

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021265.D
 Acq On : 29 Jun 2019 17:03
 Operator : HP/JU
 Sample : K3593-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	19	rVB	2536277	2913456	14.73%	1.242%
2	4.351	228	232	236	rBV	179307	226289	1.14%	0.096%
3	4.404	237	241	250	rVB	330978	435872	2.20%	0.186%
4	6.434	581	586	592	rVB	81103	133845	0.68%	0.057%
5	6.863	653	659	664	rBV	228700	330101	1.67%	0.141%
6	6.928	664	670	682	rVB	974889	1627065	8.23%	0.694%
7	7.098	693	699	710	rVB	757965	1186821	6.00%	0.506%
8	7.292	725	732	741	rVB	1006017	1598125	8.08%	0.681%
9	7.757	804	811	817	rBV	1046350	1627822	8.23%	0.694%
10	8.463	924	931	947	rVV	1307495	2143026	10.83%	0.914%
11	8.922	1001	1009	1018	rBV	1034939	1713872	8.66%	0.731%
12	9.069	1030	1034	1042	rVB	111576	182645	0.92%	0.078%
13	9.286	1067	1071	1076	rVB	175121	244965	1.24%	0.104%
14	9.633	1120	1130	1140	rBV	893155	1507481	7.62%	0.643%
15	10.169	1214	1221	1234	rVV	1472345	2471841	12.50%	1.054%
16	10.545	1277	1285	1291	rBV	1523650	2480880	12.54%	1.058%
17	10.692	1304	1310	1326	rBV	393032	797680	4.03%	0.340%
18	11.222	1394	1400	1409	rBV2	85327	143863	0.73%	0.061%
19	11.486	1432	1445	1452	rBV3	93879	166099	0.84%	0.071%
20	11.774	1490	1494	1502	rVB	109472	167444	0.85%	0.071%
21	12.657	1638	1644	1650	rVV3	60740	120472	0.61%	0.051%
22	12.745	1651	1659	1670	rVV3	61550	164271	0.83%	0.070%
23	12.845	1670	1676	1681	rVV3	94896	144338	0.73%	0.062%
24	13.257	1741	1746	1754	rVV5	78237	145232	0.73%	0.062%
25	13.816	1830	1841	1845	rBV	2668696	3959688	20.02%	1.688%
26	13.857	1845	1848	1855	rVV	1269797	1734916	8.77%	0.740%
27	14.092	1881	1888	1895	rVV	3130876	4652983	23.52%	1.984%
28	14.345	1924	1931	1935	rVV	192948	290969	1.47%	0.124%
29	14.398	1935	1940	1947	rVV2	2194022	3522849	17.81%	1.502%
30	14.457	1947	1950	1963	rVB5	89346	191486	0.97%	0.082%
31	14.615	1970	1977	1988	rBV	817761	1592350	8.05%	0.679%
32	14.710	1988	1993	1999	rVB	104816	166621	0.84%	0.071%
33	15.051	2042	2051	2058	rVB10	51213	144717	0.73%	0.062%
34	15.398	2104	2110	2116	rVV	3873506	5657535	28.60%	2.412%

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Integrator: RTE
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 Title : SVOA CALIBRATION

35	15.521	2126	2131	2144	rBV	846484	1193699	6.03%	0.509%
36	15.633	2144	2150	2156	rBV3	119409	207735	1.05%	0.089%
37	15.862	2182	2189	2198	rVB4	60274	152466	0.77%	0.065%
38	15.962	2198	2206	2212	rVB4	200184	385472	1.95%	0.164%
39	16.251	2249	2255	2260	rBV8	64577	146824	0.74%	0.063%
40	16.474	2288	2293	2301	rVB	164566	248656	1.26%	0.106%
41	16.545	2301	2305	2310	rBV	193381	266840	1.35%	0.114%
42	16.768	2338	2343	2348	rBV2	131811	239484	1.21%	0.102%
43	16.898	2358	2365	2369	rBV5	78357	166318	0.84%	0.071%
44	17.045	2384	2390	2397	rBV2	207007	359710	1.82%	0.153%
45	17.109	2397	2401	2403	rVV	166493	217881	1.10%	0.093%
46	17.151	2403	2408	2412	rVV2	2653071	3798647	19.20%	1.619%
47	17.192	2412	2415	2419	rVV	536867	718788	3.63%	0.306%
48	17.245	2419	2424	2433	rVB2	3551855	5386382	27.23%	2.296%
49	17.527	2465	2472	2482	rBV2	239647	442112	2.24%	0.188%
50	17.921	2533	2539	2545	rBV	409569	738259	3.73%	0.315%
51	17.980	2545	2549	2554	rBV	597331	844052	4.27%	0.360%
52	18.045	2554	2560	2569	rBV	3045599	4311313	21.80%	1.838%
53	18.221	2585	2590	2593	rBV2	128426	217828	1.10%	0.093%
54	18.339	2604	2610	2615	rBV4	215021	419647	2.12%	0.179%
55	18.527	2639	2642	2646	rVV	106039	133220	0.67%	0.057%
56	18.574	2646	2650	2658	rVB2	81673	142406	0.72%	0.061%
57	18.903	2702	2706	2709	rBV2	107717	138063	0.70%	0.059%
58	18.962	2713	2716	2720	rVB	142174	170466	0.86%	0.073%
59	19.062	2728	2733	2744	rVB2	299273	560695	2.83%	0.239%
60	19.174	2748	2752	2753	rBV	337992	335310	1.70%	0.143%
61	19.203	2753	2757	2772	rVB	2077292	3517605	17.78%	1.500%
62	19.321	2773	2777	2787	rBV2	738243	1099963	5.56%	0.469%
63	19.545	2809	2815	2818	rBV	4034648	5702495	28.83%	2.431%
64	19.574	2818	2820	2825	rVB	1179406	1217304	6.15%	0.519%
65	19.892	2870	2874	2881	rBV3	74164	172007	0.87%	0.073%
66	20.074	2898	2905	2909	rVB4	462091	913498	4.62%	0.389%
67	20.168	2918	2921	2924	rBV	115001	135769	0.69%	0.058%
68	20.409	2958	2962	2969	rBV5	155487	291684	1.47%	0.124%
69	20.574	2986	2990	2994	rVB2	236864	306180	1.55%	0.131%
70	20.815	3028	3031	3037	rBV	124466	168937	0.85%	0.072%
71	20.886	3039	3043	3048	rBV	2017979	2235807	11.30%	0.953%

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72	21.039	3064	3069	3077	rVB2	2787370	3491846	17.65%	1.489%
73	21.239	3101	3103	3108	rVB	180625	179201	0.91%	0.076%
74	21.333	3112	3119	3123	rVV2	3058897	4942834	24.99%	2.107%
75	21.368	3123	3125	3134	rVB	812080	989119	5.00%	0.422%
76	21.474	3139	3143	3152	rVB2	598394	1014232	5.13%	0.432%
77	21.656	3171	3174	3178	rVB	557248	623898	3.15%	0.266%
78	21.915	3213	3218	3219	rBV	2166595	2559191	12.94%	1.091%
79	21.939	3219	3222	3231	rVB	3688692	5074204	25.65%	2.163%
80	22.121	3250	3253	3259	rVB2	403040	492870	2.49%	0.210%
81	22.380	3292	3297	3301	rBV	1378958	2081225	10.52%	0.887%
82	22.415	3301	3303	3310	rVB	392339	550353	2.78%	0.235%
83	22.509	3316	3319	3323	rVB	474077	596777	3.02%	0.254%
84	22.615	3332	3337	3349	rBV	7087892	10207942	51.61%	4.352%
85	22.897	3379	3385	3389	rBV	7526720	12310403	62.24%	5.248%
86	22.950	3389	3394	3405	rVB	11594971	19780342	100.00%	8.432%
87	23.168	3427	3431	3437	rVB	438905	645089	3.26%	0.275%
88	23.462	3475	3481	3486	rBV2	3742109	6614976	33.44%	2.820%
89	23.603	3500	3505	3512	rBV	1729907	3185866	16.11%	1.358%
90	23.791	3531	3537	3545	rVB	4452218	7804216	39.45%	3.327%
91	24.127	3586	3594	3602	rVB	6430106	13091482	66.18%	5.581%
92	24.221	3603	3610	3621	rVV	2404606	5365591	27.13%	2.287%
93	24.879	3715	3722	3735	rBV3	1638604	4153675	21.00%	1.771%
94	25.338	3792	3800	3817	rVB	3974163	9445540	47.75%	4.027%
95	25.762	3864	3872	3878	rBV	1900023	5487347	27.74%	2.339%
96	25.921	3891	3899	3911	rVB2	1718710	5427123	27.44%	2.314%
97	26.050	3914	3921	3938	rVB2	1872626	5726953	28.95%	2.441%
98	26.691	4020	4030	4041	rVB3	3443853	10666372	53.92%	4.547%
99	27.462	4154	4161	4172	rVB3	1138762	3394353	17.16%	1.447%
100	28.279	4291	4300	4319	rVB4	1617320	6380875	32.26%	2.720%

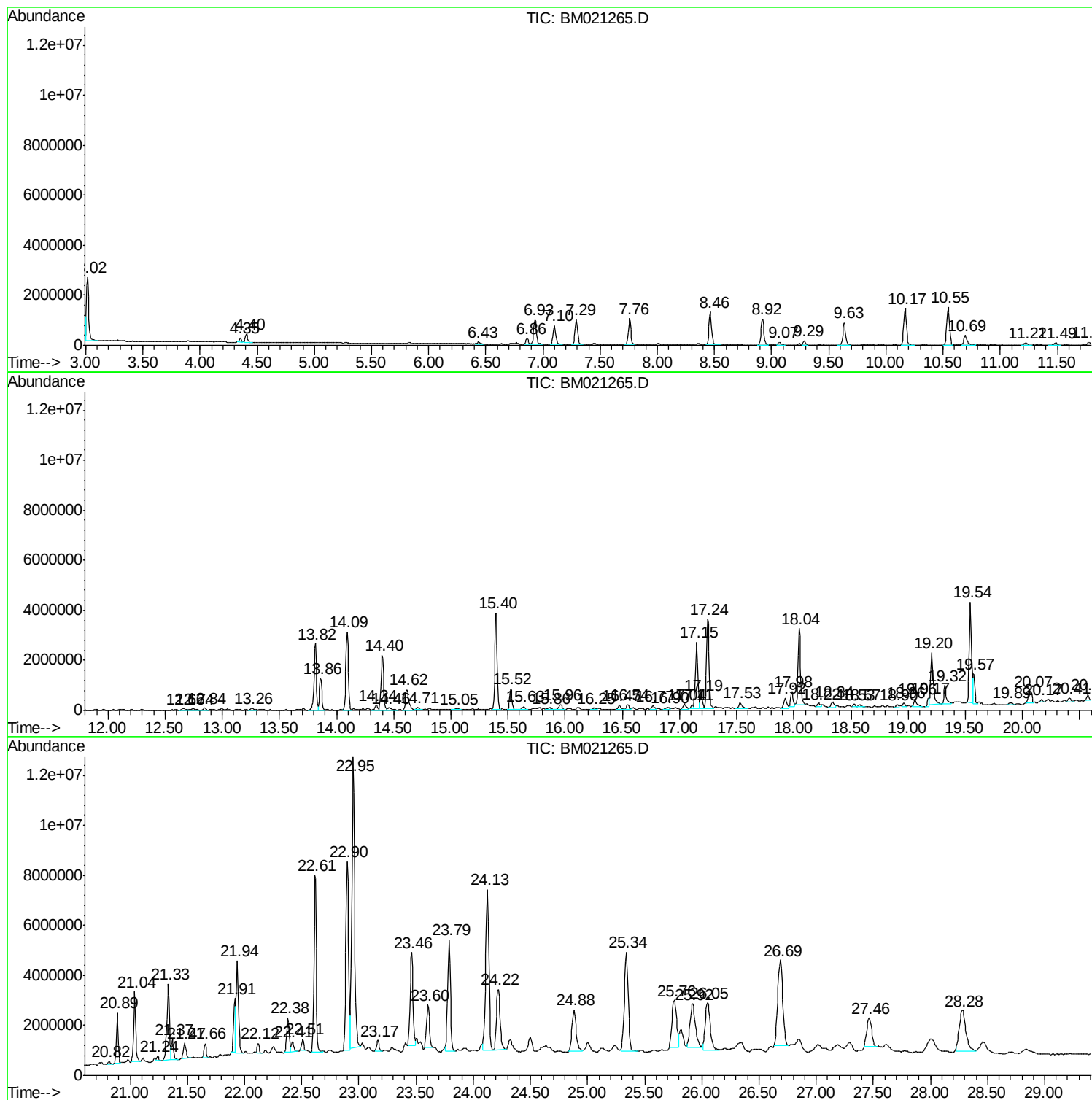
Sum of corrected areas: 234575036

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Misc :
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Instrument :
BNA_M
ClientSampleId :
C5BD6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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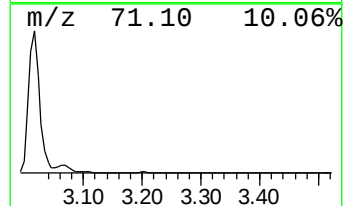
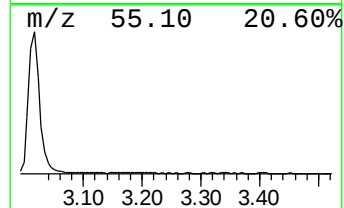
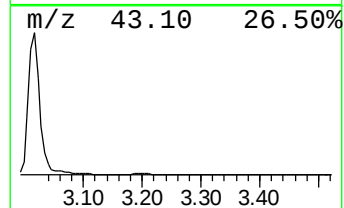
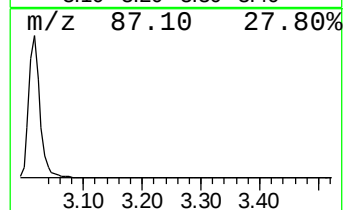
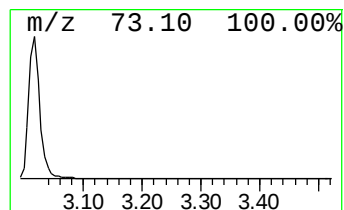
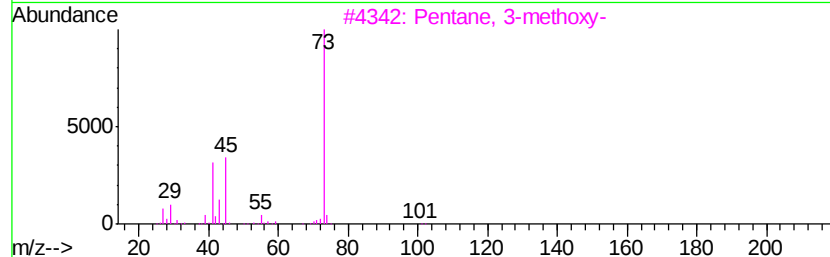
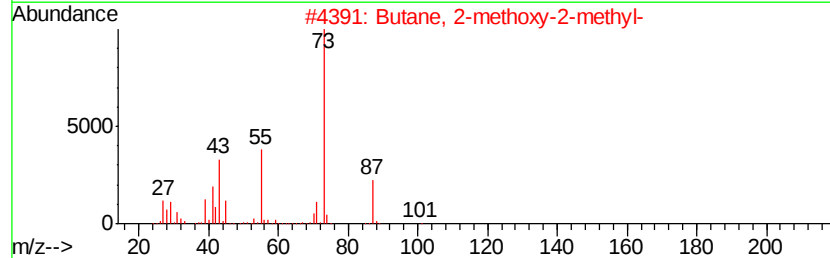
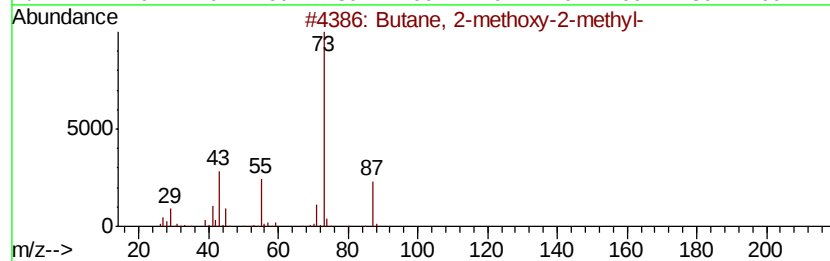
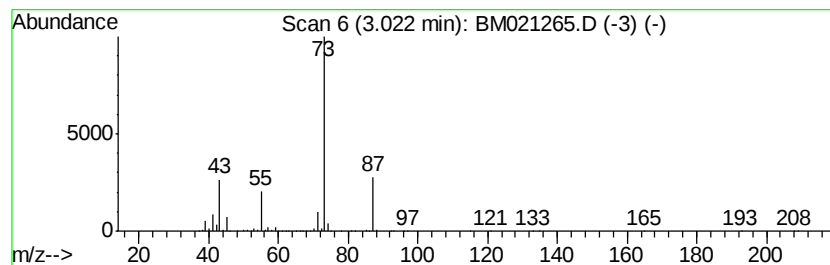
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	35.80 ng/ul	2913460	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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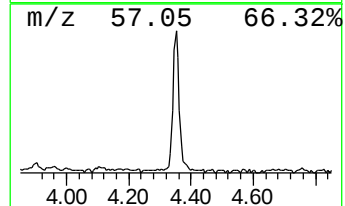
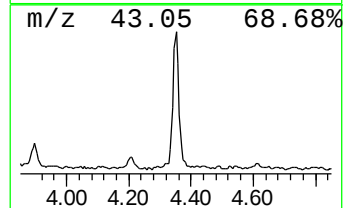
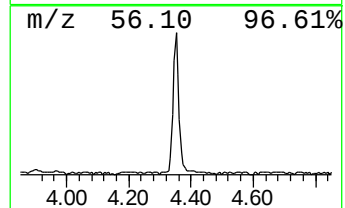
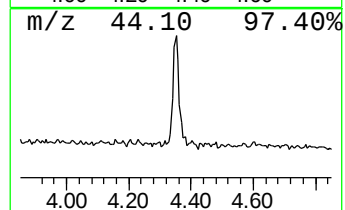
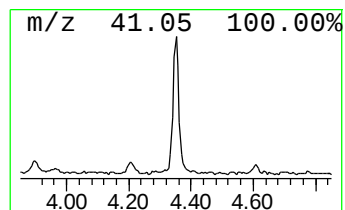
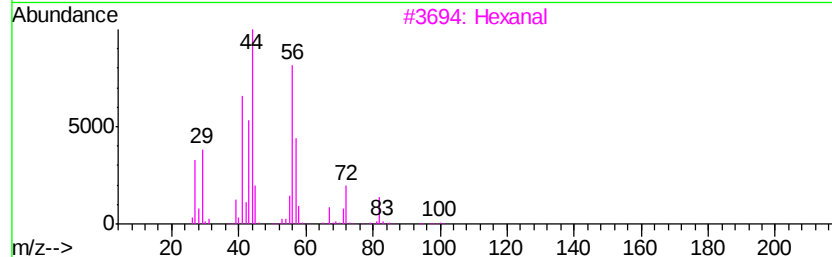
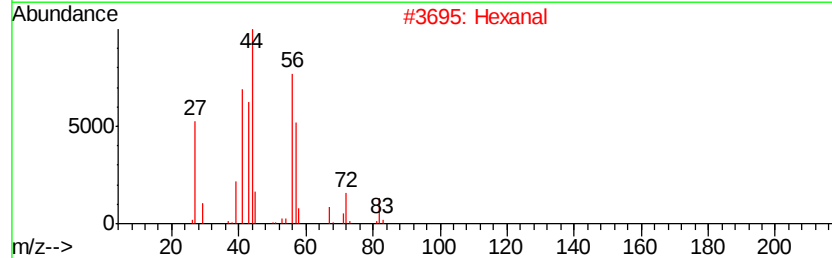
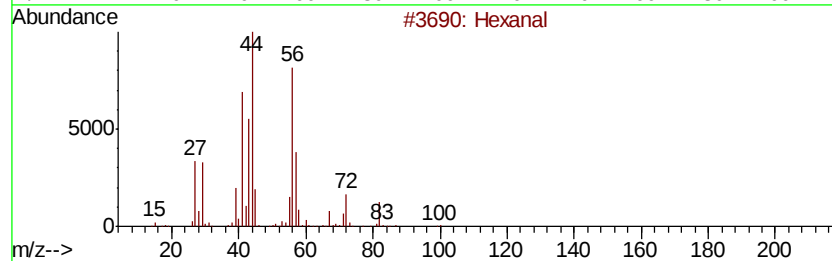
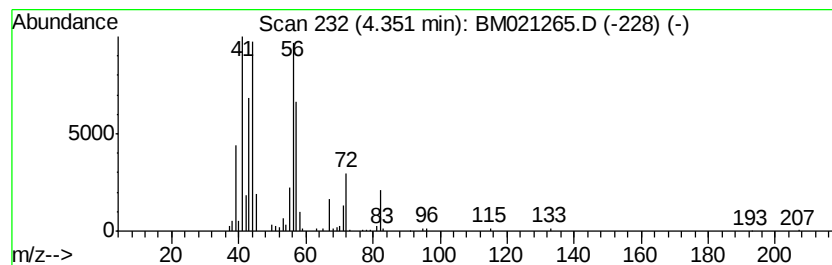
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.78 ng/ul	226289	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	72
2	Hexanal		100	C6H12O	000066-25-1	59
3	Hexanal		100	C6H12O	000066-25-1	50
4	Hexanal		100	C6H12O	000066-25-1	42
5	2,2-Dimethyl-3-hydroxypropionald...		102	C5H10O2	000597-31-9	38



