LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041958.D
Acq On : 5 Aug 2019 1:16
Operator : HP/JU
Sample : K3962-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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

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	33	rVB	1012613	1751640	100.00%	8.276%
2	3.418	53	56	62	rVB4	8809	12828	0.73%	0.061%
3	4.082	165	169	178	rVB4	7718	15601	0.89%	0.074%
4	4.182	181	186	192	rVB7	2845	5868	0.34%	0.028%
5	5.110	339	344	348	rVB3	3023	4100	0.23%	0.019%
6	7.184	689	697	711	rBV	181695	350737	20.02%	1.657%
7	7.355	719	726	742	rBV	127855	237534	13.56%	1.122%
8	7.560	751	761	775	rBV	182765	356547	20.36%	1.685%
9	8.036	835	842	851	rBV	224723	396026	22.61%	1.871%
10	8.741	954	962	975	rBV	194428	372729	21.28%	1.761%
11	8.865	979	983	987	rVB5	2262	3712	0.21%	0.018%
12	9.199	1032	1040	1053	rBV	181053	346765	19.80%	1.638%
13	9.928	1157	1164	1179	rBV	159606	304455	17.38%	1.438%
14	10.416	1244	1247	1250	rBV3	1546	2294	0.13%	0.011%
15	10.474	1250	1257	1276	rVV	243688	488866	27.91%	2.310%
16	10.856	1315	1322	1334	rBV	307570	583297	33.30%	2.756%
17	10.986	1337	1344	1358	rVV	198604	408829	23.34%	1.932%
18	12.384	1579	1582	1587	rVB3	3332	4840	0.28%	0.023%
19	12.449	1587	1593	1599	rBV3	3596	6841	0.39%	0.032%
20	12.678	1627	1632	1636	rBV2	1071	1827	0.10%	0.009%
21	13.301	1735	1738	1743	rVB4	1759	2986	0.17%	0.014%
22	13.929	1840	1845	1851	rVB5	4693	7312	0.42%	0.035%
23	14.094	1865	1873	1877	rBV	467633	729395	41.64%	3.446%
24	14.141	1877	1881	1892	rVB	231344	349355	19.94%	1.651%
25	14.387	1916	1923	1936	rVV	583831	909473	51.92%	4.297%
26	14.552	1948	1951	1955	rVB3	1492	1906	0.11%	0.009%
27	14.593	1955	1958	1961	rBV4	1353	1859	0.11%	0.009%
28	14.693	1966	1975	1984	rBV	531577	850329	48.54%	4.018%
29	14.834	1994	1999	2000	rBV3	3418	4984	0.28%	0.024%
30	14.875	2000	2006	2011	rVV	150909	258807	14.78%	1.223%
31	14.934	2011	2016	2032	rVB	224598	411443	23.49%	1.944%
32	15.104	2041	2045	2049	rBV5	10233	12956	0.74%	0.061%
33	15.427	2097	2100	2108	rVB2	5485	8244	0.47%	0.039%
34	15.504	2108	2113	2114	rBV2	1453	2122	0.12%	0.010%

LSC Area Percent Report

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Sample : K3962-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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

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

35	15.651	2132	2138	2139	rBV	51253	60940	3.48%	0.288%
36	15.686	2139	2144	2156	rVV	754732	1190455	67.96%	5.625%
37	15.803	2158	2164	2174	rVV	138328	223134	12.74%	1.054%
38	15.933	2181	2186	2192	rVB3	8088	13220	0.75%	0.062%
39	16.179	2224	2228	2230	rBV3	1310	1935	0.11%	0.009%
40	16.379	2257	2262	2265	rBV4	2745	5055	0.29%	0.024%
41	16.409	2265	2267	2270	rVB3	2654	2200	0.13%	0.010%
42	16.473	2273	2278	2283	rVB4	4007	5418	0.31%	0.026%
43	16.550	2287	2291	2294	rBV4	4140	5974	0.34%	0.028%
44	16.843	2336	2341	2346	rBV3	18974	30544	1.74%	0.144%
45	16.979	2360	2364	2368	rVB5	2045	2597	0.15%	0.012%
46	17.202	2399	2402	2406	rBV4	3135	5072	0.29%	0.024%
47	17.337	2422	2425	2433	rBV4	6323	11036	0.63%	0.052%
48	17.449	2433	2444	2454	rVV2	640947	1050737	59.99%	4.964%
49	17.543	2454	2460	2469	rVV2	813437	1289723	73.63%	6.094%
50	17.613	2469	2472	2480	rVV5	13971	27913	1.59%	0.132%
51	17.707	2483	2488	2497	rVV7	3729	10997	0.63%	0.052%
52	17.795	2500	2503	2505	rBV2	1564	1814	0.10%	0.009%
53	17.825	2505	2508	2511	rBV3	3317	4148	0.24%	0.020%
54	17.948	2525	2529	2533	rBV6	3393	5287	0.30%	0.025%
55	18.054	2543	2547	2548	rBV3	2061	1892	0.11%	0.009%
56	18.089	2548	2553	2555	rVV5	3410	5937	0.34%	0.028%
57	18.118	2555	2558	2561	rVB3	1705	2457	0.14%	0.012%
58	18.212	2569	2574	2582	rBV3	30206	59814	3.41%	0.283%
59	18.342	2591	2596	2604	rBV	170622	261500	14.93%	1.236%
60	18.489	2619	2621	2624	rBV4	2149	1990	0.11%	0.009%
61	18.588	2635	2638	2642	rVB6	2793	3882	0.22%	0.018%
62	18.647	2643	2648	2649	rBV4	4964	7116	0.41%	0.034%
63	18.823	2675	2678	2680	rBV4	3588	4141	0.24%	0.020%
64	19.064	2717	2719	2722	rBV4	2934	2712	0.15%	0.013%
65	19.188	2737	2740	2742	rBV4	2666	3124	0.18%	0.015%
66	19.211	2742	2744	2747	rVB3	3530	3948	0.23%	0.019%
67	19.270	2747	2754	2756	rBV6	7258	13365	0.76%	0.063%
68	19.476	2784	2789	2790	rBV3	17157	23483	1.34%	0.111%
69	19.493	2790	2792	2797	rVB2	15686	24233	1.38%	0.114%
70	19.611	2809	2812	2817	rBV7	16129	26615	1.52%	0.126%
71	19.717	2828	2830	2835	rVB	8249	9251	0.53%	0.044%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BEP09

