

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
 Data File : BM020814.D
 Acq On : 08 Jun 2019 12:36
 Operator : HP/JU
 Sample : K3006-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFHC0

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-BM060619MA.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	3.046	6	10	23	rVB	2625516	3251355	37.90%	3.586%
2	3.304	51	54	62	rVB	94445	127991	1.49%	0.141%
3	3.581	98	101	111	rBV2	28926	57357	0.67%	0.063%
4	3.934	158	161	166	rVB3	18530	28978	0.34%	0.032%
5	4.034	175	178	184	rVB2	26835	34550	0.40%	0.038%
6	4.934	327	331	337	rBV2	22304	34118	0.40%	0.038%
7	5.904	492	496	504	rBV	31424	56202	0.66%	0.062%
8	6.463	586	591	598	rVB5	13588	23259	0.27%	0.026%
9	6.975	671	678	690	rBV	1515595	2460387	28.68%	2.714%
10	7.151	697	708	717	rBV	1181004	1930797	22.51%	2.130%
11	7.339	733	740	751	rBV	1647803	2629588	30.65%	2.900%
12	7.810	813	820	827	rBV	924162	1478051	17.23%	1.630%
13	7.869	827	830	836	rVB	22720	35453	0.41%	0.039%
14	8.510	932	939	951	rBV	1919555	3064227	35.72%	3.380%
15	8.969	1010	1017	1026	rBV	1486071	2423556	28.25%	2.673%
16	9.057	1030	1032	1039	rVV5	6597	10374	0.12%	0.011%
17	9.133	1039	1045	1048	rVV5	6260	8787	0.10%	0.010%
18	9.357	1078	1083	1088	rVB	28998	43501	0.51%	0.048%
19	9.686	1132	1139	1154	rBV	1190267	1955510	22.80%	2.157%
