

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021274.D
 Acq On : 29 Jun 2019 22:29
 Operator : HP/JU
 Sample : K3593-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC4

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	20	rVB	2219381	2672287	18.90%	1.470%
2	4.352	228	232	237	rBV	165597	222336	1.57%	0.122%
3	4.404	237	241	251	rVB	242331	322833	2.28%	0.178%
4	5.828	479	483	488	rBV2	56696	77830	0.55%	0.043%
5	6.440	582	587	592	rVB2	65666	103022	0.73%	0.057%
6	6.863	653	659	664	rBV	166896	243406	1.72%	0.134%
7	6.934	664	671	682	rVB	990530	1638743	11.59%	0.901%
8	7.098	694	699	712	rVB	755740	1211217	8.57%	0.666%
9	7.293	725	732	740	rBV	1061482	1631430	11.54%	0.897%
10	7.451	754	759	766	rVB2	50469	77359	0.55%	0.043%
11	7.757	804	811	818	rBV	1034166	1659545	11.74%	0.913%
12	7.887	828	833	837	rVB	43679	65985	0.47%	0.036%
13	8.010	850	854	858	rVV3	34763	61199	0.43%	0.034%
14	8.057	858	862	869	rVB3	41126	64139	0.45%	0.035%
15	8.357	906	913	924	rVB3	48566	83080	0.59%	0.046%
16	8.469	925	932	941	rBV	1218628	2060798	14.58%	1.133%
17	8.922	1001	1009	1019	rBV	1074588	1750454	12.38%	0.963%
18	9.069	1029	1034	1048	rVB2	116158	192398	1.36%	0.106%
19	9.287	1066	1071	1078	rVB	137548	200334	1.42%	0.110%
20	9.639	1120	1131	1140	rBV	906610	1537678	10.88%	0.846%
21	9.957	1178	1185	1191	rBV3	44171	71470	0.51%	0.039%
22	10.169	1214	1221	1234	rBV	1467825	2512112	17.77%	1.382%
23	10.545	1277	1285	1292	rBV	1569587	2567666	18.16%	1.412%
24	10.692	1303	1310	1327	rBV	730521	1363194	9.64%	0.750%
25	11.222	1395	1400	1409	rBV3	69838	121669	0.86%	0.067%
26	11.486	1435	1445	1453	rBV2	93149	157895	1.12%	0.087%
27	11.775	1490	1494	1503	rVB	82139	122657	0.87%	0.067%
28	12.845	1671	1676	1681	rBV2	98240	136553	0.97%	0.075%
29	13.257	1741	1746	1755	rVV4	44159	78035	0.55%	0.043%
30	13.710	1818	1823	1830	rVB3	59902	92556	0.65%	0.051%
31	13.816	1830	1841	1845	rBV	2692606	3837576	27.14%	2.111%
32	13.863	1845	1849	1854	rVV	375779	538411	3.81%	0.296%
33	14.092	1882	1888	1895	rBV	3036227	4601274	32.54%	2.531%
34	14.145	1895	1897	1906	rVB2	50060	73912	0.52%	0.041%

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

35	14.404	1934	1941	1947	rVV2	2358438	3657442	25.87%	2.011%
36	14.457	1947	1950	1963	rVB8	63458	135675	0.96%	0.075%
37	14.621	1971	1978	1989	rBV	757496	1450108	10.26%	0.798%
38	14.710	1989	1993	1999	rVB	100378	154766	1.09%	0.085%
39	15.057	2047	2052	2060	rVB7	46493	111265	0.79%	0.061%
40	15.345	2097	2101	2104	rBV	50702	68997	0.49%	0.038%
41	15.398	2104	2110	2116	rVB	3968236	5635580	39.86%	3.099%
42	15.527	2126	2132	2140	rBV	728055	1026900	7.26%	0.565%
43	15.633	2144	2150	2157	rVB3	114687	205162	1.45%	0.113%
44	15.774	2170	2174	2179	rBV3	60638	75702	0.54%	0.042%
45	15.963	2198	2206	2212	rVB5	189424	348203	2.46%	0.191%
46	16.027	2212	2217	2225	rBV9	40824	100672	0.71%	0.055%
47	16.110	2226	2231	2239	rVB5	55116	133442	0.94%	0.073%
48	16.474	2285	2293	2300	rBV2	135080	223356	1.58%	0.123%
49	16.545	2301	2305	2310	rBV2	77083	105456	0.75%	0.058%
50	16.768	2338	2343	2347	rBV2	116648	192199	1.36%	0.106%
51	16.898	2358	2365	2369	rBV5	57954	115182	0.81%	0.063%
52	16.968	2374	2377	2385	rVB3	45389	69767	0.49%	0.038%
53	17.045	2385	2390	2392	rBV2	67528	97195	0.69%	0.053%
54	17.104	2397	2400	2403	rBV4	50609	71859	0.51%	0.040%
55	17.151	2403	2408	2412	rVV2	2785175	3893292	27.54%	2.141%
56	17.192	2412	2415	2419	rVV	392221	542850	3.84%	0.299%
57	17.251	2419	2425	2434	rVV	3598820	5356007	37.88%	2.946%
58	17.527	2468	2472	2481	rVB2	203100	340227	2.41%	0.187%
59	17.921	2534	2539	2545	rBV	111437	205121	1.45%	0.113%
60	17.980	2545	2549	2554	rVV	187171	285233	2.02%	0.157%
61	18.039	2554	2559	2569	rVV2	907105	1550647	10.97%	0.853%
62	18.221	2585	2590	2593	rBV2	97952	180294	1.28%	0.099%
63	18.333	2605	2609	2614	rBV5	88615	173269	1.23%	0.095%
64	18.574	2647	2650	2653	rBV3	53677	65892	0.47%	0.036%
65	18.904	2703	2706	2709	rBV2	64363	78132	0.55%	0.043%
66	18.962	2713	2716	2719	rVB	114541	133107	0.94%	0.073%
67	19.062	2728	2733	2745	rVB2	335591	567004	4.01%	0.312%
68	19.174	2749	2752	2753	rBV	134403	129547	0.92%	0.071%
69	19.209	2753	2758	2763	rVB	1067085	1496537	10.58%	0.823%
70	19.321	2773	2777	2781	rBV2	216566	301707	2.13%	0.166%
71	19.545	2810	2815	2819	rBV	3815041	5349552	37.84%	2.942%

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72	19.615	2825	2827	2830	rVB	103930	94100	0.67%	0.052%
73	20.056	2898	2902	2903	rBV2	244483	291807	2.06%	0.160%
74	20.074	2903	2905	2909	rVB2	353966	418295	2.96%	0.230%
75	20.886	3039	3043	3049	rBV	1429580	1739341	12.30%	0.957%
76	21.039	3065	3069	3078	rVB	2031459	2486362	17.59%	1.367%
77	21.239	3101	3103	3107	rVB	371582	387940	2.74%	0.213%
78	21.333	3113	3119	3123	rBV2	2728965	3945593	27.91%	2.170%
79	21.368	3123	3125	3134	rVB	488931	626785	4.43%	0.345%
80	21.656	3171	3174	3178	rVB2	449127	524735	3.71%	0.289%
81	21.915	3214	3218	3219	rBV2	1414967	1577116	11.15%	0.867%
82	21.939	3219	3222	3230	rVB	2615579	3499892	24.75%	1.925%
83	22.121	3250	3253	3259	rVB3	331150	402378	2.85%	0.221%
84	22.380	3293	3297	3301	rBV3	601985	836731	5.92%	0.460%
85	22.615	3332	3337	3347	rVB	5964815	8411805	59.49%	4.626%
86	22.897	3379	3385	3389	rBV	5669424	8996305	63.63%	4.948%
87	22.950	3389	3394	3404	rVB	8672809	14138961	100.00%	7.776%
88	23.462	3475	3481	3487	rBV	3025755	5243345	37.08%	2.884%
89	23.609	3500	3506	3513	rBV	1743199	3222501	22.79%	1.772%
90	23.791	3531	3537	3545	rVB	3977322	6759394	47.81%	3.717%
91	24.121	3587	3593	3602	rVB	4735137	9340680	66.06%	5.137%
92	24.221	3604	3610	3621	rVB	1696371	3631013	25.68%	1.997%
93	24.885	3717	3723	3736	rVB2	1467039	3658729	25.88%	2.012%
94	25.338	3793	3800	3810	rVB	3436413	8015497	56.69%	4.408%
95	25.762	3865	3872	3878	rBV	1429037	3690993	26.11%	2.030%
96	25.921	3893	3899	3912	rVB2	1177577	3500576	24.76%	1.925%
97	26.050	3915	3921	3938	rVB2	1462839	4402288	31.14%	2.421%
98	26.685	4021	4029	4042	rVB2	2641087	8235433	58.25%	4.529%
99	27.468	4155	4162	4171	rVB3	943732	2803093	19.83%	1.542%
100	28.273	4294	4299	4320	rVB6	1111231	4170938	29.50%	2.294%

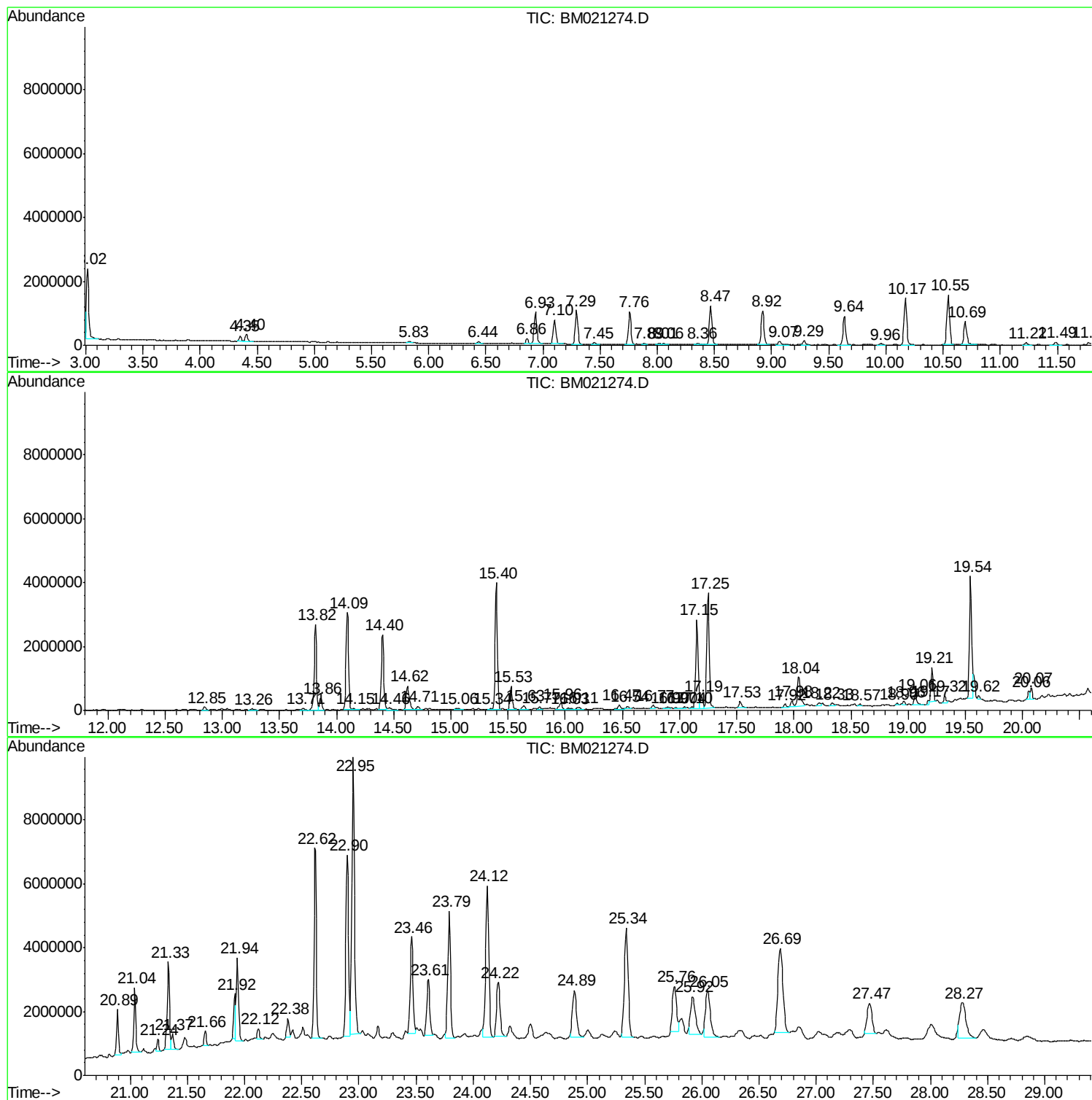
Sum of corrected areas: 181831025

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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



