

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042208.D
 Acq On : 14 Aug 2019 13:52
 Operator : HP/JU
 Sample : K4304-14
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P5

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	3.147	5	10	23	rVB	445907	715750	30.42%	2.734%
2	3.411	51	55	64	rVB	14858	24774	1.05%	0.095%
3	4.069	164	167	173	rVB3	3493	5044	0.21%	0.019%
4	4.175	179	185	196	rVB	37337	62729	2.67%	0.240%
5	6.402	558	564	569	rBV5	1679	3163	0.13%	0.012%
6	7.183	690	697	711	rBV	290257	570754	24.26%	2.180%
7	7.348	717	725	738	rBV	219897	386580	16.43%	1.477%
8	7.559	754	761	777	rVB	331864	584109	24.83%	2.231%
9	8.030	834	841	853	rBV	266854	463491	19.70%	1.770%
10	8.740	954	962	974	rBV	385121	702696	29.87%	2.684%
11	8.817	974	975	980	rVB4	2857	2766	0.12%	0.011%
12	9.193	1031	1039	1050	rBV	277902	522497	22.21%	1.996%
13	9.363	1065	1068	1072	rVB5	2027	2939	0.12%	0.011%
14	9.634	1110	1114	1119	rBV	3728	5380	0.23%	0.021%
15	9.927	1156	1164	1173	rBV	253254	469438	19.95%	1.793%
16	10.474	1249	1257	1277	rBV	398285	803269	34.14%	3.068%
17	10.856	1314	1322	1336	rBV	381172	691168	29.38%	2.640%
18	10.985	1336	1344	1363	rBV	374600	731970	31.11%	2.796%
19	12.454	1585	1594	1601	rBV2	6999	14672	0.62%	0.056%
20	12.601	1615	1619	1624	rBV4	4112	6463	0.27%	0.025%
21	13.294	1734	1737	1743	rBV3	3605	5135	0.22%	0.020%
22	13.523	1772	1776	1782	rBV3	2320	4186	0.18%	0.016%