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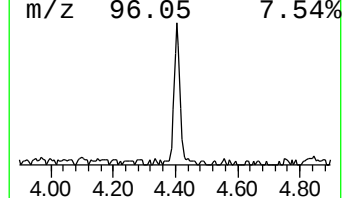
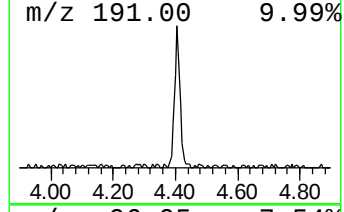
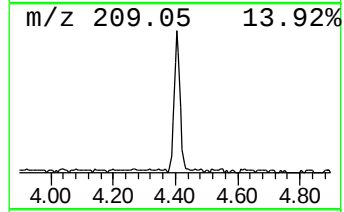
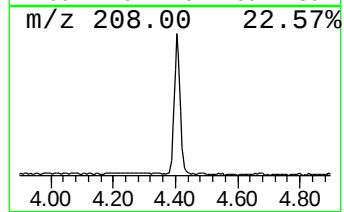
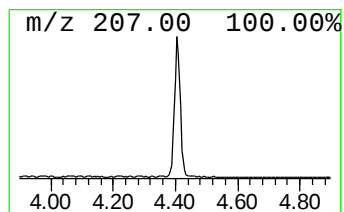
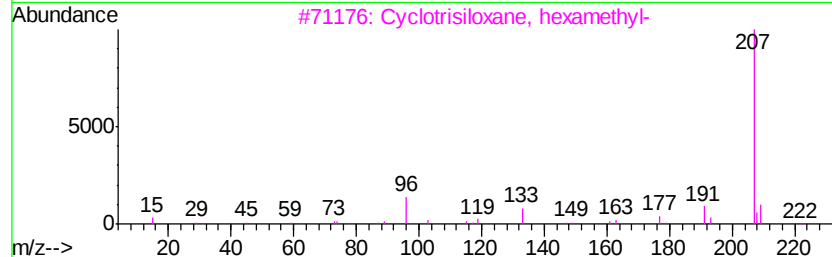
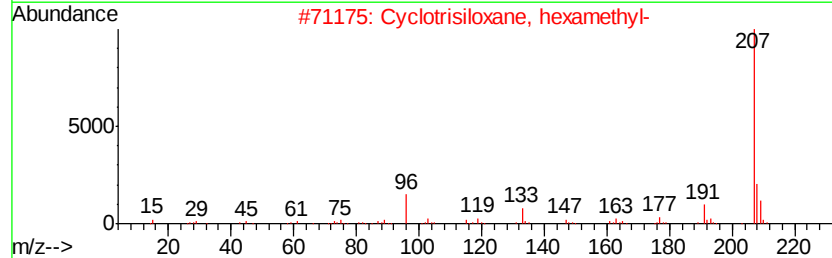
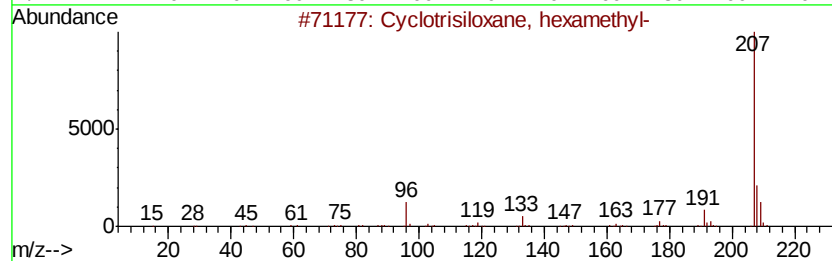
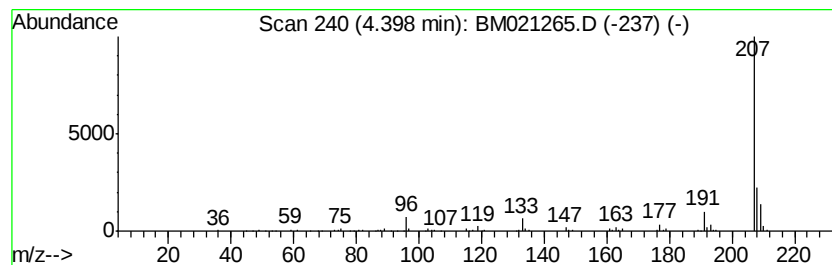
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.36 ng/ul	435872	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5			2-Ethylacridine	207	C15H13N	055751-83-2	36