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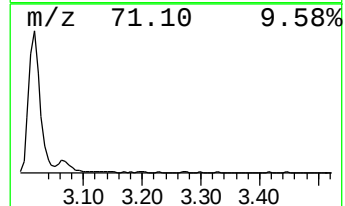
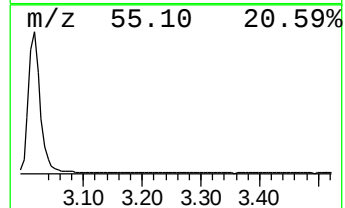
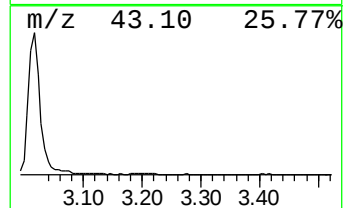
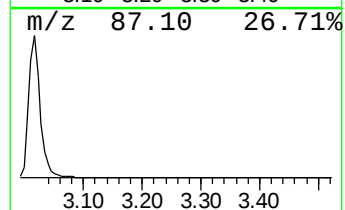
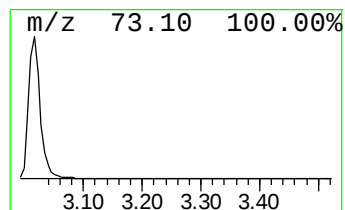
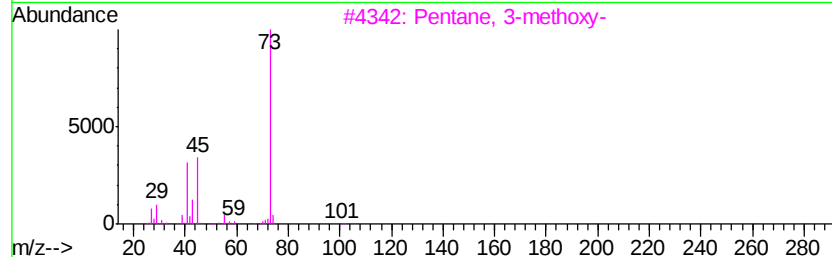
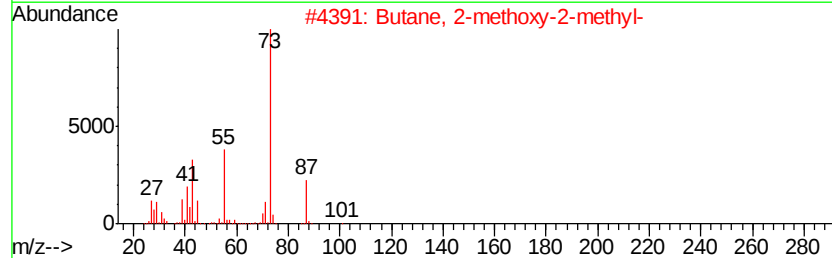
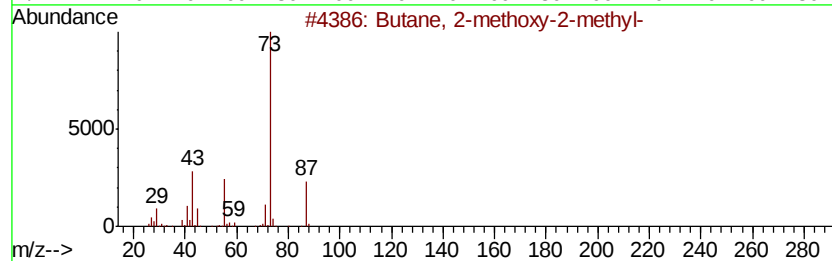
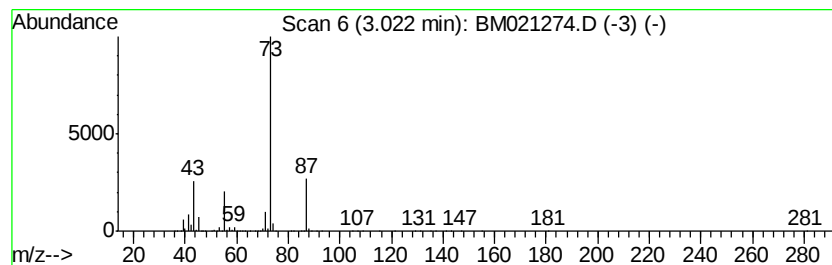
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	32.21 ng/ul	2672290	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	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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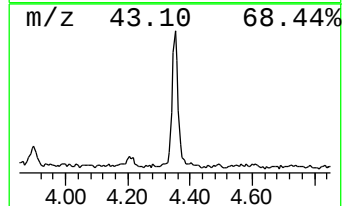
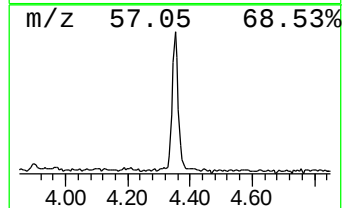
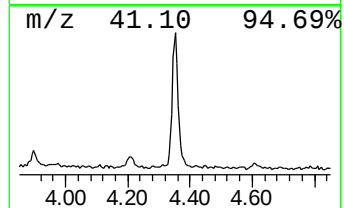
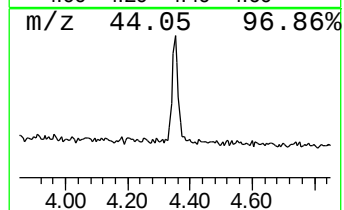
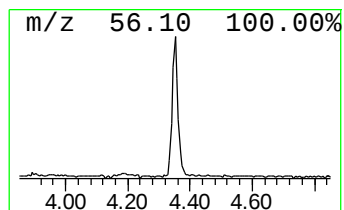
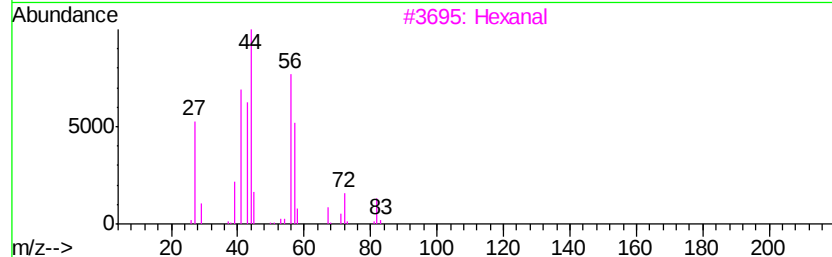
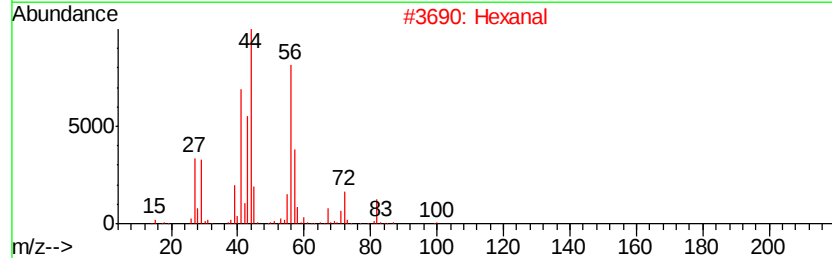
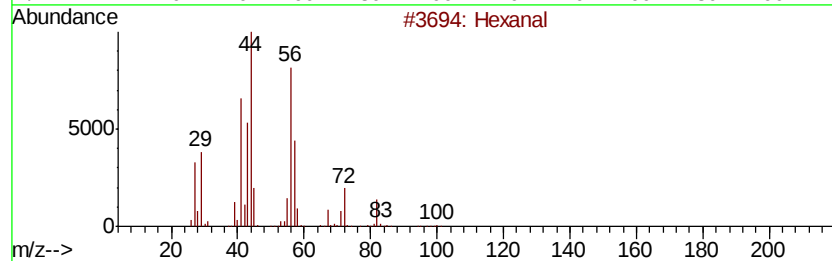
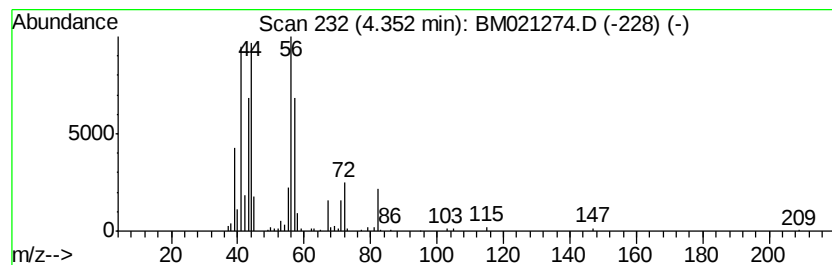
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexanal Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.68 ng/ul	222336	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	64
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	59
4		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	38
5		Hexanal	100	C6H12O	000066-25-1	38



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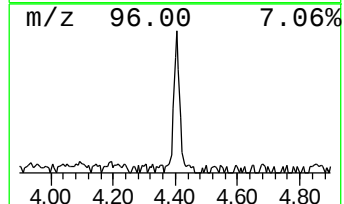
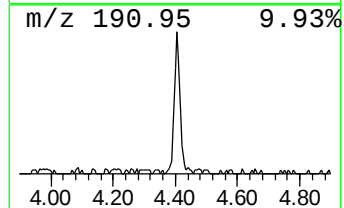
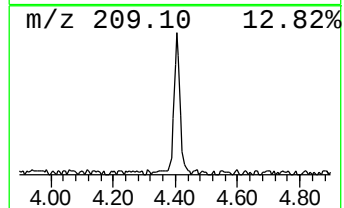
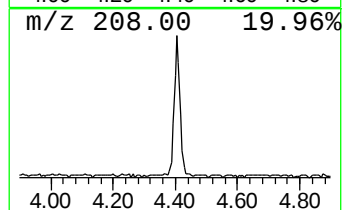
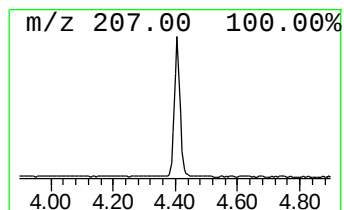
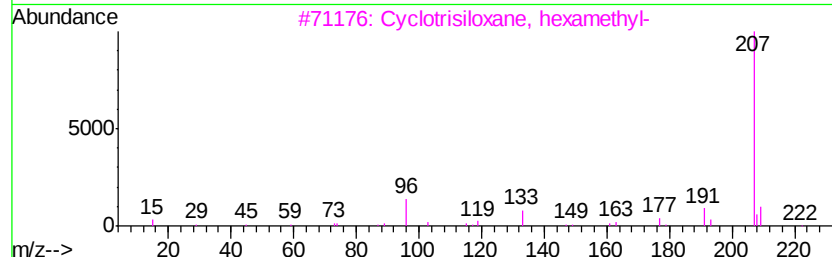
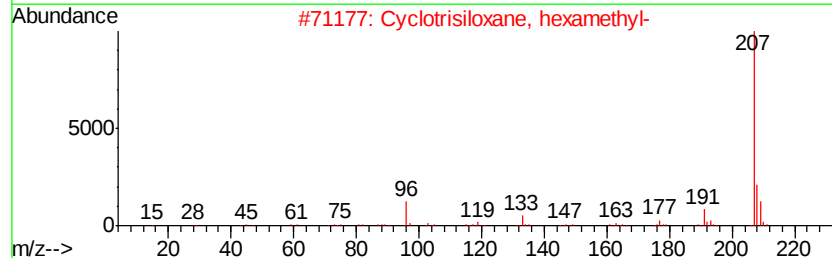
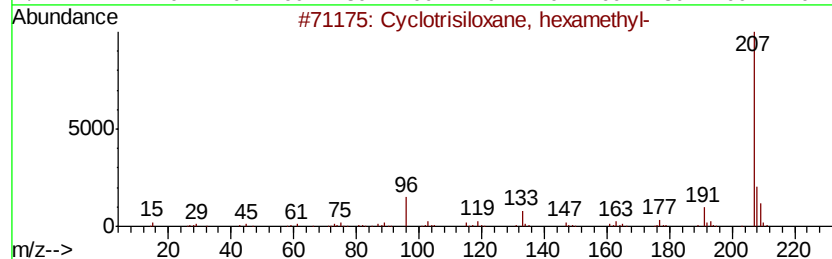
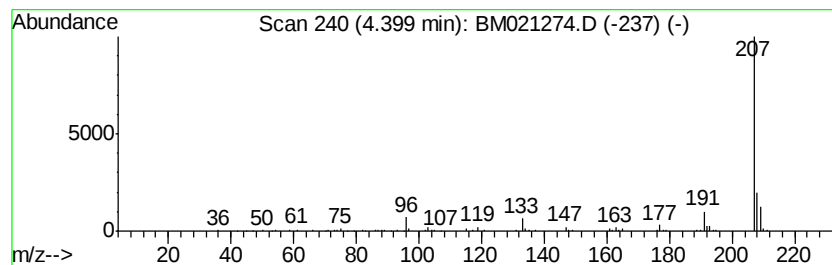
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Quant Title : SVOA CALIBRATION

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	3.89 ng/ul	322833	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	91
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39



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Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
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ClientSampleId :
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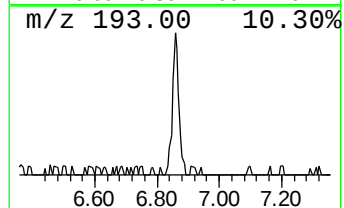
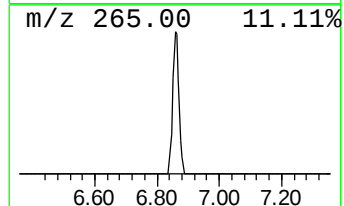
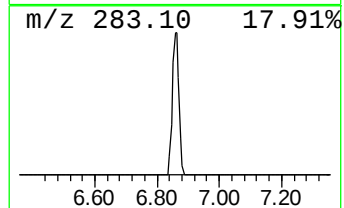
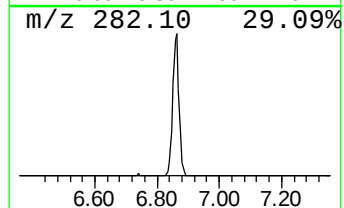
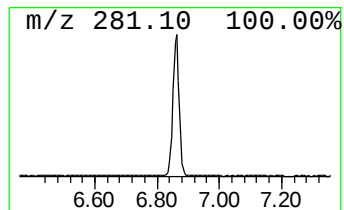
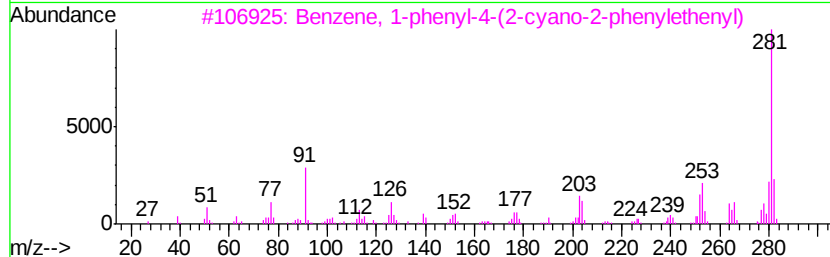
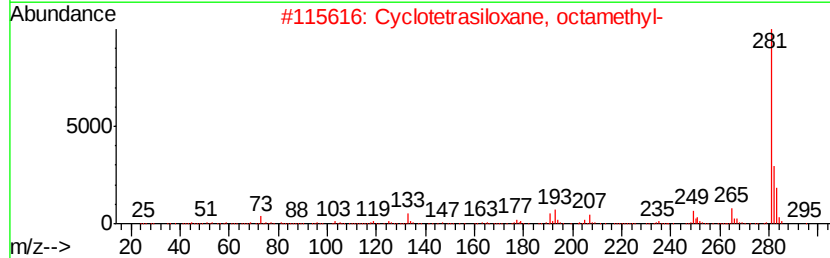
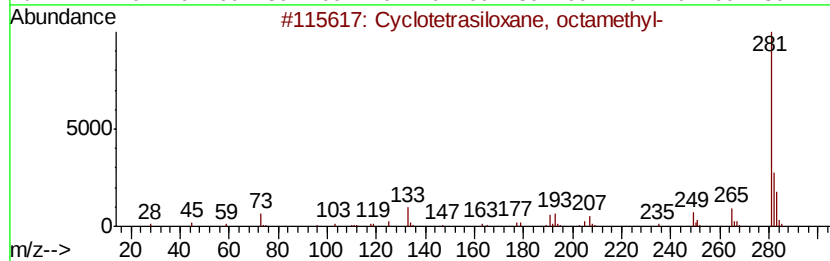
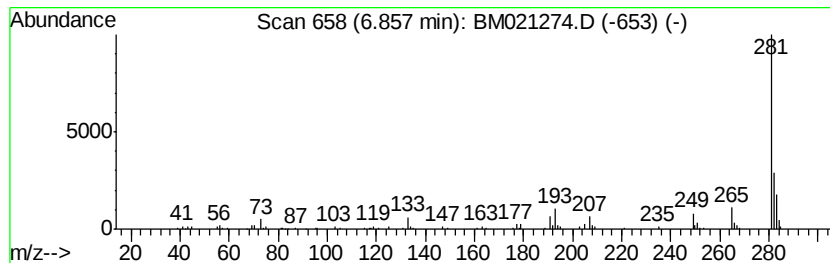
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.93 ng/ul	243406	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		Benzene, 1-phenyl-4-(2-cyano-2-phenylethenyl)	281	C21H15N	027869-56-3	64
4		7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	56
5		5H-Naphtho[2,3-c]carbazole, 5-methyl-	281	C21H15N	100025-44-3	39



