

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041917.D
 Acq On : 3 Aug 2019 20:28
 Operator : HP/JU
 Sample : K3922-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A52F0

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	3.158	7	12	37	rVB	1448857	2392554	100.00%	7.422%
2	3.423	54	57	59	rBV2	6635	6755	0.28%	0.021%
3	3.951	143	147	152	rBV2	9458	14493	0.61%	0.045%
4	4.087	165	170	176	rVB2	12486	19275	0.81%	0.060%
5	4.181	184	186	191	rVB3	5717	7341	0.31%	0.023%
6	4.280	199	203	205	rBV3	2366	3414	0.14%	0.011%
7	4.645	260	265	267	rBV2	4173	5893	0.25%	0.018%
8	5.109	340	344	350	rVB2	6799	10354	0.43%	0.032%
9	5.203	357	360	366	rVB7	2415	3993	0.17%	0.012%
10	6.672	606	610	616	rVB5	2434	4082	0.17%	0.013%
11	7.183	690	697	712	rBV	190350	370836	15.50%	1.150%
12	7.353	719	726	738	rBV	138390	251009	10.49%	0.779%
13	7.565	754	762	775	rBV	205806	374950	15.67%	1.163%
14	8.035	835	842	850	rBV	335223	592695	24.77%	1.839%
15	8.740	953	962	969	rBV	237277	433508	18.12%	1.345%
16	8.793	969	971	978	rVV3	13900	25341	1.06%	0.079%
17	8.857	978	982	990	rVB5	5224	12269	0.51%	0.038%
18	9.198	1033	1040	1052	rBV	192405	360458	15.07%	1.118%
19	9.645	1113	1116	1120	rBV3	2149	2667	0.11%	0.008%
20	9.927	1156	1164	1176	rBV	167108	318011	13.29%	0.987%
21	10.473	1250	1257	1269	rBV	272751	539369	22.54%	1.673%
22	10.861	1314	1323	1335	rBV	490794	900417	37.63%	2.793%
23	10.984	1338	1344	1359	rVV	178018	360046	15.05%	1.117%
24	12.353	1571	1577	1583	rVB5	1767	3160	0.13%	0.010%
25	12.441	1586	1592	1593	rBV2	3981	4610	0.19%	0.014%
26	13.058	1694	1697	1701	rVB3	1938	2596	0.11%	0.008%
27	13.305	1735	1739	1742	rBV3	2357	3022	0.13%	0.009%
28	13.593	1784	1788	1790	rBV3	2337	2868	0.12%	0.009%
29	14.092	1863	1873	1878	rBV	557650	853959	35.69%	2.649%
30	14.139	1878	1881	1891	rVB	223722	302509	12.64%	0.938%
