

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042146.D
 Acq On : 12 Aug 2019 15:09
 Operator : HP/JU
 Sample : K4161-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD9

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	3.142	4	9	35	rVB	1037257	1659385	62.66%	6.208%
2	3.406	50	54	64	rVB2	16851	29925	1.13%	0.112%
3	3.694	101	103	106	rBV	5042	6507	0.25%	0.024%
4	4.076	161	168	175	rBV3	6867	12387	0.47%	0.046%
5	4.170	181	184	191	rVB3	2903	5132	0.19%	0.019%
6	4.270	196	201	205	rBV6	3182	4599	0.17%	0.017%
7	4.623	260	261	266	rVB3	2268	2865	0.11%	0.011%
8	5.099	337	342	345	rVB3	2008	2741	0.10%	0.010%
9	6.391	557	562	571	rVB5	2895	5514	0.21%	0.021%
10	7.179	690	696	708	rBV2	73010	161796	6.11%	0.605%
11	7.343	717	724	736	rBV	207668	373351	14.10%	1.397%
12	7.555	752	760	773	rBV	256943	473462	17.88%	1.771%
13	8.025	832	840	850	rBV	285789	509575	19.24%	1.907%
14	8.736	952	961	972	rBV	211922	406425	15.35%	1.521%
15	9.188	1030	1038	1049	rBV	279399	514802	19.44%	1.926%
16	9.634	1109	1114	1117	rBV4	2575	4270	0.16%	0.016%
17	9.922	1154	1163	1175	rBV	247768	463684	17.51%	1.735%
18	10.340	1227	1234	1243	rBV3	9105	20981	0.79%	0.078%
19	10.469	1248	1256	1273	rBV	374587	773842	29.22%	2.895%
