

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026908.D
 Acq On : 29 Jul 2020 02:19
 Operator : JU/CG
 Sample : L3443-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

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-BM072720MA.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	2.907	24	29	37	rBV	189507	299300	14.68%	1.466%
2	2.978	37	41	58	rVB	801788	972986	47.72%	4.764%
3	3.219	79	82	87	rVB	16844	21484	1.05%	0.105%
4	3.854	186	190	194	rVB2	5688	7919	0.39%	0.039%
5	3.943	199	205	209	rBV5	6164	9452	0.46%	0.046%
6	4.154	237	241	244	rBV5	1846	2376	0.12%	0.012%
7	4.554	306	309	313	rBV4	1884	2599	0.13%	0.013%
8	4.837	353	357	361	rBV5	2122	3146	0.15%	0.015%
9	6.842	692	698	706	rBV	78828	120742	5.92%	0.591%
10	7.007	719	726	739	rVB	254101	386138	18.94%	1.891%
11	7.207	753	760	767	rBV	288248	451209	22.13%	2.209%
12	7.301	772	776	783	rVB4	2290	3932	0.19%	0.019%
13	7.672	832	839	846	rVB	270831	424024	20.80%	2.076%
14	8.366	950	957	966	rBV	195208	303840	14.90%	1.488%
15	8.807	1025	1032	1040	rBV	337576	545358	26.75%	2.670%
16	9.530	1147	1155	1167	rVB	243670	384278	18.85%	1.882%
17	10.066	1239	1246	1253	rBV	410855	640235	31.40%	3.135%
18	10.442	1303	1310	1317	rBV	341080	556043	27.27%	2.723%
19	10.572	1325	1332	1339	rBV	22627	36481	1.79%	0.179%
20	12.036	1572	1581	1586	rBV3	5182	8901	0.44%	0.044%