31	14.386	1916	1923	1934	rBV2	647615	1048273	43.81%	3.252%
32	14.692	1968	1975	1983	rBV	803772	1307846	54.66%	4.057%
33	14.756	1983	1986	1992	rVB3	5651	10357	0.43%	0.032%
34	14.874	1999	2006	2020	rBV	123179	255768	10.69%	0.793%

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35	15.033	2029	2033	2035	rBV3	4892	6015	0.25%	0.019%
36	15.103	2040	2045	2054	rBV6	20925	36095	1.51%	0.112%
37	15.432	2096	2101	2105	rVB5	2467	3603	0.15%	0.011%
38	15.503	2107	2113	2114	rBV3	2532	3450	0.14%	0.011%
39	15.550	2119	2121	2128	rVB5	3143	3942	0.16%	0.012%
40	15.691	2137	2145	2152	rBV	889946	1365327	57.07%	4.236%
41	15.743	2152	2154	2158	rVV3	11571	13305	0.56%	0.041%
42	15.802	2158	2164	2176	rVV	97576	162367	6.79%	0.504%
43	15.931	2181	2186	2191	rVB3	10238	16556	0.69%	0.051%
44	16.184	2226	2229	2232	rVB4	2442	3144	0.13%	0.010%
45	16.413	2263	2268	2273	rVV8	6143	9574	0.40%	0.030%
46	16.472	2273	2278	2282	rVB4	4147	5996	0.25%	0.019%
47	16.807	2331	2335	2337	rVB3	2117	2802	0.12%	0.009%
48	16.854	2339	2343	2345	rBV5	3027	3836	0.16%	0.012%
49	16.989	2361	2366	2369	rVB3	4221	6999	0.29%	0.022%
50	17.095	2378	2384	2392	rBV3	9824	19849	0.83%	0.062%
51	17.171	2392	2397	2399	rBV4	2206	3952	0.17%	0.012%
52	17.201	2399	2402	2407	rVV5	5679	11208	0.47%	0.035%
53	17.265	2409	2413	2418	rVB	11022	17632	0.74%	0.055%
54	17.353	2426	2428	2433	rVB4	2613	2877	0.12%	0.009%
55	17.447	2435	2444	2448	rBV	1015130	1609732	67.28%	4.994%
56	17.488	2448	2451	2455	rVV	256158	356569	14.90%	1.106%
57	17.547	2455	2461	2472	rVV	908000	1435927	60.02%	4.455%
58	17.635	2472	2476	2482	rVB3	14012	22590	0.94%	0.070%
59	17.712	2482	2489	2490	rBV5	4718	8482	0.35%	0.026%
60	17.723	2490	2491	2495	rVB3	5933	5034	0.21%	0.016%
61	17.847	2500	2512	2519	rBV	32017	59945	2.51%	0.186%
62	17.953	2526	2530	2531	rBV3	4918	6296	0.26%	0.020%