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

72	19.834	2843	2850	2865	rBV	1095404	1621304	92.56%	7.660%
73	20.151	2902	2904	2905	rBV2	5373	2593	0.15%	0.012%
74	21.373	3108	3112	3121	rBV3	107887	208690	11.91%	0.986%
75	21.732	3166	3173	3181	rBV2	663122	1173386	66.99%	5.544%
76	22.566	3310	3315	3329	rBV4	56350	156601	8.94%	0.740%
77	23.471	3461	3469	3478	rVB	803029	1617532	92.34%	7.642%
78	24.100	3571	3576	3582	rVB	65441	128906	7.36%	0.609%
79	24.781	3682	3692	3704	rBV	490646	1440840	82.26%	6.808%
80	25.004	3721	3730	3739	rBV	373541	1044446	59.63%	4.935%
81	26.244	3937	3941	3951	rVB2	59281	152510	8.71%	0.721%
82	31.785	4882	4884	4885	rBV2	11756	8320	0.47%	0.039%

Sum of corrected areas: 21165294

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Operator : HP/JU
Sample : K3962-16
Misc :
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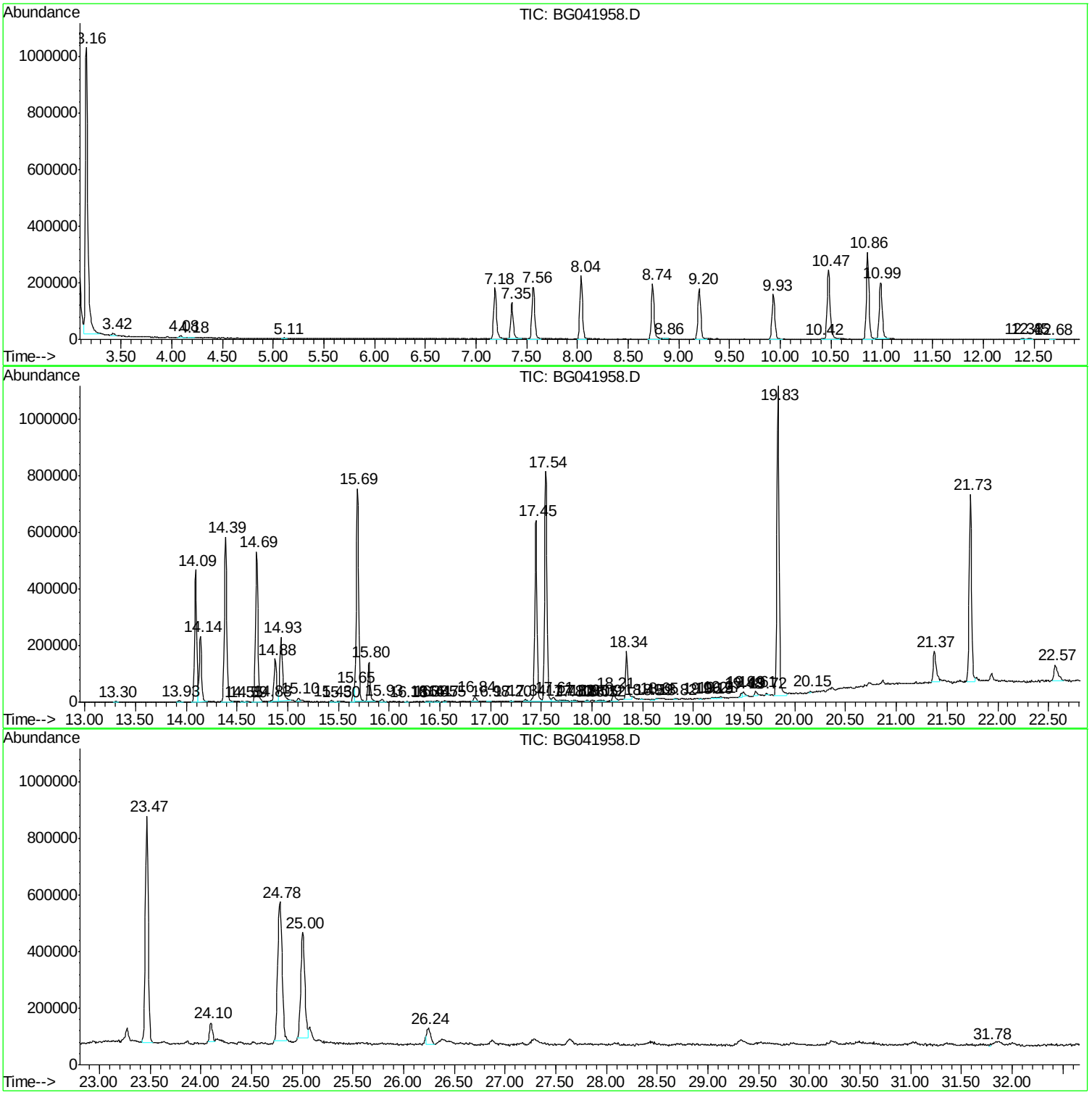
Instrument :
BNA_G
ClientSampleId :
BEP09

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041958.D
Acq On : 5 Aug 2019 1:16
Operator : HP/JU
Sample : K3962-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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