21	13.148	1766	1770	1776	rVB3	4848	7509	0.37%	0.037%
22	13.718	1860	1867	1871	rBV	744768	1032076	50.62%	5.054%
23	13.760	1871	1874	1880	rVB	82825	107806	5.29%	0.528%
24	13.989	1905	1913	1920	rBV	799632	1161606	56.97%	5.688%
25	14.236	1952	1955	1960	rBV2	2964	3740	0.18%	0.018%
26	14.301	1960	1966	1973	rVB	518282	750641	36.82%	3.676%
27	14.489	1992	1998	2006	rBV	79259	116567	5.72%	0.571%
28	14.742	2035	2041	2046	rVB5	2826	4457	0.22%	0.022%
29	15.136	2104	2108	2112	rBV5	2729	3801	0.19%	0.019%
30	15.195	2112	2118	2121	rVB5	4468	6417	0.31%	0.031%
31	15.301	2129	2136	2146	rBV	1033375	1483665	72.77%	7.265%
32	15.407	2149	2154	2164	rBV	294547	397687	19.51%	1.947%
33	15.536	2171	2176	2181	rVB3	8459	12347	0.61%	0.060%
34	15.595	2181	2186	2187	rBV3	2535	3091	0.15%	0.015%

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35	15.995	2251	2254	2258	rBV6	2446	3397	0.17%	0.017%
36	16.054	2261	2264	2266	rBV2	4093	4673	0.23%	0.023%
37	16.089	2266	2270	2277	rVB5	8333	13257	0.65%	0.065%
38	16.212	2287	2291	2294	rBV4	3688	4684	0.23%	0.023%
39	16.289	2298	2304	2305	rBV3	1389	2506	0.12%	0.012%
40	16.324	2305	2310	2313	rVV3	8244	10193	0.50%	0.050%
41	16.401	2320	2323	2328	rVB7	1886	3033	0.15%	0.015%
42	16.471	2331	2335	2338	rBV3	4107	6011	0.29%	0.029%
43	16.548	2344	2348	2349	rBV3	2320	2737	0.13%	0.013%
