

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042153.D
 Acq On : 12 Aug 2019 19:39
 Operator : HP/JU
 Sample : K4161-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOE5

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_G\METHODS\SOM-EPA-BG080319MA.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	3.146	5	10	30	rVB	1056457	1712271	58.66%	5.882%
2	3.410	51	55	61	rVB	15950	24097	0.83%	0.083%
3	3.687	99	102	113	rBV	18391	42182	1.45%	0.145%
4	4.074	163	168	174	rVB3	7369	12987	0.44%	0.045%
5	4.174	180	185	189	rVB4	3562	6331	0.22%	0.022%
6	4.268	194	201	206	rVB6	3830	7526	0.26%	0.026%
7	4.627	257	262	269	rBV6	2558	5348	0.18%	0.018%
8	5.097	336	342	347	rBV5	2537	4371	0.15%	0.015%
9	5.255	366	369	374	rVB3	4389	6997	0.24%	0.024%
10	6.389	556	562	568	rBV3	2828	5321	0.18%	0.018%
11	7.053	670	675	679	rBV4	1474	3398	0.12%	0.012%
12	7.182	690	697	712	rBV2	80923	185497	6.36%	0.637%
13	7.341	717	724	739	rBV	239166	423291	14.50%	1.454%
14	7.553	752	760	775	rBV	292976	529161	18.13%	1.818%
15	8.023	832	840	848	rBV	307118	532342	18.24%	1.829%
16	8.081	848	850	858	rVB4	2352	4502	0.15%	0.015%
17	8.734	954	961	973	rBV	241042	455376	15.60%	1.564%
18	9.192	1030	1039	1050	rBV	321792	584017	20.01%	2.006%
19	9.356	1062	1067	1072	rVB7	2256	4408	0.15%	0.015%
