

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042067.D
 Acq On : 8 Aug 2019 14:46
 Operator : HP/JU
 Sample : K4149-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN7

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	3.143	5	9	27	rVB	596629	967029	40.11%	4.189%
2	3.413	51	55	61	rVB2	11441	18721	0.78%	0.081%
3	4.077	162	168	171	rBV5	3671	6673	0.28%	0.029%
4	4.177	181	185	189	rVB4	2193	3521	0.15%	0.015%
5	7.173	689	695	707	rBV2	66653	160109	6.64%	0.694%
6	7.344	715	724	737	rBV	183383	329849	13.68%	1.429%
7	7.555	753	760	772	rBV	227515	413103	17.13%	1.790%
8	8.025	832	840	847	rBV	229856	402380	16.69%	1.743%
9	8.730	953	960	971	rBV2	188217	349338	14.49%	1.513%
10	9.189	1031	1038	1049	rBV	252192	461473	19.14%	1.999%
11	9.641	1110	1115	1121	rVB3	3181	4877	0.20%	0.021%
12	9.917	1155	1162	1174	rBV	220189	409687	16.99%	1.775%
13	10.346	1230	1235	1240	rBV	3879	6763	0.28%	0.029%
14	10.464	1247	1255	1274	rBV	331553	668901	27.74%	2.898%
15	10.851	1312	1321	1332	rBV	326646	601591	24.95%	2.606%
16	10.987	1337	1344	1352	rBV2	23206	46894	1.94%	0.203%
17	11.509	1428	1433	1436	rBV2	1892	3176	0.13%	0.014%
18	12.444	1586	1592	1596	rBV3	6112	11249	0.47%	0.049%
19	13.313	1735	1740	1745	rVB3	1689	3332	0.14%	0.014%
20	13.525	1770	1776	1782	rBV2	4968	8196	0.34%	0.036%
21	14.083	1862	1871	1877	rBV	731896	1090135	45.21%	4.723%
22	14.130	1877	1879	1886	rVB2	25739	34387	1.43%	0.149%