44	16.818	2391	2394	2395	rVV3	5191	5487	0.27%	0.027%
45	16.848	2398	2399	2404	rVV5	6544	4921	0.24%	0.024%
46	16.906	2404	2409	2413	rVV6	9012	13844	0.68%	0.068%
47	17.042	2427	2432	2438	rBV	628109	906823	44.48%	4.440%
48	17.083	2438	2439	2442	rVV3	2180	2263	0.11%	0.011%
49	17.142	2443	2449	2457	rVV	1123844	1509608	74.04%	7.392%
50	17.224	2460	2463	2465	rBV3	2465	2946	0.14%	0.014%
51	17.395	2488	2492	2493	rBV4	3341	3760	0.18%	0.018%
52	17.453	2497	2502	2506	rBV8	7099	13426	0.66%	0.066%
53	17.512	2506	2512	2514	rBV6	6908	10584	0.52%	0.052%
54	17.577	2521	2523	2527	rVB5	5649	7717	0.38%	0.038%
55	17.736	2547	2550	2551	rBV2	3736	4573	0.22%	0.022%
56	17.853	2567	2570	2573	rBV4	6227	10509	0.52%	0.051%
57	17.965	2585	2589	2598	rBV	130898	193851	9.51%	0.949%
58	18.418	2663	2666	2670	rVB5	12705	17597	0.86%	0.086%
59	18.483	2674	2677	2683	rVB3	10262	16109	0.79%	0.079%
60	18.577	2690	2693	2696	rVB4	10924	14770	0.72%	0.072%
61	18.748	2717	2722	2726	rBV	77961	101365	4.97%	0.496%
62	18.836	2733	2737	2743	rBV7	33666	50943	2.50%	0.249%
63	19.065	2771	2776	2780	rBV3	33710	64575	3.17%	0.316%
64	19.148	2788	2790	2793	rVB4	17401	15658	0.77%	0.077%
65	19.253	2804	2808	2816	rBV2	83271	121941	5.98%	0.597%
66	19.330	2817	2821	2825	rVB2	17607	27939	1.37%	0.137%
67	19.442	2834	2840	2848	rBV	1544096	2038852	100.00%	9.983%