63	18.029	2538	2543	2544	rBV3	4174	6307	0.26%	0.020%
64	18.123	2554	2559	2561	rVV5	5522	6643	0.28%	0.021%
65	18.340	2584	2596	2610	rBV3	248910	530187	22.16%	1.645%
66	18.517	2621	2626	2631	rBV3	40927	78900	3.30%	0.245%
67	18.634	2644	2646	2649	rVV3	6885	8948	0.37%	0.028%
68	18.675	2649	2653	2656	rVV6	14165	23064	0.96%	0.072%
69	18.716	2658	2660	2663	rVB4	5342	5314	0.22%	0.016%
70	18.822	2674	2678	2680	rBV	30692	39217	1.64%	0.122%
71	18.857	2680	2684	2692	rVB	70286	100572	4.20%	0.312%

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72	19.104	2724	2726	2727	rBV2	5245	4458	0.19%	0.014%
73	19.116	2727	2728	2731	rVB3	7531	5652	0.24%	0.018%
74	19.233	2744	2748	2752	rBV4	26954	44817	1.87%	0.139%
75	19.374	2767	2772	2776	rBV	21982	40567	1.70%	0.126%
76	19.498	2784	2793	2800	rBV	701792	988862	41.33%	3.068%
77	19.609	2807	2812	2822	rBV4	95955	176133	7.36%	0.546%
78	19.833	2844	2850	2853	rBV	1294811	1989534	83.16%	6.172%
79	19.862	2853	2855	2862	rVV	554103	637787	26.66%	1.979%
80	19.927	2864	2866	2871	rVB2	23089	32000	1.34%	0.099%
81	20.033	2882	2884	2890	rBV	23527	35002	1.46%	0.109%
82	20.097	2892	2895	2900	rVB	18879	26755	1.12%	0.083%
83	20.350	2935	2938	2946	rVB2	66041	118265	4.94%	0.367%
84	20.450	2951	2955	2959	rBV	54875	84375	3.53%	0.262%
85	20.691	2994	2996	2999	rBV4	21991	24968	1.04%	0.077%
86	20.726	2999	3002	3010	rVB	96827	125615	5.25%	0.390%
87	21.378	3109	3113	3121	rVV4	129233	245976	10.28%	0.763%
88	21.448	3123	3125	3132	rVB	59256	83158	3.48%	0.258%
89	21.731	3165	3173	3178	rBV3	1090006	2201496	92.01%	6.830%
90	21.778	3178	3181	3193	rVB	260600	419699	17.54%	1.302%
91	21.936	3204	3208	3213	rVB2	150964	229713	9.60%	0.713%
92	22.565	3309	3315	3326	rVB2	268841	520452	21.75%	1.615%
93	23.276	3430	3436	3444	rVB	371504	662748	27.70%	2.056%
94	23.963	3546	3553	3561	rBV	202027	636095	26.59%	1.973%