23	14.087	1865	1872	1877	rBV	712237	1118349	47.53%	4.272%
24	14.134	1877	1880	1890	rVB	81571	118600	5.04%	0.453%
25	14.381	1910	1922	1933	rBV	928746	1482009	62.99%	5.661%
26	14.592	1953	1958	1963	rVB5	2529	4094	0.17%	0.016%
27	14.686	1967	1974	1988	rBV	633810	1024488	43.54%	3.913%
28	14.880	2000	2007	2029	rBV	195249	428699	18.22%	1.638%
29	15.098	2039	2044	2050	rVB8	6108	7174	0.30%	0.027%
30	15.486	2104	2110	2115	rBV5	4435	9994	0.42%	0.038%
31	15.533	2115	2118	2122	rVB4	5060	6898	0.29%	0.026%
32	15.679	2136	2143	2155	rBV	1149247	1822211	77.45%	6.961%
33	15.803	2158	2164	2177	rVV	228997	362572	15.41%	1.385%
34	15.920	2180	2184	2191	rVB2	14485	24490	1.04%	0.094%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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35	16.373	2253	2261	2270	rBV3	15171	36477	1.55%	0.139%
36	16.467	2273	2277	2281	rVB4	6691	9685	0.41%	0.037%
37	16.567	2288	2294	2300	rVB5	2094	4778	0.20%	0.018%
38	16.672	2307	2312	2317	rVB3	3908	6251	0.27%	0.024%
39	16.819	2335	2337	2341	rVB4	2013	2696	0.11%	0.010%
40	17.195	2398	2401	2403	rVV4	3994	4805	0.20%	0.018%
41	17.442	2435	2443	2453	rBV2	771018	1206198	51.27%	4.608%
42	17.542	2453	2460	2472	rVV	1173035	1871400	79.54%	7.149%
43	17.624	2472	2474	2480	rVB6	4041	4821	0.20%	0.018%
44	17.718	2486	2490	2496	rBV3	3425	6816	0.29%	0.026%
45	17.924	2522	2525	2527	rBV3	2758	3158	0.13%	0.012%