68	20.612	3035	3039	3043	rBV	94001	126726	6.22%	0.621%
69	20.977	3097	3101	3110	rBV	189815	239410	11.74%	1.172%
70	21.236	3139	3145	3151	rBV	951713	1194277	58.58%	5.848%
71	22.830	3413	3416	3421	rVB5	34565	43877	2.15%	0.215%

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72	23.306	3490	3497	3507	rVB	1088423	1957304	96.00%	9.584%
73	23.400	3509	3513	3514	rBV4	38689	48179	2.36%	0.236%
74	23.447	3515	3521	3528	rVB2	677793	1196278	58.67%	5.858%
75	24.041	3618	3622	3629	rVB3	40462	71234	3.49%	0.349%
76	24.106	3630	3633	3641	rVB8	32557	62928	3.09%	0.308%

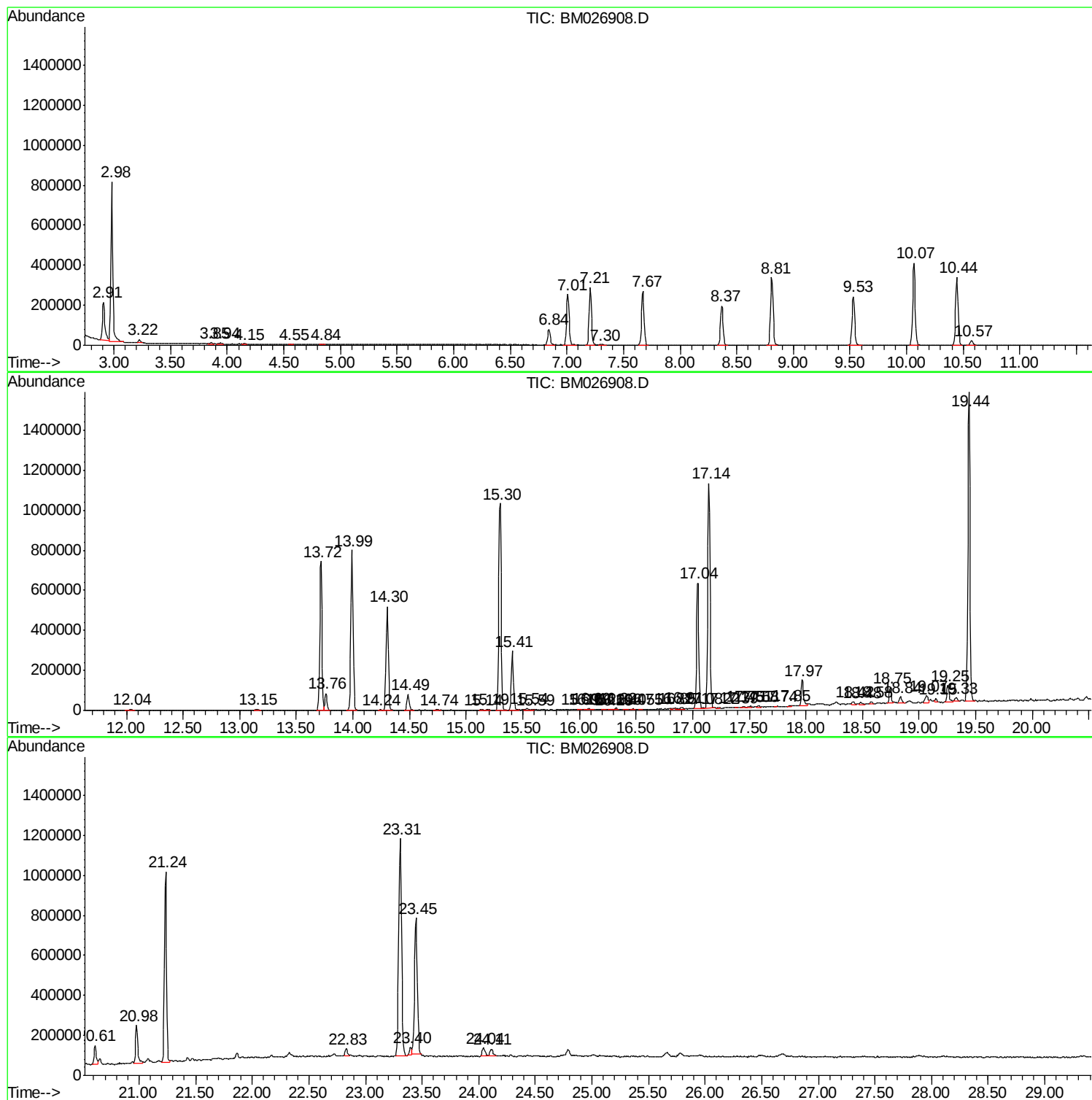
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
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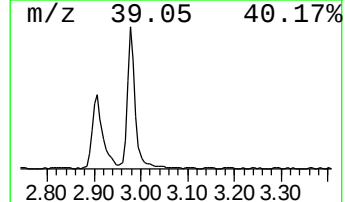
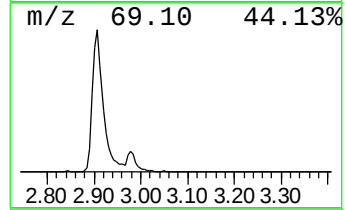
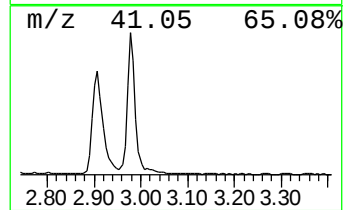
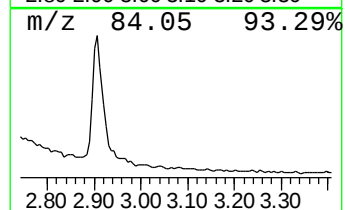
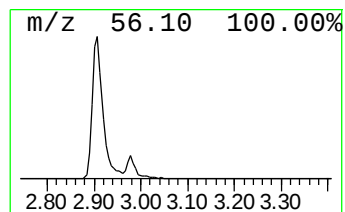
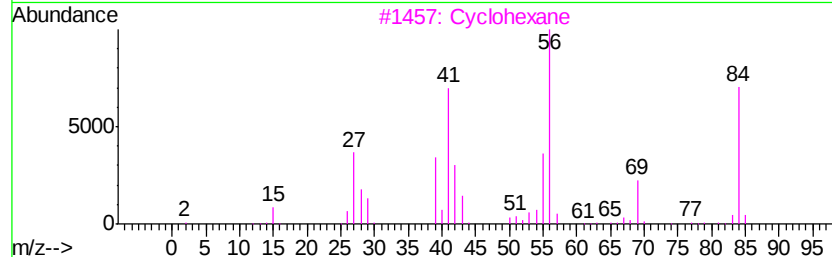
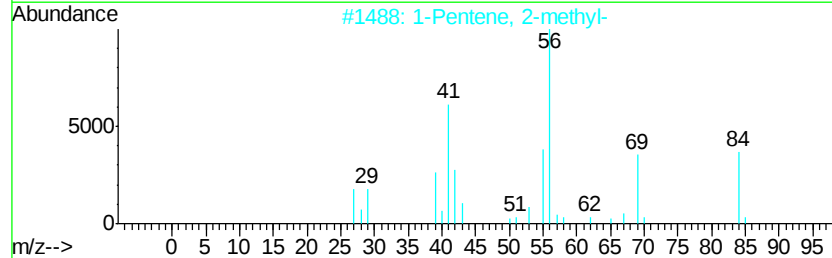
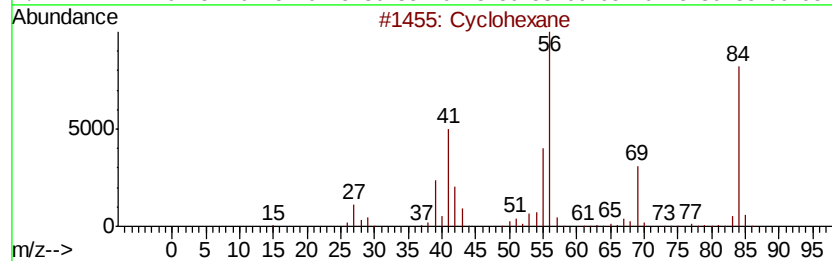
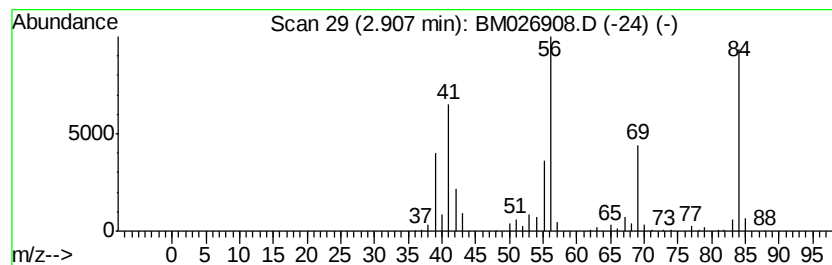
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	14.12 ng/ul	299300	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	81
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3		Cyclohexane	84	C6H12	000110-82-7	64