20	9.638	1111	1115	1119	rBV4	2147	3275	0.11%	0.011%
21	9.920	1155	1163	1175	rBV	288294	528737	18.12%	1.816%
22	10.467	1248	1256	1272	rBV	436559	878322	30.09%	3.017%
23	10.849	1314	1321	1333	rVV	435828	789843	27.06%	2.713%
24	10.984	1337	1344	1359	rBV2	57701	132506	4.54%	0.455%
25	12.441	1586	1592	1604	rVB3	8409	16236	0.56%	0.056%
26	13.293	1732	1737	1743	rBV4	2439	3809	0.13%	0.013%
27	13.522	1771	1776	1780	rBV6	3645	6270	0.21%	0.022%
28	13.581	1782	1786	1791	rVB	1775	3151	0.11%	0.011%
29	13.645	1793	1797	1803	rVB3	6261	9932	0.34%	0.034%
30	14.086	1865	1872	1877	rBV	871666	1360211	46.60%	4.673%
31	14.127	1877	1879	1884	rVV	85800	116174	3.98%	0.399%
32	14.186	1884	1889	1908	rVB	77760	165655	5.68%	0.569%
33	14.380	1914	1922	1933	rBV	1056554	1719369	58.91%	5.907%
34	14.638	1960	1966	1968	rBV	22227	33319	1.14%	0.114%

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 Title : SVOA CALIBRATION

35	14.685	1968	1974	1984	rVB	760026	1193406	40.89%	4.100%
36	14.885	2000	2008	2025	rBV3	54402	145586	4.99%	0.500%
37	15.097	2041	2044	2054	rBV7	4525	11674	0.40%	0.040%
38	15.578	2121	2126	2131	rVV2	10214	17628	0.60%	0.061%
39	15.678	2135	2143	2154	rBV	1456073	2193783	75.16%	7.536%
40	15.796	2156	2163	2178	rVV	370519	562592	19.28%	1.933%
41	15.919	2178	2184	2191	rVB2	16980	28627	0.98%	0.098%