46	18.106	2554	2556	2560	rVB2	3393	3672	0.16%	0.014%
47	18.400	2602	2606	2610	rVB	10125	13008	0.55%	0.050%
48	18.458	2610	2616	2619	rBV6	1773	3544	0.15%	0.014%
49	18.623	2642	2644	2646	rBV2	3211	3284	0.14%	0.013%
50	18.670	2650	2652	2658	rVV6	4516	8743	0.37%	0.033%
51	19.252	2749	2751	2757	rVB7	5545	9235	0.39%	0.035%
52	19.387	2770	2774	2777	rBV6	3801	6010	0.26%	0.023%
53	19.463	2782	2787	2790	rBV	21005	29704	1.26%	0.113%
54	19.710	2826	2829	2833	rBV	13507	19528	0.83%	0.075%
55	19.757	2833	2837	2842	rVB3	8556	14898	0.63%	0.057%
56	19.827	2842	2849	2862	rBV	1501350	2251229	95.69%	8.599%
57	20.356	2933	2939	2943	rBV4	22075	42590	1.81%	0.163%
58	20.856	3021	3024	3028	rVB4	21814	22582	0.96%	0.086%
59	21.373	3106	3112	3121	rBV	108265	268194	11.40%	1.024%
60	21.608	3149	3152	3159	rVB2	25996	37646	1.60%	0.144%
61	21.725	3165	3172	3179	rBV	791269	1371818	58.31%	5.240%
62	21.925	3201	3206	3211	rBV	71592	99701	4.24%	0.381%
63	22.542	3306	3311	3318	rBV	117328	197199	8.38%	0.753%
64	22.924	3371	3376	3382	rVB2	56093	93930	3.99%	0.359%
65	23.253	3425	3432	3443	rVB2	186516	372405	15.83%	1.423%
66	24.075	3565	3572	3580	rVB	213832	453182	19.26%	1.731%
67	24.769	3679	3690	3707	rBV	772682	2352734	100.00%	8.987%
68	24.998	3718	3729	3734	rBV	478882	1423098	60.49%	5.436%
69	26.208	3925	3935	3944	rBV3	145882	444632	18.90%	1.698%