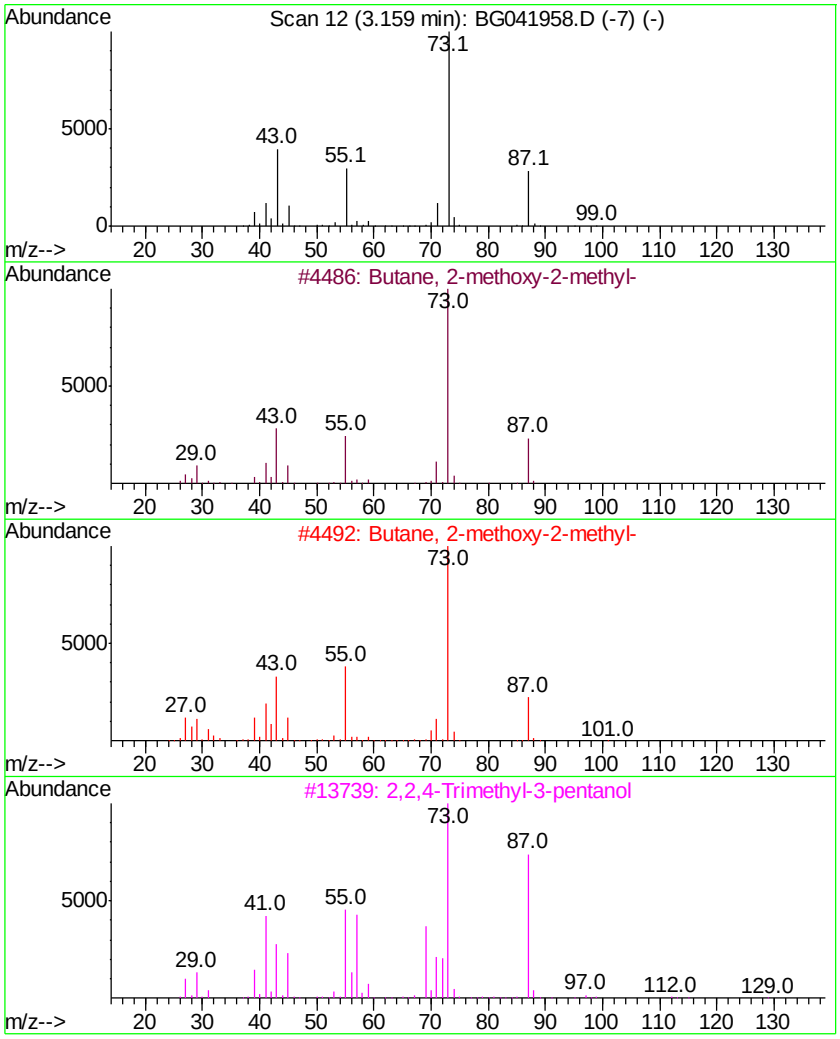
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

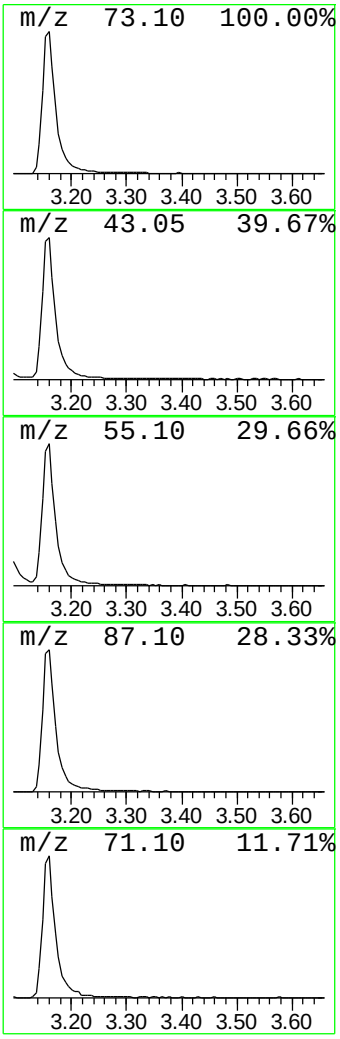
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	88.46 ng/ul	1751640	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





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Sample : K3962-16
Misc :
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Instrument : BNA_G
ClientSampleId : BEP09

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

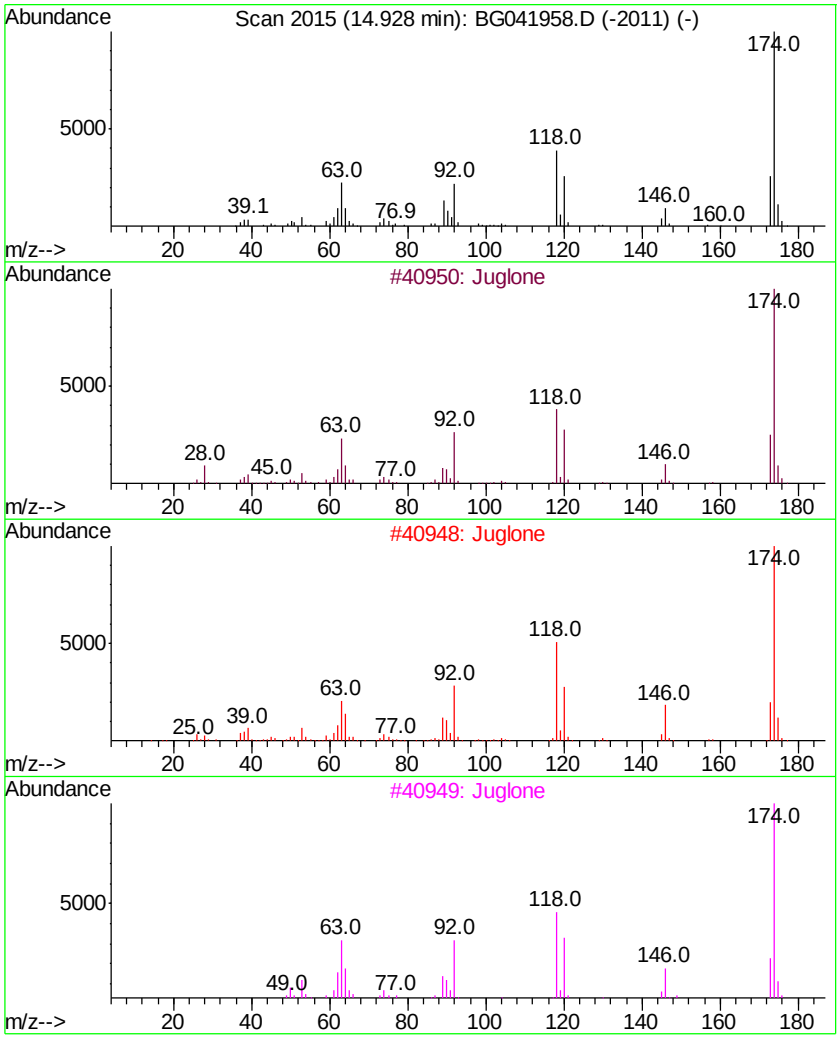
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