20	10.222	1222	1230	1241	rBV	1913038	3256704	37.96%	3.592%
21	10.392	1254	1259	1261	rBV4	6699	8830	0.10%	0.010%
22	10.598	1285	1294	1302	rBV	1224023	2066561	24.09%	2.279%
23	10.739	1307	1318	1328	rBV	1839664	3132179	36.51%	3.455%
24	10.804	1328	1329	1336	rVB6	8883	12362	0.14%	0.014%
25	11.204	1392	1397	1403	rVB4	5556	10471	0.12%	0.012%
26	11.345	1417	1421	1425	rBV4	9162	13071	0.15%	0.014%
27	11.639	1463	1471	1478	rBV2	34098	66542	0.78%	0.073%
28	11.851	1501	1507	1511	rVB4	7609	14699	0.17%	0.016%
29	12.022	1532	1536	1541	rBV4	5768	9634	0.11%	0.011%
30	12.192	1560	1565	1572	rVB	32507	51962	0.61%	0.057%
31	12.792	1664	1667	1674	rVB4	7266	13887	0.16%	0.015%
32	13.051	1707	1711	1717	rBV2	10373	14489	0.17%	0.016%
33	13.180	1728	1733	1736	rBV4	9869	14410	0.17%	0.016%
34	13.333	1754	1759	1766	rBV3	8255	14655	0.17%	0.016%

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 Title : SVOA CALIBRATION

35	13.857	1842	1848	1853	rBV	3090281	4441699	51.78%	4.899%
36	13.904	1853	1856	1864	rVB	1482706	1982033	23.10%	2.186%
37	14.139	1889	1896	1909	rVB	3795769	5678074	66.19%	6.263%
38	14.339	1927	1930	1934	rVB4	7060	8757	0.10%	0.010%
39	14.451	1942	1949	1959	rVB2	1727281	2666324	31.08%	2.941%
40	14.645	1973	1982	1995	rBV	1059829	1601183	18.66%	1.766%
41	14.862	2014	2019	2025	rVB8	9407	17090	0.20%	0.019%
42	15.245	2077	2084	2087	rBV	20119	28057	0.33%	0.031%