4		Cyclohexane	84	C6H12	000110-82-7	64
5		Cyclohexane	84	C6H12	000110-82-7	58



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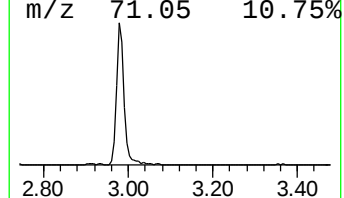
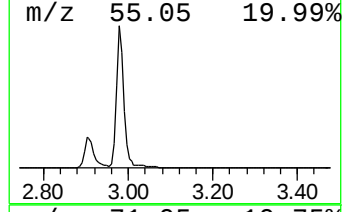
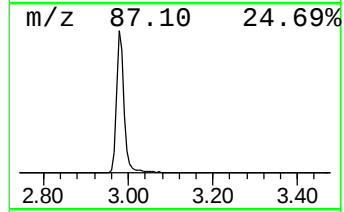
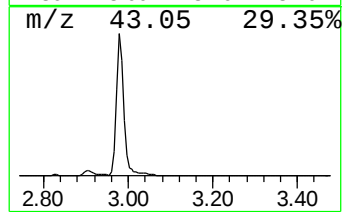
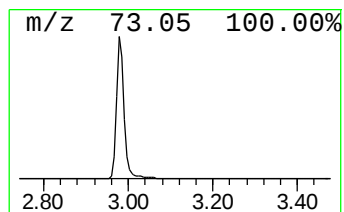
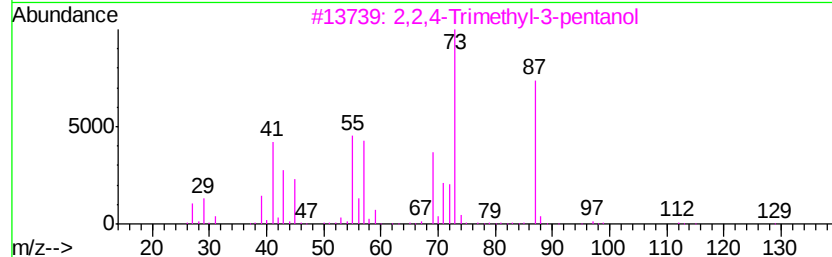
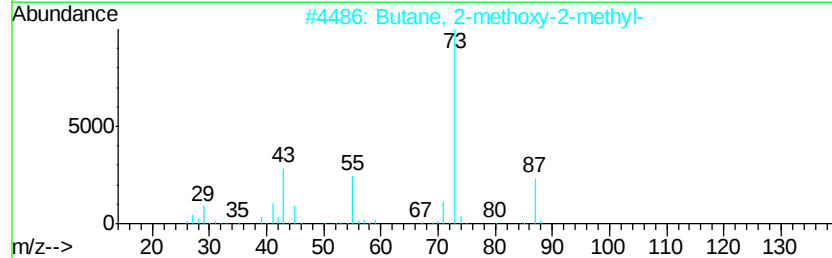
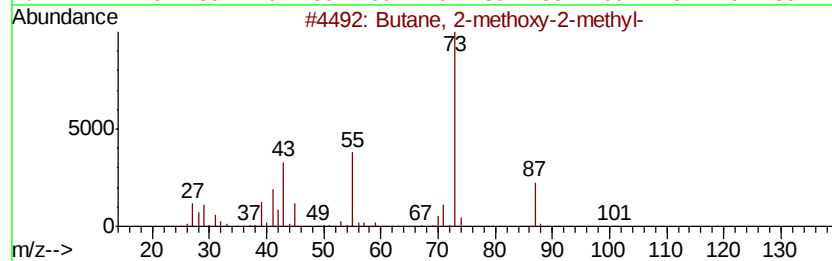
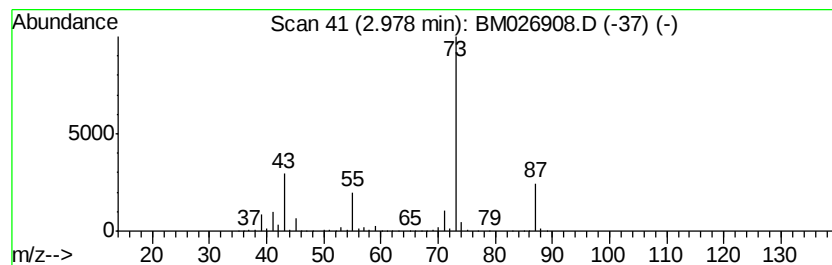
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	45.89 ng/ul	972986	1,4-Dichlorobenzene-d4	7.67

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	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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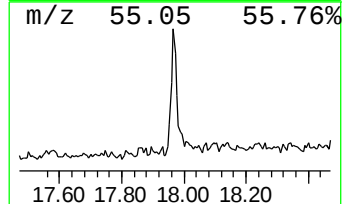
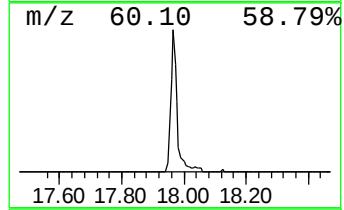
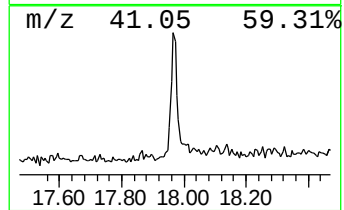
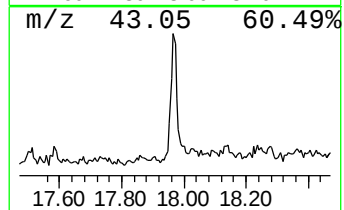
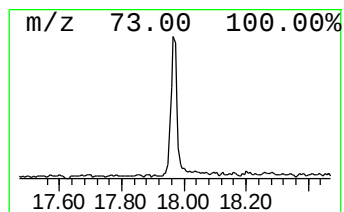
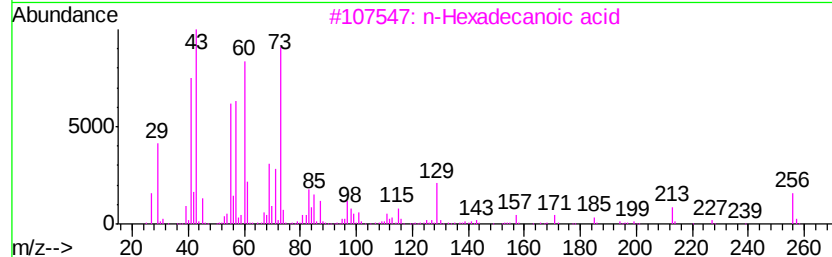
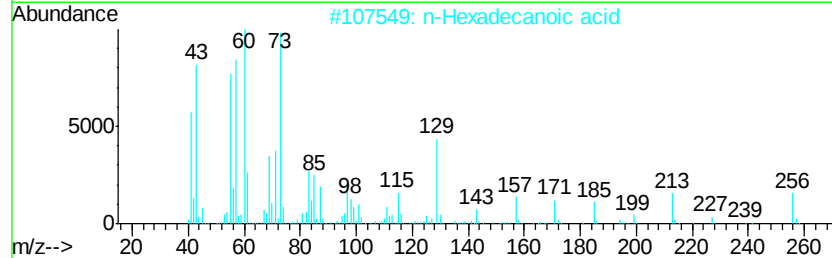
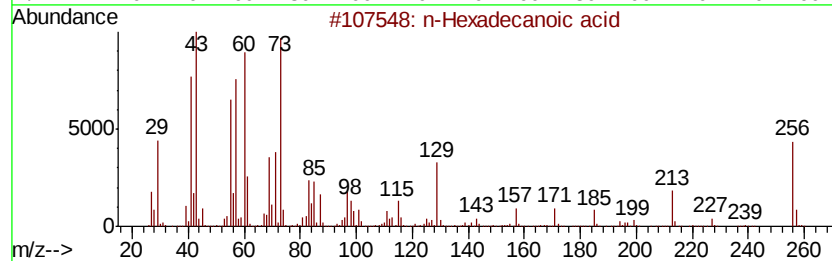
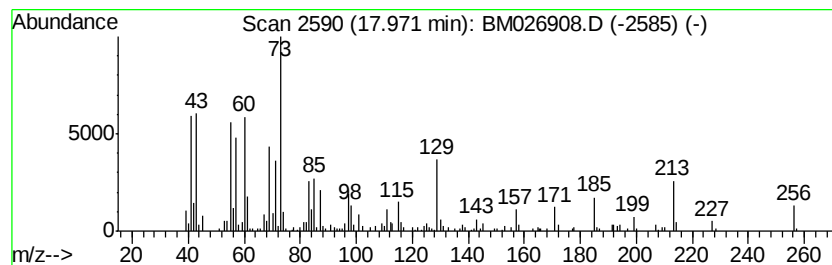
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.28 ng/ul	193851	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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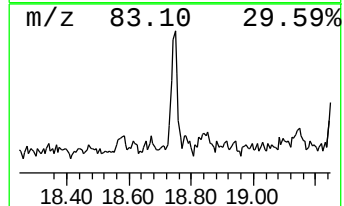