23	14.377	1914	1921	1937	rBV	881610	1373217	56.95%	5.949%
24	14.594	1955	1958	1961	rVB3	2464	2654	0.11%	0.011%
25	14.688	1967	1974	1982	rVV	562465	910273	37.75%	3.943%
26	14.876	2000	2006	2024	rBV3	47464	119476	4.96%	0.518%
27	15.088	2040	2042	2048	rVB5	1832	2573	0.11%	0.011%
28	15.540	2115	2119	2123	rBV	3421	3929	0.16%	0.017%
29	15.681	2136	2143	2156	rBV	1117397	1732675	71.86%	7.506%
30	15.793	2156	2162	2175	rBV	275207	451084	18.71%	1.954%
31	15.922	2180	2184	2191	rVB2	13417	20784	0.86%	0.090%
32	16.339	2252	2255	2261	rVB5	1466	2603	0.11%	0.011%
33	16.404	2261	2266	2270	rVV5	3603	6415	0.27%	0.028%
34	16.468	2272	2277	2282	rVB6	5835	10004	0.41%	0.043%

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35	17.203	2394	2402	2405	rBV4	3804	8262	0.34%	0.036%
36	17.438	2435	2442	2451	rBV	732304	1114313	46.21%	4.827%
37	17.538	2452	2459	2471	rVV	1251106	1894354	78.56%	8.207%
38	17.937	2522	2527	2532	rBV2	4547	6640	0.28%	0.029%
39	18.331	2589	2594	2604	rBV3	26404	56727	2.35%	0.246%
40	18.396	2604	2605	2608	rVB3	3328	2836	0.12%	0.012%
41	18.625	2640	2644	2649	rBV3	6825	11090	0.46%	0.048%
42	19.253	2746	2751	2757	rVB	18200	21960	0.91%	0.095%
43	19.459	2781	2786	2791	rBV	24486	37298	1.55%	0.162%
44	19.494	2791	2792	2798	rVB5	3919	5179	0.21%	0.022%
45	19.600	2806	2810	2818	rBV7	8672	21427	0.89%	0.093%
46	19.712	2823	2829	2832	rBV	13074	17838	0.74%	0.077%
47	19.753	2834	2836	2841	rVB3	5702	6259	0.26%	0.027%
