

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041947.D
 Acq On : 4 Aug 2019 18:14
 Operator : HP/JU
 Sample : K3962-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP07

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	3.159	7	12	31	rVB	1146270	1972858	98.92%	9.348%
2	3.423	54	57	67	rVB3	11123	22067	1.11%	0.105%
3	3.952	143	147	151	rVB6	3552	6096	0.31%	0.029%
4	4.087	166	170	174	rVV3	7640	11844	0.59%	0.056%
5	4.187	184	187	194	rVV5	3545	4971	0.25%	0.024%
6	4.522	241	244	246	rBV3	1252	2013	0.10%	0.010%
7	5.110	341	344	346	rBV4	2206	2927	0.15%	0.014%
8	5.227	361	364	367	rBV5	1889	2379	0.12%	0.011%
9	6.108	510	514	515	rBV3	1718	2215	0.11%	0.010%
10	7.184	688	697	713	rBV	205176	411618	20.64%	1.950%
11	7.354	719	726	741	rBV	153931	283876	14.23%	1.345%
12	7.565	754	762	772	rBV	228799	418634	20.99%	1.984%
13	8.036	835	842	850	rBV	219148	368783	18.49%	1.747%
14	8.741	956	962	975	rBV	208571	381001	19.10%	1.805%
15	8.864	980	983	992	rVB3	3080	6600	0.33%	0.031%
16	9.128	1019	1028	1032	rBV5	1606	3460	0.17%	0.016%
17	9.199	1032	1040	1052	rBV	223136	418220	20.97%	1.982%
18	9.369	1065	1069	1077	rVB4	3440	5985	0.30%	0.028%
19	9.933	1158	1165	1177	rBV	195602	372013	18.65%	1.763%
