

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021273.D
 Acq On : 29 Jun 2019 21:53
 Operator : HP/JU
 Sample : K3593-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C7BB8

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	21	rVB	3289287	3994455	14.48%	1.638%
2	3.281	47	50	54	rBV2	49406	64413	0.23%	0.026%
3	4.352	228	232	236	rBV	102302	134917	0.49%	0.055%
4	4.405	237	241	249	rVB	403167	537491	1.95%	0.220%
5	6.863	653	659	664	rBV	265994	384697	1.39%	0.158%
6	6.934	664	671	684	rVB	1278219	2112127	7.66%	0.866%
7	7.098	694	699	711	rVB	933531	1505019	5.46%	0.617%
8	7.293	725	732	740	rVB	1349486	2098238	7.61%	0.860%
9	7.757	804	811	818	rBV	1088565	1767233	6.41%	0.725%
10	8.010	849	854	859	rBV3	36422	66444	0.24%	0.027%
11	8.469	924	932	947	rVV	1602837	2688591	9.74%	1.102%
12	8.922	1001	1009	1022	rBV	1280478	2190790	7.94%	0.898%
13	9.069	1030	1034	1043	rVB2	66190	111493	0.40%	0.046%
14	9.287	1064	1071	1081	rBV	203656	301624	1.09%	0.124%
15	9.634	1123	1130	1141	rBV	1119874	1912060	6.93%	0.784%
16	10.169	1213	1221	1232	rBV	1815399	3121615	11.31%	1.280%
17	10.545	1278	1285	1292	rBV	1616733	2686046	9.74%	1.101%
18	10.692	1304	1310	1329	rBV	583146	1182130	4.28%	0.485%
19	11.222	1394	1400	1407	rVB3	38986	63893	0.23%	0.026%
20	11.775	1489	1494	1500	rVB	126927	181170	0.66%	0.074%
21	12.669	1638	1646	1651	rBV3	60626	113287	0.41%	0.046%
22	12.745	1651	1659	1668	rVB2	48149	111161	0.40%	0.046%
23	12.998	1693	1702	1706	rBV2	54158	96169	0.35%	0.039%
24	13.816	1830	1841	1845	rBV	3274412	4665935	16.91%	1.913%
25	13.863	1845	1849	1856	rVB	1944602	2561878	9.29%	1.050%
26	14.092	1882	1888	1901	rVB	3681500	5603696	20.31%	2.298%
27	14.404	1933	1941	1948	rBV2	2429347	3730502	13.52%	1.530%
28	14.463	1948	1951	1958	rVB	58463	94832	0.34%	0.039%
29	14.621	1970	1978	1989	rBV	952789	1667376	6.04%	0.684%
30	14.780	1999	2005	2007	rBV	56260	99066	0.36%	0.041%
31	15.192	2071	2075	2078	rVV	50038	71153	0.26%	0.029%
32	15.345	2097	2101	2104	rBV	78507	100936	0.37%	0.041%
33	15.398	2104	2110	2116	rVV	4790420	6748013	24.46%	2.767%
34	15.451	2116	2119	2126	rVB	50853	77793	0.28%	0.032%

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35	15.527	2126	2132	2138	rBV	924106	1298277	4.71%	0.532%
36	15.633	2144	2150	2160	rBV3	72588	152897	0.55%	0.063%
37	15.745	2164	2169	2175	rVB3	49923	87667	0.32%	0.036%
38	15.963	2199	2206	2214	rVB4	126011	234567	0.85%	0.096%
39	16.110	2226	2231	2232	rBV	65379	87151	0.32%	0.036%
40	16.263	2252	2257	2261	rBV5	44635	95551	0.35%	0.039%
41	16.474	2278	2293	2296	rBV8	102986	225247	0.82%	0.092%
42	16.545	2301	2305	2310	rVV	141906	198589	0.72%	0.081%
43	16.598	2310	2314	2319	rVB2	59495	86394	0.31%	0.035%
44	16.804	2346	2349	2355	rVB2	72392	113601	0.41%	0.047%
45	16.904	2358	2366	2370	rBV5	99400	220620	0.80%	0.090%
46	17.045	2385	2390	2397	rBV	224802	350450	1.27%	0.144%
47	17.110	2397	2401	2403	rVV	143000	184973	0.67%	0.076%
48	17.151	2403	2408	2412	rVV2	2844218	4022545	14.58%	1.649%
49	17.192	2412	2415	2419	rVV	897347	1247805	4.52%	0.512%
50	17.251	2419	2425	2434	rVV	4376030	6515121	23.61%	2.671%
51	17.462	2458	2461	2465	rVB	52649	66150	0.24%	0.027%
52	17.527	2465	2472	2475	rBV3	135254	226728	0.82%	0.093%
53	17.668	2492	2496	2502	rVB3	86865	141009	0.51%	0.058%
54	17.927	2534	2540	2546	rBV	603684	925344	3.35%	0.379%
55	17.986	2546	2550	2554	rVV	826896	1056387	3.83%	0.433%
56	18.051	2554	2561	2570	rVB2	3212754	4717936	17.10%	1.934%
57	18.221	2585	2590	2594	rBV2	198997	344909	1.25%	0.141%
58	18.333	2605	2609	2614	rBV2	155025	285437	1.03%	0.117%
59	18.474	2629	2633	2636	rBV7	62002	86769	0.31%	0.036%
60	18.527	2639	2642	2646	rVB	128575	167230	0.61%	0.069%
61	18.574	2646	2650	2654	rBV	113741	166564	0.60%	0.068%
62	18.768	2681	2683	2687	rBV3	69792	87262	0.32%	0.036%
63	18.904	2703	2706	2709	rBV2	77901	96285	0.35%	0.039%
64	18.962	2709	2716	2720	rBV2	251932	427178	1.55%	0.175%
65	19.062	2728	2733	2746	rVB2	759481	1212482	4.39%	0.497%
66	19.180	2749	2753	2754	rBV	496253	570241	2.07%	0.234%
67	19.209	2754	2758	2772	rVV	3403416	5299043	19.21%	2.173%
68	19.321	2773	2777	2787	rVV2	709098	1127577	4.09%	0.462%
69	19.545	2810	2815	2818	rBV	4470952	6500449	23.56%	2.665%
70	19.574	2818	2820	2825	rVB	1983098	2171959	7.87%	0.891%
71	19.892	2870	2874	2882	rBV2	143824	360511	1.31%	0.148%

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72	20.074	2898	2905	2909	rVB3	589202	1179029	4.27%	0.483%
73	20.168	2918	2921	2925	rBV	216077	248232	0.90%	0.102%
74	20.815	3028	3031	3037	rBV	210126	285961	1.04%	0.117%
75	21.039	3064	3069	3078	rVB3	2652879	3489474	12.65%	1.431%
76	21.115	3079	3082	3090	rVB	300020	402070	1.46%	0.165%
77	21.333	3112	3119	3123	rBV2	3190550	5846349	21.19%	2.397%
78	21.374	3123	3126	3134	rVB	1321691	1772600	6.42%	0.727%
79	21.480	3140	3144	3152	rVB3	492195	843994	3.06%	0.346%
80	21.656	3171	3174	3178	rVB2	586433	655697	2.38%	0.269%
81	21.915	3214	3218	3219	rBV	1684209	1847618	6.70%	0.758%
82	21.939	3219	3222	3230	rVB2	2513407	3408945	12.36%	1.398%
83	22.121	3250	3253	3259	rVB4	500692	710445	2.58%	0.291%
84	22.380	3293	3297	3301	rBV	900963	1259276	4.56%	0.516%
85	22.621	3332	3338	3344	rBV	9700669	13093154	47.46%	5.368%
86	22.903	3380	3386	3389	rBV	4279452	7465312	27.06%	3.061%
87	22.956	3389	3395	3404	rVB2	15677788	27589547	100.00%	11.312%
88	23.409	3469	3472	3476	rBV	526561	862973	3.13%	0.354%
89	23.468	3476	3482	3486	rBV	3565388	6216560	22.53%	2.549%
90	23.609	3500	3506	3511	rBV	1824966	3487786	12.64%	1.430%
91	23.791	3531	3537	3545	rVB	4640120	8870858	32.15%	3.637%
92	24.127	3587	3594	3602	rVB	5069324	10014630	36.30%	4.106%
93	24.221	3603	3610	3622	rBV	3597481	7627198	27.65%	3.127%
94	24.886	3716	3723	3736	rBV4	1753555	4308033	15.61%	1.766%
95	25.338	3793	3800	3811	rVB	2859705	6872890	24.91%	2.818%
96	25.762	3864	3872	3879	rBV	3221447	8512160	30.85%	3.490%
97	25.915	3893	3898	3912	rVB2	1553433	4446444	16.12%	1.823%
98	26.050	3915	3921	3935	rVB3	1451147	4255718	15.43%	1.745%
99	26.691	4022	4030	4041	rVB2	3140900	9302609	33.72%	3.814%
100	28.285	4294	4301	4318	rVB4	1420758	5010875	18.16%	2.055%