42	16.060	2199	2208	2211	rBV6	4067	9560	0.33%	0.033%
43	16.219	2230	2235	2236	rBV3	2283	3118	0.11%	0.011%
44	16.372	2257	2261	2267	rBV2	15468	26969	0.92%	0.093%
45	16.454	2271	2275	2281	rVV3	13665	26182	0.90%	0.090%
46	16.513	2283	2285	2289	rVV2	4503	6335	0.22%	0.022%
47	16.577	2292	2296	2301	rVV4	4244	8017	0.27%	0.028%
48	16.630	2303	2305	2310	rVV4	4054	6218	0.21%	0.021%
49	16.689	2310	2315	2320	rVB6	3184	6811	0.23%	0.023%
50	16.900	2349	2351	2356	rBV4	3969	5295	0.18%	0.018%
51	17.177	2391	2398	2399	rBV3	2284	3106	0.11%	0.011%
52	17.435	2434	2442	2453	rBV2	897320	1419038	48.62%	4.875%
53	17.535	2453	2459	2476	rVV2	1460131	2306580	79.03%	7.924%
54	17.653	2476	2479	2484	rVB	8656	11970	0.41%	0.041%
55	17.929	2524	2526	2531	rBV4	3250	3653	0.13%	0.013%
56	17.993	2531	2537	2542	rVV	6800	10716	0.37%	0.037%
57	18.046	2542	2546	2550	rVV	16856	23138	0.79%	0.079%
58	18.099	2552	2555	2561	rVB4	9384	13004	0.45%	0.045%
59	18.328	2589	2594	2601	rBV	94970	155504	5.33%	0.534%
60	18.510	2623	2625	2629	rBV4	2405	3261	0.11%	0.011%
61	18.628	2642	2645	2647	rBV4	3269	4373	0.15%	0.015%
62	18.669	2647	2652	2656	rVV6	8388	14118	0.48%	0.049%
63	18.816	2675	2677	2685	rVB6	6550	9987	0.34%	0.034%
64	19.010	2705	2710	2711	rBV5	2298	3040	0.10%	0.010%