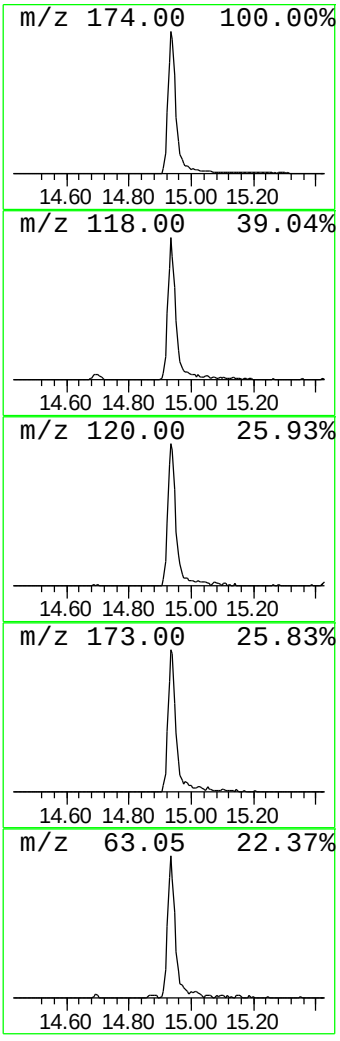
****

Peak Number 2 Juglone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	9.68 ng/ul	411443	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	98
2	Juglone	174	C10H6O3	000481-39-0	93
3	Juglone	174	C10H6O3	000481-39-0	58
4	1,4-Naphthalenedione, 2-hydroxy-	174	C10H6O3	000083-72-7	38
5	2,3-Dimethylchromone	174	C11H10O2	017584-90-6	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Instrument : BNA_G
ClientSampleId : BEP09

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

TIC Library : C:\DATABASE\NIST11.L
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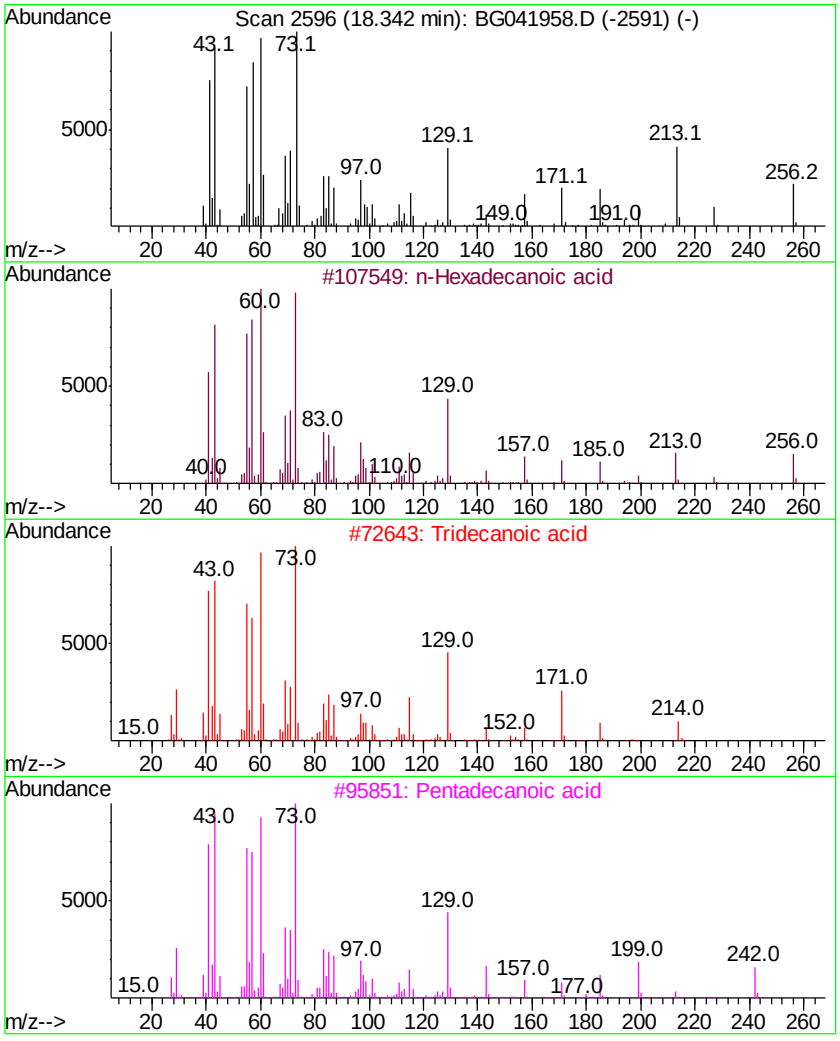
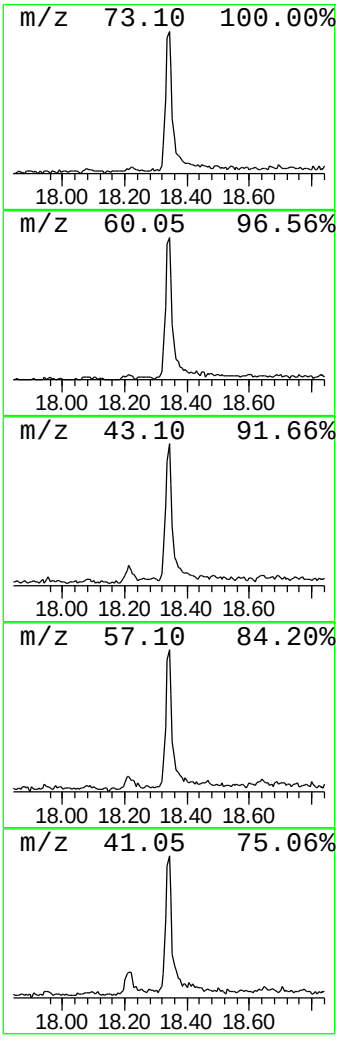
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.98 ng/ul	261500	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : BEP09