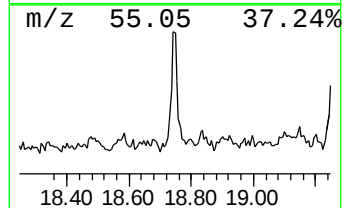
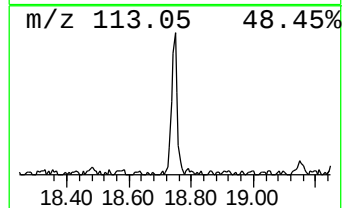
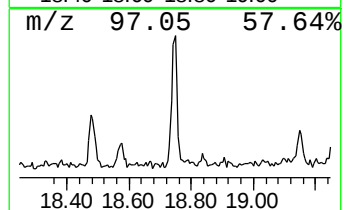
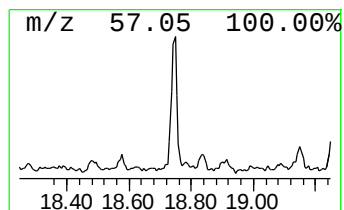
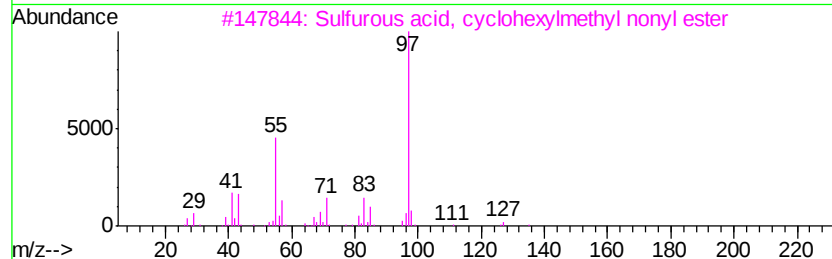
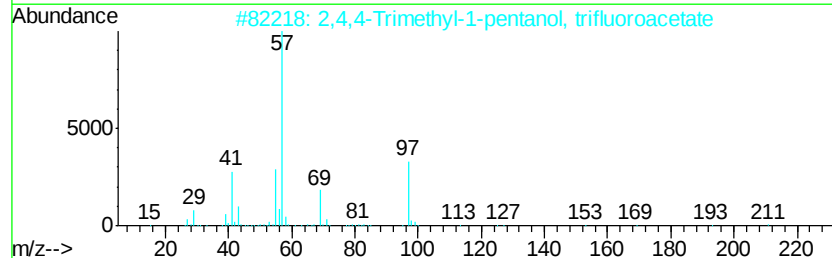
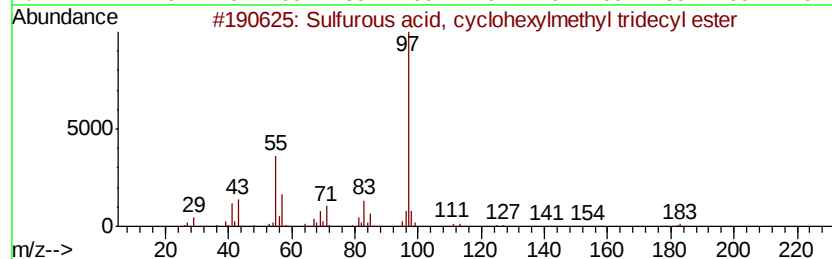
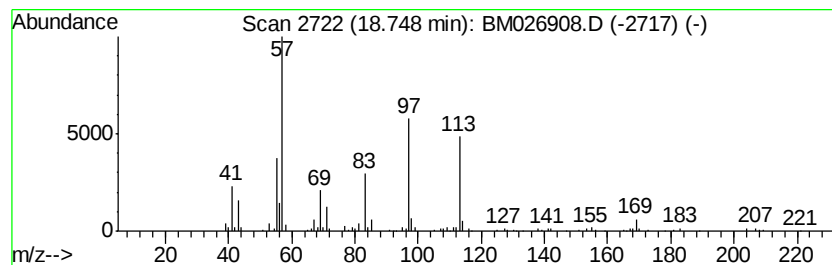
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.24 ng/ul	101365	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	38
2		2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25
3		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	25
4		3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	021141-71-9	22
5		Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026908.D
Acq On : 29 Jul 2020 02:19
Operator : JU/CG
Sample : L3443-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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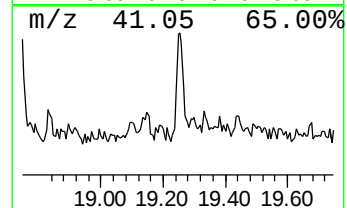
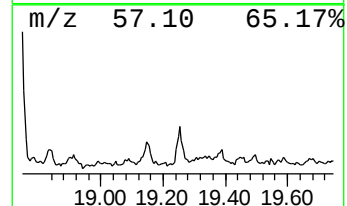
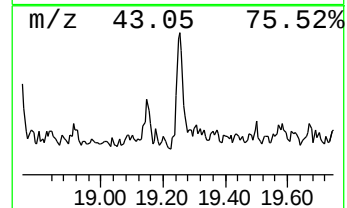
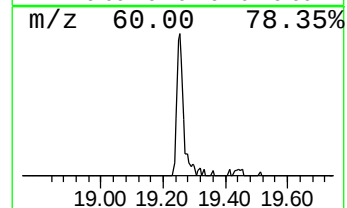
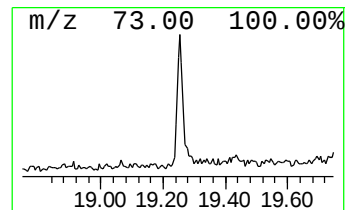
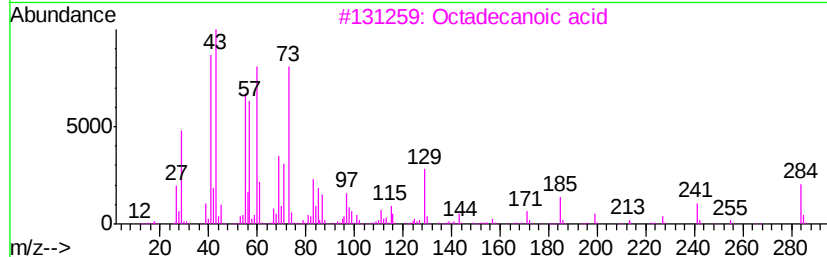
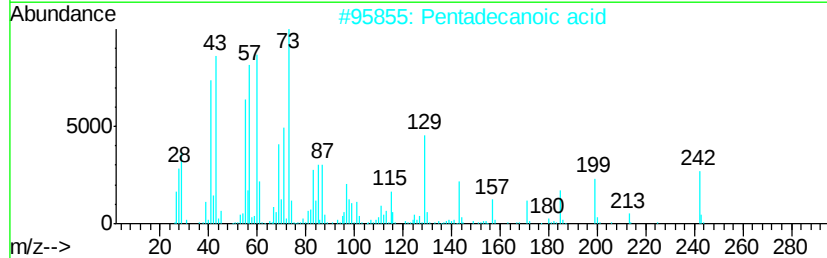
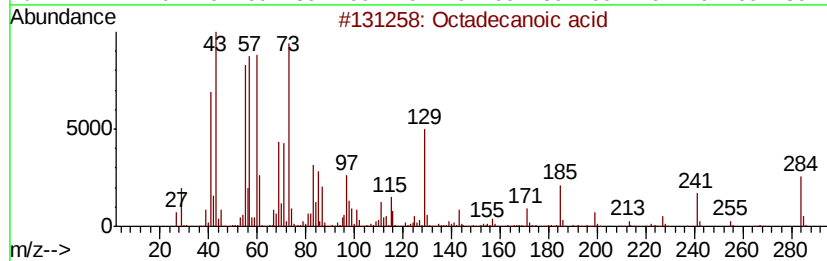
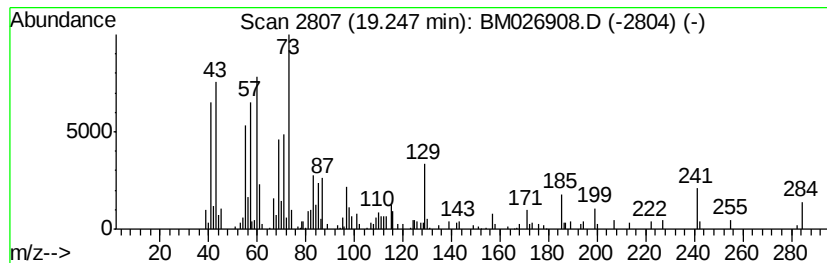