43	15.292	2087	2092	2098	rVB4	9566	17220	0.20%	0.019%
44	15.445	2110	2118	2128	rBV	4729901	6730977	78.46%	7.424%
45	15.562	2131	2138	2147	rBV	706415	960858	11.20%	1.060%
46	15.680	2153	2158	2164	rVB	55202	82975	0.97%	0.092%
47	15.998	2206	2212	2213	rBV5	5729	8702	0.10%	0.010%
48	16.115	2227	2232	2235	rBV6	6797	11264	0.13%	0.012%
49	16.151	2235	2238	2242	rVV3	7358	11438	0.13%	0.013%
50	16.227	2246	2251	2255	rVB5	17103	26809	0.31%	0.030%
51	16.404	2275	2281	2285	rBV8	6279	13156	0.15%	0.015%
52	16.592	2309	2313	2318	rVB5	10853	13348	0.16%	0.015%
53	16.874	2357	2361	2363	rBV5	9571	9546	0.11%	0.011%
54	16.951	2370	2374	2376	rBV2	8543	10677	0.12%	0.012%
55	16.980	2376	2379	2386	rVB3	12275	23184	0.27%	0.026%
56	17.092	2395	2398	2400	rBV3	9362	8801	0.10%	0.010%
57	17.192	2409	2415	2422	rBV2	2200377	3075619	35.85%	3.392%
58	17.292	2425	2432	2440	rBV	5140721	7048508	82.16%	7.774%
59	17.439	2451	2457	2463	rBV5	26620	50791	0.59%	0.056%
60	17.574	2474	2480	2482	rBV3	8813	13865	0.16%	0.015%
61	17.686	2496	2499	2502	rBV2	12049	14007	0.16%	0.015%
62	17.951	2540	2544	2550	rBV6	14728	26584	0.31%	0.029%
63	18.080	2561	2566	2582	rBV	502840	809426	9.44%	0.893%
64	18.380	2614	2617	2620	rBV2	20721	25168	0.29%	0.028%
65	18.415	2621	2623	2631	rVB7	11923	22172	0.26%	0.024%
66	18.945	2711	2713	2718	rBV5	7479	11815	0.14%	0.013%