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
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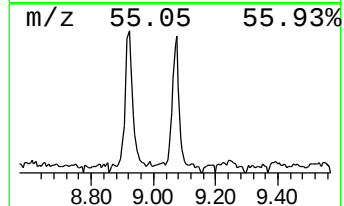
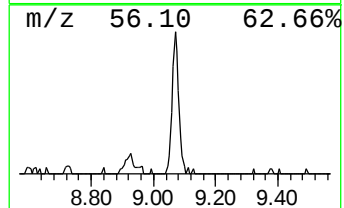
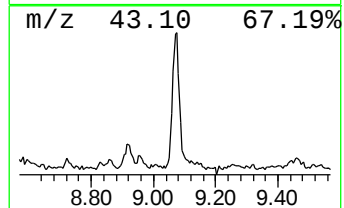
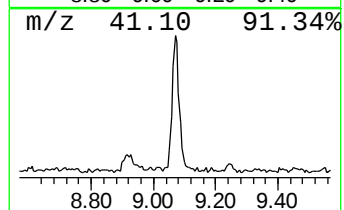
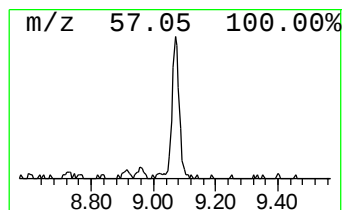
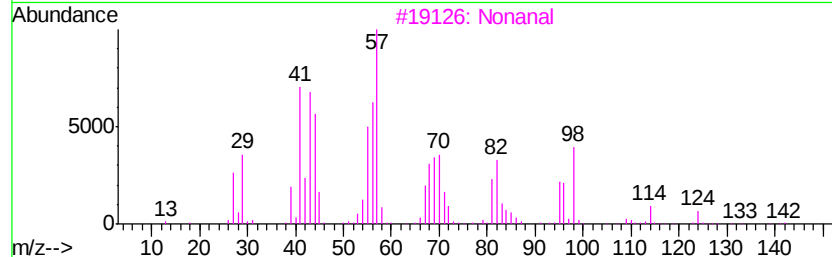
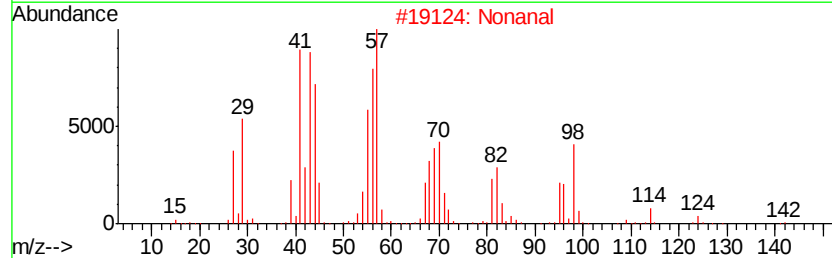
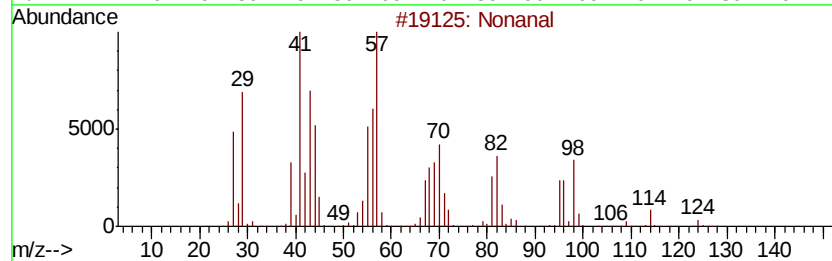
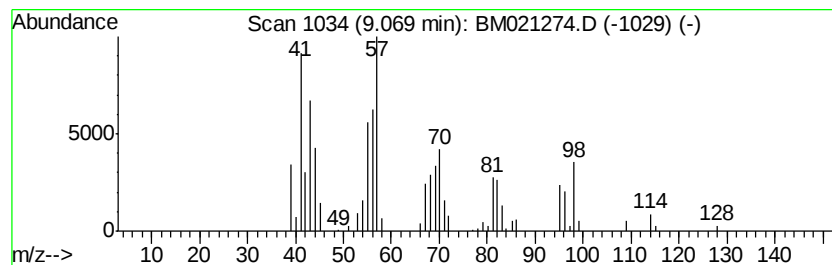
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Nonanal Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.32 ng/ul	192398	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal		142	C9H18O	000124-19-6	91
2	Nonanal		142	C9H18O	000124-19-6	90
3	Nonanal		142	C9H18O	000124-19-6	80
4	Cycloheptane		98	C7H14	000291-64-5	41
5	Cycloheptane		98	C7H14	000291-64-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 29 Jun 2019 22:29
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ClientSampleId :
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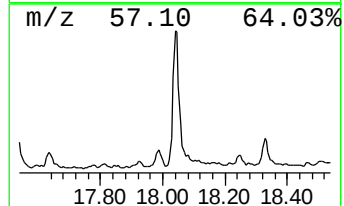
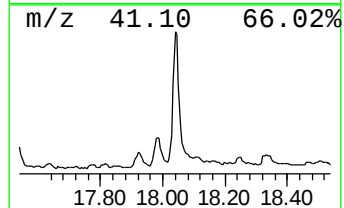
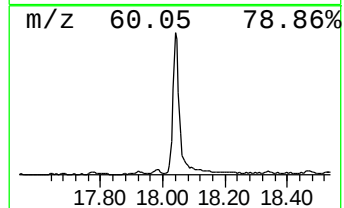
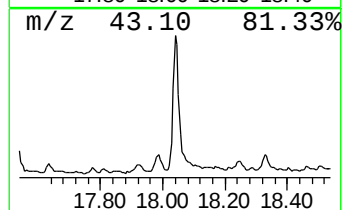
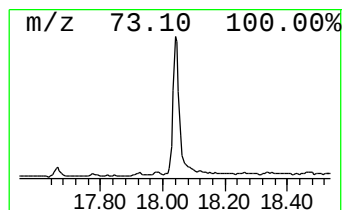
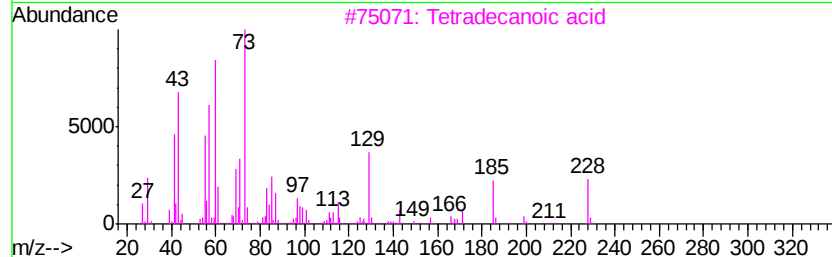
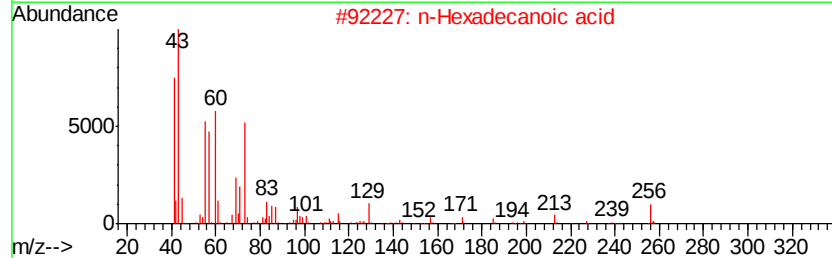
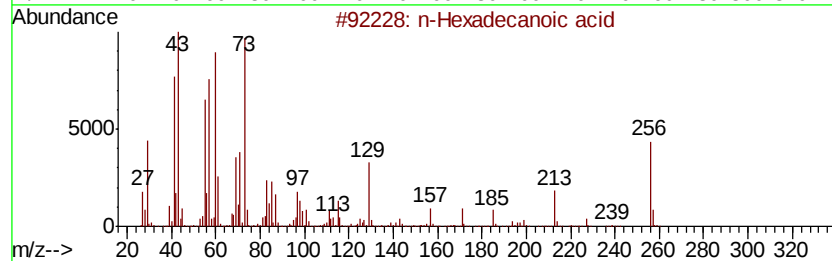
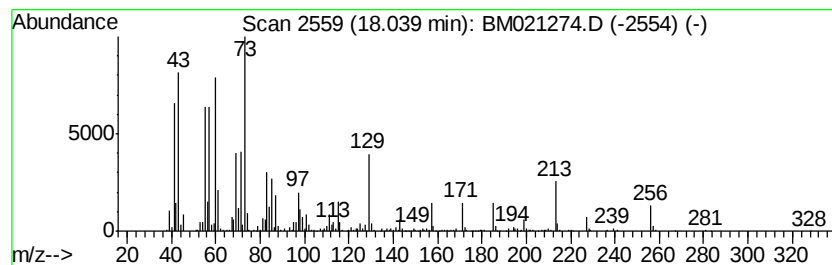
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	7.97 ng/ul	1550650	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76	



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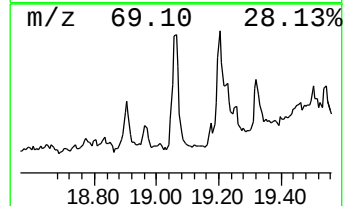
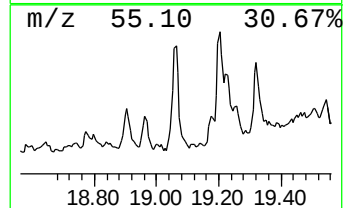
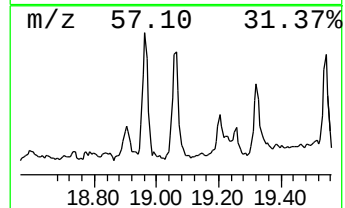
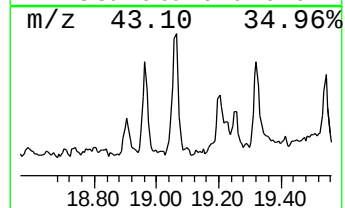
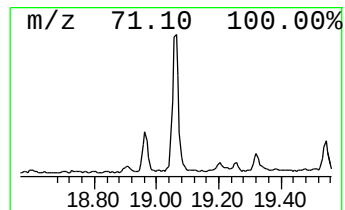
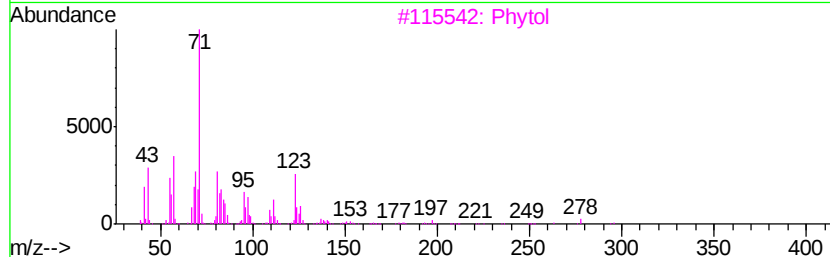
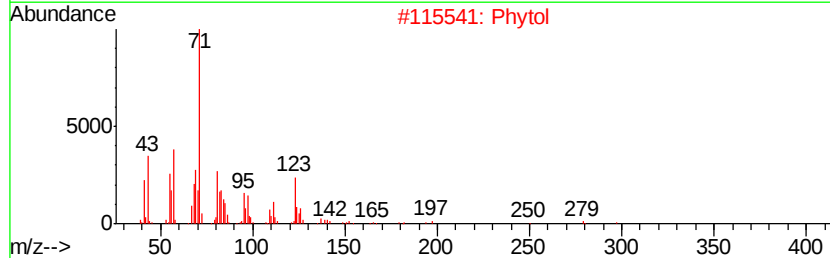
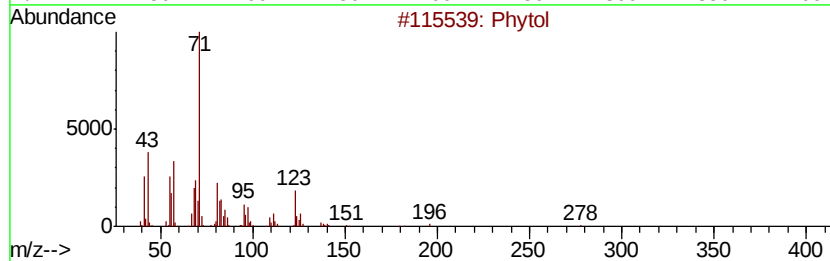
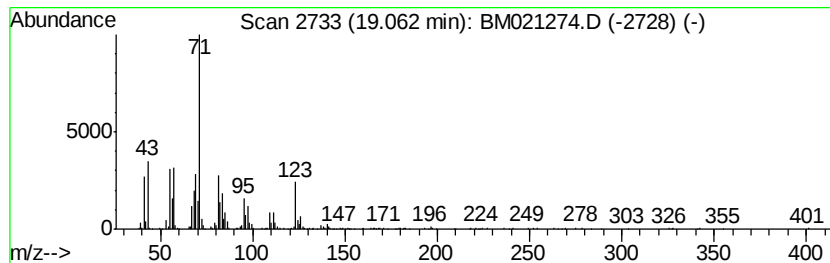
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phytol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.91 ng/ul	567004	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phytol	296	C20H40O	000150-86-7	90
2		Phytol	296	C20H40O	000150-86-7	86
3		Phytol	296	C20H40O	000150-86-7	72
4		Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	53
5		Phytol	296	C20H40O	000150-86-7	52



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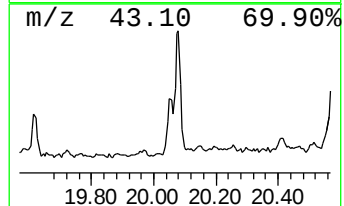
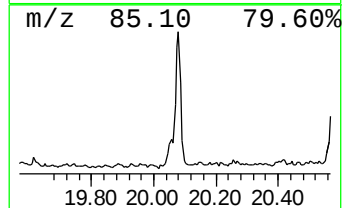
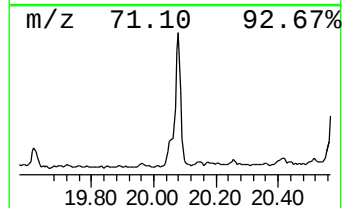
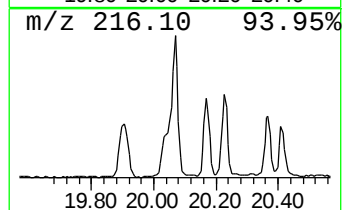
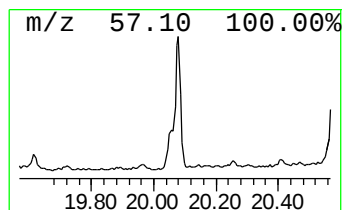
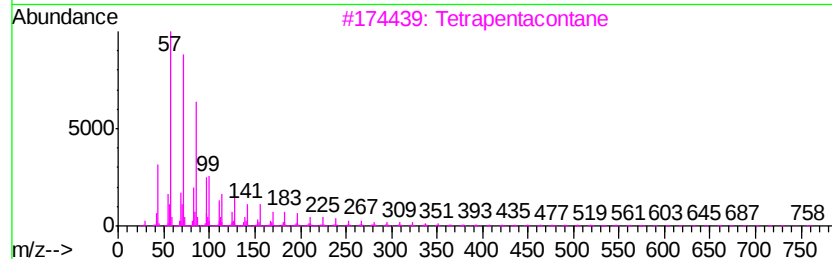
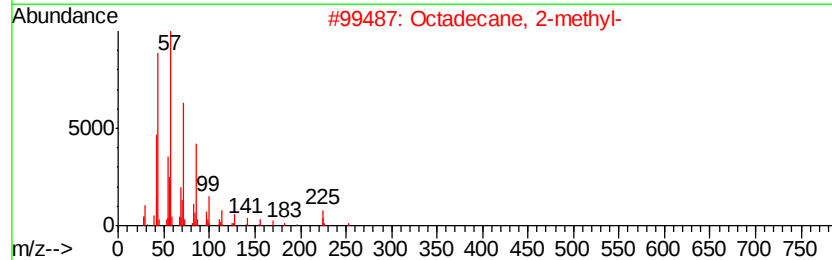
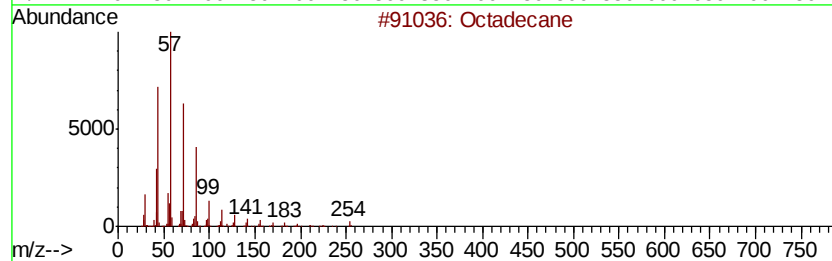
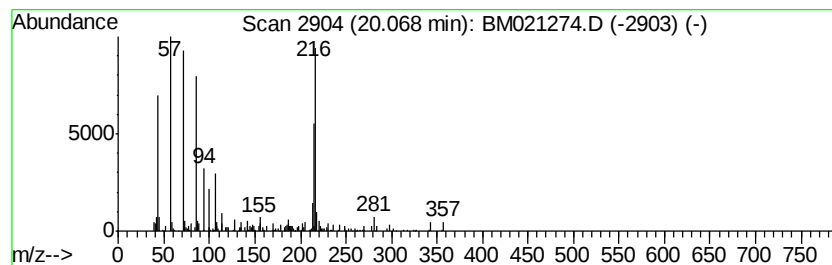
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.12 ng/ul	418295	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	86
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	78
3		Tetrapentacontane	759	C54H110	005856-66-6	78
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	78



