

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042159.D
 Acq On : 12 Aug 2019 23:30
 Operator : HP/JU
 Sample : K4161-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD8

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	3.141	5	9	26	rVB	987951	1619452	60.14%	5.916%
2	3.411	50	55	65	rVB	17256	32470	1.21%	0.119%
3	3.710	101	106	109	rBV4	3708	6730	0.25%	0.025%
4	4.075	164	168	174	rVB2	6381	11218	0.42%	0.041%
5	4.169	180	184	189	rBV4	3077	4955	0.18%	0.018%
6	4.269	196	201	205	rVB6	3250	5718	0.21%	0.021%
7	6.390	557	562	566	rBV4	2381	3712	0.14%	0.014%
8	7.183	690	697	713	rVB2	76454	176544	6.56%	0.645%
9	7.341	717	724	739	rBV	213276	389598	14.47%	1.423%
10	7.553	753	760	771	rBV	265223	494423	18.36%	1.806%
11	8.023	833	840	850	rBV	285235	507501	18.85%	1.854%
12	8.734	954	961	975	rBV	218983	419908	15.59%	1.534%
13	9.192	1031	1039	1050	rBV	296826	545131	20.24%	1.991%
14	9.633	1109	1114	1118	rBV4	2708	4403	0.16%	0.016%
15	9.921	1155	1163	1173	rBV	262557	486805	18.08%	1.778%
16	10.344	1228	1235	1240	rBV2	8406	17325	0.64%	0.063%
17	10.467	1248	1256	1276	rBV	398118	808861	30.04%	2.955%
18	10.849	1313	1321	1334	rBV	421103	763405	28.35%	2.789%
19	10.990	1338	1345	1356	rVB	21151	49130	1.82%	0.179%
20	12.353	1570	1577	1585	rVB3	1789	4433	0.16%	0.016%
21	12.447	1587	1593	1604	rVB	7325	15808	0.59%	0.058%
22	13.575	1782	1785	1790	rVB3	4463	6970	0.26%	0.025%
23	14.087	1864	1872	1877	rBV	805138	1249297	46.39%	4.563%
24	14.128	1877	1879	1884	rVB	74831	100798	3.74%	0.368%
25	14.374	1913	1921	1932	rBV	951530	1598208	59.35%	5.838%
26	14.586	1953	1957	1960	rVB4	2861	3449	0.13%	0.013%
27	14.686	1963	1974	1984	rBV	693997	1144298	42.49%	4.180%
28	14.891	2001	2009	2022	rBV2	42530	111873	4.15%	0.409%
29	15.109	2041	2046	2050	rVB5	1710	3316	0.12%	0.012%