20	10.474	1250	1257	1276	rBV	305188	597362	29.95%	2.831%
21	10.862	1314	1323	1335	rBV	297754	554040	27.78%	2.625%
22	10.985	1337	1344	1365	rVB	231199	466299	23.38%	2.210%
23	12.448	1587	1593	1599	rVB2	5432	9158	0.46%	0.043%
24	13.224	1717	1725	1727	rBV2	2263	3130	0.16%	0.015%
25	13.306	1736	1739	1742	rBV2	2751	2820	0.14%	0.013%
26	13.835	1821	1829	1830	rBV2	1731	2200	0.11%	0.010%
27	14.011	1856	1859	1864	rBV	2274	2767	0.14%	0.013%
28	14.093	1866	1873	1877	rBV	589100	879377	44.09%	4.167%
29	14.140	1877	1881	1892	rVB	283143	429869	21.55%	2.037%
30	14.387	1915	1923	1938	rBV	682848	1109539	55.63%	5.258%
31	14.593	1955	1958	1964	rVB4	5106	7114	0.36%	0.034%
32	14.698	1968	1976	1984	rBV	464767	780319	39.13%	3.698%
33	14.875	1998	2006	2017	rBV	169274	321058	16.10%	1.521%
34	15.045	2033	2035	2038	rVB2	1938	2136	0.11%	0.010%

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35	15.104	2038	2045	2050	rVB5	18731	27293	1.37%	0.129%
36	15.509	2108	2114	2116	rBV3	3075	5488	0.28%	0.026%
37	15.550	2116	2121	2123	rBV2	2681	3113	0.16%	0.015%
38	15.691	2137	2145	2152	rBV	921283	1427812	71.59%	6.766%
39	15.738	2152	2153	2158	rVB2	7720	7598	0.38%	0.036%
40	15.803	2158	2164	2171	rBV	201230	302908	15.19%	1.435%