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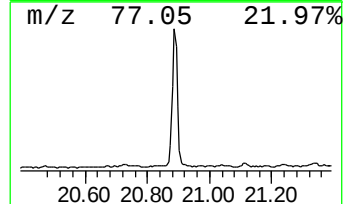
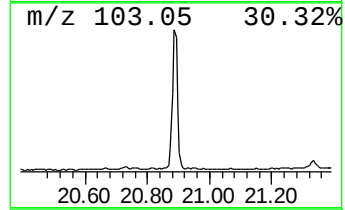
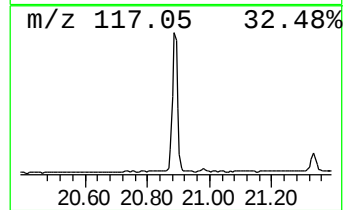
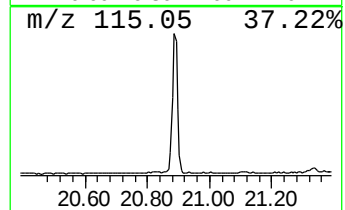
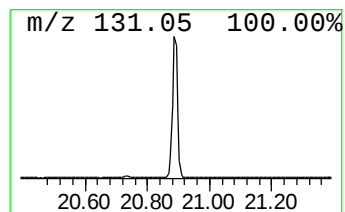
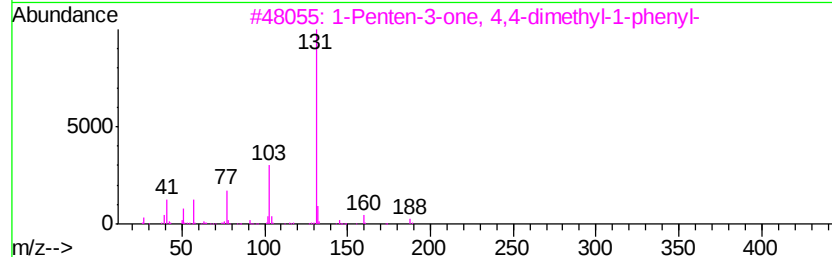
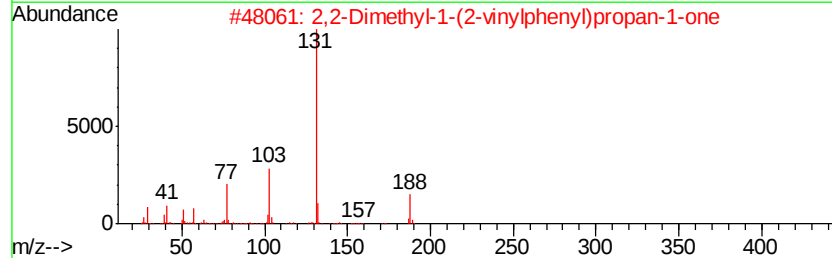
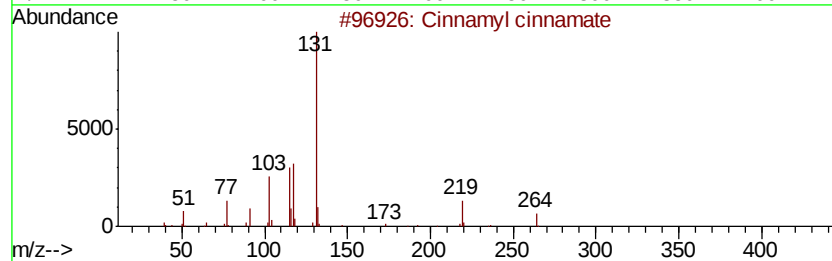
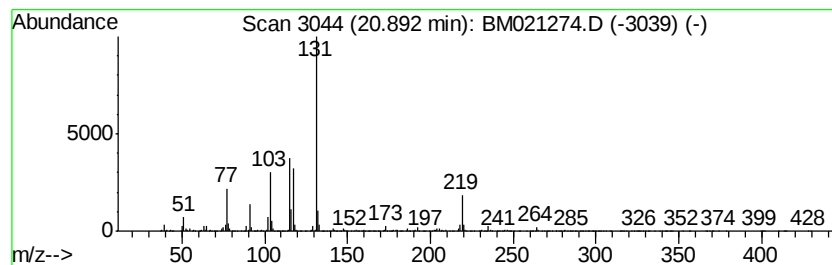
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cinnamyl cinnamate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.82 ng/ul	1739340	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0 87	
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188 C13H16O	1000210-99-9 52	
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188 C13H16O	000538-44-3 50	
4	trans-1-Cinnamoylimidazole	198 C12H10N2O	001138-15-4 50	
5	2-Iodo-benzoic acid N'-(3-phenyl...	392 C16H13IN2O2	315672-62-9 50	



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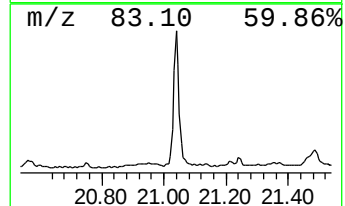
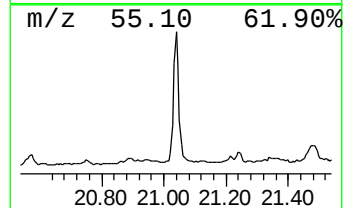
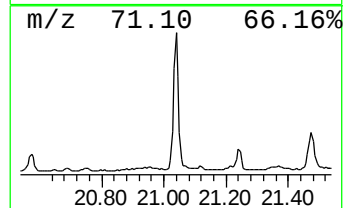
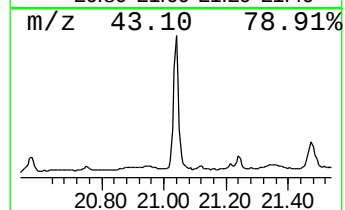
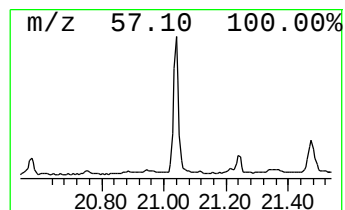
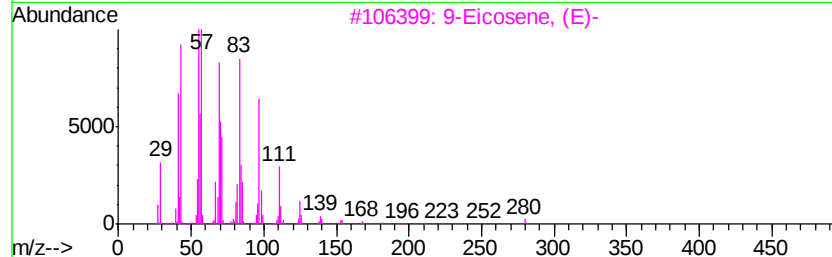
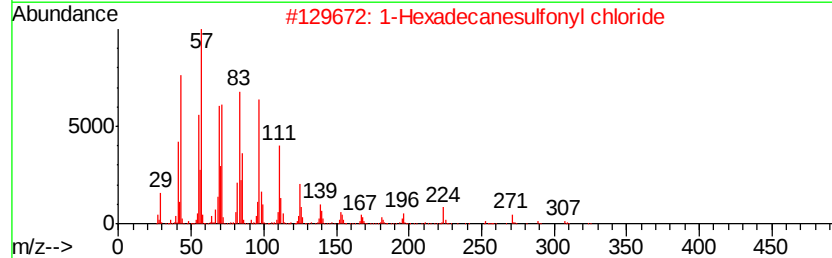
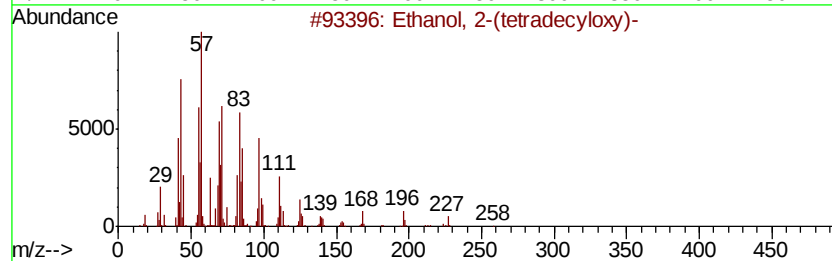
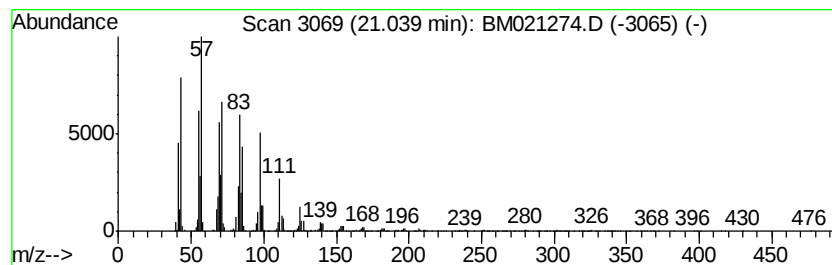
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	12.60 ng/ul	2486360	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-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4		1-Docosene	308	C22H44	001599-67-3	83
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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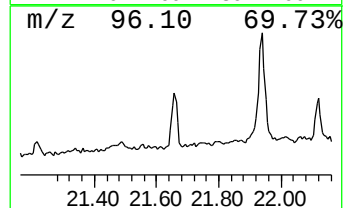
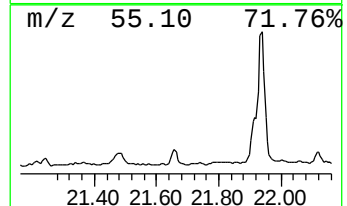
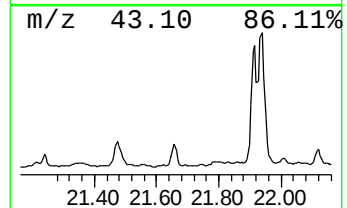
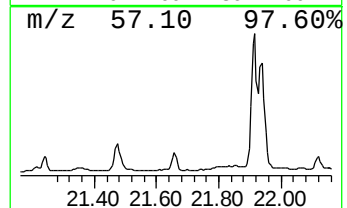
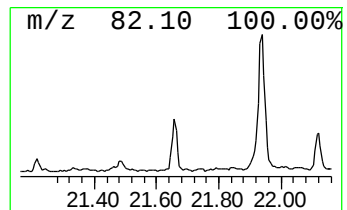
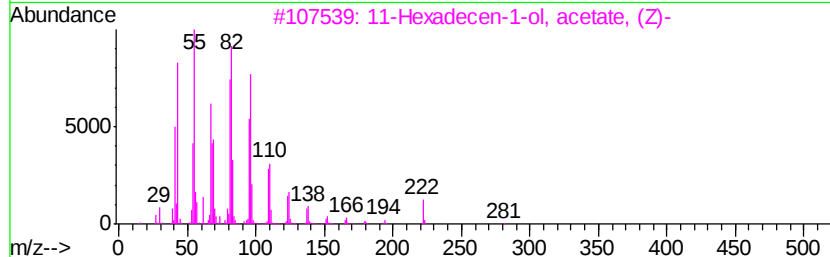
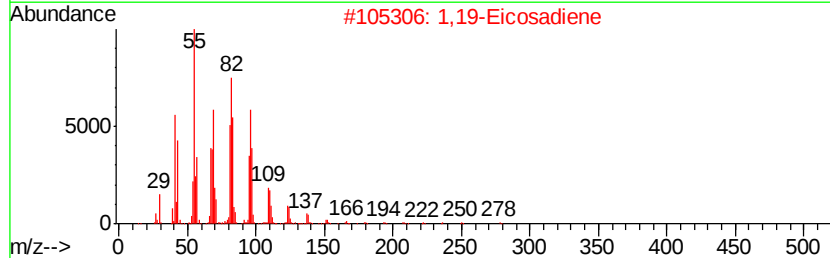
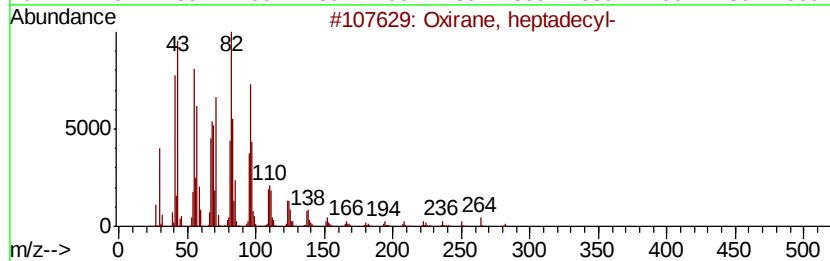
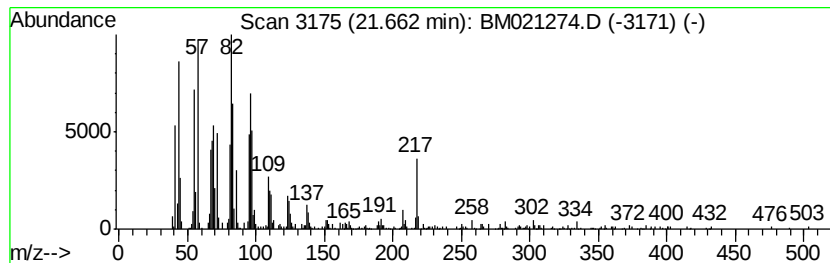
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Oxirane, heptadecyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.66 ng/ul	524735	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2		1,19-Eicosadiene	278	C20H38	014811-95-1	95
3		11-Hexadecen-1-ol, acetate, (Z)-	282	C18H34O2	034010-21-4	87
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5		Pentadecanal-	226	C15H30O	002765-11-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
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Sample : K3593-04
Misc :
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Instrument :
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ClientSampleId :
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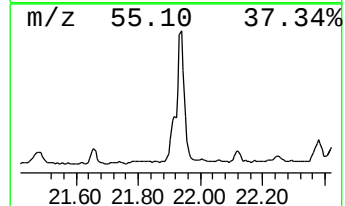
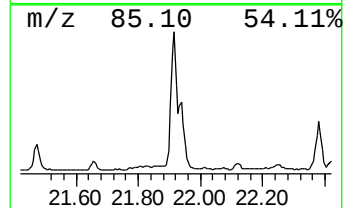
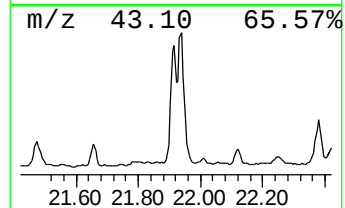
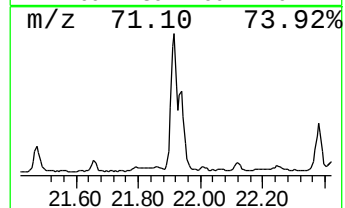
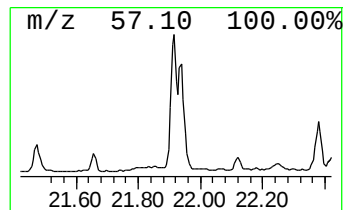
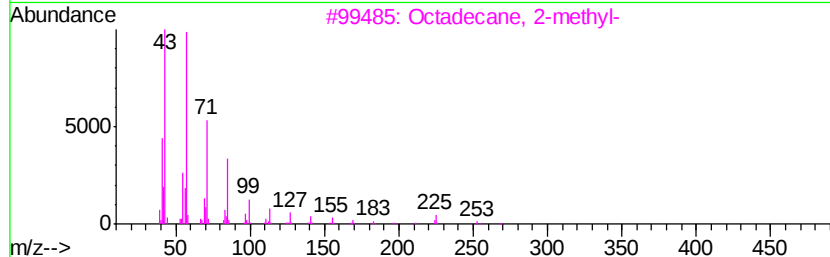
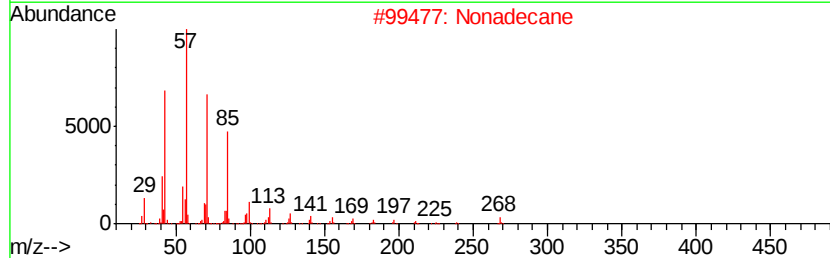
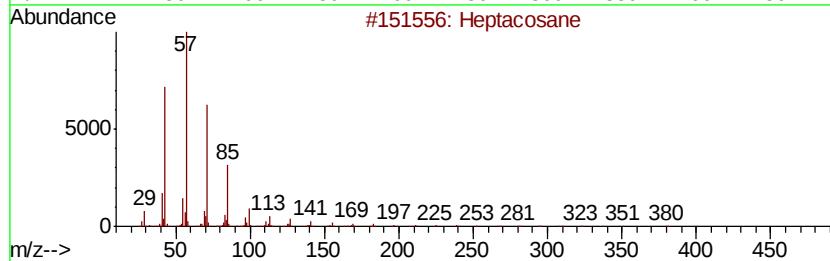
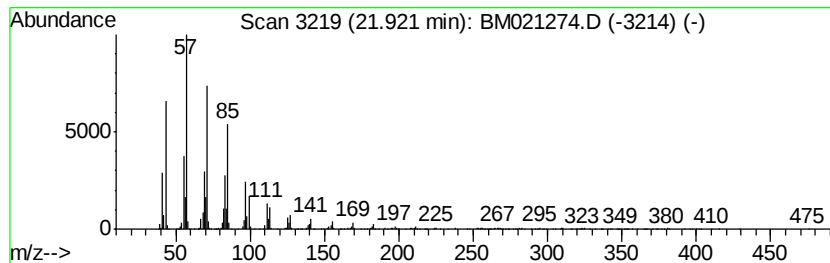
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	7.99 ng/ul	1577120	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	98
2			Nonadecane	268	C19H40	000629-92-5	94
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
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Sample : K3593-04
Misc :
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Instrument :
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ClientSampleId :
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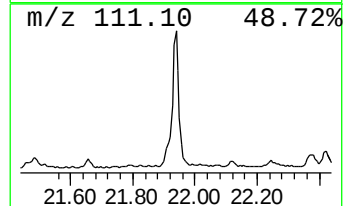
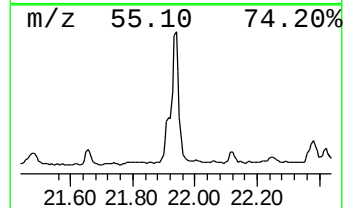
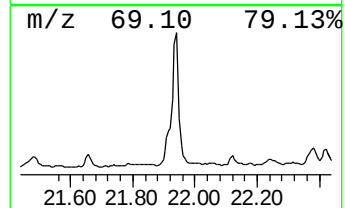
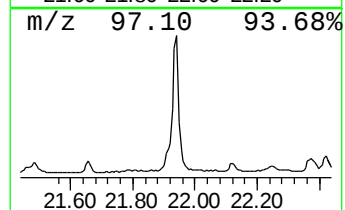
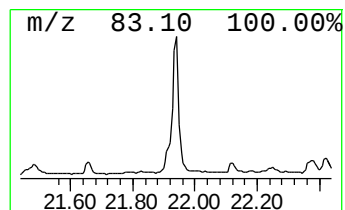
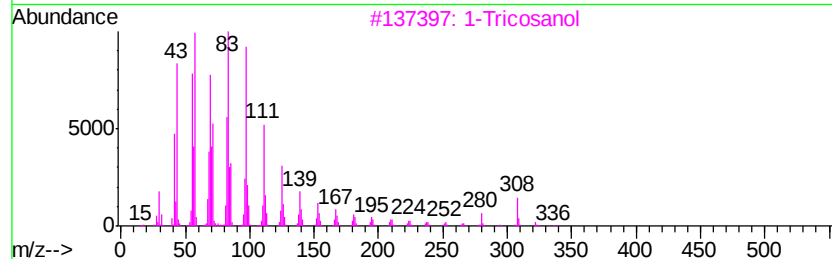
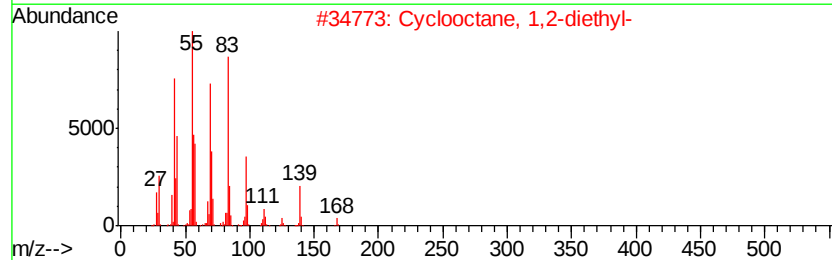
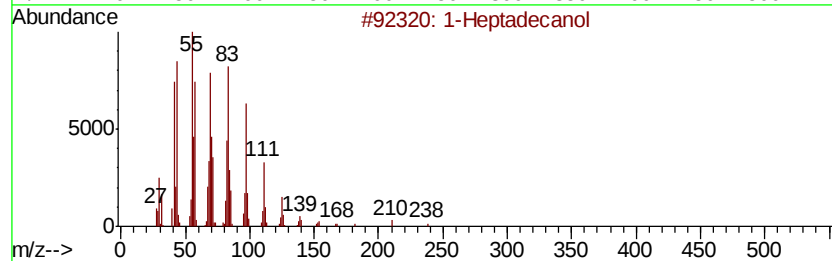
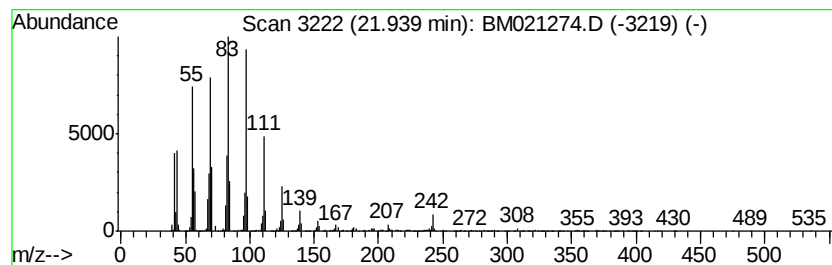
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1-Heptadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	17.74 ng/ul	3499890	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecanol	256	C17H36O	001454-85-9	50
2		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
3		1-Tricosanol	340	C23H48O	003133-01-5	43
4		1-Octadecanol	270	C18H38O	000112-92-5	43
5		3-Heptene, 4-propyl-	140	C10H20	004485-13-6	38