30	15.497	2107	2112	2116	rVV4	4719	7489	0.28%	0.027%
31	15.532	2116	2118	2123	rVB4	3298	3704	0.14%	0.014%
32	15.679	2136	2143	2157	rBV	1289696	2019974	75.01%	7.379%
33	15.796	2157	2163	2176	rVV	276071	454822	16.89%	1.661%
34	15.920	2179	2184	2190	rVB2	17184	26870	1.00%	0.098%

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35	16.043	2200	2205	2207	rBV2	3218	3949	0.15%	0.014%
36	16.378	2254	2262	2271	rBV5	11121	30101	1.12%	0.110%
37	16.466	2272	2277	2282	rVB3	7362	10471	0.39%	0.038%
38	16.619	2300	2303	2307	rVB3	2313	3004	0.11%	0.011%
39	16.889	2344	2349	2358	rBV3	9790	15115	0.56%	0.055%
40	17.030	2368	2373	2377	rBV2	8885	12696	0.47%	0.046%
41	17.112	2382	2387	2391	rBV3	2819	3353	0.12%	0.012%
42	17.195	2395	2401	2403	rBV4	3460	5546	0.21%	0.020%
43	17.353	2423	2428	2431	rBV5	3814	5310	0.20%	0.019%
44	17.436	2435	2442	2451	rVV2	869805	1375244	51.07%	5.024%
45	17.535	2452	2459	2476	rVB	1349632	2112033	78.43%	7.715%
46	17.800	2499	2504	2509	rBV6	3544	5754	0.21%	0.021%
47	17.935	2522	2527	2532	rBV5	4775	8680	0.32%	0.032%
48	18.064	2545	2549	2550	rBV4	2442	3238	0.12%	0.012%
49	18.099	2552	2555	2560	rVB4	4491	7813	0.29%	0.029%
50	18.329	2590	2594	2601	rVV3	29091	49292	1.83%	0.180%
51	18.399	2603	2606	2611	rVB2	5181	7727	0.29%	0.028%
52	18.611	2633	2642	2648	rBV2	43385	79181	2.94%	0.289%
53	18.669	2648	2652	2660	rVB3	14813	28499	1.06%	0.104%
54	18.816	2674	2677	2681	rBV5	5525	8119	0.30%	0.030%
55	18.975	2702	2704	2710	rVB6	2540	4218	0.16%	0.015%
56	19.028	2710	2713	2714	rBV3	2859	3217	0.12%	0.012%
57	19.251	2746	2751	2754	rBV	21377	26467	0.98%	0.097%
58	19.404	2775	2777	2780	rVB3	6630	5913	0.22%	0.022%
59	19.457	2782	2786	2791	rBV	25489	37710	1.40%	0.138%
60	19.598	2806	2810	2819	rVV	6688	18618	0.69%	0.068%
61	19.709	2824	2829	2833	rVV	15119	26959	1.00%	0.098%