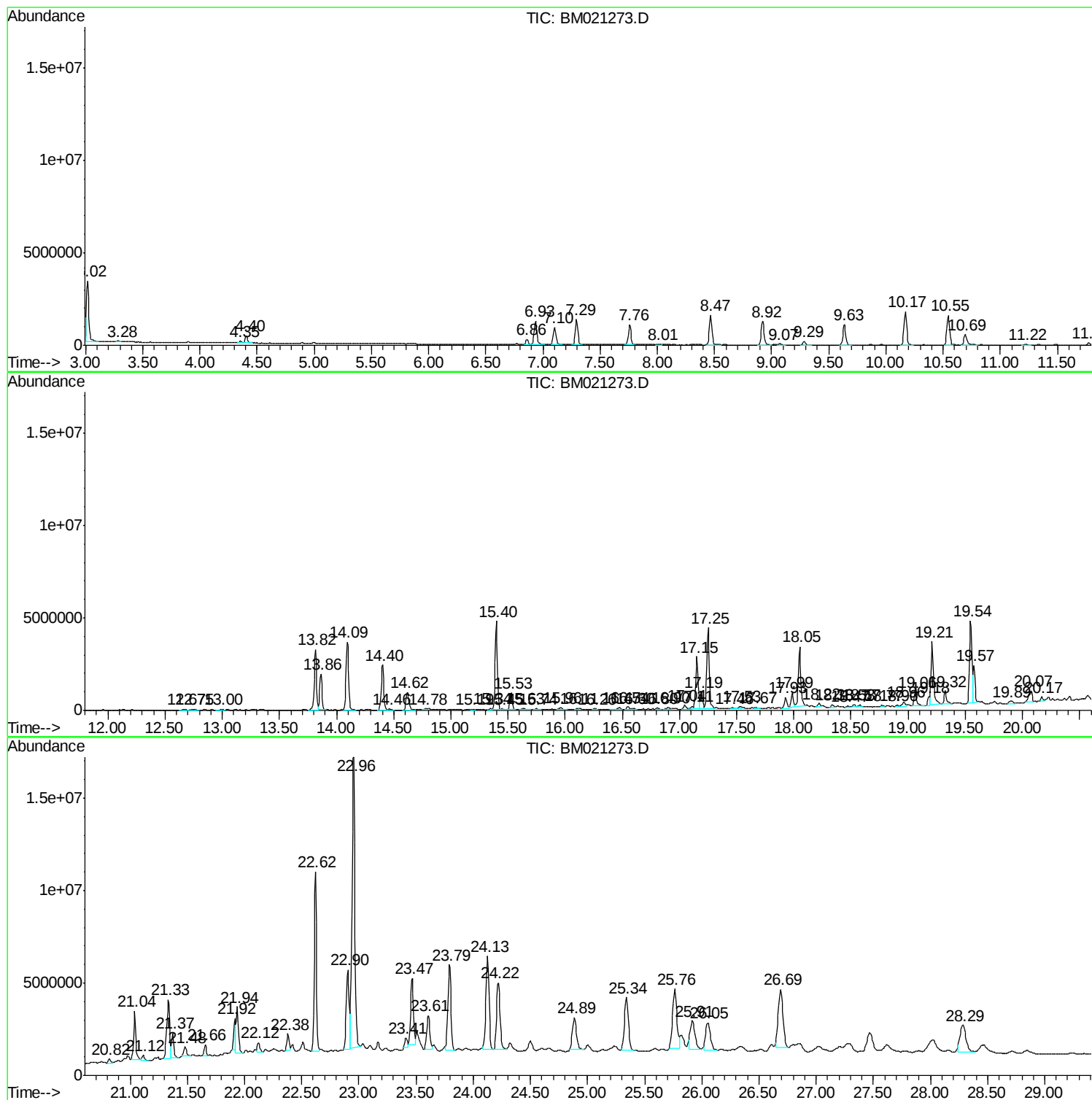
Sum of corrected areas: 243891585

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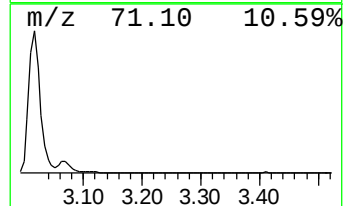
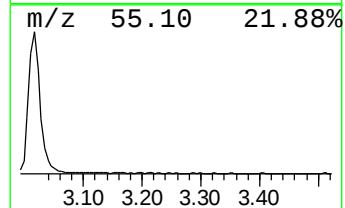
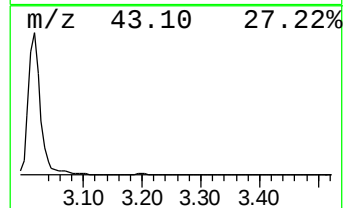
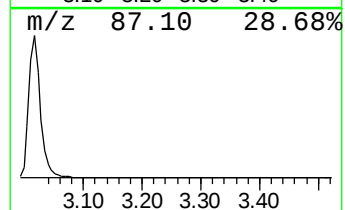
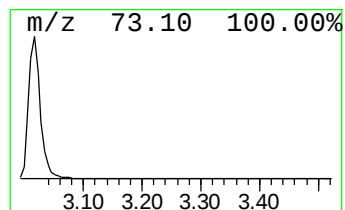
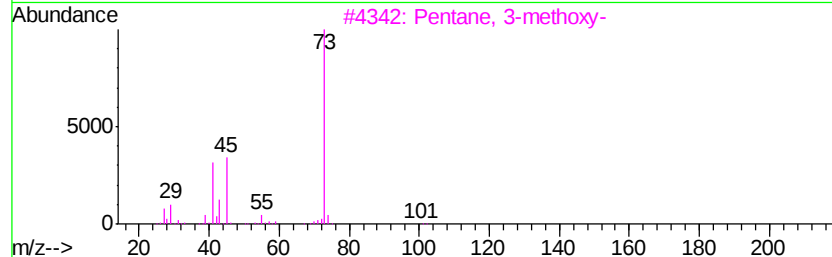
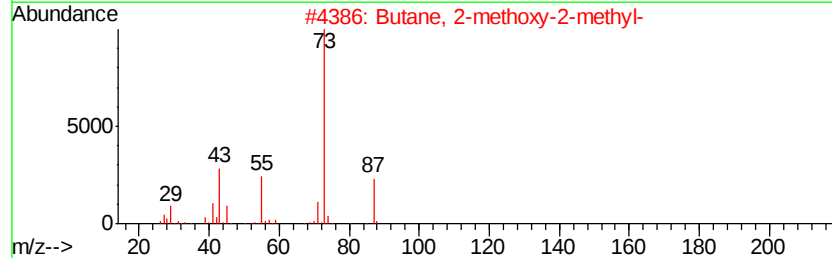
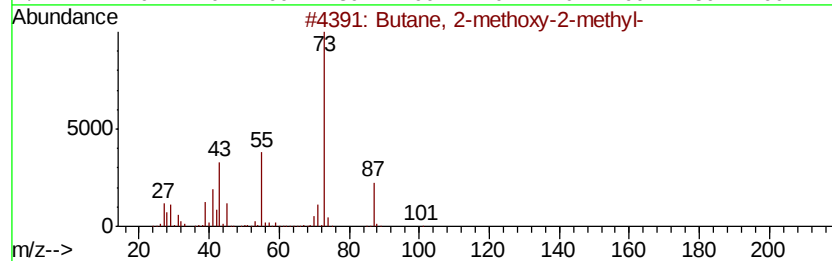
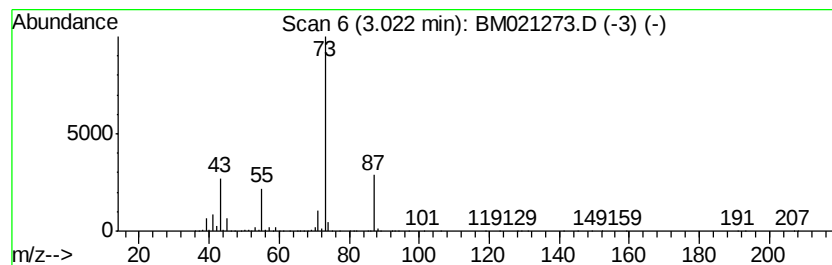
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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	45.21 ng/ul	3994460	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	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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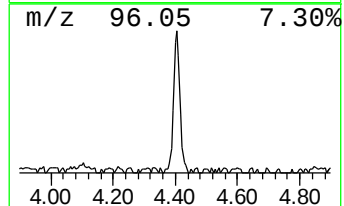
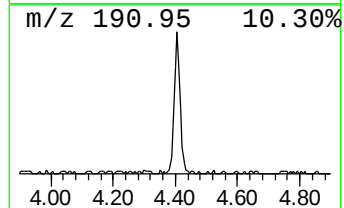
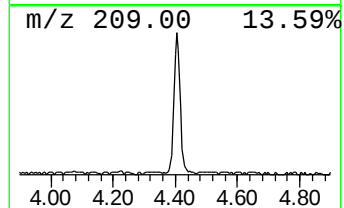
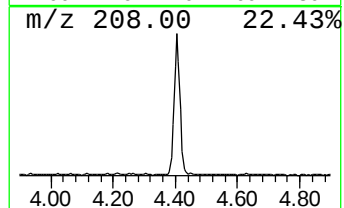
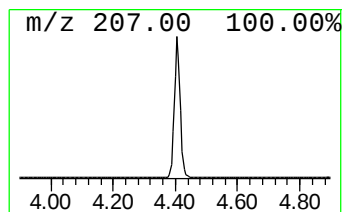
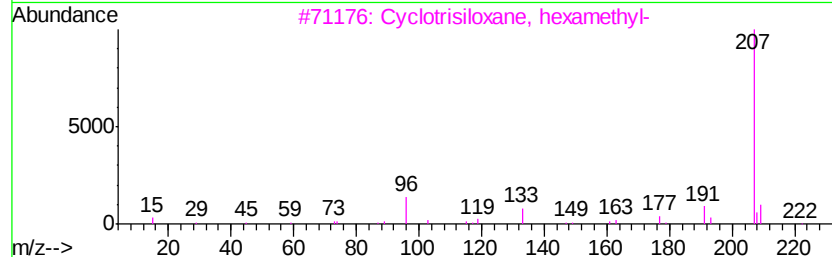
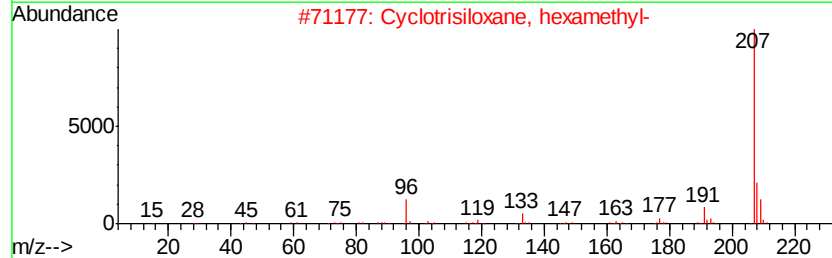
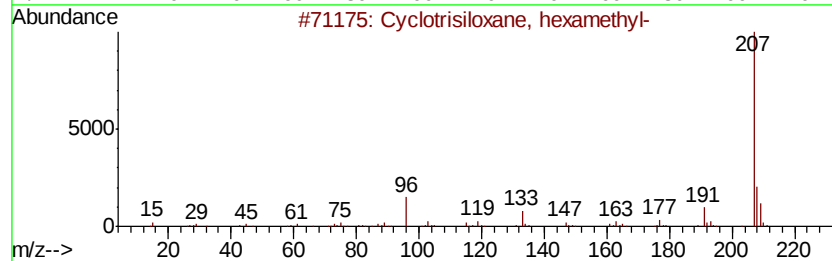
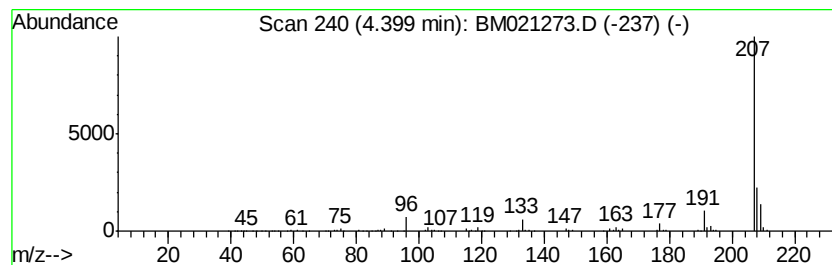
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.08 ng/ul	537491	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
4			5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39



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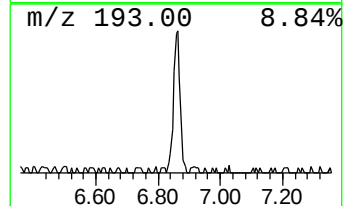
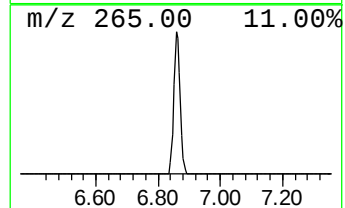
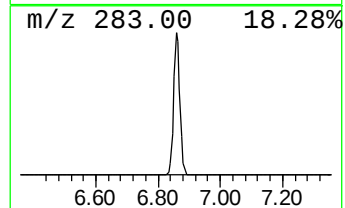
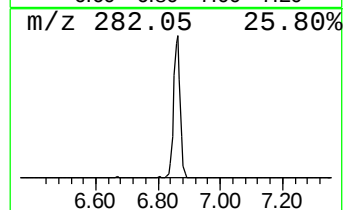
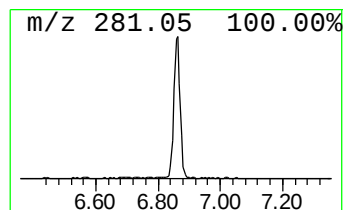
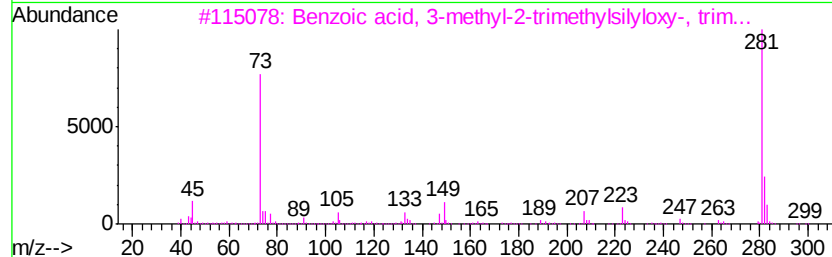
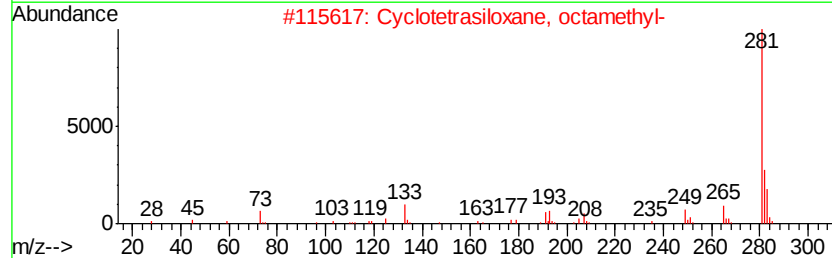
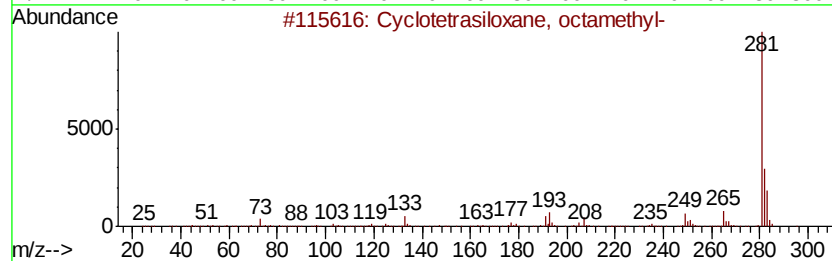
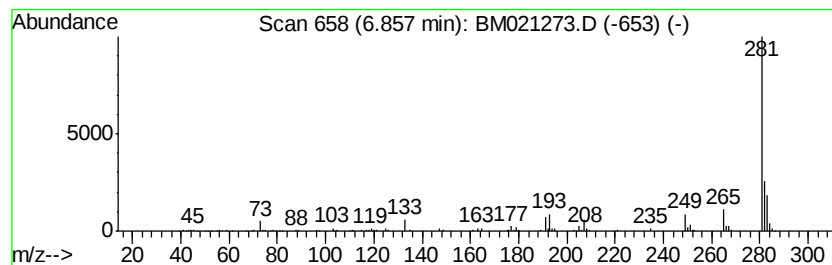
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.35 ng/ul	384697	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3			Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	59
4			trans-4-(2-(5-Nitro-2-furyl)vinyl...	281	C15H11N3O3	000847-10-9	59
5			Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	50



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Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
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ClientSampleId :
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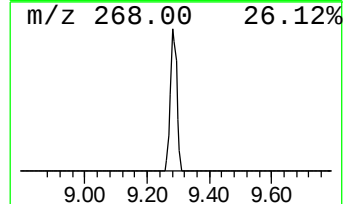
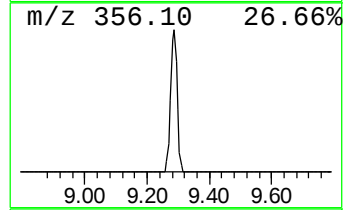
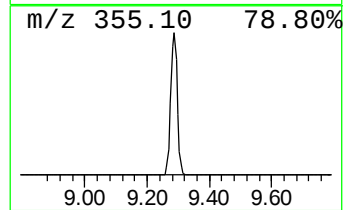
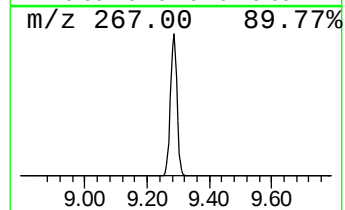
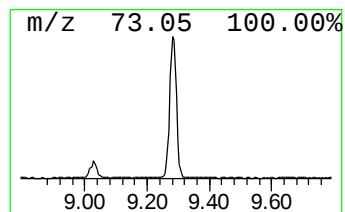
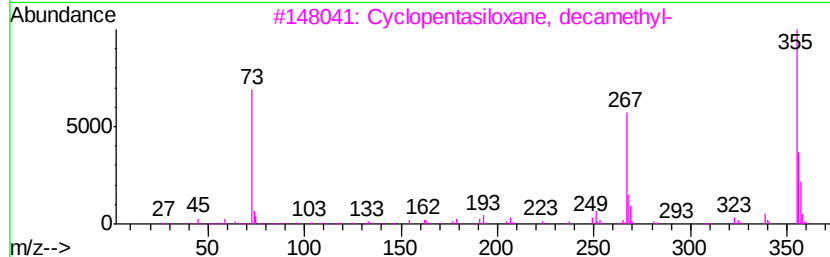
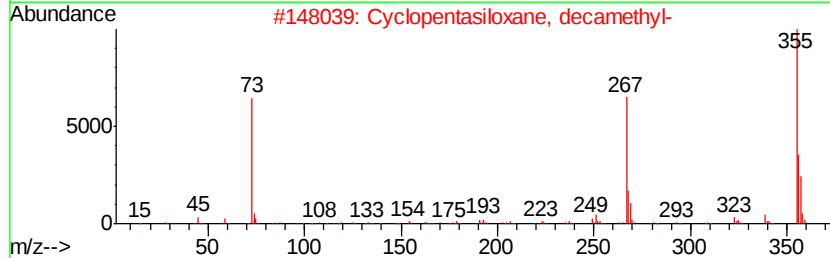
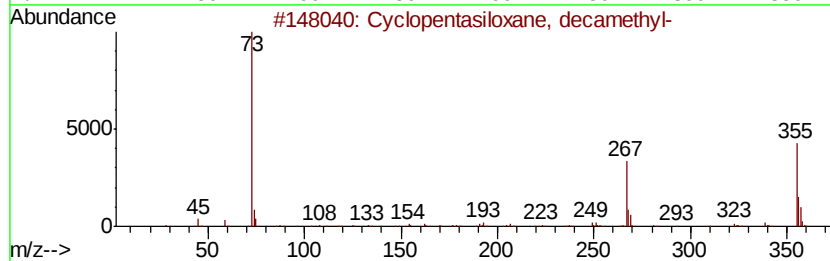
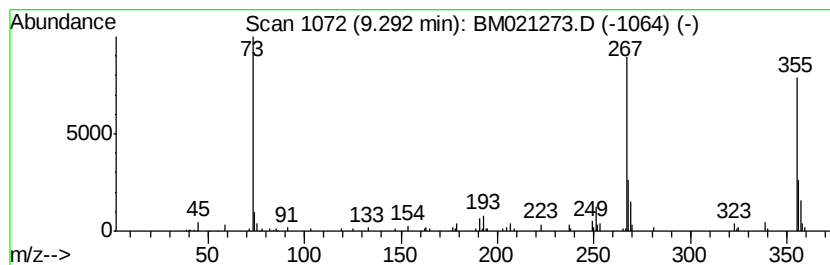
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.25 ng/ul	301624	Naphthalene-d8	10.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
4		Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35N02Si3	068595-60-8	47
5		Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	43



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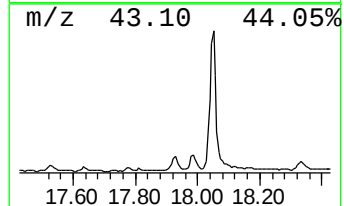
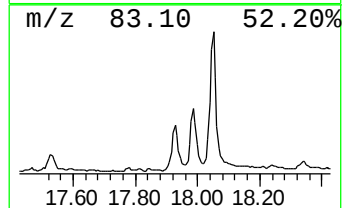
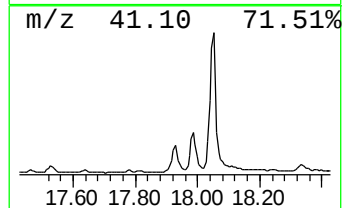
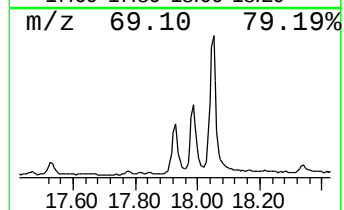
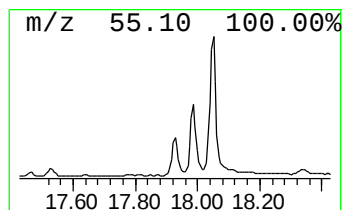
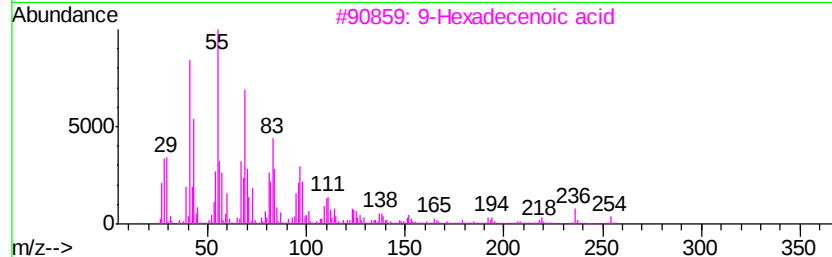
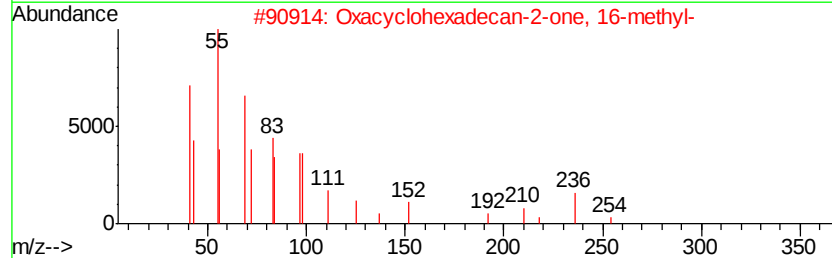
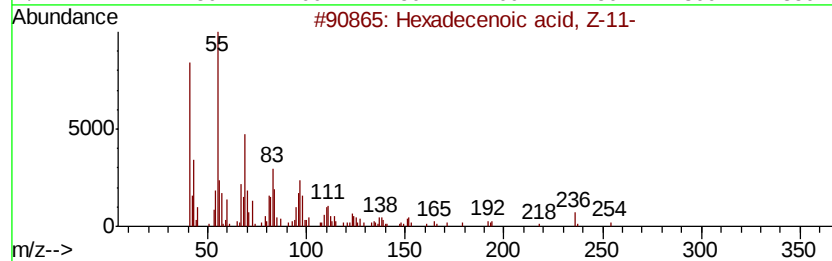
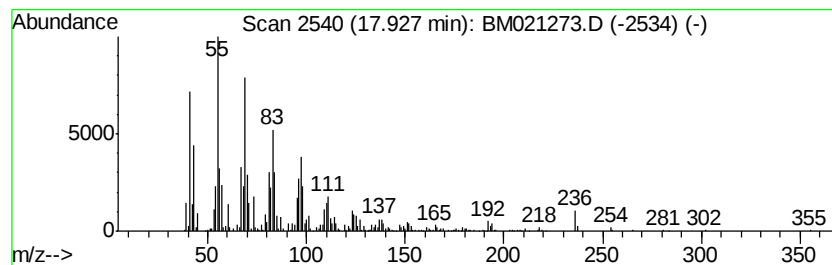
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecenoic acid, Z-11- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.60 ng/ul	925344	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2		Oxacyclohexadecan-2-one, 16-methyl-	254	C16H30O2	004459-57-8	89
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	78
4		9-Octadecenoic acid, ethyl ester	310	C20H38O2	006512-99-8	72
5		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60