41	15.926	2180	2185	2193	rVB3	11166	20254	1.02%	0.096%
42	16.003	2193	2198	2200	rBV2	2014	2425	0.12%	0.011%
43	16.050	2203	2206	2211	rVB3	2694	4081	0.20%	0.019%
44	16.261	2239	2242	2248	rVB6	2697	4226	0.21%	0.020%
45	16.373	2257	2261	2266	rBV4	7907	13956	0.70%	0.066%
46	16.473	2274	2278	2284	rVB5	5206	8431	0.42%	0.040%
47	16.567	2289	2294	2296	rBV2	3421	5474	0.27%	0.026%
48	16.749	2319	2325	2326	rBV3	1583	2589	0.13%	0.012%
49	16.808	2332	2335	2338	rBV3	1776	2811	0.14%	0.013%
50	16.849	2338	2342	2349	rVV3	3662	7674	0.38%	0.036%
51	16.907	2349	2352	2355	rVB3	1694	2148	0.11%	0.010%
52	17.213	2399	2404	2405	rVV2	3533	4319	0.22%	0.020%
53	17.260	2409	2412	2414	rVV3	2776	3123	0.16%	0.015%
54	17.342	2422	2426	2427	rBV	4800	5079	0.25%	0.024%
55	17.354	2427	2428	2433	rVB4	5197	4983	0.25%	0.024%
56	17.448	2433	2444	2449	rBV2	610059	969055	48.59%	4.592%
57	17.489	2449	2451	2454	rVV	44057	52565	2.64%	0.249%
58	17.548	2454	2461	2472	rVB	991523	1540813	77.26%	7.301%
59	17.712	2485	2489	2490	rBV4	2942	3578	0.18%	0.017%
60	17.824	2504	2508	2509	rBV4	6533	6464	0.32%	0.031%
61	17.906	2519	2522	2525	rVB4	2326	2093	0.10%	0.010%
62	17.942	2525	2528	2529	rBV2	4167	3572	0.18%	0.017%