65	19.045	2711	2716	2719	rBV	4053	6573	0.23%	0.023%
66	19.186	2738	2740	2741	rBV2	3730	3144	0.11%	0.011%
67	19.456	2782	2786	2795	rVB	31125	51731	1.77%	0.178%
68	19.603	2806	2811	2820	rBV3	43787	84776	2.90%	0.291%
69	19.709	2825	2829	2833	rVB	17239	26205	0.90%	0.090%
70	19.826	2842	2849	2862	rBV	1899220	2809759	96.27%	9.653%
71	20.050	2884	2887	2892	rVB2	10278	15002	0.51%	0.052%

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72	20.355	2936	2939	2942	rBV4	11428	13890	0.48%	0.048%
73	20.855	3020	3024	3027	rVB3	18547	25566	0.88%	0.088%
74	21.372	3107	3112	3121	rBV3	65300	141637	4.85%	0.487%
75	21.718	3164	3171	3180	rBV	993755	1624856	55.67%	5.582%
76	21.918	3202	3205	3210	rVB	46922	67126	2.30%	0.231%
77	22.541	3306	3311	3317	rBV	82447	132172	4.53%	0.454%
78	23.252	3425	3432	3439	rVB	121111	226104	7.75%	0.777%
79	24.080	3564	3573	3582	rBV	127507	301157	10.32%	1.035%
80	24.762	3677	3689	3712	rBV	961342	2918752	100.00%	10.027%
81	24.991	3717	3728	3735	rBV2	529049	1649431	56.51%	5.666%
82	26.207	3926	3935	3945	rVB3	91251	286183	9.80%	0.983%
83	27.588	4163	4170	4182	rVB4	50284	175252	6.00%	0.602%

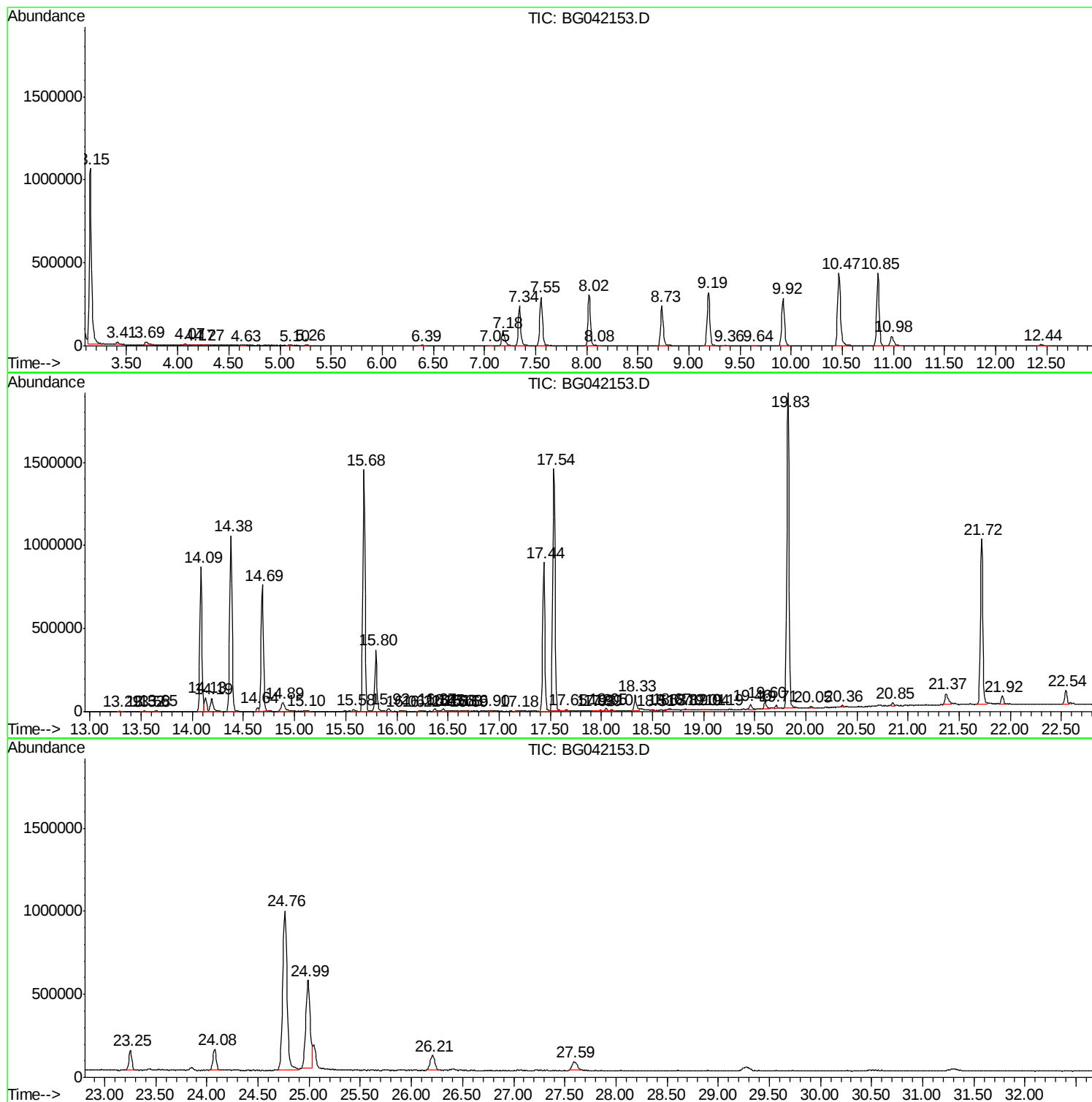
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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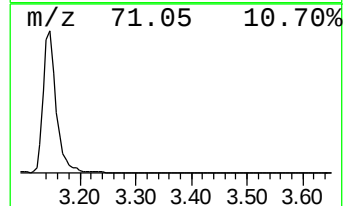