95	24.104	3570	3577	3585	rBV	375122	839250	35.08%	2.604%
96	24.698	3673	3678	3683	rBV2	89278	197627	8.26%	0.613%
97	24.780	3684	3692	3700	rVV	536619	1420677	59.38%	4.407%
98	25.003	3721	3730	3737	rBV2	580568	1706393	71.32%	5.294%
99	25.080	3738	3743	3754	rVB	358286	891467	37.26%	2.766%
100	26.249	3933	3942	3953	rVB	353590	1038124	43.39%	3.221%

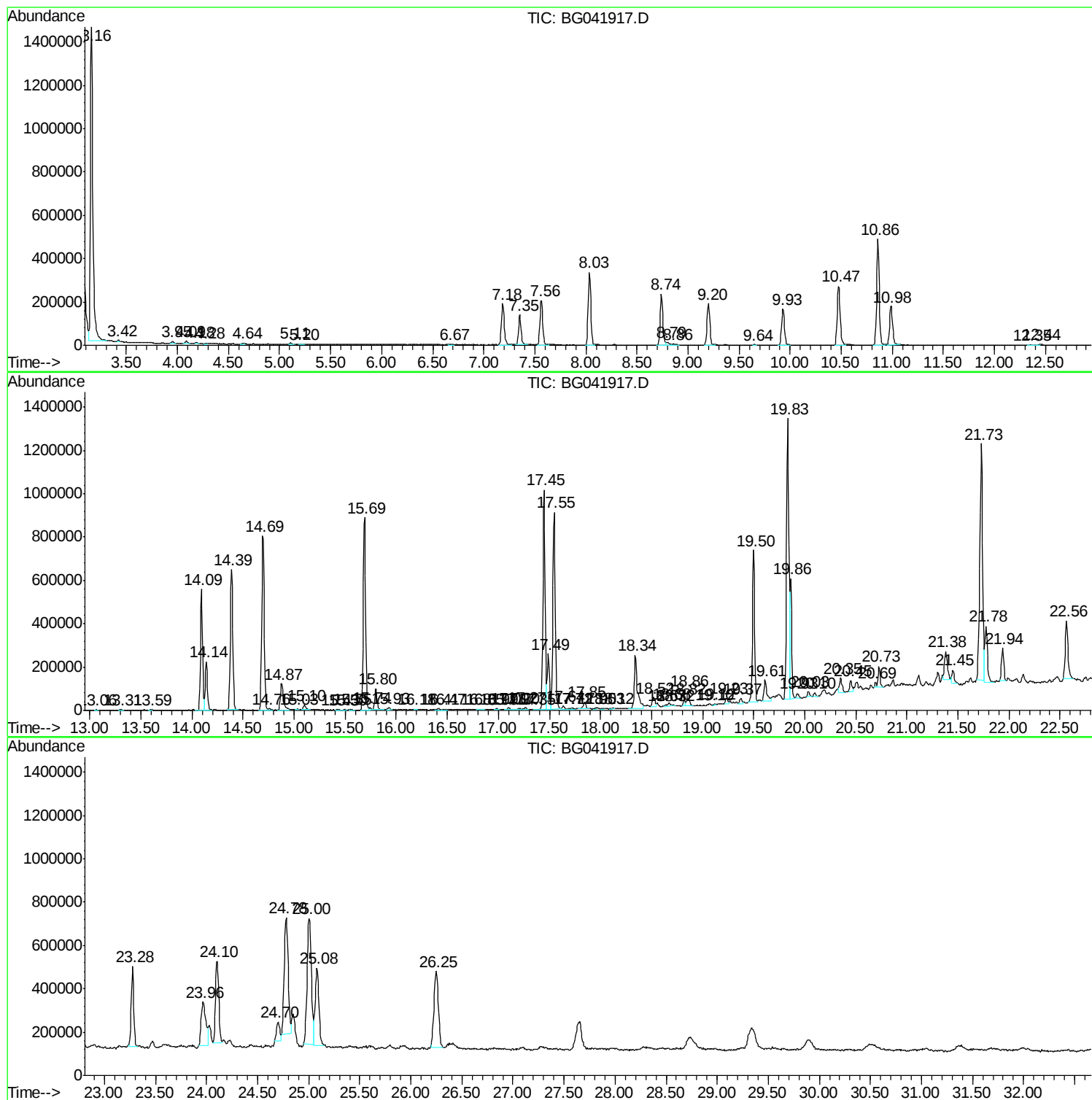
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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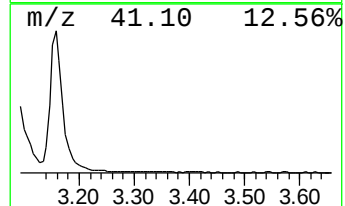
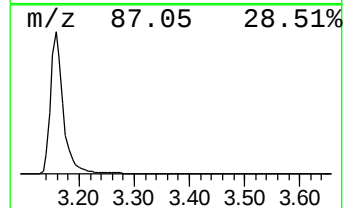
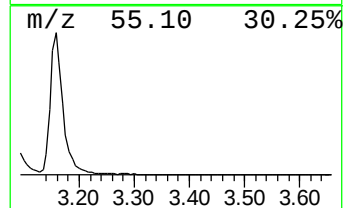
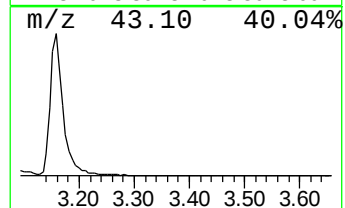
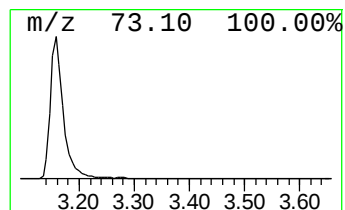
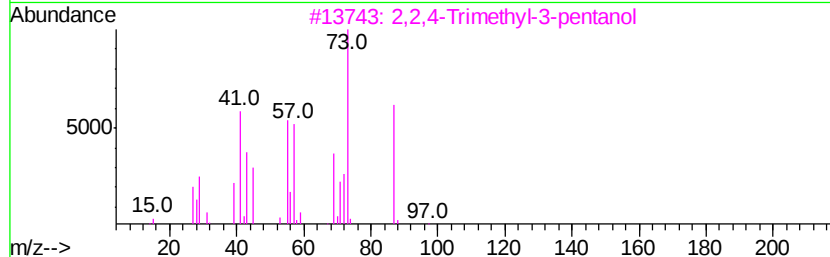
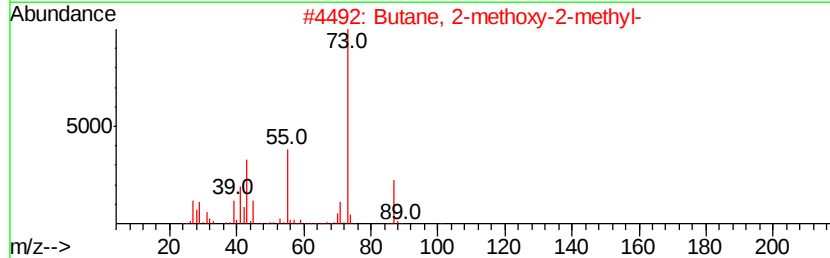
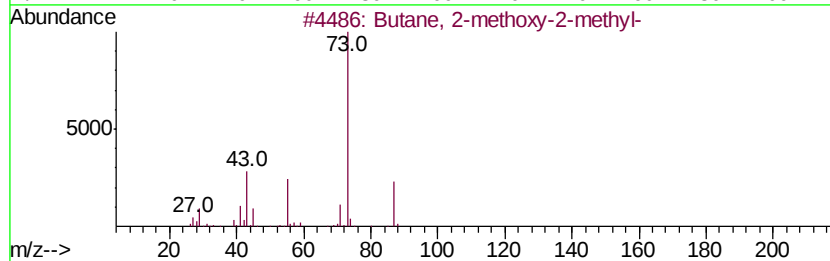
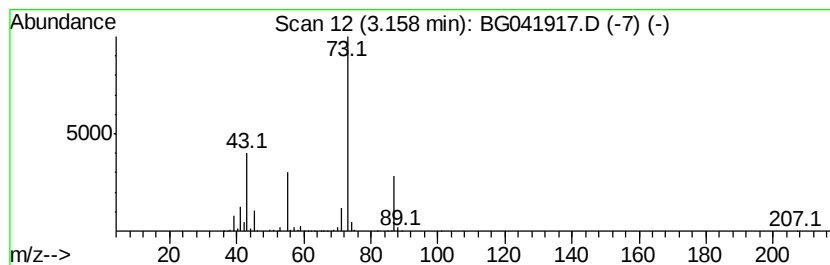
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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.
3.16	80.73 ng/ul	2392550	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	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35



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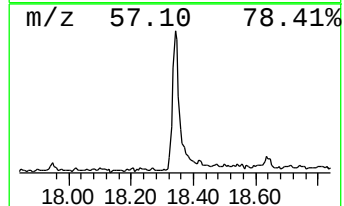
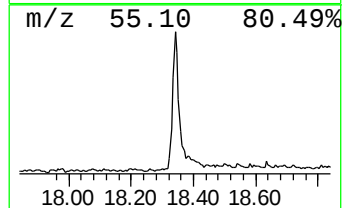
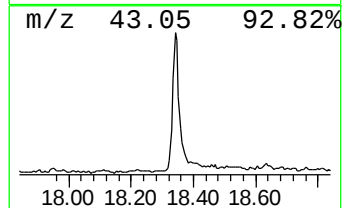
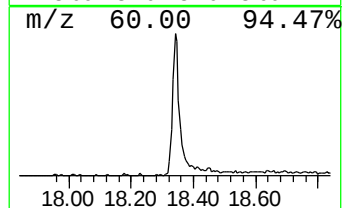
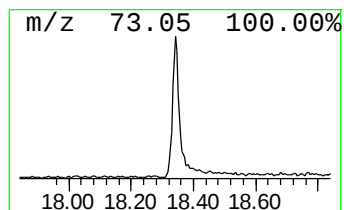
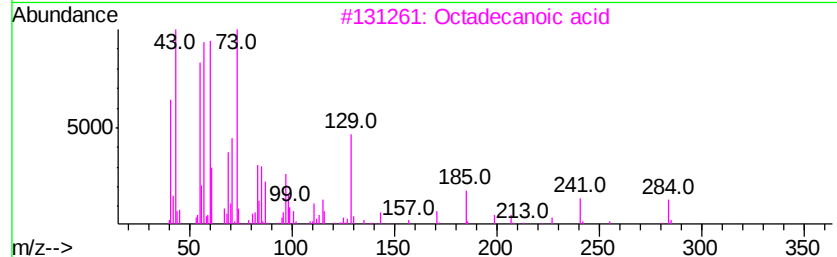
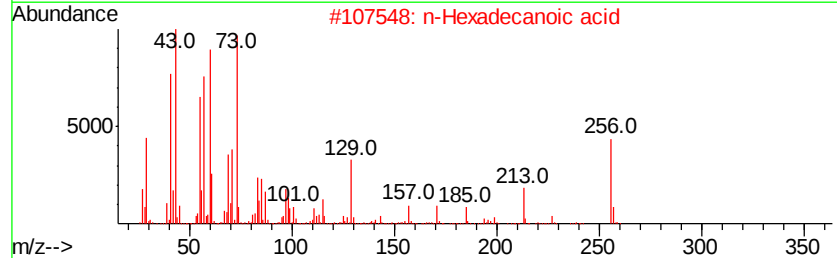
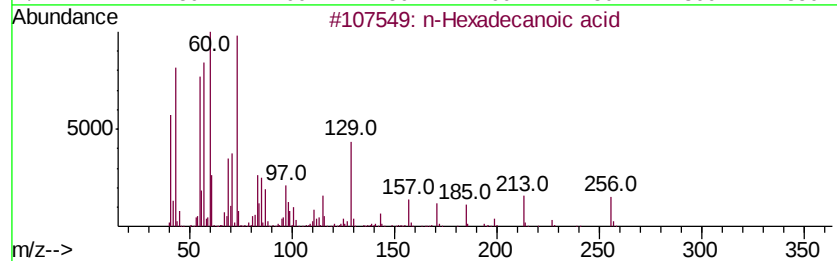
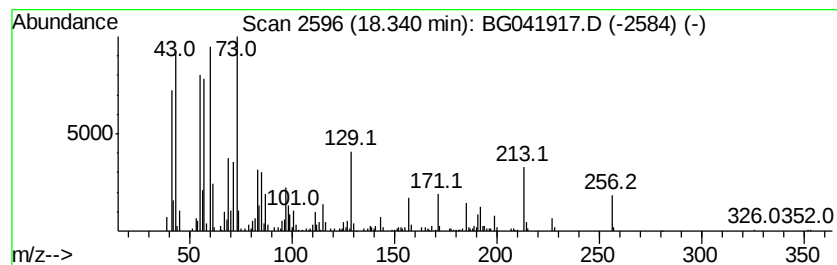
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.34	6.59 ng/ul	530187	Phenanthrene-d10		17.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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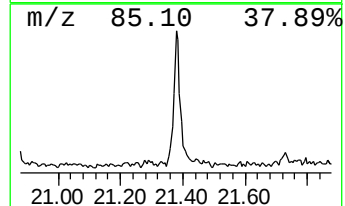