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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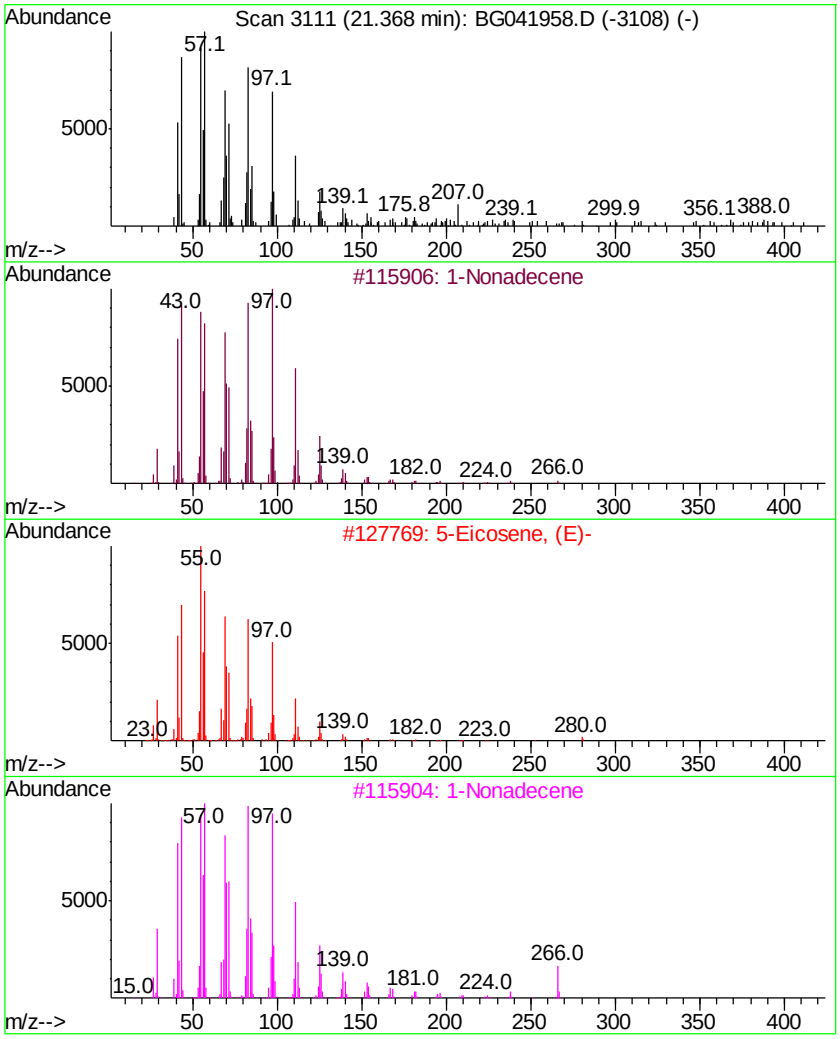
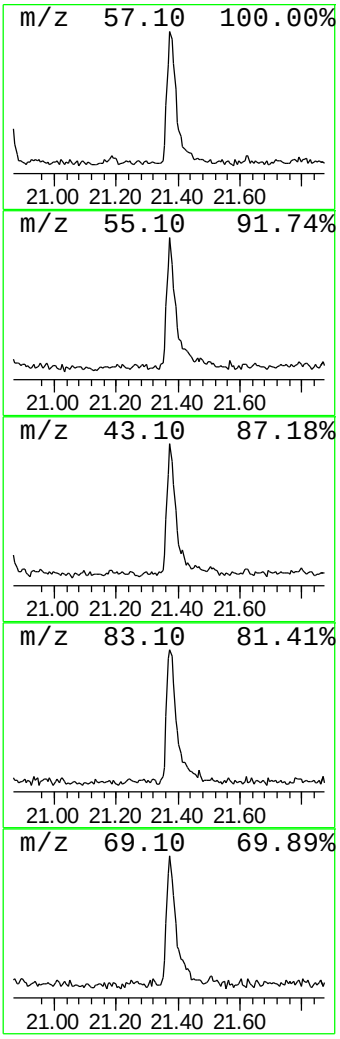
Peak Number 4 (DEL) Alkane: Cyclic21.37 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.56 ng/ul	208690	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	Cycloeicosane	280	C20H40	000296-56-0	95
5	1-Eicosene	280	C20H40	003452-07-1	95