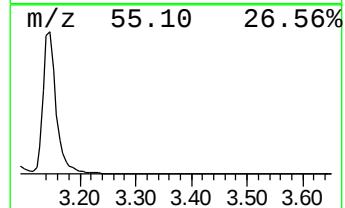
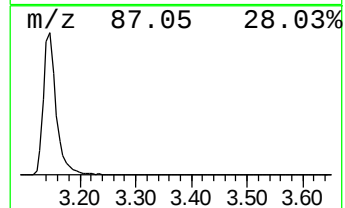
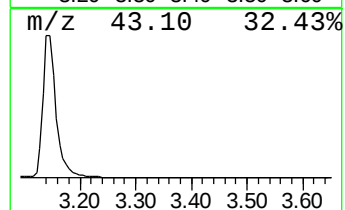
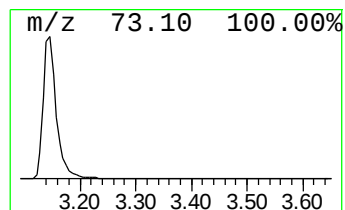
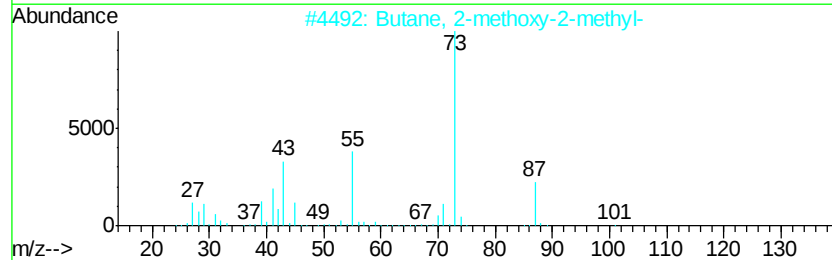
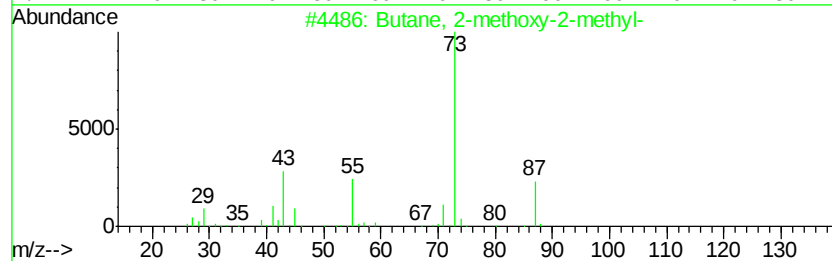
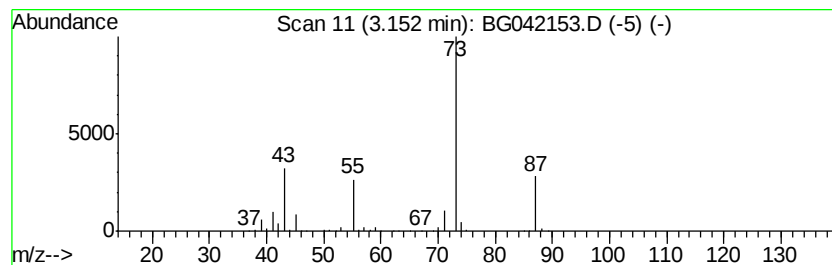
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	64.33 ng/ul	1712270	1,4-Dichlorobenzene-d4	8.02

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	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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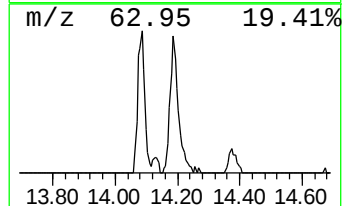
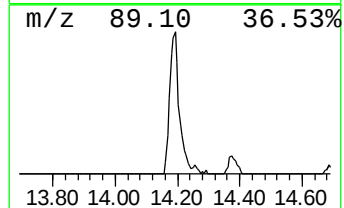
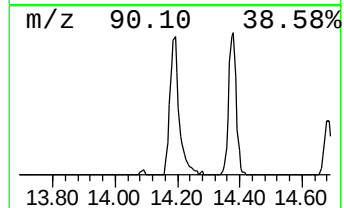
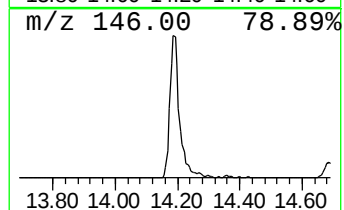
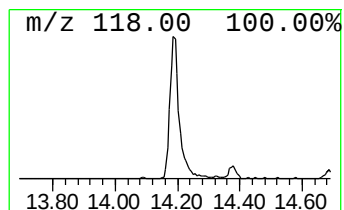
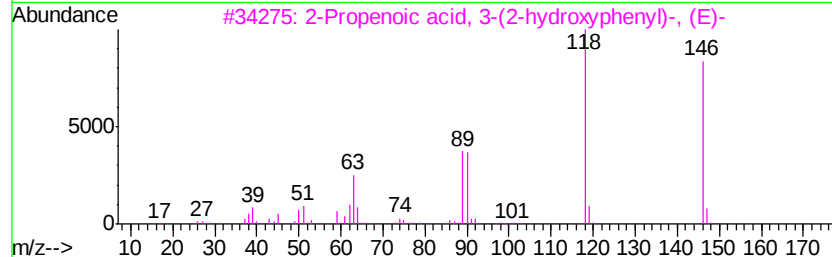
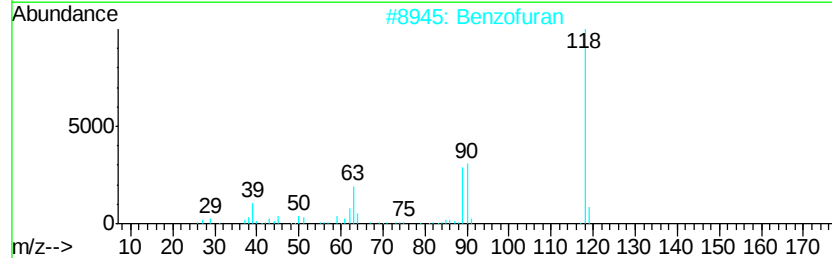
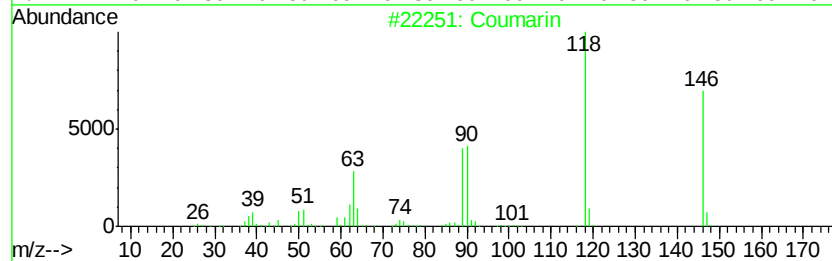
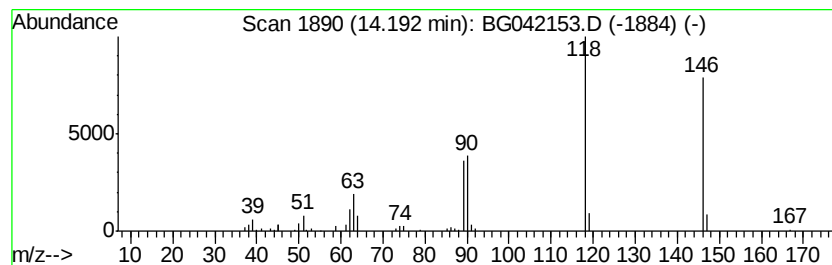
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Coumarin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.78 ng/ul	165655	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coumarin	146	C9H6O2	000091-64-5	96
2		Benzofuran	118	C8H6O	000271-89-6	91
3		2-Propenoic acid, 3-(2-hydroxyph...	164	C9H8O3	000614-60-8	90
4		Coumarin	146	C9H6O2	000091-64-5	83