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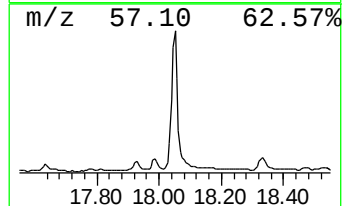
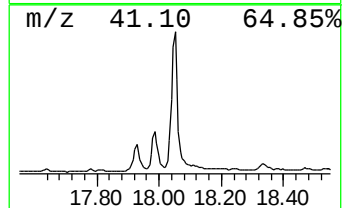
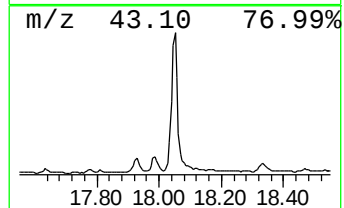
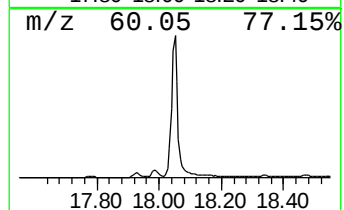
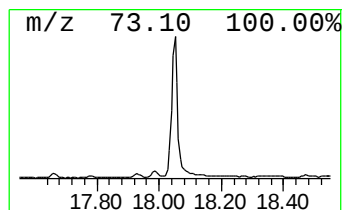
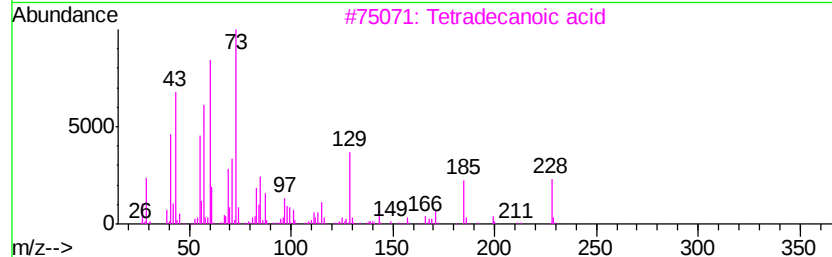
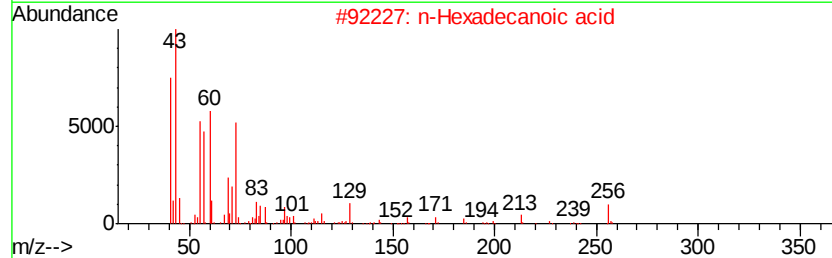
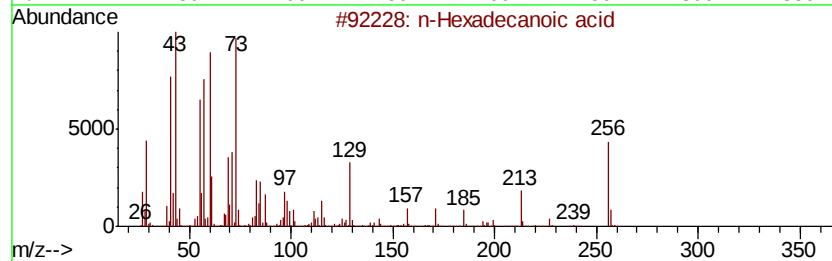
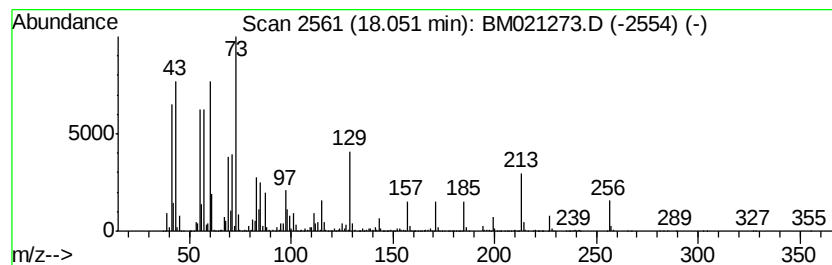
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	23.46 ng/ul	4717940	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Undecanoic acid	186	C11H22O2	000112-37-8	83



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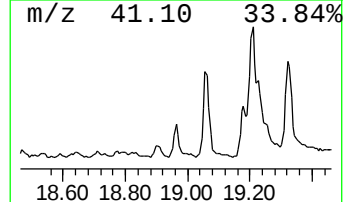
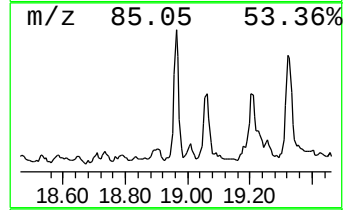
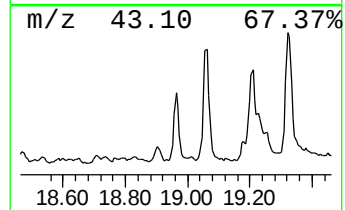
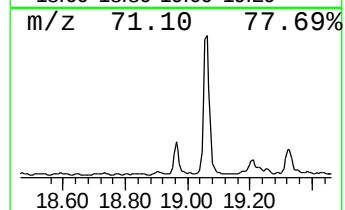
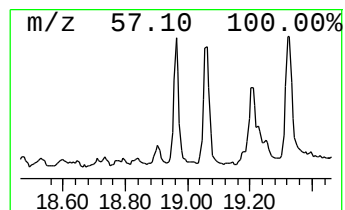
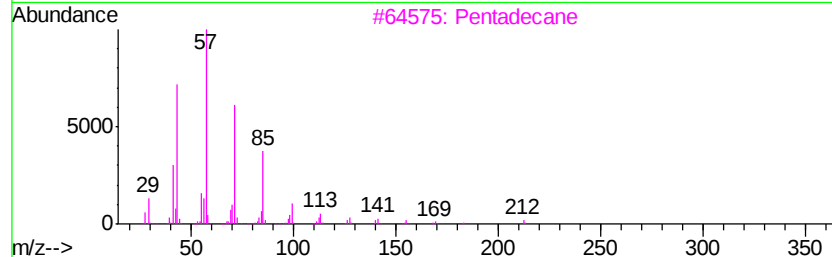
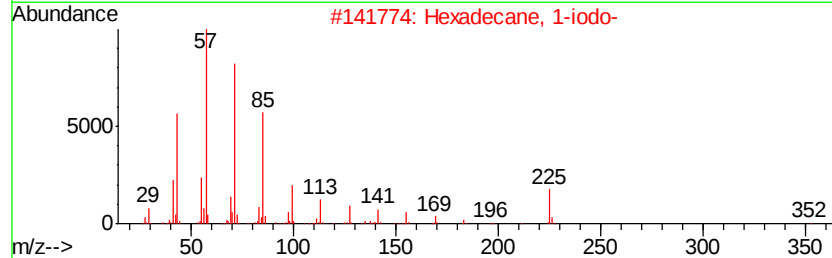
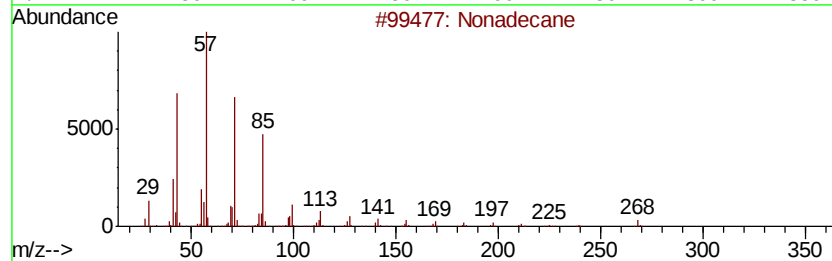
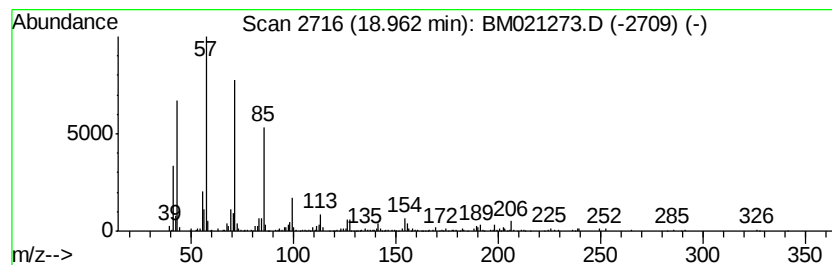
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.12 ng/ul	427178	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	83
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
3		Pentadecane	212	C15H32	000629-62-9	83
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5		Octadecane	254	C18H38	000593-45-3	80



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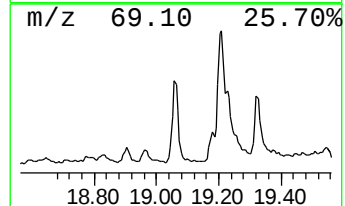
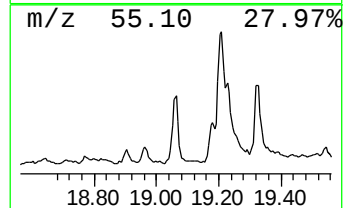
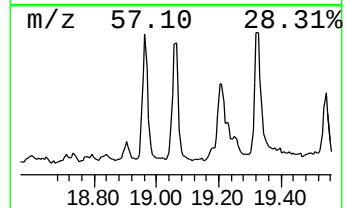
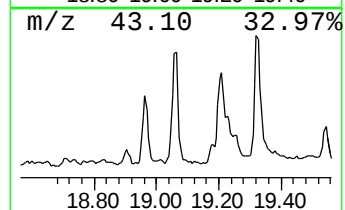
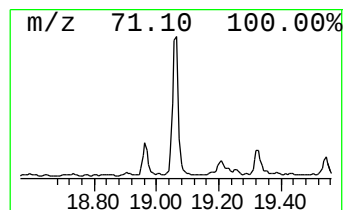
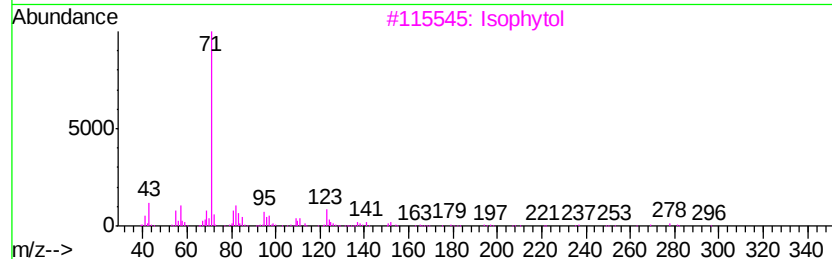
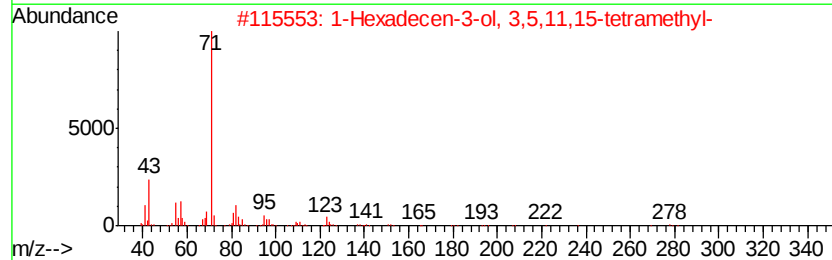
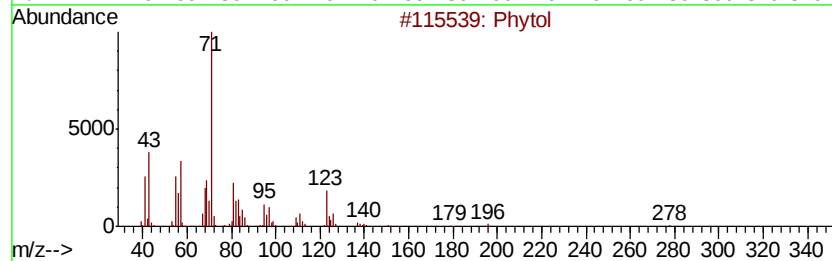
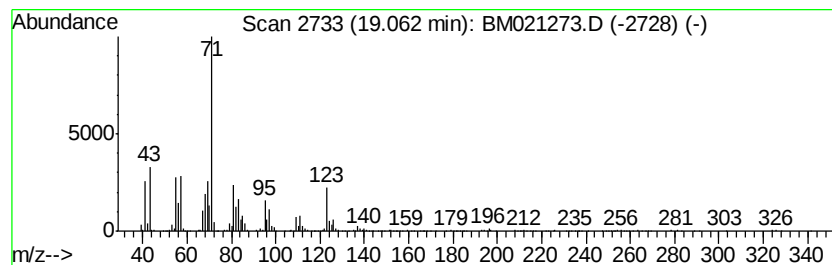
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phytol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	6.03 ng/ul	1212480	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol		296	C20H40O	000150-86-7	91
2	1-Hexadecen-3-ol, 3,5,11,15-tetr...		296	C20H40O	1000262-55-5	72
3	Isophytol		296	C20H40O	000505-32-8	64
4	Cyclohexanol, 3,5-dimethyl-		128	C8H16O	005441-52-1	60
5	Phytol		296	C20H40O	000150-86-7	52