62	19.750	2833	2836	2840	rVB5	5601	9102	0.34%	0.033%
63	19.821	2841	2848	2862	rBV	1745882	2692865	100.00%	9.837%
64	20.044	2882	2886	2890	rBV3	10254	13241	0.49%	0.048%
65	20.356	2935	2939	2943	rVB	62678	69555	2.58%	0.254%
66	20.602	2977	2981	2985	rBV5	9651	15049	0.56%	0.055%
67	20.714	2997	3000	3007	rVB9	22350	39282	1.46%	0.143%
68	20.855	3019	3024	3027	rVV	105771	127810	4.75%	0.467%
69	20.884	3027	3029	3034	rVB6	11750	13946	0.52%	0.051%
70	21.172	3075	3078	3082	rBV3	10682	12482	0.46%	0.046%
71	21.366	3106	3111	3120	rBV	186236	290911	10.80%	1.063%

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72	21.719	3164	3171	3178	rBV2	952981	1579830	58.67%	5.771%
73	21.924	3200	3206	3211	rBV	141555	216411	8.04%	0.791%
74	22.541	3305	3311	3317	rBV	147108	249972	9.28%	0.913%
75	23.252	3426	3432	3442	rVB	144800	278019	10.32%	1.016%
76	23.440	3460	3464	3474	rVB	44138	80808	3.00%	0.295%
77	24.075	3564	3572	3581	rBV2	118468	284685	10.57%	1.040%
78	24.762	3678	3689	3710	rBV	885059	2640604	98.06%	9.646%
79	24.986	3717	3727	3735	rBV2	513232	1555544	57.77%	5.682%
80	26.202	3926	3934	3945	rVB4	70770	209237	7.77%	0.764%

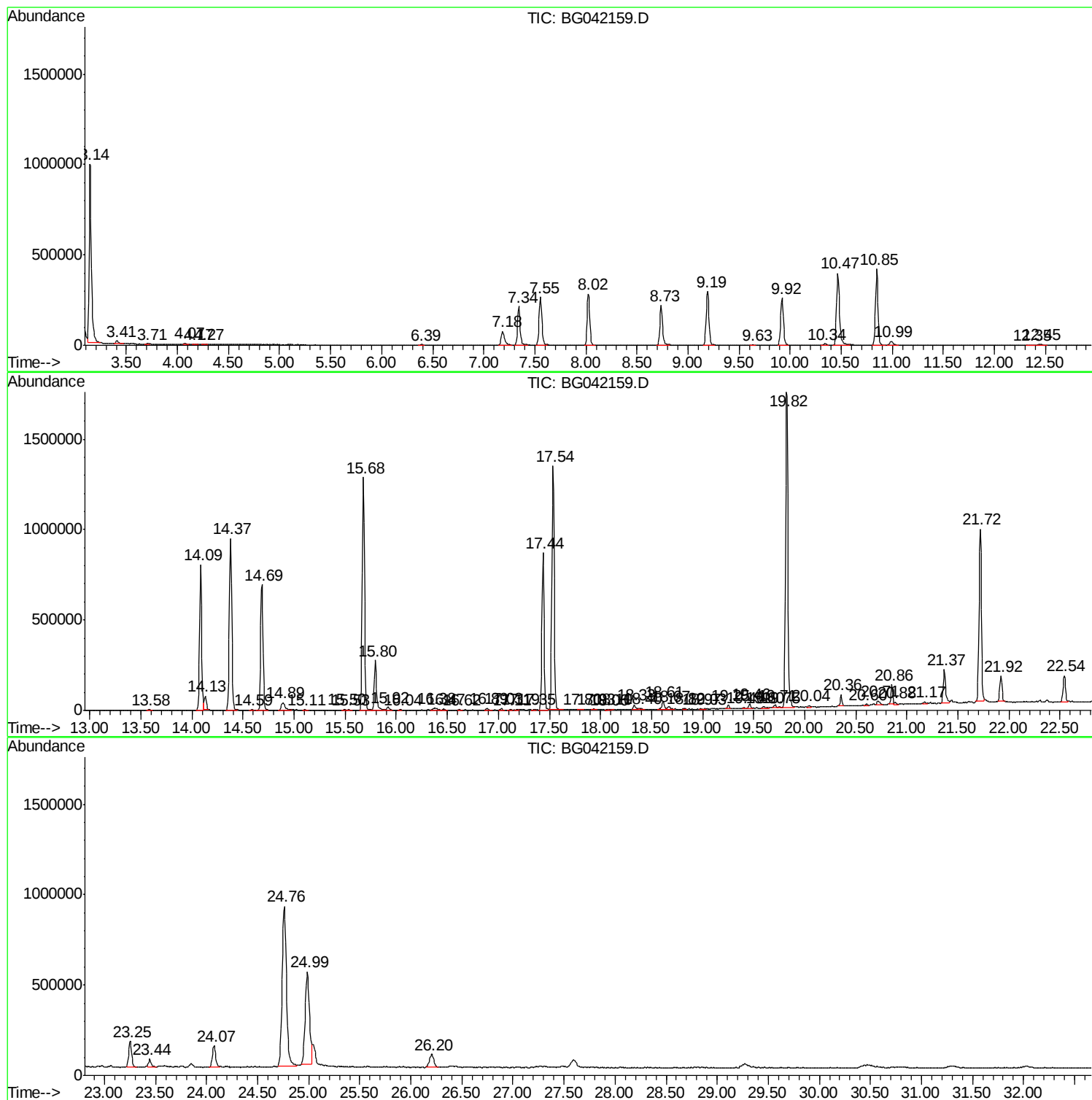
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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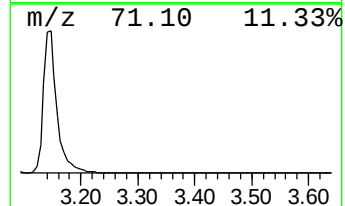
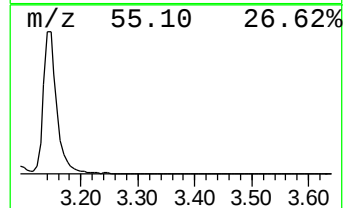
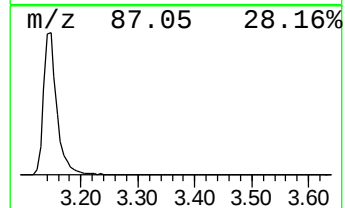
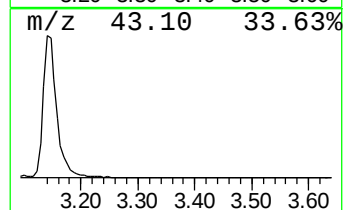
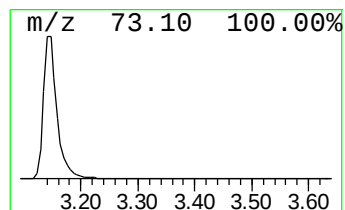
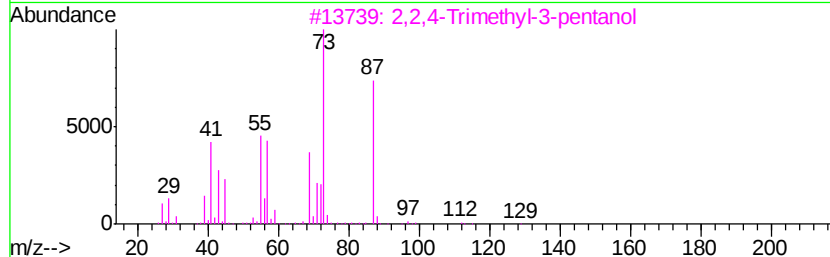
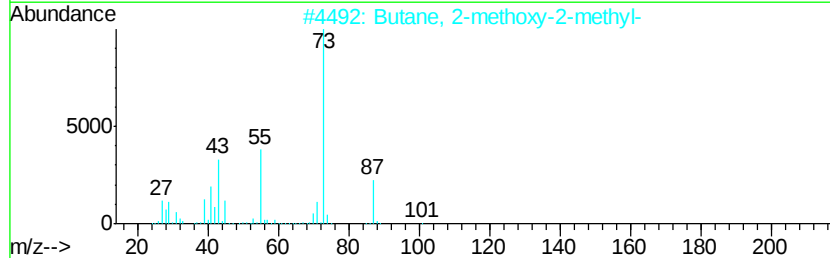
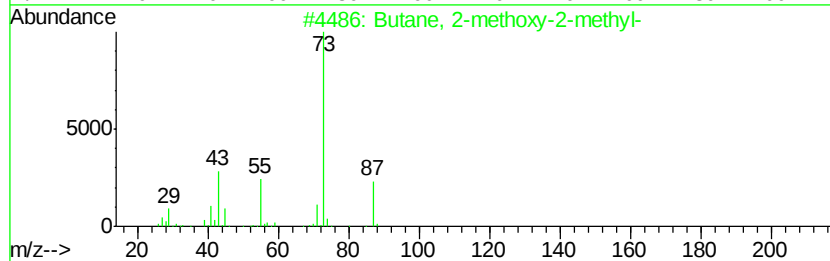
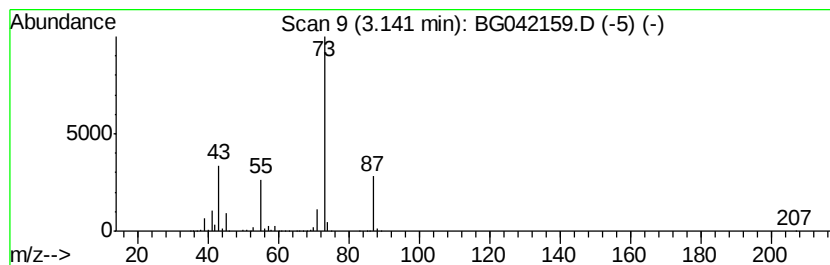
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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.