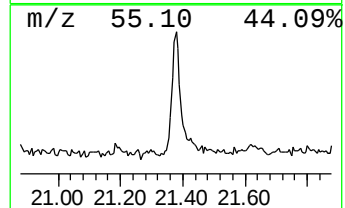
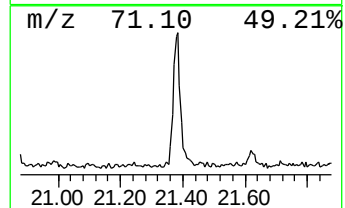
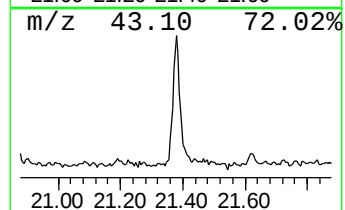
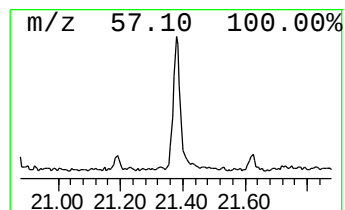
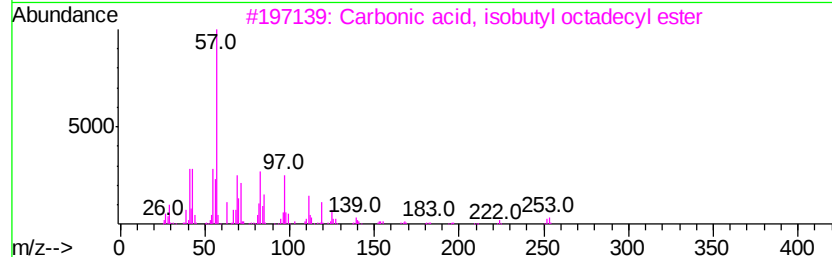
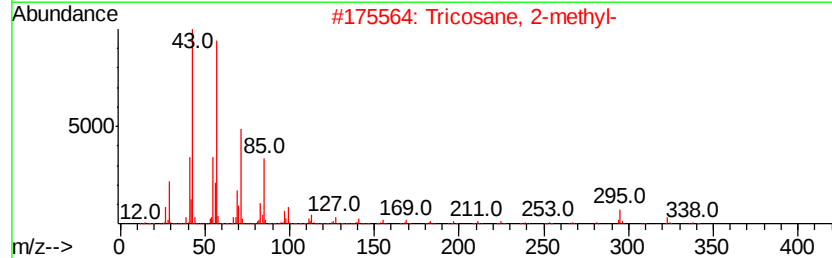
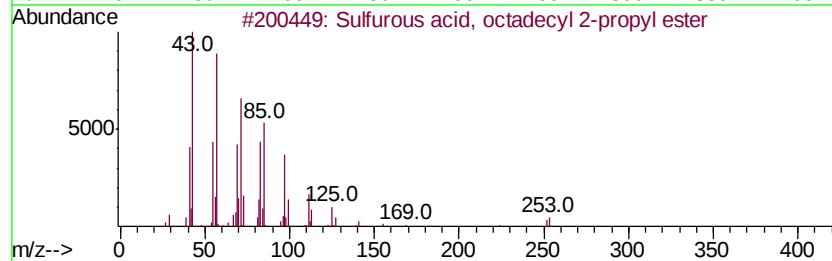
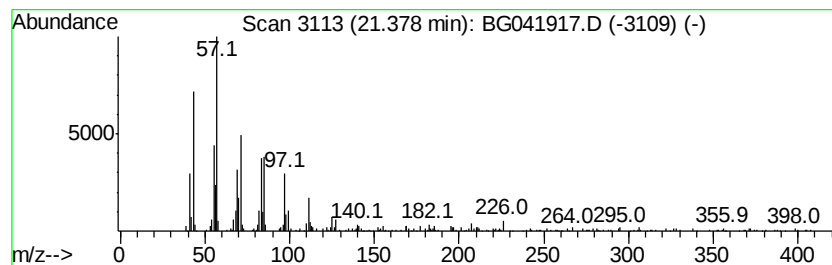
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, octadecyl 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	2.23 ng/ul	245976	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	76
3		Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Trihexadecyl borate	735	C48H99B03	002665-11-4	64



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Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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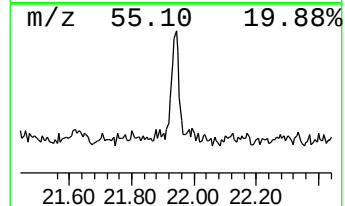
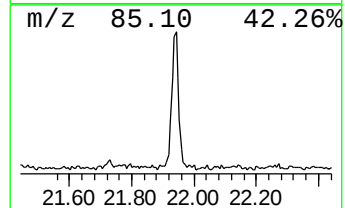
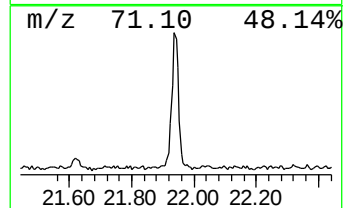
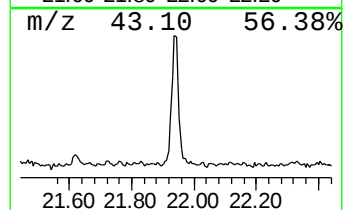
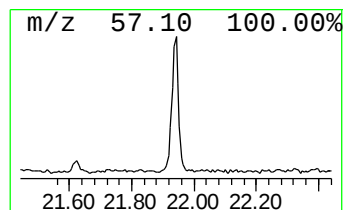
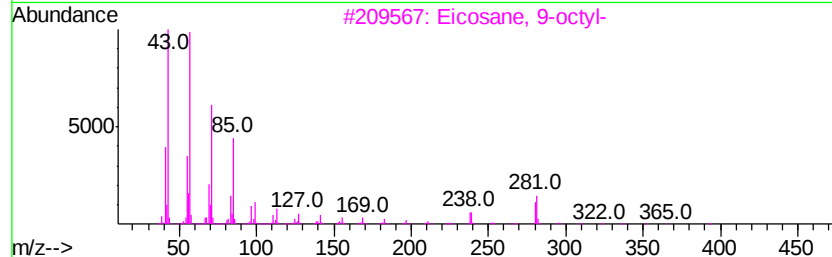
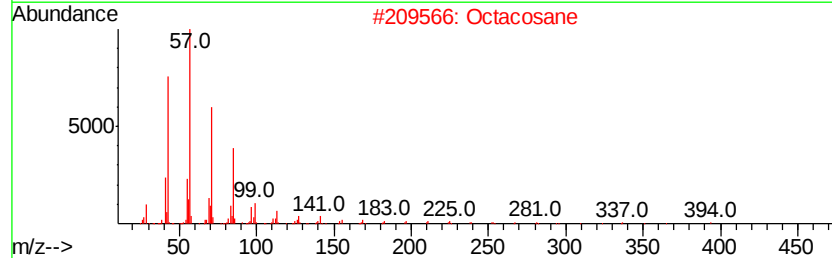
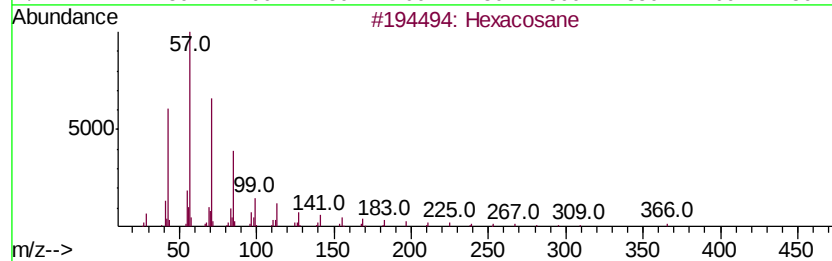
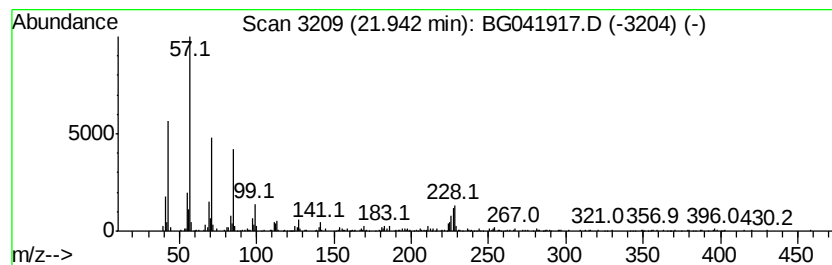
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.09 ng/ul	229713	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Octacosane	394	C28H58	000630-02-4	64
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	60
4		Hexacosane	366	C26H54	000630-01-3	58
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041917.D
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Operator : HP/JU
Sample : K3922-01
Misc :
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Instrument :
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ClientSampleId :
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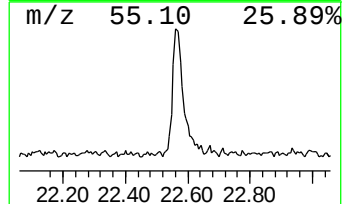