48	19.823	2841	2848	2854	rBV2	1565504	2312145	95.89%	10.017%
49	20.052	2885	2887	2890	rBV3	4077	3062	0.13%	0.013%
50	20.358	2936	2939	2943	rVB	50830	56083	2.33%	0.243%
51	20.716	2996	3000	3007	rBV9	20379	34059	1.41%	0.148%
52	20.857	3018	3024	3028	rBV2	85390	110985	4.60%	0.481%
53	21.369	3106	3111	3118	rBV	135605	217810	9.03%	0.944%
54	21.609	3149	3152	3154	rBV3	9009	10086	0.42%	0.044%
55	21.715	3164	3170	3178	rBV	757921	1258140	52.18%	5.451%
56	21.927	3201	3206	3213	rVB	121415	173377	7.19%	0.751%
57	22.544	3306	3311	3318	rBV	122796	210686	8.74%	0.913%
58	23.255	3426	3432	3442	rVB	126513	247109	10.25%	1.071%
59	23.848	3529	3533	3542	rVB9	19007	40706	1.69%	0.176%
60	24.083	3566	3573	3586	rVB	114706	264707	10.98%	1.147%
61	24.765	3677	3689	3706	rVB	825700	2411215	100.00%	10.446%
62	24.982	3716	3726	3734	rBV2	463029	1360527	56.42%	5.894%
63	25.052	3735	3738	3750	rVB2	95391	207933	8.62%	0.901%
64	26.216	3928	3936	3946	rVB3	64164	182458	7.57%	0.790%
65	27.608	4166	4173	4185	rVB5	40868	140647	5.83%	0.609%

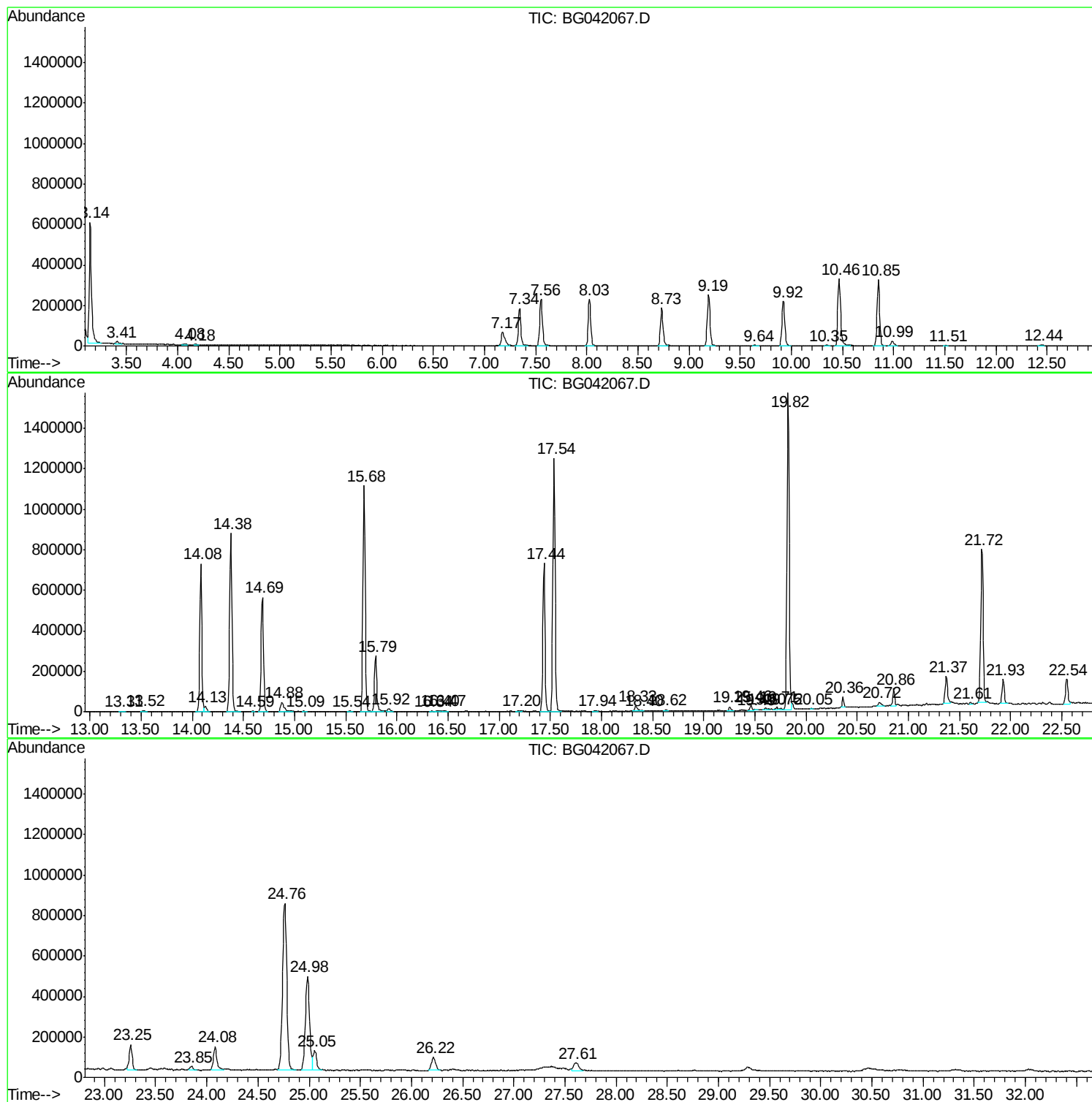
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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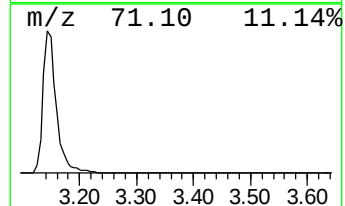
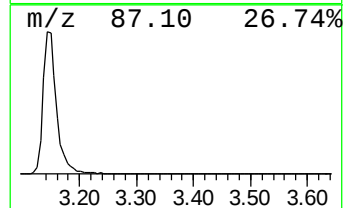
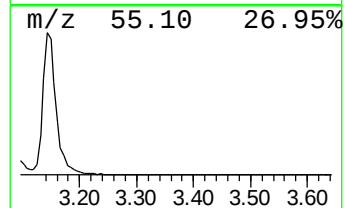
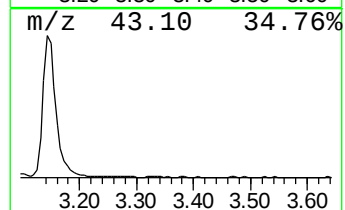
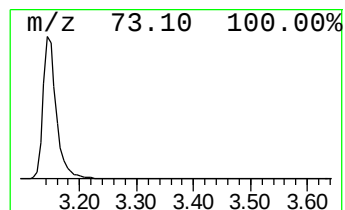
