LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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	3.140	5	9	37	rVB	1836290	3098481	100.00%	7.127%
2	3.411	50	55	62	rVB2	13053	21052	0.68%	0.048%
3	4.074	161	168	173	rBV	15631	27183	0.88%	0.063%
4	4.168	179	184	193	rVV	40961	67469	2.18%	0.155%
5	4.533	242	246	256	rVB5	9119	15616	0.50%	0.036%
6	7.183	687	697	710	rVV	286810	548106	17.69%	1.261%
7	7.341	718	724	741	rVB	221034	385642	12.45%	0.887%
8	7.553	752	760	772	rBV	313876	563666	18.19%	1.297%
9	8.023	833	840	849	rBV	265404	464820	15.00%	1.069%
10	8.734	954	961	978	rBV	373415	692608	22.35%	1.593%
11	9.192	1028	1039	1048	rBV	282731	515888	16.65%	1.187%
12	9.357	1060	1067	1075	rVB2	29113	48781	1.57%	0.112%
13	9.921	1155	1163	1174	rBV	250684	467361	15.08%	1.075%
14	10.467	1247	1256	1273	rBV	409990	795918	25.69%	1.831%
15	10.849	1312	1321	1327	rBV	382718	700980	22.62%	1.612%
16	10.896	1327	1329	1334	rVV	23269	36001	1.16%	0.083%
17	10.978	1334	1343	1365	rVB	338650	678943	21.91%	1.562%
18	12.435	1580	1591	1598	rBV2	9091	22013	0.71%	0.051%
19	12.512	1598	1604	1612	rVV2	16061	29872	0.96%	0.069%
20	12.735	1636	1642	1647	rBV	12715	22069	0.71%	0.051%
21	13.510	1769	1774	1779	rBV5	9590	19355	0.62%	0.045%
22	13.863	1825	1834	1838	rBV5	8288	20650	0.67%	0.047%
23	14.010	1853	1859	1863	rBV2	14781	24025	0.78%	0.055%
24	14.086	1863	1872	1876	rVV	712250	1115987	36.02%	2.567%
25	14.127	1876	1879	1885	rVV	96378	150345	4.85%	0.346%
26	14.380	1914	1922	1938	rVB	905853	1491484	48.14%	3.431%
27	14.686	1963	1974	1980	rBV	640657	1037589	33.49%	2.387%
28	14.744	1980	1984	1994	rVB	51561	88938	2.87%	0.205%
29	14.879	2001	2007	2022	rBV	187162	394411	12.73%	0.907%
30	15.085	2037	2042	2049	rVB	40238	68908	2.22%	0.158%
31	15.355	2084	2088	2094	rVB3	12955	20508	0.66%	0.047%
32	15.479	2102	2109	2115	rBV6	10332	26909	0.87%	0.062%
33	15.679	2134	2143	2149	rBV	1197445	1803608	58.21%	4.149%