67	19.009	2721	2724	2730	rVV3	31857	46580	0.54%	0.051%
68	19.215	2755	2759	2767	rBV	72413	128194	1.49%	0.141%
69	19.362	2779	2784	2791	rBV	157269	245590	2.86%	0.271%
70	19.474	2798	2803	2807	rBV	50207	71650	0.84%	0.079%
71	19.586	2815	2822	2828	rBV	5919885	7846149	91.46%	8.654%

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72	20.121	2911	2913	2918	rVB3	27707	29025	0.34%	0.032%
73	20.615	2995	2997	3001	rVB2	42771	43814	0.51%	0.048%
74	21.080	3072	3076	3087	rBV	676291	949556	11.07%	1.047%
75	21.368	3120	3125	3134	rBV	2561335	3324313	38.75%	3.667%
76	21.521	3147	3151	3154	rBV	136425	154615	1.80%	0.171%
77	21.962	3222	3226	3234	rBV	208127	317035	3.70%	0.350%
78	22.433	3302	3306	3312	rVB	290402	365239	4.26%	0.403%
79	22.562	3324	3328	3335	rVB	318330	441572	5.15%	0.487%
80	22.950	3390	3394	3399	rVB	322999	433010	5.05%	0.478%
81	23.509	3482	3489	3499	rVB2	4323504	8578540	100.00%	9.462%
82	23.656	3507	3514	3527	rVB	1839327	3490505	40.69%	3.850%
83	24.191	3602	3605	3614	rVB	237294	396480	4.62%	0.437%

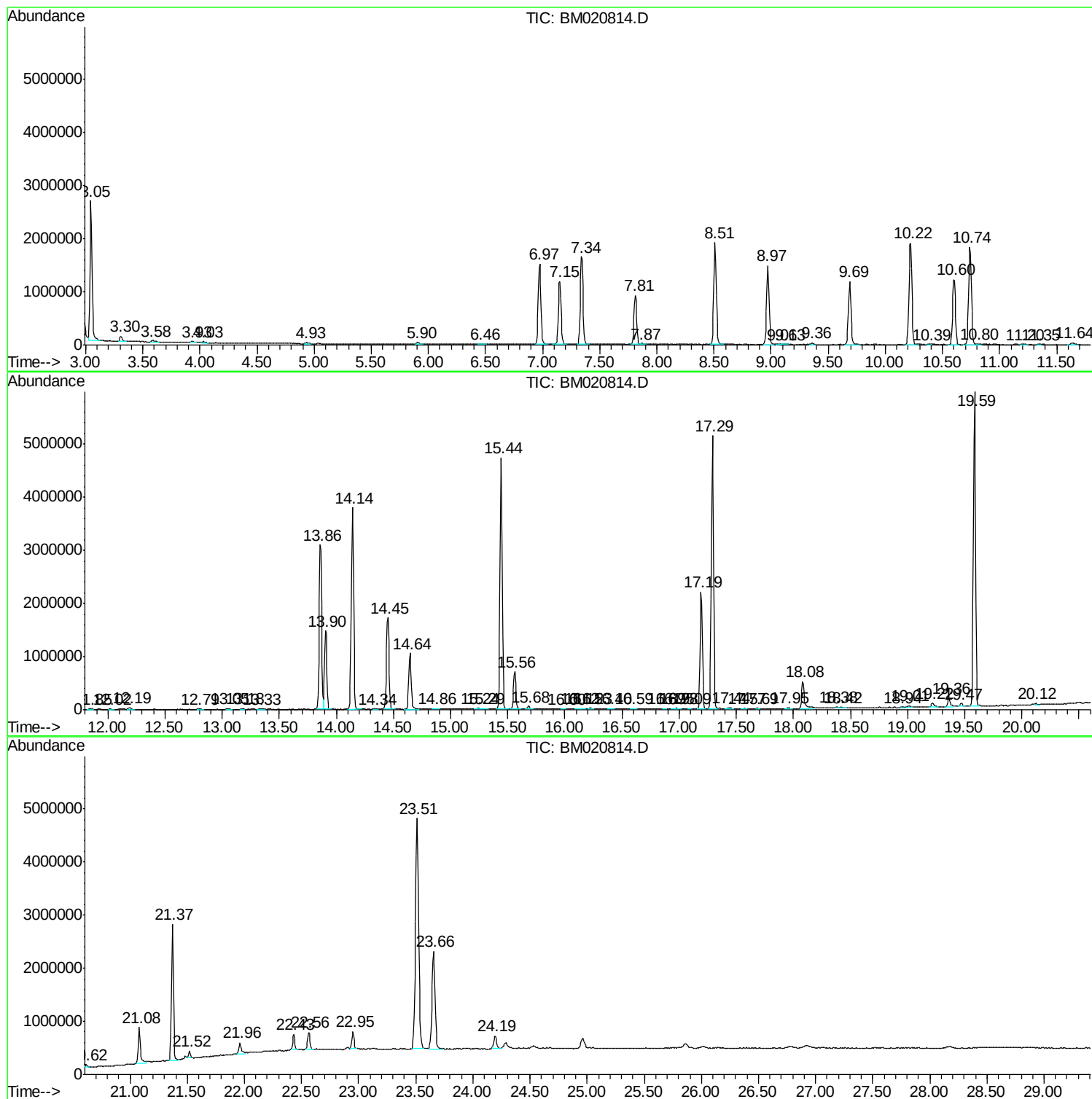
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
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Operator : HP/JU
Sample : K3006-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFHC0

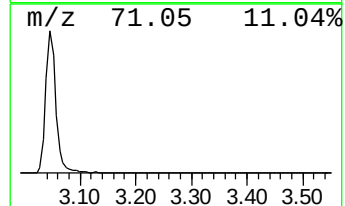
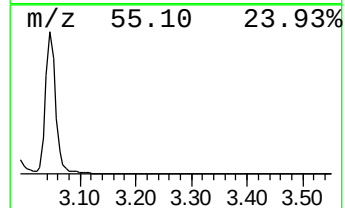