63	18.036	2541	2544	2548	rVB5	4810	6283	0.32%	0.030%
64	18.100	2548	2555	2557	rBV4	6717	11627	0.58%	0.055%
65	18.165	2564	2566	2568	rBV3	2350	2403	0.12%	0.011%
66	18.218	2568	2575	2578	rBV8	8304	12400	0.62%	0.059%
67	18.282	2582	2586	2587	rBV3	2219	2649	0.13%	0.013%
68	18.341	2590	2596	2600	rBV4	104579	166098	8.33%	0.787%
69	18.453	2612	2615	2617	rVB3	5950	5573	0.28%	0.026%
70	18.523	2621	2627	2632	rVV5	16219	36851	1.85%	0.175%
71	18.558	2632	2633	2637	rVB3	10274	8277	0.42%	0.039%

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72	18.641	2643	2647	2650	rBV5	6728	11163	0.56%	0.053%
73	18.717	2658	2660	2661	rBV2	3276	2413	0.12%	0.011%
74	18.817	2675	2677	2681	rBV4	7407	8202	0.41%	0.039%
75	19.034	2713	2714	2716	rBV2	5439	4365	0.22%	0.021%
76	19.234	2746	2748	2751	rBV4	12066	17497	0.88%	0.083%
77	19.264	2751	2753	2755	rVV3	6977	5675	0.28%	0.027%
78	19.463	2785	2787	2788	rBV2	15134	11461	0.57%	0.054%
79	19.499	2789	2793	2798	rVB	105352	145662	7.30%	0.690%
80	19.557	2801	2803	2807	rBV5	7919	8006	0.40%	0.038%
81	19.610	2808	2812	2816	rBV7	20050	32814	1.65%	0.155%
82	19.833	2844	2850	2861	rBV	1240845	1994379	100.00%	9.450%
83	20.057	2884	2888	2892	rBV	56500	74883	3.75%	0.355%