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Sample : K3962-16
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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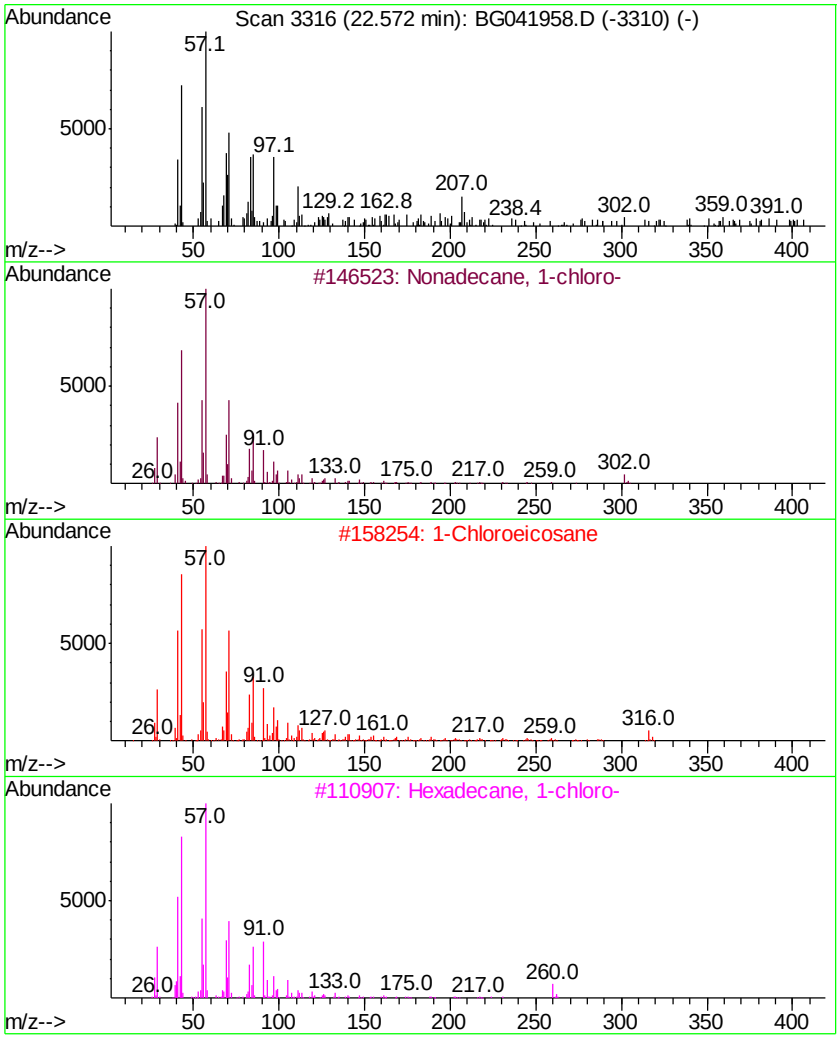
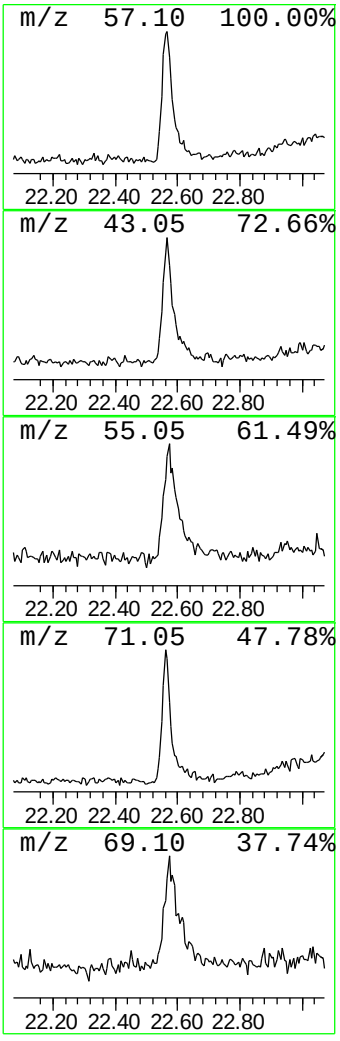
Peak Number 5 Nonadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.67 ng/ul	156601	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	91
2	1-Chloroeicosane	316	C20H41Cl	042217-02-7	91
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Data File : BG041958.D
Acq On : 5 Aug 2019 1:16
Operator : HP/JU
Sample : K3962-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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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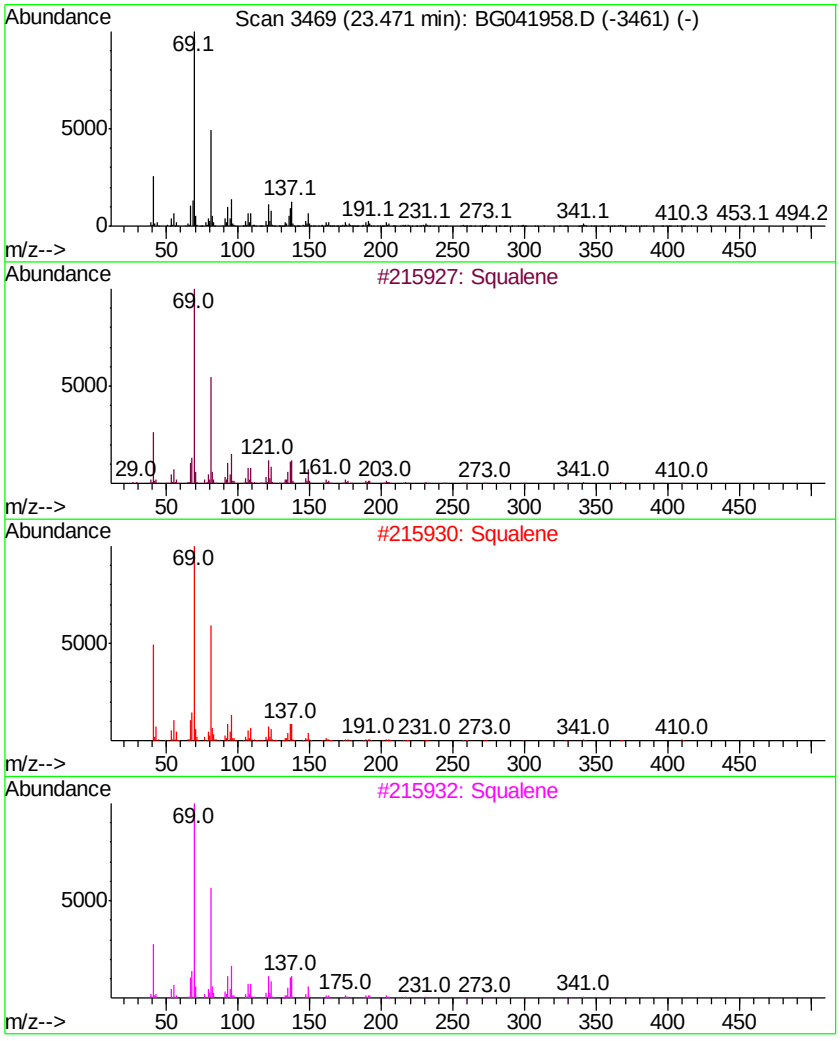
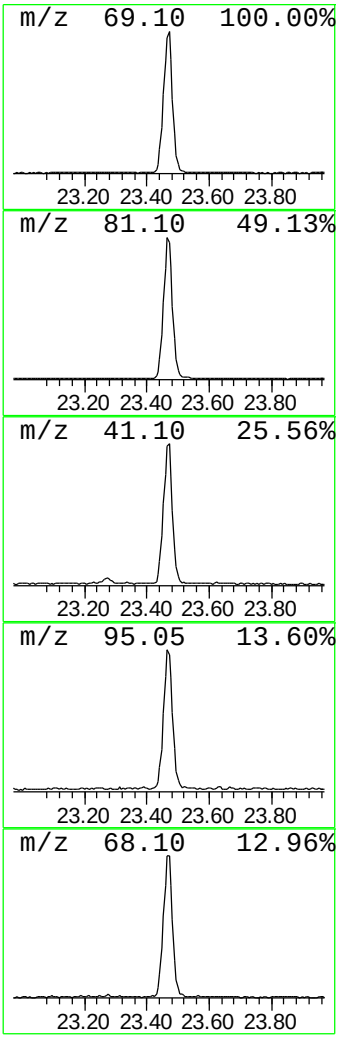
Peak Number 6 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	30.97 ng/ul	1617530	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Squalene	410	C30H50	000111-02-4	98
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	91
5	Supraene	410	C30H50	007683-64-9	90