5		Benzofuran	118	C8H6O	000271-89-6	83



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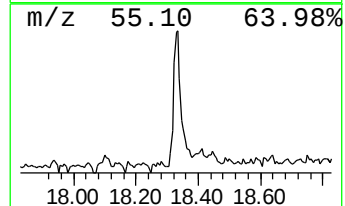
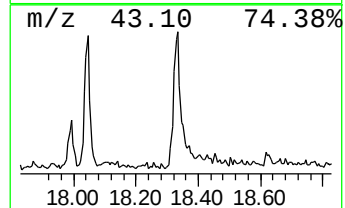
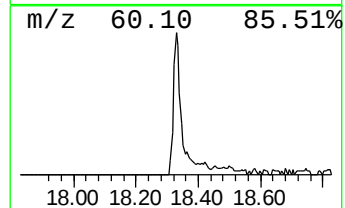
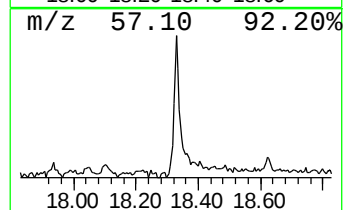
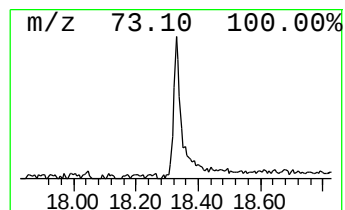
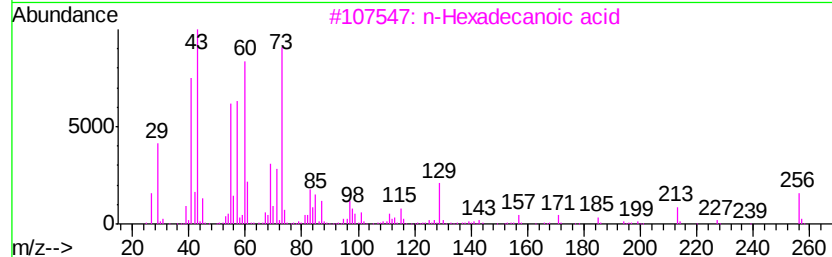
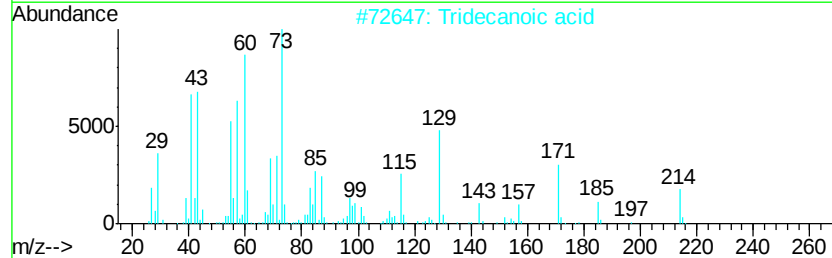
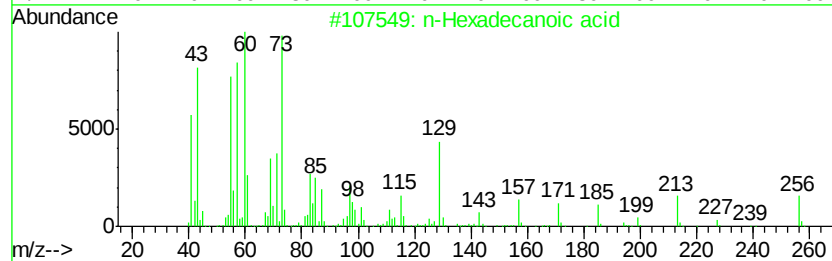
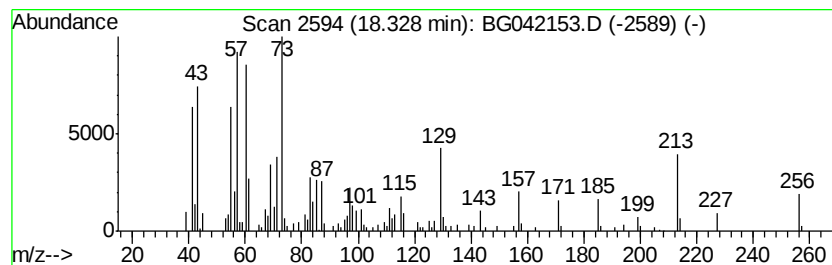
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.19 ng/ul	155504	Phenanthrene-d10	17.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
4	Undecanoic acid	186	C11H22O2	000112-37-8	70	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68	



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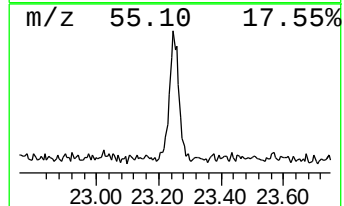
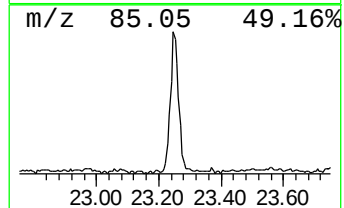
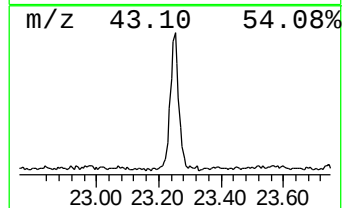
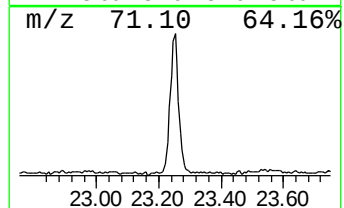
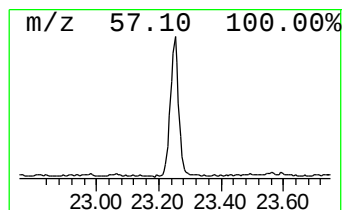
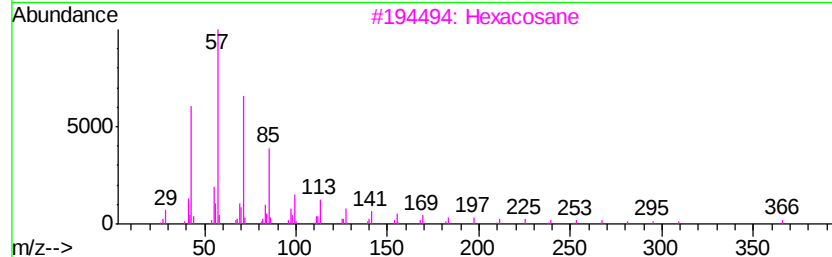
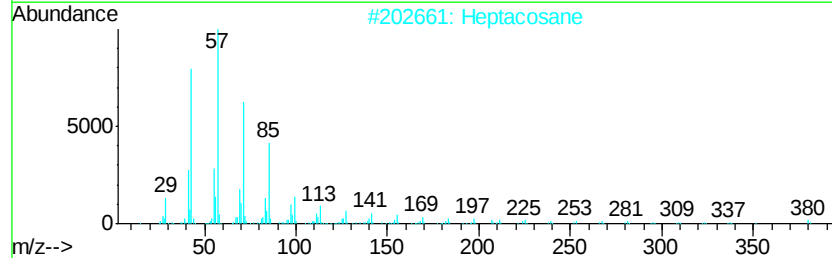
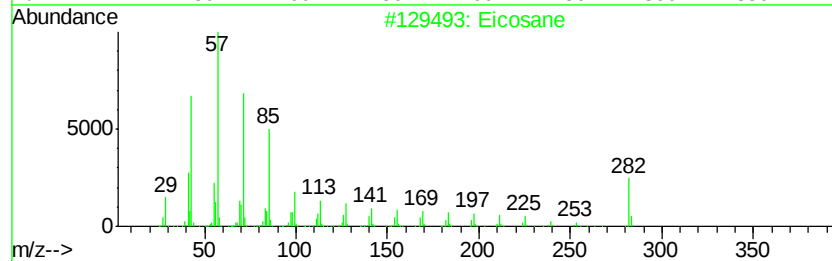
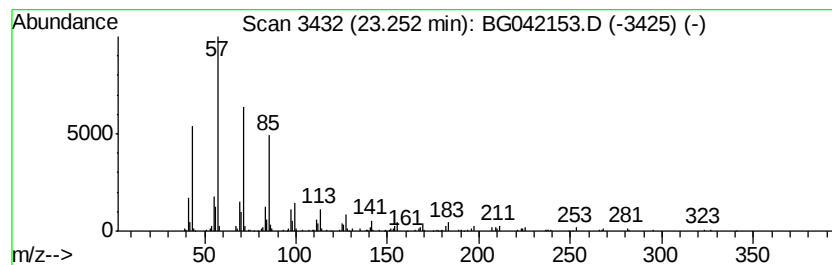
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.78 ng/ul	226104	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042153.D