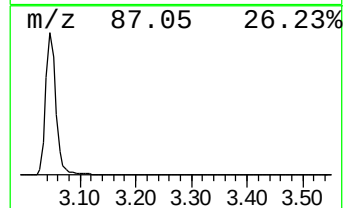
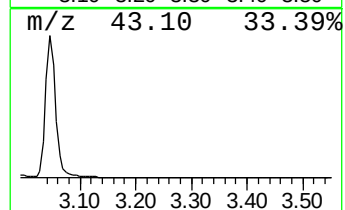
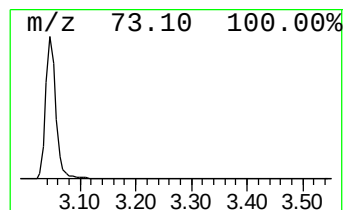
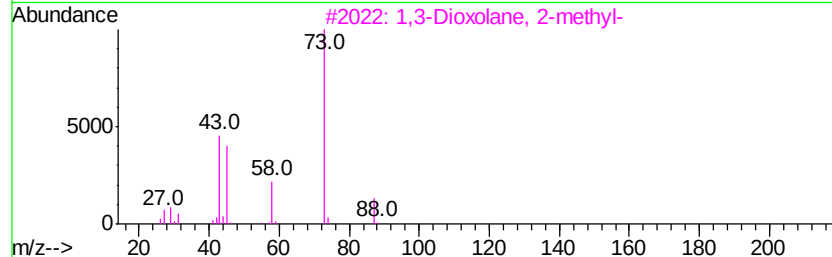
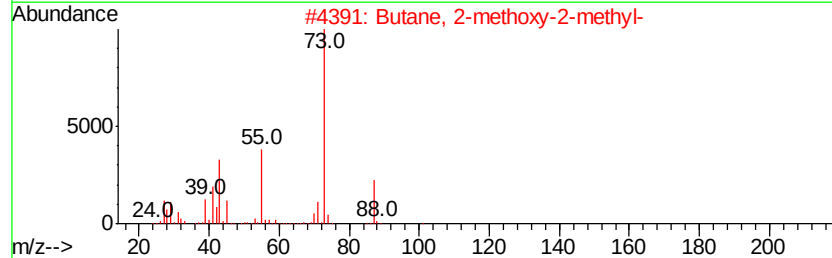
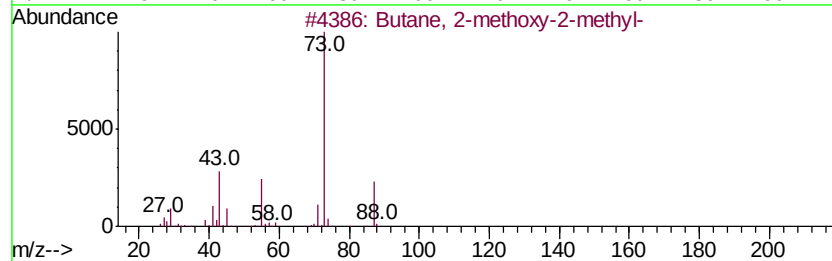
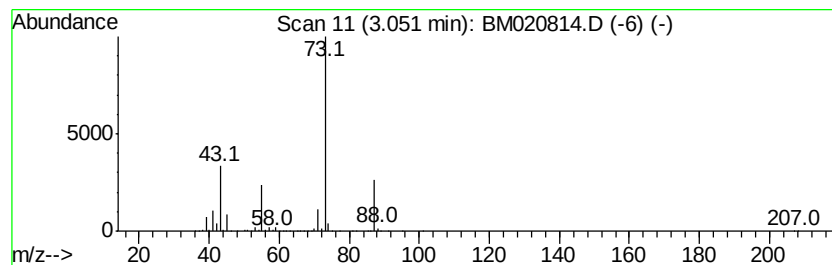
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	44.00 ng/ul	3251360	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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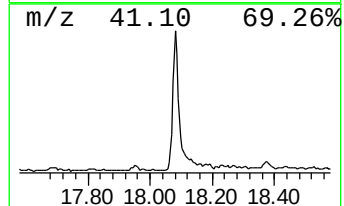
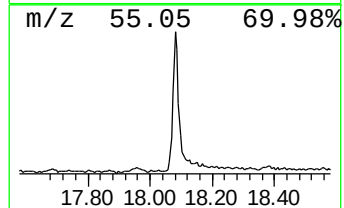
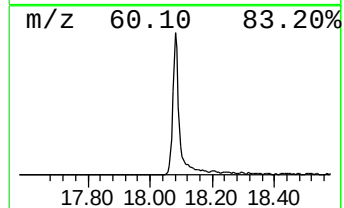
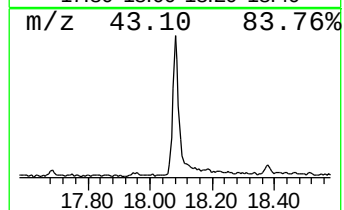
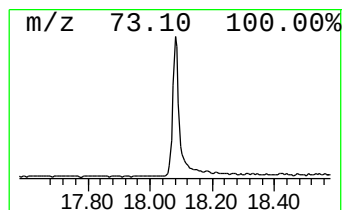
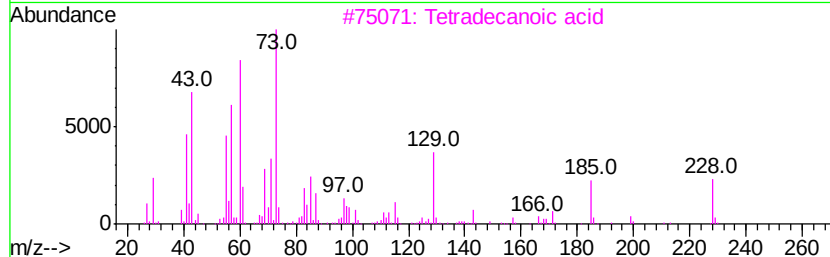
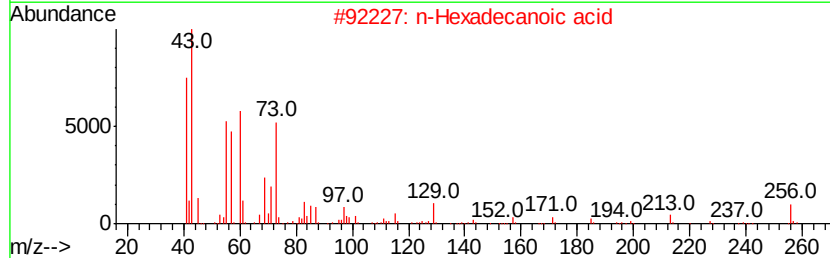
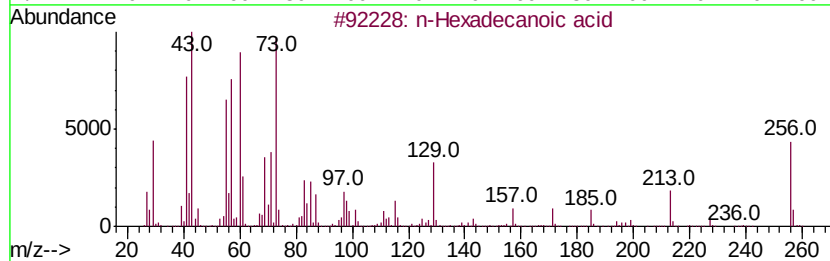
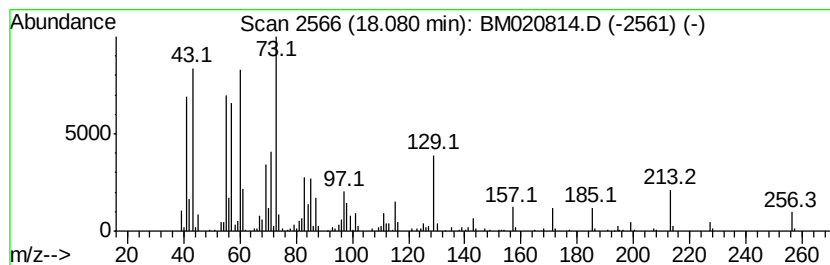
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.08	5.26 ng/ul	809426	Phenanthrene-d10	17.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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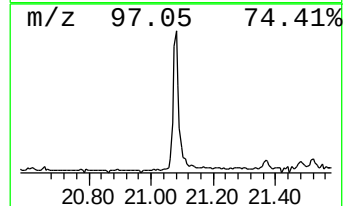
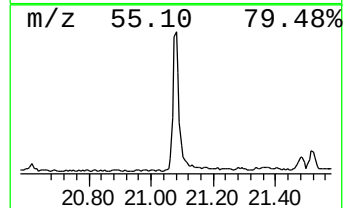
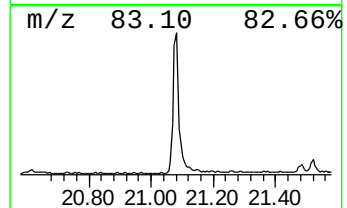
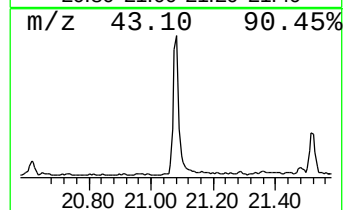
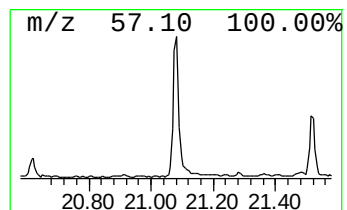
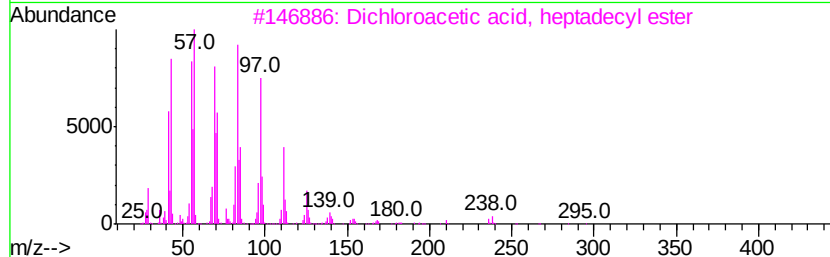
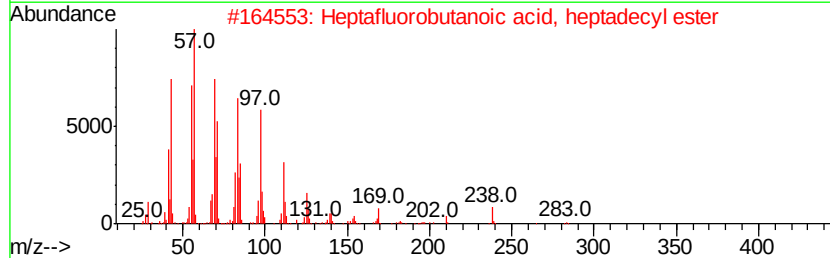