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Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
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Instrument :
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ClientSampleId :
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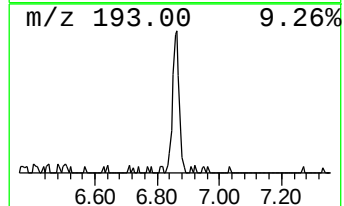
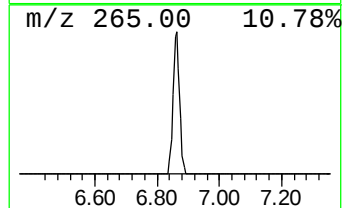
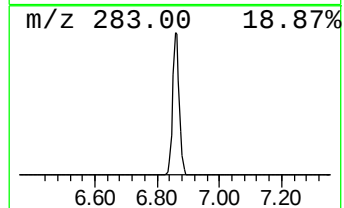
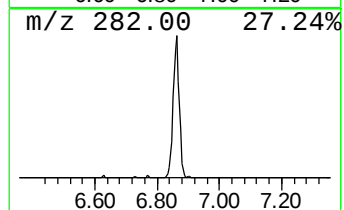
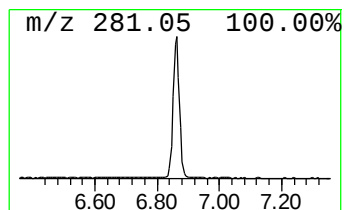
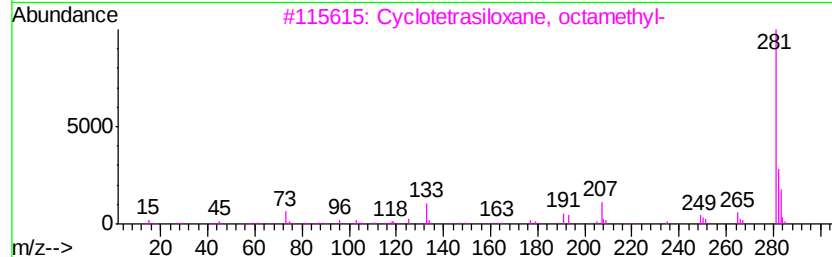
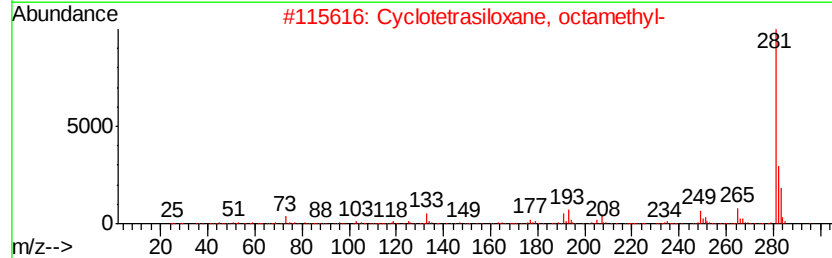
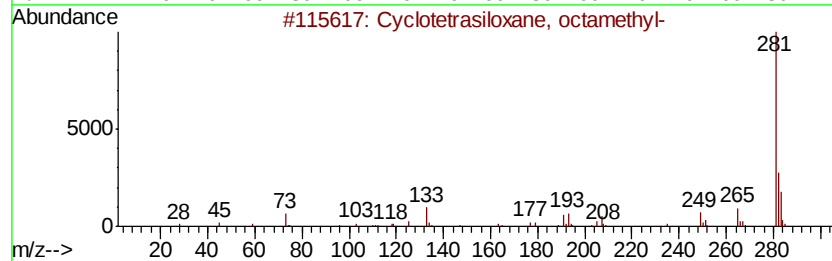
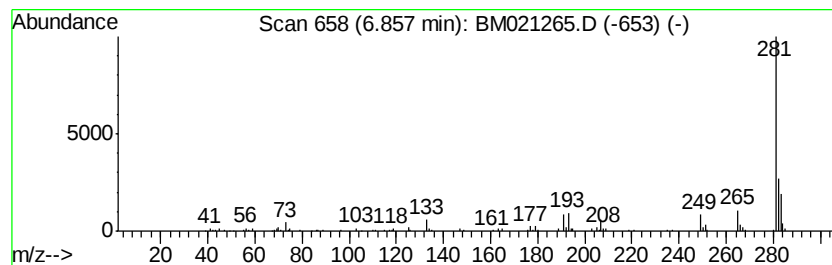
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.06 ng/ul	330101	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
4		trans-4-Dimethylamino-4'-methoxy...	281	C18H19NO2	052119-37-6	50
5		7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
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Instrument :
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ClientSampleId :
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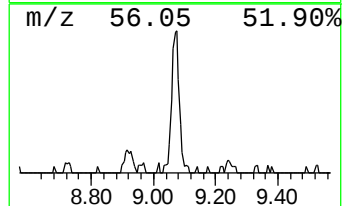
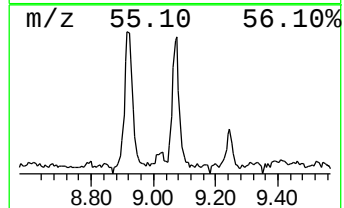
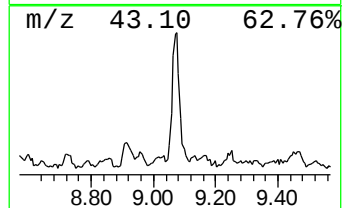
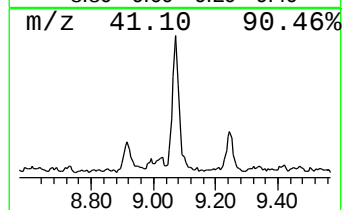
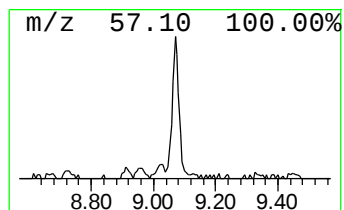
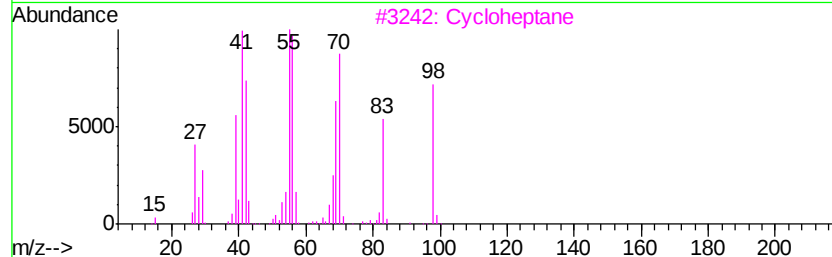
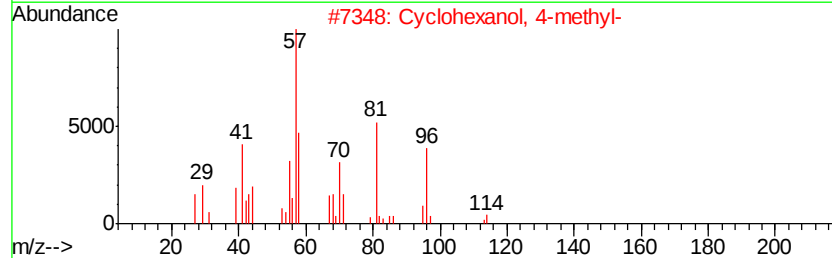
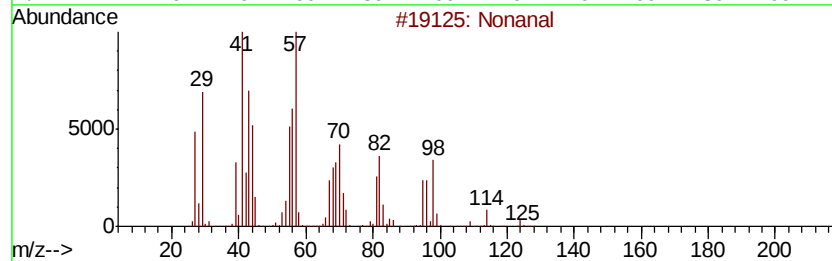
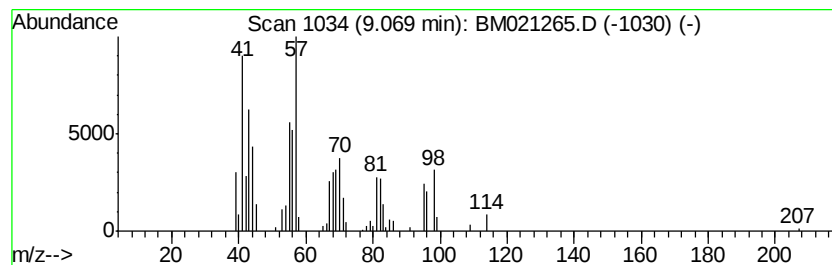
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonanal Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.24 ng/ul	182645	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	91
2	Cyclohexanol, 4-methyl-		114	C7H14O	000589-91-3	38
3	Cycloheptane		98	C7H14	000291-64-5	38
4	6-Amino-1-hexyl phosphate		197	C6H16N04P	007564-68-3	35
5	Cycloheptane		98	C7H14	000291-64-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 29 Jun 2019 17:03
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Misc :
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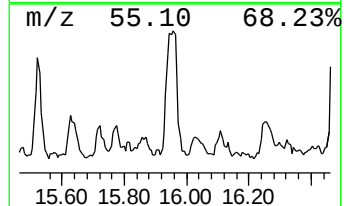
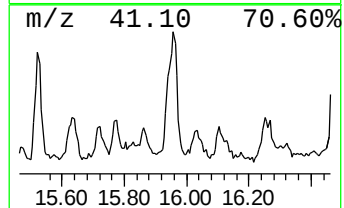
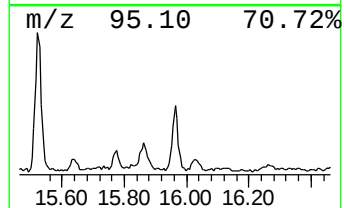
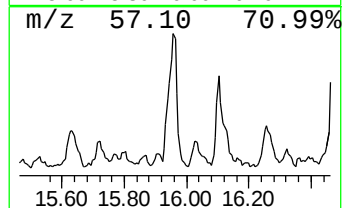
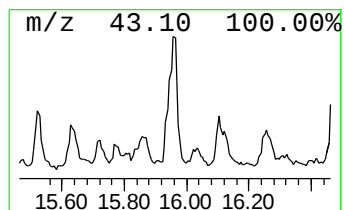
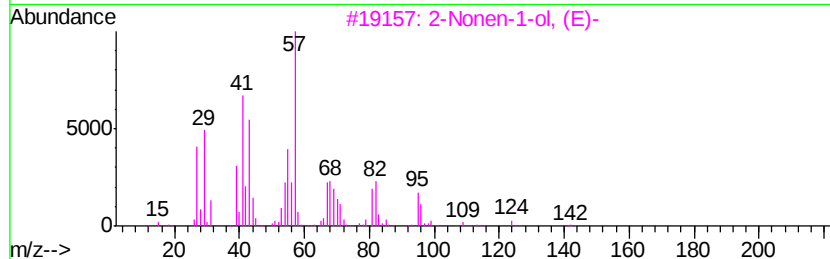
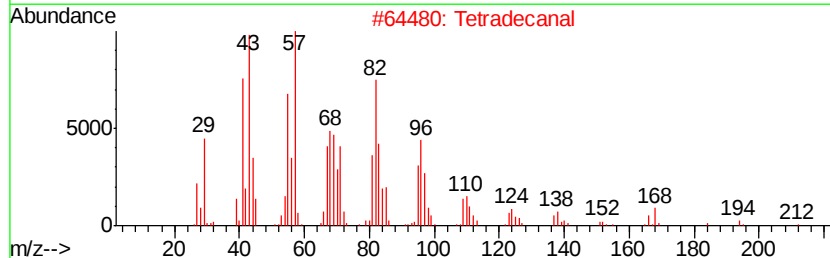
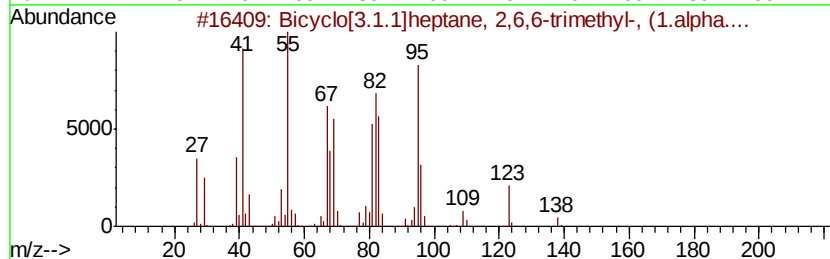
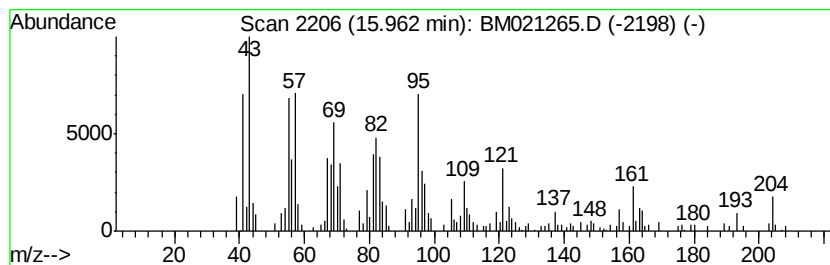
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.96	2.03 ng/ul	385472	Phenanthrene-d10		17.15		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	83
2			Tetradecanal	212	C14H28O	000124-25-4	55
3			2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	50
4			Tetradecanal	212	C14H28O	000124-25-4	49
5			Oxirane, dodecyl-	212	C14H28O	003234-28-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
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Instrument :
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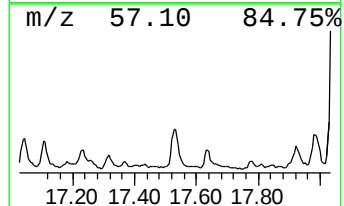
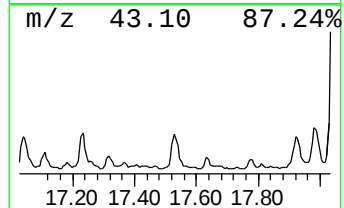
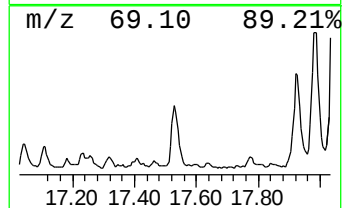
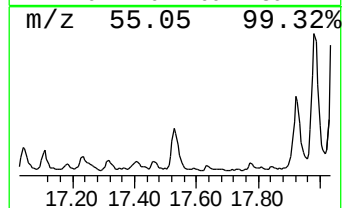
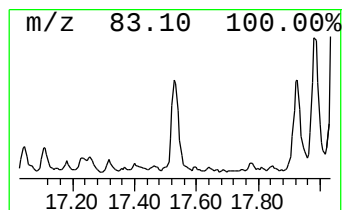
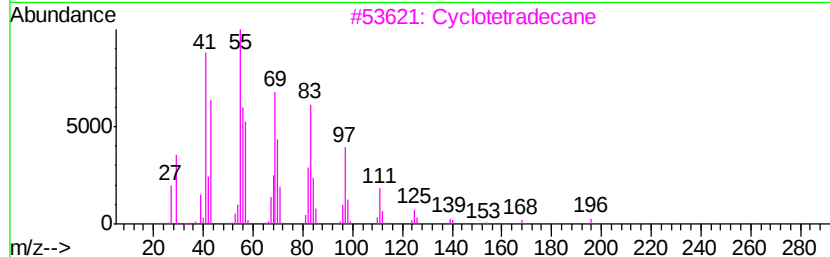
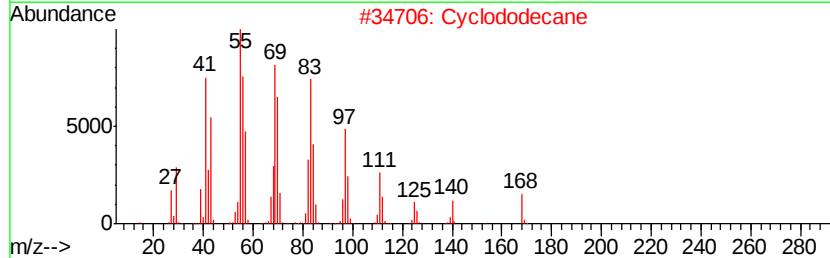
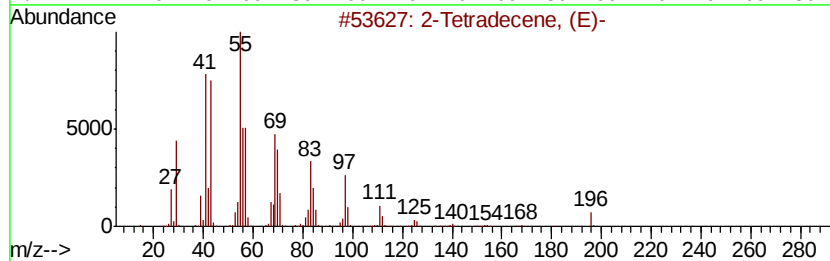
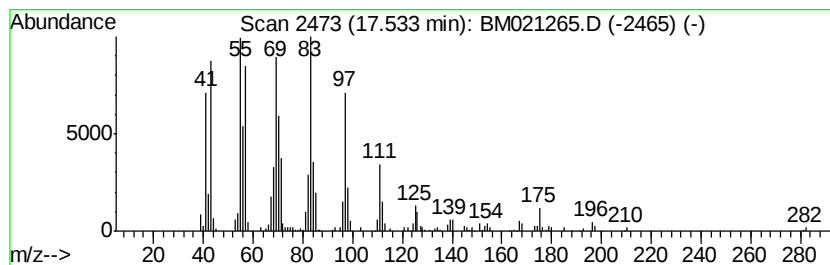
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic17.53 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	2.33 ng/ul	442112	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
2		Cyclododecane	168	C12H24	000294-62-2	94
3		Cyclotetradecane	196	C14H28	000295-17-0	93
4		1-Tetradecene	196	C14H28	001120-36-1	93
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Instrument :
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ClientSampleId :
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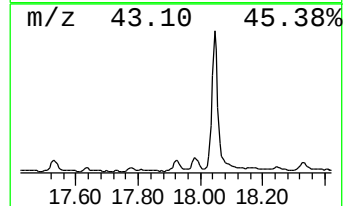
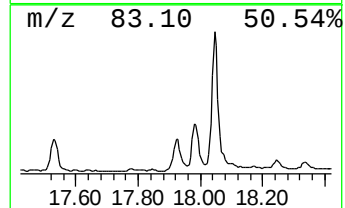
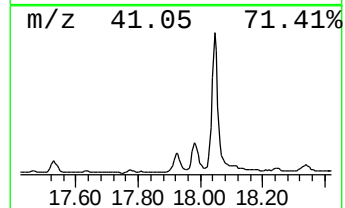
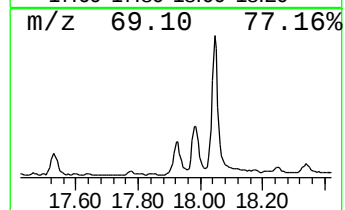
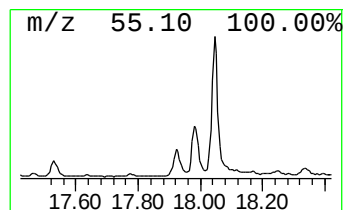
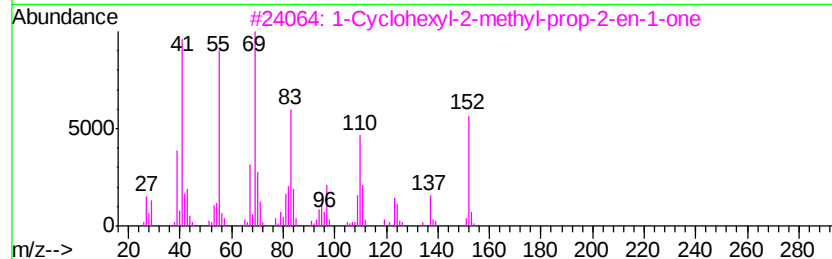
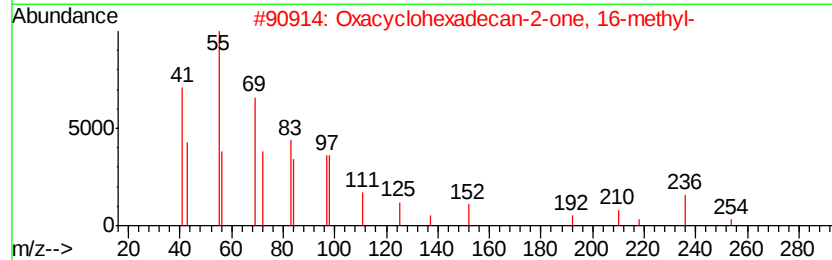
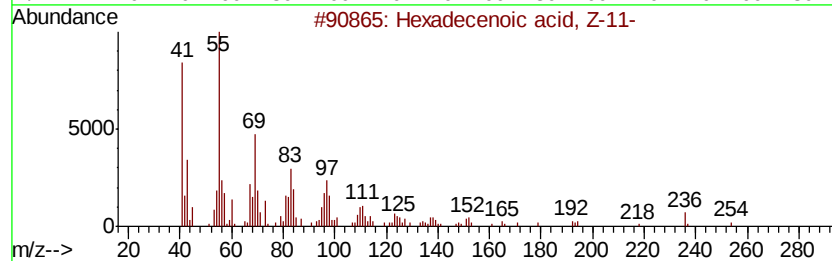
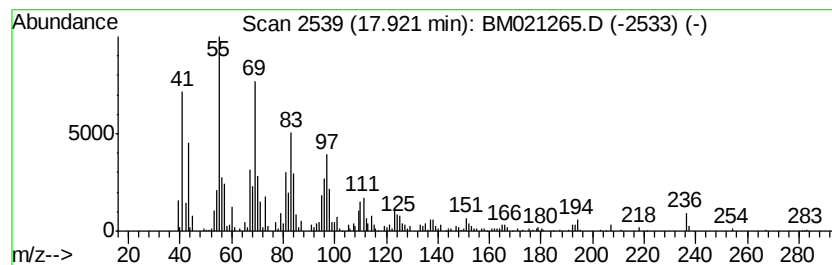
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecenoic acid, Z-11- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.89 ng/ul	738259	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	89
2		Oxacyclohexadecan-2-one, 16-methyl-	254	C16H30O2	004459-57-8	89
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
4		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	53
5		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
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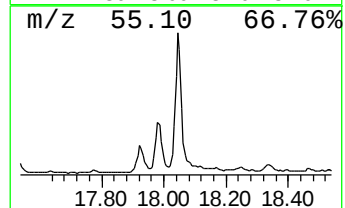
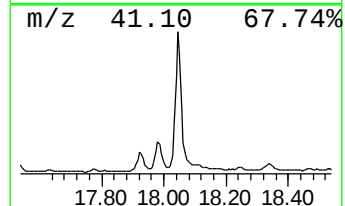
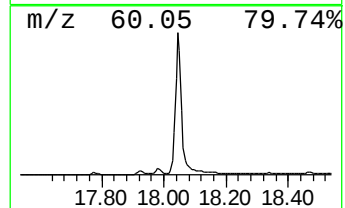
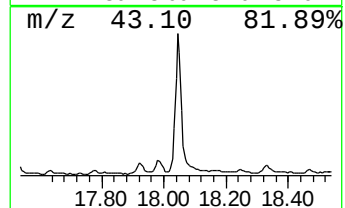
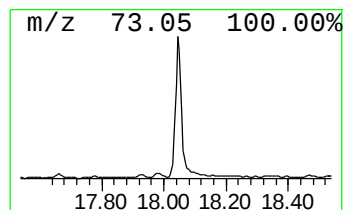
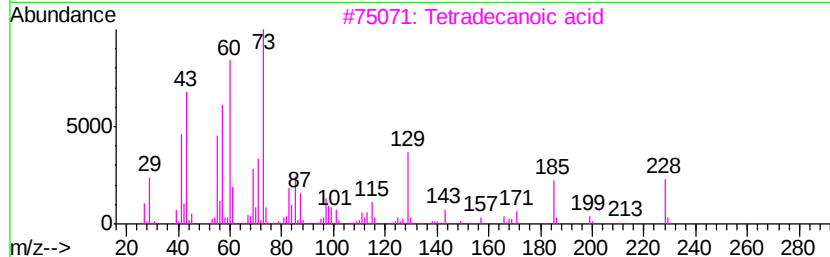
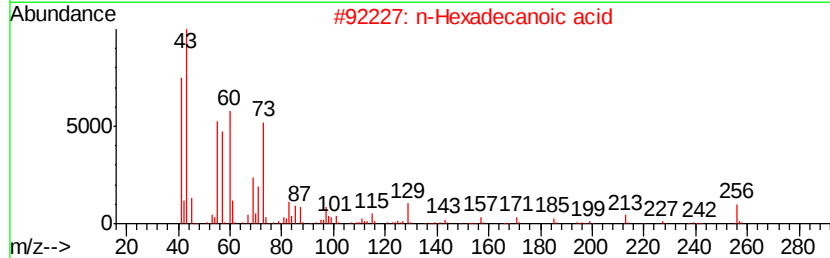
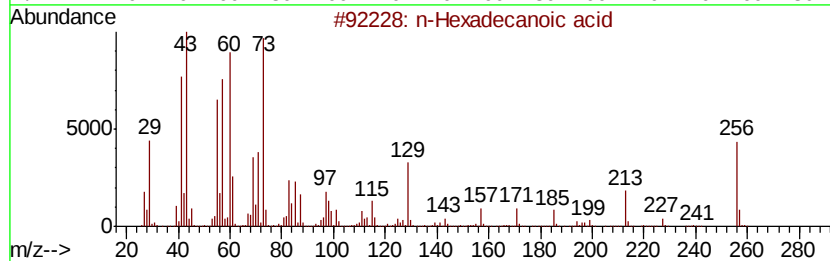
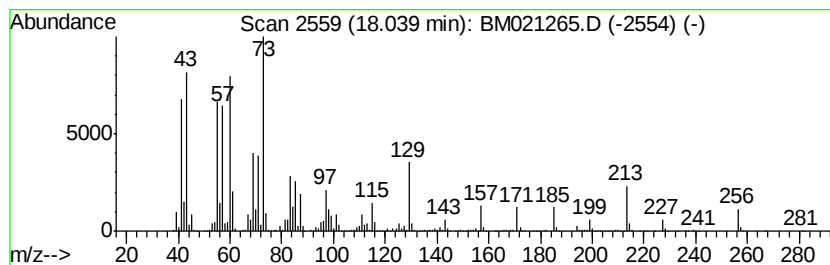
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	22.70 ng/ul	4311310	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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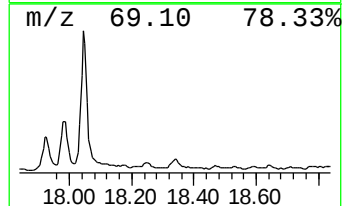
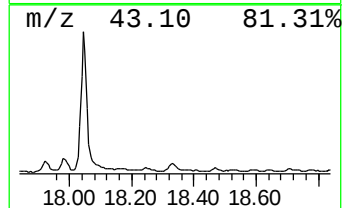
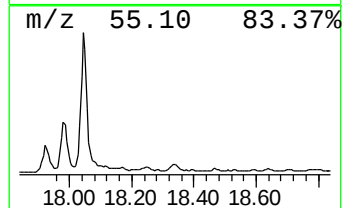
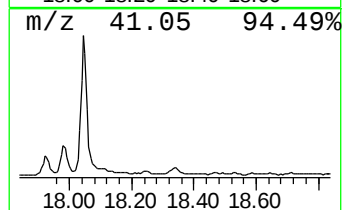
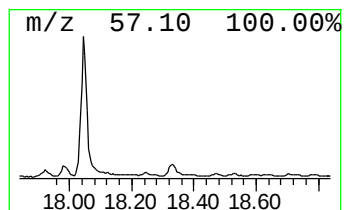
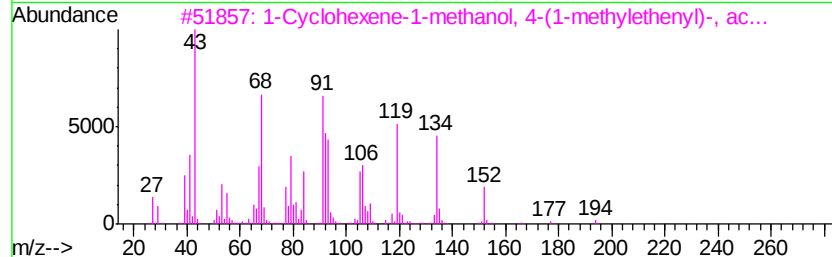
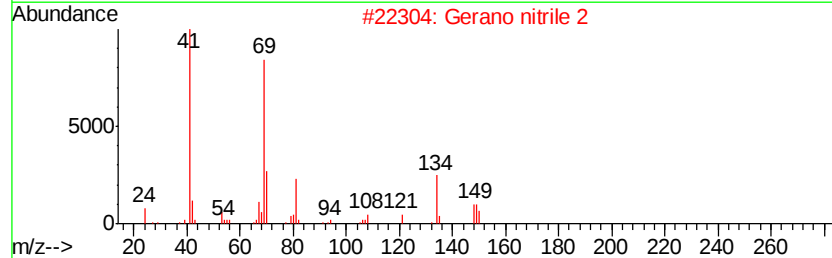
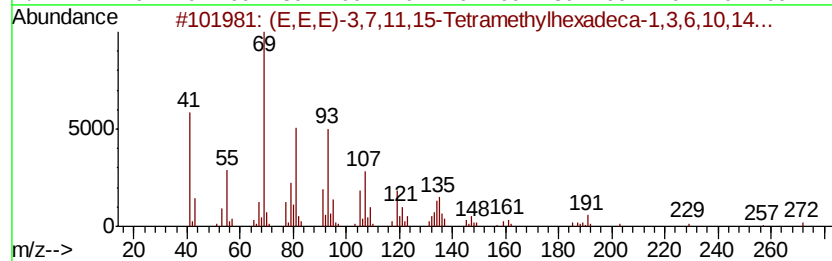
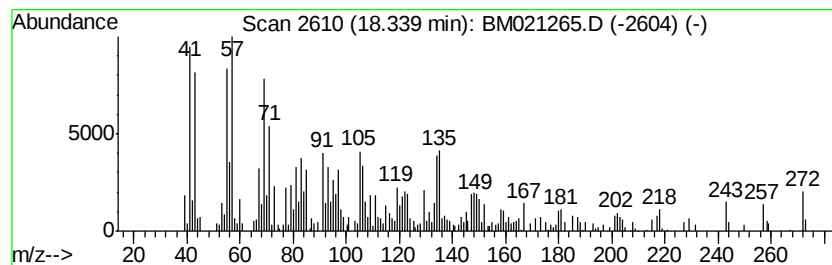
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.21 ng/ul	419647	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(E,E,E)-3,7,11,15-Tetramethylhex...	272 C20H32	077898-97-6	43
2	Gerano nitrile 2	149 C10H15N	1000285-27-0	38
3	1-Cyclohexene-1-methanol, 4-(1-m...	194 C12H18O2	015111-96-3	25
4	Methanol, [6,8,9-trimethyl-4-(1-...	236 C15H24O2	1000277-60-9	25
5	Geranyl nitrile	149 C10H15N	101660-61-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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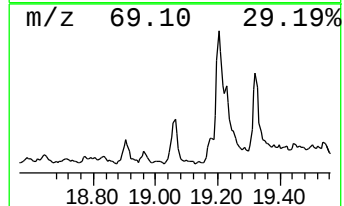
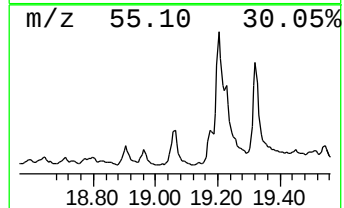
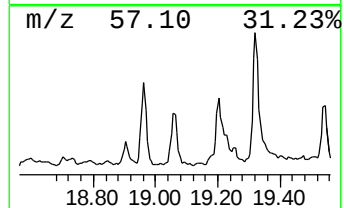
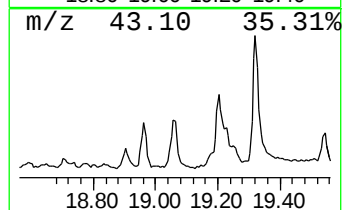
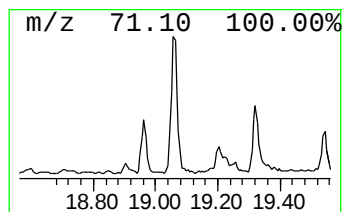
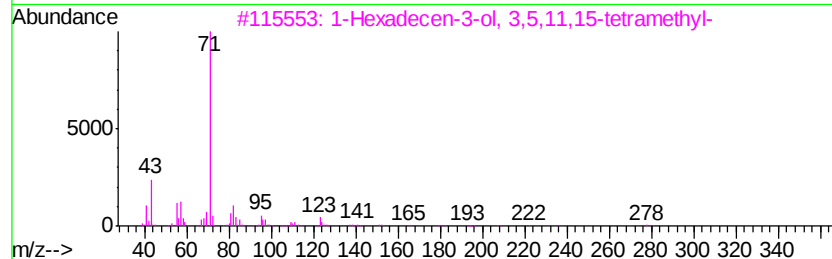
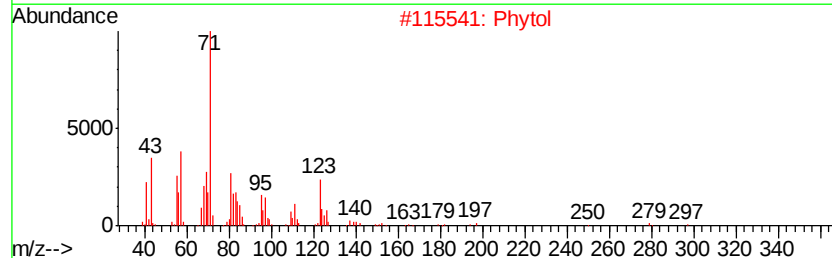
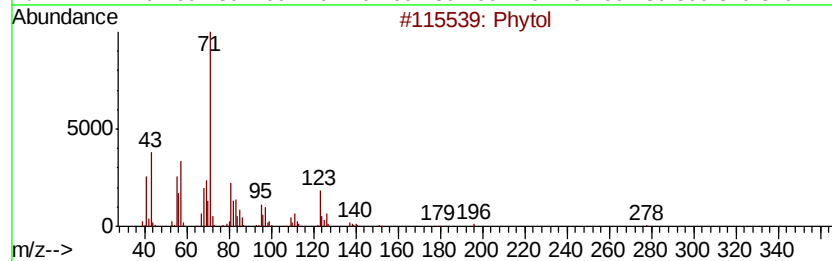
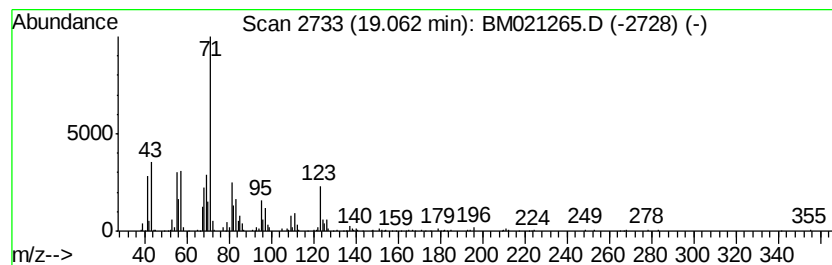
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phytol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.95 ng/ul	560695	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phytol	296	C20H40O	000150-86-7	91
2		Phytol	296	C20H40O	000150-86-7	91
3		1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	59
4		Phytol	296	C20H40O	000150-86-7	52
5		1-Butoxy-2-methyl-2-butene (E)-	142	C9H18O	1000159-08-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