20	10.851	1311	1321	1333	rBV	413444	761314	28.75%	2.848%
21	10.986	1338	1344	1357	rVB3	19062	44558	1.68%	0.167%
22	12.443	1588	1592	1601	rVB4	6443	13361	0.50%	0.050%
23	13.301	1731	1738	1744	rBV3	1495	3282	0.12%	0.012%
24	13.583	1781	1786	1791	rBV3	3215	5039	0.19%	0.019%
25	14.082	1863	1871	1877	rBV	803713	1219638	46.06%	4.563%
26	14.129	1877	1879	1890	rVB	56852	77866	2.94%	0.291%
27	14.376	1912	1921	1935	rBV	981255	1551506	58.59%	5.805%
28	14.587	1953	1957	1962	rVB2	2131	2812	0.11%	0.011%
29	14.687	1962	1974	1983	rBV	716143	1148329	43.36%	4.296%
30	14.887	2001	2008	2020	rBV3	44372	113075	4.27%	0.423%
31	15.486	2104	2110	2111	rBV2	1966	2786	0.11%	0.010%
32	15.680	2134	2143	2156	rBV	1251678	1976298	74.63%	7.394%
33	15.792	2156	2162	2178	rVV	293697	488793	18.46%	1.829%
34	15.921	2178	2184	2189	rVB2	13511	23580	0.89%	0.088%

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35	16.039	2200	2204	2210	rVB5	2481	4640	0.18%	0.017%
36	16.368	2257	2260	2264	rBV2	9533	16434	0.62%	0.061%
37	16.468	2271	2277	2281	rVB4	6331	9638	0.36%	0.036%
38	16.620	2301	2303	2308	rVB5	2389	3299	0.12%	0.012%
39	16.885	2345	2348	2353	rVB4	9842	12121	0.46%	0.045%
40	17.032	2367	2373	2380	rBV4	11088	16410	0.62%	0.061%