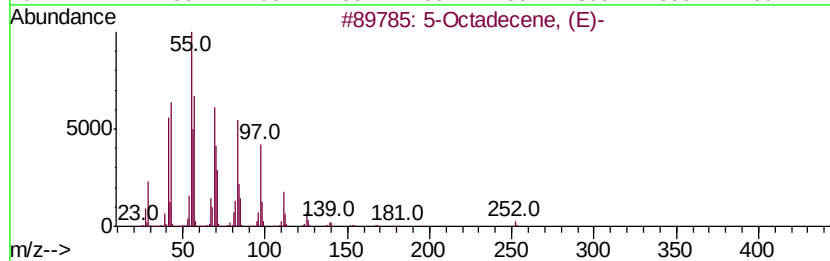
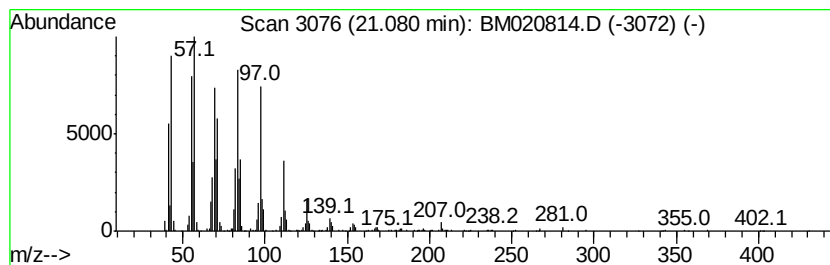
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.08	5.71 ng/ul	949556	Chrysene-d12	21.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-		252	C18H36	007206-21-5	94
2	Heptafluorobutanoic acid, heptadecyl ...		452	C21H35F7O2	1000282-97-3	94
3	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	94
4	Trifluoroacetic acid, n-octadecyl ...		366	C20H37F3O2	079392-43-1	91
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91



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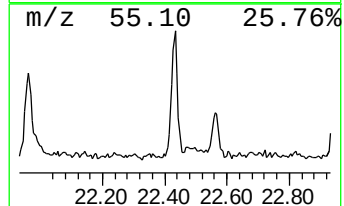
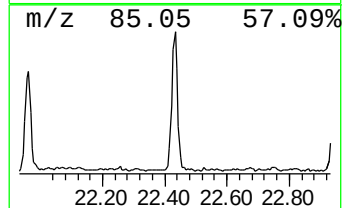
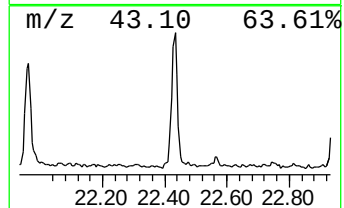
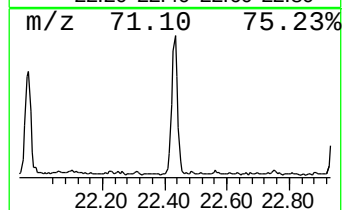
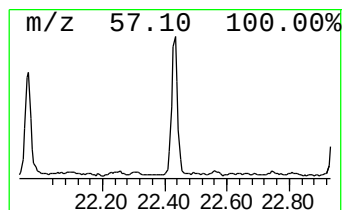
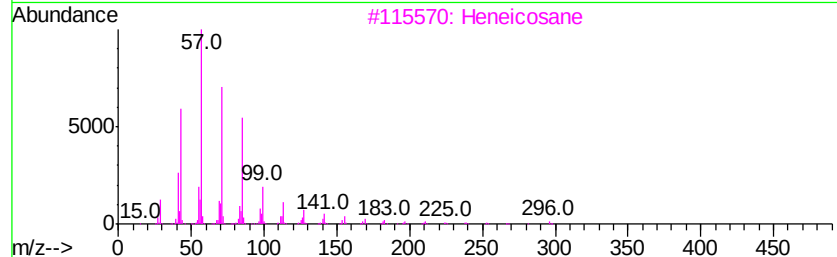
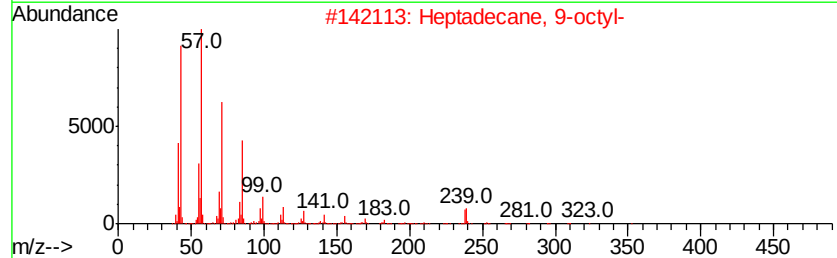
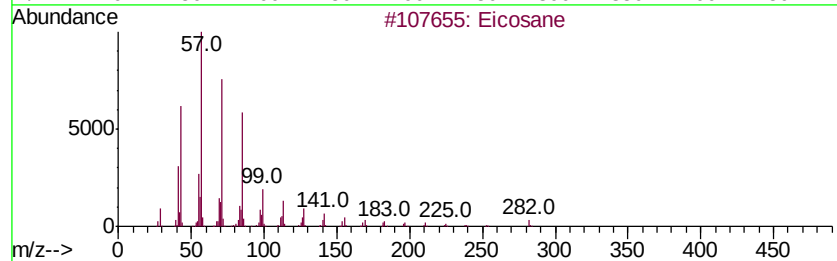
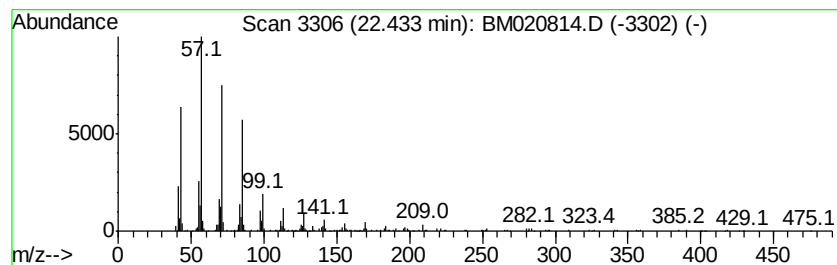
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.20 ng/ul	365239	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020814.D
Acq On : 08 Jun 2019 12:36
Operator : HP/JU
Sample : K3006-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

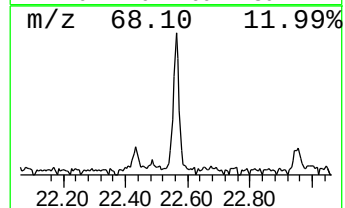
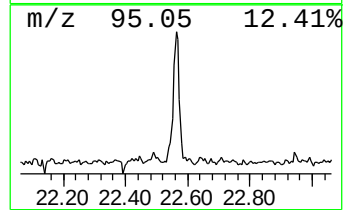
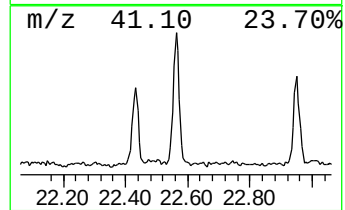
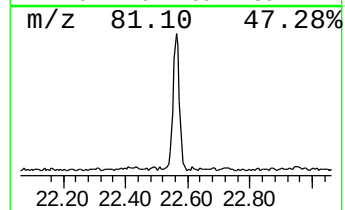