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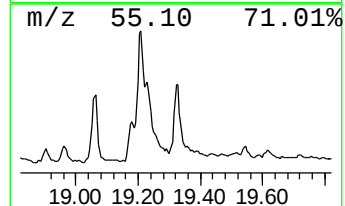
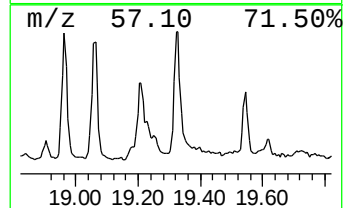
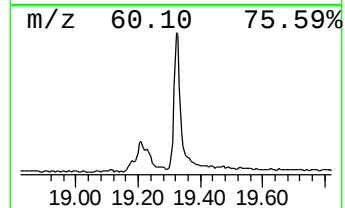
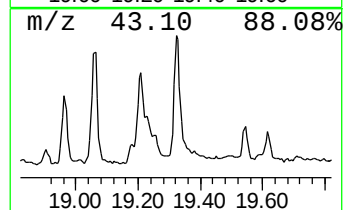
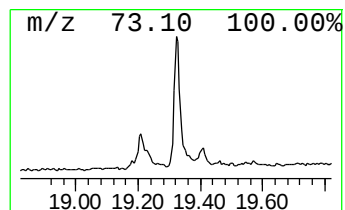
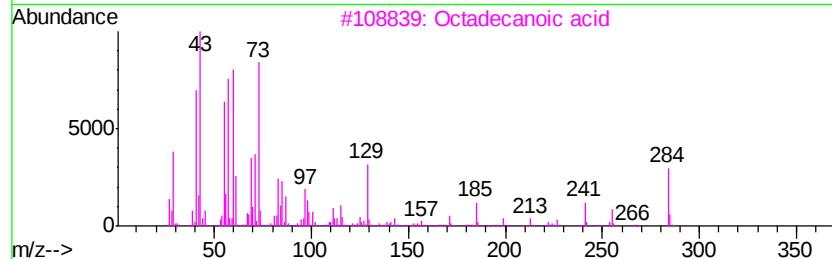
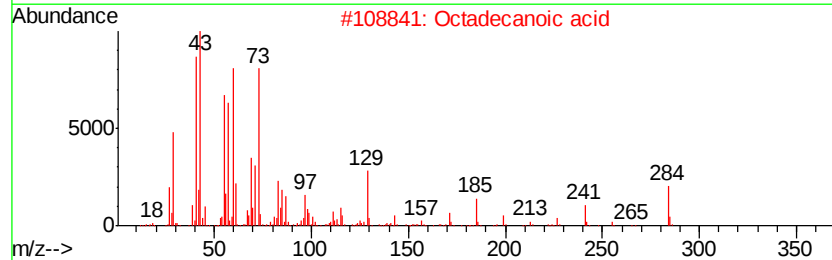
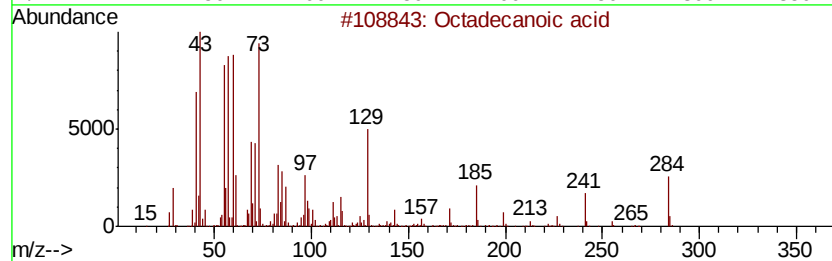
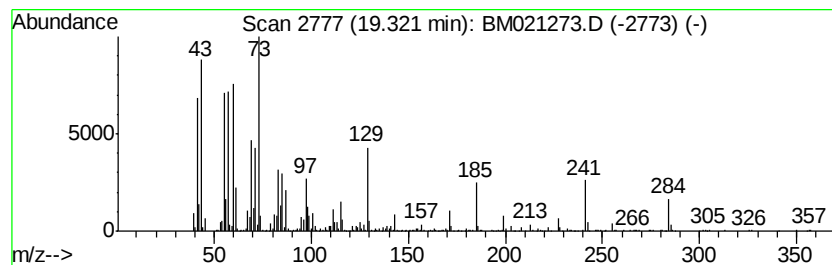
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.86 ng/ul	1127580	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			Tetradecanoic acid	228	C14H28O2	000544-63-8	76