3.14	63.82 ng/ul	1619450	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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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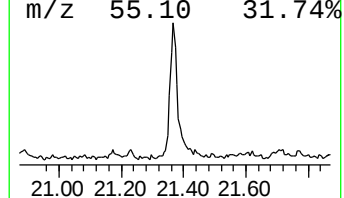
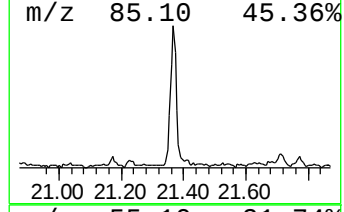
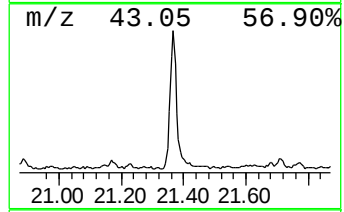
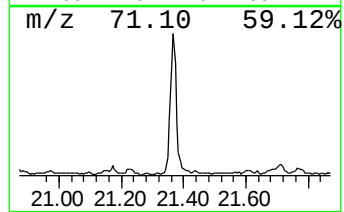
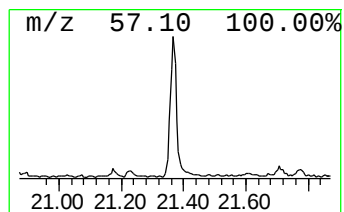
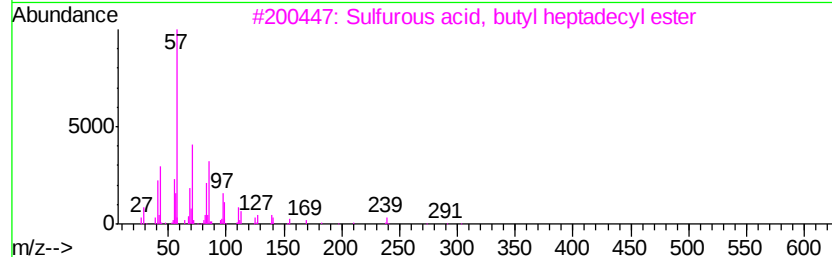
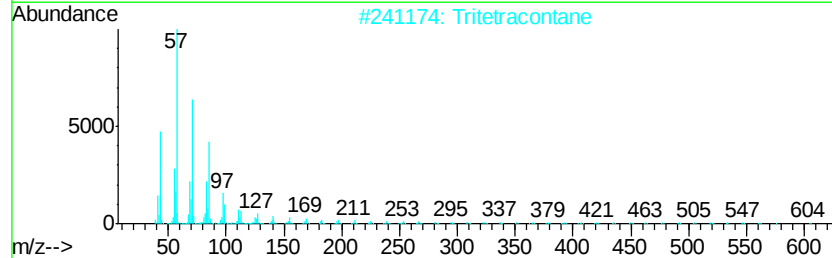
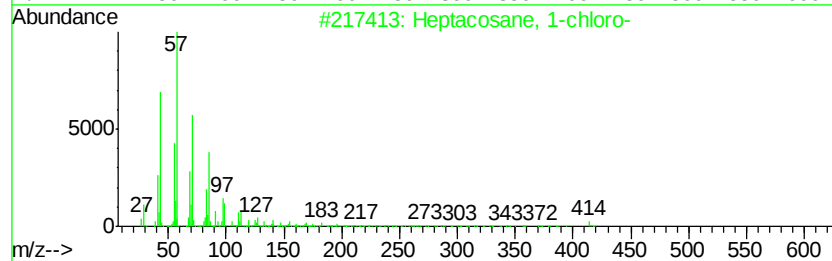
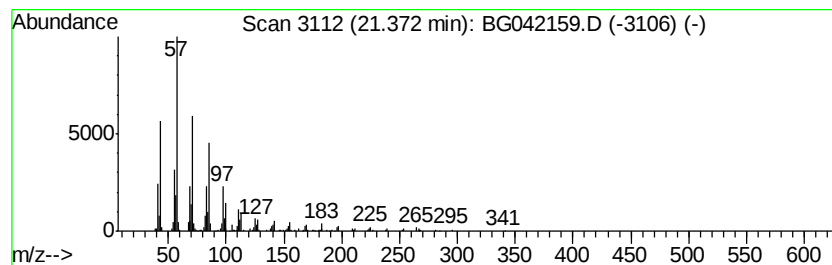
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptacosane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.68 ng/ul	290911	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2		Tritetracontane	605	C43H88	007098-21-7	91
3		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91