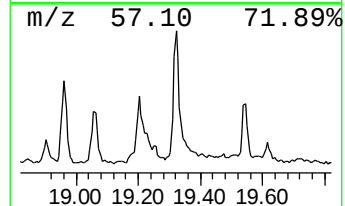
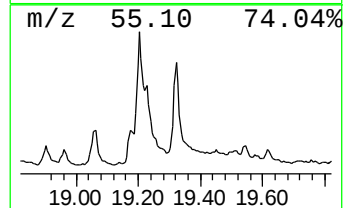
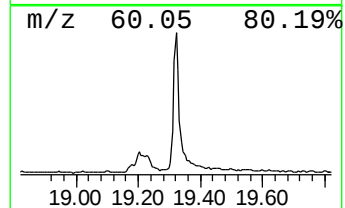
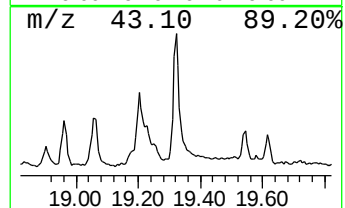
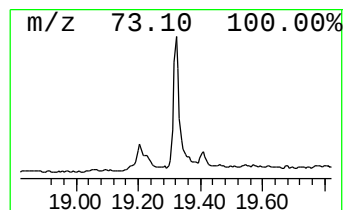
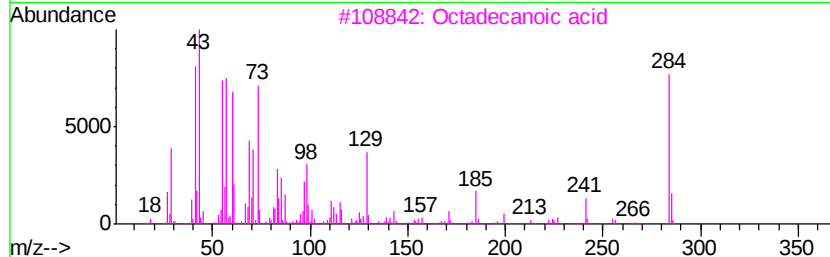
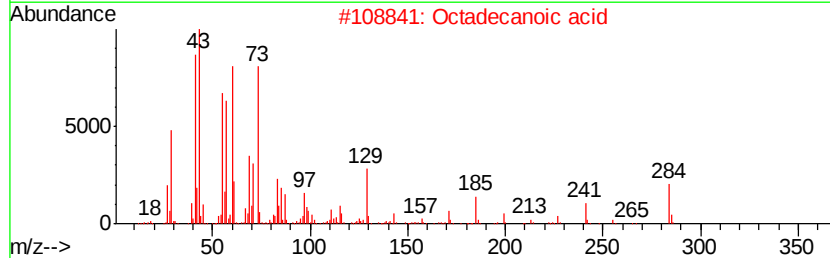
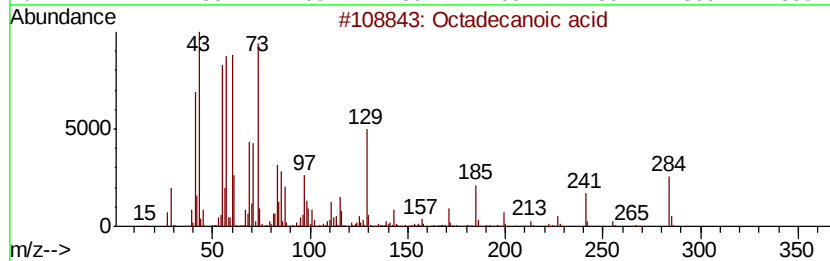
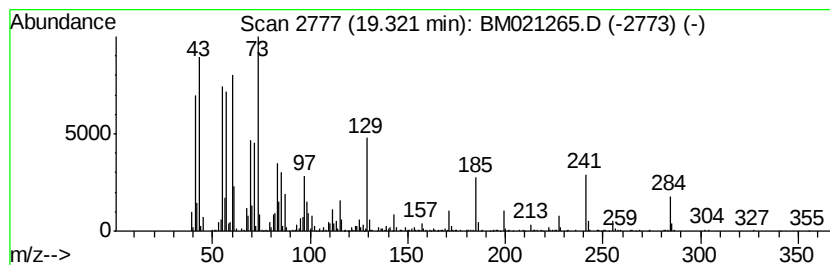
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.32	4.45 ng/ul	1099960	Chrysene-d12		21.33		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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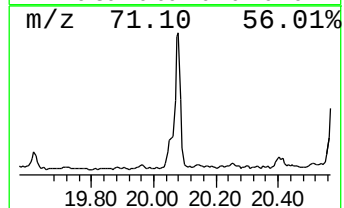
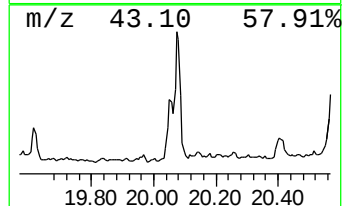
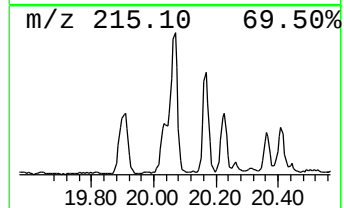
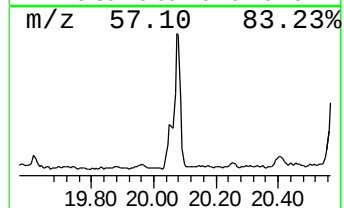
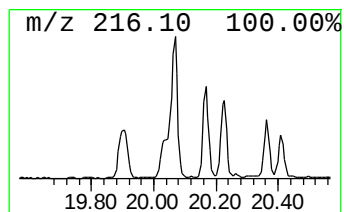
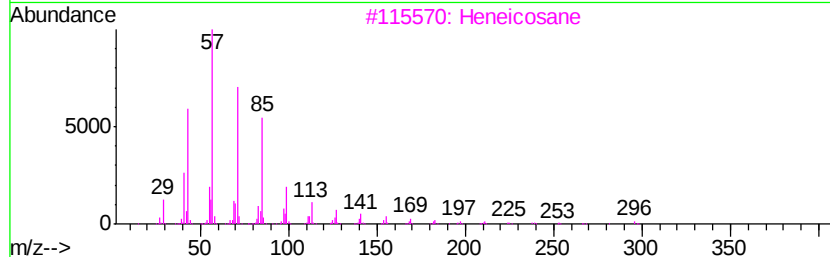
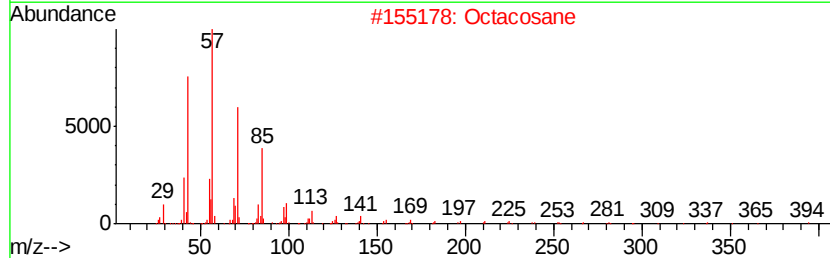
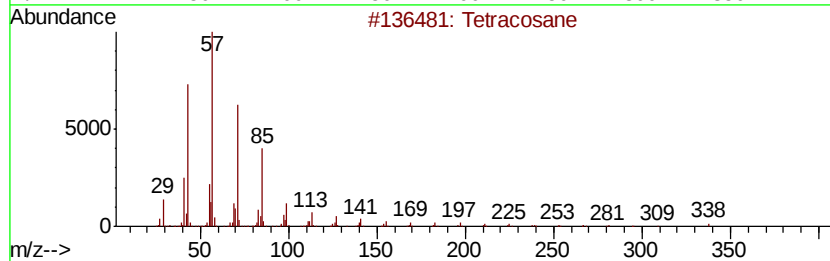
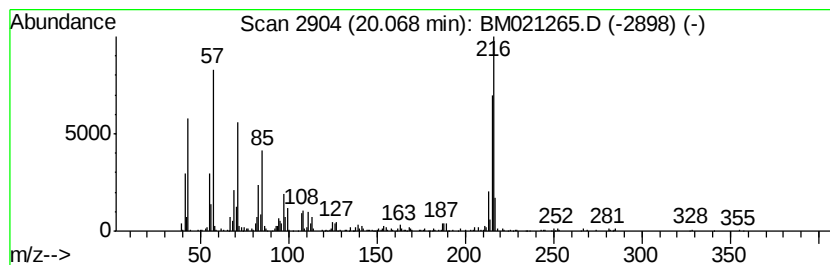
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.70 ng/ul	913498	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	64
2		Octacosane	394	C28H58	000630-02-4	64
3		Heneicosane	296	C21H44	000629-94-7	64
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	58
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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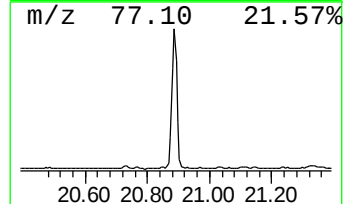
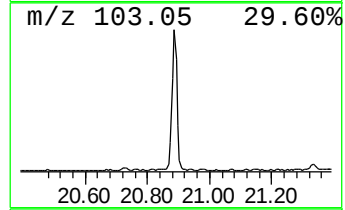
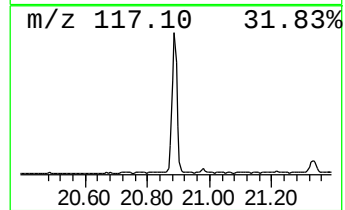
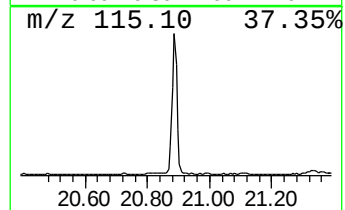
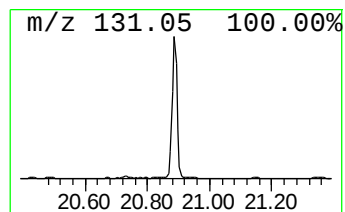
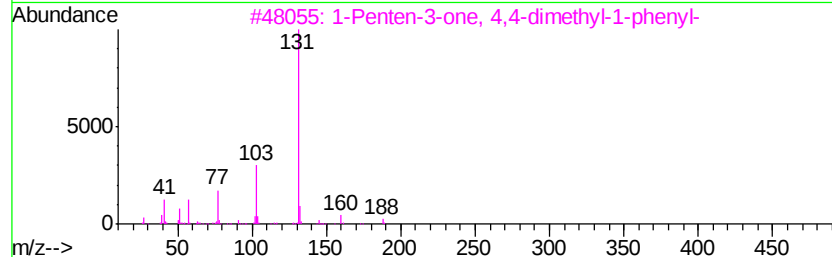
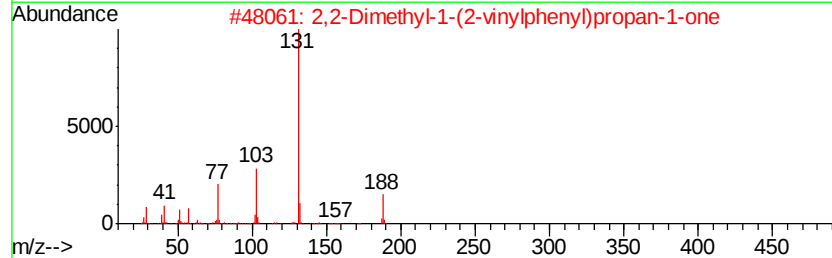
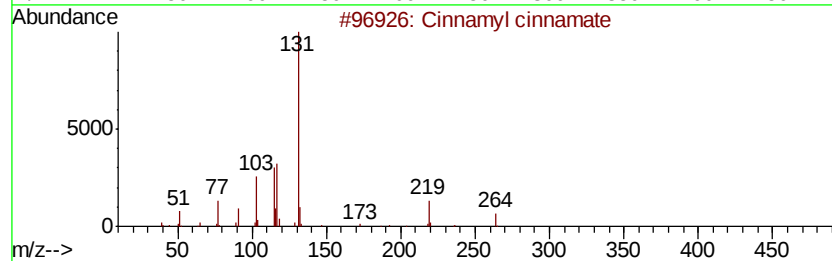
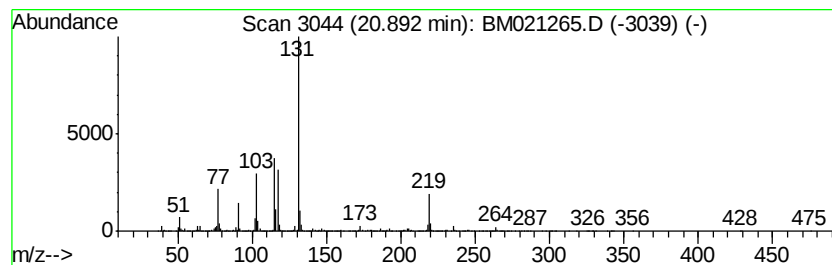
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cinnamyl cinnamate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	9.05 ng/ul	2235810	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3		1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47
4		2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	47
5		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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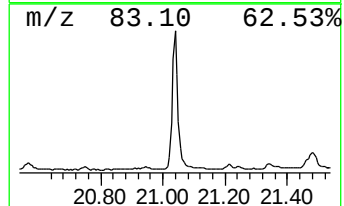
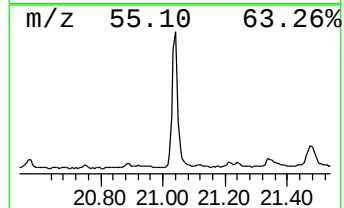
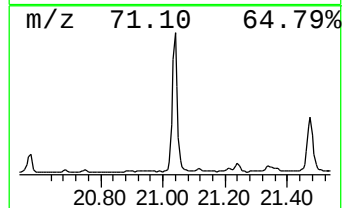
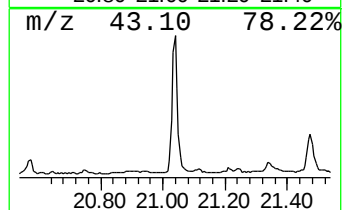
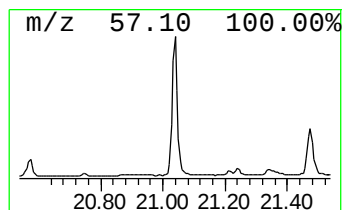
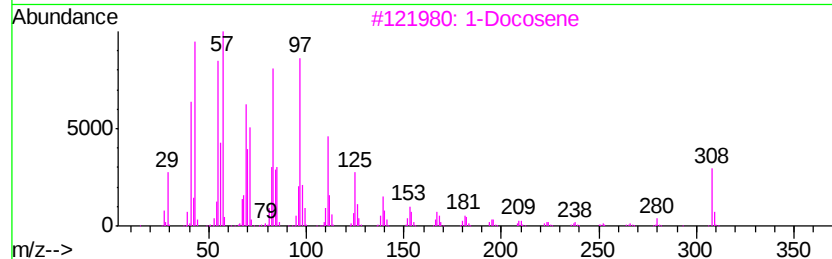
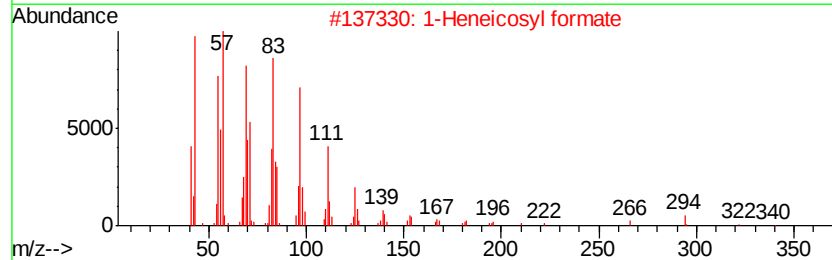
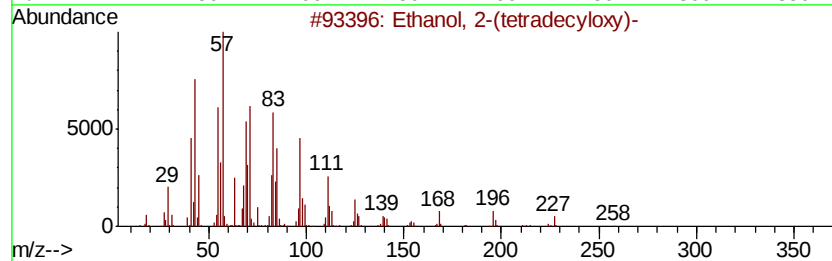
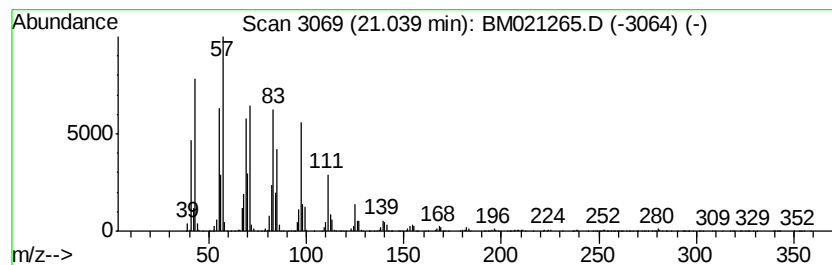
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Ethanol, 2-(tetradecyloxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	14.13 ng/ul	3491850	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3		1-Docosene	308	C22H44	001599-67-3	93
4		E-14-Hexadecenal	238	C16H30O	330207-53-9	92
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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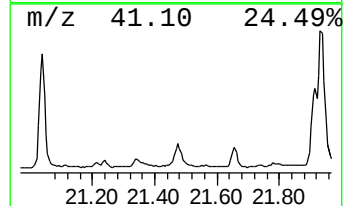
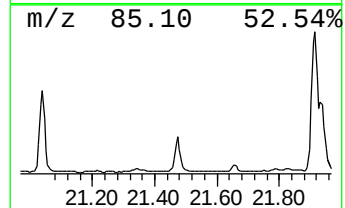
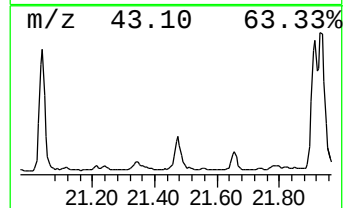
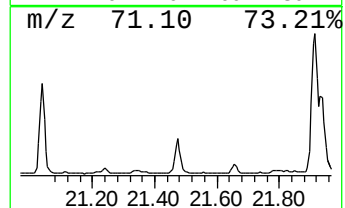
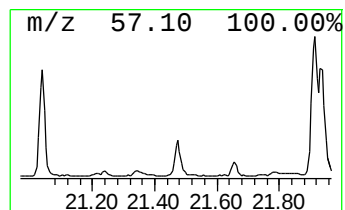
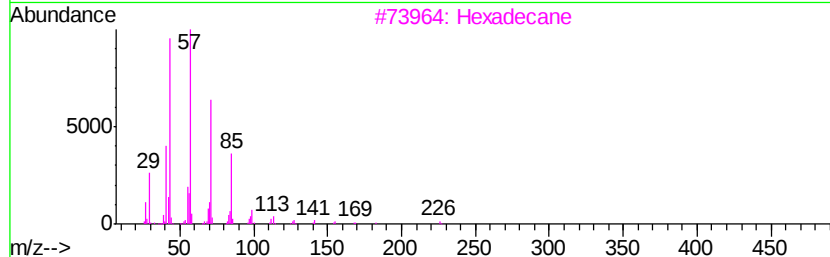
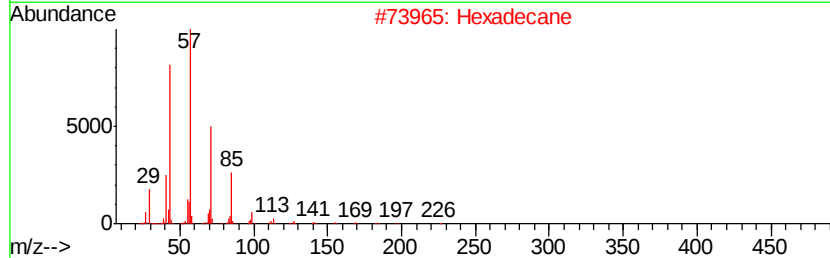
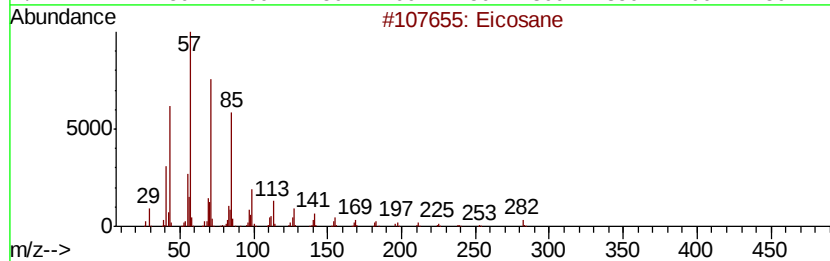
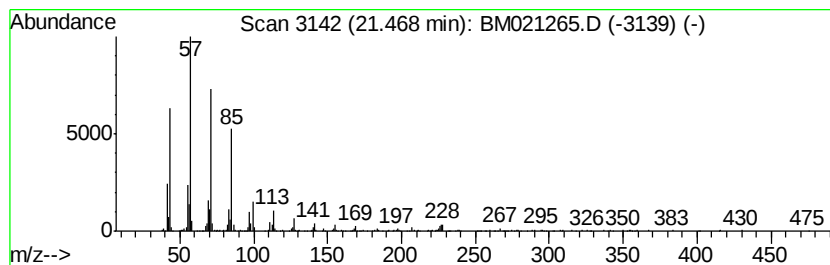
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	4.10 ng/ul	1014230	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	97
2	Hexadecane			226	C16H34	000544-76-3	95
3	Hexadecane			226	C16H34	000544-76-3	94
4	Hexadecane			226	C16H34	000544-76-3	92
5	Docosane, 5-butyl-			366	C26H54	055282-16-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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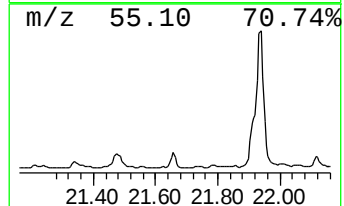
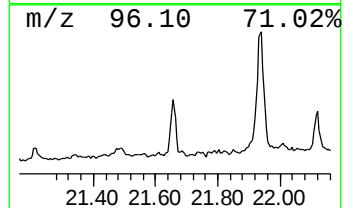
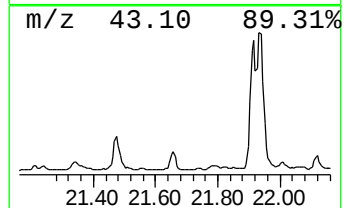
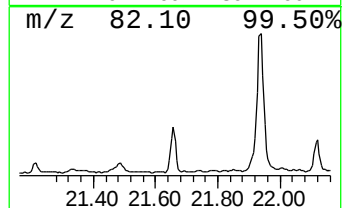
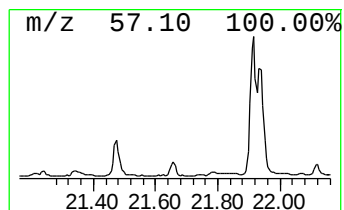
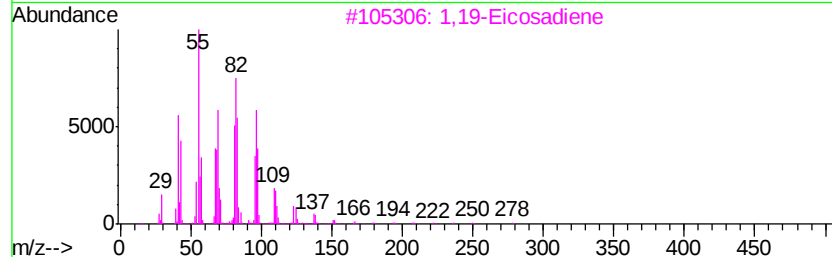
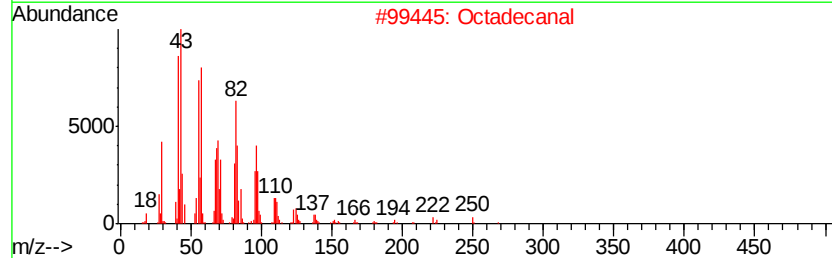
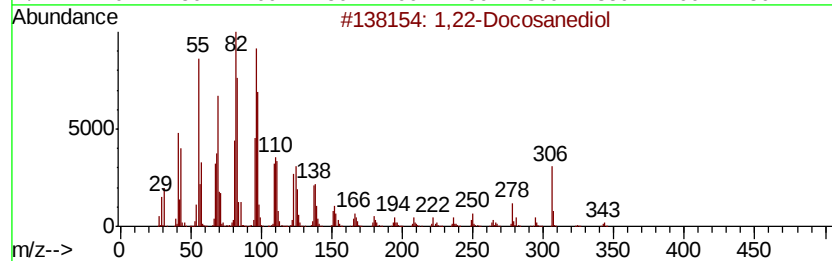
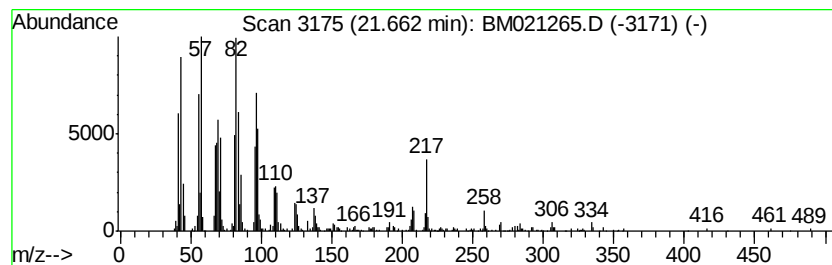
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,22-Docosanediol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.52 ng/ul	623898	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,22-Docosanediol	342	C22H46O2	022513-81-1	96
2			Octadecanal	268	C18H36O	000638-66-4	95
3			1,19-Eicosadiene	278	C20H38	014811-95-1	93
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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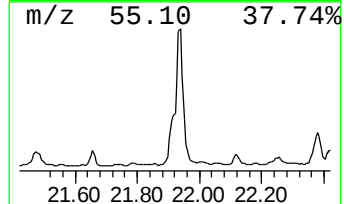
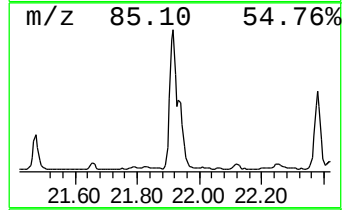
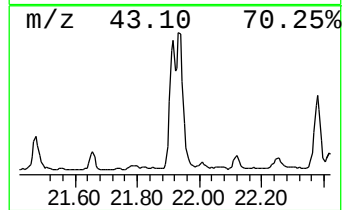
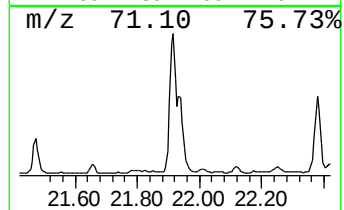
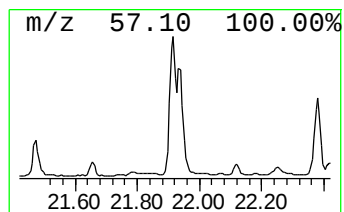
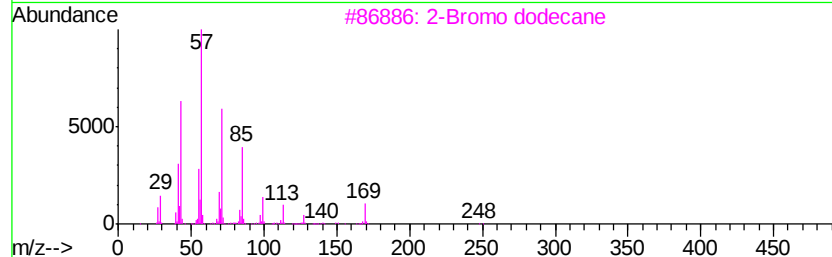
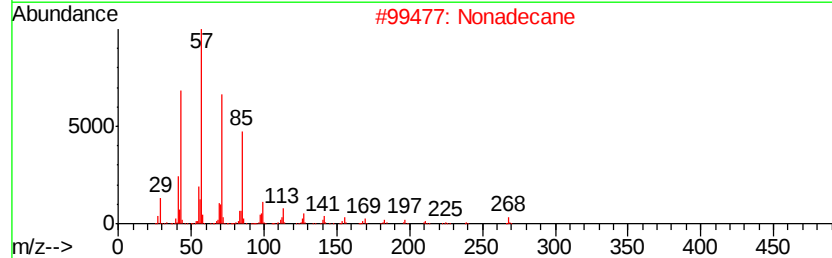
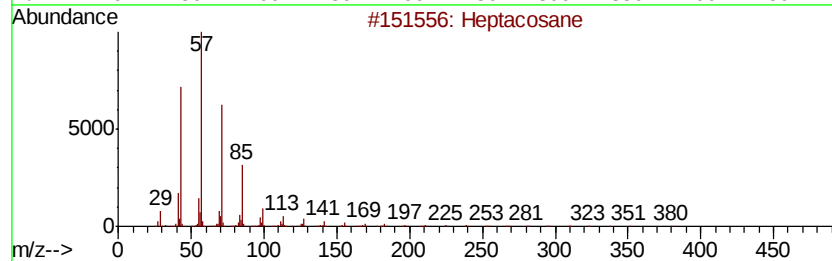
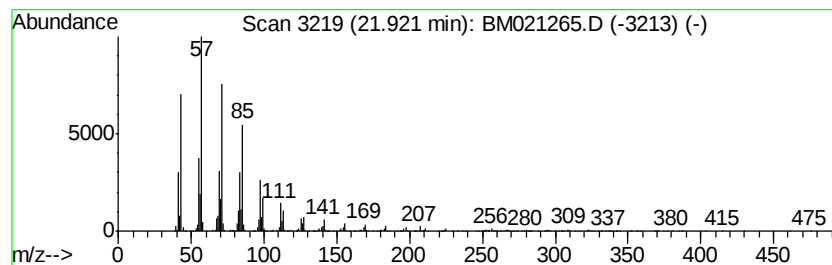
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	10.36 ng/ul	2559190	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Nonadecane	268	C19H40	000629-92-5	94
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Eicosane	282	C20H42	000112-95-8	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