70	27.601	4164	4172	4185	rVB3	81962	290541	12.35%	1.110%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

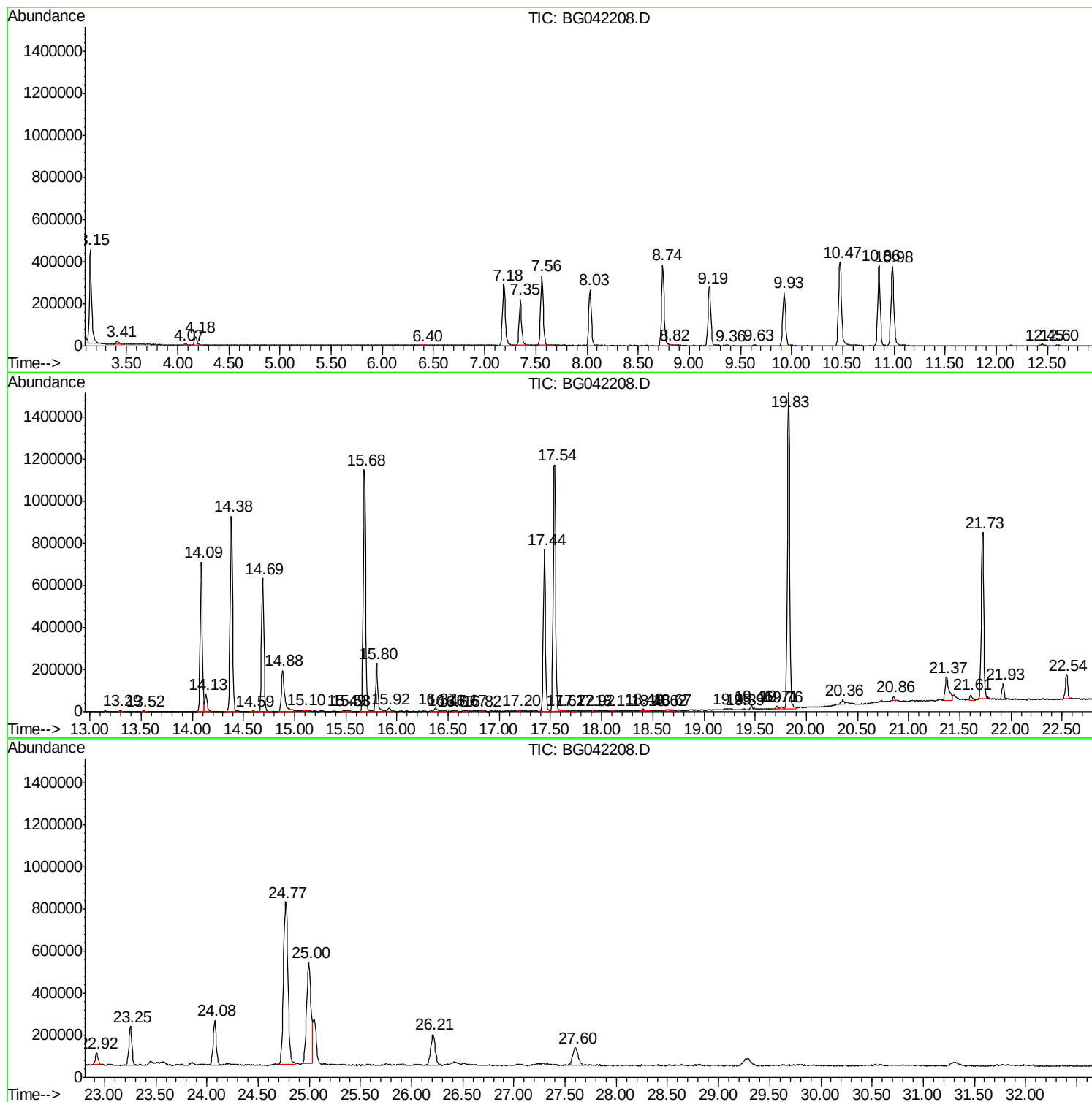
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BG042208.D
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Operator : HP/JU
Sample : K4304-14
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ALS Vial : 70 Sample Multiplier: 1

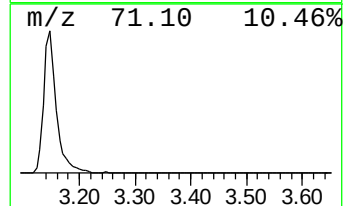
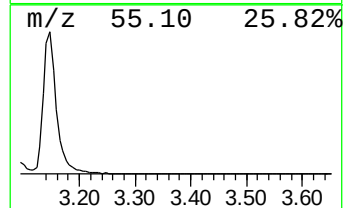
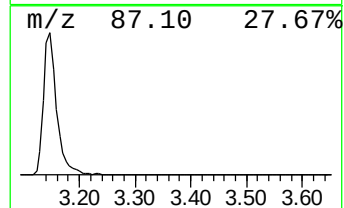
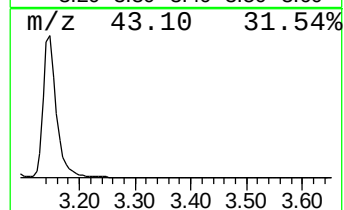
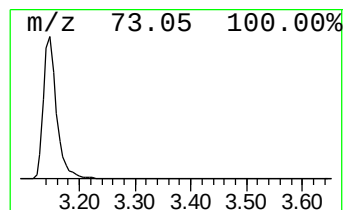
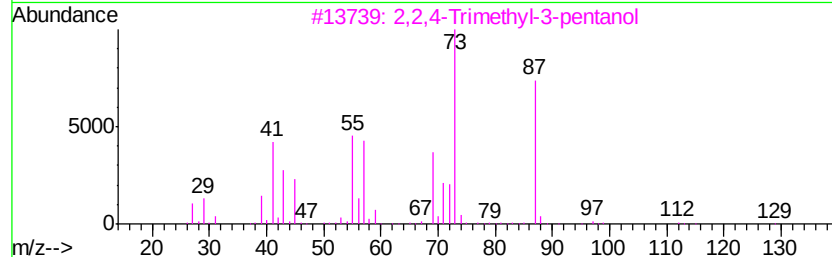
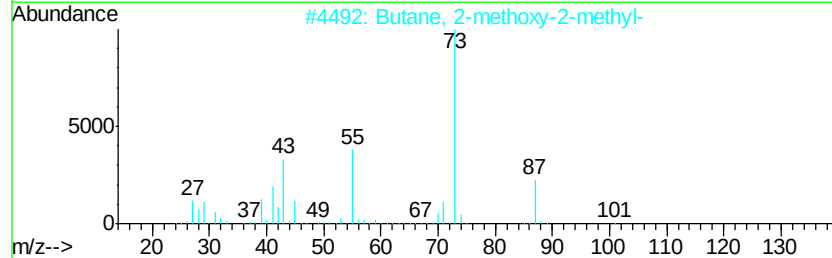
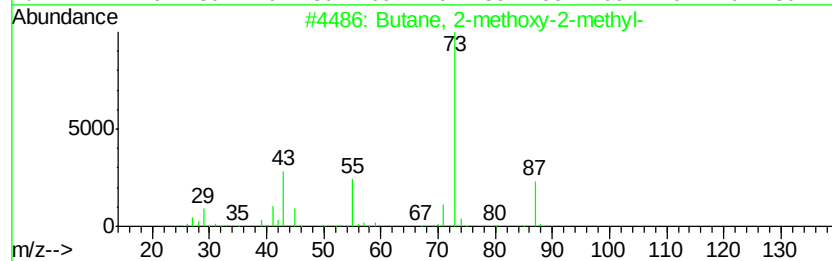
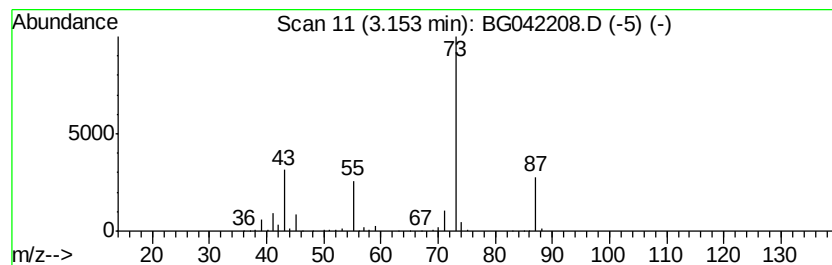
Instrument :
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Quant Title : SVOA CALIBRATION

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.
3.15	30.89 ng/ul	715750	1,4-Dichlorobenzene-d4	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	56
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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Instrument :
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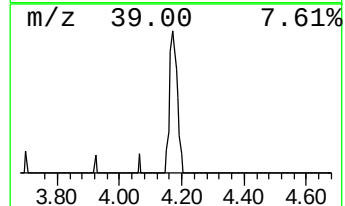
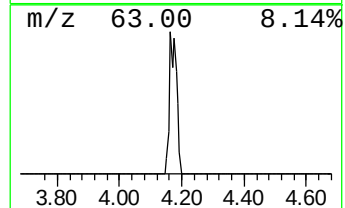
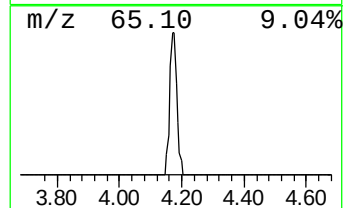
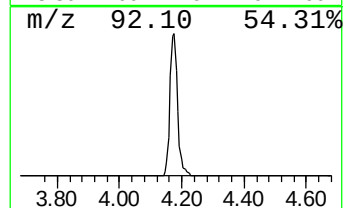
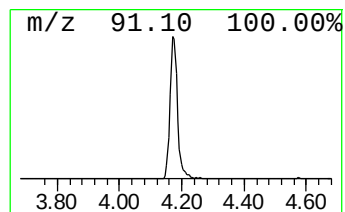