84	21.373	3108	3112	3122	rVB4	105492	211222	10.59%	1.001%
85	21.731	3166	3173	3179	rBV2	606155	1095009	54.90%	5.189%
86	23.470	3464	3469	3476	rVB	99840	187305	9.39%	0.888%
87	24.105	3571	3577	3584	rBV	103365	237668	11.92%	1.126%
88	24.786	3684	3693	3703	rBV	578053	1596114	80.03%	7.563%
89	25.016	3723	3732	3739	rBV2	319178	898937	45.07%	4.260%

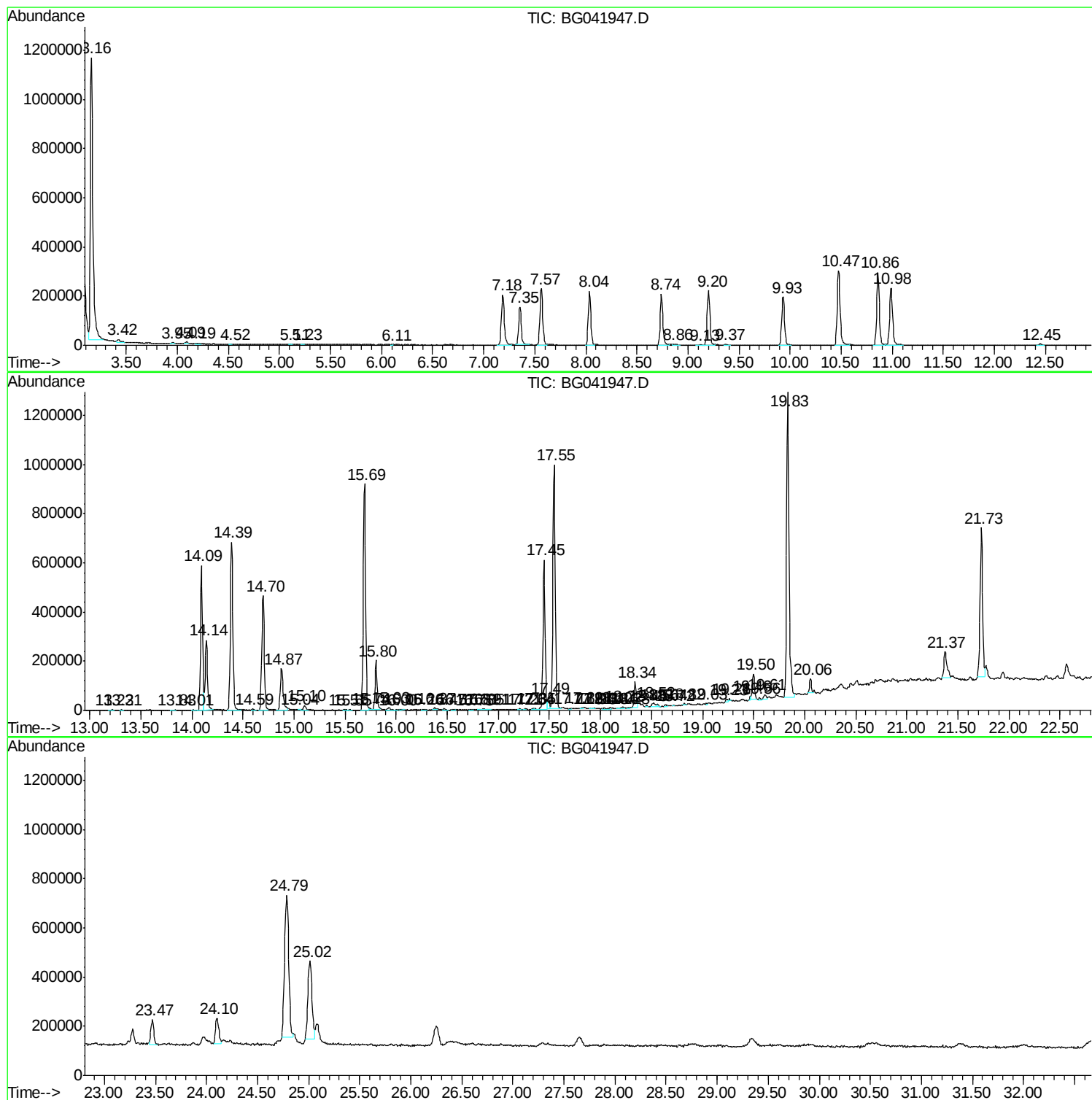
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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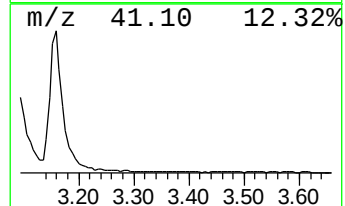
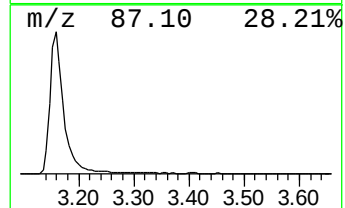
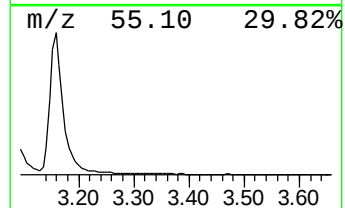
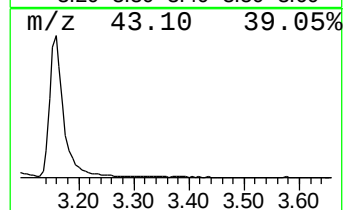
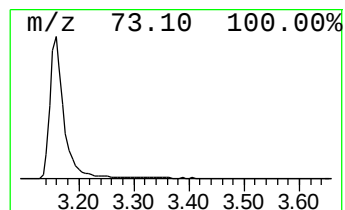
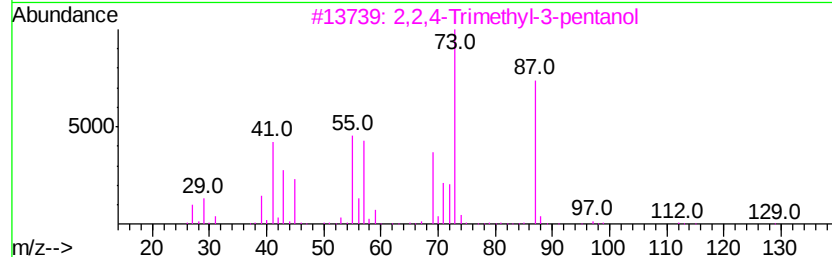
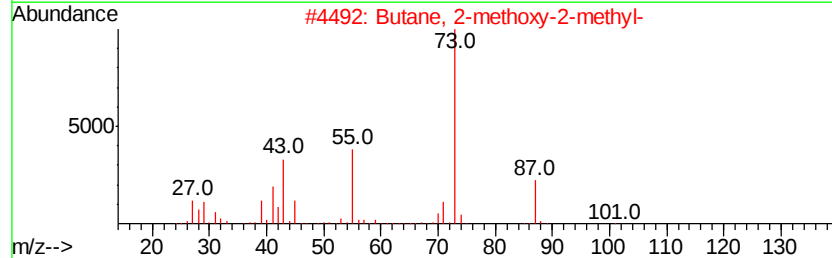
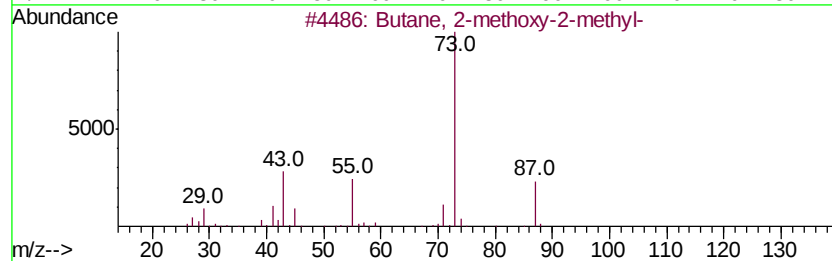
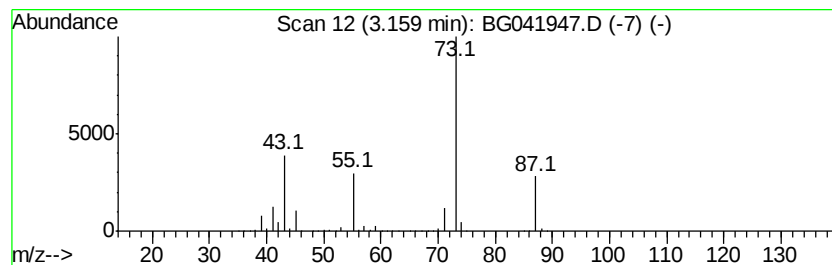
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	106.99 ng/ul	1972860	1,4-Dichlorobenzene-d4	8.04

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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25



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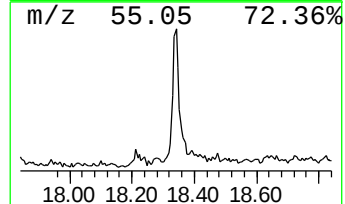