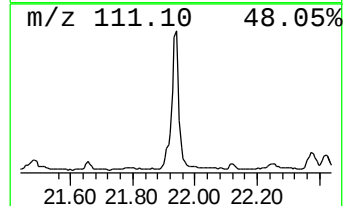
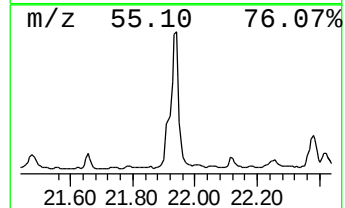
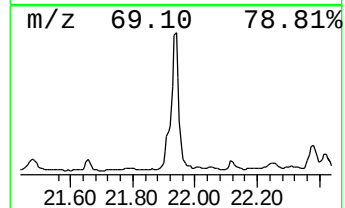
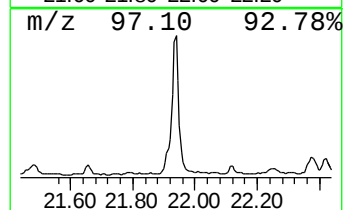
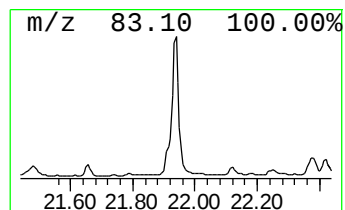
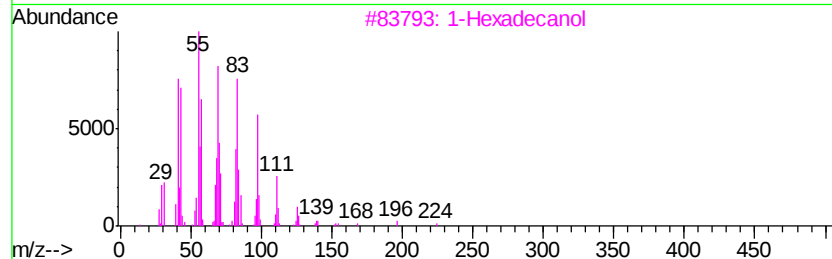
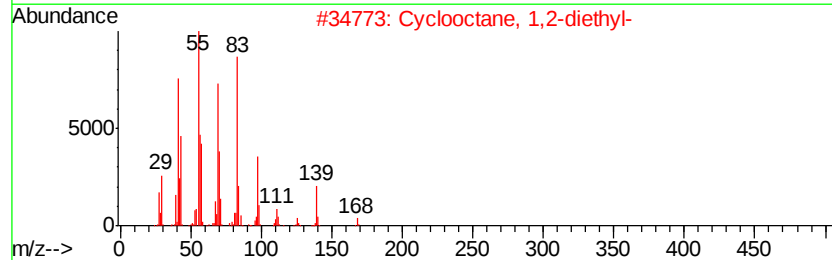
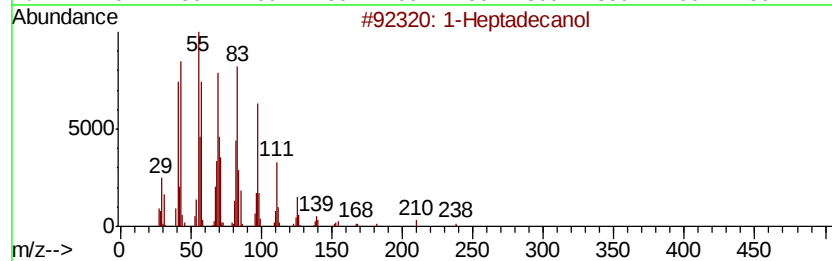
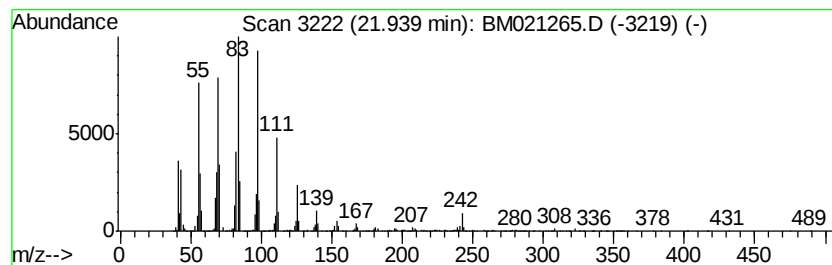
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Heptadecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	20.53 ng/ul	5074200	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptadecanol	256 C17H36O	001454-85-9	50
2	Cyclooctane, 1,2-diethyl-	168 C12H24	023609-46-3	50
3	1-Hexadecanol	242 C16H34O	036653-82-4	49
4	1-Octadecanol	270 C18H38O	000112-92-5	43
5	Cyclopentane, 1,2-dibutyl-	182 C13H26	062199-52-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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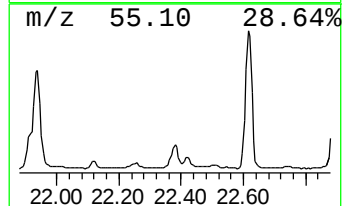
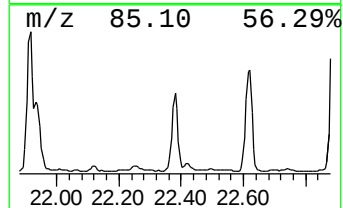
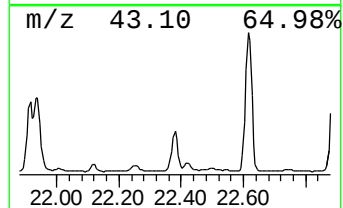
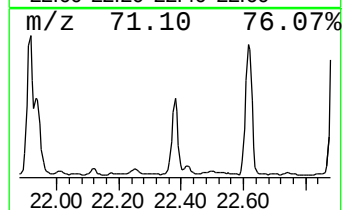
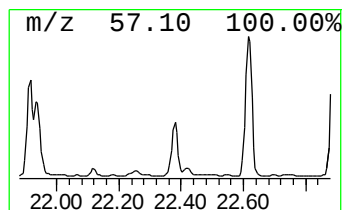
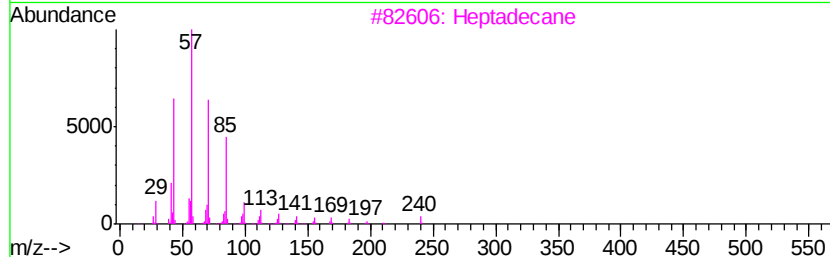
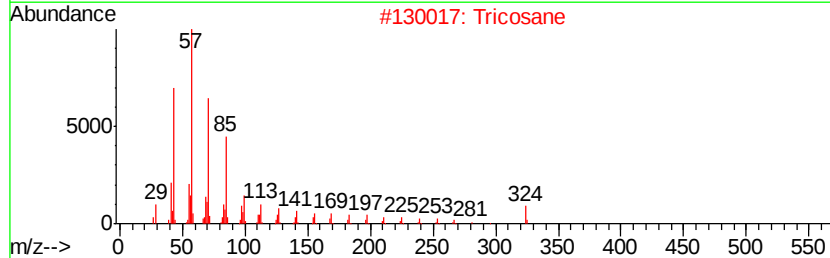
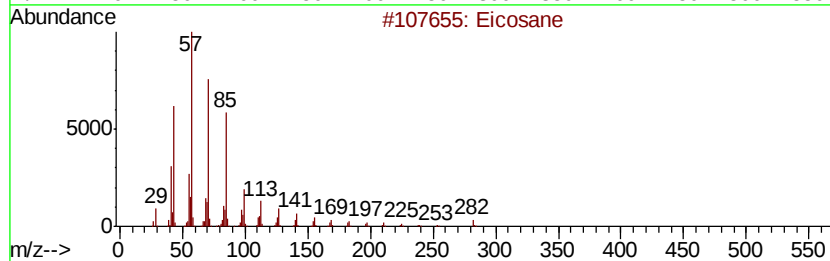
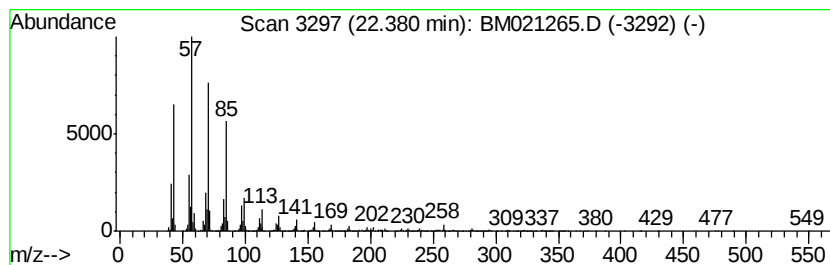
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	8.42 ng/ul	2081230	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Tricosane	324	C23H48	000638-67-5	95
3		Heptadecane	240	C17H36	000629-78-7	94
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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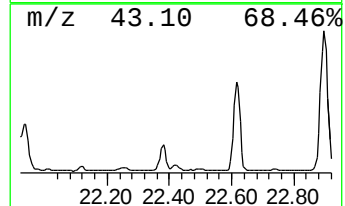
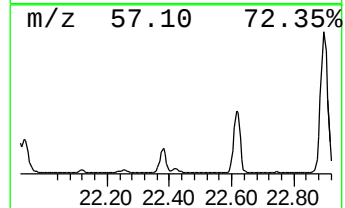
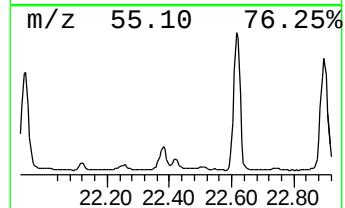
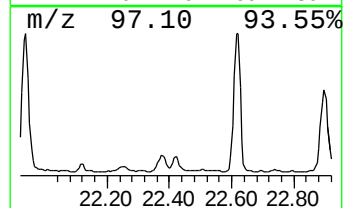
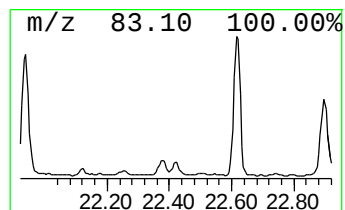
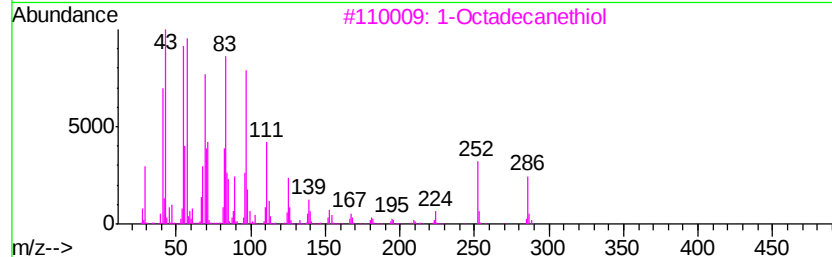
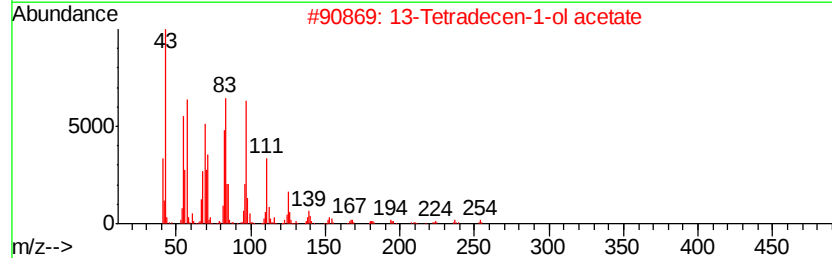
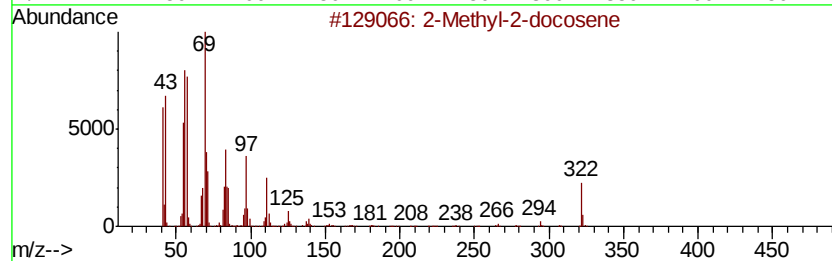
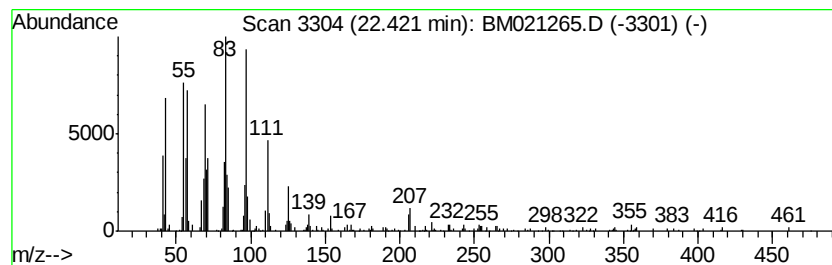
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic22.42 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.23 ng/ul	550353	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-2-docosene	322	C23H46	1000131-16-9	91
2		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
3		1-Octadecanethiol	286	C18H38S	002885-00-9	91
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5		11-Tricosene	322	C23H46	052078-56-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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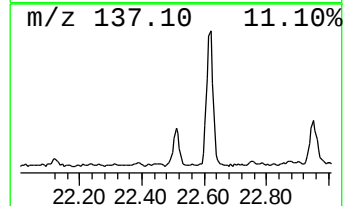
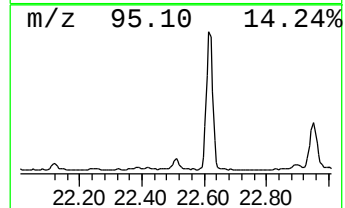
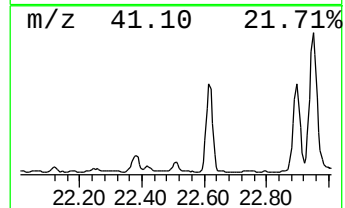
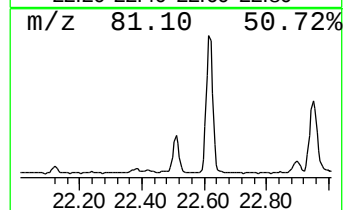
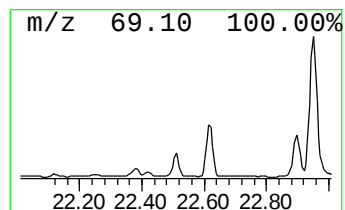
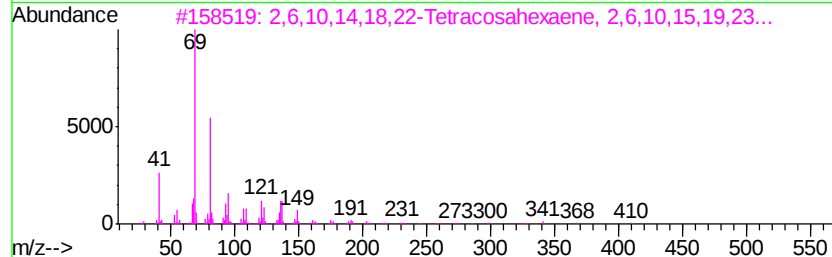
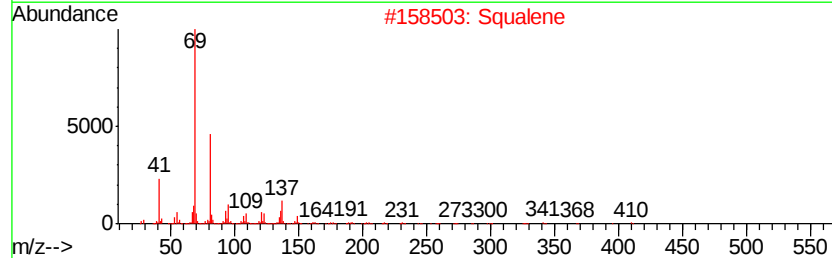
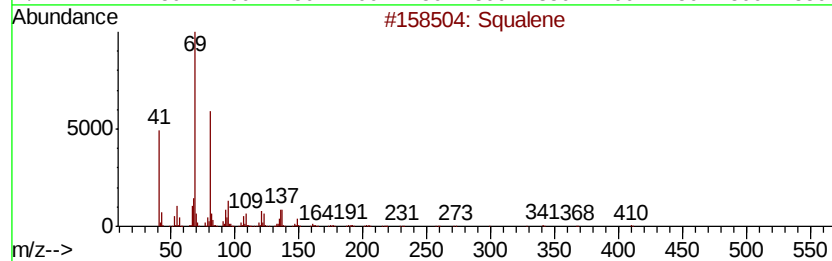
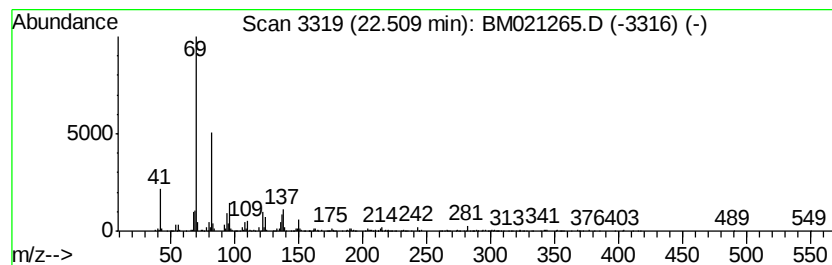
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Squalene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	3.75 ng/ul	596777	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	99
2		Squalene	410	C30H50	007683-64-9	98
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	92
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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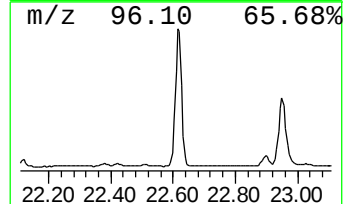
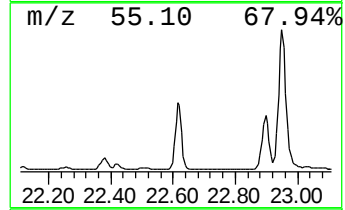
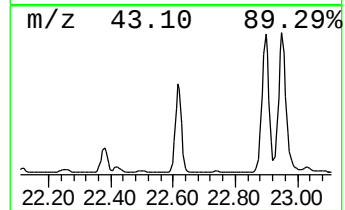
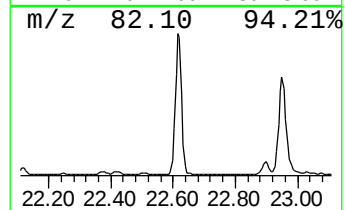
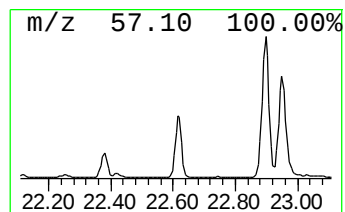
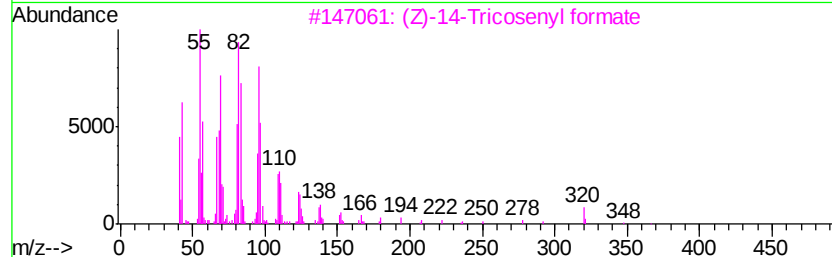
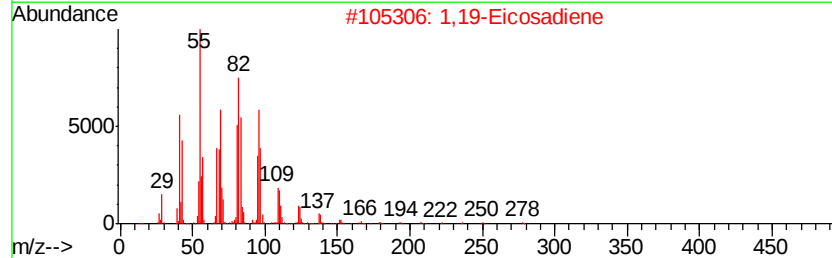
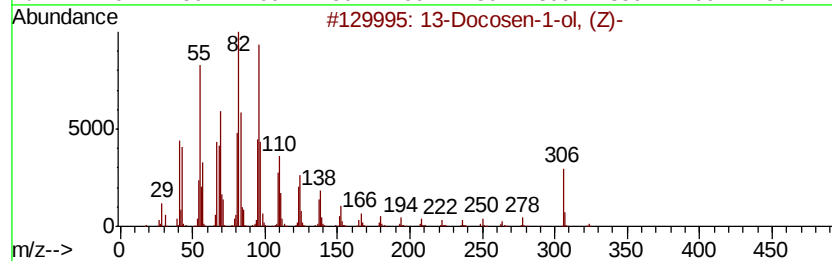
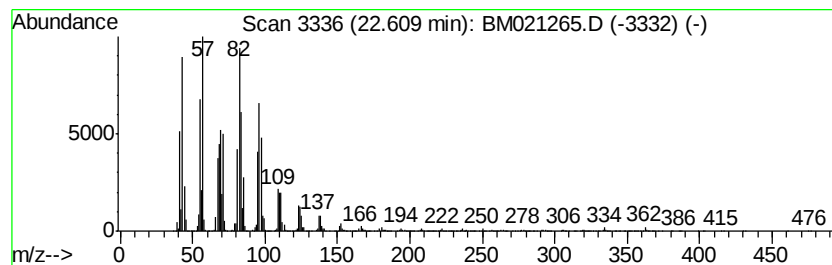
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 13-Docosen-1-ol, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	64.08 ng/ul	10207900	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2		1,19-Eicosadiene	278	C20H38	014811-95-1	95
3		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Octadecanal	268	C18H36O	000638-66-4	91