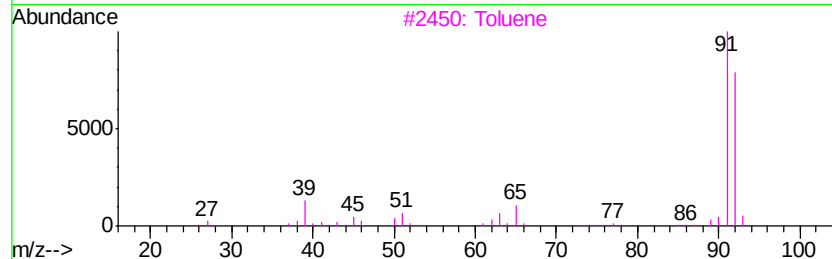
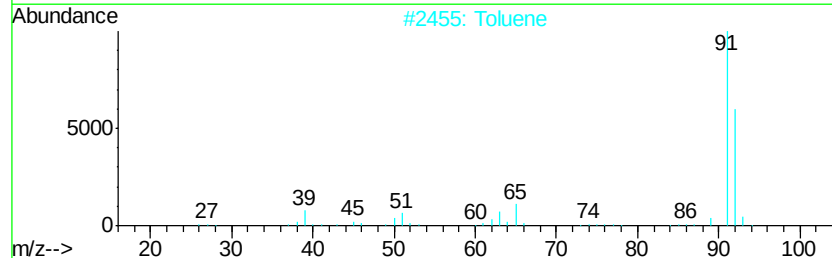
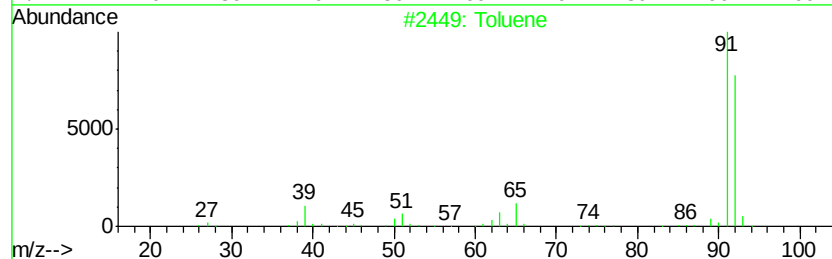
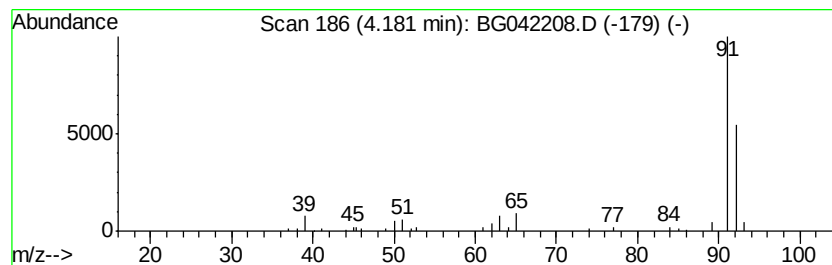
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Toluene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	2.71 ng/ul	62729	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	90
2		Toluene	92	C7H8	000108-88-3	90
3		Toluene	92	C7H8	000108-88-3	90
4		Toluene	92	C7H8	000108-88-3	83
5		Toluene	92	C7H8	000108-88-3	81



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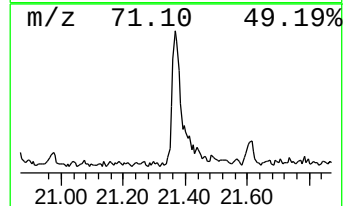
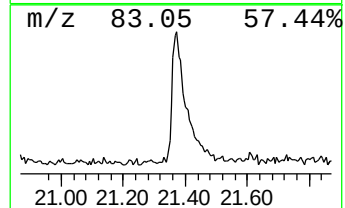
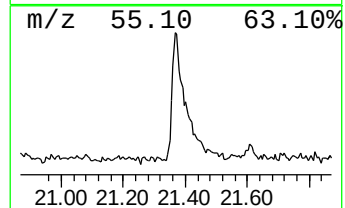
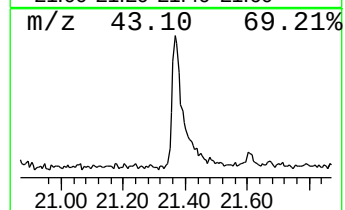
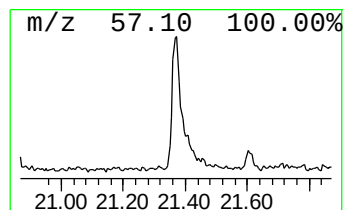
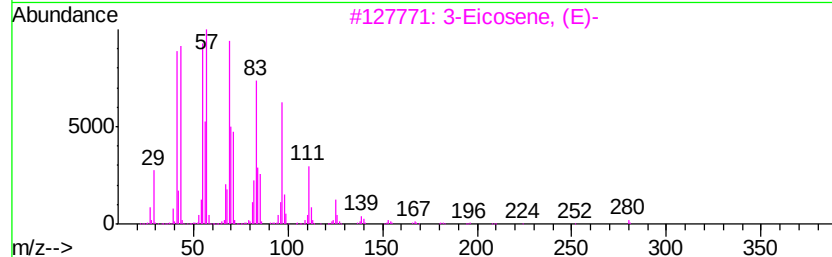
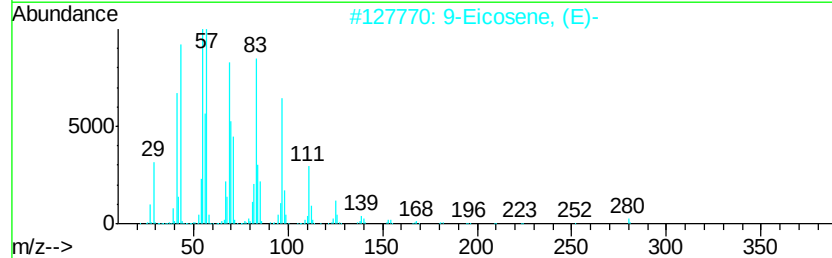
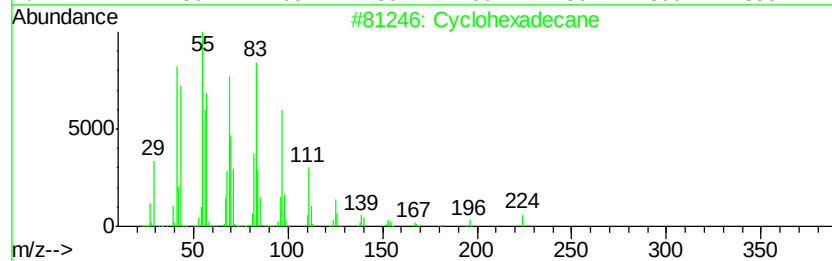
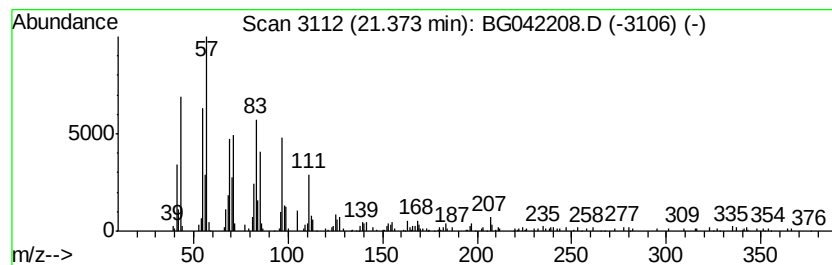
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.91 ng/ul	268194	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	92
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	92
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4		1-Hexacosene	364	C26H52	018835-33-1	90
5		1-oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	78



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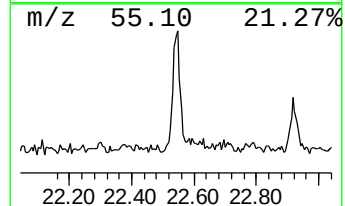
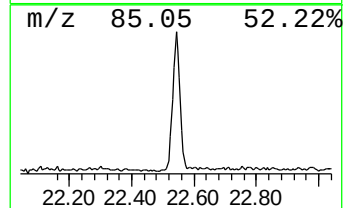