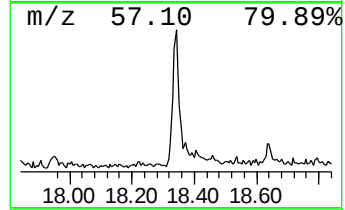
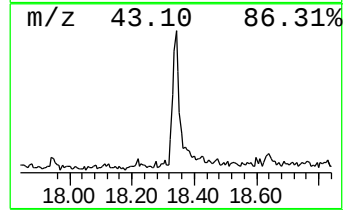
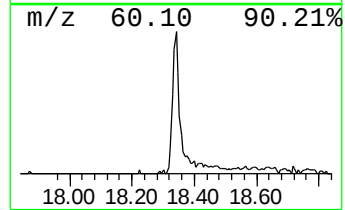
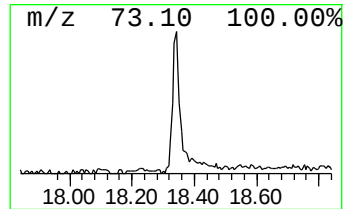
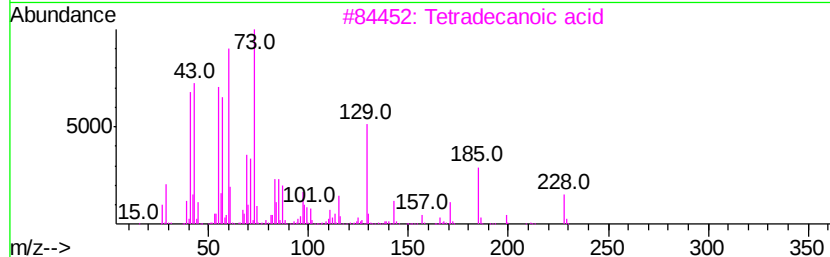
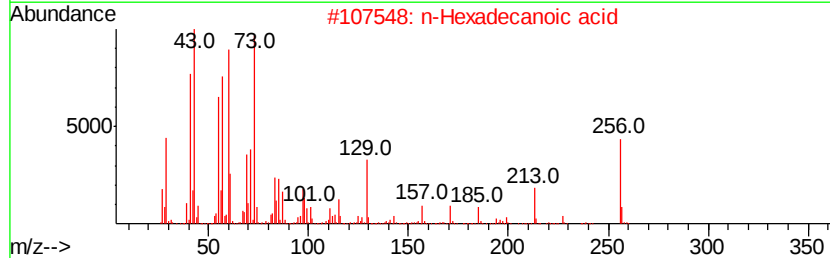
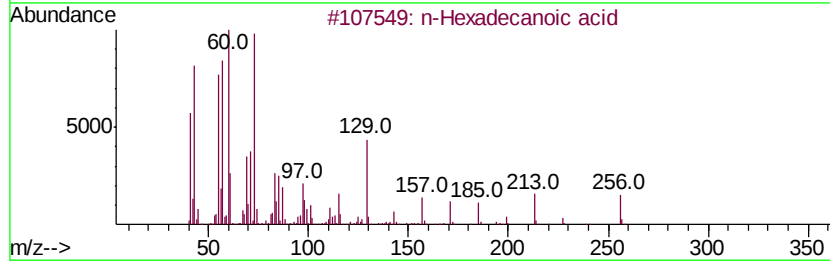
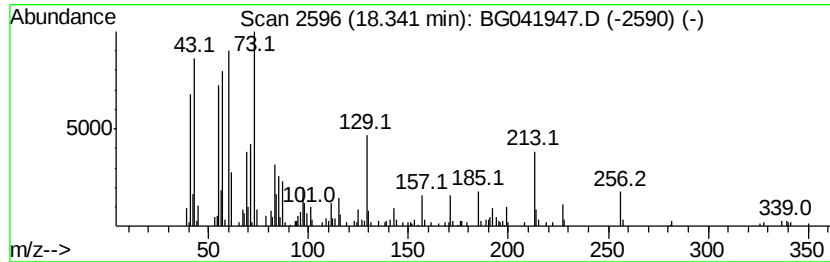
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Quant Title : SVOA CALIBRATION

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	3.43 ng/ul	166098	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			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Docosanoic acid	340	C22H44O2	000112-85-6	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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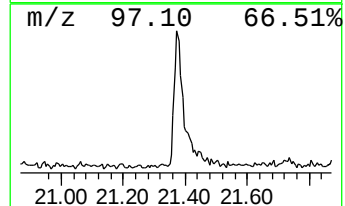
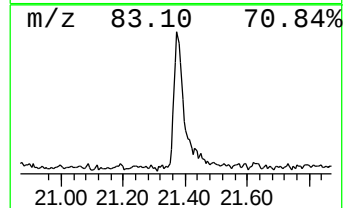
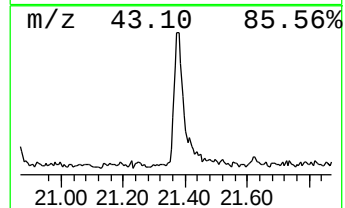
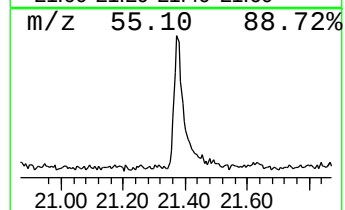
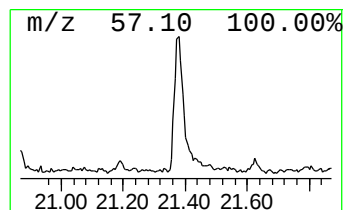
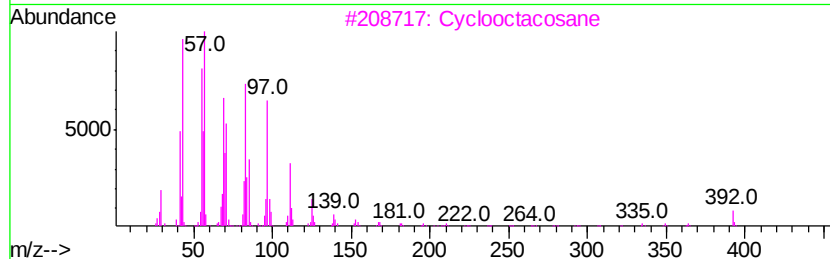
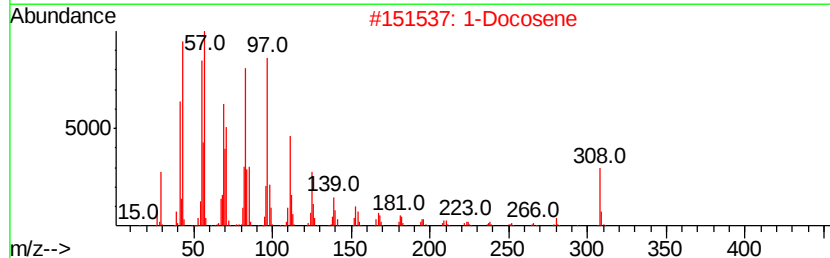
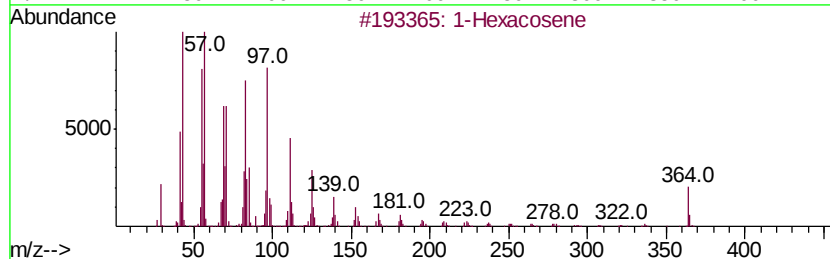
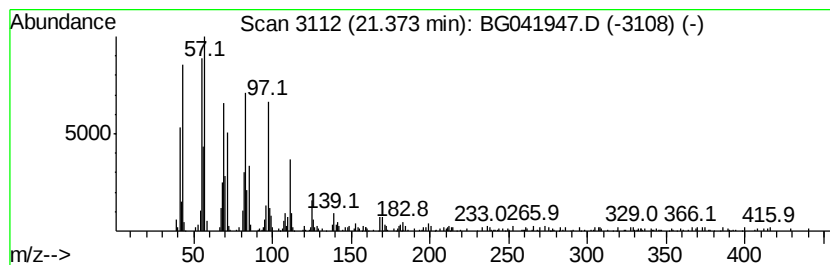