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Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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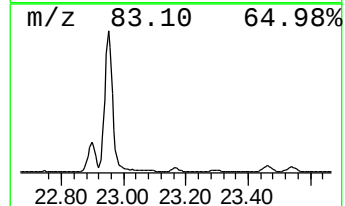
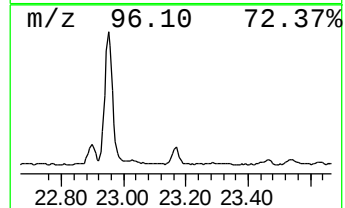
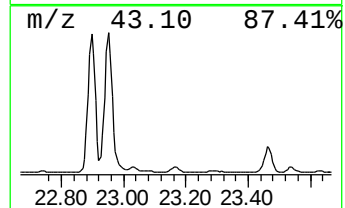
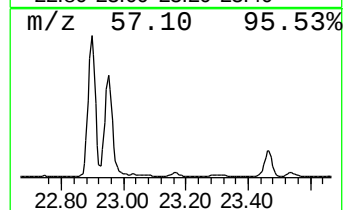
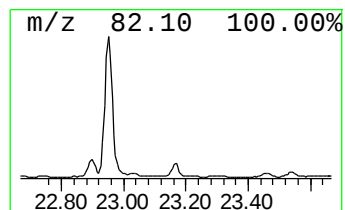
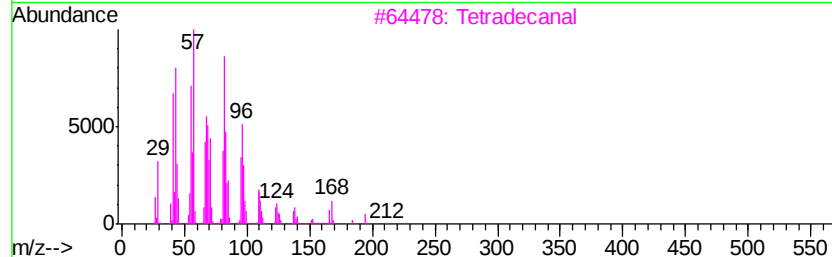
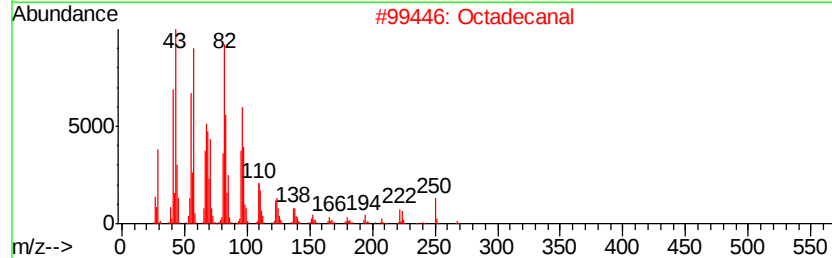
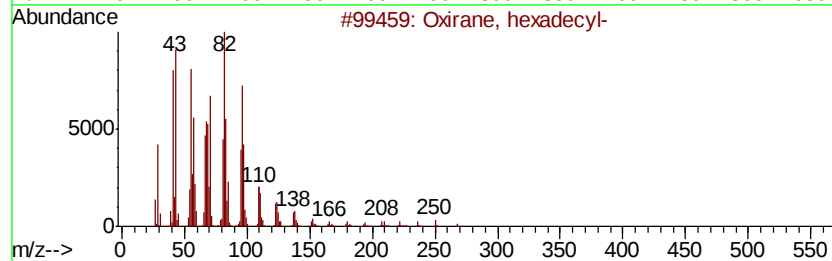
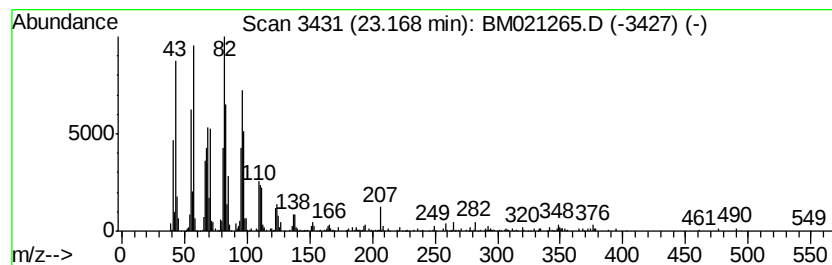
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Oxirane, hexadecyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.05 ng/ul	645089	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2			Octadecanal	268	C18H36O	000638-66-4	91
3			Tetradecanal	212	C14H28O	000124-25-4	90
4			Octadecanal	268	C18H36O	000638-66-4	87
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83



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Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