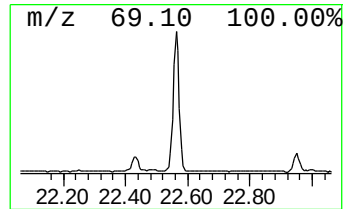
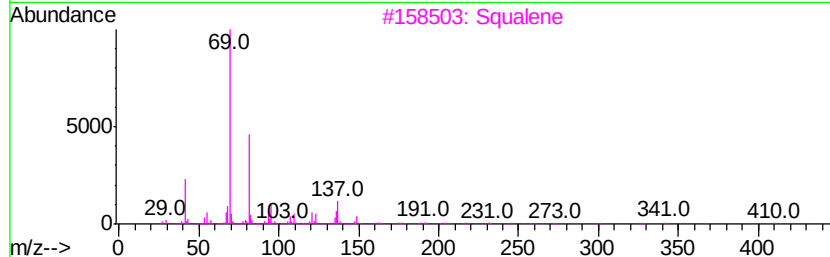
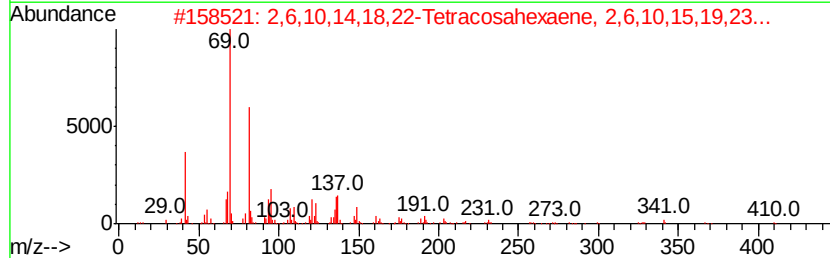
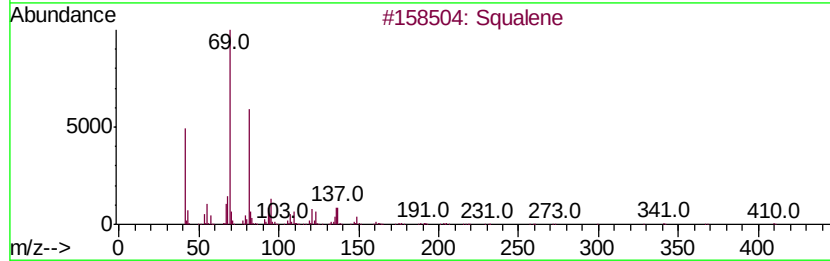
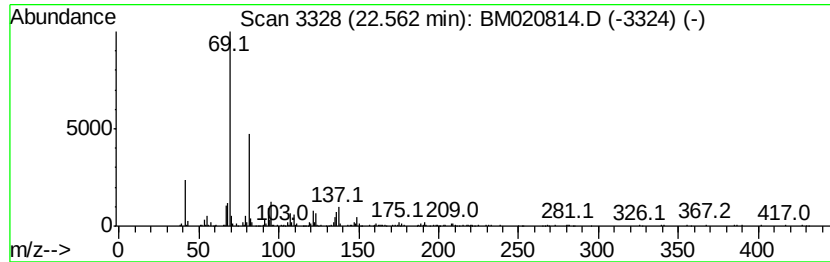
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.53 ng/ul	441572	Perylene-d12	23.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 90
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 86
3	Squalene		410 C30H50	007683-64-9 74
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 72
5	4,8,12-Tetradecatrienal, 5,9,13-...		248 C17H28O	066408-55-7 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020814.D
Acq On : 08 Jun 2019 12:36
Operator : HP/JU
Sample : K3006-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFHC0

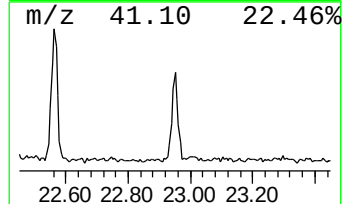
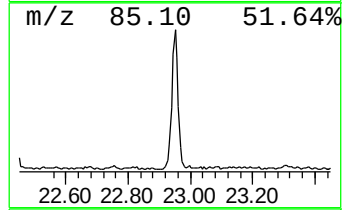
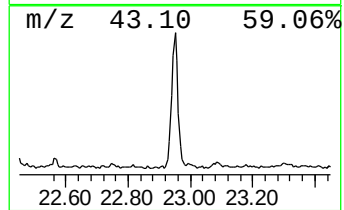
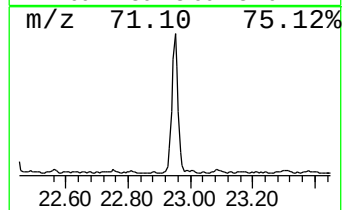
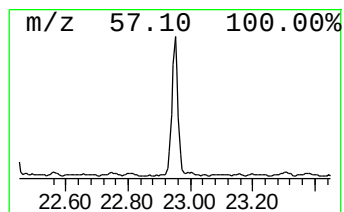
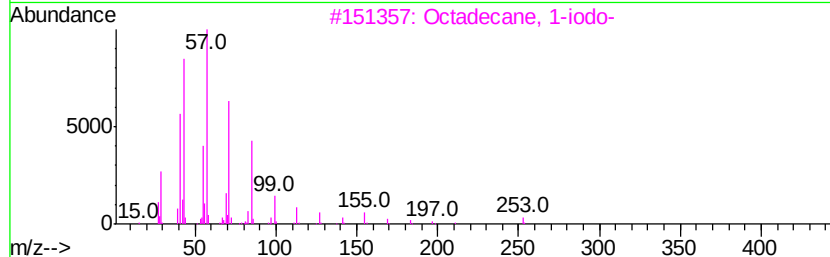
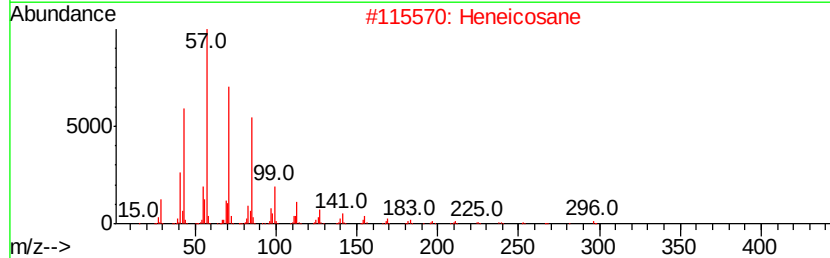
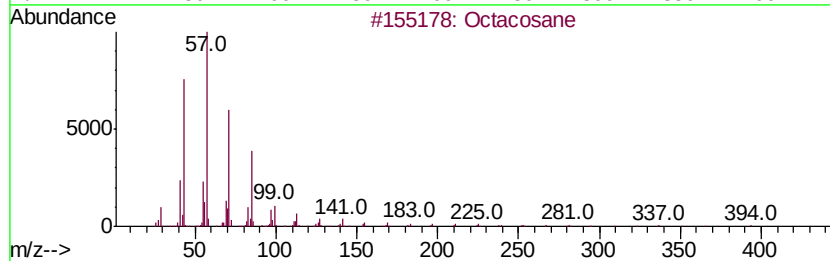
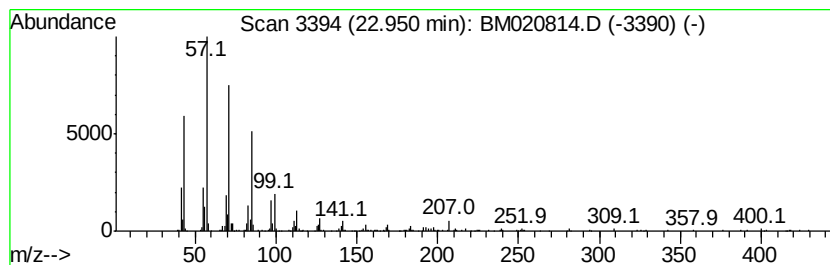
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.48 ng/ul	433010	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020814.D
Acq On : 08 Jun 2019 12:36
Operator : HP/JU