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ClientSampleId :
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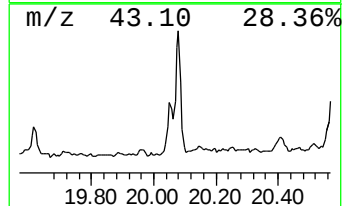
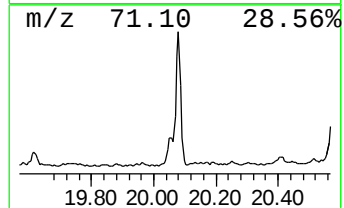
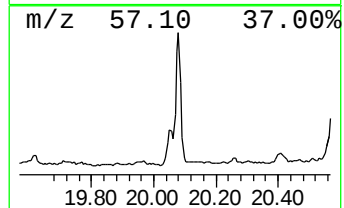
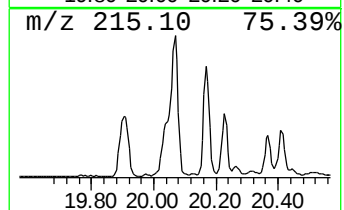
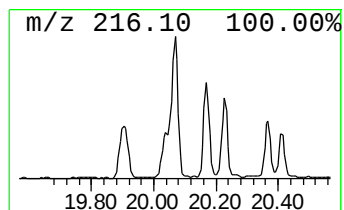
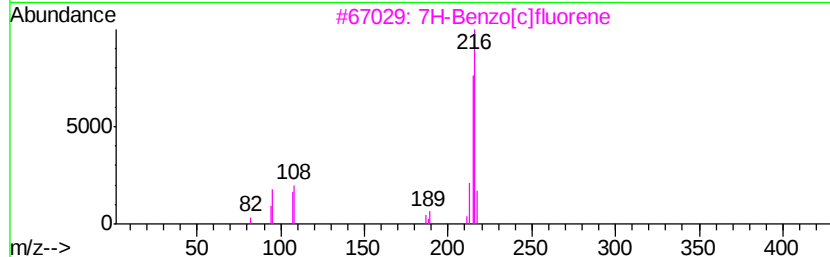
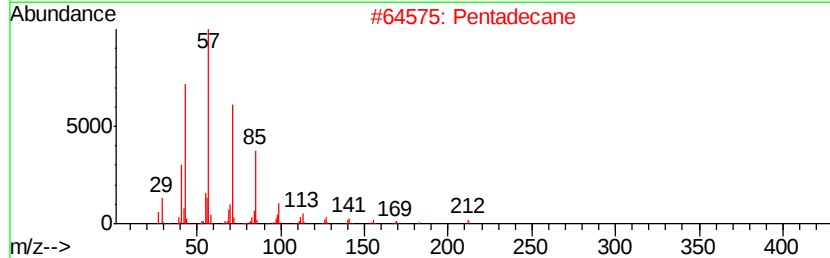
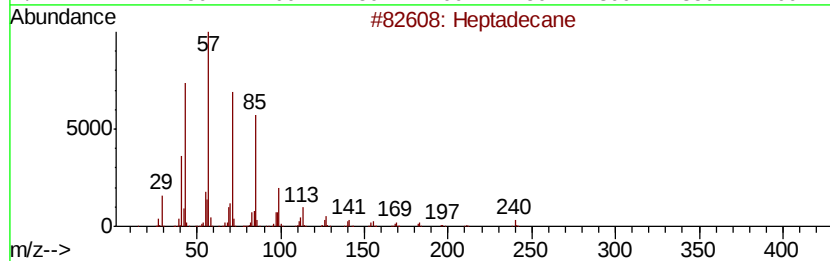
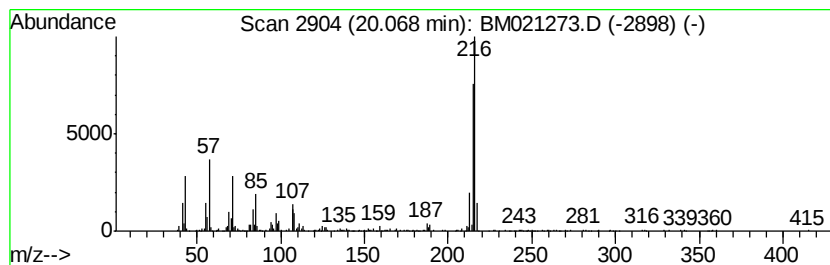
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	4.03 ng/ul	1179030	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	87
2		Pentadecane	212	C15H32	000629-62-9	64
3		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
5		Heneicosane	296	C21H44	000629-94-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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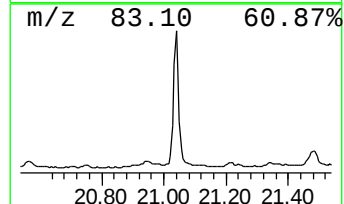
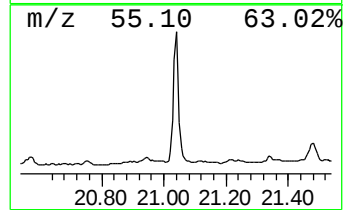
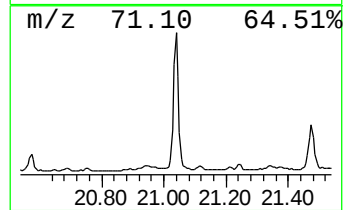
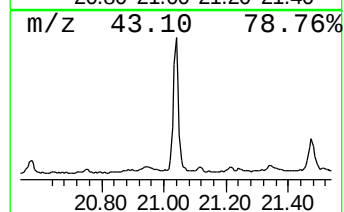
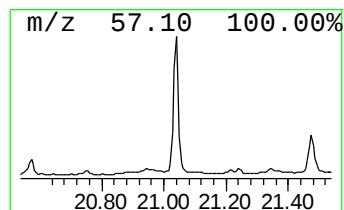
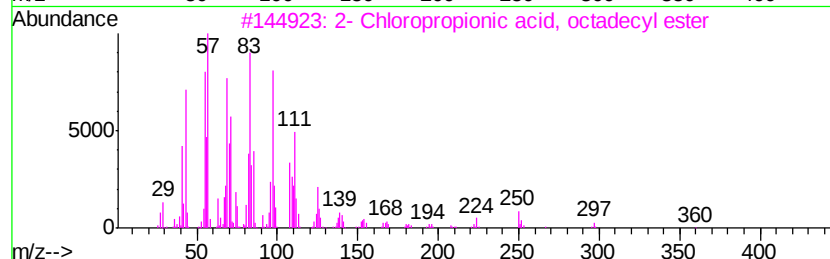
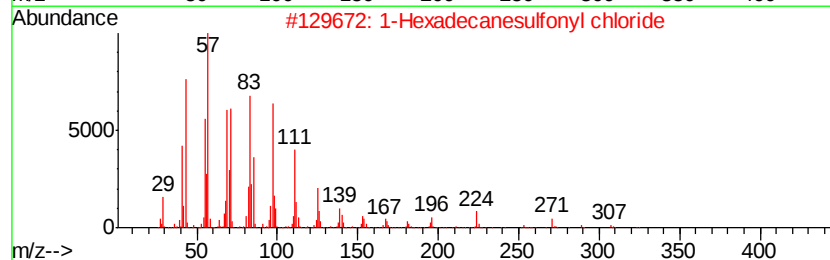
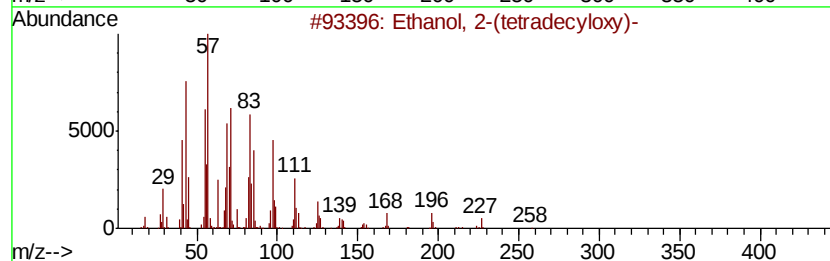
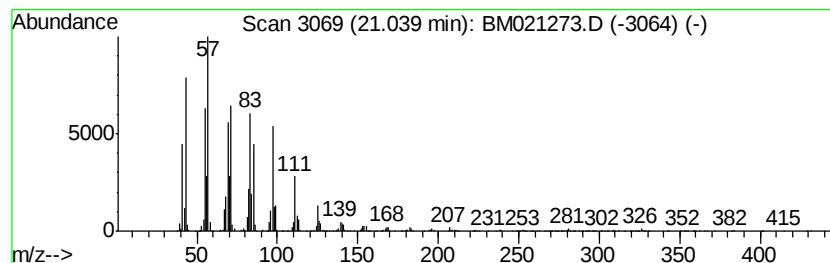
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Ethanol, 2-(tetradecyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	11.94 ng/ul	3489470	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
3		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	89
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		1-Eicosene	280	C20H40	003452-07-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-17
Misc :
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Instrument :
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ClientSampleId :
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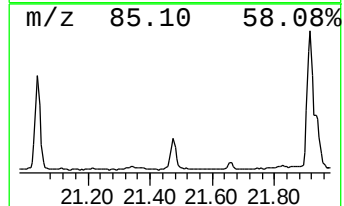
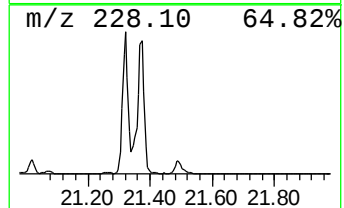
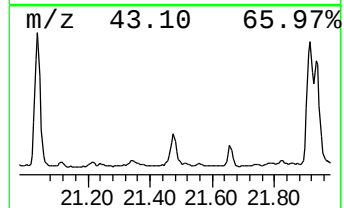
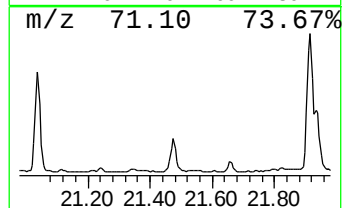
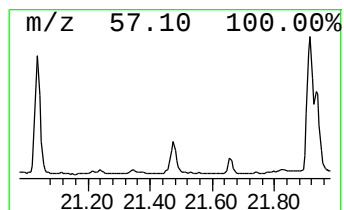
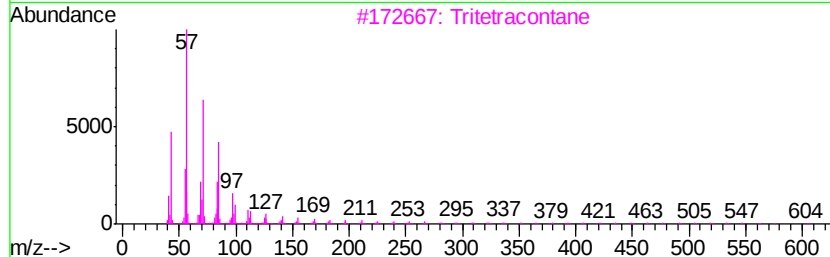
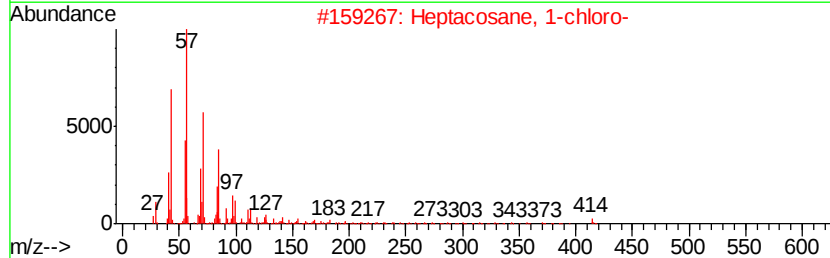
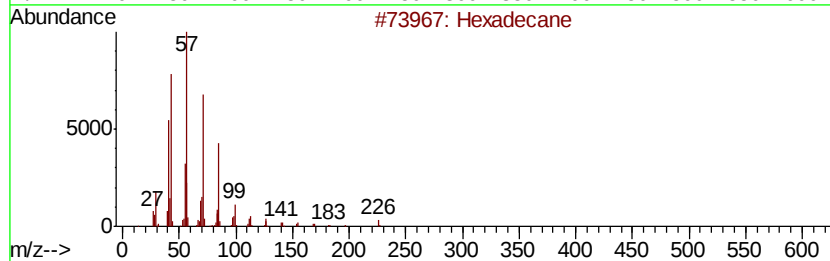
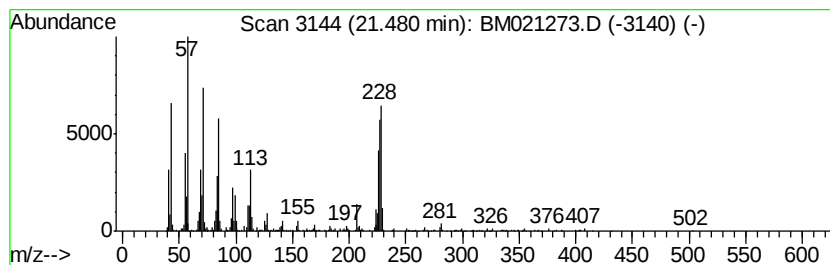
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.89 ng/ul	843994	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43
3		Tritetracontane	605	C43H88	007098-21-7	43
4		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	43
5		Heptadecane	240	C17H36	000629-78-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
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Sample : K3593-17
Misc :
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ClientSampleId :
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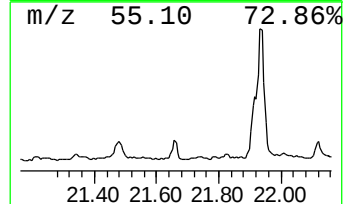
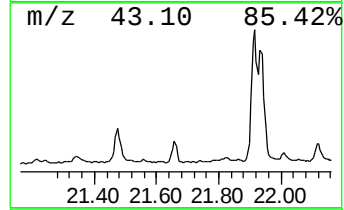
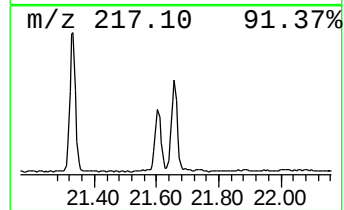
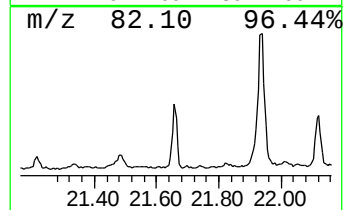
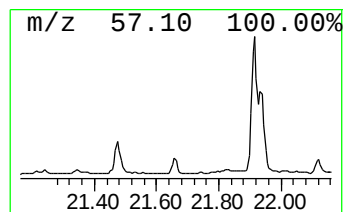
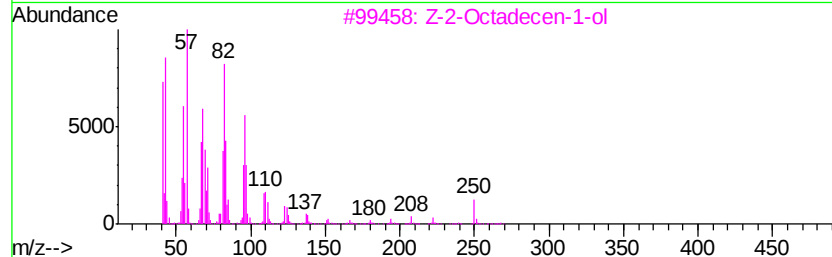
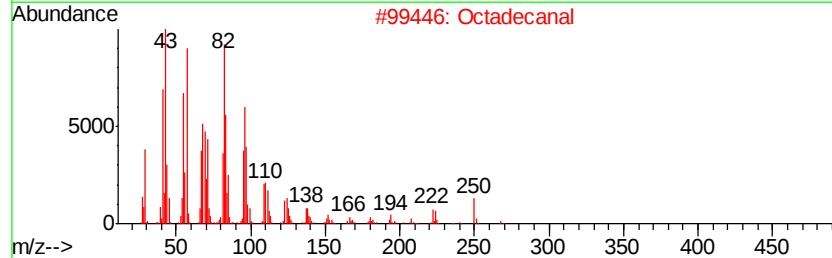
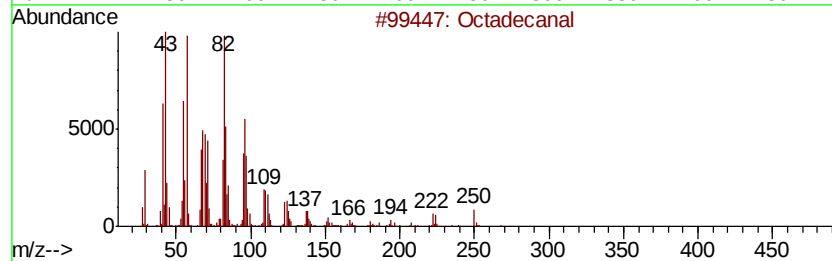
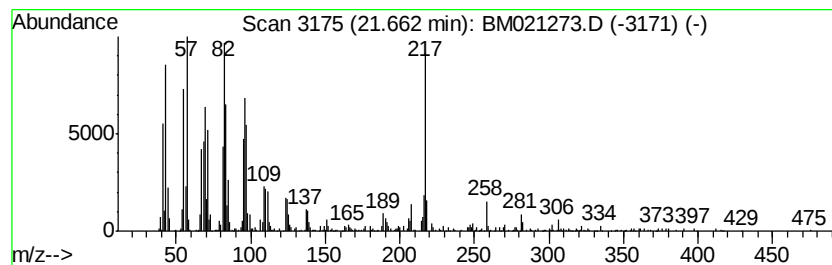
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Octadecanal Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.24 ng/ul	655697	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	95
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
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Misc :
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ClientSampleId :
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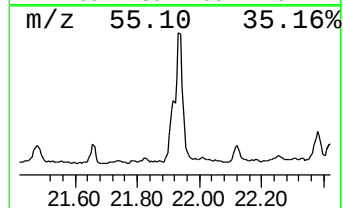
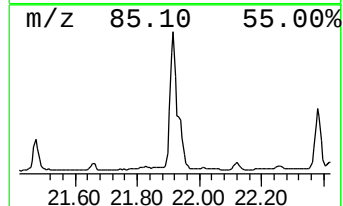
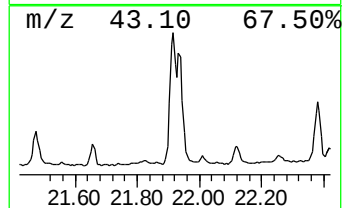
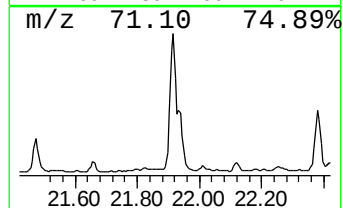
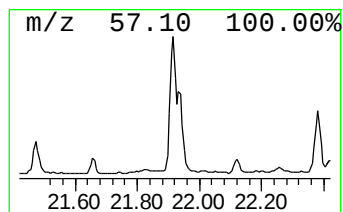
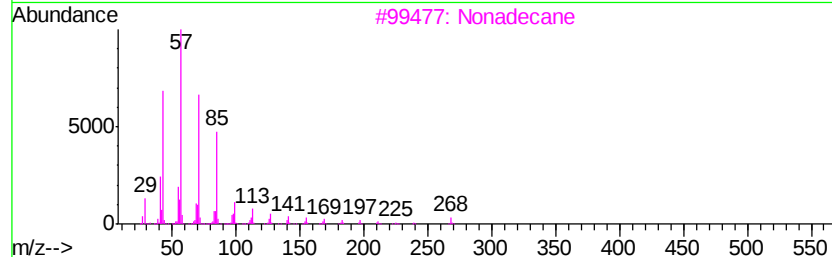
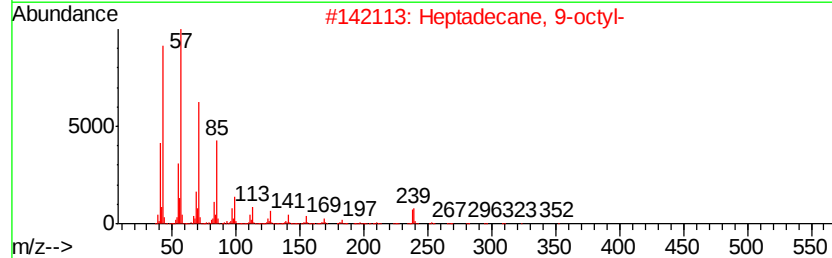
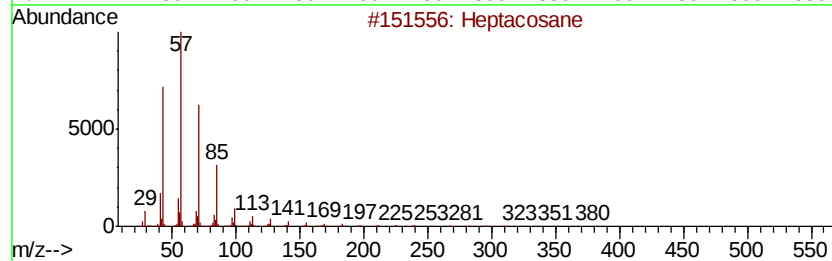
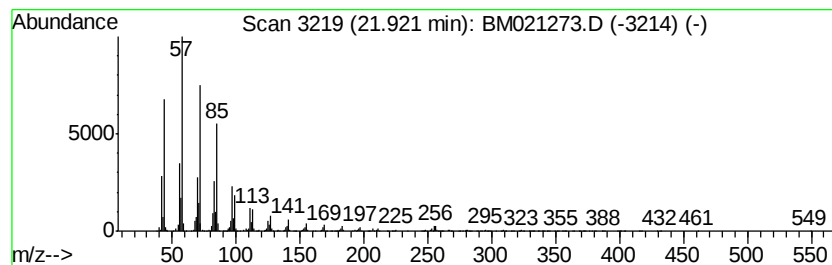
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	6.32 ng/ul	1847620	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Nonadecane	268	C19H40	000629-92-5	94
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
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Misc :
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Instrument :
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ClientSampleId :
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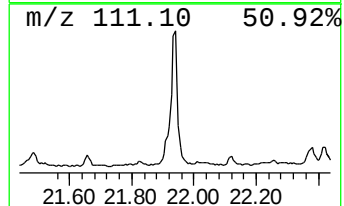
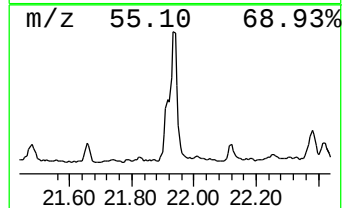
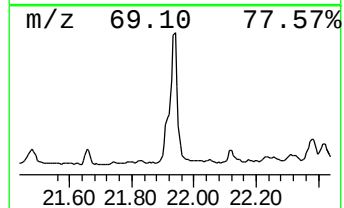
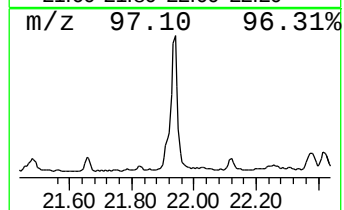
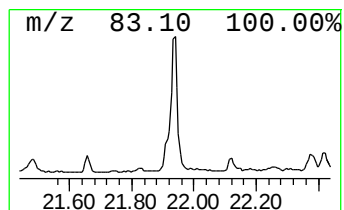
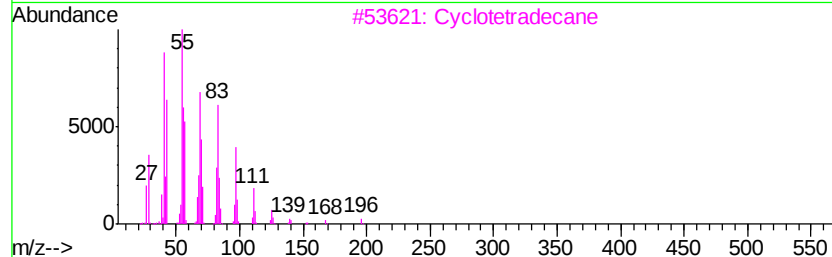
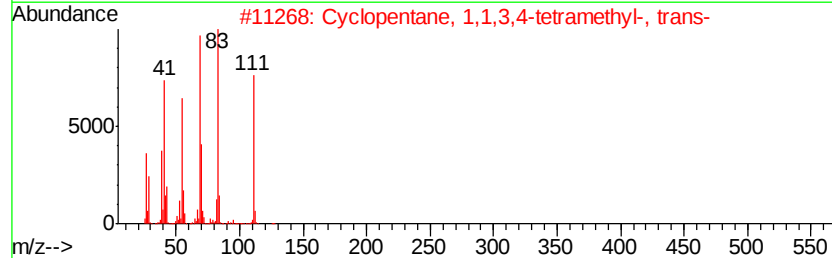
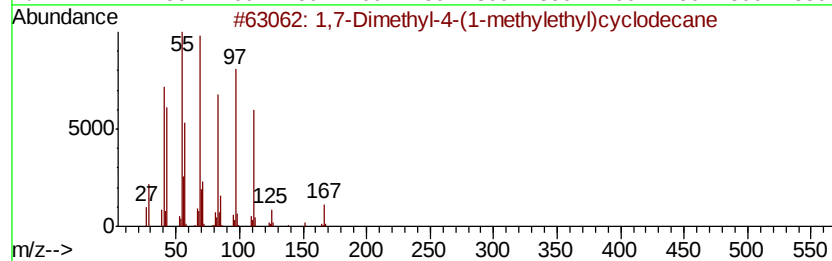
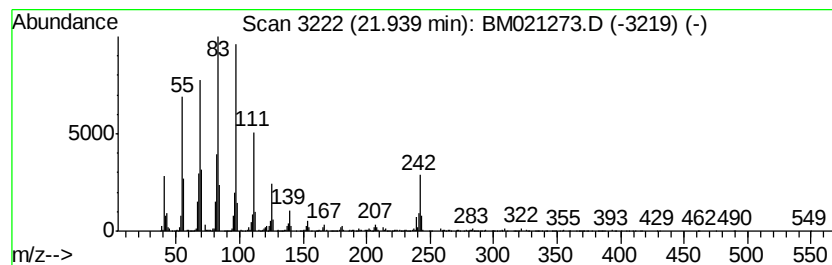
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic21.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	11.66 ng/ul	3408950	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cyclo...	210	C15H30	000645-10-3	47
2		Cyclopentane, 1,1,3,4-tetramethyl...	126	C9H18	020309-77-7	38
3		Cyclotetradecane	196	C14H28	000295-17-0	27
4		1-Nonadecene	266	C19H38	018435-45-5	27
5		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
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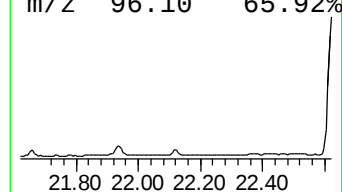
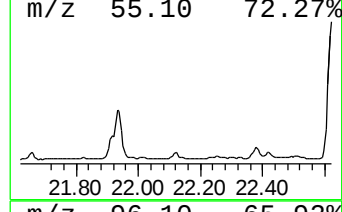
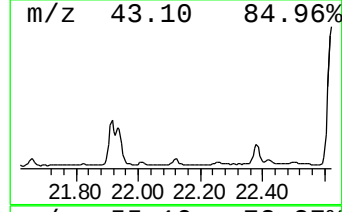
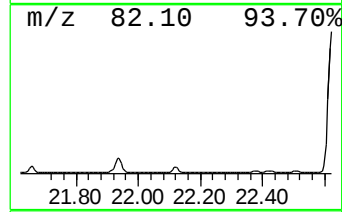
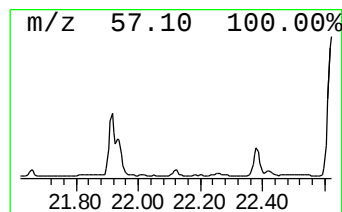
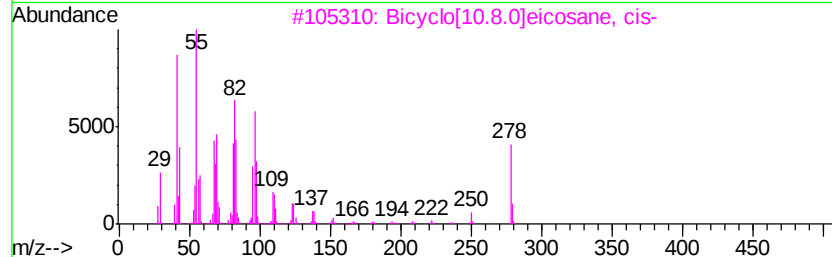
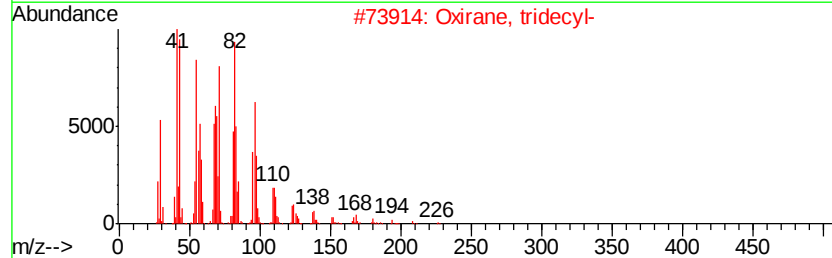
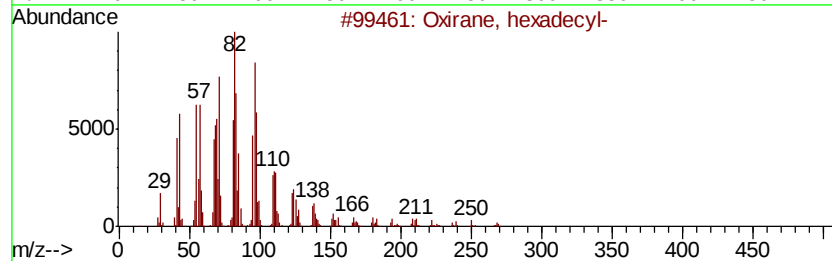
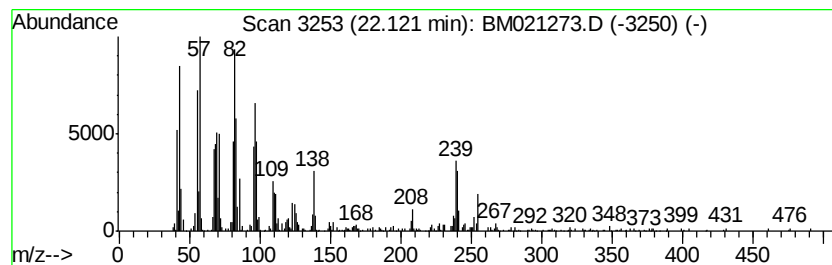
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Oxirane, hexadecyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.43 ng/ul	710445	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	99
2		Oxirane, tridecyl-	226	C15H30O	018633-25-5	99
3		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	93
4		Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	92
5		Oxirane, tetradecyl-	240	C16H32O	007320-37-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
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Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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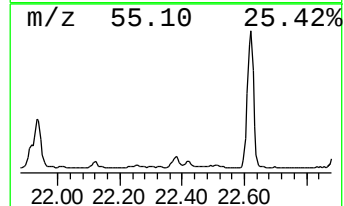
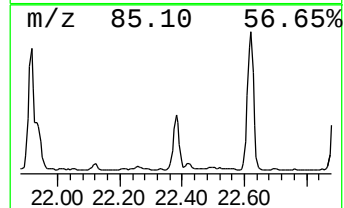
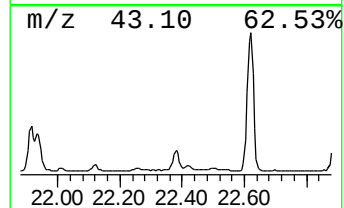
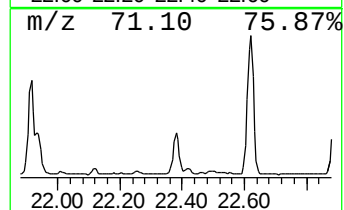
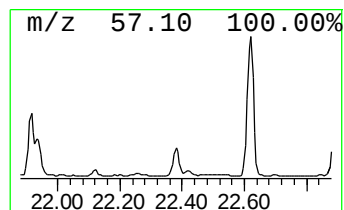
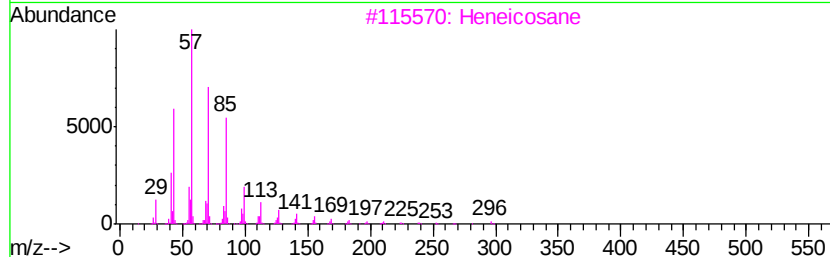
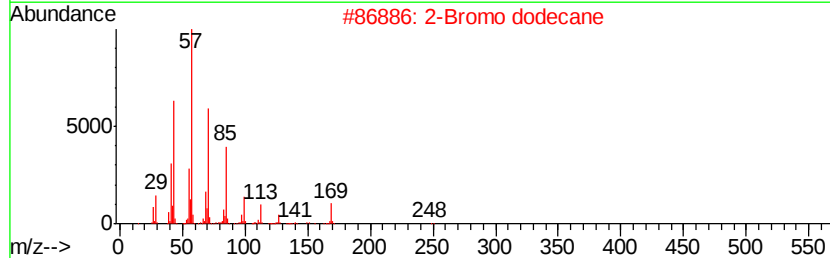
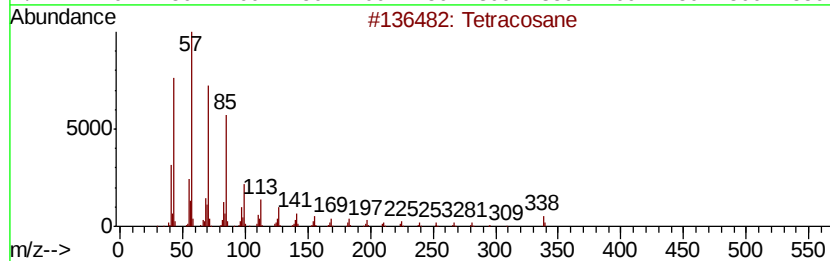
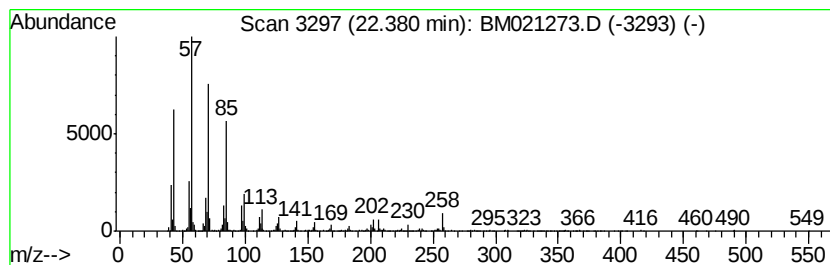
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	4.31 ng/ul	1259280	Chrysene-d12	21.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3			Heneicosane	296	C21H44	000629-94-7	90
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampled :
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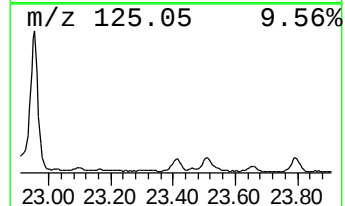
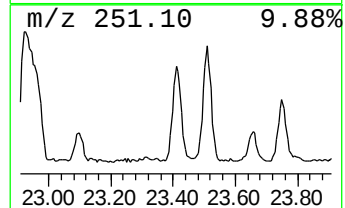
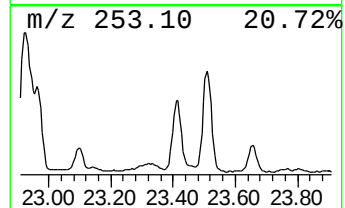
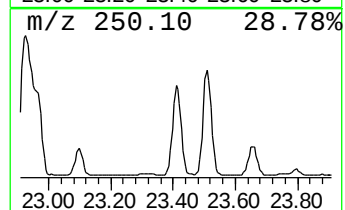
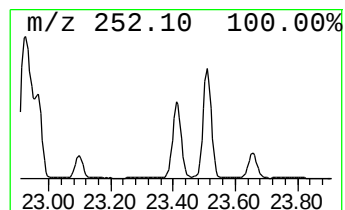
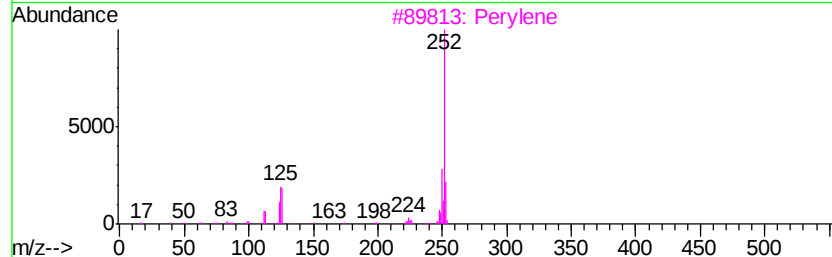
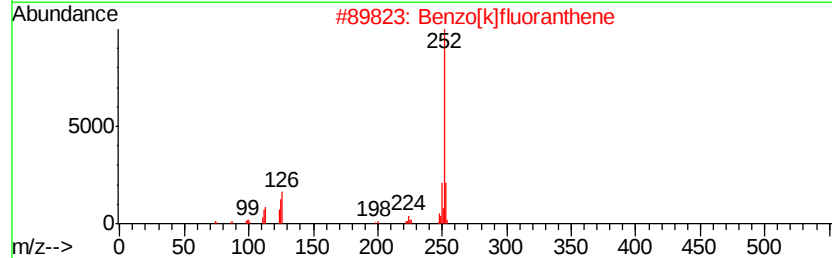
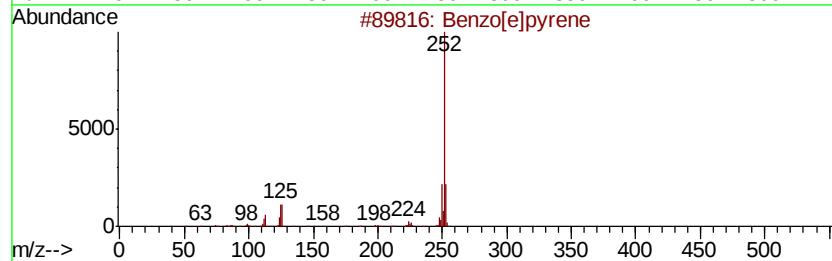
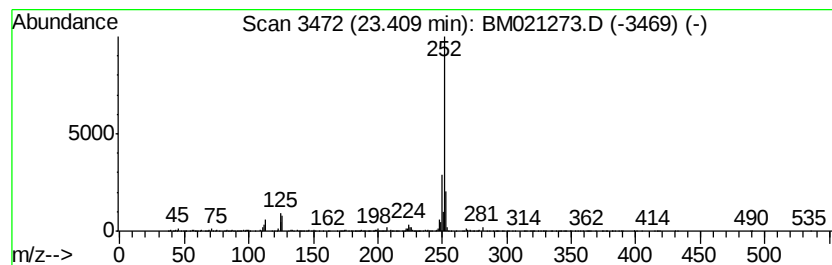
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	4.95 ng/ul	862973	Perylene-d12	23.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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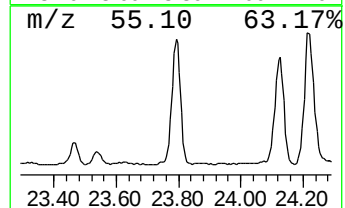
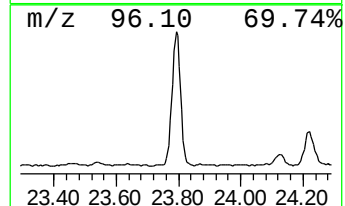
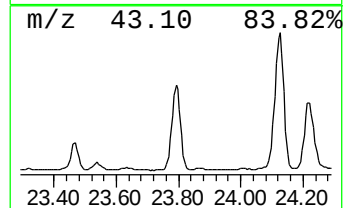
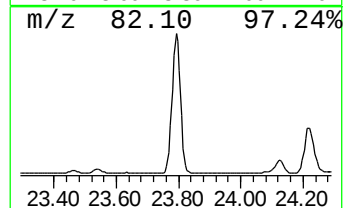
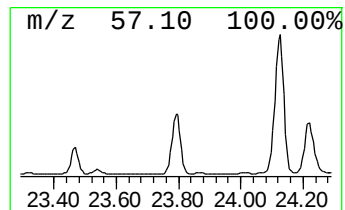
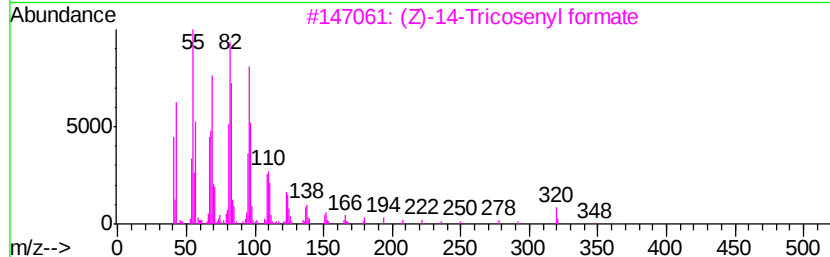
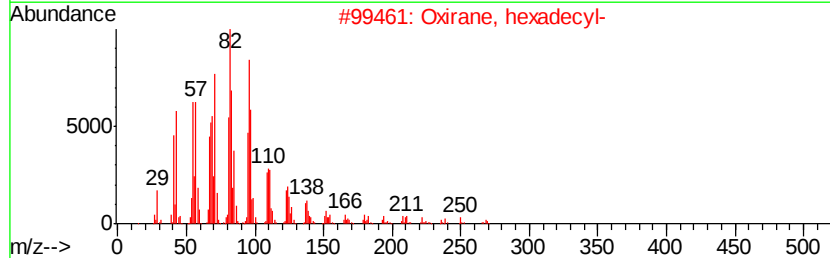
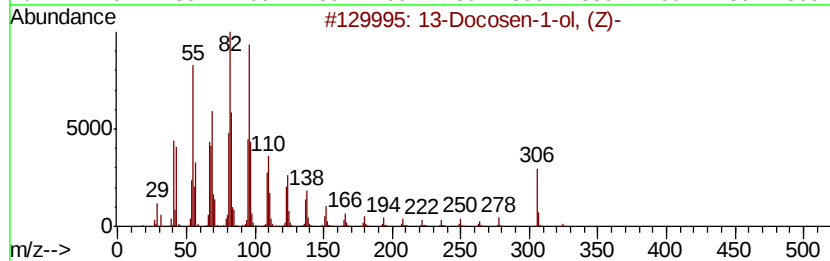
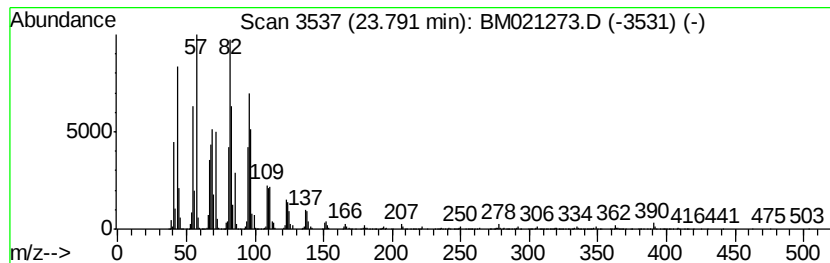
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 13-Docosen-1-ol, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	50.87 ng/ul	8870860	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		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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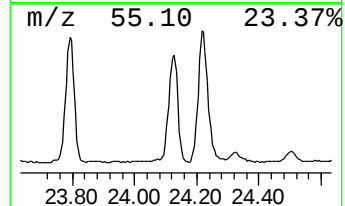
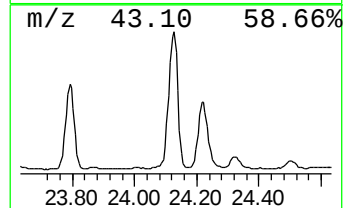
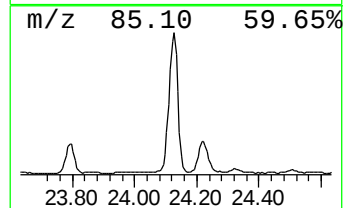
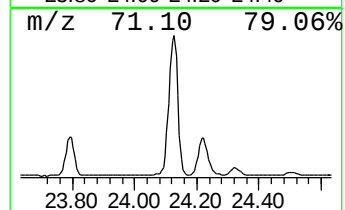
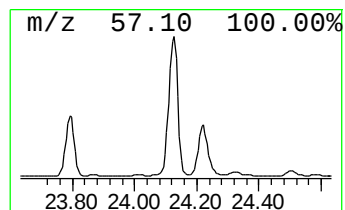
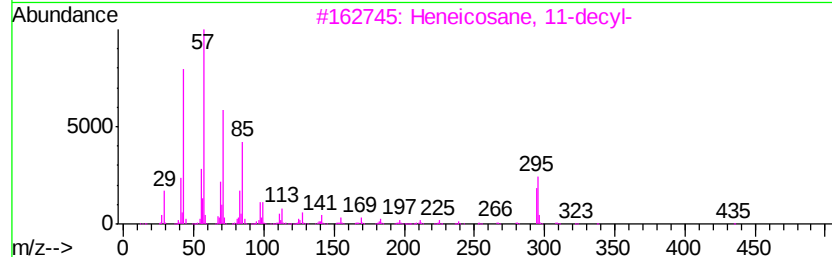
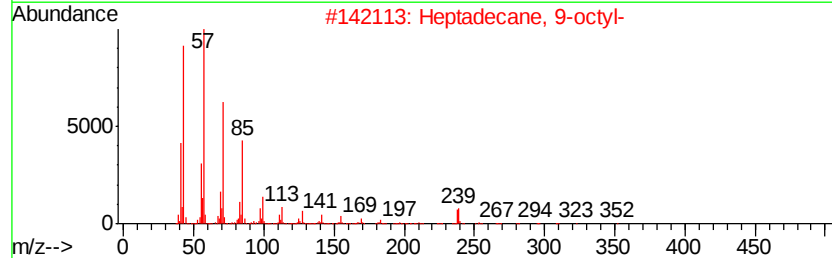
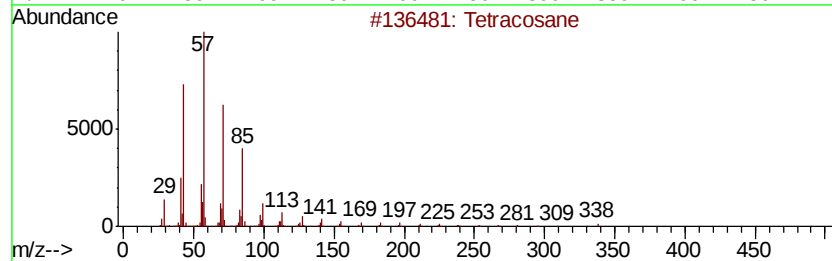
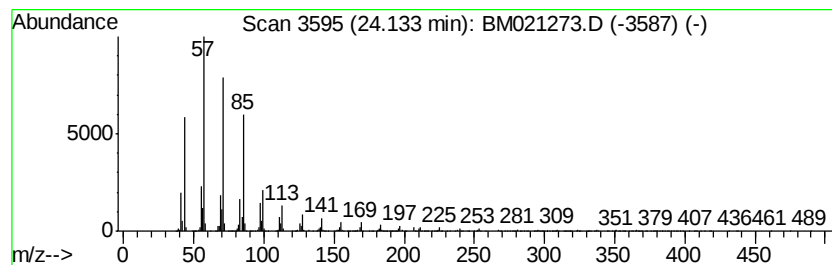
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	57.43 ng/ul	10014600	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
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Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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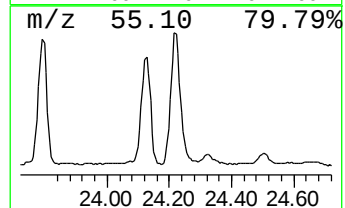
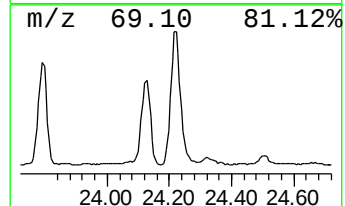
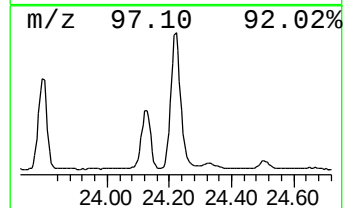
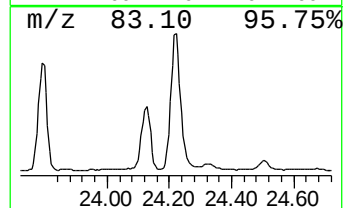
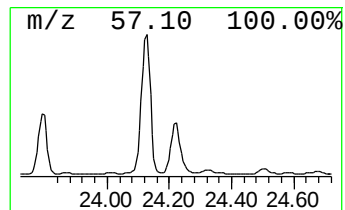
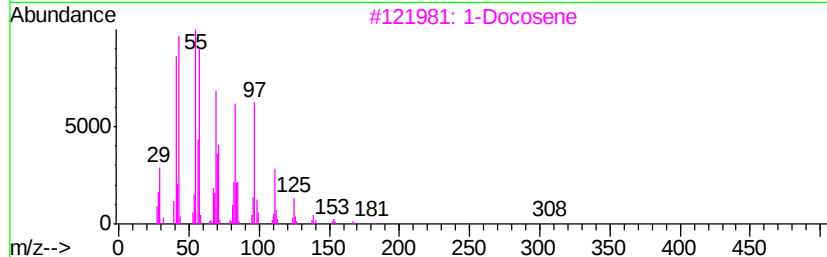
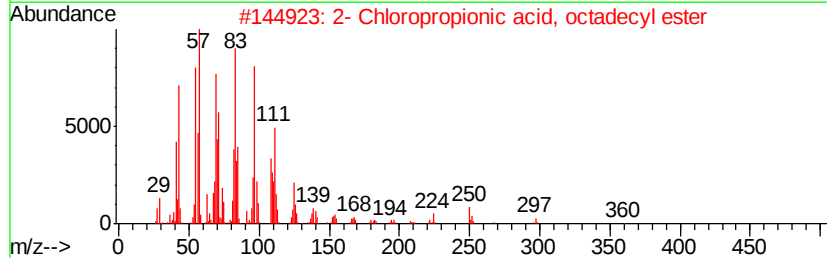
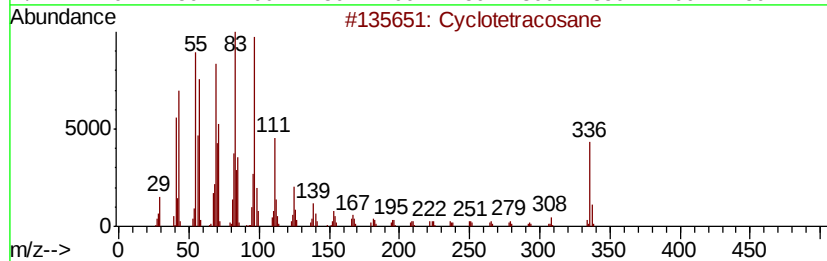
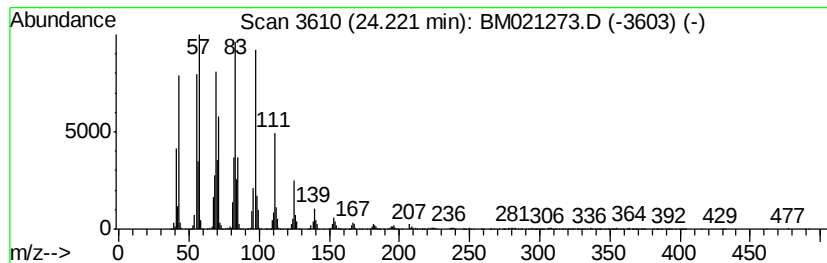
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Cyclic24.22 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	43.74 ng/ul	7627200	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3		1-Docosene	308	C22H44	001599-67-3	81
4		Cyclooctacosane	392	C28H56	000297-24-5	76
5		1-Nonadecanol	284	C19H40O	001454-84-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C7BB8