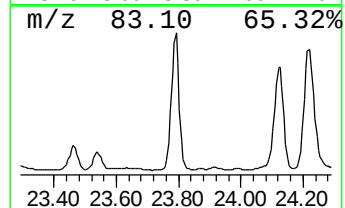
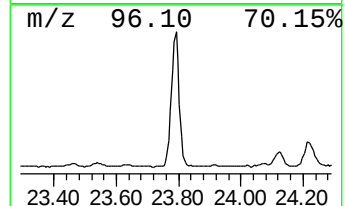
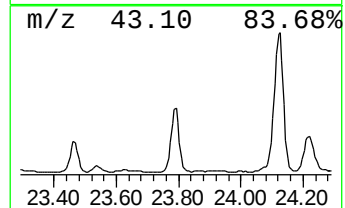
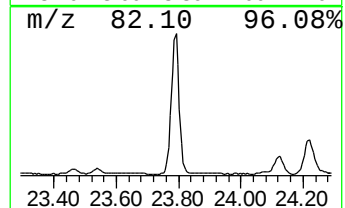
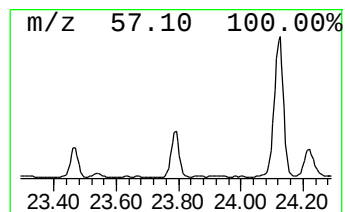
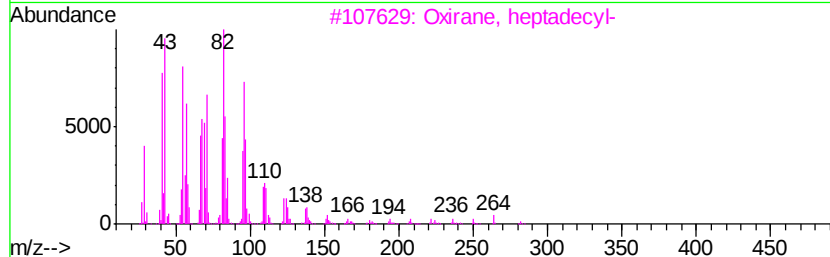
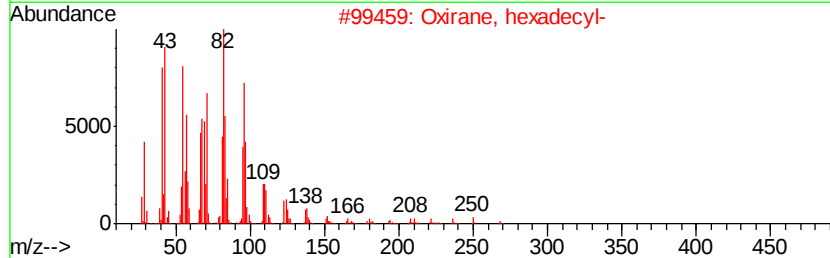
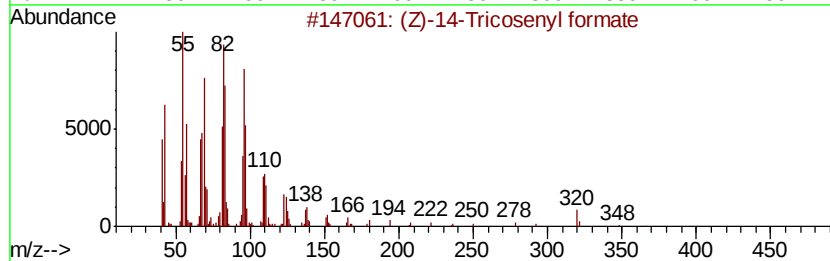
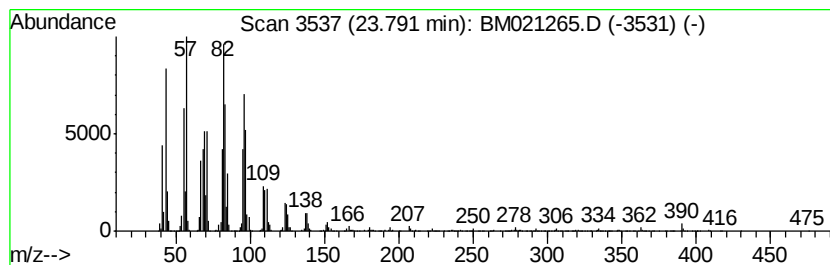
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (Z)-14-Tricosenyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.79	48.99 ng/ul	7804220	Perylene-d12	23.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Octadecanal	268	C18H36O	000638-66-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
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Instrument :
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ClientSampleId :
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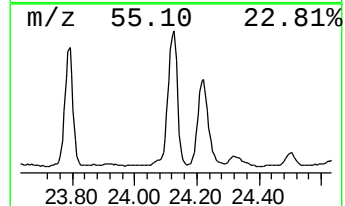
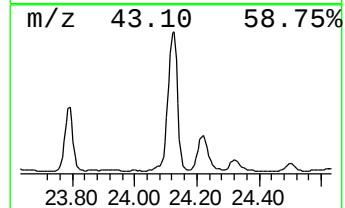
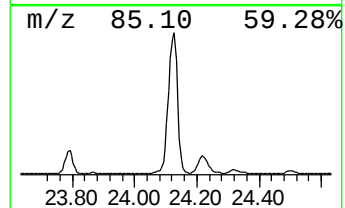
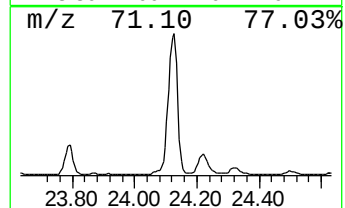
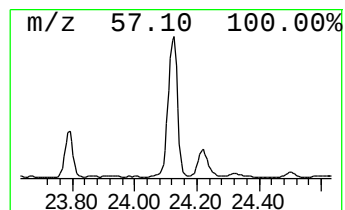
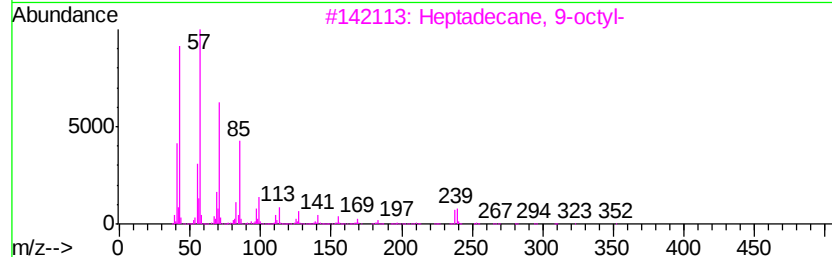
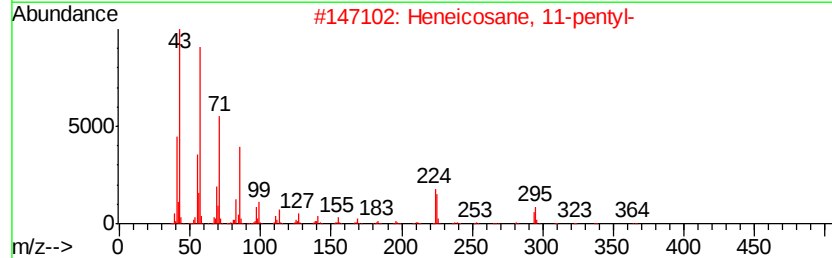
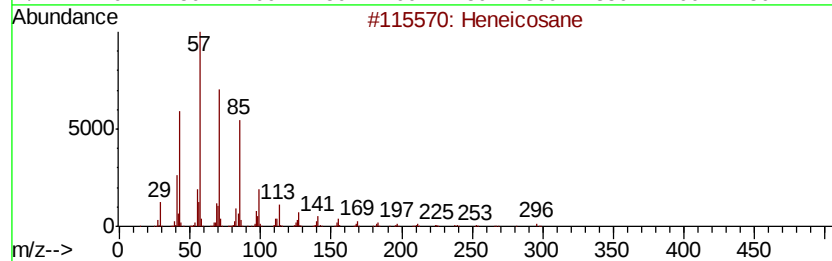
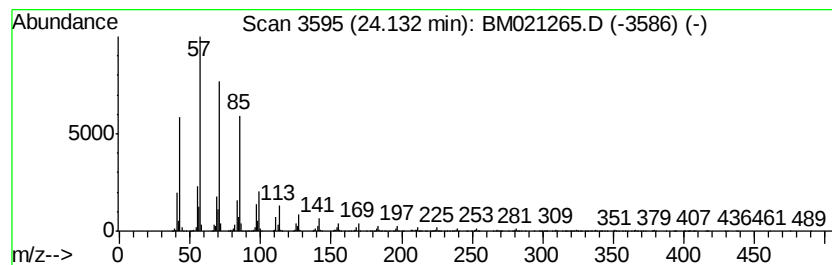
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	82.18 ng/ul	13091500	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
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Instrument :
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ClientSampleId :
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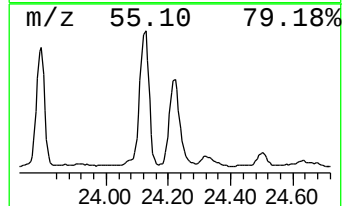
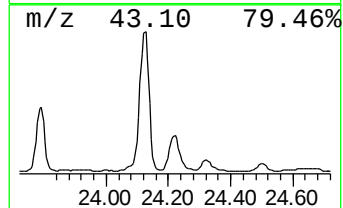
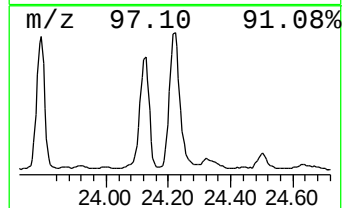
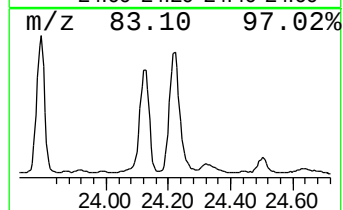
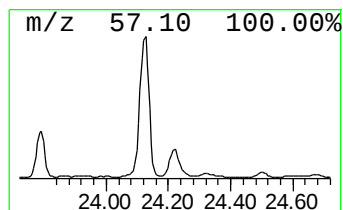
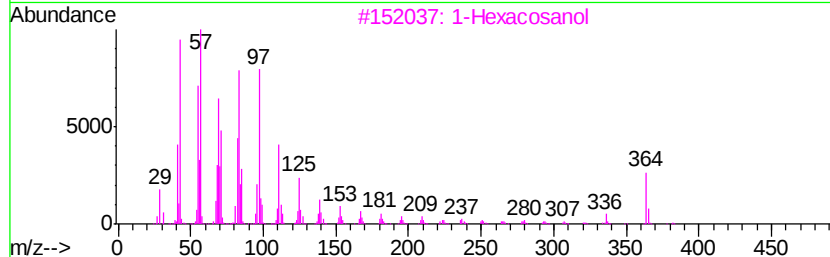
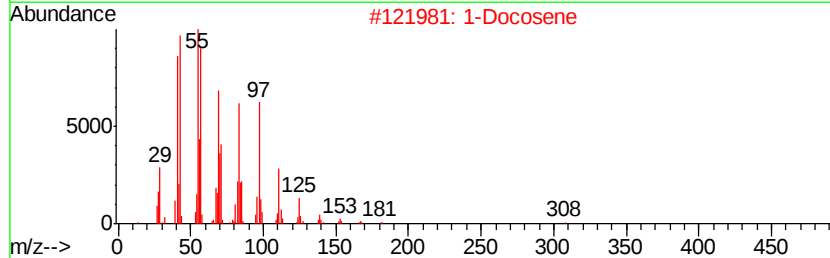
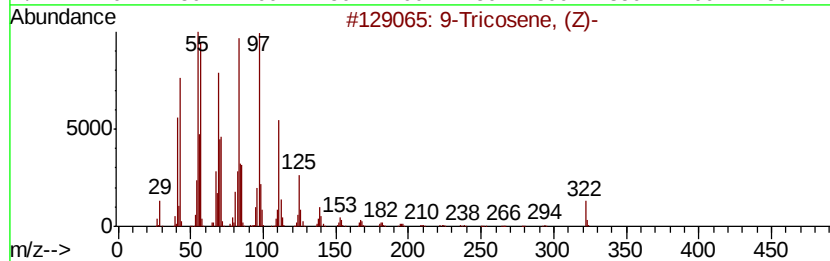
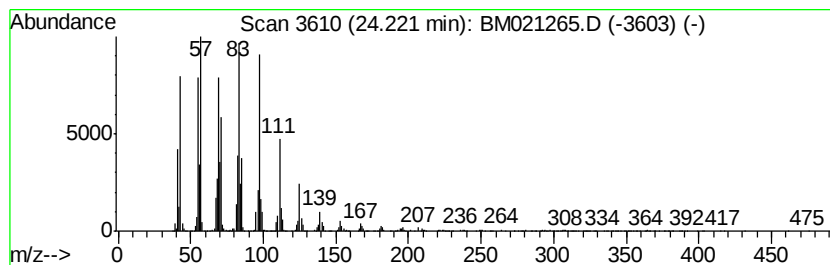
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic24.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	33.68 ng/ul	5365590	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
2		1-Docosene	308	C22H44	001599-67-3	76
3		1-Hexacosanol	382	C26H54O	000506-52-5	74
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	68
5		Cyclooctacosane	392	C28H56	000297-24-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Misc :
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Instrument :
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ClientSampleId :
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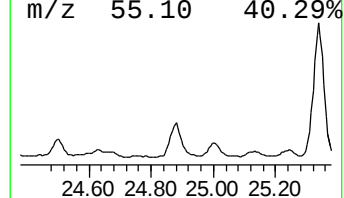
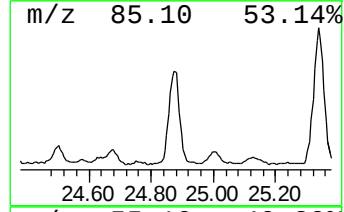
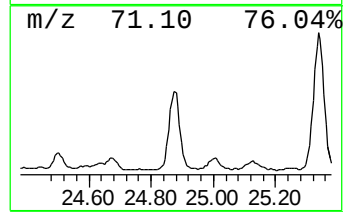
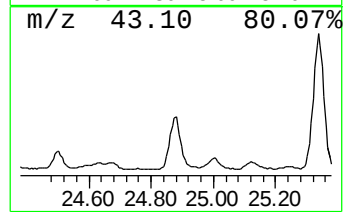
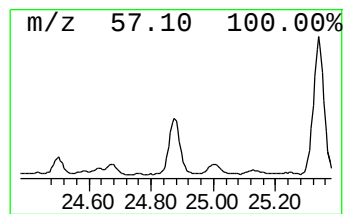
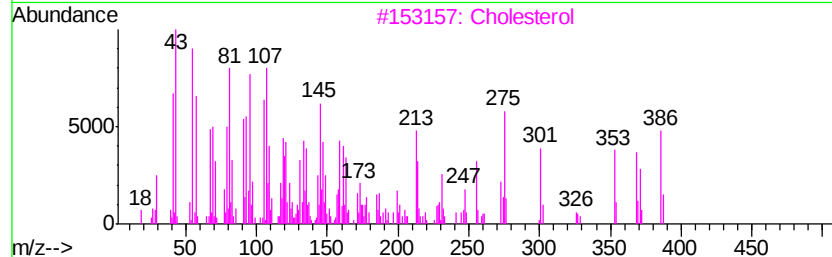
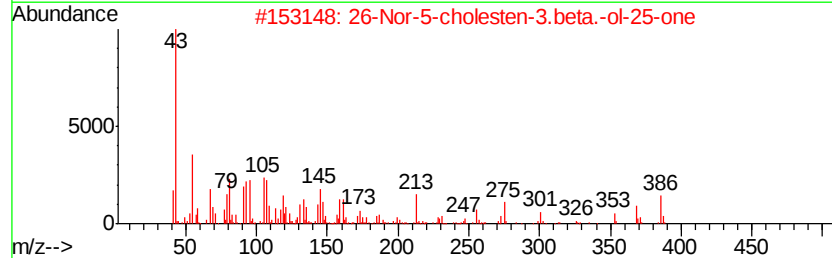
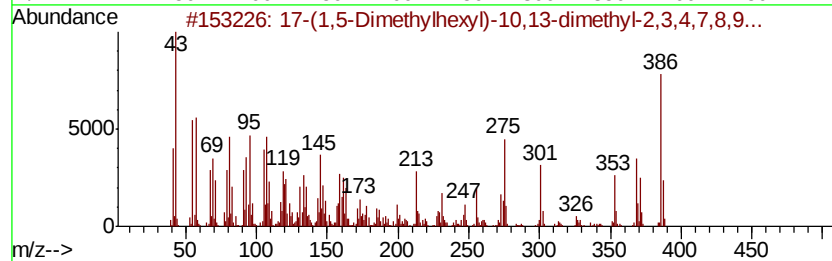
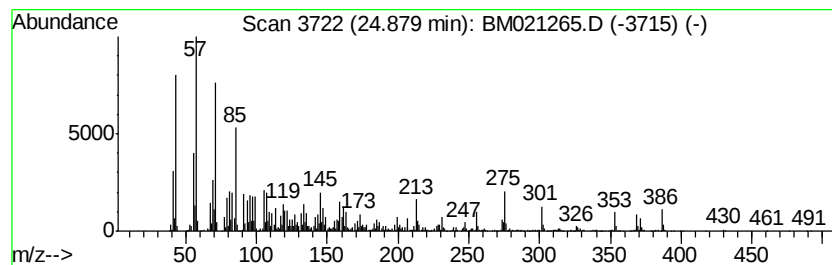
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	26.08 ng/ul	4153680	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	96
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	93
3		Cholesterol	386	C27H46O	000057-88-5	92
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-09
Misc :
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ClientSampleId :
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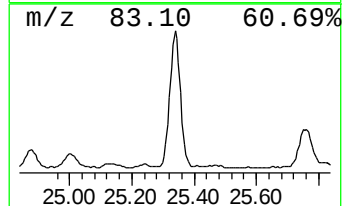
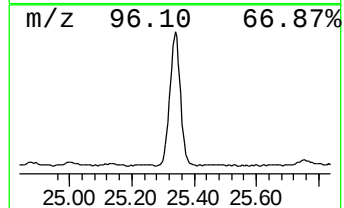
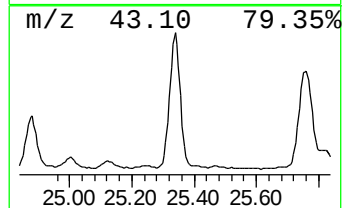
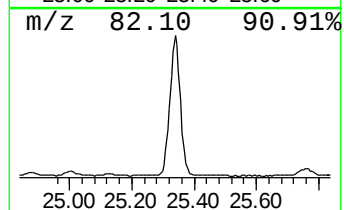
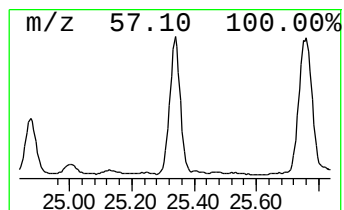
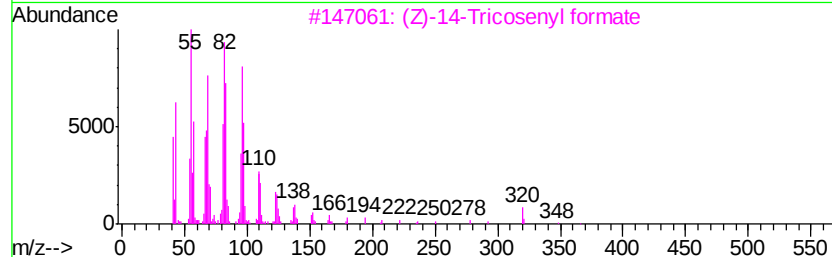
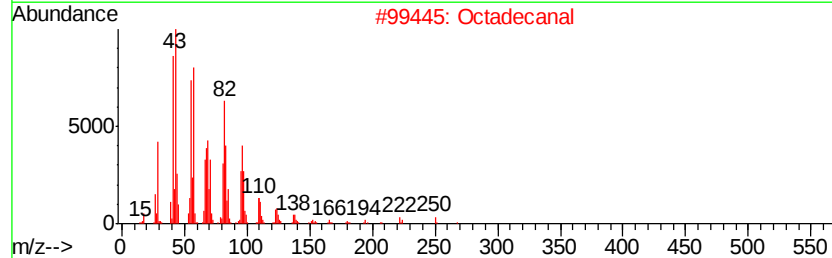
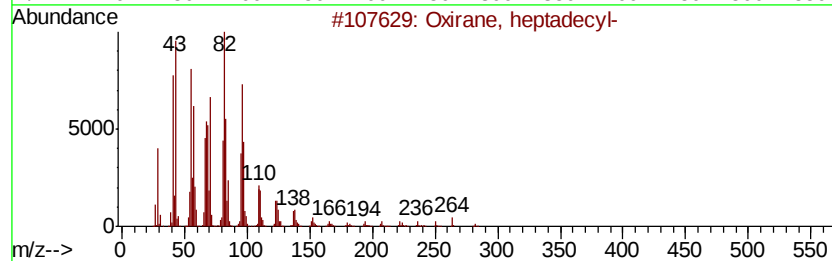
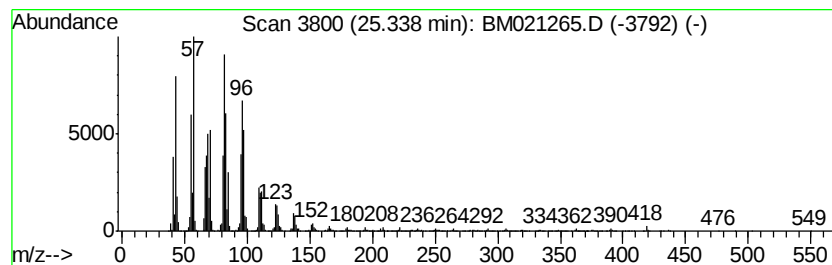
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Oxirane, heptadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	59.30 ng/ul	9445540	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2		Octadecanal	268	C18H36O	000638-66-4	95
3		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
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Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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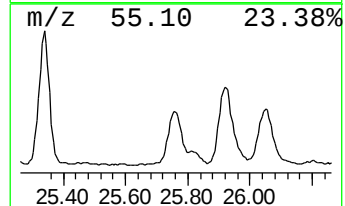
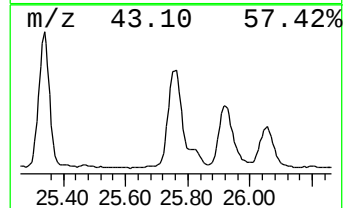
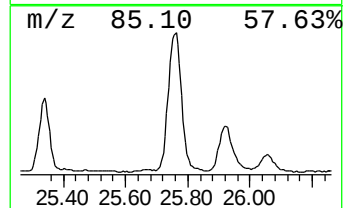
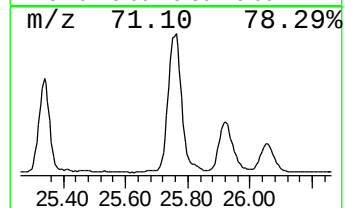
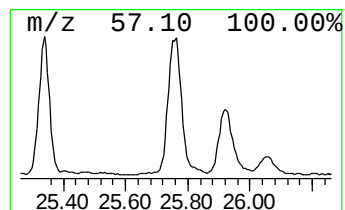
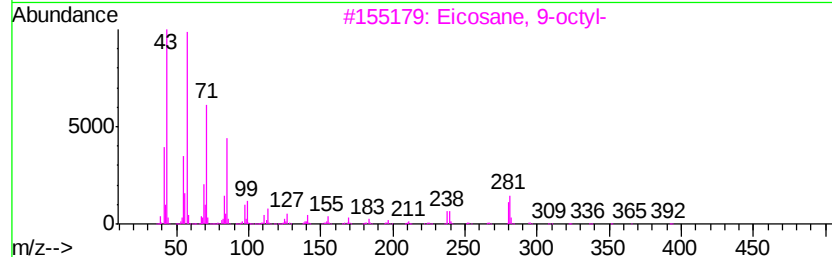
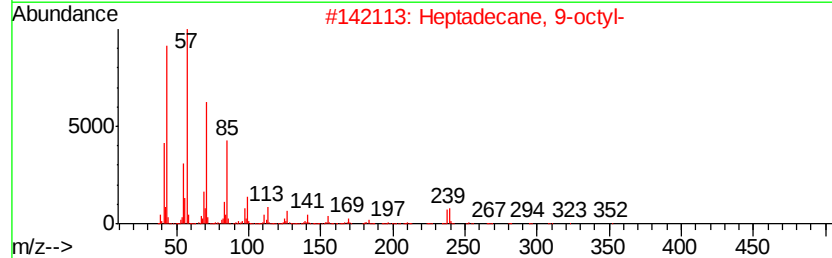
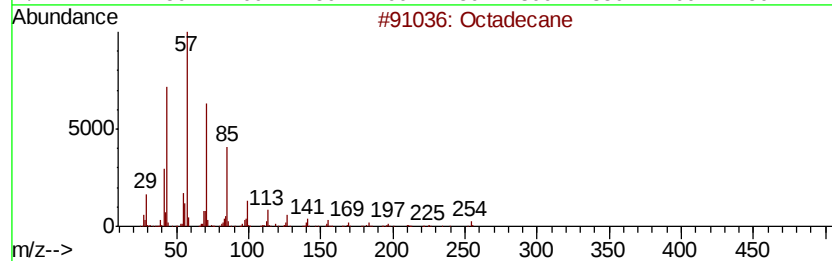
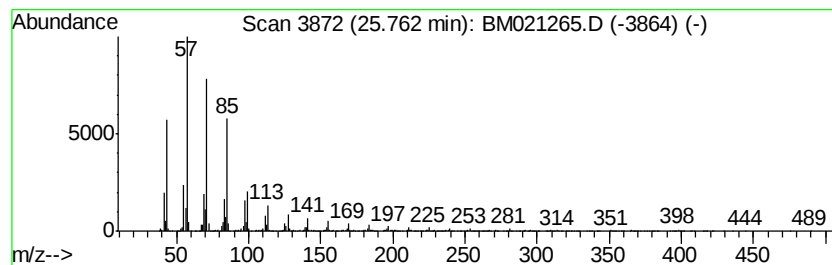
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	34.45 ng/ul	5487350	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4		Triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD6