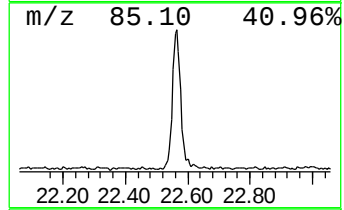
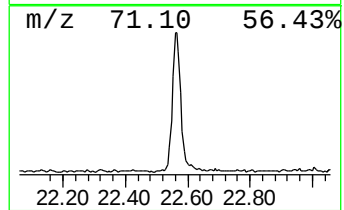
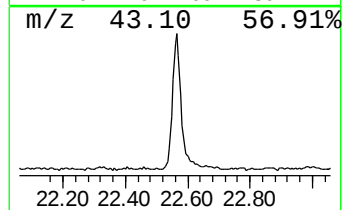
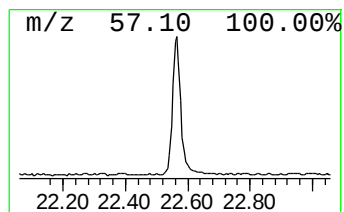
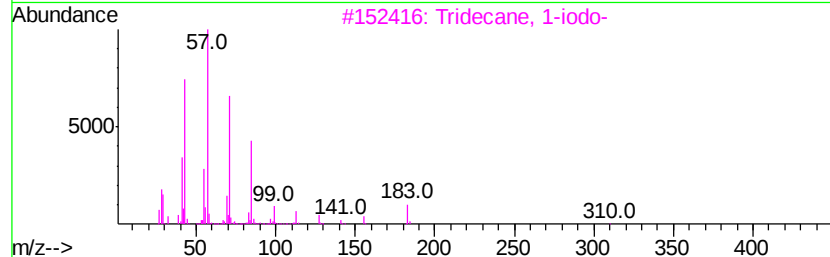
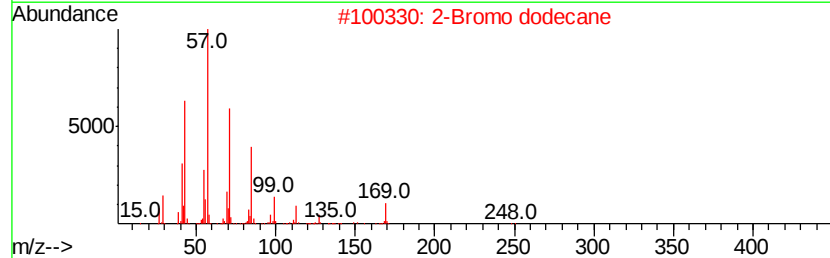
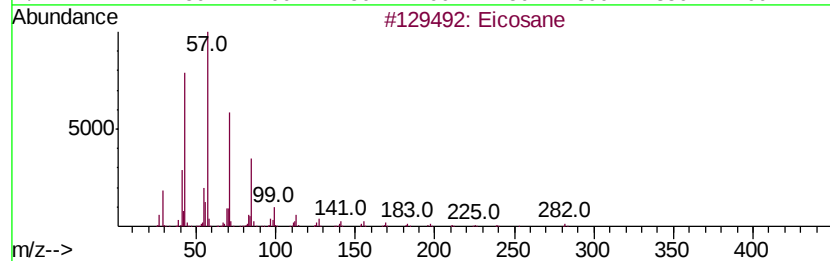
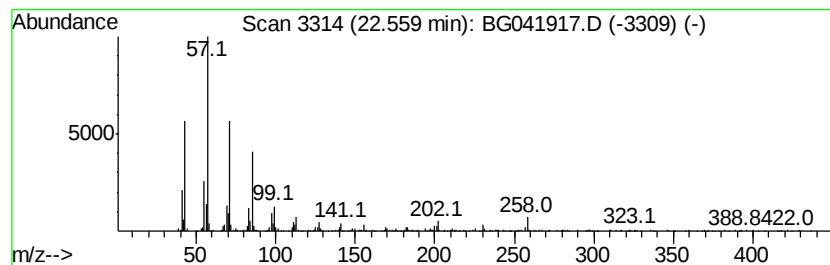
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	4.73 ng/ul	520452	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4		Tricosane	324	C23H48	000638-67-5	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
Operator : HP/JU
Sample : K3922-01
Misc :
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Instrument :
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ClientSampleId :
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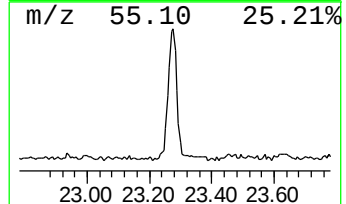
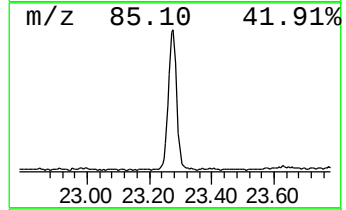
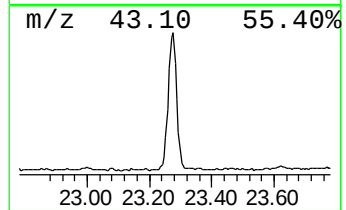
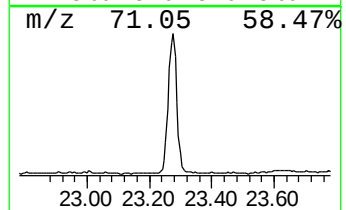
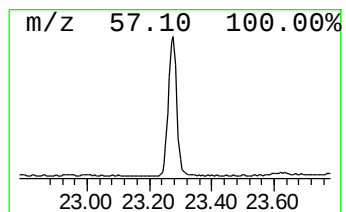
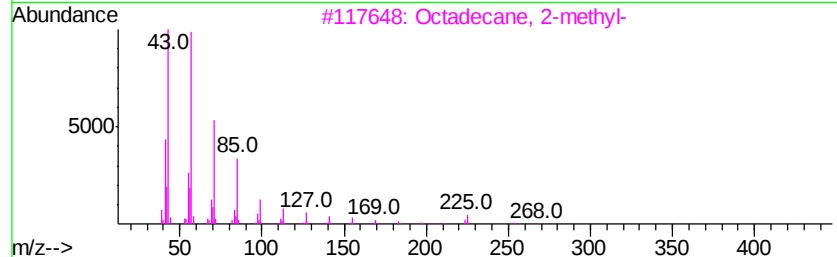
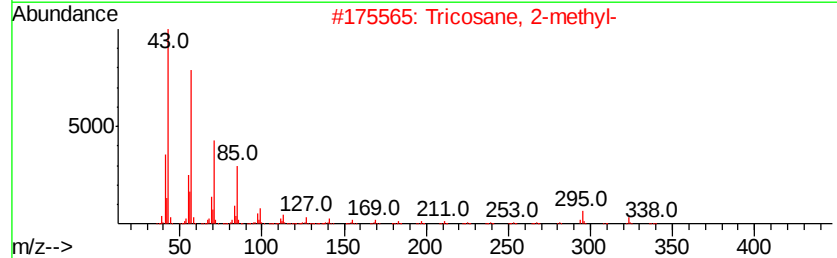
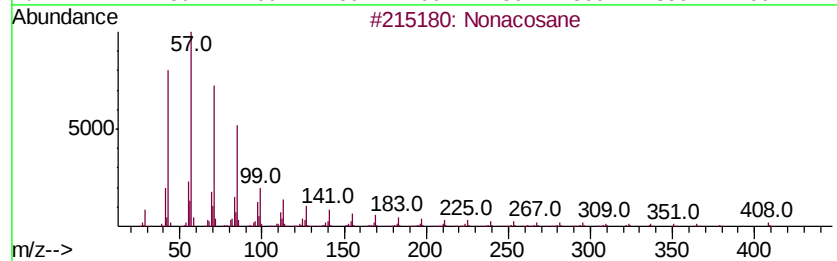
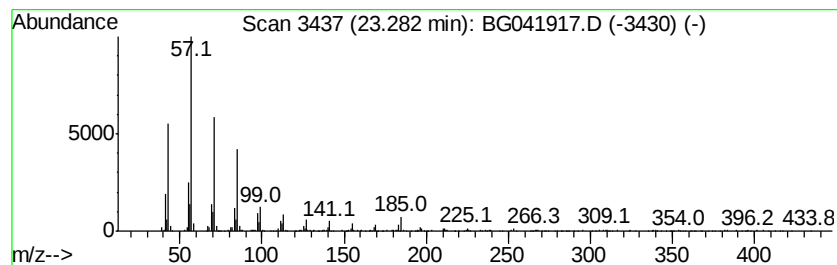
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	6.02 ng/ul	662748	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	95
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Docosane	310	C22H46	000629-97-0	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
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Misc :
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ClientSampleId :
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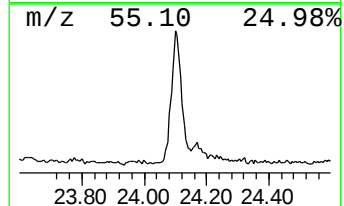
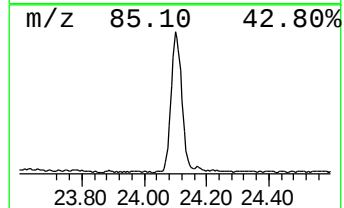
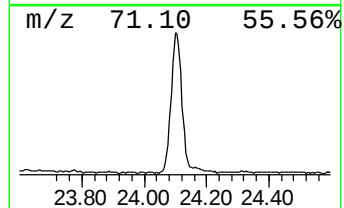
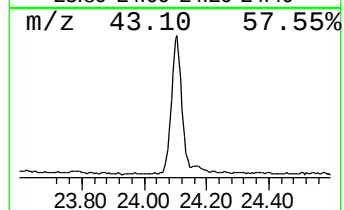
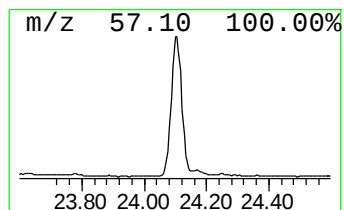