34	15.731	2149	2152	2157	rVB	52132	79009	2.55%	0.182%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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	15.796	2157	2163	2172	rBV	212324	353892	11.42%	0.814%
36	15.919	2177	2184	2192	rVB4	16616	41110	1.33%	0.095%
37	16.025	2198	2202	2210	rVB	21068	37602	1.21%	0.086%
38	16.178	2220	2228	2235	rVV3	22110	52440	1.69%	0.121%
39	16.248	2235	2240	2248	rVV6	15203	33551	1.08%	0.077%
40	16.401	2260	2266	2273	rVV6	20237	44556	1.44%	0.102%
41	16.548	2287	2291	2299	rBV8	7933	15153	0.49%	0.035%
42	16.742	2316	2324	2328	rVV6	16505	37478	1.21%	0.086%
43	16.789	2328	2332	2338	rVV4	9906	21565	0.70%	0.050%
44	16.971	2356	2363	2366	rVV5	15405	28586	0.92%	0.066%
45	17.006	2366	2369	2373	rVV5	14039	24542	0.79%	0.056%
46	17.089	2377	2383	2391	rVV3	34181	65569	2.12%	0.151%
47	17.189	2391	2400	2405	rVV6	24908	61731	1.99%	0.142%
48	17.253	2407	2411	2420	rVB	38086	62311	2.01%	0.143%
49	17.435	2436	2442	2446	rBV2	751823	1191089	38.44%	2.740%
50	17.482	2446	2450	2454	rVV	619494	925738	29.88%	2.129%
51	17.535	2454	2459	2471	rVB	1182473	2011359	64.91%	4.626%
52	17.841	2506	2511	2518	rBV2	53647	93738	3.03%	0.216%
53	17.958	2529	2531	2536	rVB2	13781	14840	0.48%	0.034%
54	18.023	2537	2542	2546	rBV2	15026	24465	0.79%	0.056%
55	18.105	2552	2556	2561	rBV7	11000	19233	0.62%	0.044%
56	18.317	2587	2592	2596	rVV	83127	129753	4.19%	0.298%
57	18.364	2596	2600	2605	rVV	119748	185619	5.99%	0.427%
58	18.440	2609	2613	2619	rVV	31909	51144	1.65%	0.118%
59	18.510	2619	2625	2629	rVV3	123148	227250	7.33%	0.523%
60	18.546	2629	2631	2636	rVB	58652	71394	2.30%	0.164%
61	18.622	2639	2644	2647	rBV3	23132	36714	1.18%	0.084%
62	18.657	2647	2650	2655	rVB6	15658	26022	0.84%	0.060%
63	18.810	2671	2676	2680	rBV	66072	108008	3.49%	0.248%
64	18.851	2680	2683	2689	rVB2	41620	61426	1.98%	0.141%
65	19.028	2710	2713	2715	rBV4	12689	16099	0.52%	0.037%
66	19.057	2715	2718	2722	rVV	41614	53574	1.73%	0.123%
67	19.145	2730	2733	2737	rVB	20324	25241	0.81%	0.058%
68	19.227	2743	2747	2754	rVB3	41103	72009	2.32%	0.166%
69	19.368	2766	2771	2777	rBV2	55941	97496	3.15%	0.224%