41	17.114	2384	2387	2389	rBV3	2325	2819	0.11%	0.011%
42	17.196	2397	2401	2403	rBV3	3124	4310	0.16%	0.016%
43	17.355	2425	2428	2432	rVB4	2457	3770	0.14%	0.014%
44	17.437	2435	2442	2452	rVV	925979	1380431	52.13%	5.165%
45	17.537	2452	2459	2473	rVB	1361978	2111714	79.74%	7.901%
46	17.666	2478	2481	2486	rVB5	1551	2868	0.11%	0.011%
47	17.801	2500	2504	2505	rBV2	3362	3880	0.15%	0.015%
48	18.330	2589	2594	2602	rBV2	36515	67757	2.56%	0.254%
49	18.395	2602	2605	2610	rVV4	6385	10486	0.40%	0.039%
50	18.583	2635	2637	2638	rVV2	3254	3380	0.13%	0.013%
51	18.612	2638	2642	2647	rVV	38775	60389	2.28%	0.226%
52	18.671	2647	2652	2660	rVB5	8951	18234	0.69%	0.068%
53	19.247	2747	2750	2756	rVB3	11889	16765	0.63%	0.063%
54	19.458	2781	2786	2793	rBV	24748	41800	1.58%	0.156%
55	19.517	2795	2796	2801	rVB4	4007	2987	0.11%	0.011%
56	19.599	2806	2810	2814	rBV5	14519	21499	0.81%	0.080%
57	19.711	2823	2829	2833	rBV	16685	26599	1.00%	0.100%
58	19.758	2833	2837	2841	rVB6	4863	7615	0.29%	0.028%
59	19.823	2841	2848	2861	rBV	1734504	2648213	100.00%	9.908%
60	20.046	2883	2886	2890	rBV7	4823	7771	0.29%	0.029%
61	20.357	2935	2939	2943	rBV	43548	48122	1.82%	0.180%
62	20.674	2991	2993	2994	rVB2	6037	2891	0.11%	0.011%
63	20.716	2997	3000	3007	rVB8	14451	25290	0.95%	0.095%