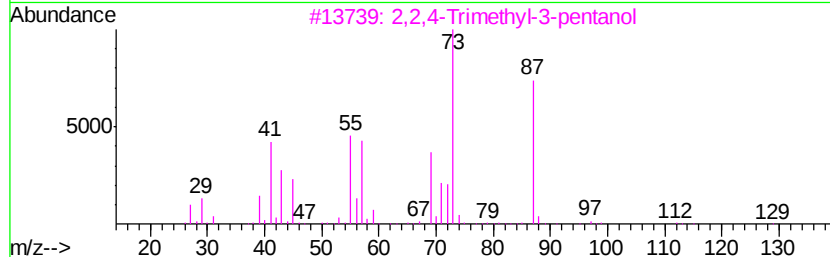
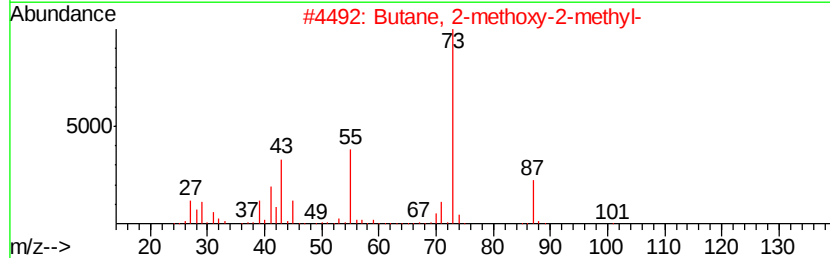
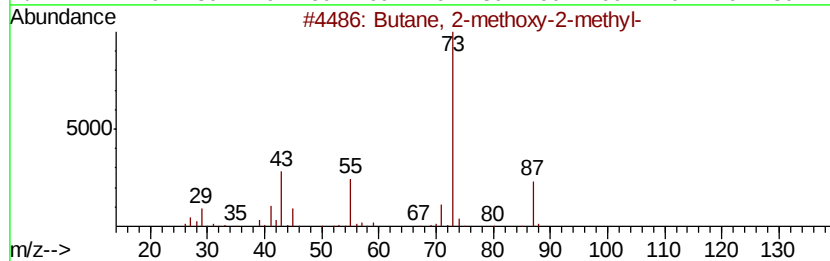
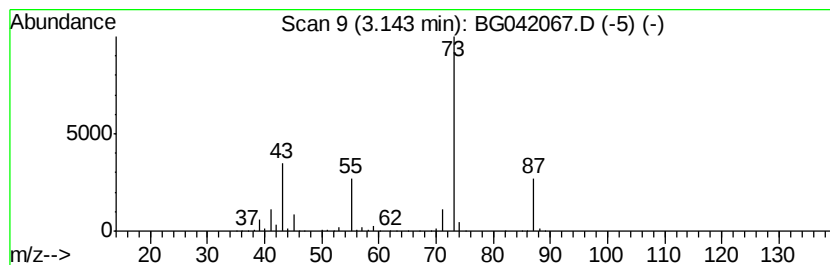
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	48.07 ng/ul	967029	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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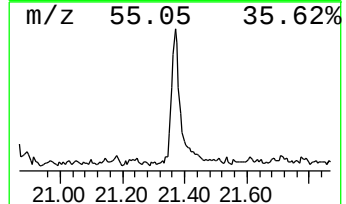
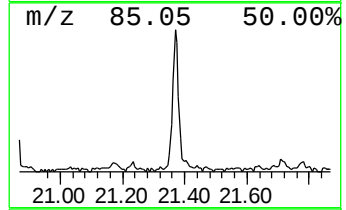
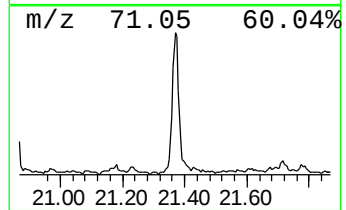
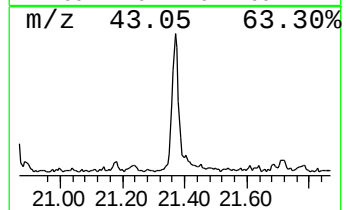
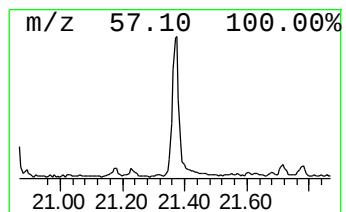
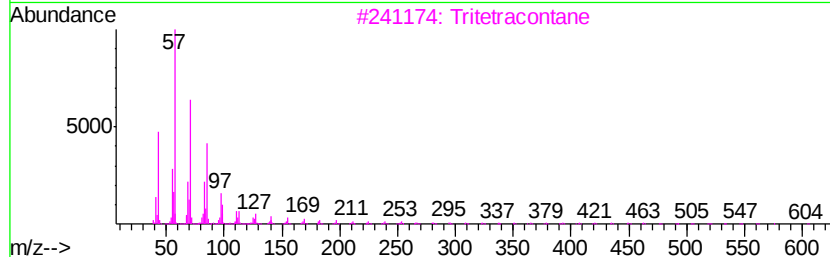
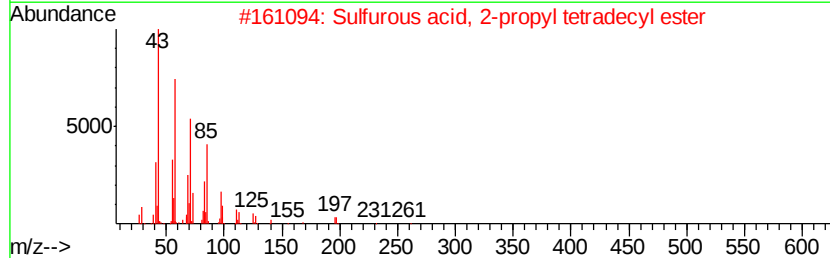
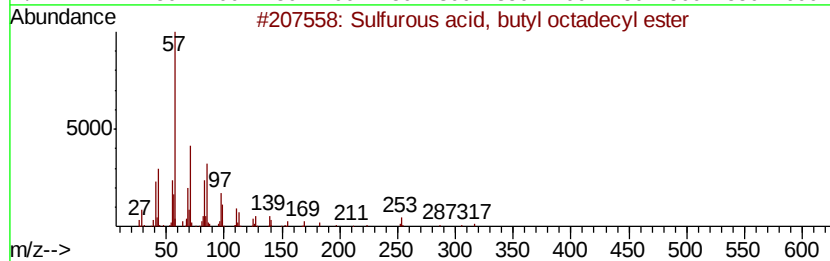
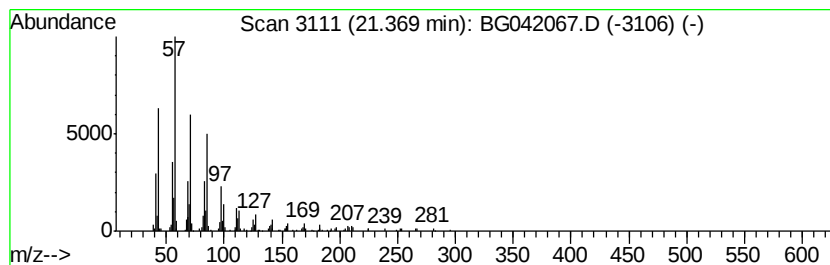
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Sulfurous acid, butyl octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.46 ng/ul	217810	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
2		Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	91
3		Tritetracontane	605	C43H88	007098-21-7	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



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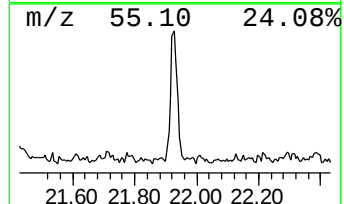
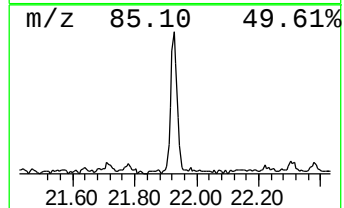
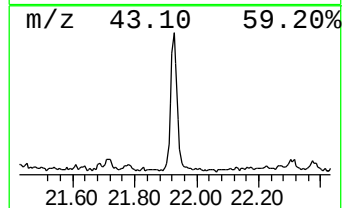
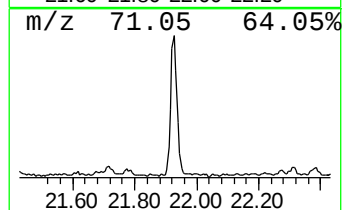
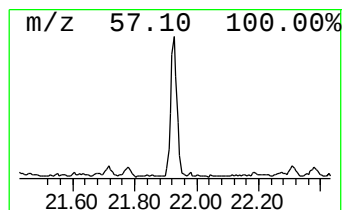
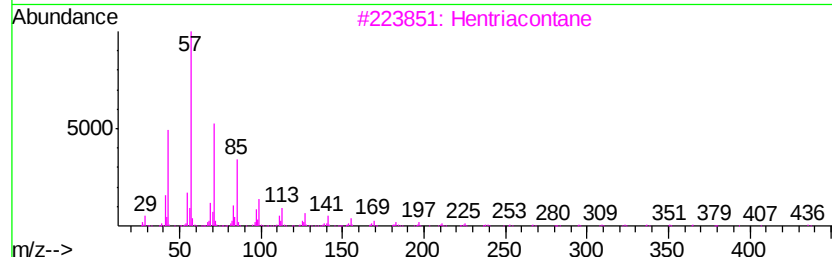
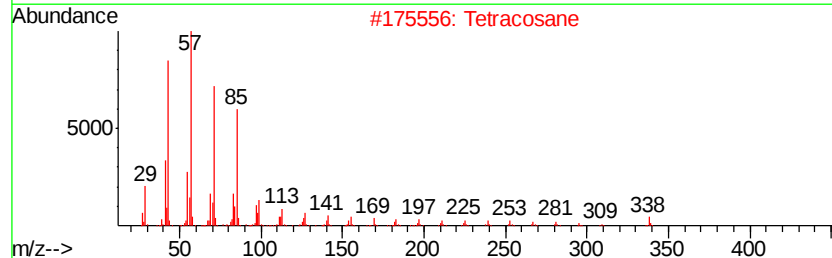