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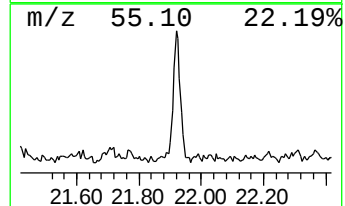
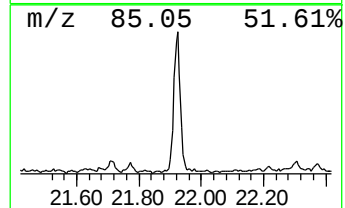
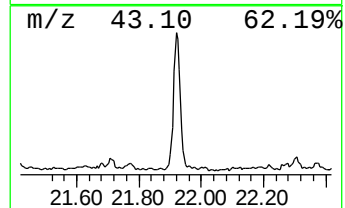
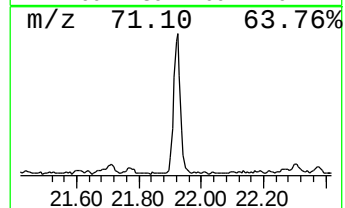
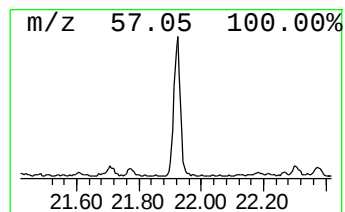
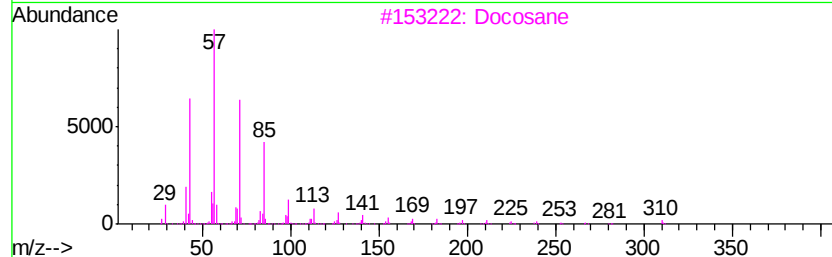
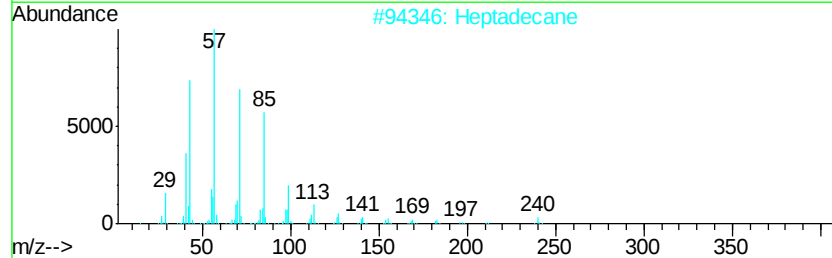
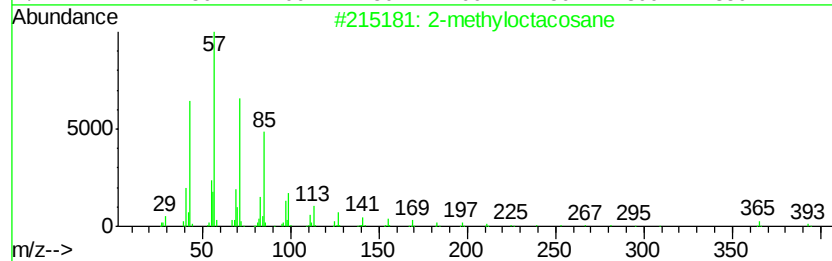
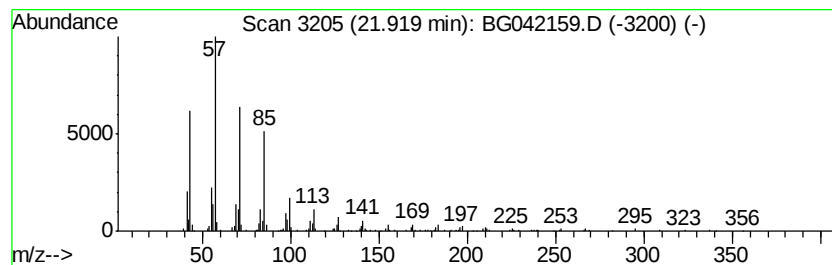
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.74 ng/ul	216411	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Docosane	310	C22H46	000629-97-0	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



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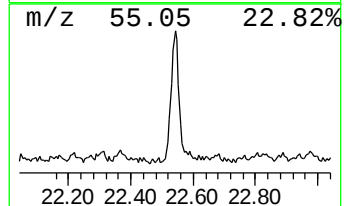
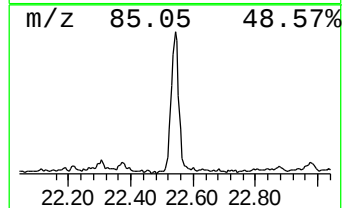
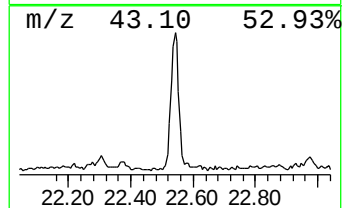
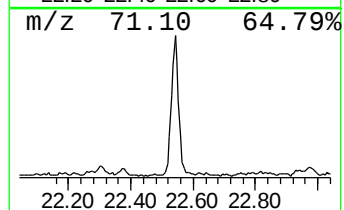