Sample : K3006-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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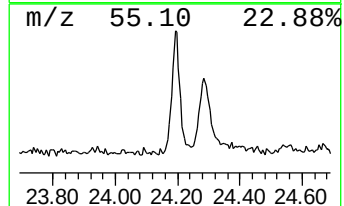
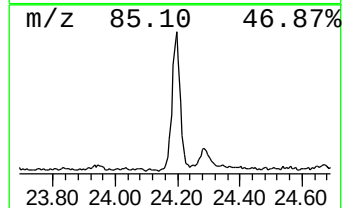
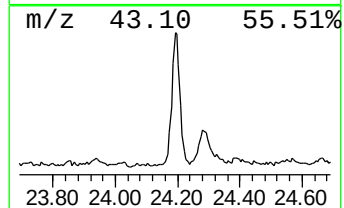
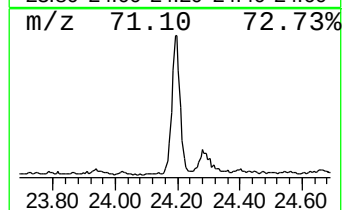
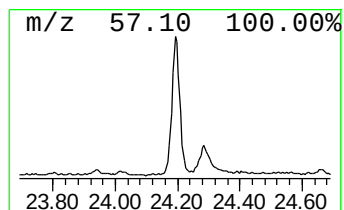
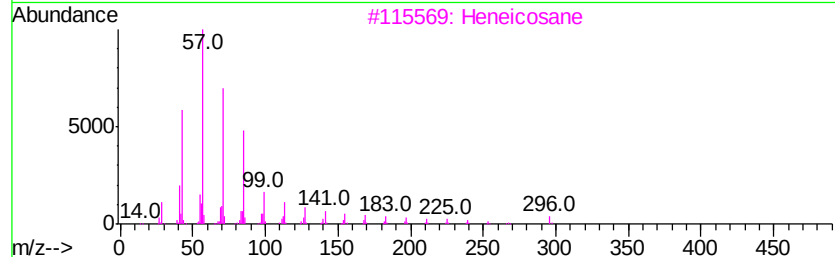
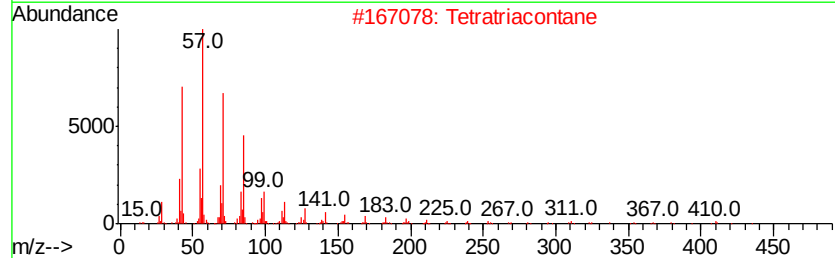
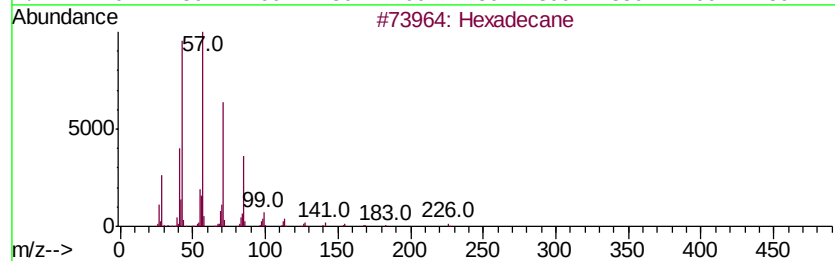
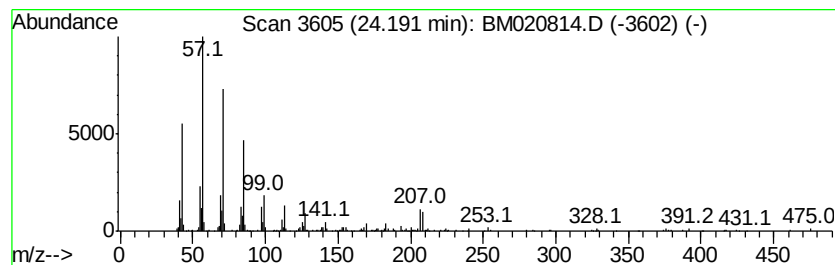
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.27 ng/ul	396480	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Tetratriacontane	479	C34H70	014167-59-0	81
3		Heneicosane	296	C21H44	000629-94-7	81
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\
Data File : BM020814.D
Acq On : 08 Jun 2019 12:36
Operator : HP/JU
Sample : K3006-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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...	3.05	44.0	ng/ul	3251360	1	7.81	1478050	20.0
n-Hexadecanoic acid	18.08	5.3	ng/ul	809426	4	17.19	3075620	20.0
(DEL) Alkane: Cyc...	21.08	5.7	ng/ul	949556	5	21.37	3324310	20.0
(DEL) Alkane: Str...	22.43	2.2	ng/ul	365239	5	21.37	3324310	20.0
Squalene	22.56	2.5	ng/ul	441572	6	23.66	3490510	20.0
(DEL) Alkane: Str...	22.95	2.5	ng/ul	433010	6	23.66	3490510	20.0
(DEL) Alkane: Str...	24.19	2.3	ng/ul	396480	6	23.66	3490510	20.0