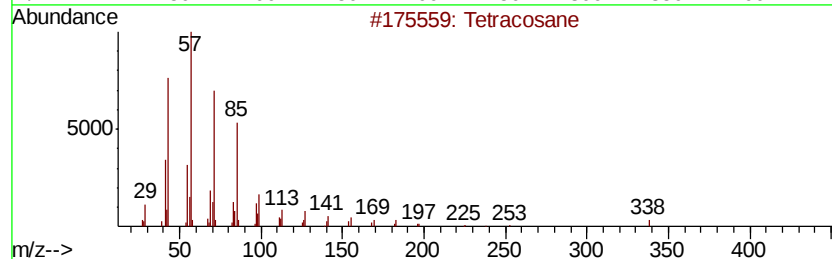
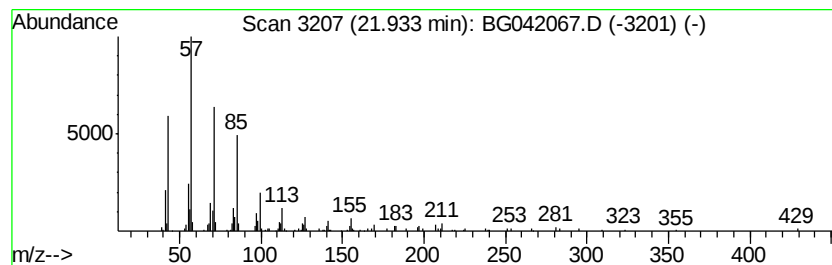
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.76 ng/ul	173377	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Docosane	310	C22H46	000629-97-0	87
5		Heneicosane	296	C21H44	000629-94-7	87



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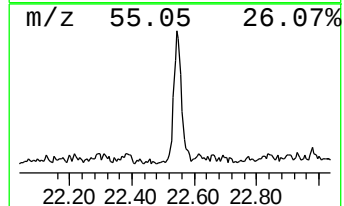
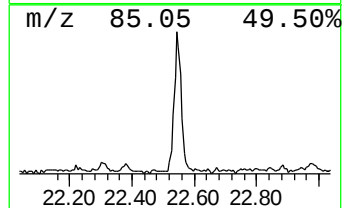
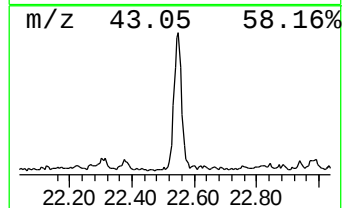
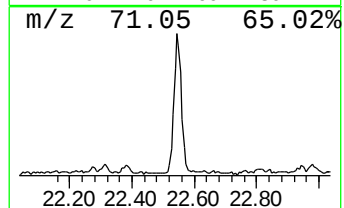
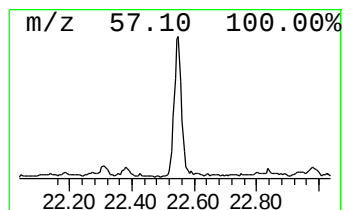
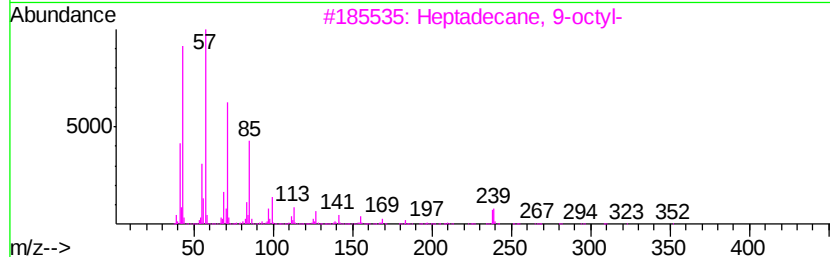
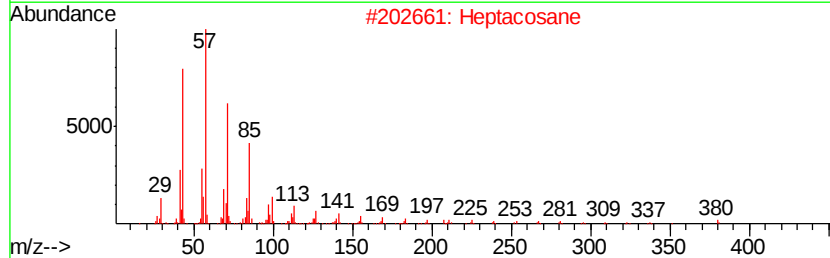
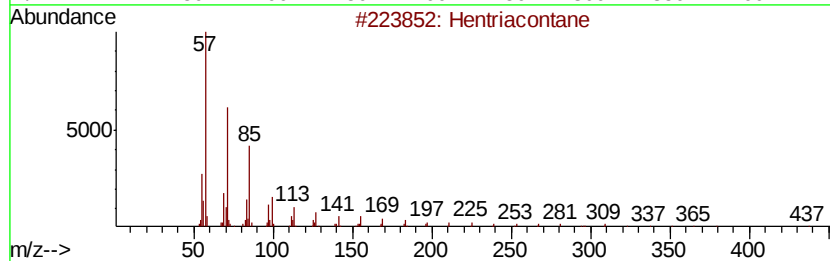
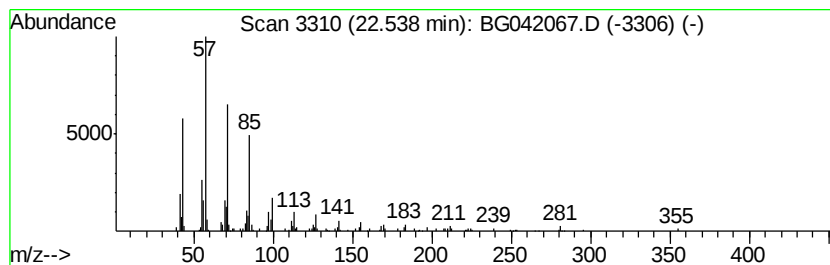
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.35 ng/ul	210686	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



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C0AN7

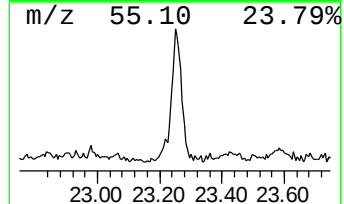
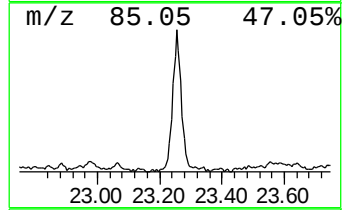
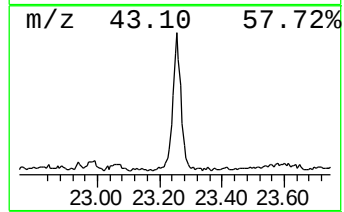
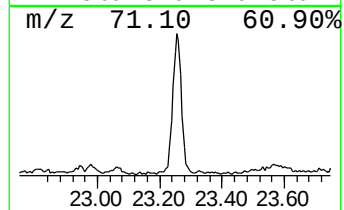
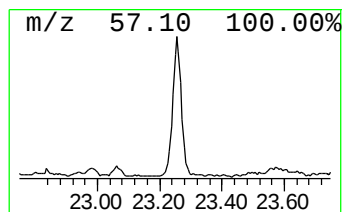
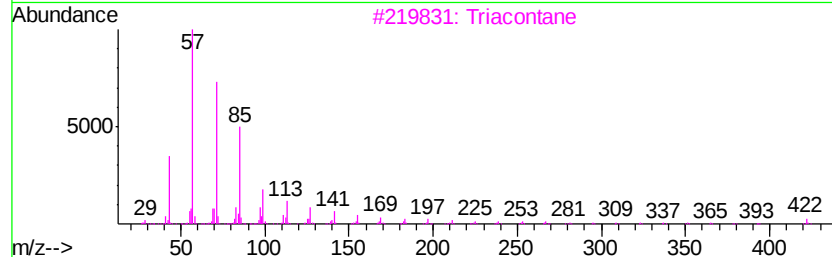
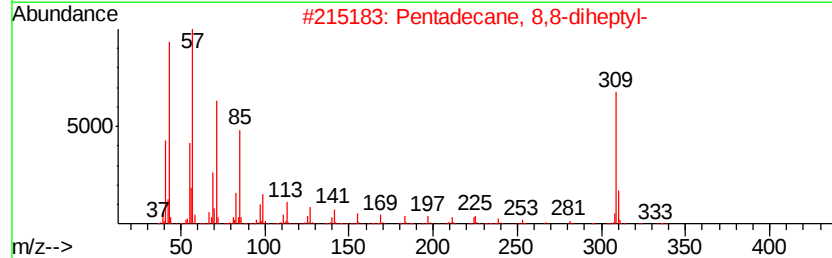
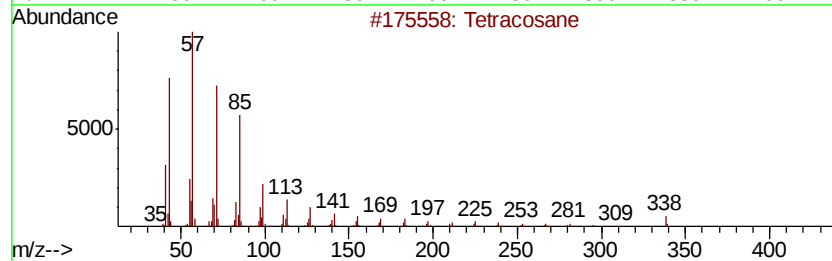
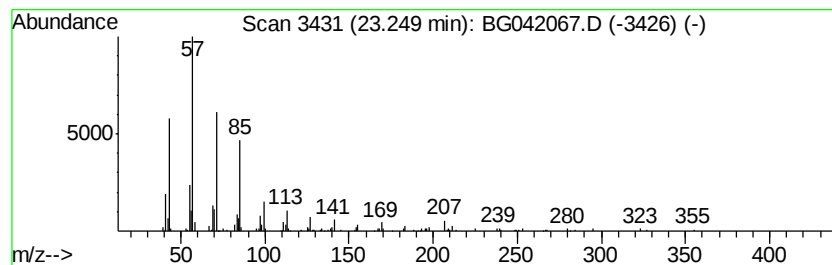
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Quant Title : SVOA CALIBRATION

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.