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic21.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.86 ng/ul	211222	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosene	364	C26H52	018835-33-1	98
2		1-Docosene	308	C22H44	001599-67-3	97
3		Cyclooctacosane	392	C28H56	000297-24-5	95
4		Cyclotetracosane	336	C24H48	000297-03-0	94
5		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94



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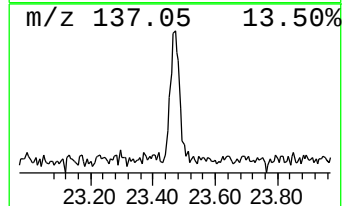
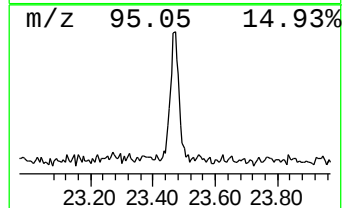
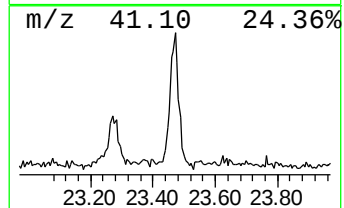
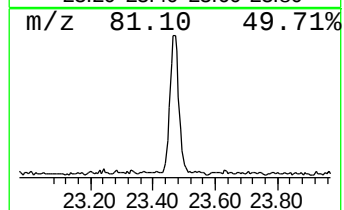
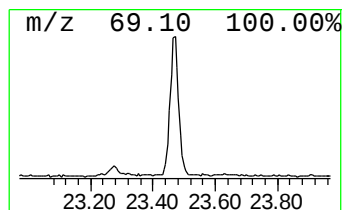
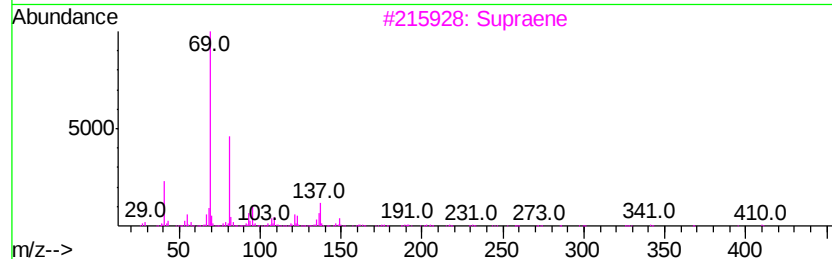
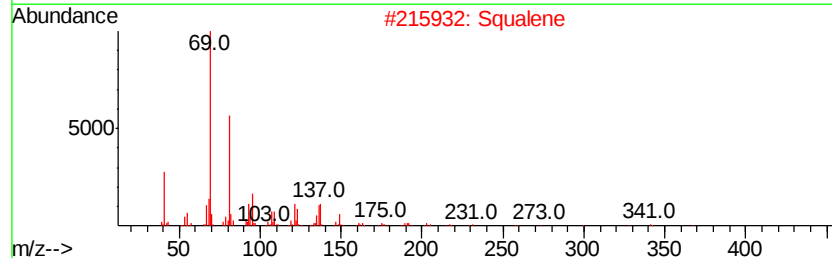
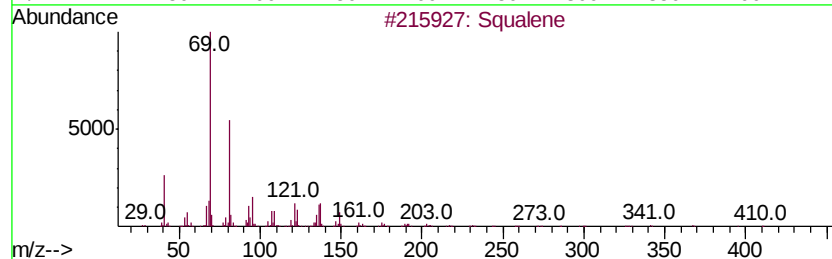
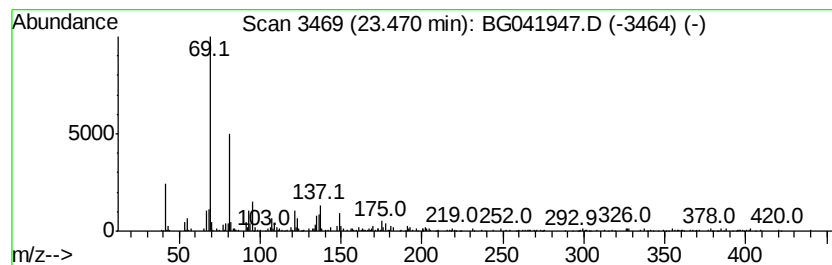
Instrument :
BNA_G
ClientSampleId :
BEP07

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 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	4.17 ng/ul	187305	Perylene-d12	25.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 87
2	Squalene		410 C30H50	000111-02-4 87
3	Supraene		410 C30H50	007683-64-9 83
4	Squalene		410 C30H50	000111-02-4 80
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041947.D
Acq On : 4 Aug 2019 18:14