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.04 ng/ul	121941	Chrysene-d12	21.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	92
3			Octadecanoic acid	284	C18H36O2	000057-11-4	86
4			Octadecanoic acid	284	C18H36O2	000057-11-4	64
5			Octadecanoic acid	284	C18H36O2	000057-11-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026908.D
Acq On : 29 Jul 2020 02:19
Operator : JU/CG
Sample : L3443-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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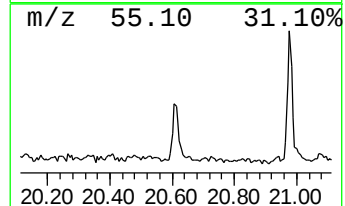
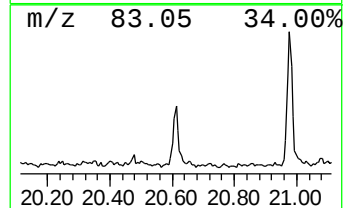
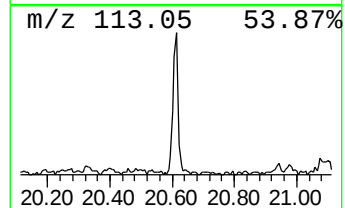
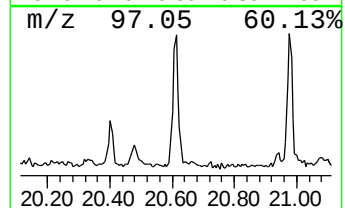
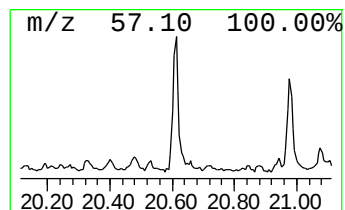
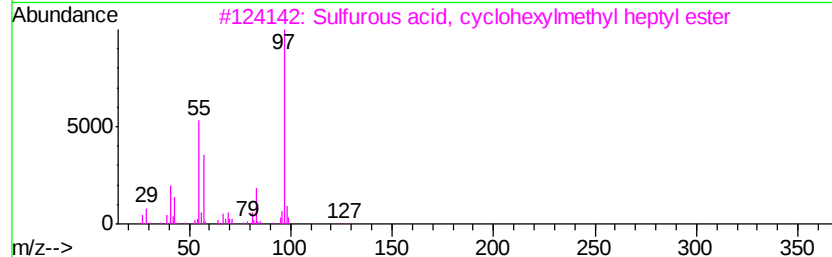
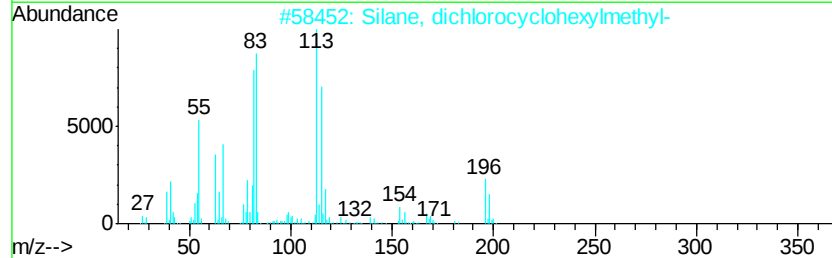
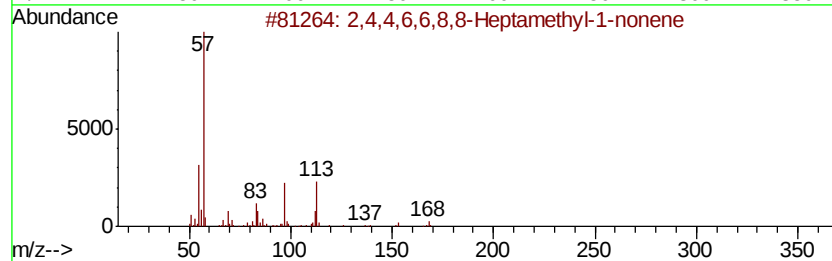
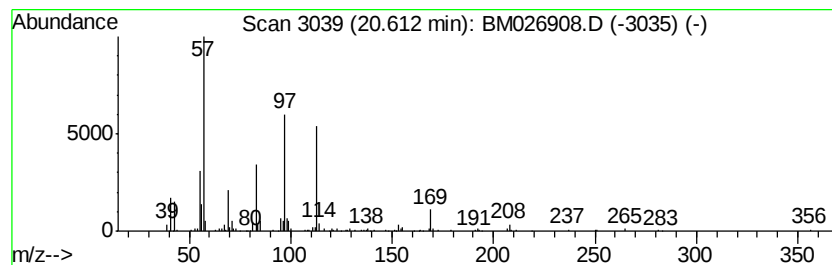
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	2.12 ng/ul	126726	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2		Silane, dichlorocyclohexylmethyl-	196	C7H14Cl2Si	005578-42-7	38
3		Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	35
4		Borinic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	25
5		Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
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Acq On : 29 Jul 2020 02:19