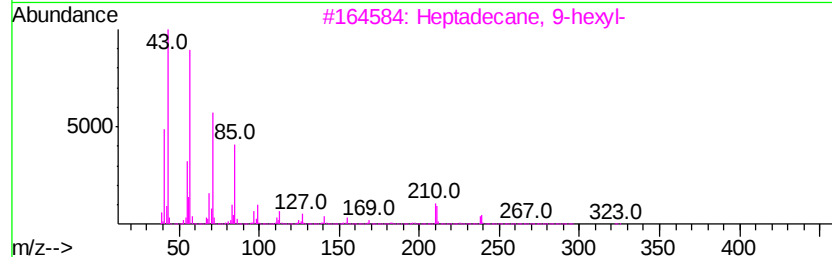
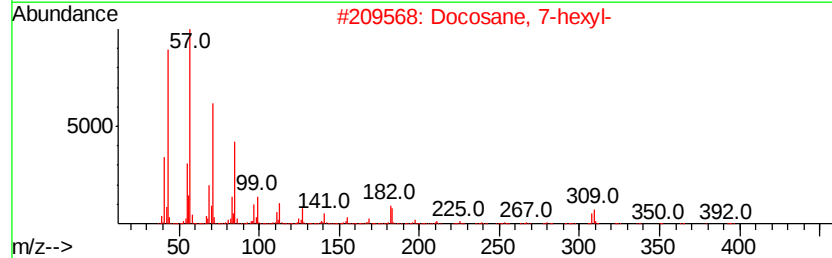
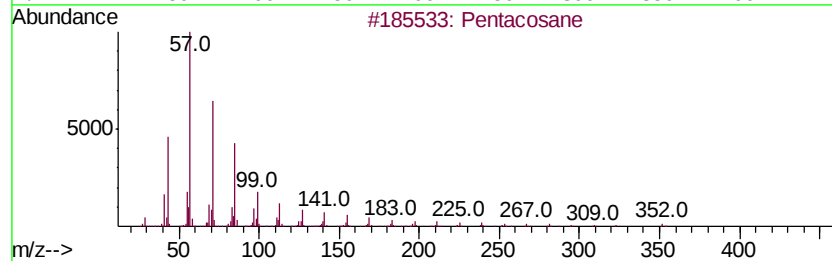
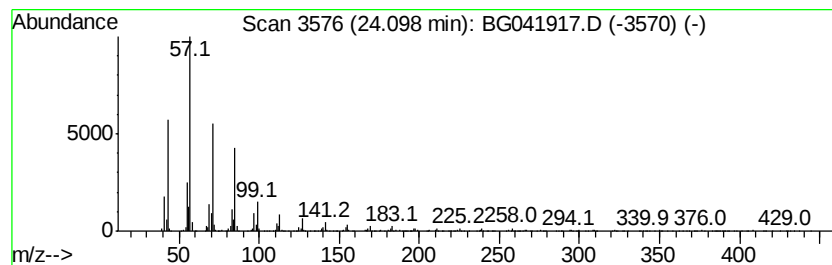
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	9.84 ng/ul	839250	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	97
2		Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
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Sample : K3922-01
Misc :
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Instrument :
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ClientSampleId :
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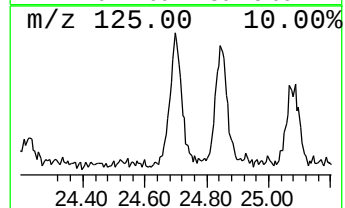
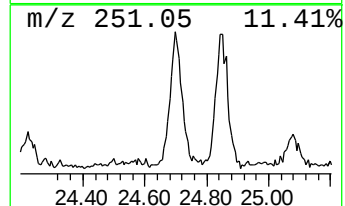
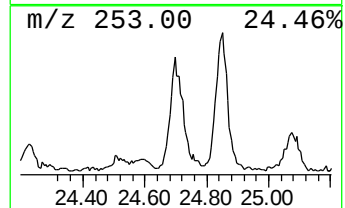
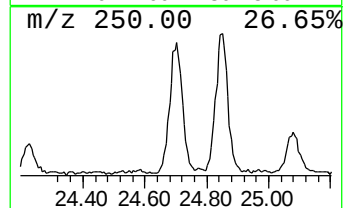
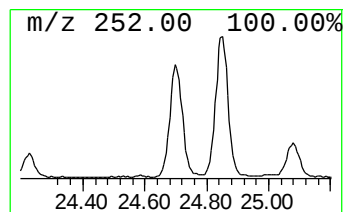
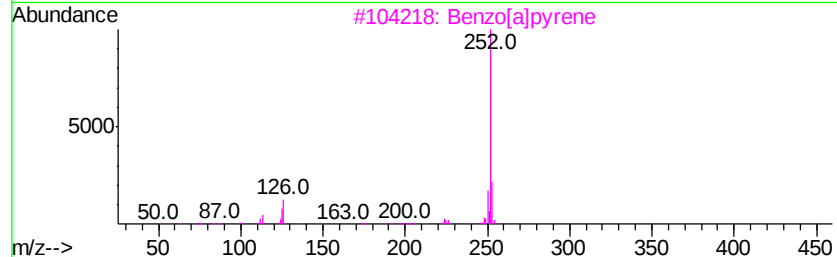
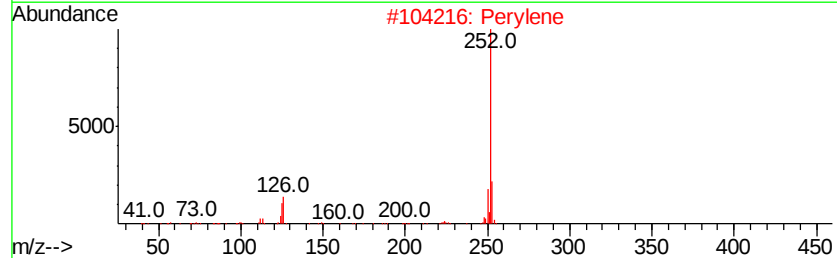
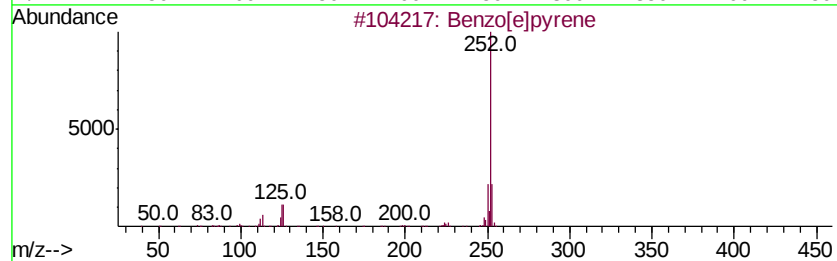
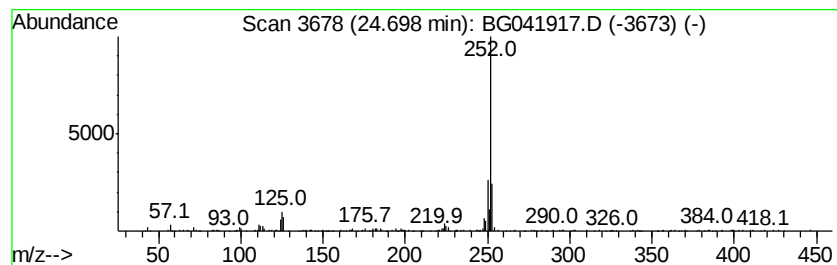
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	2.32 ng/ul	197627	Perylene-d12	25.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[el]pvrene		252	C20H12	000192-97-2	93
2	Perylene		252	C20H12	000198-55-0	93
3	Benzo[al]pvrene		252	C20H12	000050-32-8	91
4	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	91
5	Benzo[e]pyrene		252	C20H12	000192-97-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
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Sample : K3922-01
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ClientSampleId :
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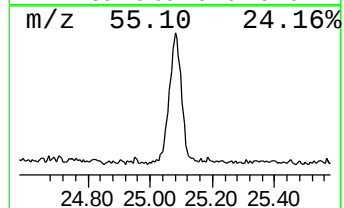
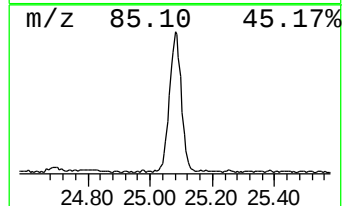
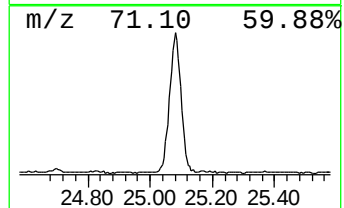
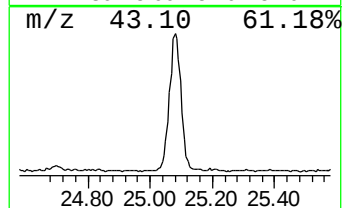
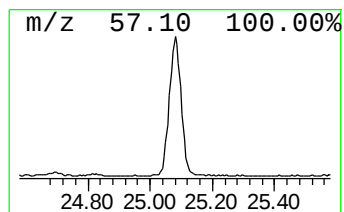