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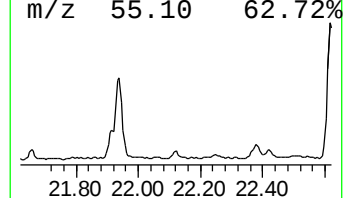
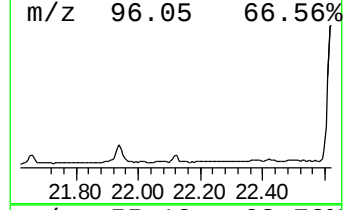
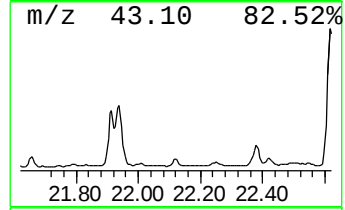
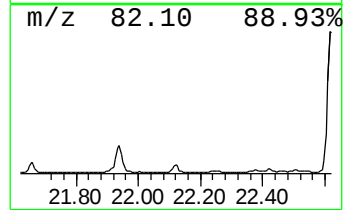
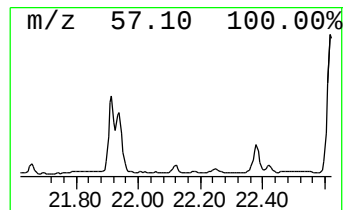
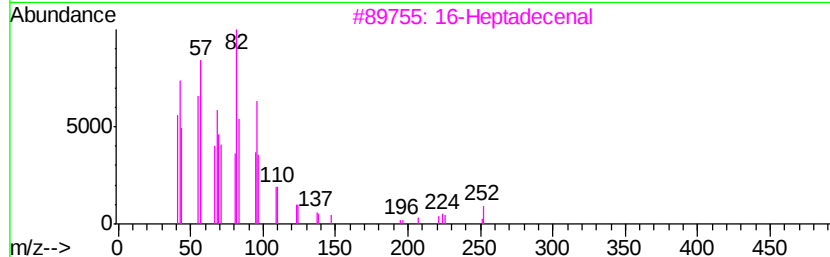
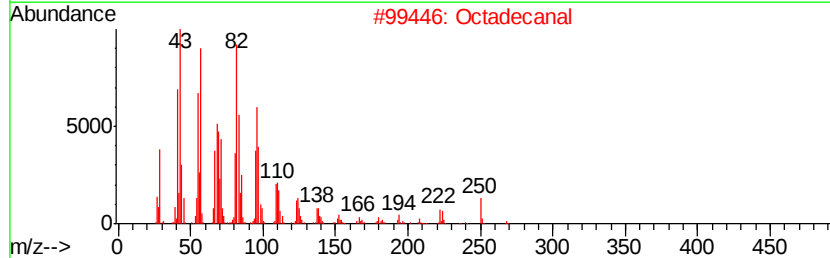
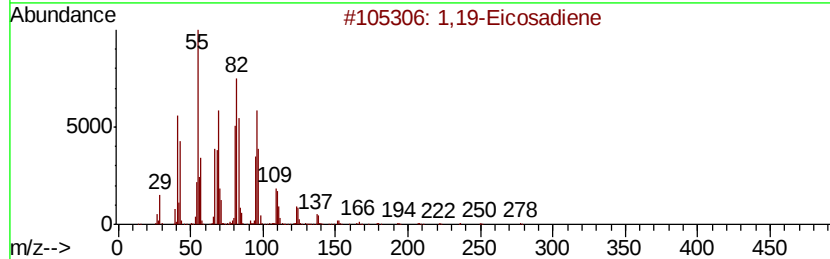
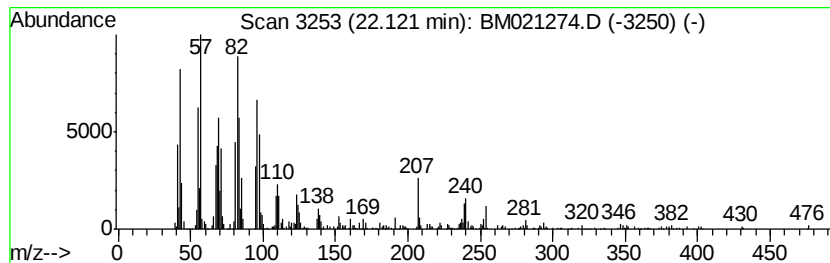
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.12	2.04 ng/ul	402378	Chrysene-d12	21.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	87
3	16-Heptadecenal	252	C17H32O	1000144-57-9	86
4	Hexadecanal	240	C16H32O	000629-80-1	72
5	14-Heptadecenal	252	C17H32O	1000144-58-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
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Sample : K3593-04
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ClientSampleId :
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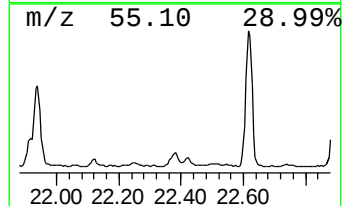
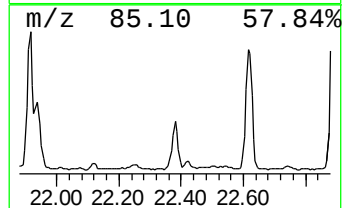
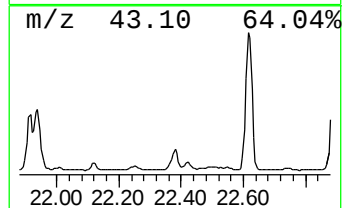
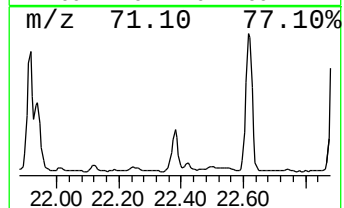
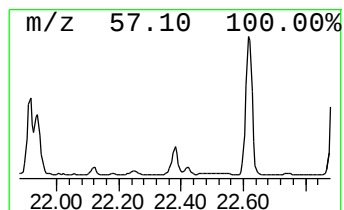
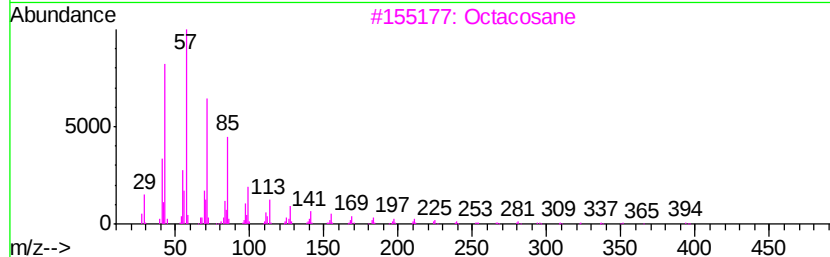
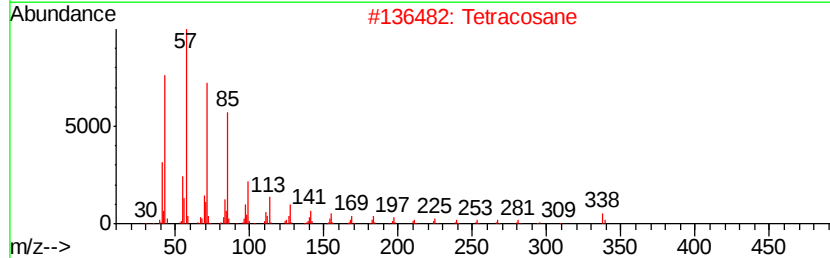
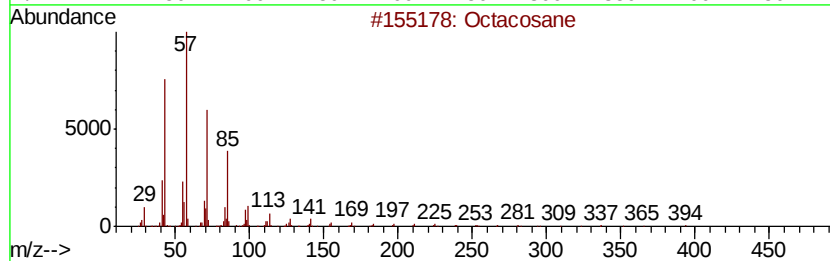
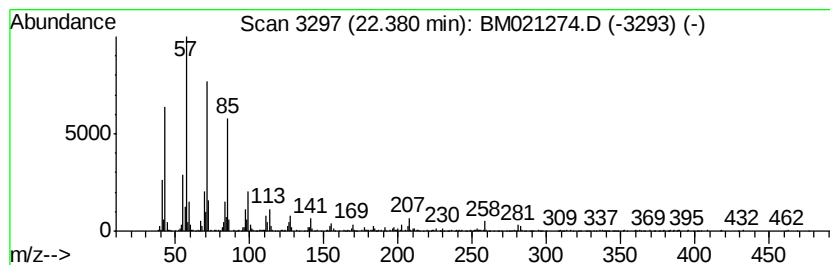
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	4.24 ng/ul	836731	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	98
2			Tetracosane	338	C24H50	000646-31-1	97
3			Octacosane	394	C28H58	000630-02-4	95
4			Heptadecane	240	C17H36	000629-78-7	94
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94