23.25	3.93 ng/ul	247109	Chrysene-d12	21.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042067.D
Acq On : 8 Aug 2019 14:46
Operator : HP/JU
Sample : K4149-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN7

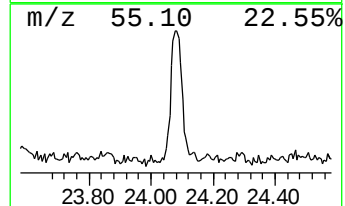
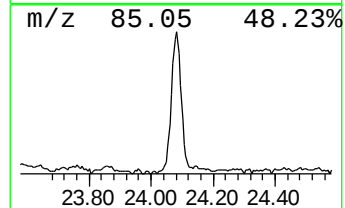
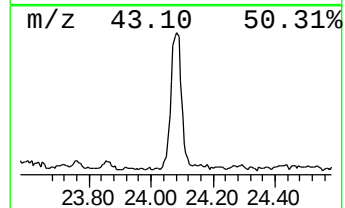
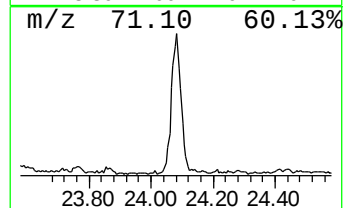
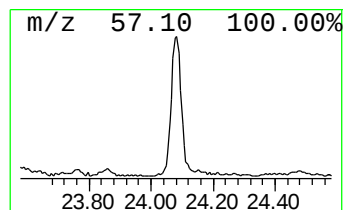
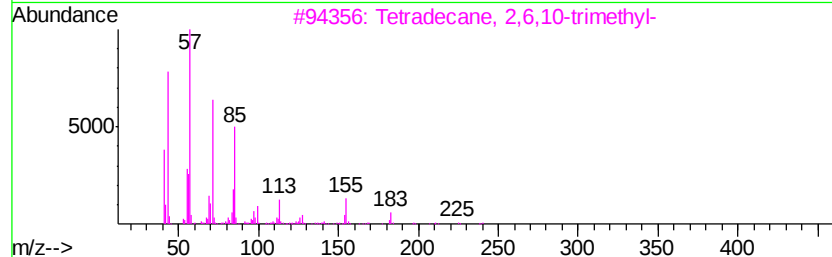
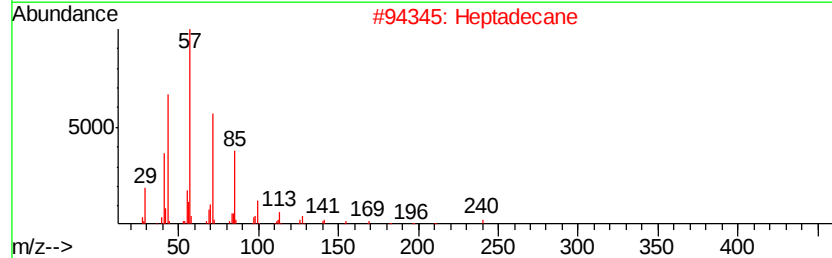
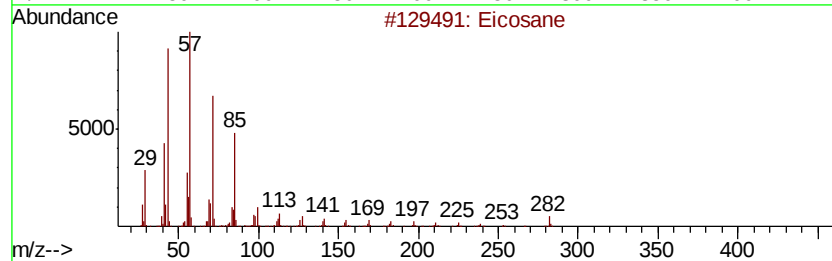
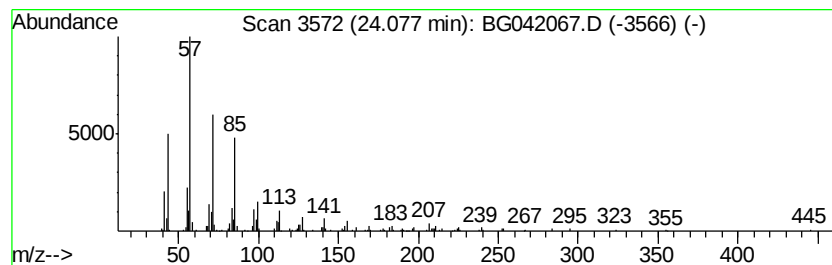
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Quant Title : SVOA CALIBRATION

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.
24.08	3.89 ng/ul	264707	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane	240	C17H36	000629-78-7	95
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042067.D
Acq On : 8 Aug 2019 14:46
Operator : HP/JU
Sample : K4149-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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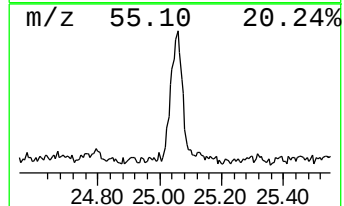
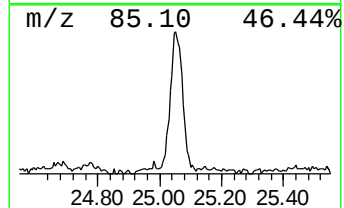
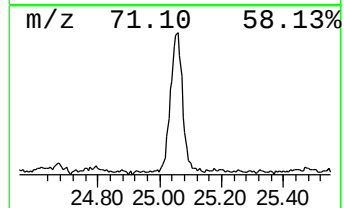
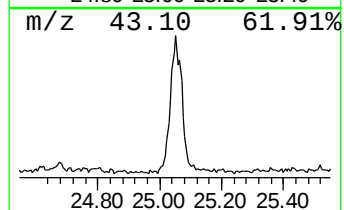
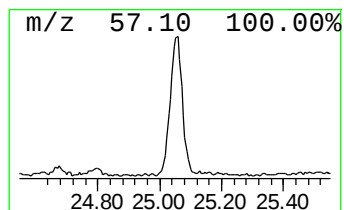