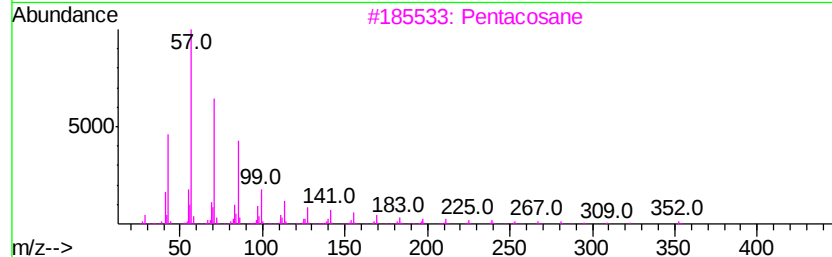
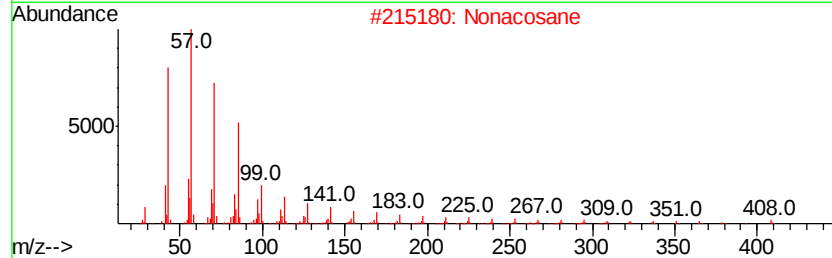
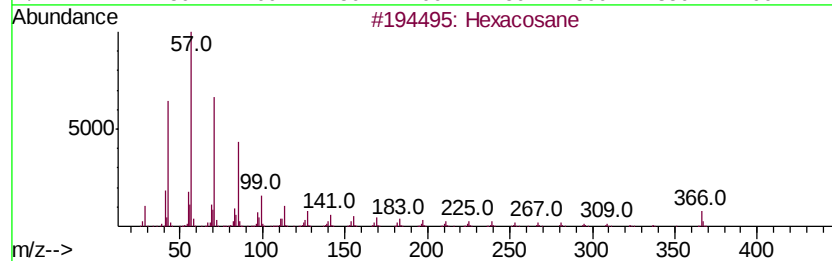
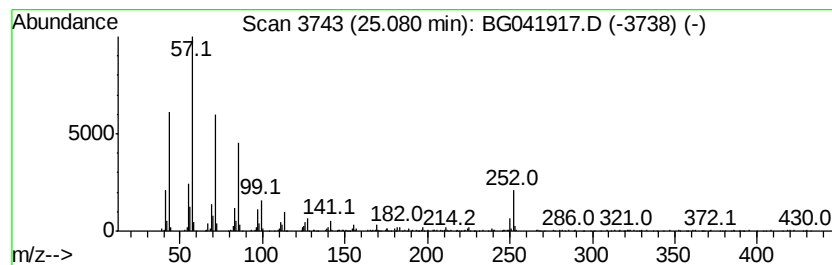
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	10.45 ng/ul	891467	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	95
2		Nonacosane	408	C29H60	000630-03-5	90
3		Pentacosane	352	C25H52	000629-99-2	81
4		Octacosane	394	C28H58	000630-02-4	81
5		Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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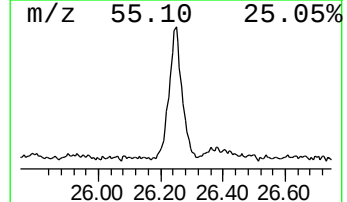
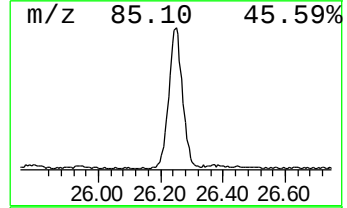
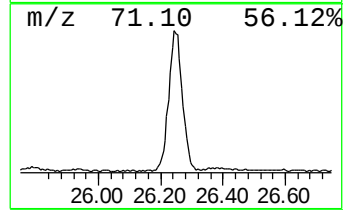
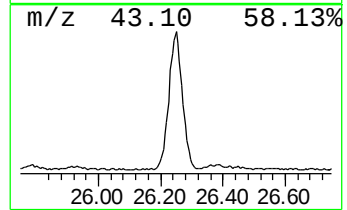
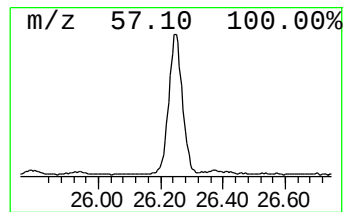
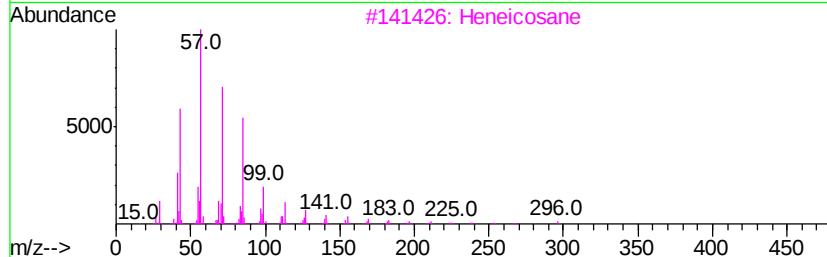
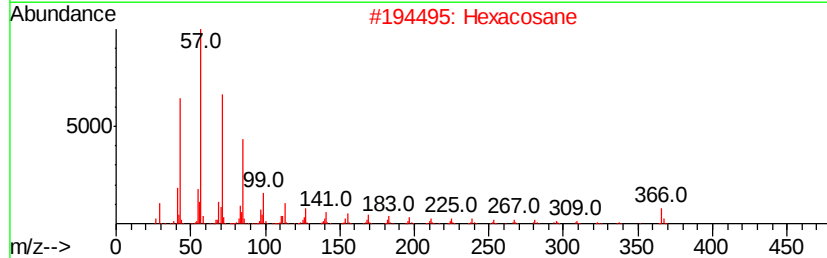
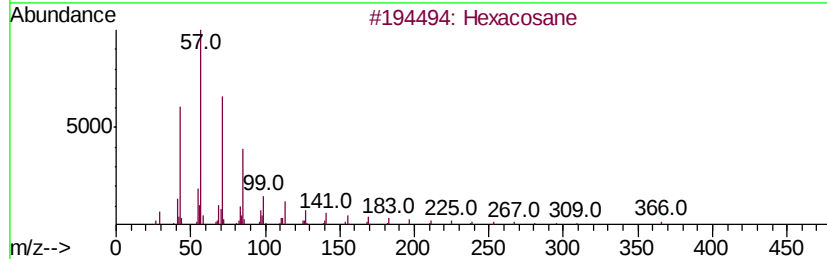
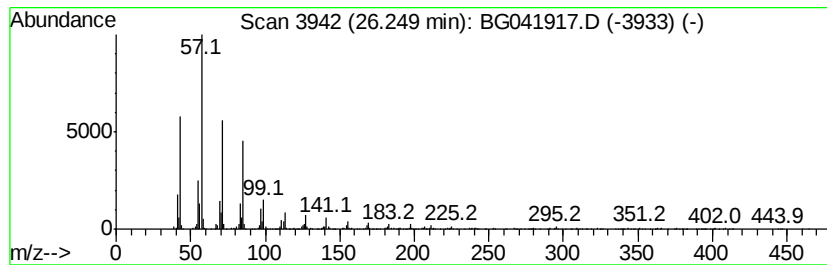
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	12.17 ng/ul	1038120	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	97
2		Hexacosane	366	C26H54	000630-01-3	96
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A52F0

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...	3.16	80.7	ng/ul	2392550	1	8.03	592695	20.0
n-Hexadecanoic acid	18.34	6.6	ng/ul	530187	4	17.45	1609730	20.0
Sulfurous acid, o...	21.38	2.2	ng/ul	245976	5	21.73	2201500	20.0
(DEL) Alkane: Str...	21.94	2.1	ng/ul	229713	5	21.73	2201500	20.0
(DEL) Alkane: Str...	22.56	4.7	ng/ul	520452	5	21.73	2201500	20.0
(DEL) Alkane: Str...	23.28	6.0	ng/ul	662748	5	21.73	2201500	20.0
(DEL) Alkane: Str...	24.10	9.8	ng/ul	839250	6	25.00	1706390	20.0
Benzo[e]pyrene	24.70	2.3	ng/ul	197627	6	25.00	1706390	20.0
(DEL) Alkane: Str...	25.08	10.4	ng/ul	891467	6	25.00	1706390	20.0
(DEL) Alkane: Str...	26.25	12.2	ng/ul	1038120	6	25.00	1706390	20.0