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Acq On : 29 Jun 2019 22:29
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ClientSampleId :
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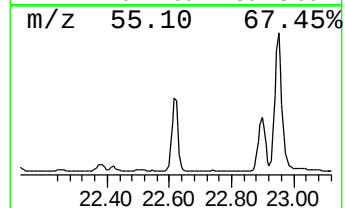
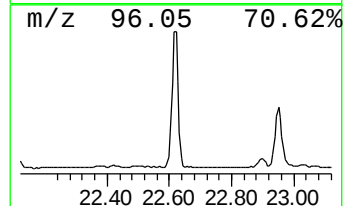
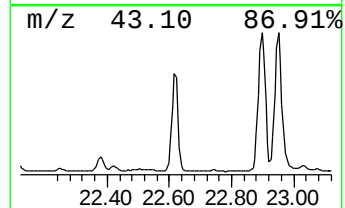
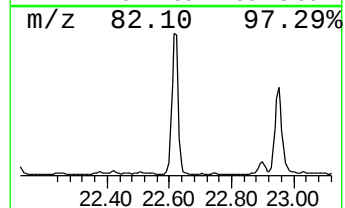
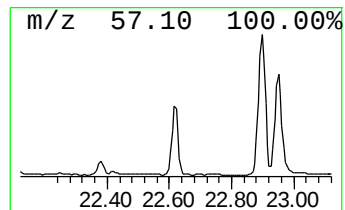
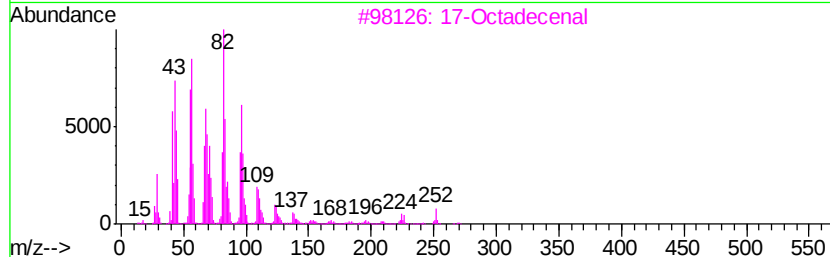
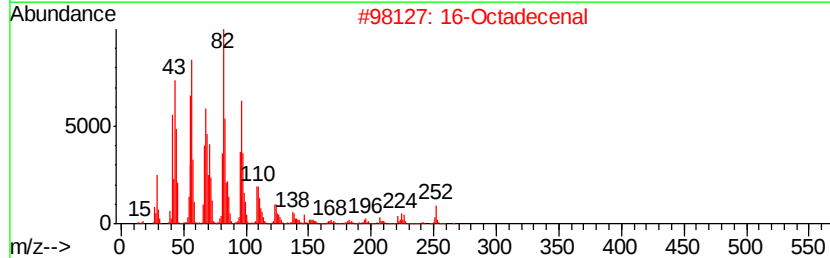
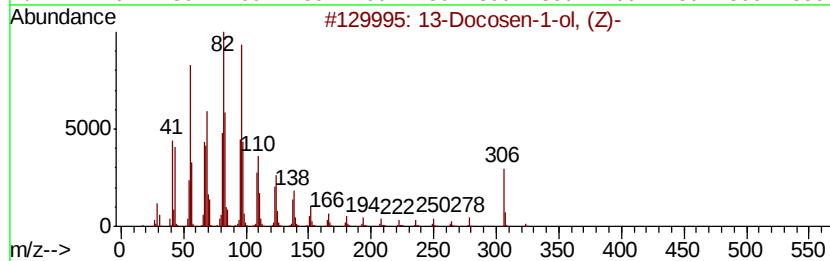
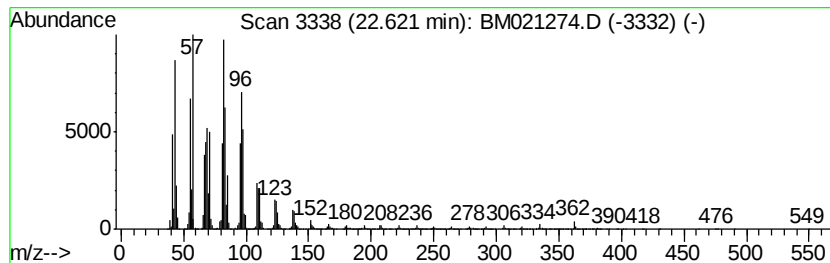
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 13-Docosen-1-ol, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	52.21 ng/ul	8411810	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	98
2		16-Octadecenal	266	C18H34O	056554-87-1	95
3		17-Octadecenal	266	C18H34O	056554-86-0	95
4		1,19-Eicosadiene	278	C20H38	014811-95-1	94
5		Octadecanal	268	C18H36O	000638-66-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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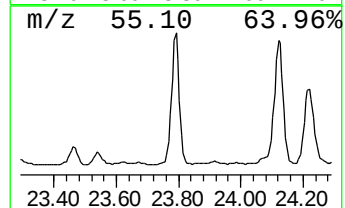
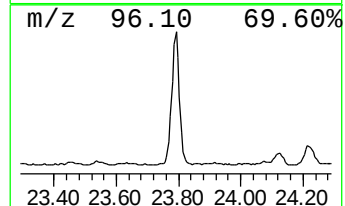
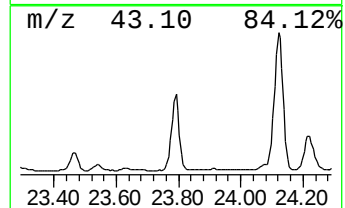
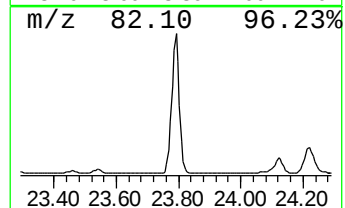
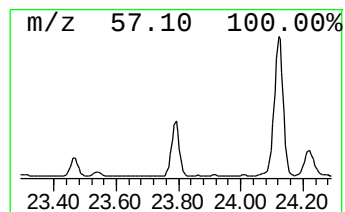
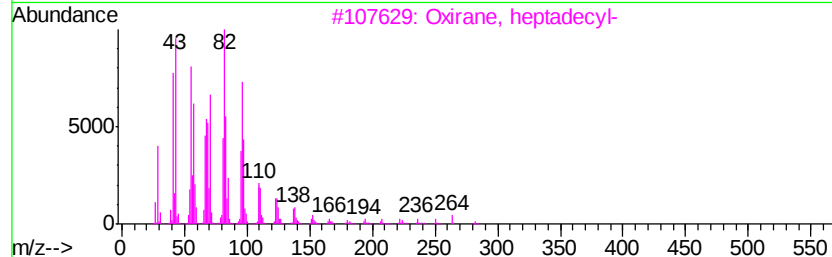
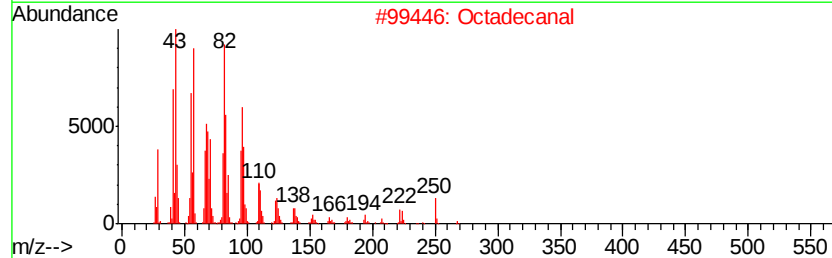
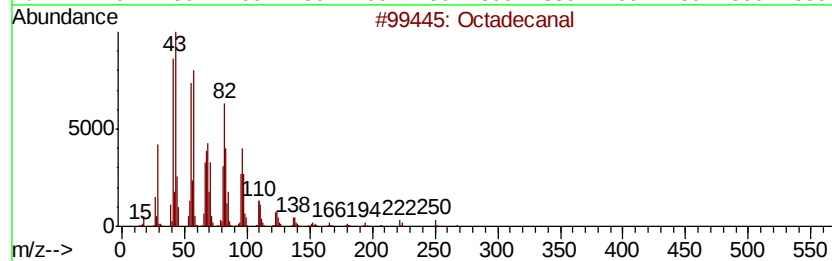
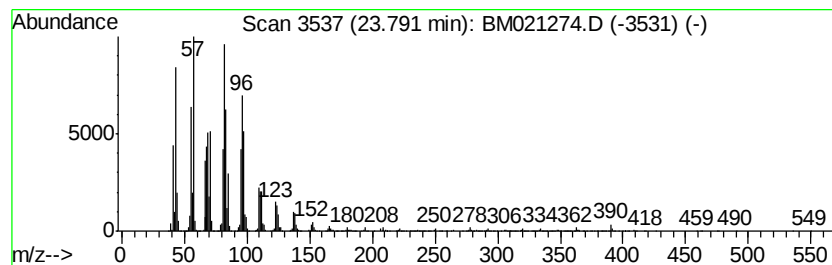
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	41.95 ng/ul	6759390	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		1,19-Eicosadiene	278	C20H38	014811-95-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC4