Operator : JU/CG
Sample : L3443-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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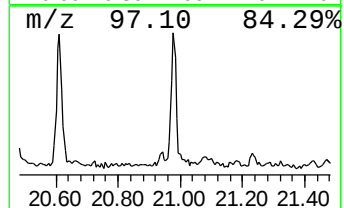
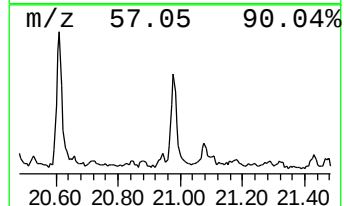
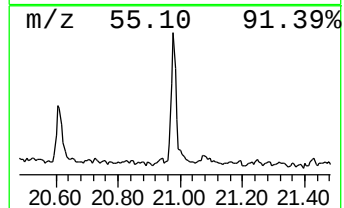
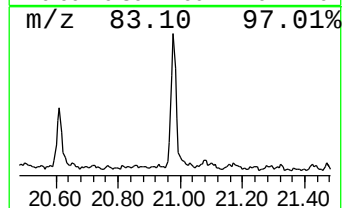
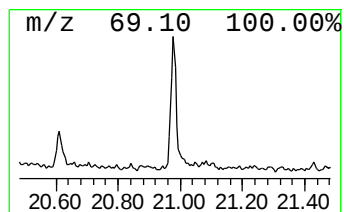
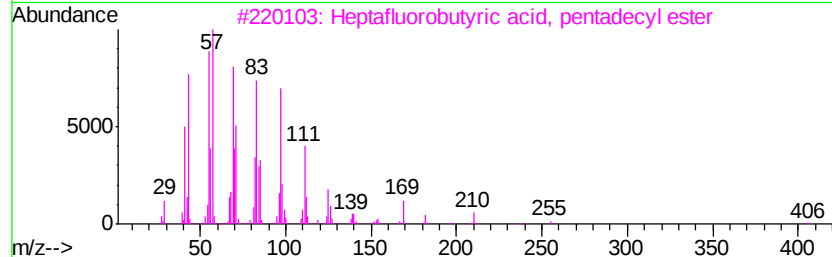
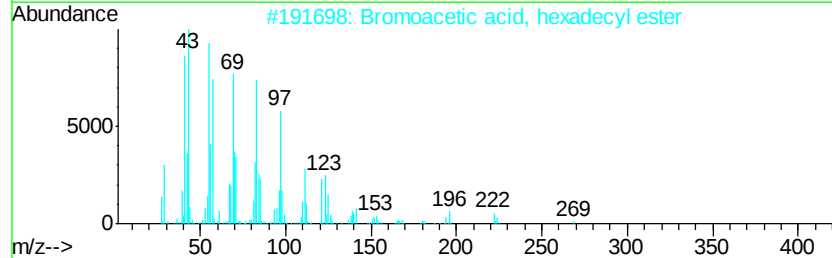
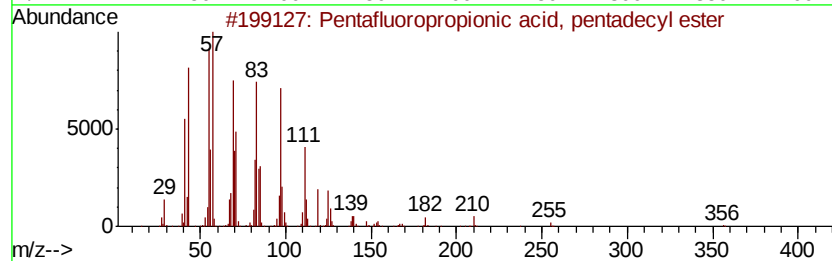
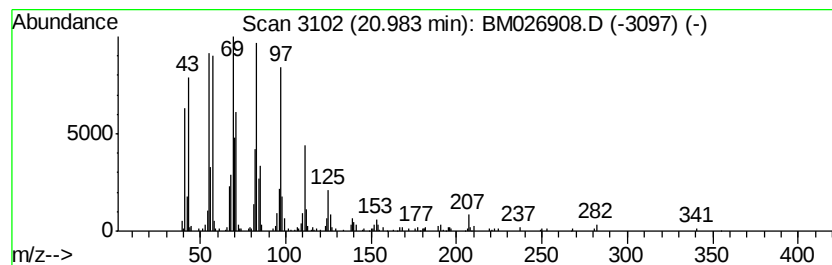
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.01 ng/ul	239410	Chrysene-d12	21.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4			1-Hexadecanol	242	C16H34O	036653-82-4	87
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
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Sample : L3443-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.91	14.1	ng/ul	299300	1	7.67	424024	20.0
Butane, 2-methoxy...	2.98	45.9	ng/ul	972986	1	7.67	424024	20.0
n-Hexadecanoic acid	17.97	4.3	ng/ul	193851	4	17.04	906823	20.0
unknown-01	18.75	2.2	ng/ul	101365	4	17.04	906823	20.0
Octadecanoic acid	19.25	2.0	ng/ul	121941	5	21.24	1194280	20.0
(DEL) Alkane: Str...	20.61	2.1	ng/ul	126726	5	21.24	1194280	20.0
Pentafluoropropio...	20.98	4.0	ng/ul	239410	5	21.24	1194280	20.0