64	20.851	3019	3023	3027	rBV2	67110	82119	3.10%	0.307%
65	21.368	3106	3111	3119	rBV	117418	189918	7.17%	0.711%
66	21.720	3164	3171	3178	rBV	955720	1612944	60.91%	6.035%
67	21.920	3200	3205	3211	rBV	111524	165403	6.25%	0.619%
68	22.543	3305	3311	3318	rBV	115899	199546	7.54%	0.747%
69	23.248	3425	3431	3438	rVB	119739	235430	8.89%	0.881%
70	23.442	3459	3464	3470	rVB2	35621	65042	2.46%	0.243%
71	24.076	3565	3572	3583	rVB	113082	252233	9.52%	0.944%

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72	24.764	3678	3689	3704	rBV	887092	2629773	99.30%	9.839%
73	24.987	3716	3727	3735	rBV2	533477	1641625	61.99%	6.142%
74	26.209	3926	3935	3944	rVB3	68985	208262	7.86%	0.779%

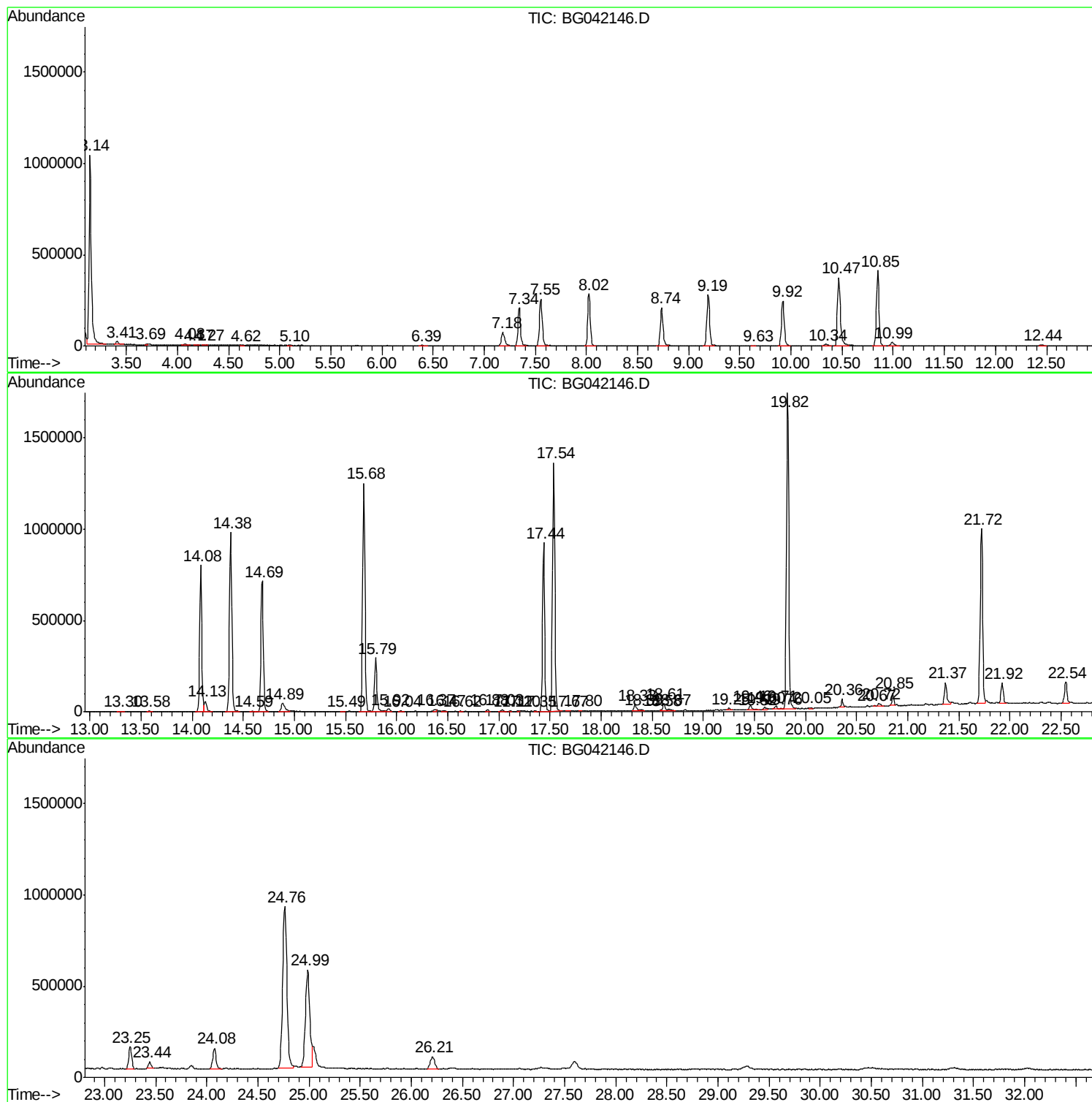
Sum of corrected areas: 26727907

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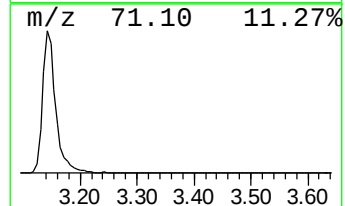
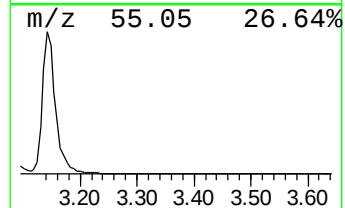
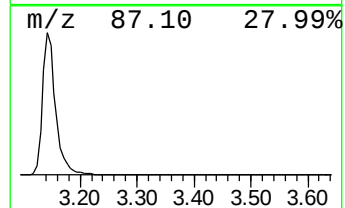
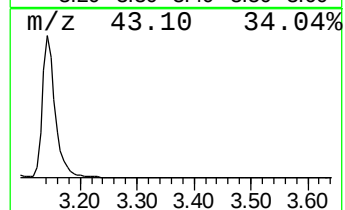
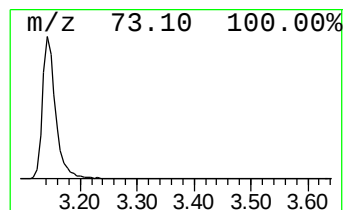
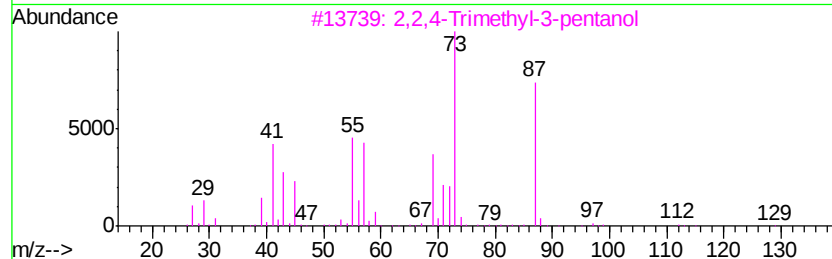
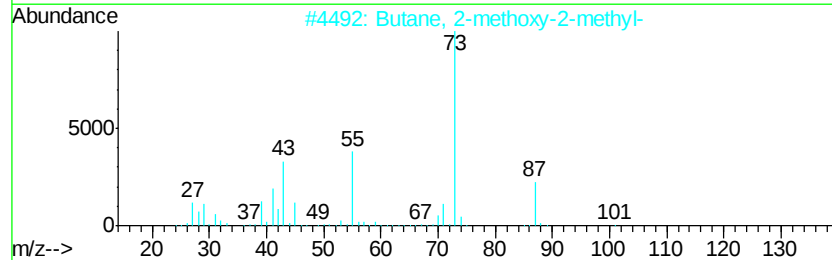
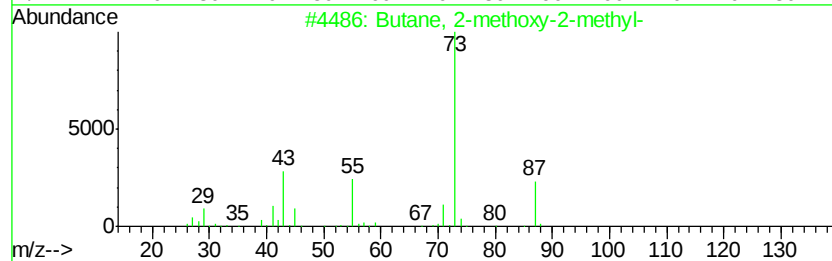
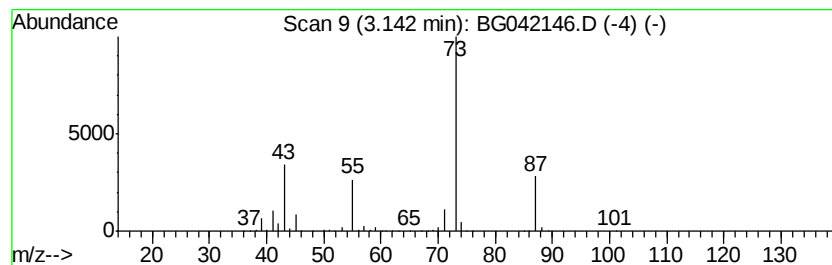