Operator : HP/JU
Sample : K3962-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP07

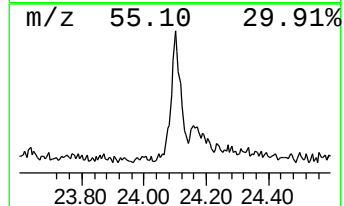
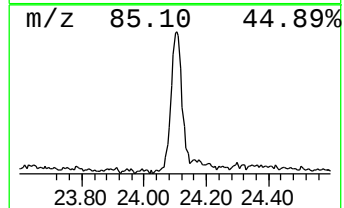
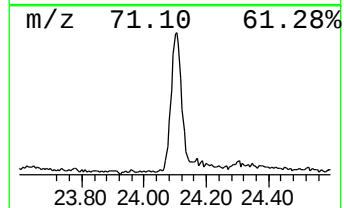
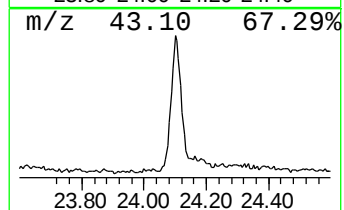
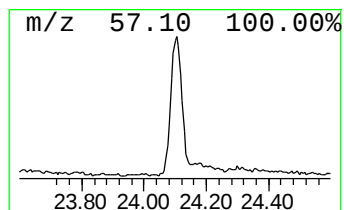
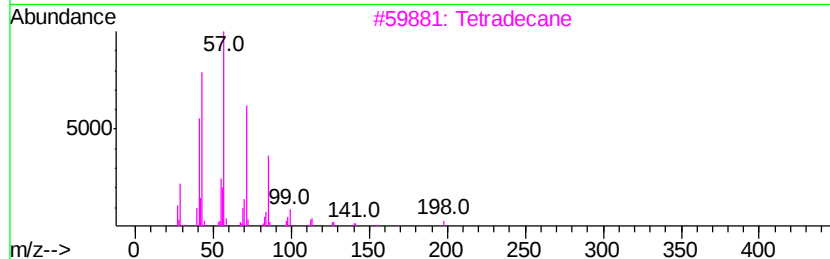
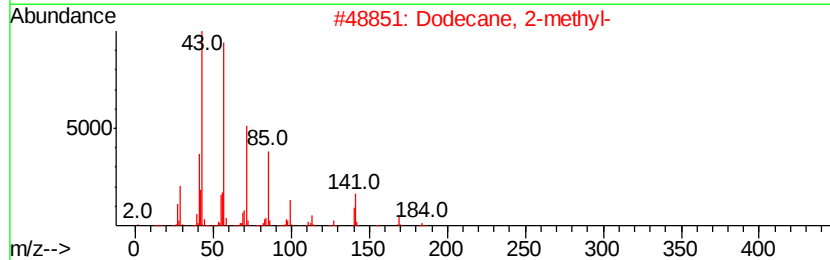
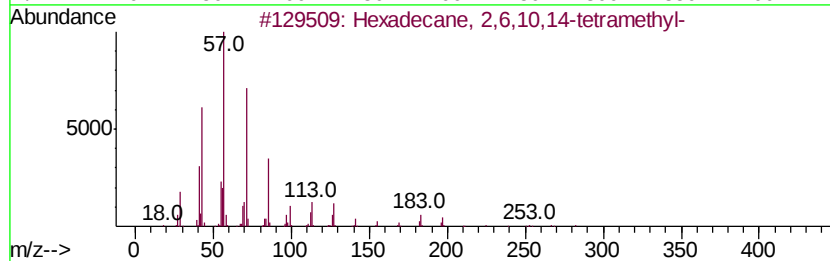
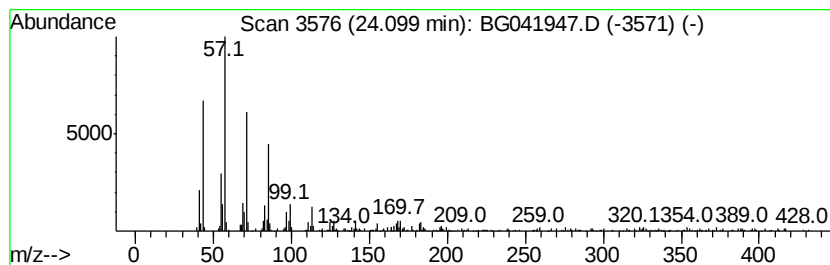
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	5.29 ng/ul	237668	Perylene-d12	25.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3		Tetradecane	198	C14H30	000629-59-4	87
4		Dodecane	170	C12H26	000112-40-3	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041947.D
Acq On : 4 Aug 2019 18:14
Operator : HP/JU
Sample : K3962-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP07

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	107.0	ng/ul	1972860	1	8.04	368783	20.0
n-Hexadecanoic acid	18.34	3.4	ng/ul	166098	4	17.45	969055	20.0
(DEL) Alkane: Cyc...	21.37	3.9	ng/ul	211222	5	21.73	1095010	20.0
Squalene	23.47	4.2	ng/ul	187305	6	25.02	898937	20.0
(DEL) Alkane: Str...	24.10	5.3	ng/ul	237668	6	25.02	898937	20.0