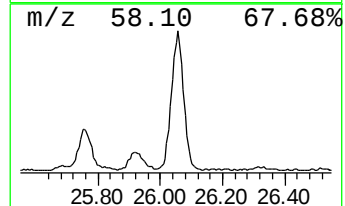
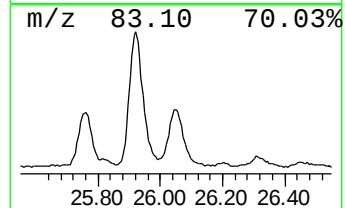
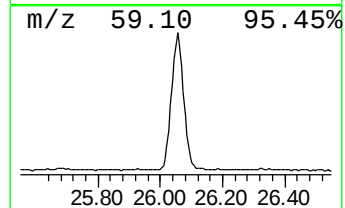
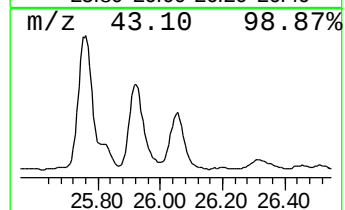
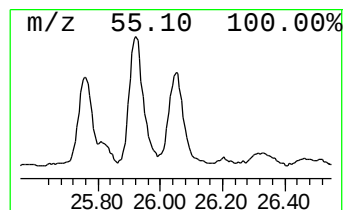
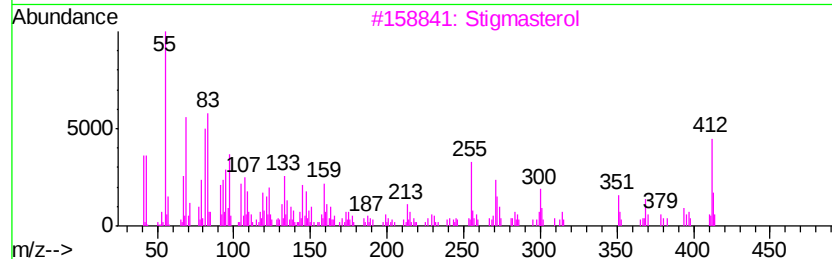
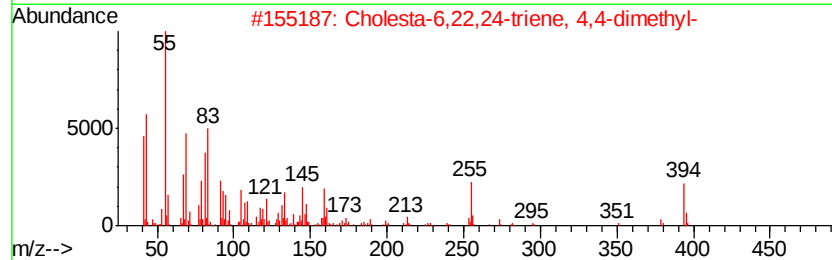
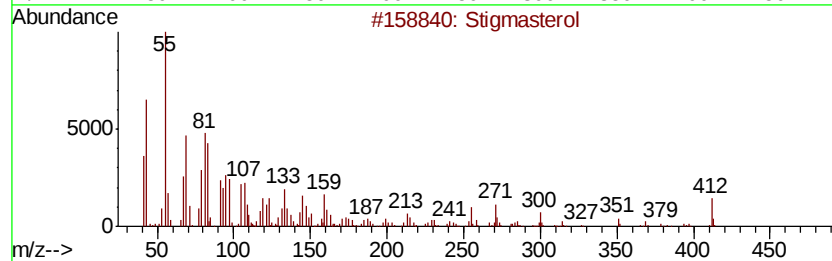
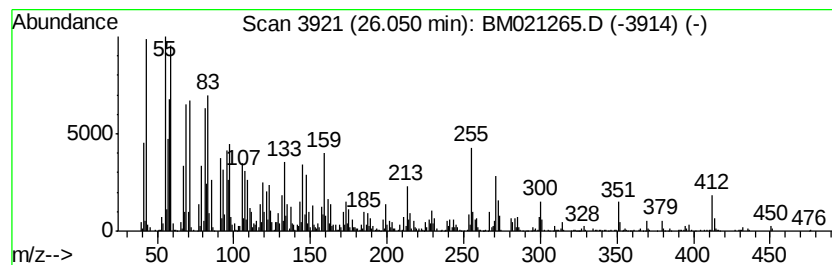
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Stigmasterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	35.95 ng/ul	5726950	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	95
2		Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	78
3		Stigmasterol	412	C29H48O	000083-48-7	53
4		Stigmasterol	412	C29H48O	000083-48-7	49
5		20-Methylpregn-5-en-3beta,16alph...	348	C22H36O3	005359-76-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

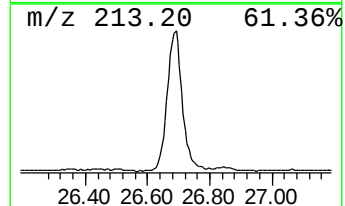
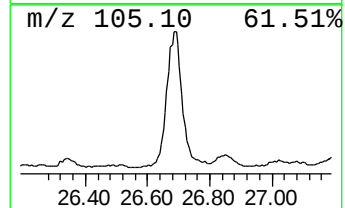
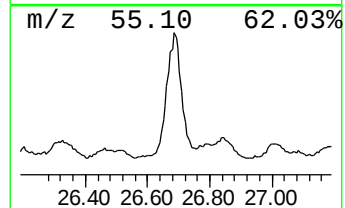
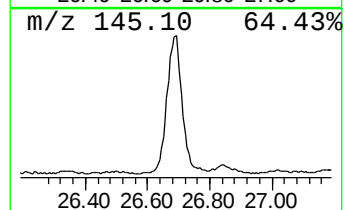
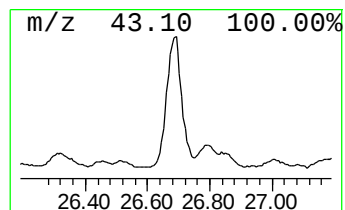
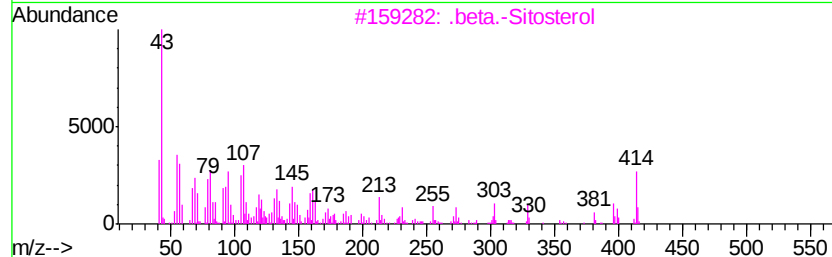
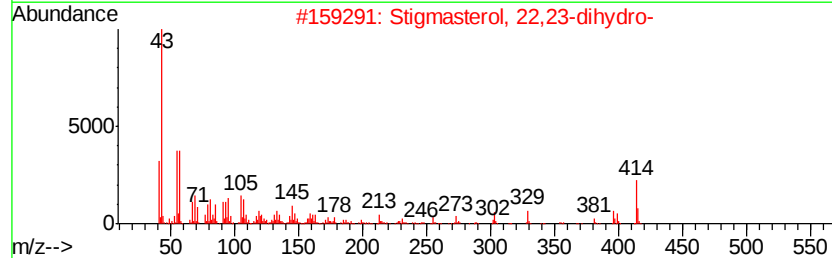
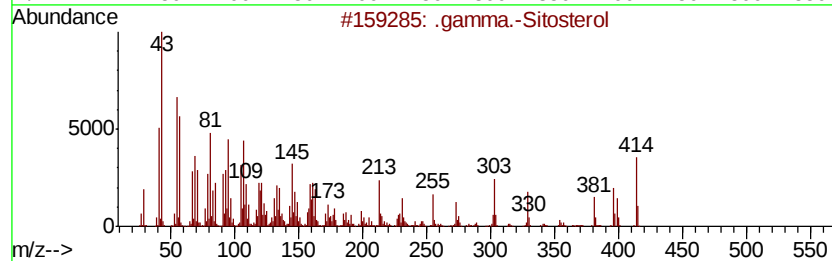
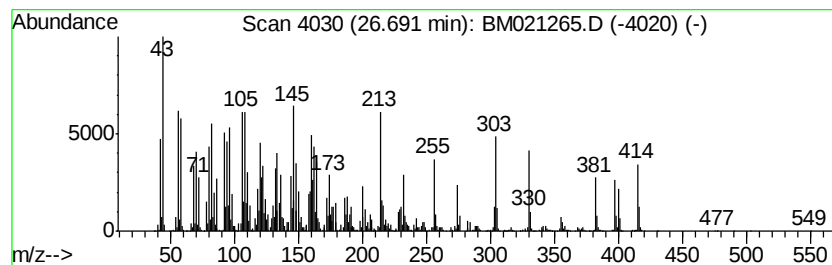
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BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	66.96 ng/ul	10666400	Perylene-d12	23.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 97
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 92
4		.beta.-Sitosterol	414 C29H50O	000083-46-5 48
5		.beta.-Sitosterol	414 C29H50O	000083-46-5 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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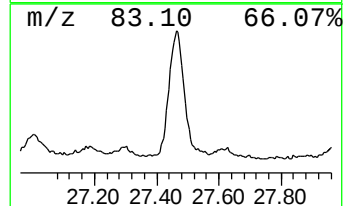
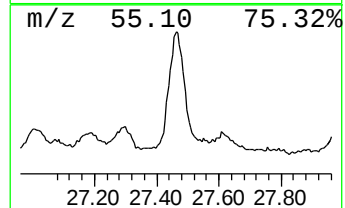
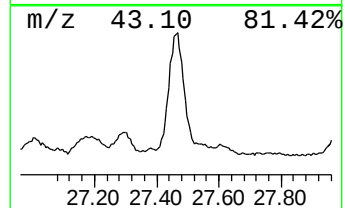
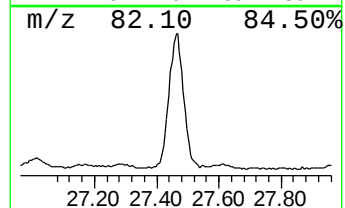
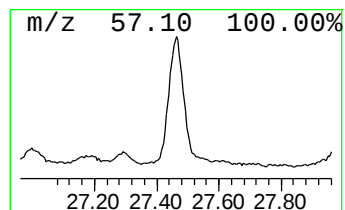
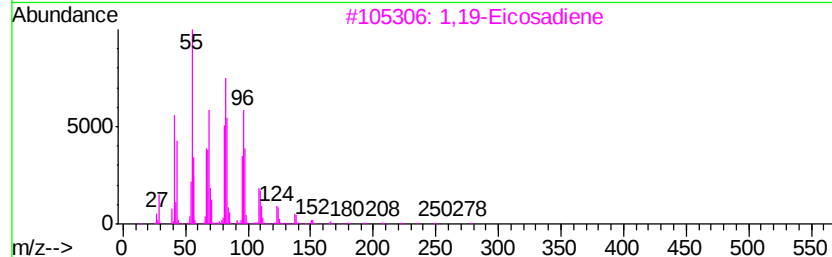
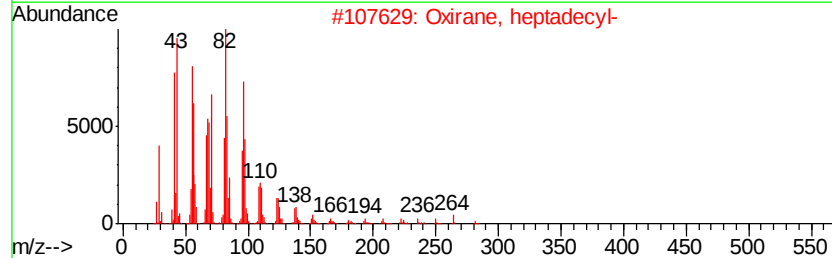
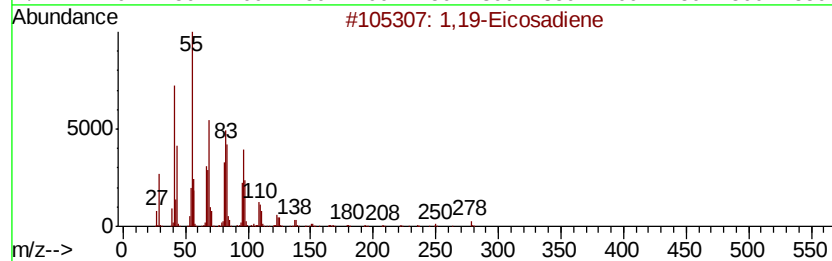
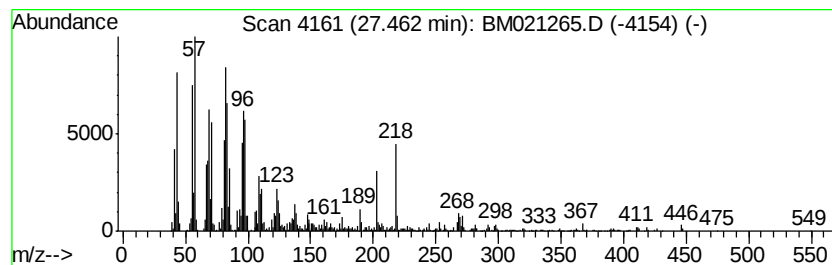
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 1,19-Eicosadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.46	21.31 ng/ul	3394350	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	70
3		1,19-Eicosadiene	278	C20H38	014811-95-1	64
4		1,30-Triacontanediol	454	C30H62O2	036645-68-8	62
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021265.D
Acq On : 29 Jun 2019 17:03
Operator : HP/JU
Sample : K3593-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD6

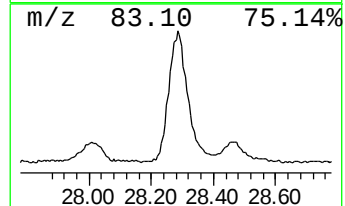
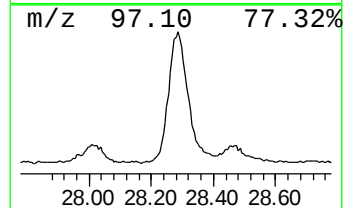
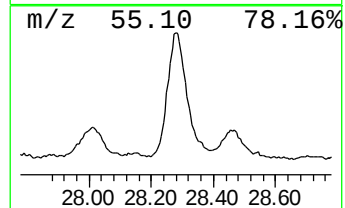
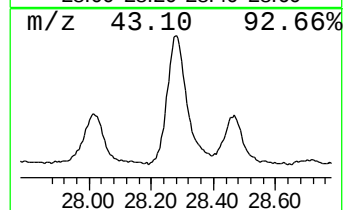
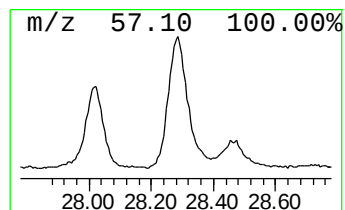
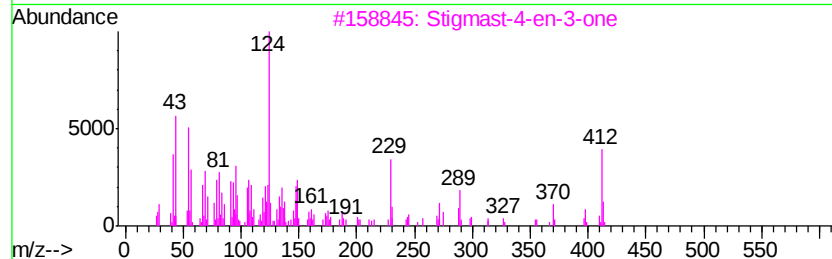
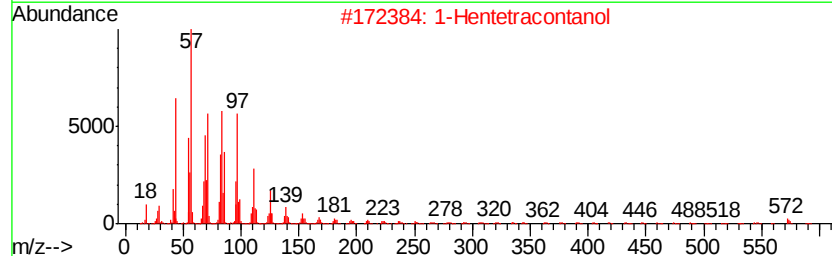
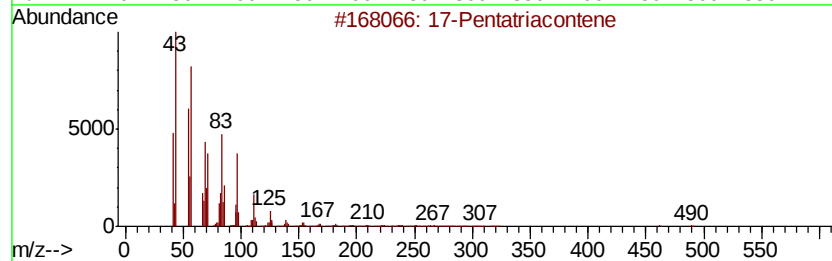
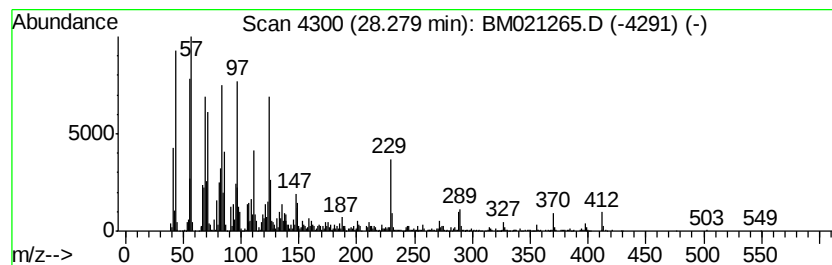
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Cyclic28.28 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.28	40.06 ng/ul	6380880	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	70
2		1-Hentetracontanol	593	C41H84O	040710-42-7	62
3		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	53
4		1-Triacontanol	438	C30H62O	000593-50-0	52
5		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021265.D
 Acq On : 29 Jun 2019 17:03
 Operator : HP/JU
 Sample : K3593-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	35.8	ng/ul	2913460	1	7.76	1627820	20.0
Hexanal	4.35	2.8	ng/ul	226289	1	7.76	1627820	20.0
Cyclotrisiloxane,...	4.40	5.4	ng/ul	435872	1	7.76	1627820	20.0
Cyclotetrasiloxan...	6.86	4.1	ng/ul	330101	1	7.76	1627820	20.0
Nonanal	9.07	2.2	ng/ul	182645	1	7.76	1627820	20.0
Bicyclo[3.1.1]hep...	15.96	2.0	ng/ul	385472	4	17.15	3798650	20.0
(DEL) Alkane: Cyc...	17.53	2.3	ng/ul	442112	4	17.15	3798650	20.0
Hexadecenoic acid...	17.92	3.9	ng/ul	738259	4	17.15	3798650	20.0
n-Hexadecanoic acid	18.04	22.7	ng/ul	4311310	4	17.15	3798650	20.0
unknown-01	18.34	2.2	ng/ul	419647	4	17.15	3798650	20.0
Phytol	19.06	3.0	ng/ul	560695	4	17.15	3798650	20.0
Octadecanoic acid	19.32	4.5	ng/ul	1099960	5	21.33	4942830	20.0
(DEL) Alkane: Str...	20.07	3.7	ng/ul	913498	5	21.33	4942830	20.0
Cinnamyl cinnamate	20.89	9.1	ng/ul	2235810	5	21.33	4942830	20.0
Ethanol, 2-(tetra...	21.04	14.1	ng/ul	3491850	5	21.33	4942830	20.0
(DEL) Alkane: Str...	21.47	4.1	ng/ul	1014230	5	21.33	4942830	20.0
1,22-Docosanediol	21.66	2.5	ng/ul	623898	5	21.33	4942830	20.0
(DEL) Alkane: Str...	21.92	10.4	ng/ul	2559190	5	21.33	4942830	20.0
1-Heptadecanol	21.94	20.5	ng/ul	5074200	5	21.33	4942830	20.0
(DEL) Alkane: Str...	22.38	8.4	ng/ul	2081230	5	21.33	4942830	20.0
(DEL) Alkane: Cyc...	22.42	2.2	ng/ul	550353	5	21.33	4942830	20.0
Squalene	22.51	3.8	ng/ul	596777	6	23.60	3185870	20.0
13-Docosen-1-ol, ...	22.61	64.1	ng/ul	10207900	6	23.60	3185870	20.0
Oxirane, hexadecyl-	23.17	4.0	ng/ul	645089	6	23.60	3185870	20.0
(Z)-14-Tricosenyl...	23.79	49.0	ng/ul	7804220	6	23.60	3185870	20.0
(DEL) Alkane: Str...	24.13	82.2	ng/ul	13091500	6	23.60	3185870	20.0
(DEL) Alkane: Cyc...	24.22	33.7	ng/ul	5365590	6	23.60	3185870	20.0
17-(1,5-Dimethylh...	24.88	26.1	ng/ul	4153680	6	23.60	3185870	20.0
Oxirane, heptadecyl-	25.34	59.3	ng/ul	9445540	6	23.60	3185870	20.0
(DEL) Alkane: Str...	25.76	34.5	ng/ul	5487350	6	23.60	3185870	20.0
Stigmasterol	26.05	36.0	ng/ul	5726950	6	23.60	3185870	20.0
.gamma.-Sitosterol	26.69	67.0	ng/ul	10666400	6	23.60	3185870	20.0
1,19-Eicosadiene	27.46	21.3	ng/ul	3394350	6	23.60	3185870	20.0
(DEL) Alkane: Cyc...	28.28	40.1	ng/ul	6380880	6	23.60	3185870	20.0