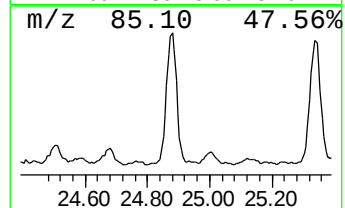
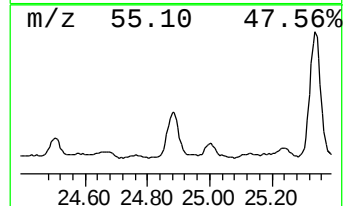
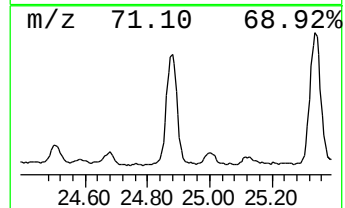
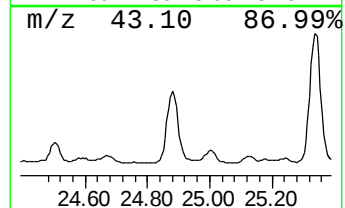
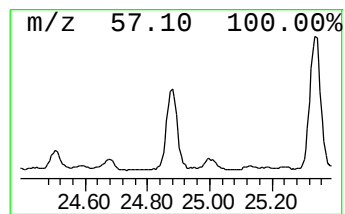
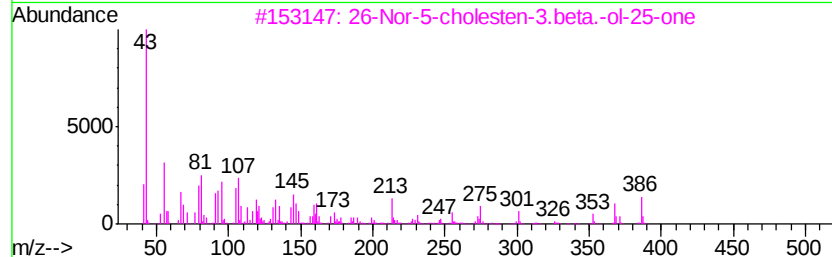
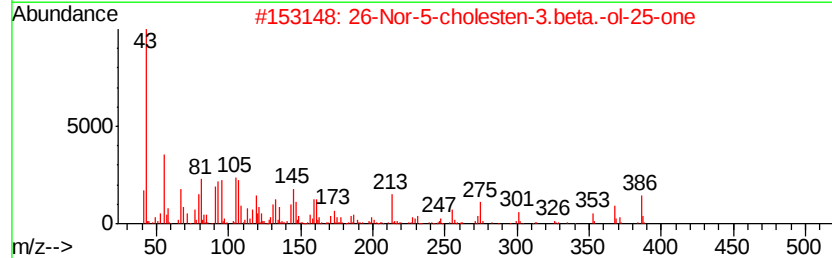
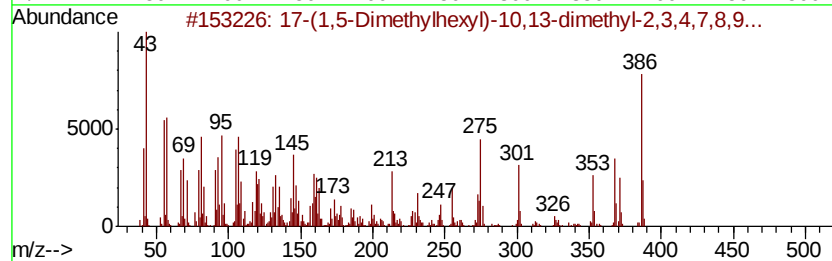
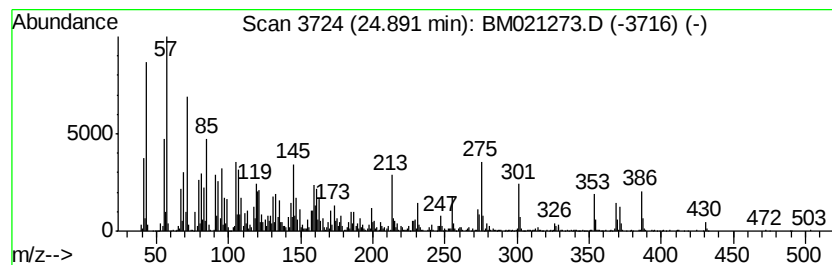
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	24.70 ng/ul	4308030	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	97
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	94
4		Cholesterol	386	C27H46O	000057-88-5	90
5		Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	66