 Acq On : 12 Aug 2019 19:39
 Operator : HP/JU
 Sample : K4161-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOE5

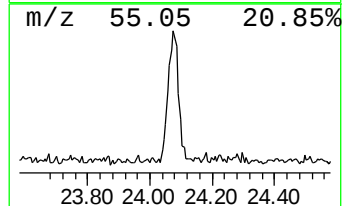
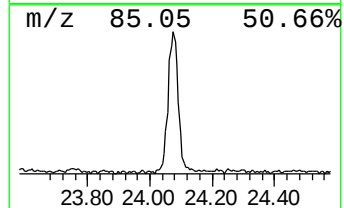
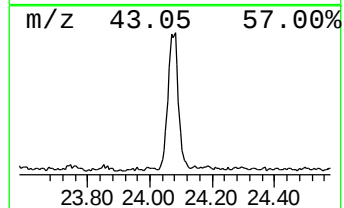
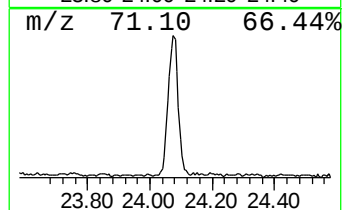
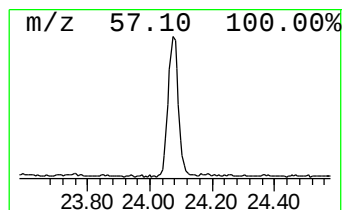
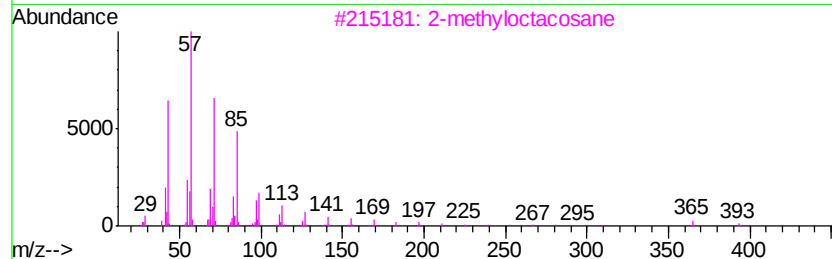
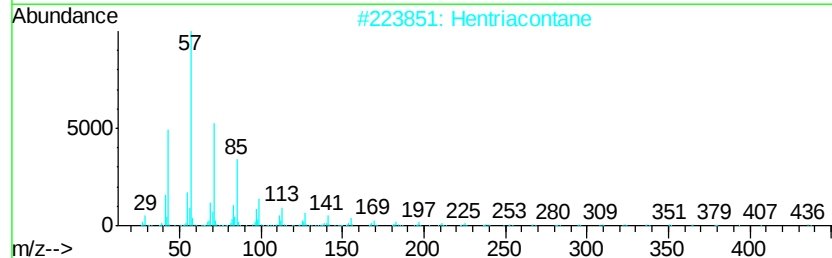
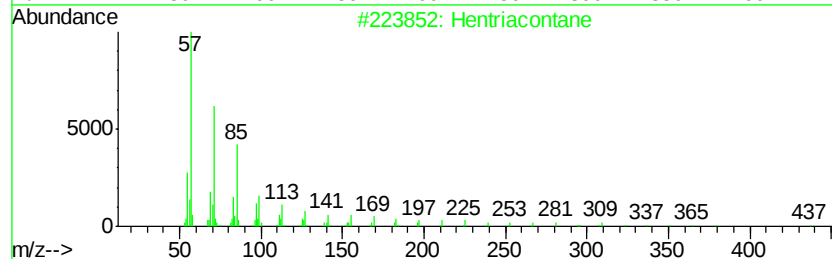
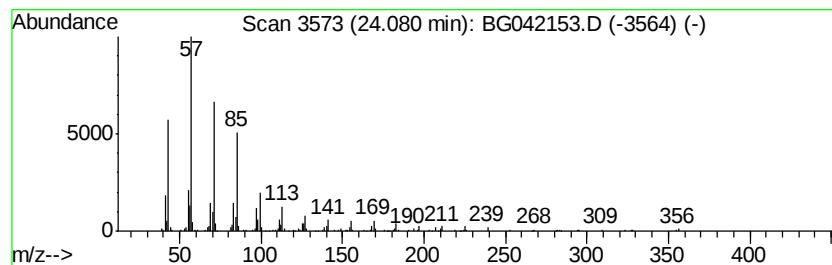
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.65 ng/ul	301157	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042153.D
Acq On : 12 Aug 2019 19:39
Operator : HP/JU
Sample : K4161-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOE5

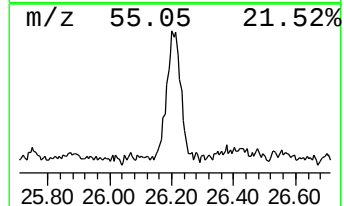
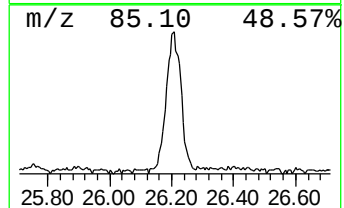
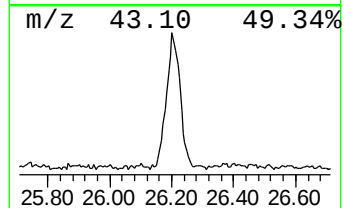
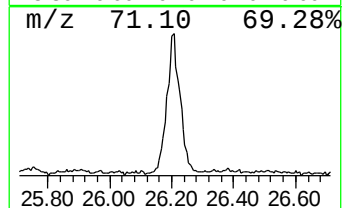
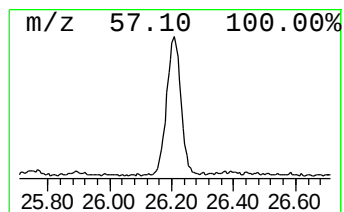
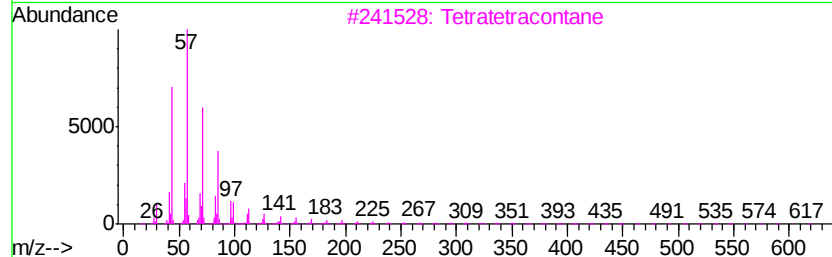
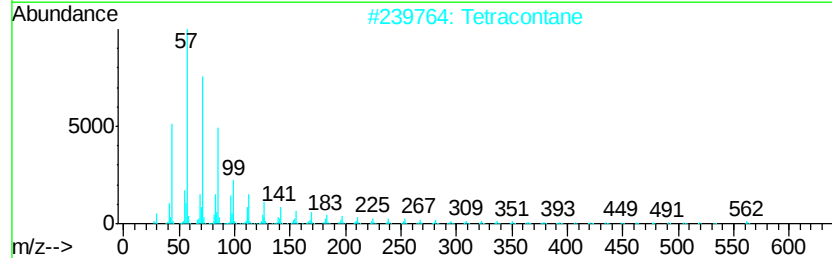
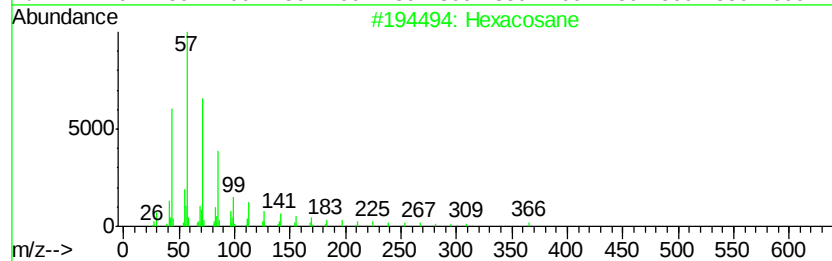
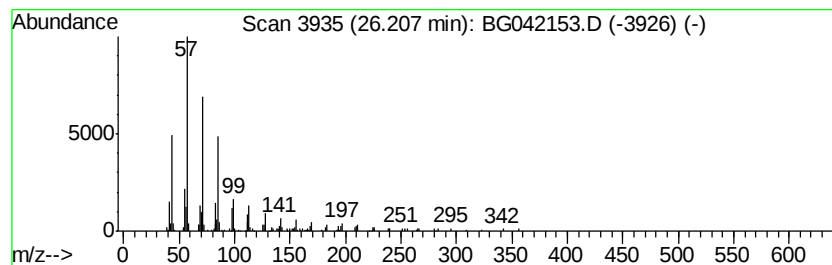
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	3.47 ng/ul	286183	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracontane	563	C40H82	004181-95-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042153.D