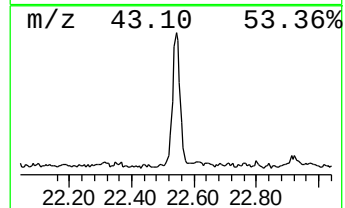
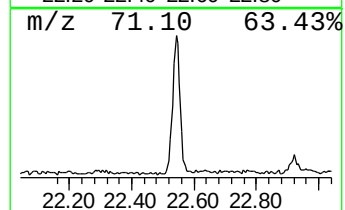
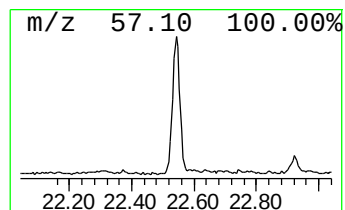
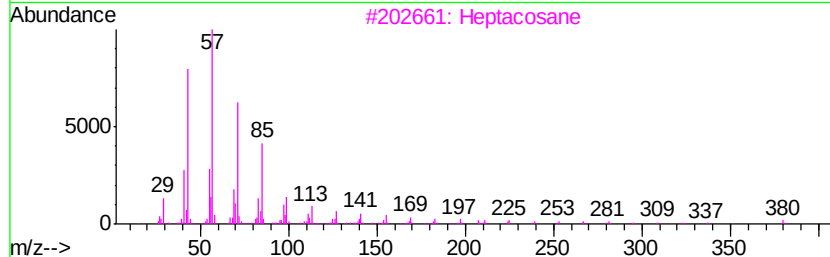
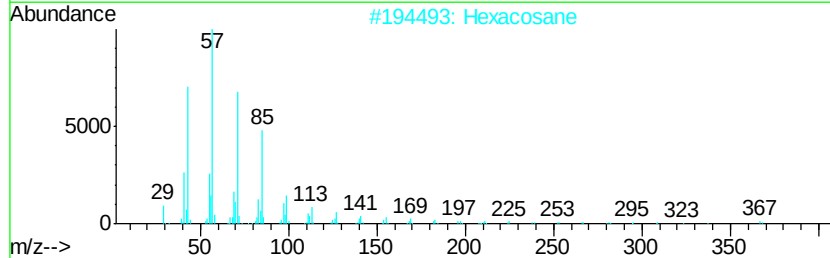
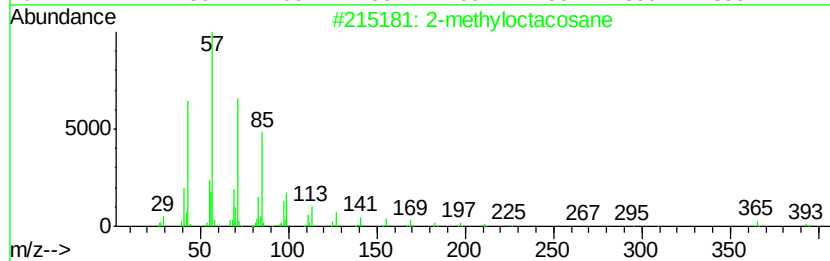
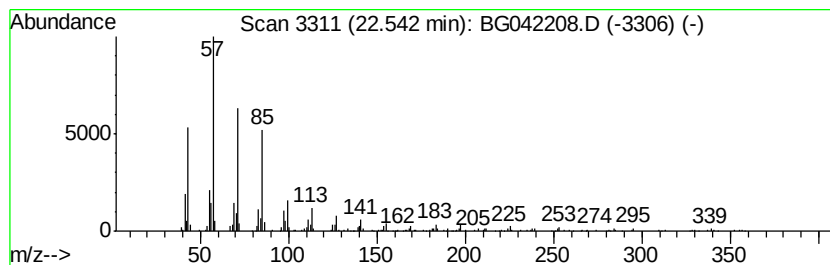
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.88 ng/ul	197199	Chrysene-d12	21.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Pentacosane	352	C25H52	000629-99-2	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042208.D
Acq On : 14 Aug 2019 13:52
Operator : HP/JU
Sample : K4304-14
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P5

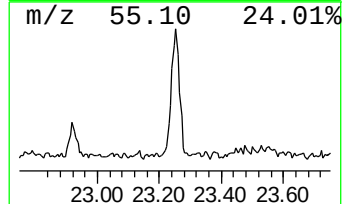
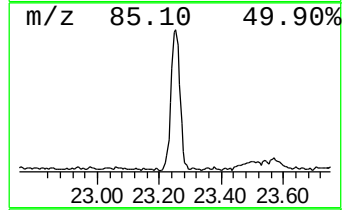
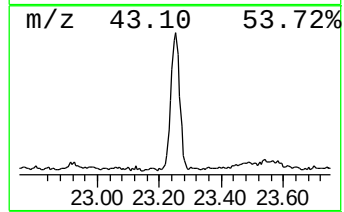
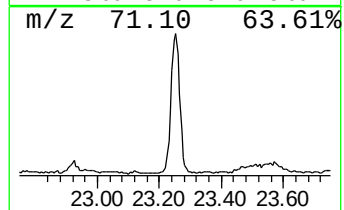
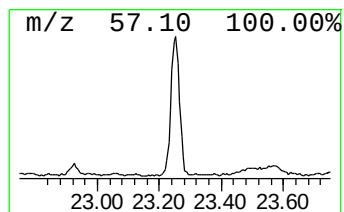
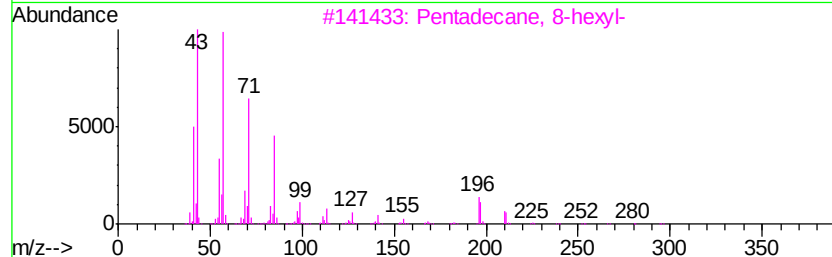
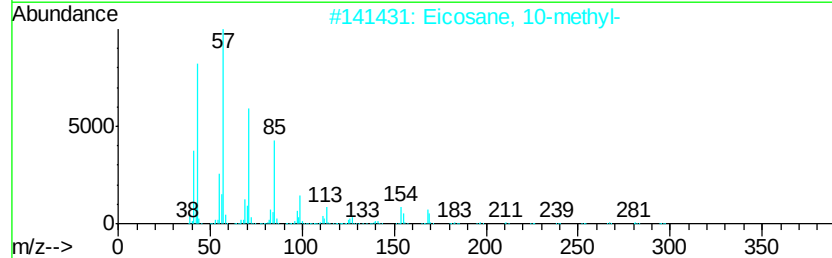
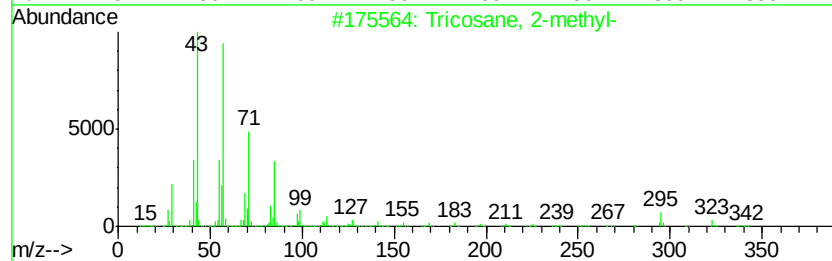
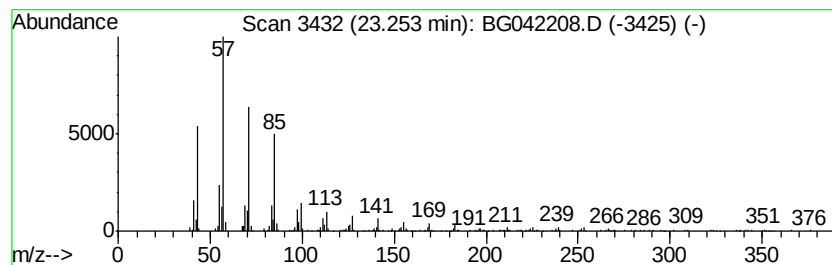
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Quant Title : SVOA CALIBRATION

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	5.43 ng/ul	372405	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042208.D
Acq On : 14 Aug 2019 13:52
Operator : HP/JU
Sample : K4304-14