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
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Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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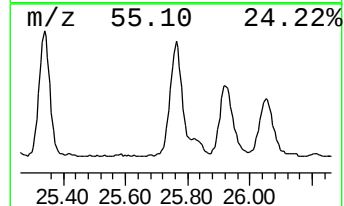
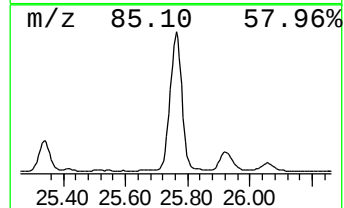
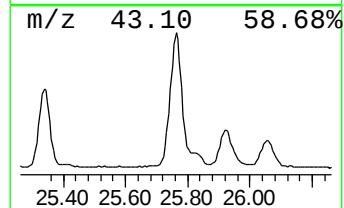
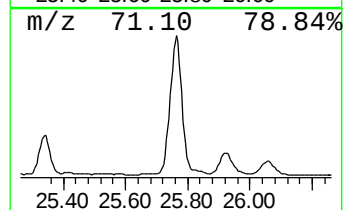
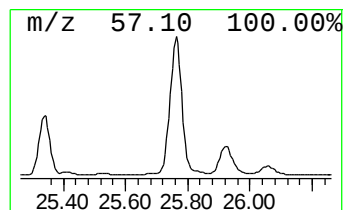
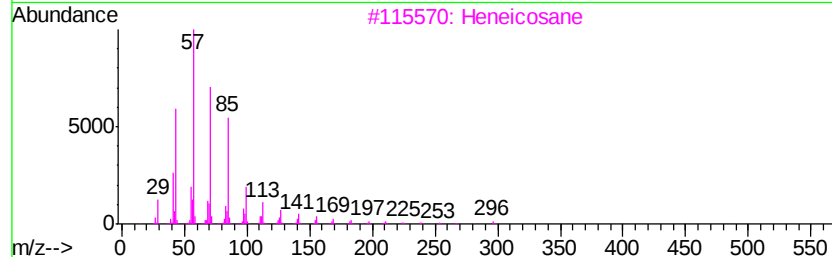
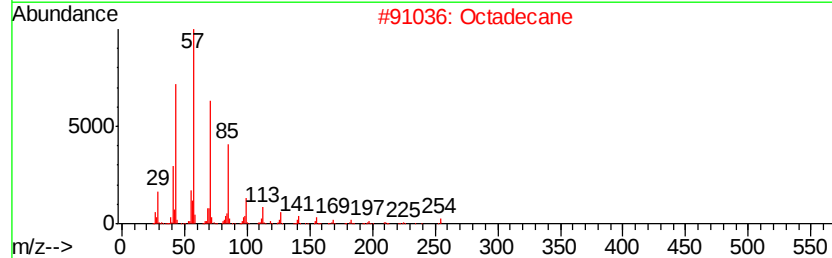
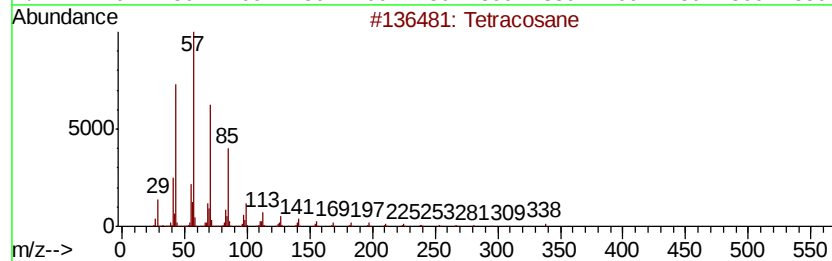
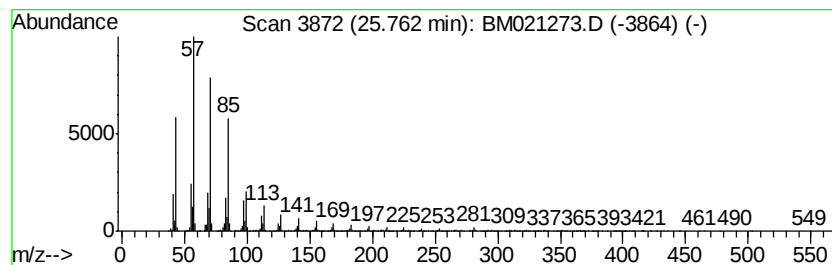
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	48.81 ng/ul	8512160	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Octadecane	254	C18H38	000593-45-3	96
3		Heneicosane	296	C21H44	000629-94-7	94
4		Eicosane	282	C20H42	000112-95-8	92
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C7BB8