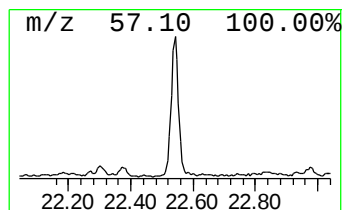
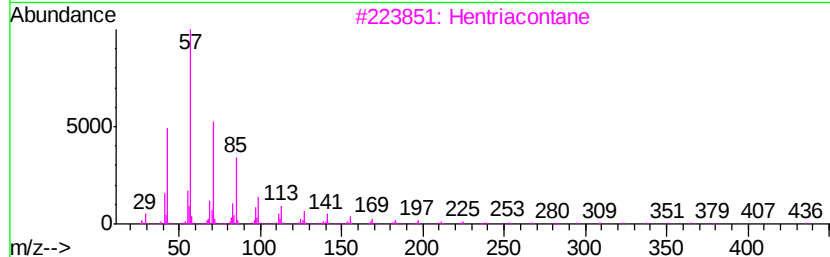
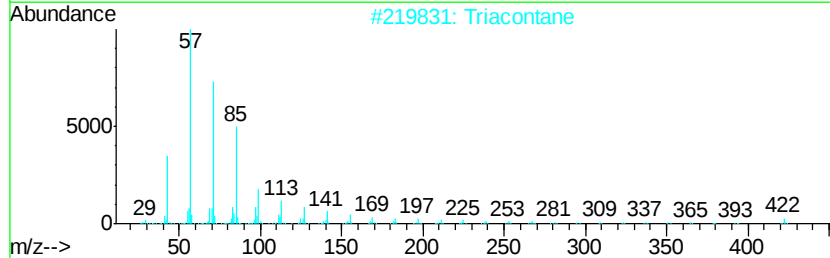
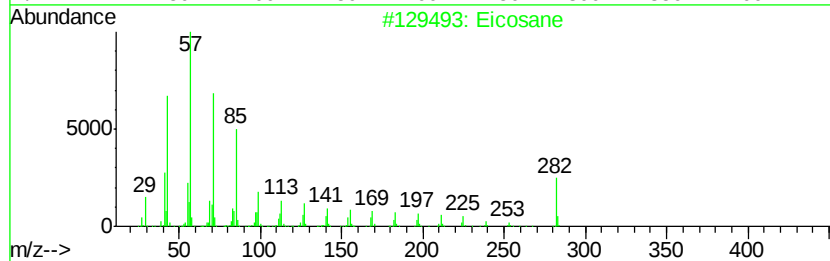
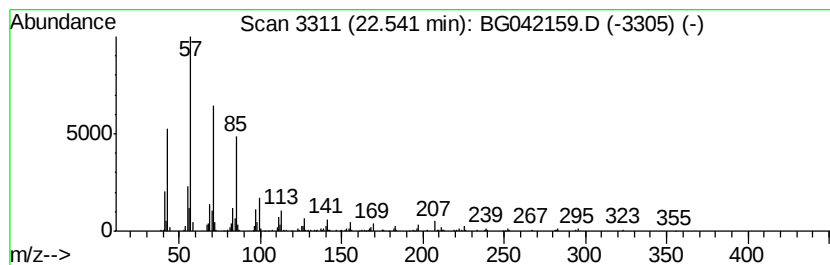
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.16 ng/ul	249972	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Triacontane	422	C30H62	000638-68-6	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042159.D
Acq On : 12 Aug 2019 23:30
Operator : HP/JU
Sample : K4161-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD8

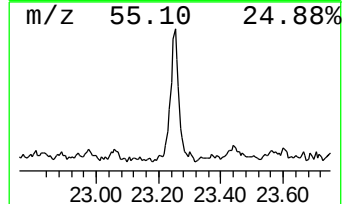
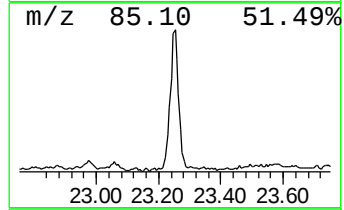
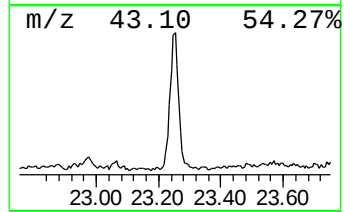
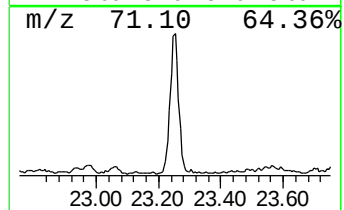
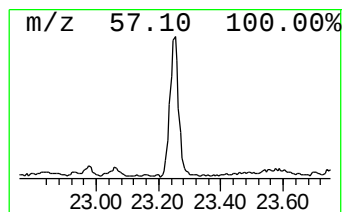
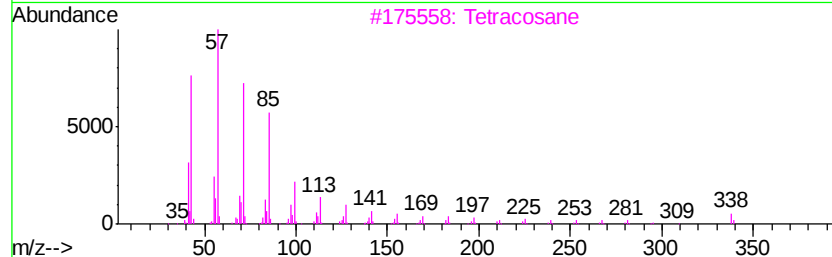
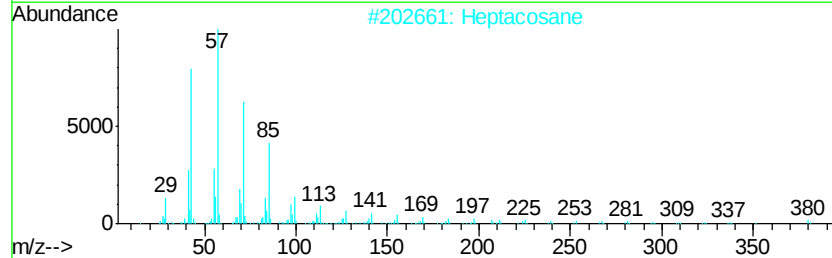