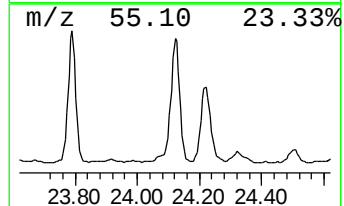
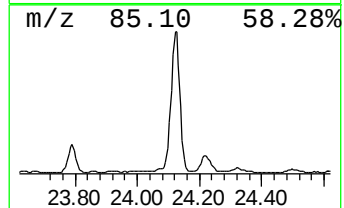
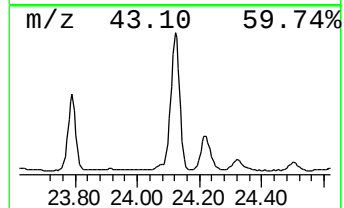
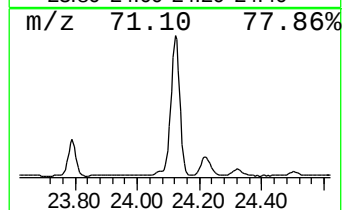
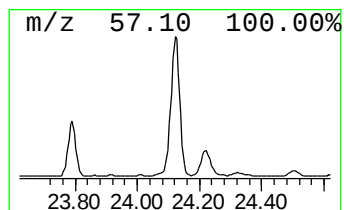
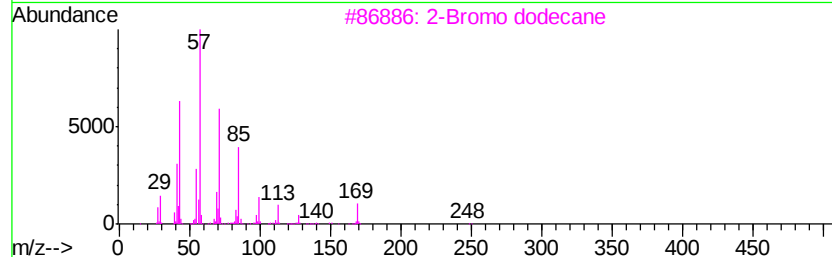
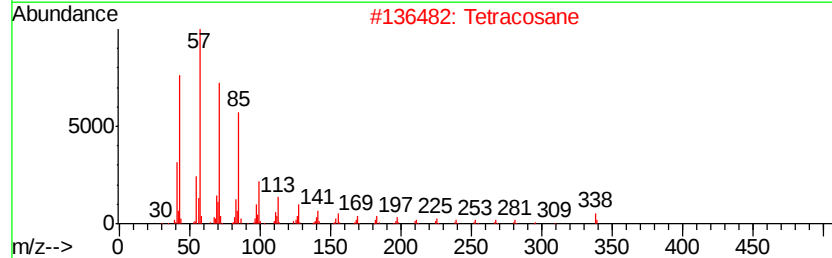
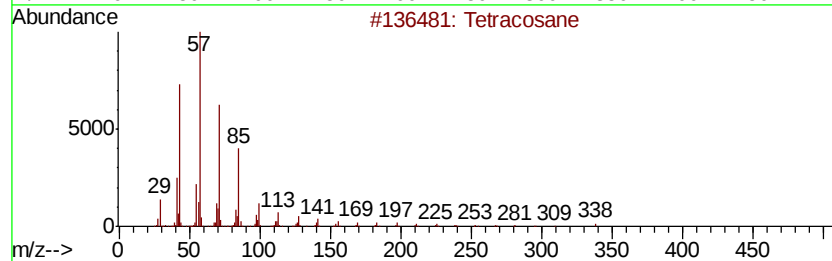
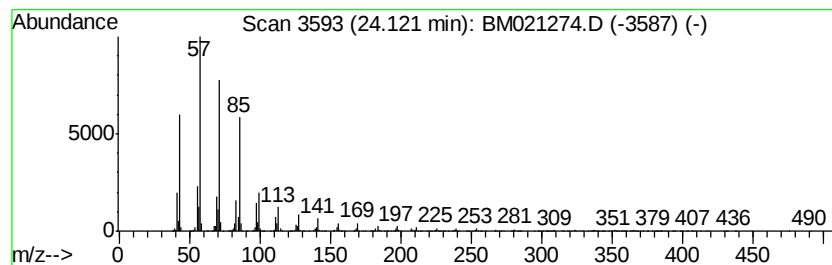
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	57.97 ng/ul	9340680	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Tetracosane	338	C24H50	000646-31-1	94
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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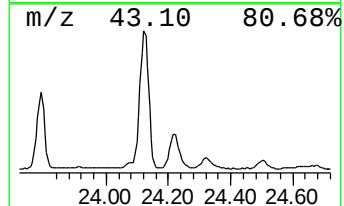
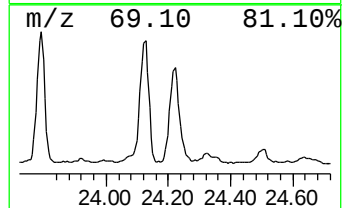
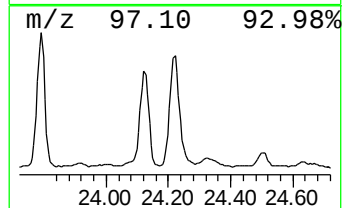
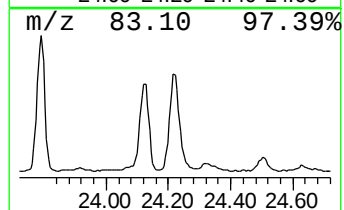
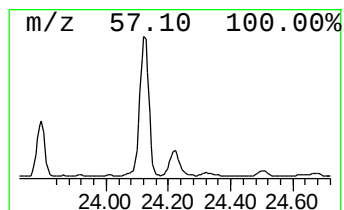
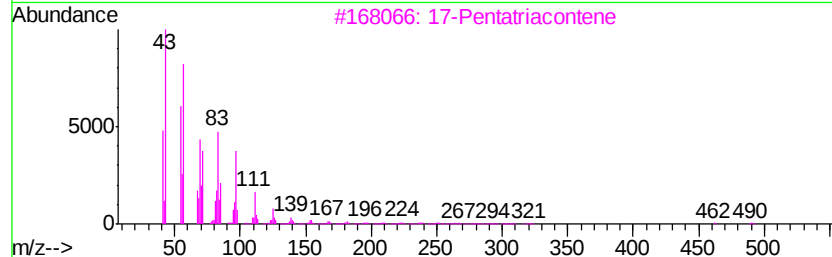
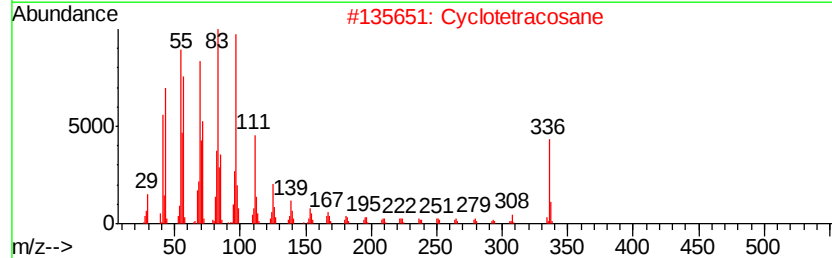
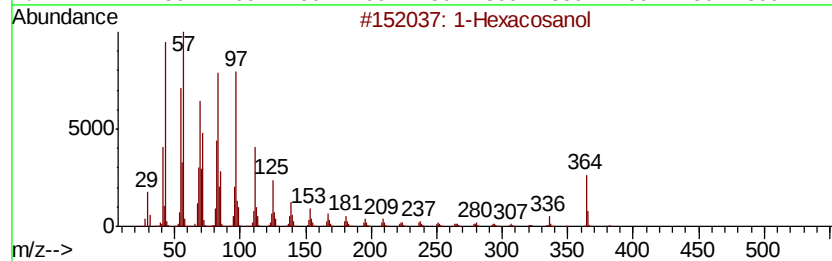
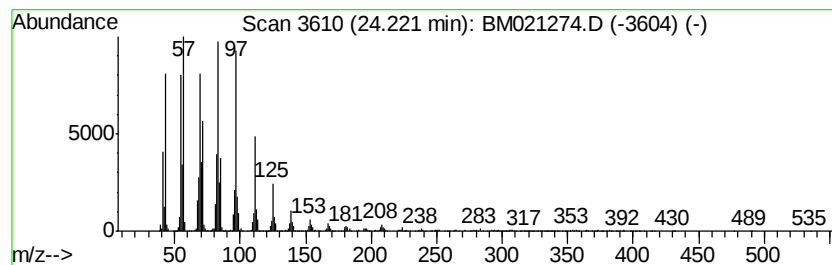
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1-Hexacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	22.54 ng/ul	3631010	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosanol	382	C26H54O	000506-52-5	93
2		Cyclotetracosane	336	C24H48	000297-03-0	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		9-Hexacosene	364	C26H52	071502-22-2	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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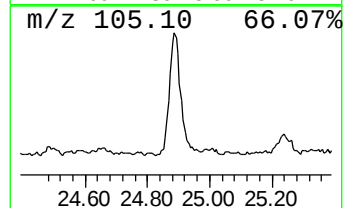
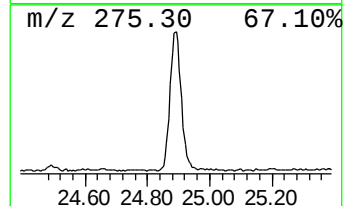
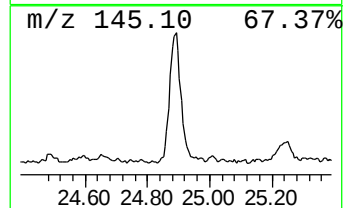
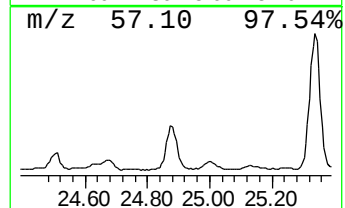
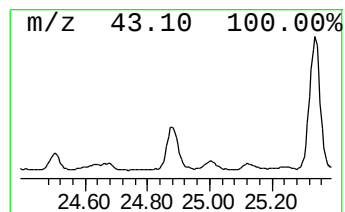
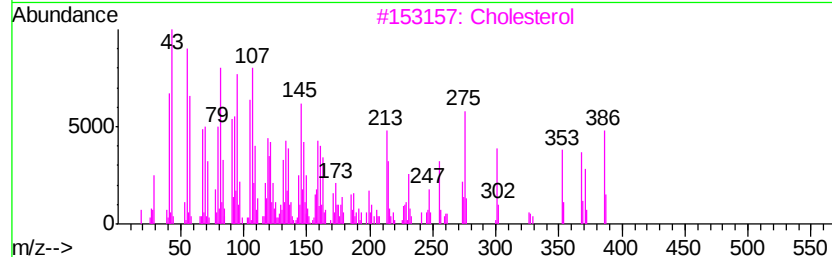
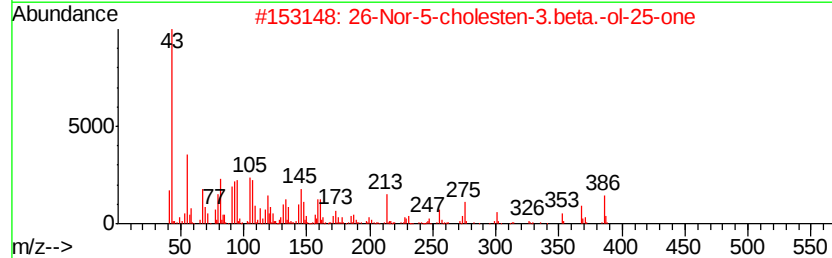
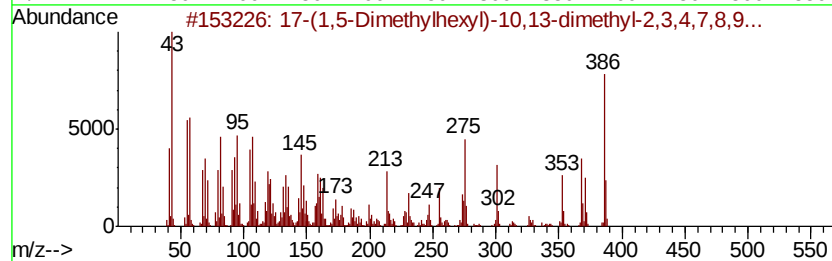
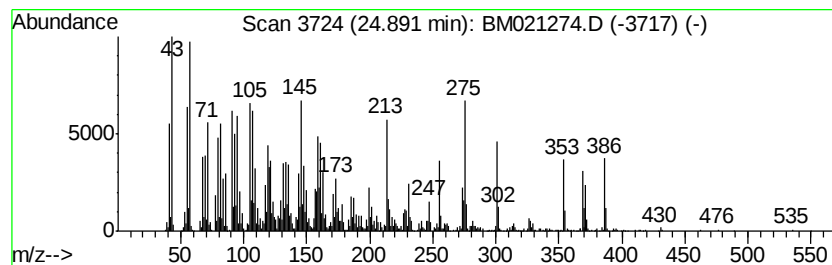
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	22.71 ng/ul	3658730	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3		Cholesterol	386	C27H46O	000057-88-5	91
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	90
5		Methyl (25RS)-3.beta.-hydroxy-5-...	430	C28H46O3	056845-86-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
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Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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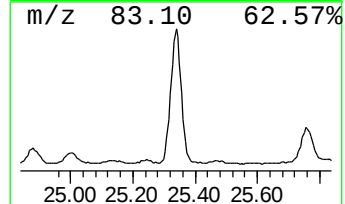
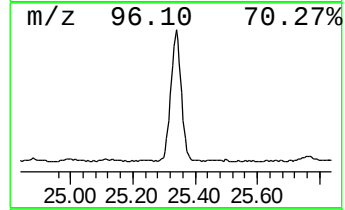
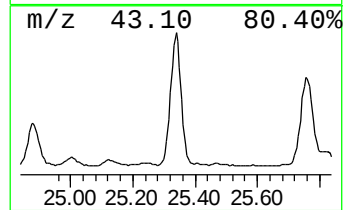
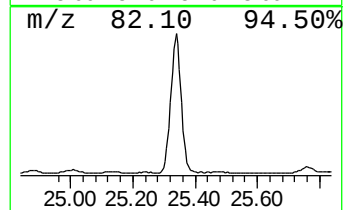
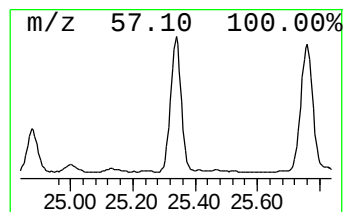
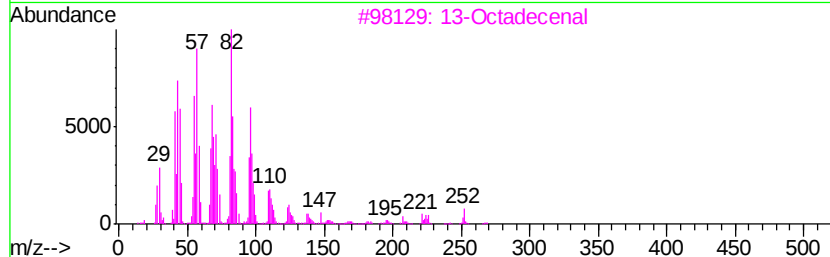
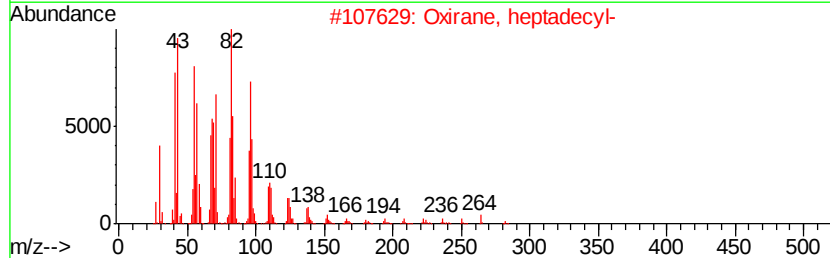
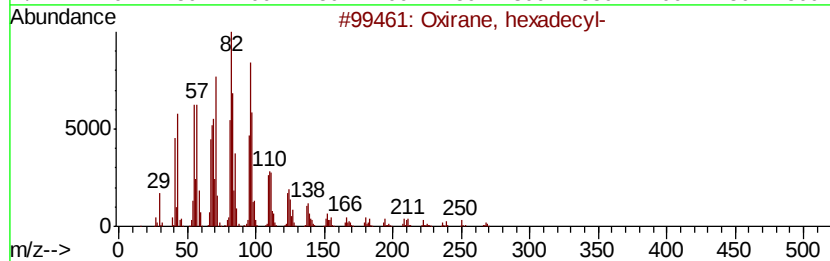
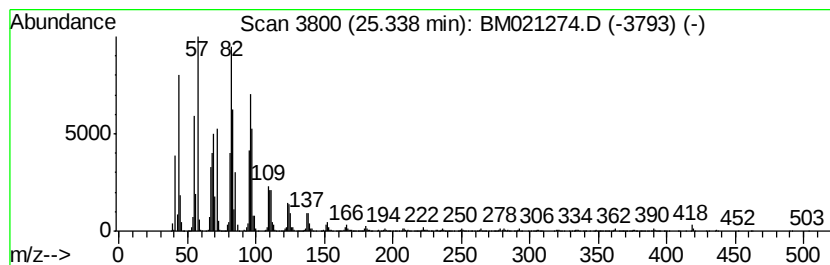
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	49.75 ng/ul	8015500	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		13-Octadecenal	266	C18H34O	056554-90-6	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		1,19-Eicosadiene	278	C20H38	014811-95-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
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Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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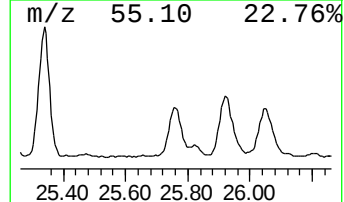
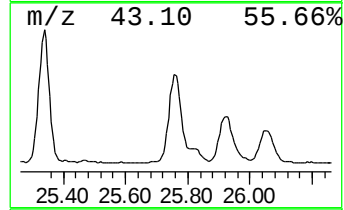
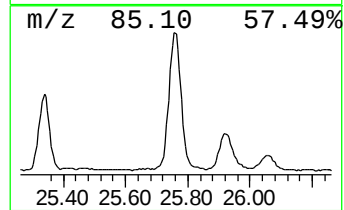
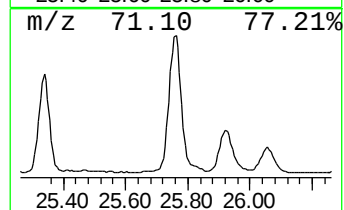
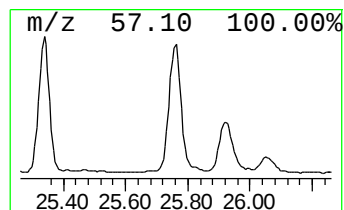
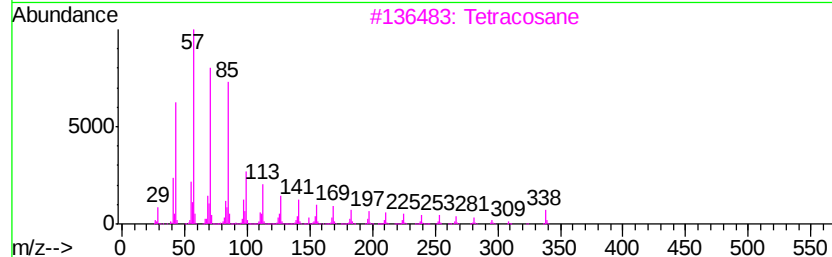
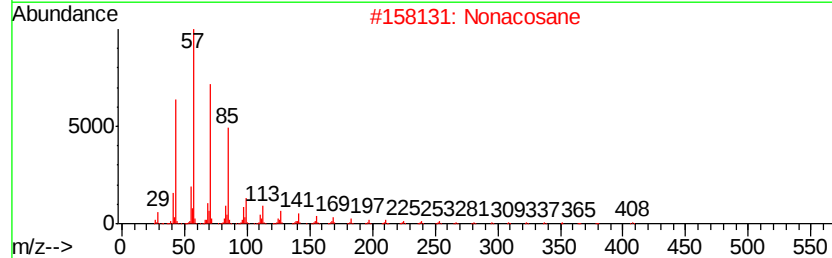
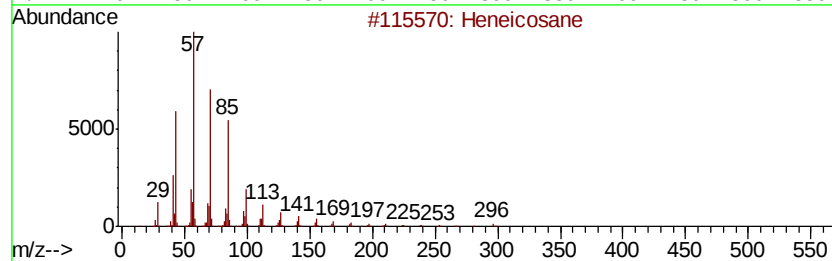
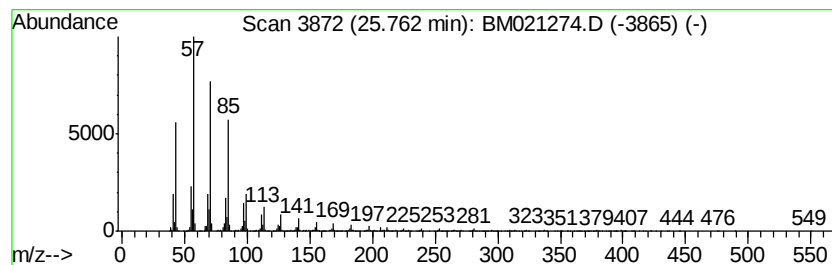
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	22.91 ng/ul	3690990	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Nonacosane	408	C29H60	000630-03-5	91
3		Tetracosane	338	C24H50	000646-31-1	91
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 : BM021274.D
Acq On : 29 Jun 2019 22:29
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Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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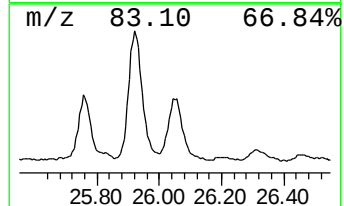
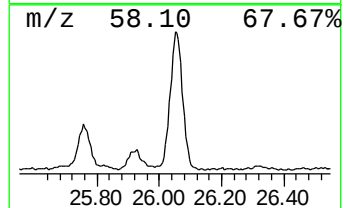
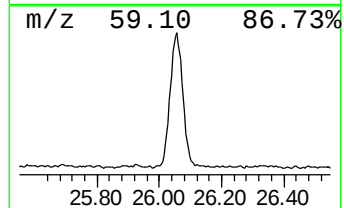
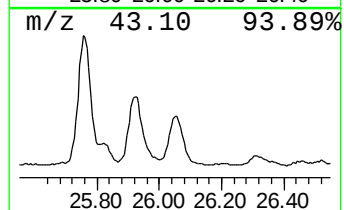
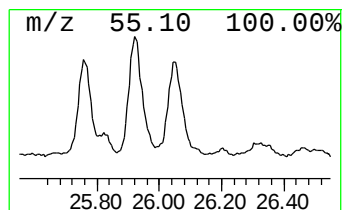
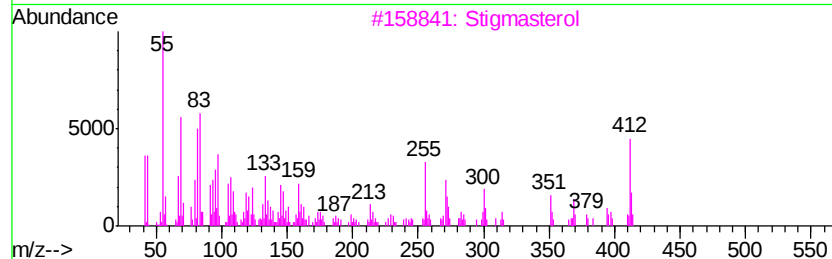
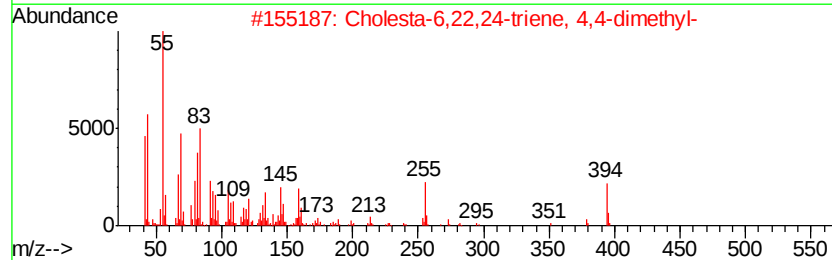
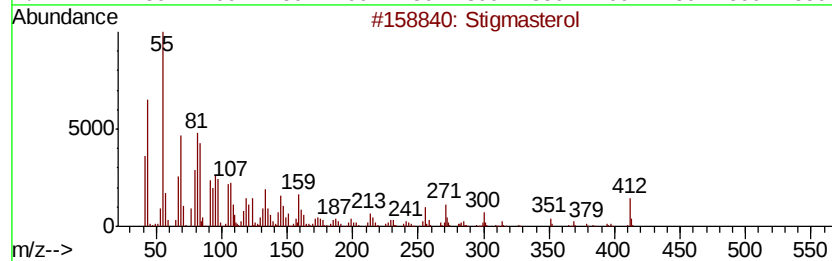
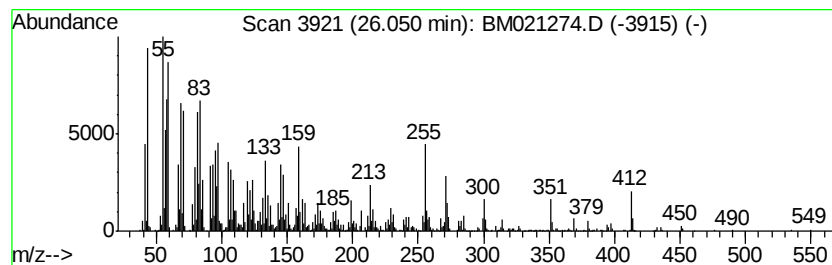
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Stigmasterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	27.32 ng/ul	4402290	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	97
2		Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	93
3		Stigmasterol	412	C29H48O	000083-48-7	78
4		Stigmasterol	412	C29H48O	000083-48-7	49
5		Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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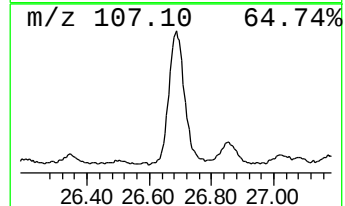
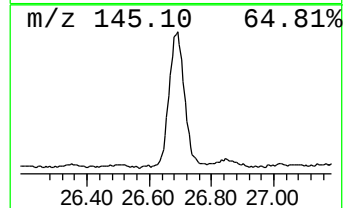
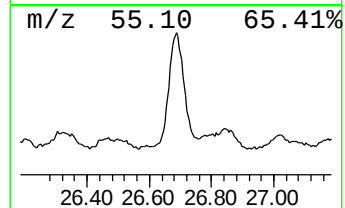
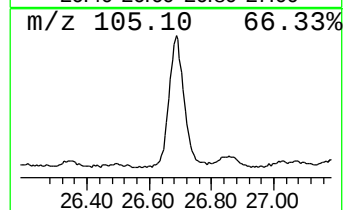
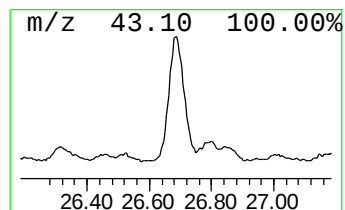
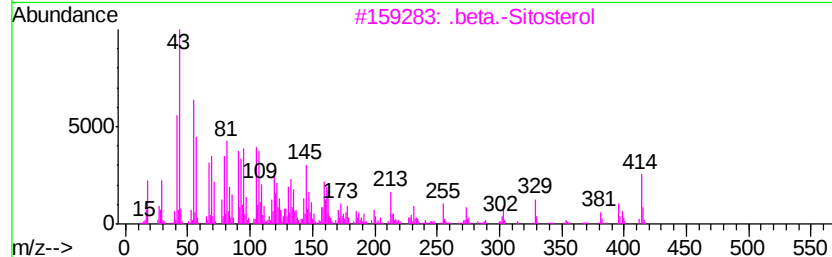
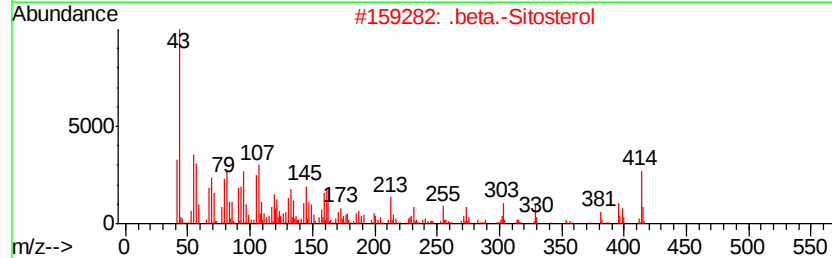
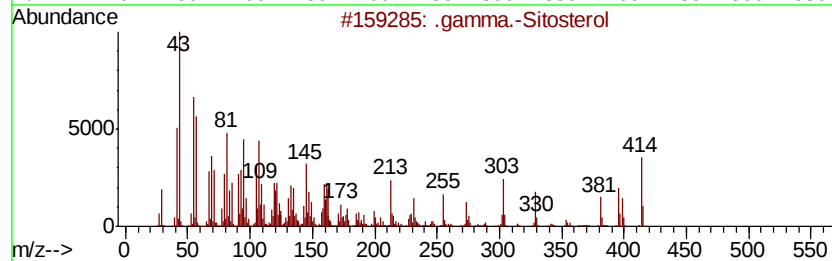
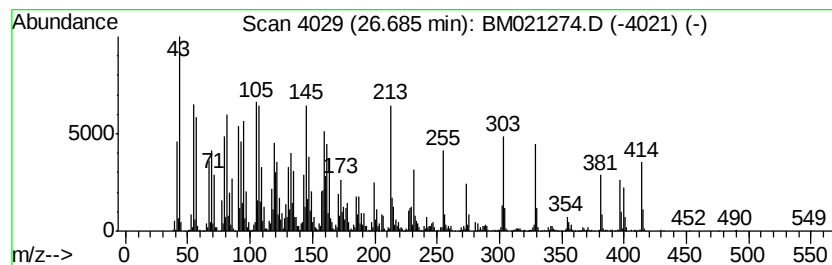
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	51.11 ng/ul	8235430	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	89
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	64
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	42
5		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC4