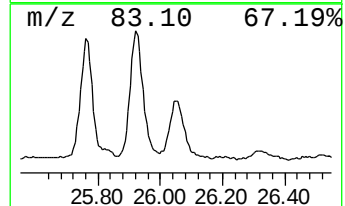
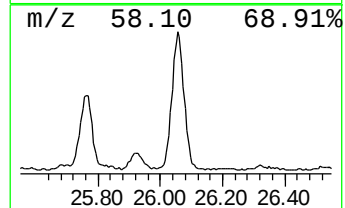
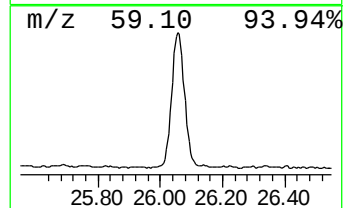
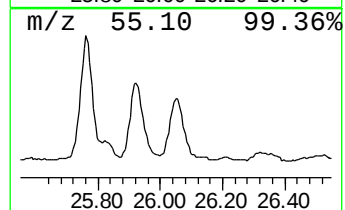
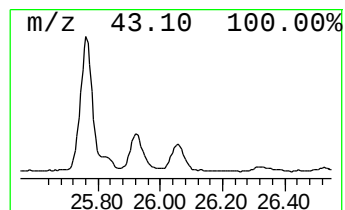
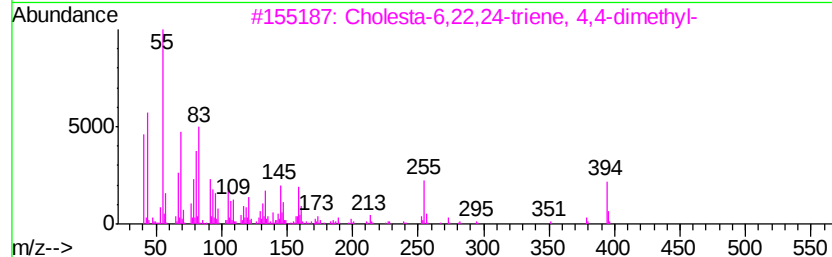
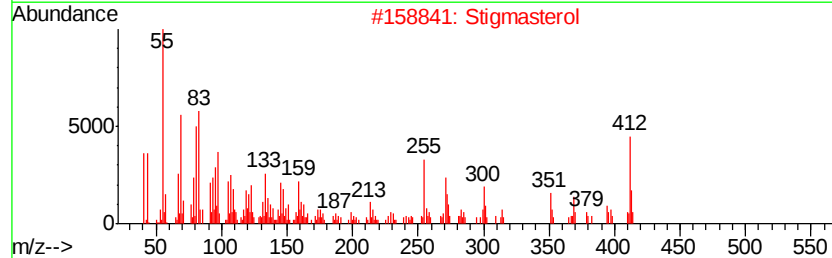
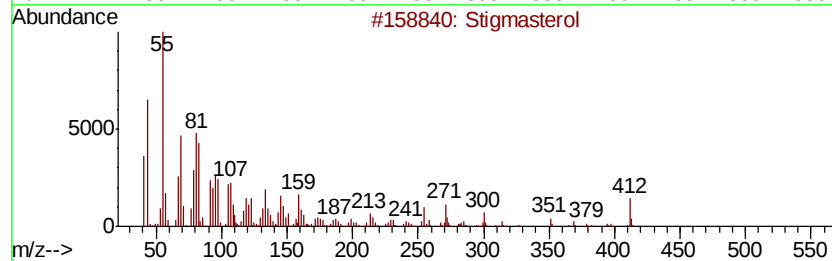
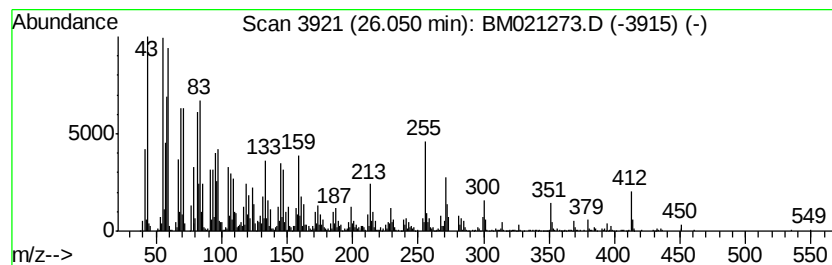
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Stigmasterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	24.40 ng/ul	4255720	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	94
2		Stigmasterol	412	C29H48O	000083-48-7	53
3		Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	47
4		Stigmasterol	412	C29H48O	000083-48-7	38
5		2-Methyl-5-(2,6,6-trimethyl-cycl...	240	C15H28O2	060714-01-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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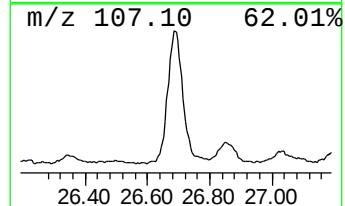
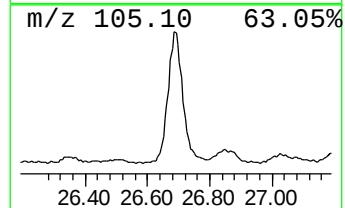
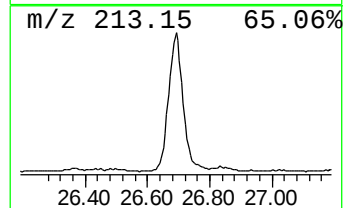
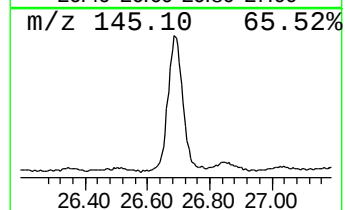
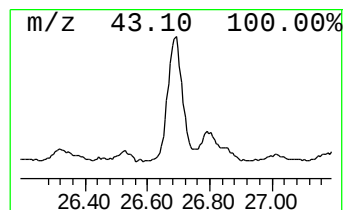
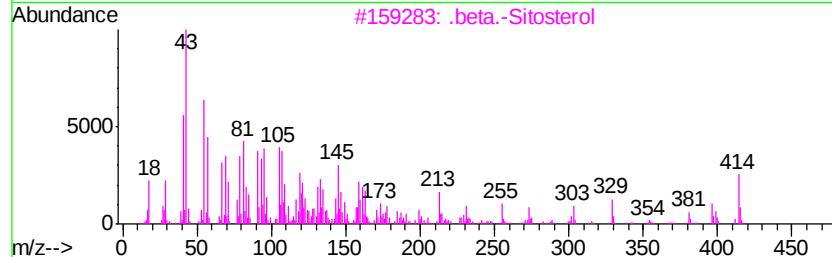
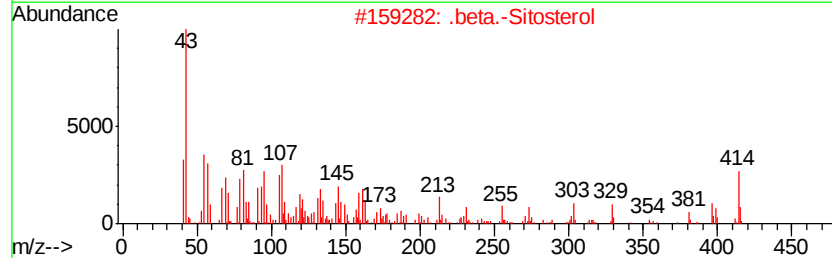
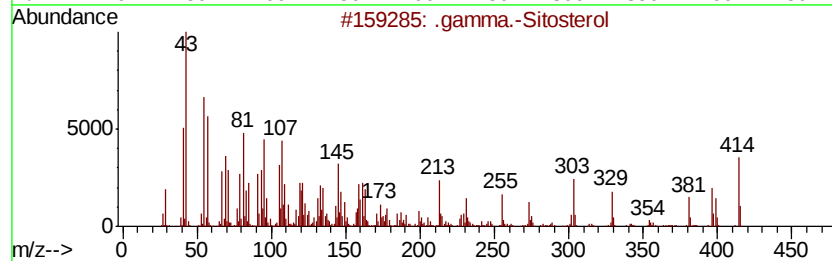
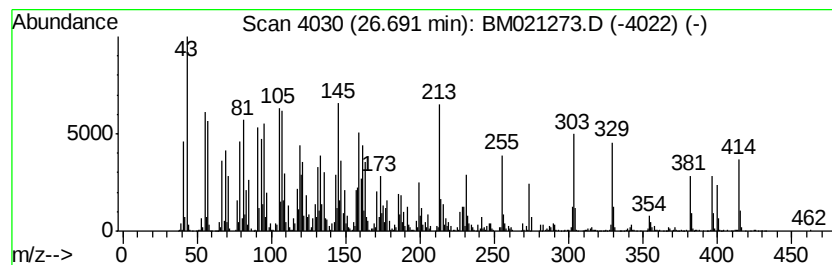
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	53.34 ng/ul	9302610	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	95
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	55
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	45
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 : BM021273.D
Acq On : 29 Jun 2019 21:53
Operator : HP/JU
Sample : K3593-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C7BB8

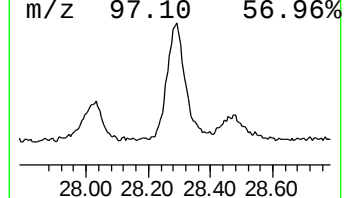
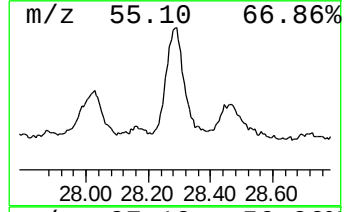
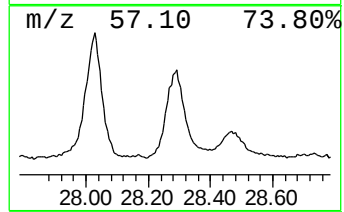
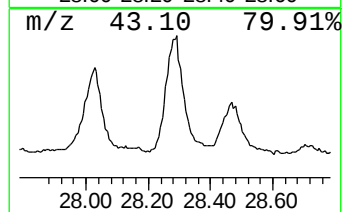
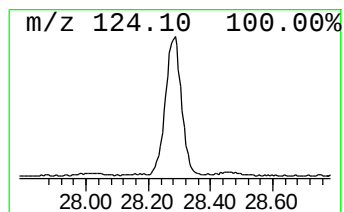
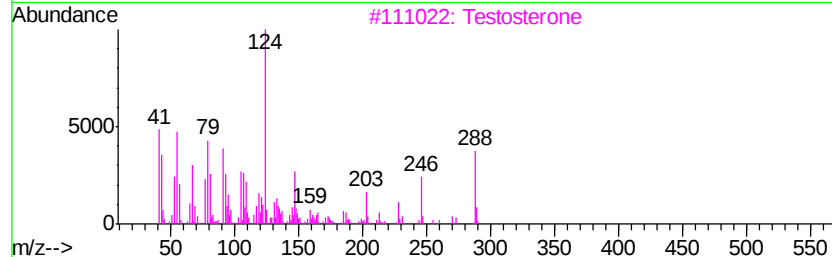
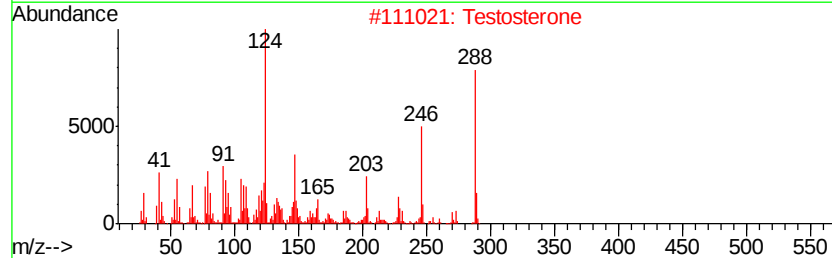
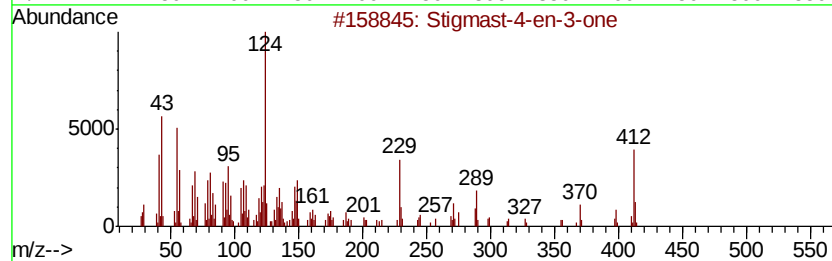
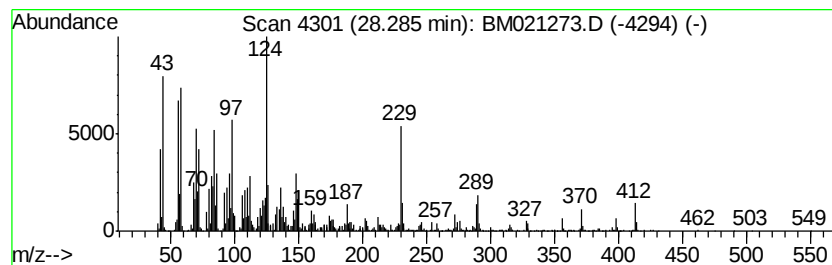
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Stigmast-4-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.29	28.73 ng/ul	5010880	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	99
2		Testosterone	288	C19H28O2	000058-22-0	42
3		Testosterone	288	C19H28O2	000058-22-0	42
4		2,6,8-Trimethylbicyclo[4.2.0]oct...	182	C11H18O2	1000187-22-4	38
5		Testosterone Cypionate	412	C27H40O3	000058-20-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021273.D
 Acq On : 29 Jun 2019 21:53
 Operator : HP/JU
 Sample : K3593-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C7BB8

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	45.2	ng/ul	3994460	1	7.76	1767230	20.0
Cyclotrisiloxane,...	4.40	6.1	ng/ul	537491	1	7.76	1767230	20.0
Cyclotetrasiloxan...	6.86	4.3	ng/ul	384697	1	7.76	1767230	20.0
Cyclopentasiloxan...	9.29	2.3	ng/ul	301624	2	10.55	2686050	20.0
Hexadecenoic acid...	17.93	4.6	ng/ul	925344	4	17.15	4022550	20.0
n-Hexadecanoic acid	18.05	23.5	ng/ul	4717940	4	17.15	4022550	20.0
(DEL) Alkane: Str...	18.96	2.1	ng/ul	427178	4	17.15	4022550	20.0
Phytol	19.06	6.0	ng/ul	1212480	4	17.15	4022550	20.0
Octadecanoic acid	19.32	3.9	ng/ul	1127580	5	21.33	5846350	20.0
(DEL) Alkane: Str...	20.07	4.0	ng/ul	1179030	5	21.33	5846350	20.0
Ethanol, 2-(tetra...	21.04	11.9	ng/ul	3489470	5	21.33	5846350	20.0
(DEL) Alkane: Str...	21.48	2.9	ng/ul	843994	5	21.33	5846350	20.0
Octadecanal	21.66	2.2	ng/ul	655697	5	21.33	5846350	20.0
(DEL) Alkane: Str...	21.92	6.3	ng/ul	1847620	5	21.33	5846350	20.0
(DEL) Alkane: Cyc...	21.94	11.7	ng/ul	3408950	5	21.33	5846350	20.0
Oxirane, hexadecyl-	22.12	2.4	ng/ul	710445	5	21.33	5846350	20.0
(DEL) Alkane: Str...	22.38	4.3	ng/ul	1259280	5	21.33	5846350	20.0
Benzo[e]pyrene	23.41	5.0	ng/ul	862973	6	23.61	3487790	20.0
13-Docosen-1-ol, ...	23.79	50.9	ng/ul	8870860	6	23.61	3487790	20.0
(DEL) Alkane: Str...	24.13	57.4	ng/ul	10014600	6	23.61	3487790	20.0
(DEL) Alkane: Cyc...	24.22	43.7	ng/ul	7627200	6	23.61	3487790	20.0
17-(1,5-Dimethylh...	24.89	24.7	ng/ul	4308030	6	23.61	3487790	20.0
(DEL) Alkane: Str...	25.76	48.8	ng/ul	8512160	6	23.61	3487790	20.0
Stigmasterol	26.05	24.4	ng/ul	4255720	6	23.61	3487790	20.0
.gamma.-Sitosterol	26.69	53.3	ng/ul	9302610	6	23.61	3487790	20.0
Stigmast-4-en-3-one	28.29	28.7	ng/ul	5010880	6	23.61	3487790	20.0