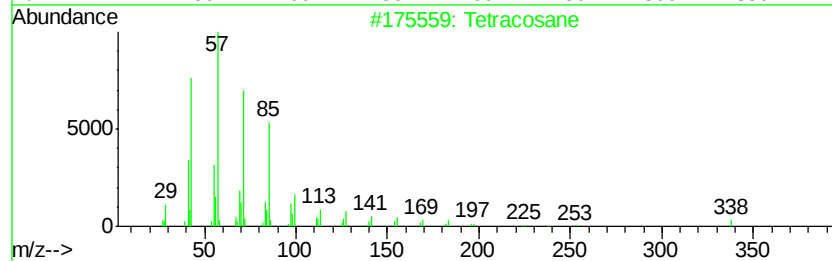
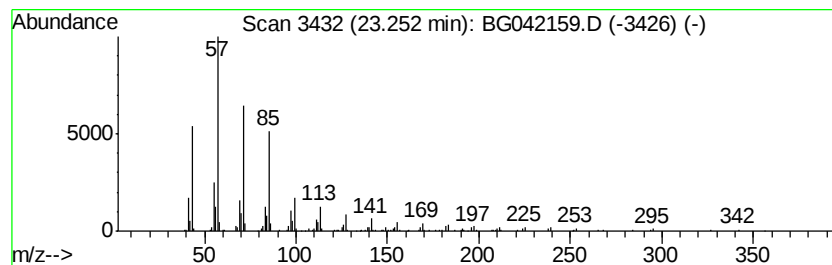
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	3.52 ng/ul	278019	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042159.D
Acq On : 12 Aug 2019 23:30
Operator : HP/JU
Sample : K4161-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD8

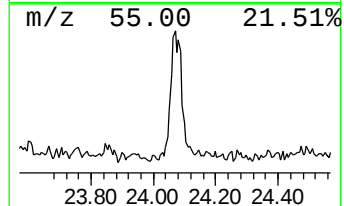
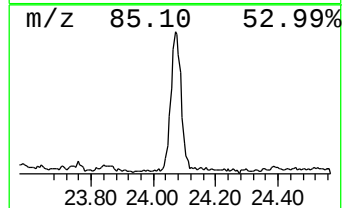
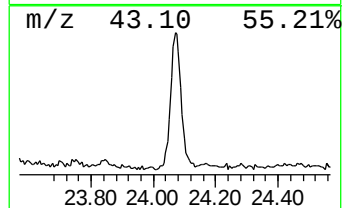
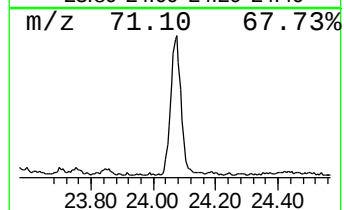
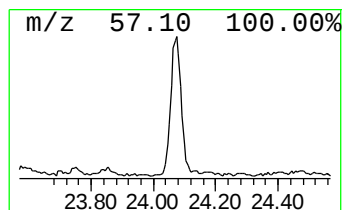
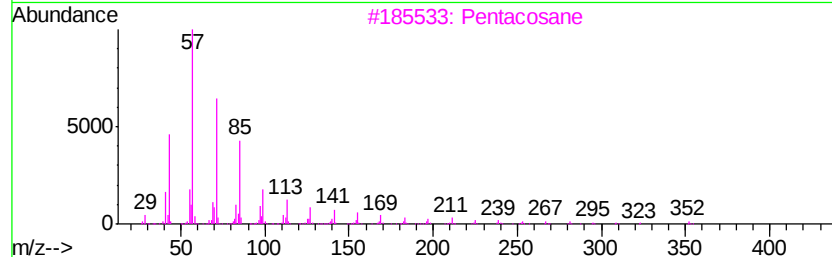
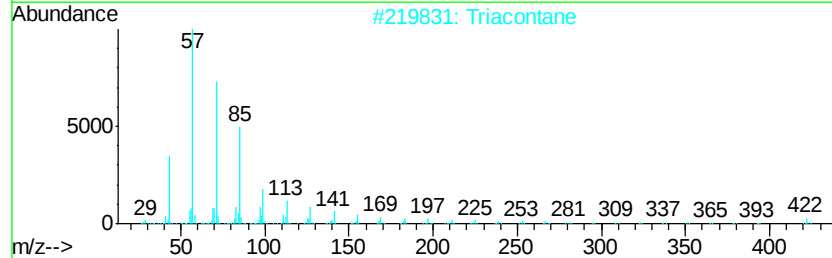
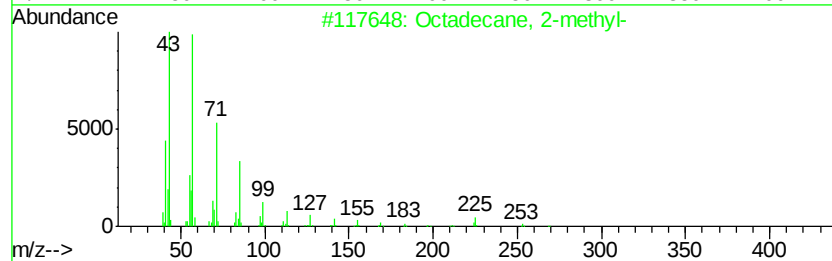
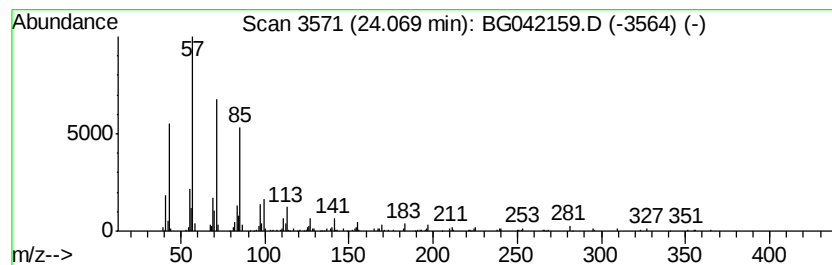
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Quant Title : SVOA CALIBRATION

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.