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	65.13 ng/ul	1659390	1,4-Dichlorobenzene-d4	8.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	39	
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23	
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9	



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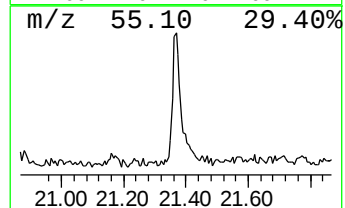
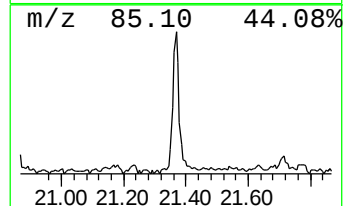
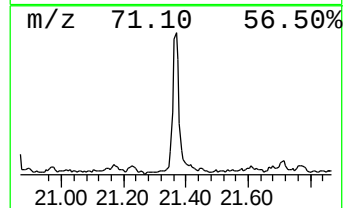
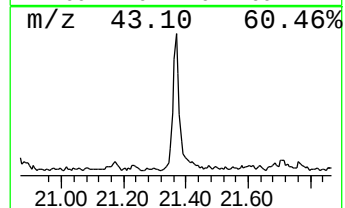
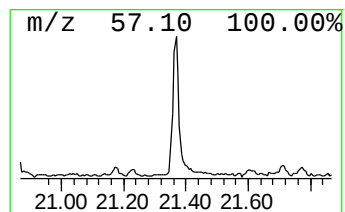
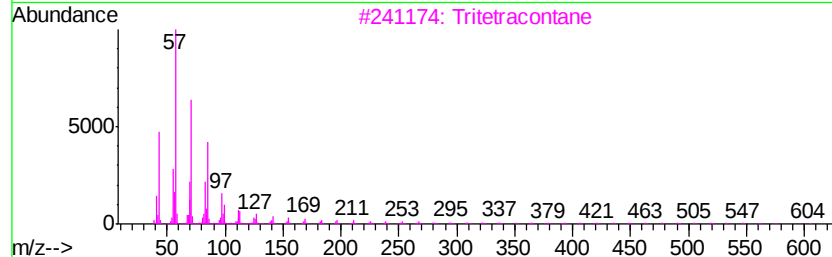
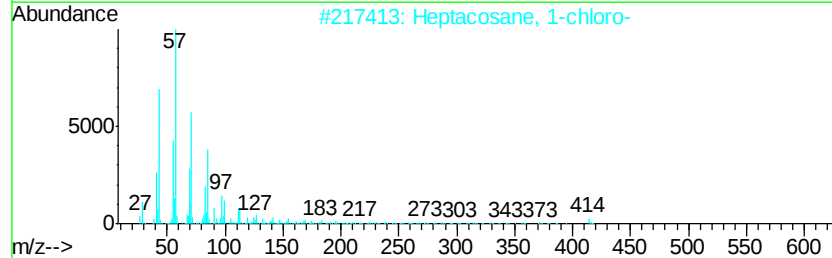
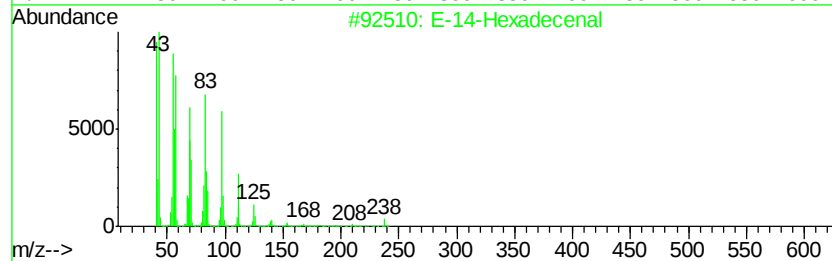
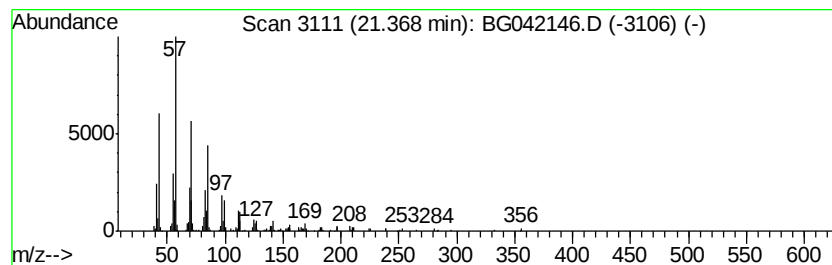
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 E-14-Hexadecenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.35 ng/ul	189918	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91



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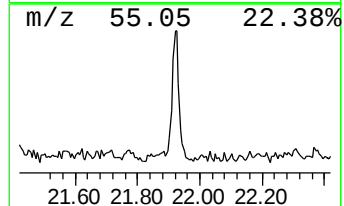
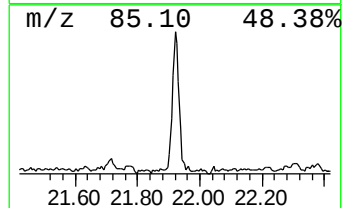
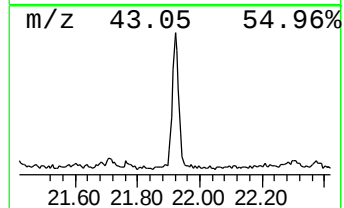
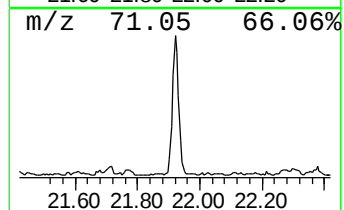
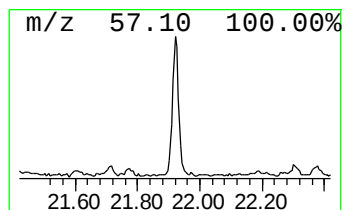
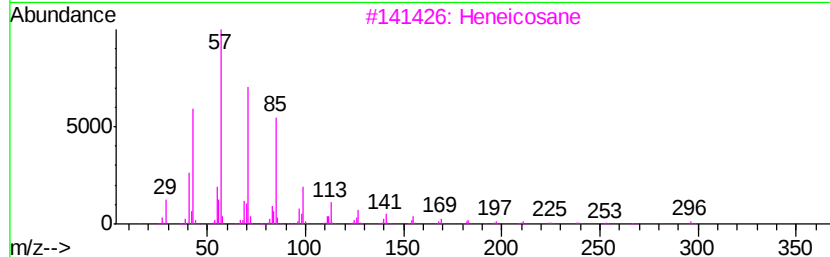
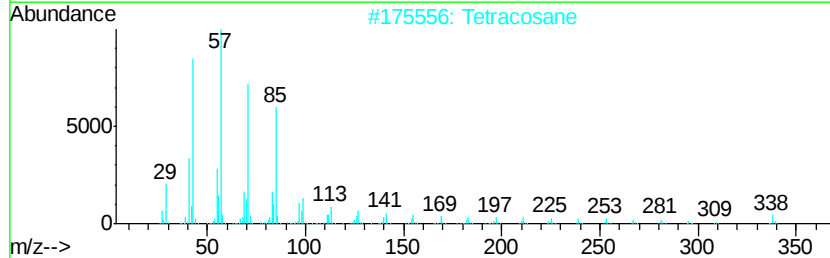