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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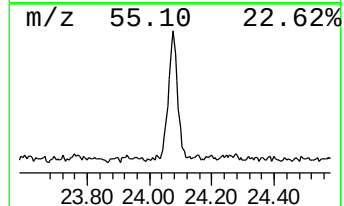
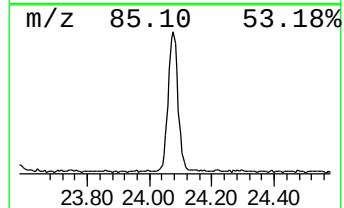
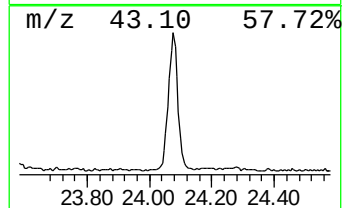
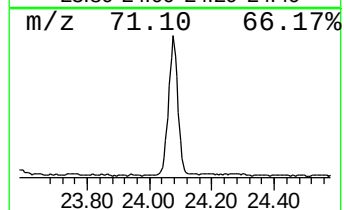
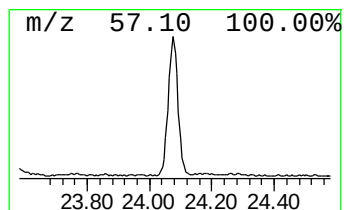
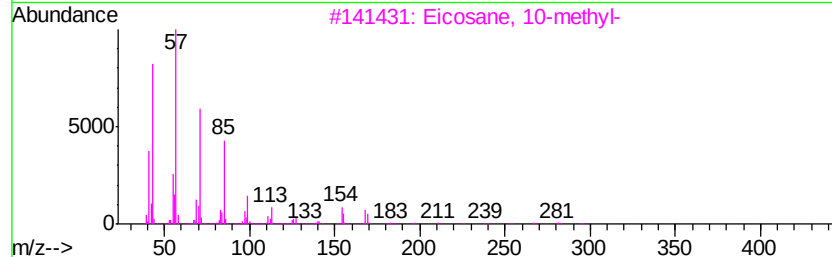
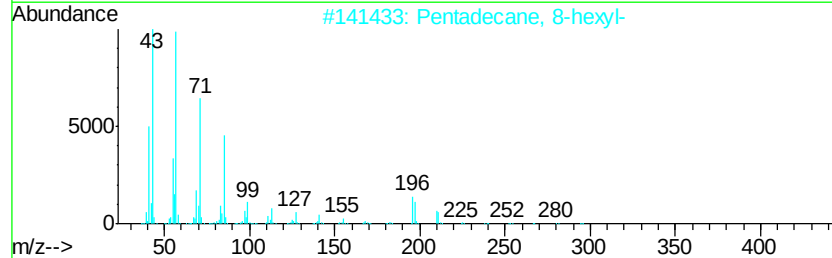
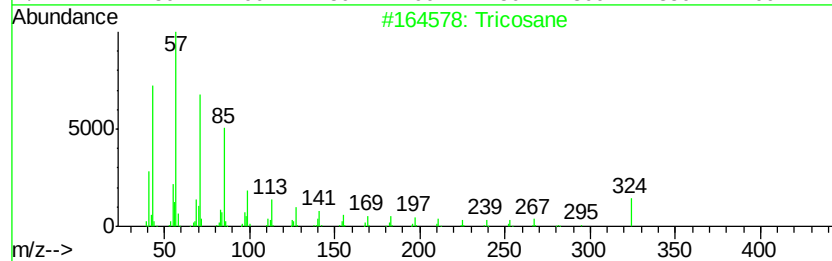
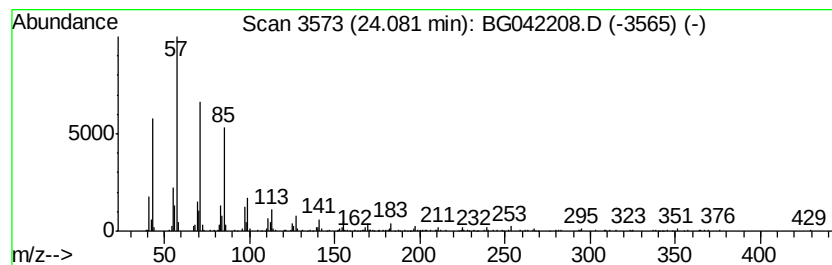
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	6.37 ng/ul	453182	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Nonacosane	408	C29H60	000630-03-5	91
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042208.D
Acq On : 14 Aug 2019 13:52
Operator : HP/JU
Sample : K4304-14
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P5

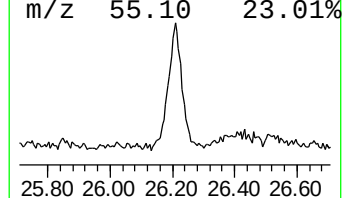
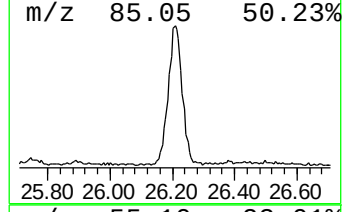
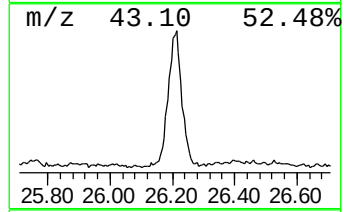
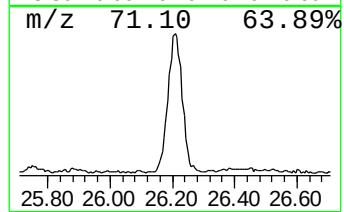
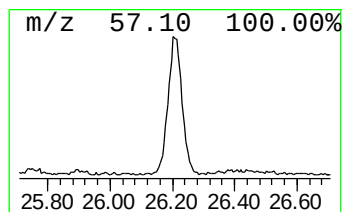
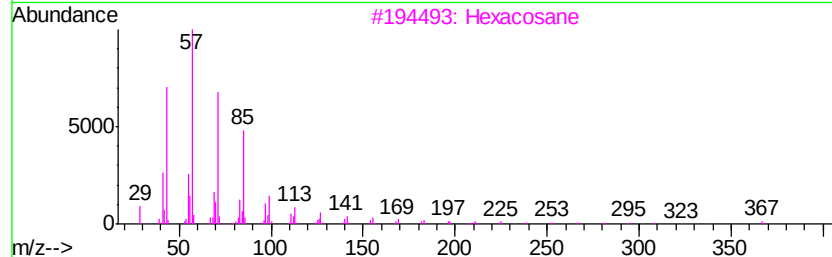
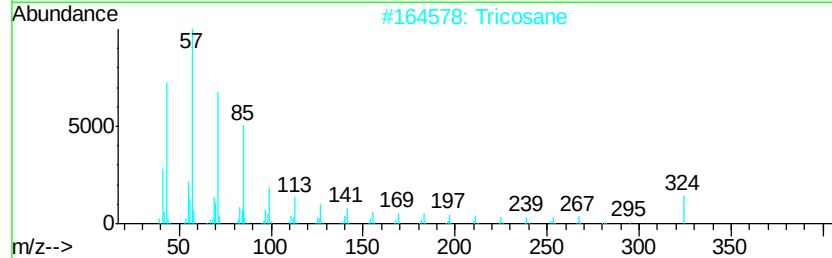
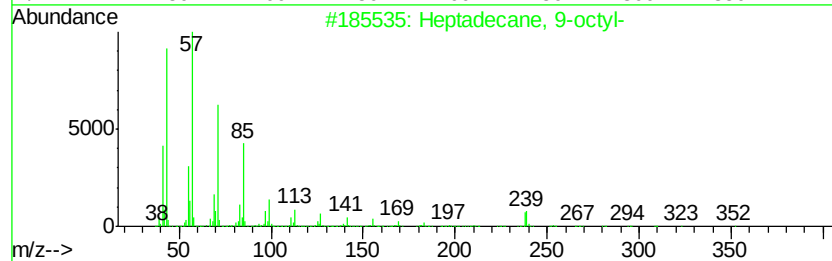
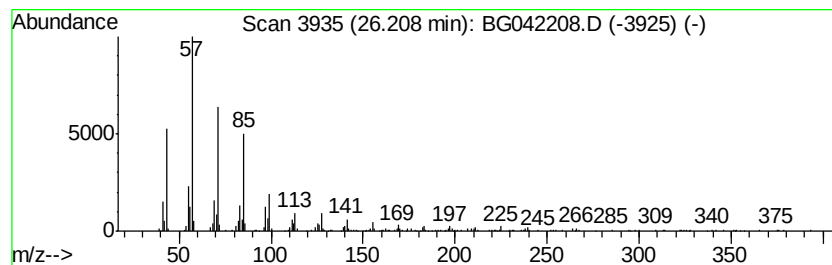
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	6.25 ng/ul	444632	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tricosane	324	C23H48	000638-67-5	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042208.D
Acq On : 14 Aug 2019 13:52
Operator : HP/JU