24.07	3.66 ng/ul	284685	Perylene-d12	24.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2			Triacontane	422	C30H62	000638-68-6	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042159.D
Acq On : 12 Aug 2019 23:30
Operator : HP/JU
Sample : K4161-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD8

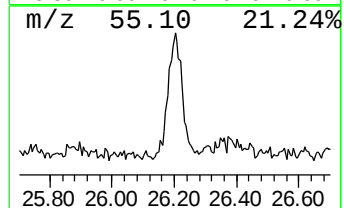
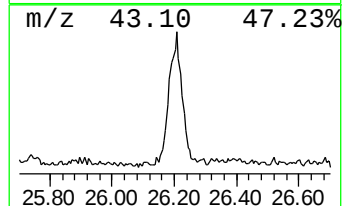
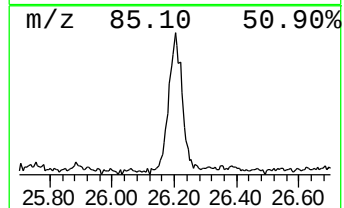
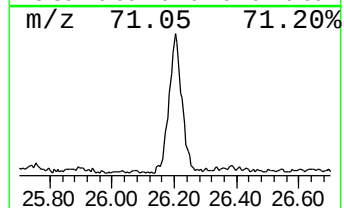
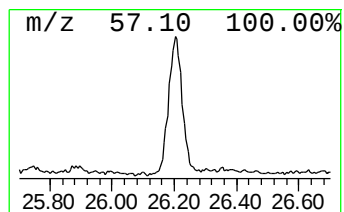
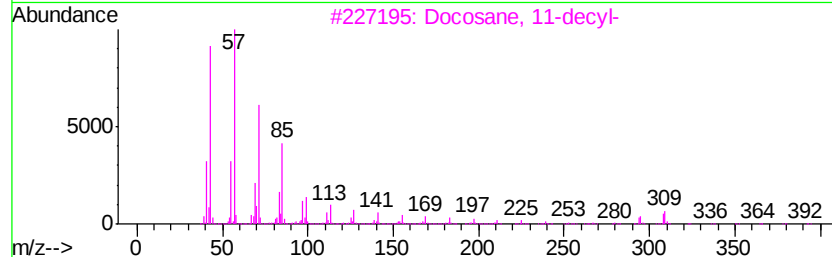
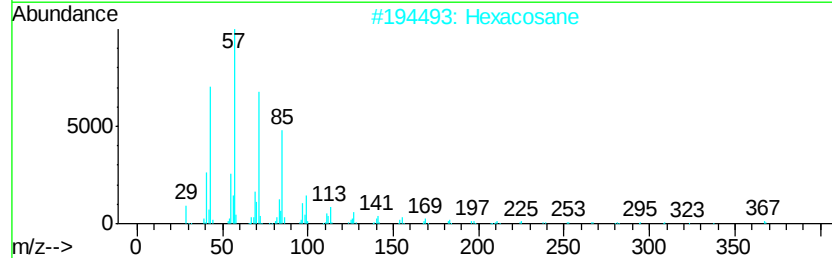
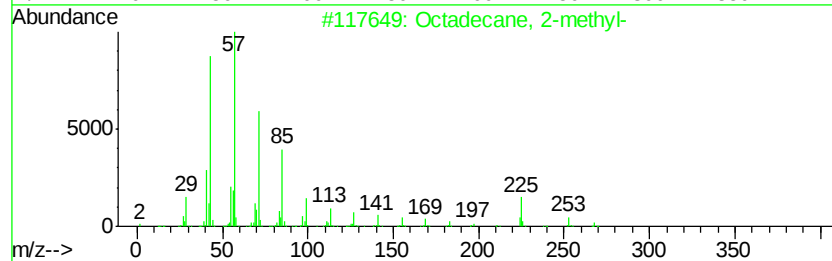
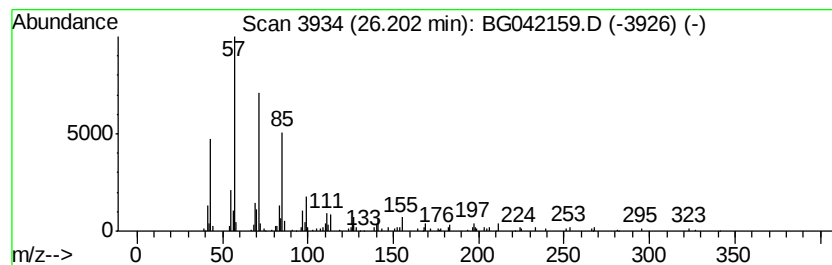
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Quant Title : SVOA CALIBRATION

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.
26.20	2.69 ng/ul	209237	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042159.D
Acq On : 12 Aug 2019 23:30
Operator : HP/JU
Sample : K4161-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD8

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...	3.14	63.8	ng/ul	1619450	1	8.02	507501	20.0
Heptacosane, 1-ch...	21.37	3.7	ng/ul	290911	5	21.72	1579830	20.0
(DEL) Alkane: Str...	21.92	2.7	ng/ul	216411	5	21.72	1579830	20.0
(DEL) Alkane: Str...	22.54	3.2	ng/ul	249972	5	21.72	1579830	20.0
(DEL) Alkane: Str...	23.25	3.5	ng/ul	278019	5	21.72	1579830	20.0
(DEL) Alkane: Str...	24.07	3.7	ng/ul	284685	6	24.99	1555540	20.0
(DEL) Alkane: Str...	26.20	2.7	ng/ul	209237	6	24.99	1555540	20.0