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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041958.D
Acq On : 5 Aug 2019 1:16
Operator : HP/JU
Sample : K3962-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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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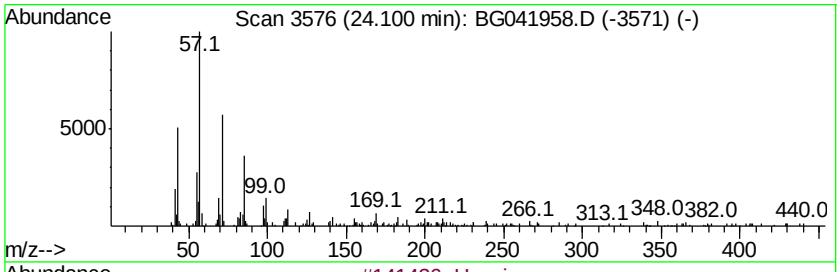
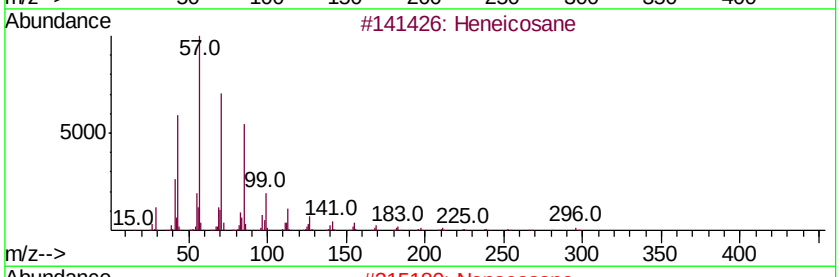
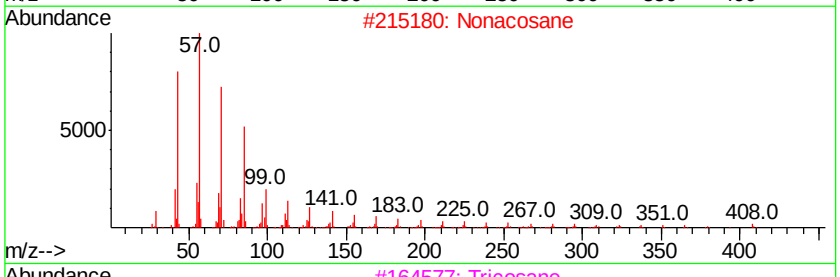
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

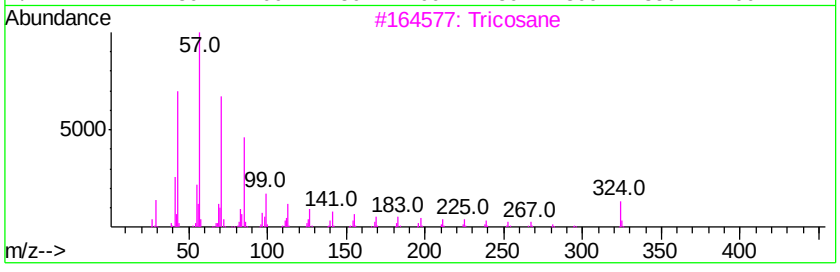
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.47 ng/ul	128906	Perylene-d12	25.00

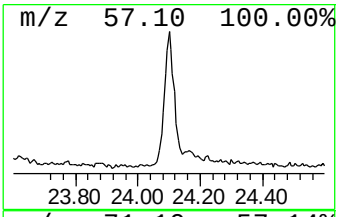
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonacosane	408	C29H60	000630-03-5	89
3	Tricosane	324	C23H48	000638-67-5	89
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	76
5	Heneicosane	296	C21H44	000629-94-7	76