Sample : K4304-14
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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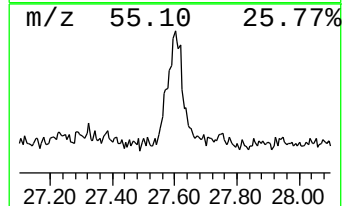
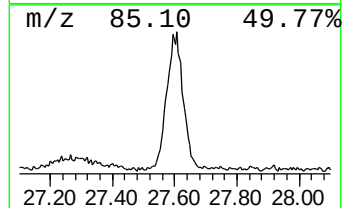
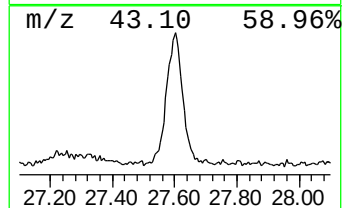
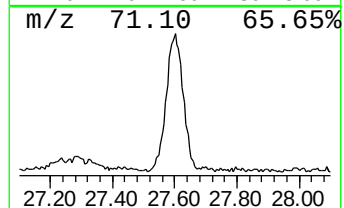
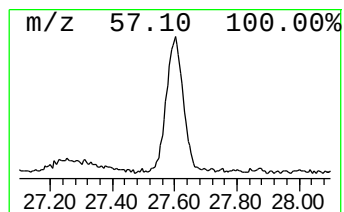
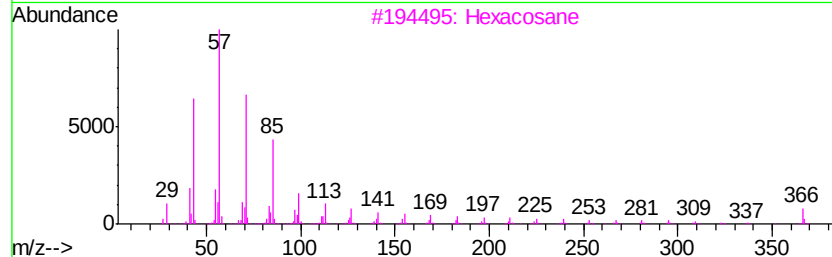
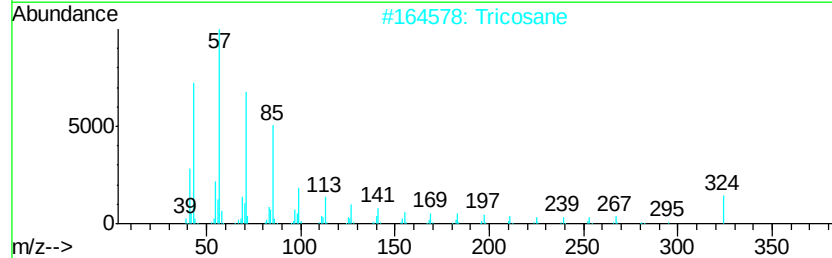
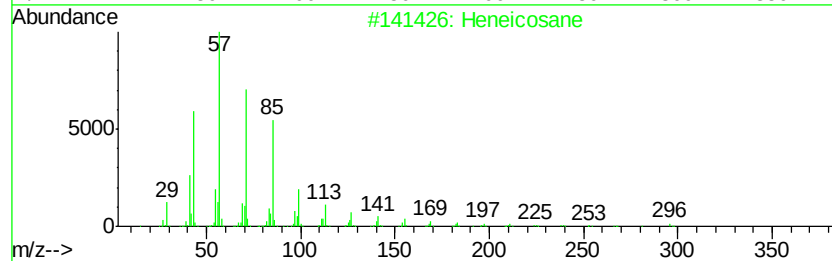
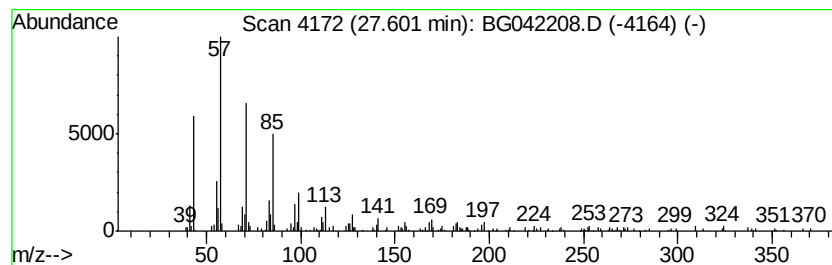
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.60	4.08 ng/ul	290541	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	99
2		Tricosane	324	C23H48	000638-67-5	95
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081319\
Data File : BG042208.D
Acq On : 14 Aug 2019 13:52
Operator : HP/JU
Sample : K4304-14
Misc :
ALS Vial : 70 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...	3.15	30.9	ng/ul	715750	1	8.03	463491	20.0
Toluene	4.18	2.7	ng/ul	62729	1	8.03	463491	20.0
(DEL) Alkane: Cyclic	21.37	3.9	ng/ul	268194	5	21.73	1371820	20.0
(DEL) Alkane: Str...	22.54	2.9	ng/ul	197199	5	21.73	1371820	20.0
(DEL) Alkane: Str...	23.25	5.4	ng/ul	372405	5	21.73	1371820	20.0
(DEL) Alkane: Str...	24.08	6.4	ng/ul	453182	6	25.00	1423100	20.0
(DEL) Alkane: Str...	26.21	6.3	ng/ul	444632	6	25.00	1423100	20.0
(DEL) Alkane: Str...	27.60	4.1	ng/ul	290541	6	25.00	1423100	20.0