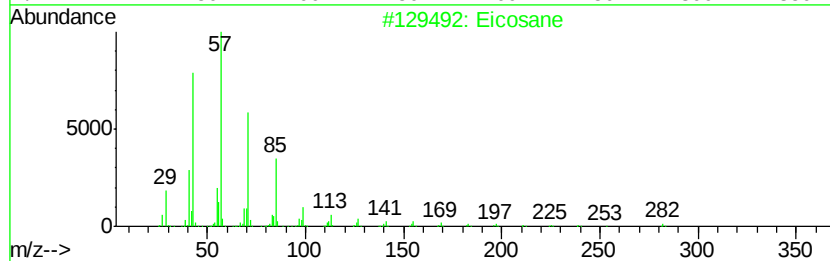
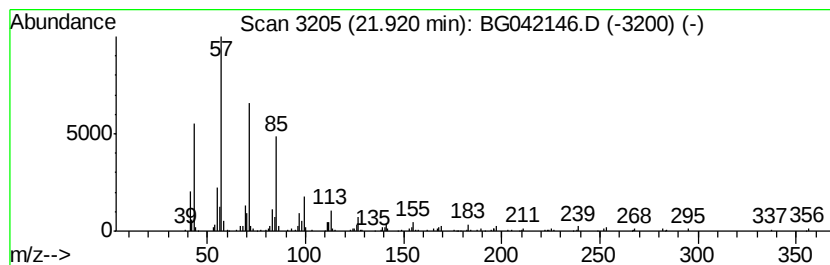
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.05 ng/ul	165403	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane	240	C17H36	000629-78-7	90



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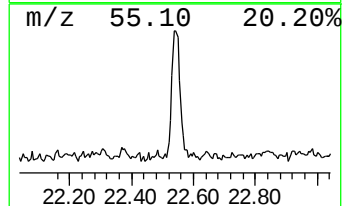
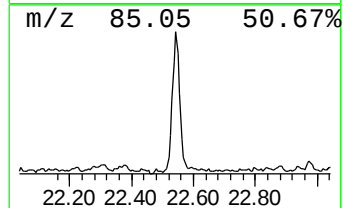
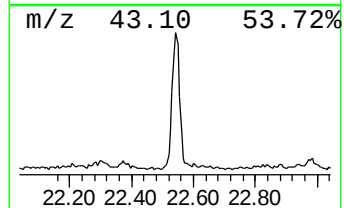
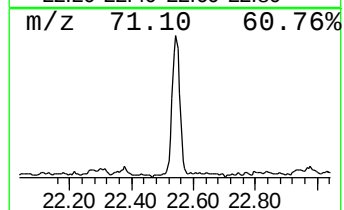
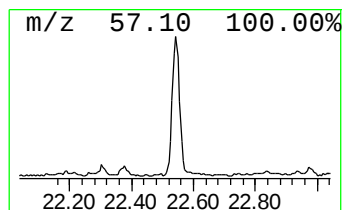
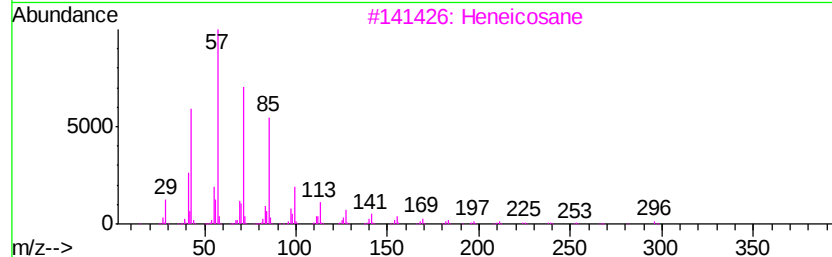
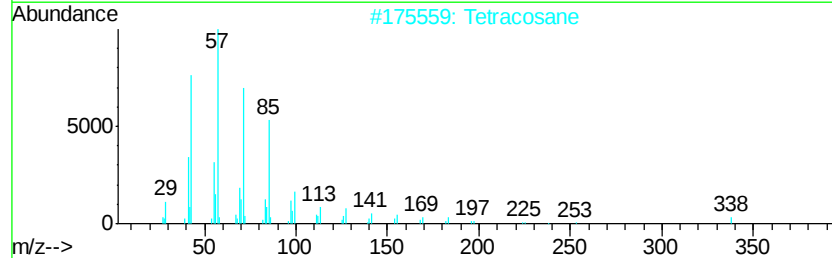
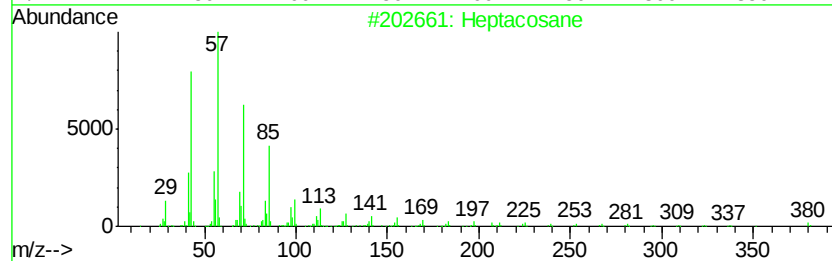
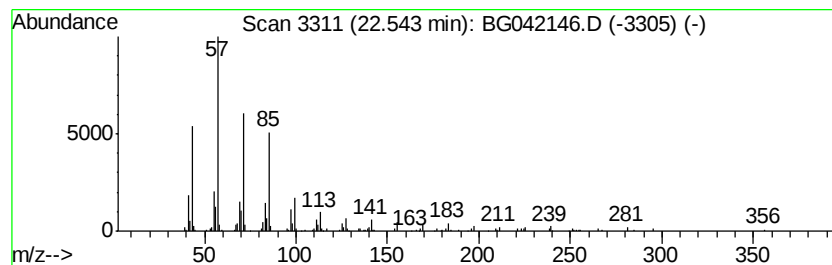
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Quant Title : SVOA CALIBRATION

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	2.47 ng/ul	199546	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042146.D
Acq On : 12 Aug 2019 15:09
Operator : HP/JU
Sample : K4161-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD9

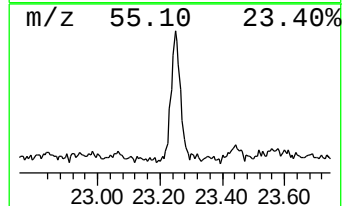
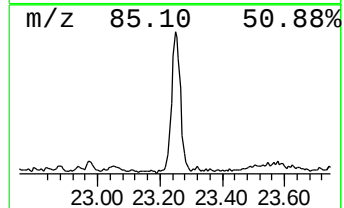
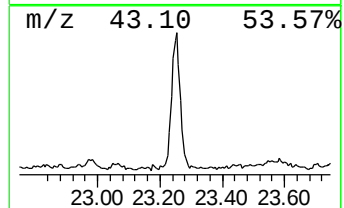
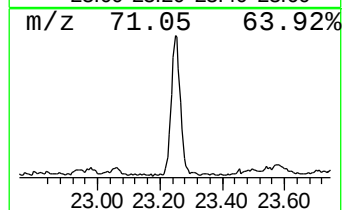
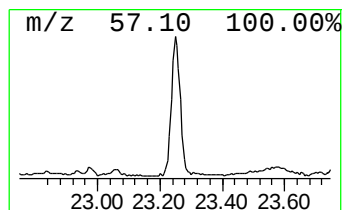
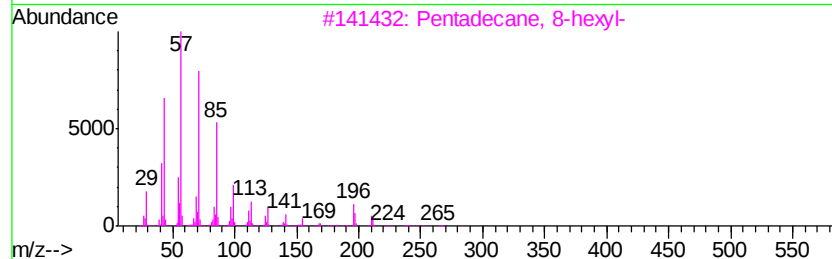