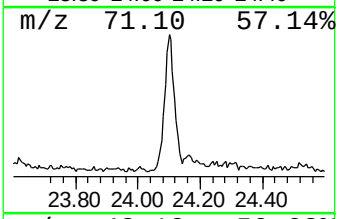


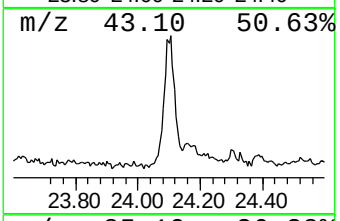


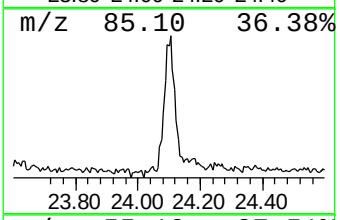


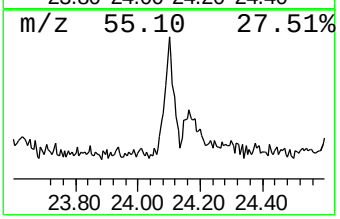












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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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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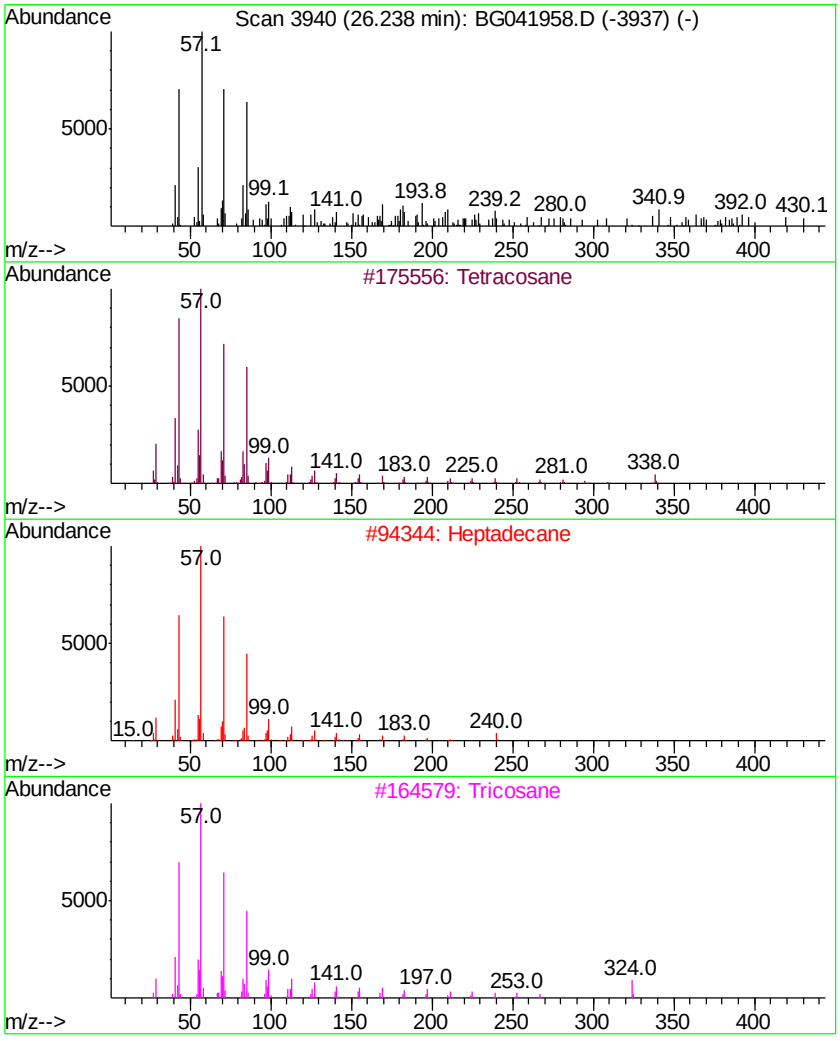
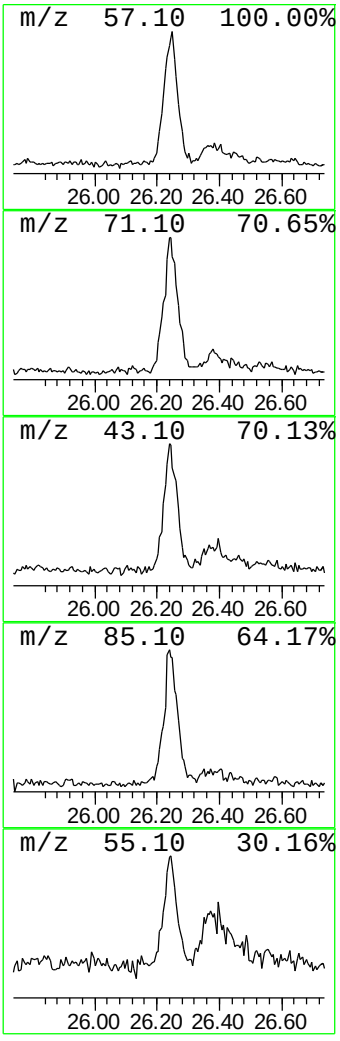
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	2.92 ng/ul	152510	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tricosane	324	C23H48	000638-67-5	83
4	Eicosane	282	C20H42	000112-95-8	58
5	Tetradecane	198	C14H30	000629-59-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\
Data File : BG041958.D
Acq On : 5 Aug 2019 1:16
Operator : HP/JU
Sample : K3962-16
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP09

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	88.5	ng/ul	1751640	1	8.04	396026	20.0
Juglone	14.93	9.7	ng/ul	411443	3	14.69	850329	20.0
n-Hexadecanoic acid	18.34	5.0	ng/ul	261500	4	17.45	1050740	20.0
(DEL) Alkane: Cyc...	21.37	3.6	ng/ul	208690	5	21.73	1173390	20.0
Nonadecane, 1-chl...	22.57	2.7	ng/ul	156601	5	21.73	1173390	20.0
Squalene	23.47	31.0	ng/ul	1617530	6	25.00	1044450	20.0
(DEL) Alkane: Str...	24.10	2.5	ng/ul	128906	6	25.00	1044450	20.0
(DEL) Alkane: Str...	26.24	2.9	ng/ul	152510	6	25.00	1044450	20.0