Acq On : 12 Aug 2019 19:39
Operator : HP/JU
Sample : K4161-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOE5

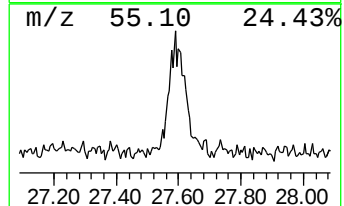
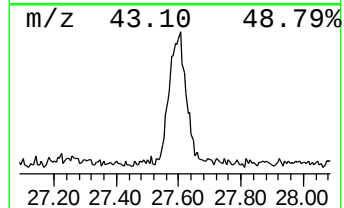
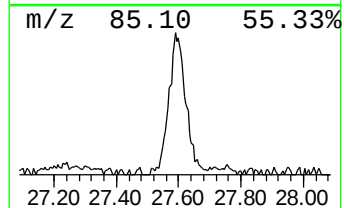
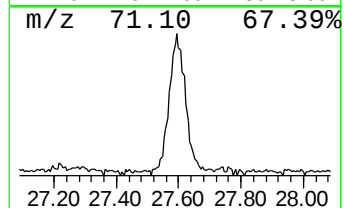
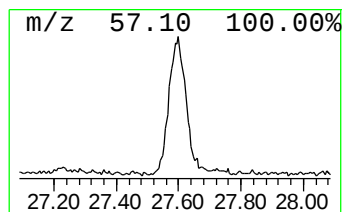
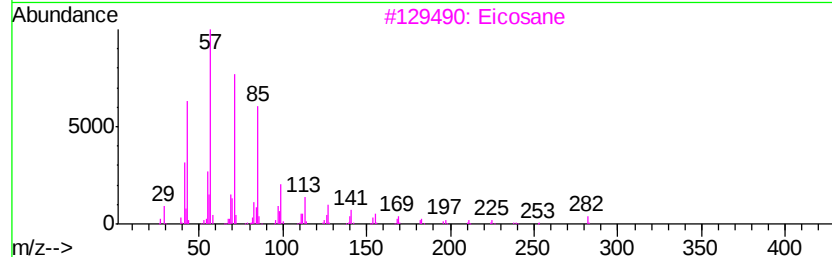
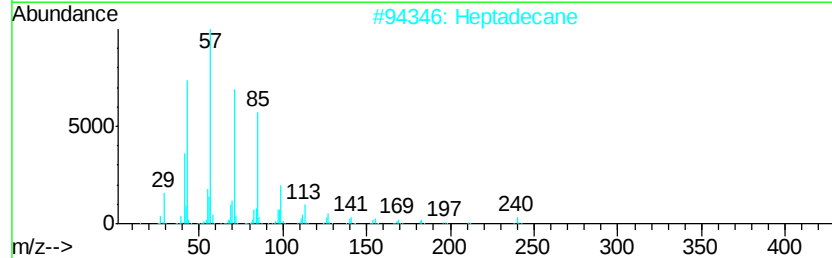
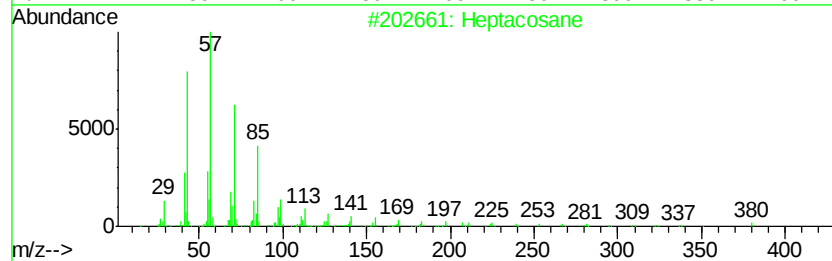
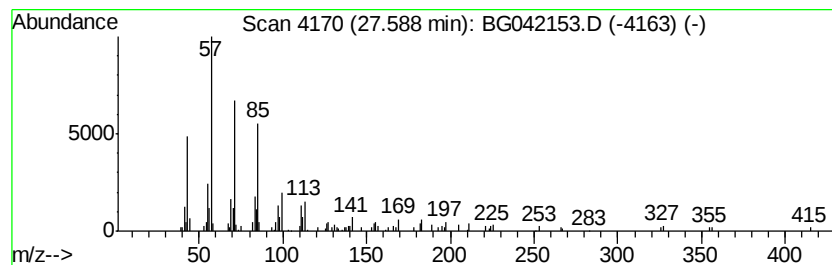
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	2.13 ng/ul	175252	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexatriacontane	507	C36H74	000630-06-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042153.D
Acq On : 12 Aug 2019 19:39
Operator : HP/JU
Sample : K4161-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	64.3	ng/ul	1712270	1	8.02	532342	20.0
Coumarin	14.19	2.8	ng/ul	165655	3	14.69	1193410	20.0
n-Hexadecanoic acid	18.33	2.2	ng/ul	155504	4	17.44	1419040	20.0
(DEL) Alkane: Str...	23.25	2.8	ng/ul	226104	5	21.72	1624860	20.0
(DEL) Alkane: Str...	24.08	3.6	ng/ul	301157	6	24.99	1649430	20.0
(DEL) Alkane: Str...	26.21	3.5	ng/ul	286183	6	24.99	1649430	20.0
(DEL) Alkane: Str...	27.59	2.1	ng/ul	175252	6	24.99	1649430	20.0