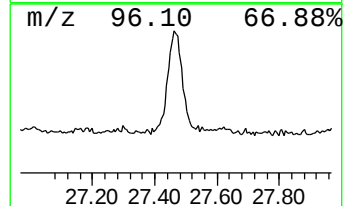
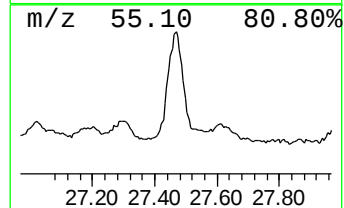
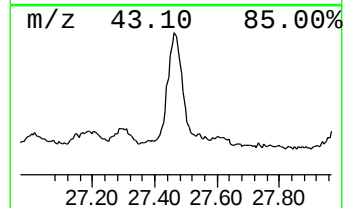
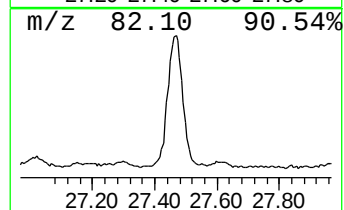
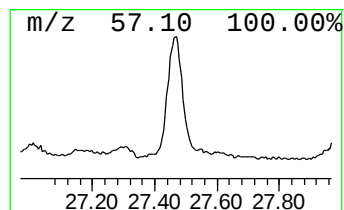
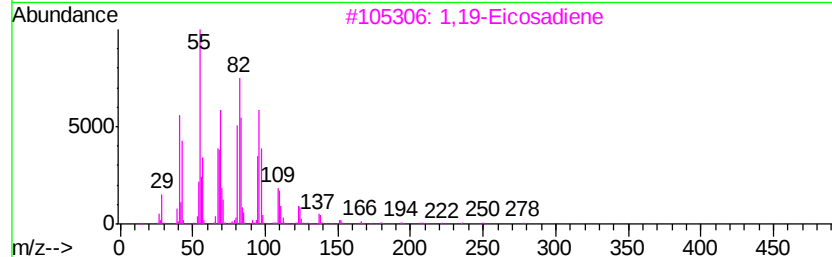
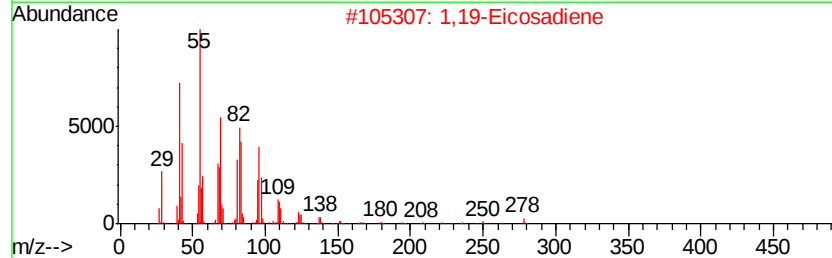
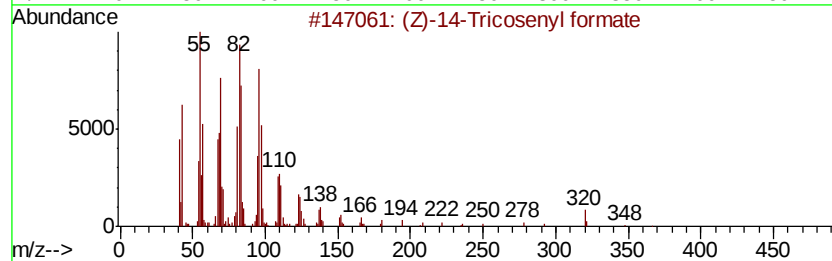
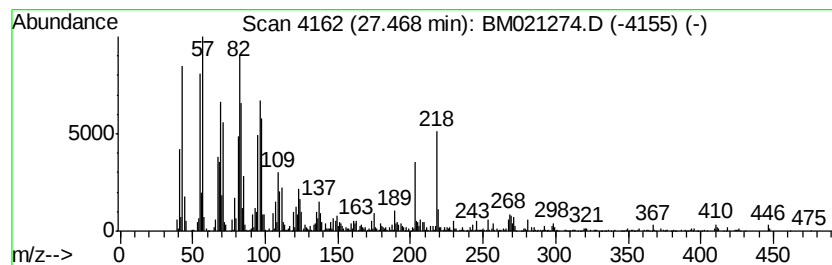
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (Z)-14-Tricosenyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	17.40 ng/ul	2803090	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	94
2		1,19-Eicosadiene	278	C20H38	014811-95-1	93
3		1,19-Eicosadiene	278	C20H38	014811-95-1	89
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021274.D
Acq On : 29 Jun 2019 22:29
Operator : HP/JU
Sample : K3593-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BC4

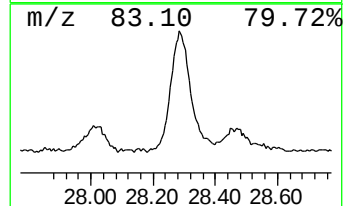
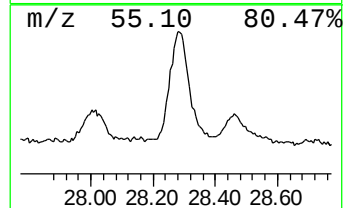
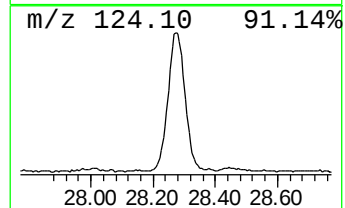
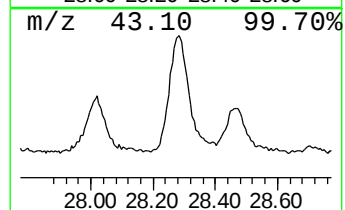
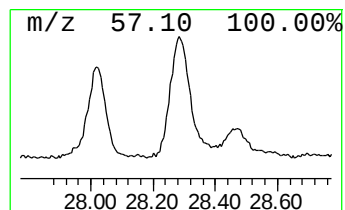
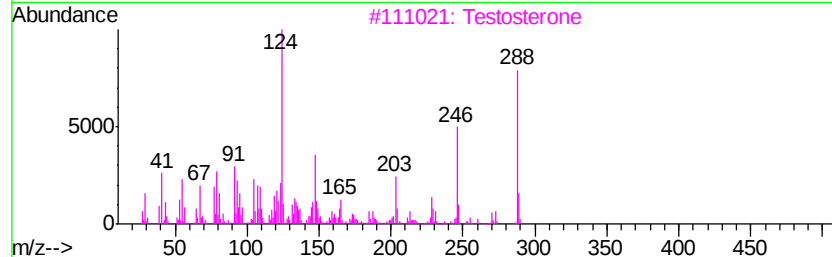
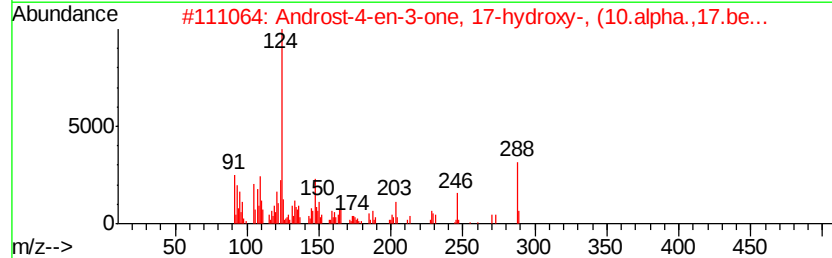
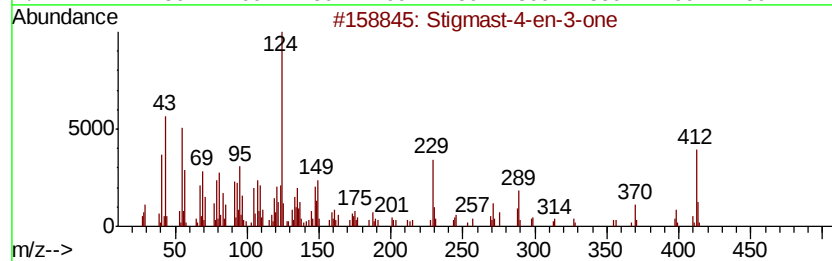
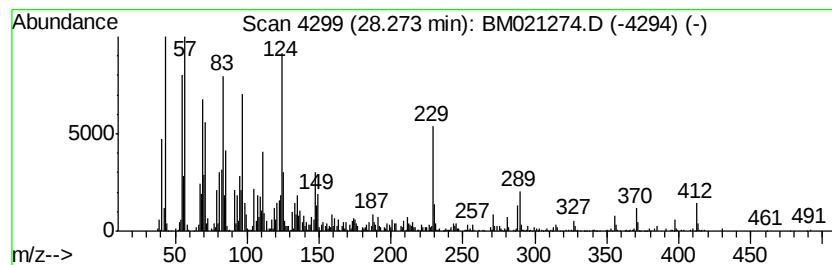
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Stigmast-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.27	25.89 ng/ul	4170940	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	62
3		Testosterone	288	C19H28O2	000058-22-0	25
4		Benzenemethanamine, 4-fluoro-	125	C7H8FN	000140-75-0	25
5		Indolizine, octahydro-	125	C8H15N	013618-93-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021274.D
 Acq On : 29 Jun 2019 22:29
 Operator : HP/JU
 Sample : K3593-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC4

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	32.2	ng/ul	2672290	1	7.76	1659550	20.0
Hexanal	4.35	2.7	ng/ul	222336	1	7.76	1659550	20.0
Cyclotrisiloxane,...	4.40	3.9	ng/ul	322833	1	7.76	1659550	20.0
Cyclotetrasiloxan...	6.86	2.9	ng/ul	243406	1	7.76	1659550	20.0
Nonanal	9.07	2.3	ng/ul	192398	1	7.76	1659550	20.0
n-Hexadecanoic acid	18.04	8.0	ng/ul	1550650	4	17.15	3893290	20.0
Phytol	19.06	2.9	ng/ul	567004	4	17.15	3893290	20.0
(DEL) Alkane: Str...	20.07	2.1	ng/ul	418295	5	21.33	3945590	20.0
Cinnamyl cinnamate	20.89	8.8	ng/ul	1739340	5	21.33	3945590	20.0
Ethanol, 2-(tetra...	21.04	12.6	ng/ul	2486360	5	21.33	3945590	20.0
Oxirane, heptadecyl-	21.66	2.7	ng/ul	524735	5	21.33	3945590	20.0
(DEL) Alkane: Str...	21.92	8.0	ng/ul	1577120	5	21.33	3945590	20.0
1-Heptadecanol	21.94	17.7	ng/ul	3499890	5	21.33	3945590	20.0
1,19-Eicosadiene	22.12	2.0	ng/ul	402378	5	21.33	3945590	20.0
(DEL) Alkane: Str...	22.38	4.2	ng/ul	836731	5	21.33	3945590	20.0
13-Docosen-1-ol, ...	22.62	52.2	ng/ul	8411810	6	23.61	3222500	20.0
Octadecanal	23.79	42.0	ng/ul	6759390	6	23.61	3222500	20.0
(DEL) Alkane: Str...	24.12	58.0	ng/ul	9340680	6	23.61	3222500	20.0
1-Hexacosanol	24.22	22.5	ng/ul	3631010	6	23.61	3222500	20.0
17-(1,5-Dimethylh...	24.89	22.7	ng/ul	3658730	6	23.61	3222500	20.0
Oxirane, hexadecyl-	25.34	49.8	ng/ul	8015500	6	23.61	3222500	20.0
(DEL) Alkane: Str...	25.76	22.9	ng/ul	3690990	6	23.61	3222500	20.0
Stigmasterol	26.05	27.3	ng/ul	4402290	6	23.61	3222500	20.0
.gamma.-Sitosterol	26.69	51.1	ng/ul	8235430	6	23.61	3222500	20.0
(Z)-14-Tricosenyl...	27.47	17.4	ng/ul	2803090	6	23.61	3222500	20.0
Stigmast-4-en-3-one	28.27	25.9	ng/ul	4170940	6	23.61	3222500	20.0