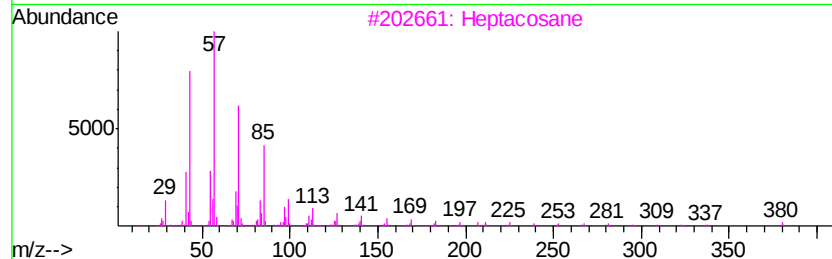
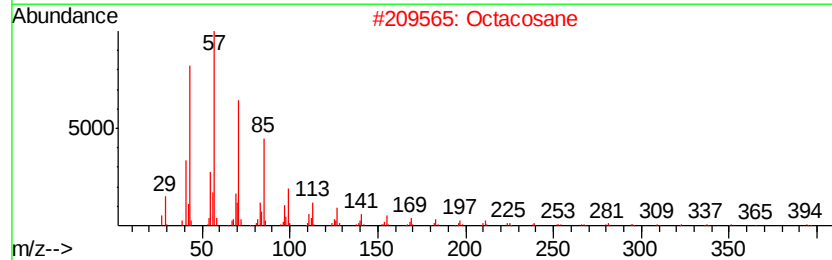
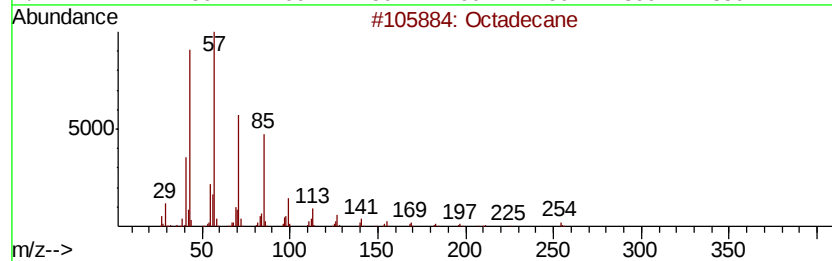
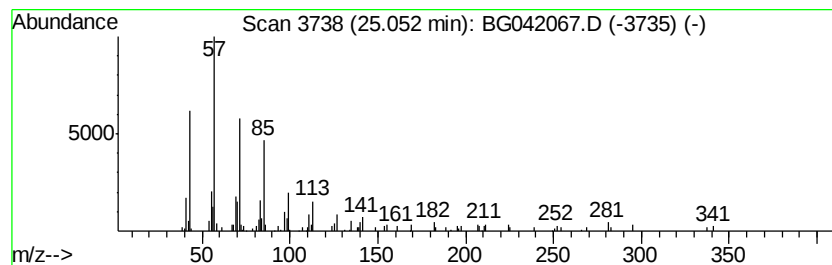
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	3.06 ng/ul	207933	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptacosane	380	C27H56	000593-49-7	83
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042067.D
Acq On : 8 Aug 2019 14:46
Operator : HP/JU
Sample : K4149-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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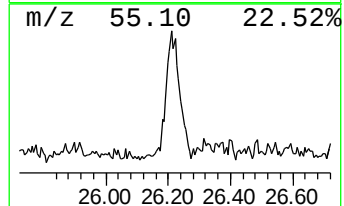
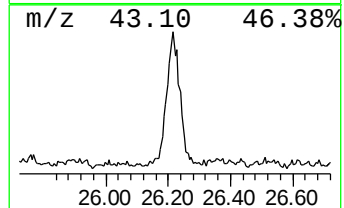
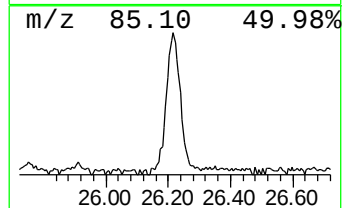
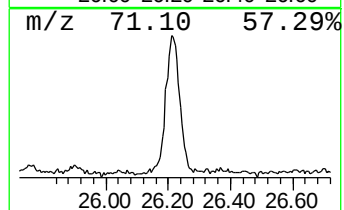
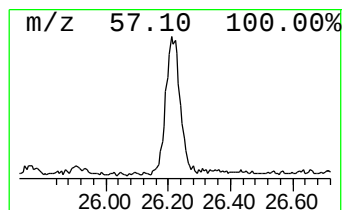
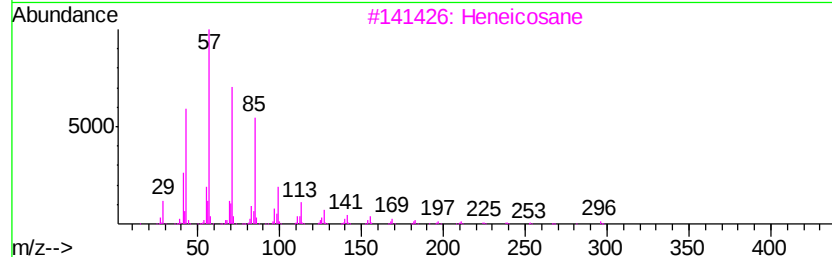
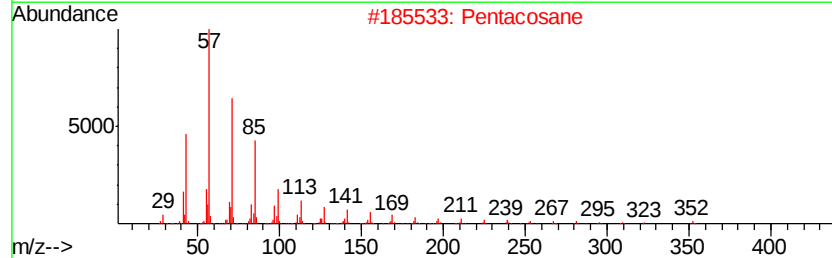
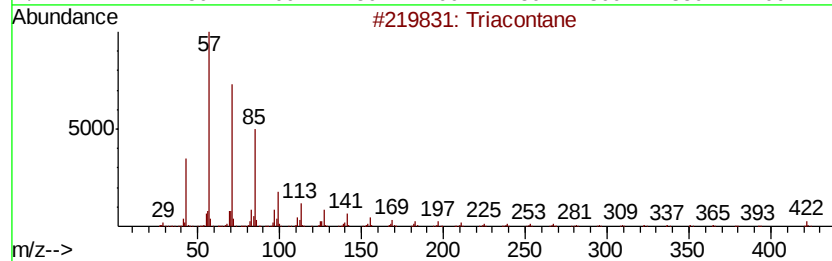
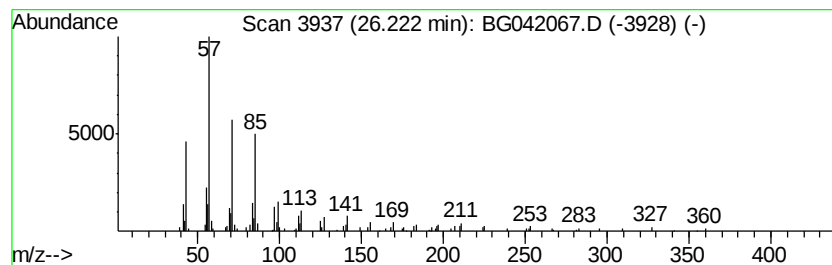
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	2.68 ng/ul	182458	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042067.D
Acq On : 8 Aug 2019 14:46
Operator : HP/JU
Sample : K4149-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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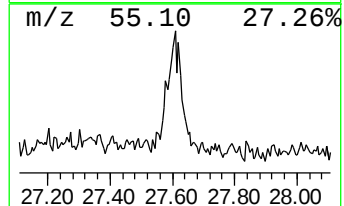
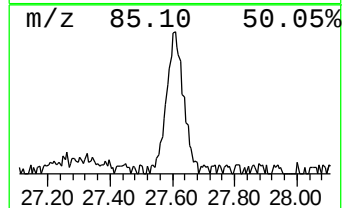