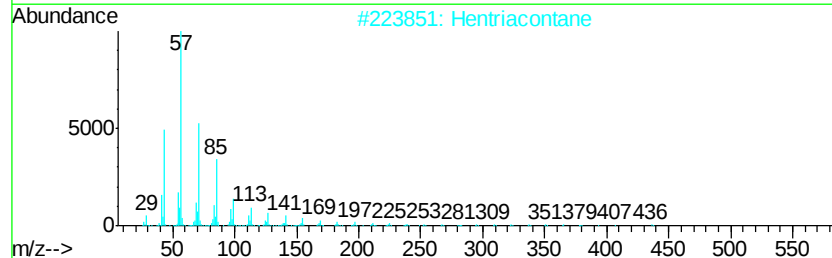
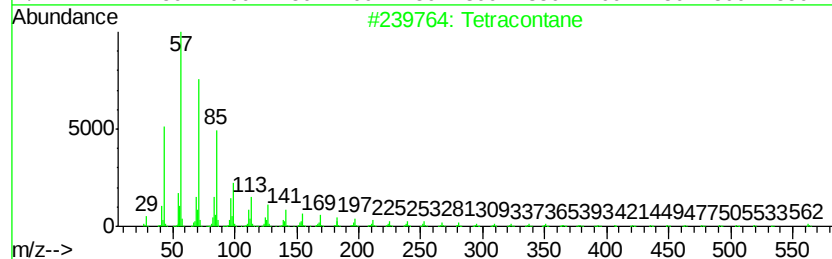
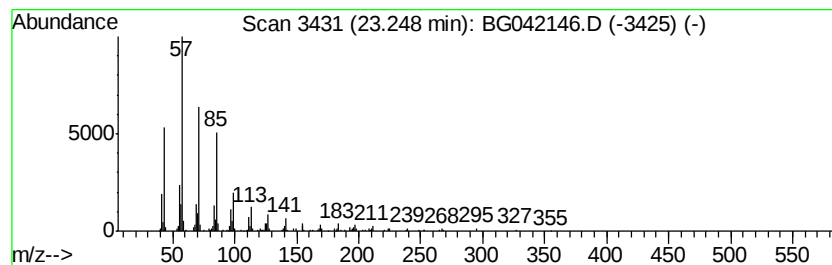
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.92 ng/ul	235430	Chrysene-d12	21.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracontane	563	C40H82	004181-95-7	91
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042146.D
Acq On : 12 Aug 2019 15:09
Operator : HP/JU
Sample : K4161-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD9

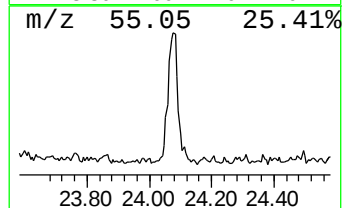
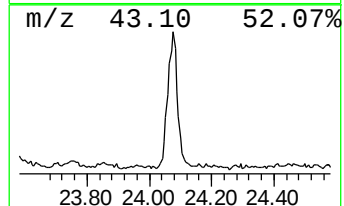
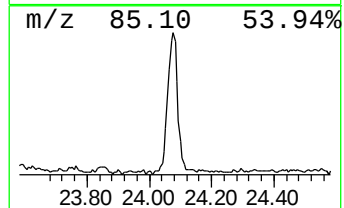
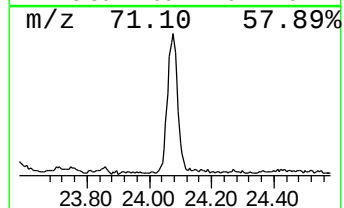
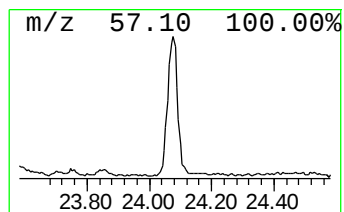
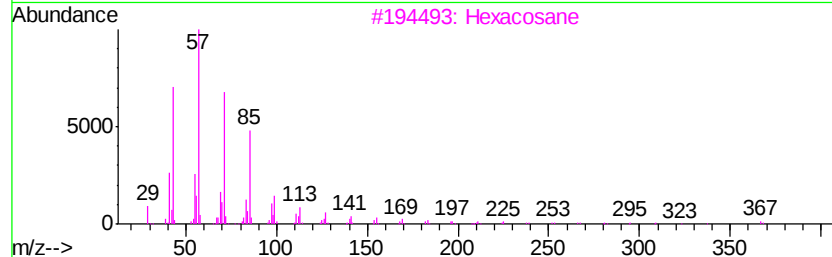
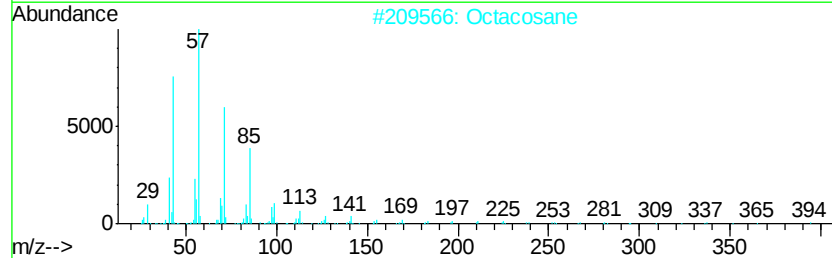
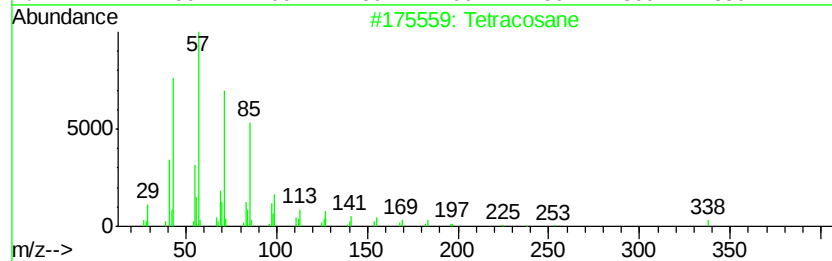
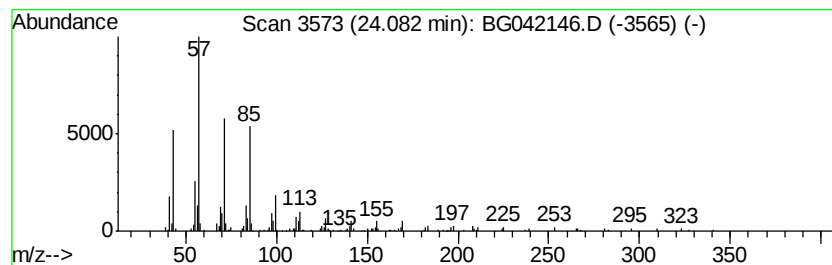
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.07 ng/ul	252233	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		triacontane	422	C30H62	000638-68-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042146.D
 Acq On : 12 Aug 2019 15:09
 Operator : HP/JU
 Sample : K4161-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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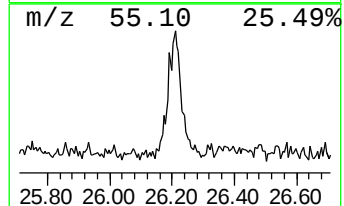