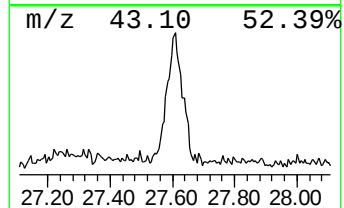
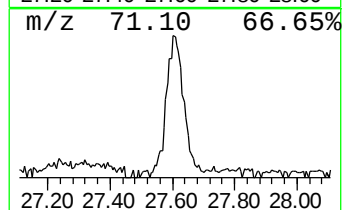
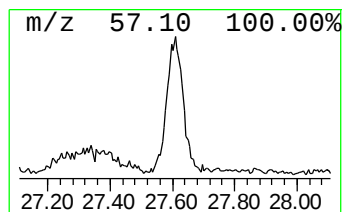
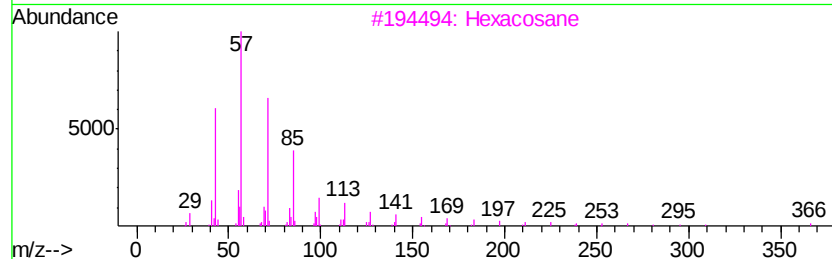
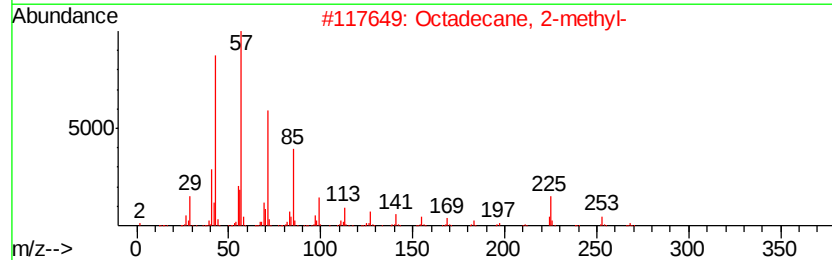
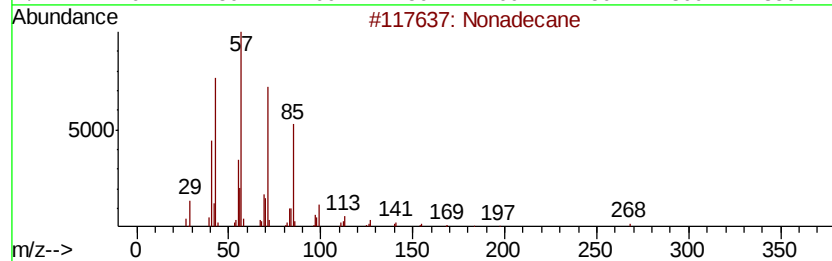
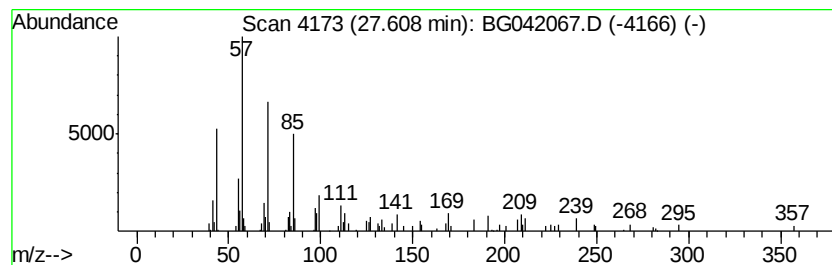
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.61	2.07 ng/ul	140647	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
3		Hexacosane	366	C26H54	000630-01-3	74
4		Pentacosane	352	C25H52	000629-99-2	72
5		Tricosane	324	C23H48	000638-67-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
Data File : BG042067.D
Acq On : 8 Aug 2019 14:46
Operator : HP/JU
Sample : K4149-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	48.1	ng/ul	967029	1	8.03	402380	20.0
Sulfurous acid, b...	21.37	3.5	ng/ul	217810	5	21.72	1258140	20.0
(DEL) Alkane: Str...	21.93	2.8	ng/ul	173377	5	21.72	1258140	20.0
(DEL) Alkane: Str...	22.54	3.4	ng/ul	210686	5	21.72	1258140	20.0
(DEL) Alkane: Str...	23.25	3.9	ng/ul	247109	5	21.72	1258140	20.0
(DEL) Alkane: Str...	24.08	3.9	ng/ul	264707	6	24.98	1360530	20.0
(DEL) Alkane: Str...	25.05	3.1	ng/ul	207933	6	24.98	1360530	20.0
(DEL) Alkane: Str...	26.22	2.7	ng/ul	182458	6	24.98	1360530	20.0
(DEL) Alkane: Str...	27.61	2.1	ng/ul	140647	6	24.98	1360530	20.0