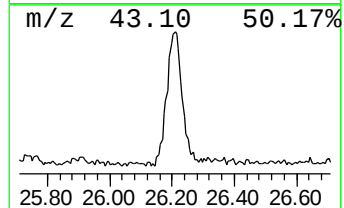
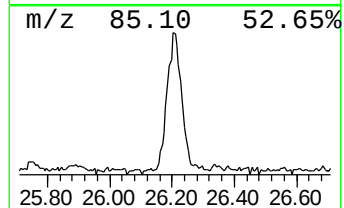
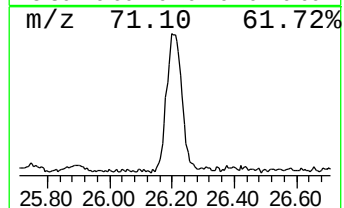
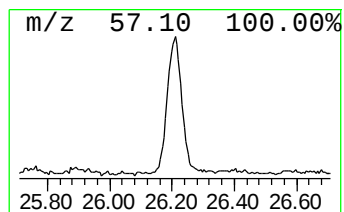
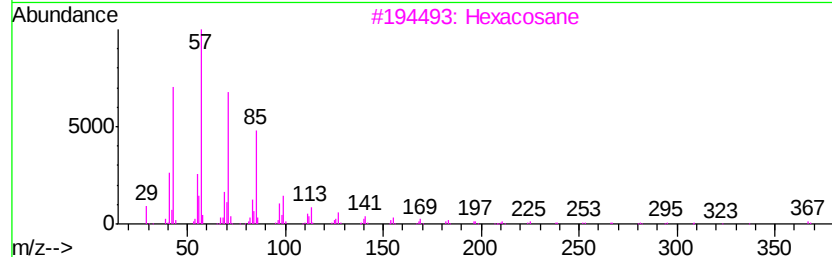
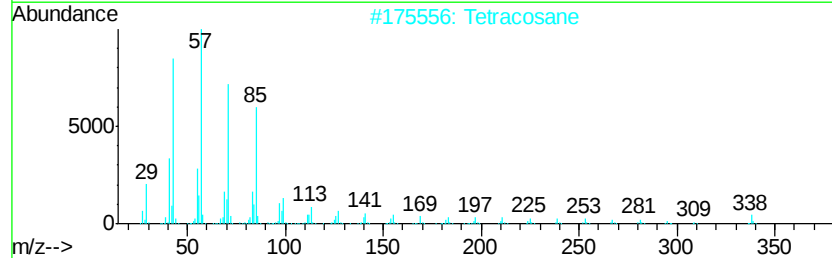
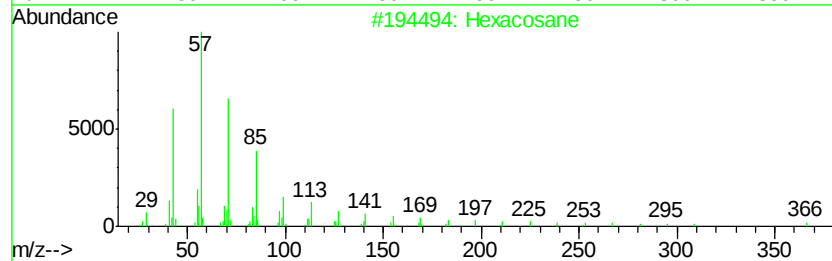
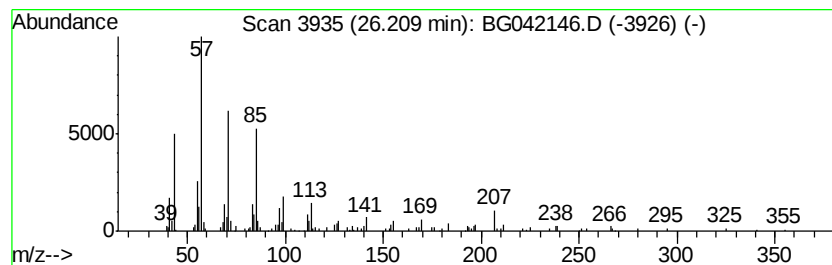
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	2.54 ng/ul	208262	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Tetracosane	338	C24H50	000646-31-1	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042146.D
Acq On : 12 Aug 2019 15:09
Operator : HP/JU
Sample : K4161-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD9

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	65.1	ng/ul	1659390	1	8.02	509575	20.0
E-14-Hexadecenal	21.37	2.4	ng/ul	189918	5	21.72	1612940	20.0
(DEL) Alkane: Str...	21.92	2.0	ng/ul	165403	5	21.72	1612940	20.0
(DEL) Alkane: Str...	22.54	2.5	ng/ul	199546	5	21.72	1612940	20.0
(DEL) Alkane: Str...	23.25	2.9	ng/ul	235430	5	21.72	1612940	20.0
(DEL) Alkane: Str...	24.08	3.1	ng/ul	252233	6	24.99	1641630	20.0
(DEL) Alkane: Str...	26.21	2.5	ng/ul	208262	6	24.99	1641630	20.0