70	19.492	2784	2792	2797	rVV	1099185	1540677	49.72%	3.544%
71	19.550	2797	2802	2805	rVB4	21758	34558	1.12%	0.079%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

72	19.592	2805	2809	2812	rBV5	15299	19757	0.64%	0.045%
73	19.827	2842	2849	2852	rBV	1628709	2701872	87.20%	6.215%
74	19.850	2852	2853	2861	rVV	923468	977785	31.56%	2.249%
75	19.921	2861	2865	2872	rVB2	55636	103966	3.36%	0.239%
76	20.026	2880	2883	2890	rVB2	57993	113048	3.65%	0.260%
77	20.173	2903	2908	2915	rBV3	67433	174757	5.64%	0.402%
78	20.344	2927	2937	2942	rBV2	169812	357757	11.55%	0.823%
79	20.444	2950	2954	2958	rVB	76592	95031	3.07%	0.219%
80	20.502	2960	2964	2968	rVB2	72102	109260	3.53%	0.251%
81	20.643	2985	2988	2991	rBV	45490	57933	1.87%	0.133%
82	21.107	3063	3067	3074	rVB	91504	155988	5.03%	0.359%
83	21.337	3103	3106	3107	rBV	55982	58293	1.88%	0.134%
84	21.366	3108	3111	3119	rVV2	176175	409037	13.20%	0.941%
85	21.442	3121	3124	3133	rVB2	97817	185647	5.99%	0.427%
86	21.718	3162	3171	3176	rBV2	937763	2330414	75.21%	5.360%
87	21.765	3176	3179	3192	rVB	461169	748539	24.16%	1.722%
88	21.924	3201	3206	3211	rBV	164538	260676	8.41%	0.600%
89	22.541	3306	3311	3318	rVB2	235757	383268	12.37%	0.882%
90	23.252	3426	3432	3440	rVB	289336	575095	18.56%	1.323%
91	23.957	3543	3552	3559	rBV	330537	1121427	36.19%	2.579%
92	24.075	3566	3572	3579	rVB	363948	786815	25.39%	1.810%
93	24.686	3670	3676	3681	rBV	144728	360665	11.64%	0.830%
94	24.768	3682	3690	3697	rVV	717099	1851632	59.76%	4.259%
95	24.838	3698	3702	3716	rVB	279476	661458	21.35%	1.521%
96	24.991	3719	3728	3734	rBV2	482756	1481043	47.80%	3.407%
97	26.207	3927	3935	3946	rVB3	299592	966873	31.20%	2.224%
98	27.600	4165	4172	4184	rVB2	133433	435397	14.05%	1.001%
99	31.965	4904	4915	4935	rVB5	319350	1708619	55.14%	3.930%
100	32.523	5003	5010	5030	rVB3	174794	841687	27.16%	1.936%

Sum of corrected areas: 43475466

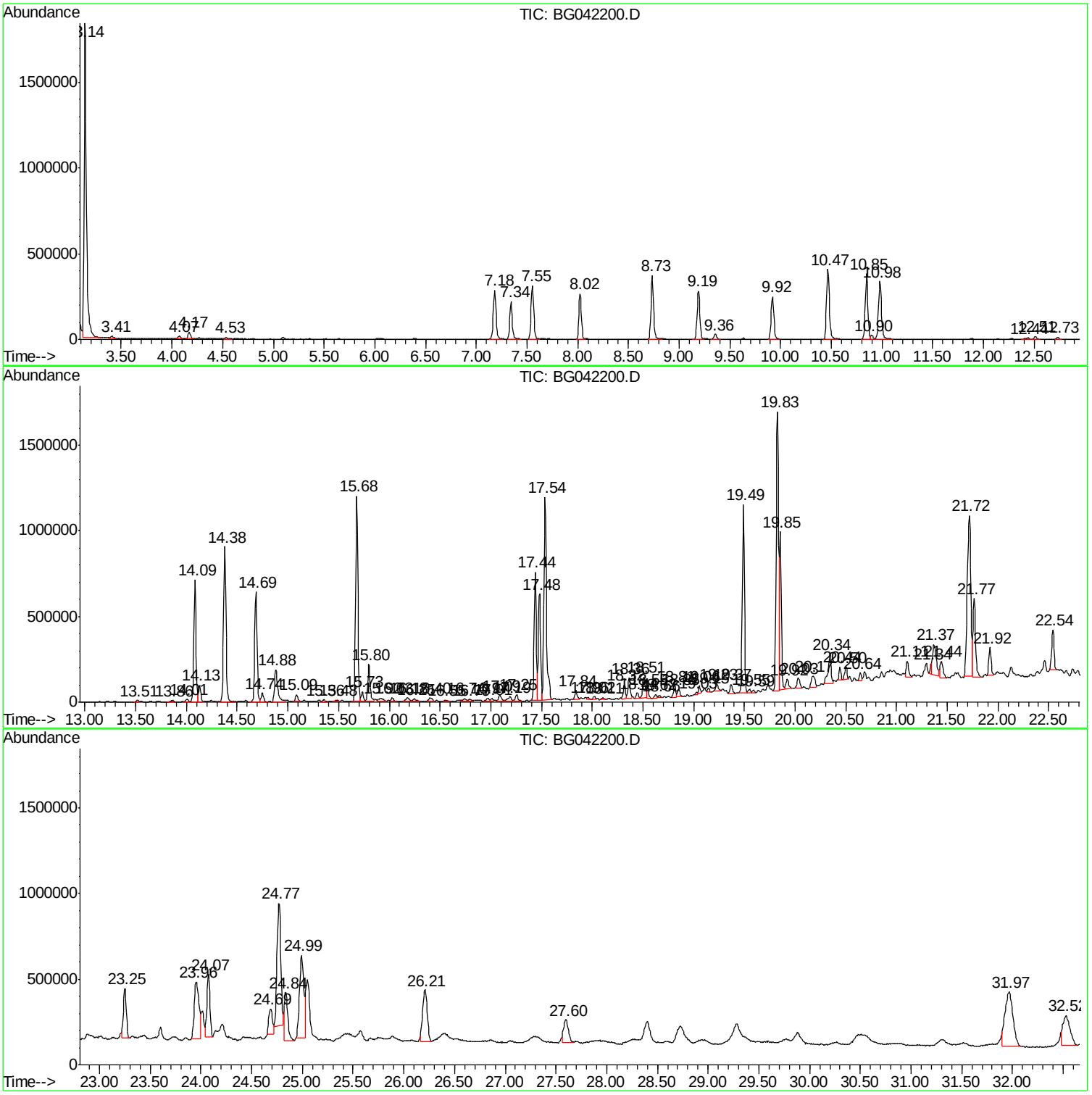
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

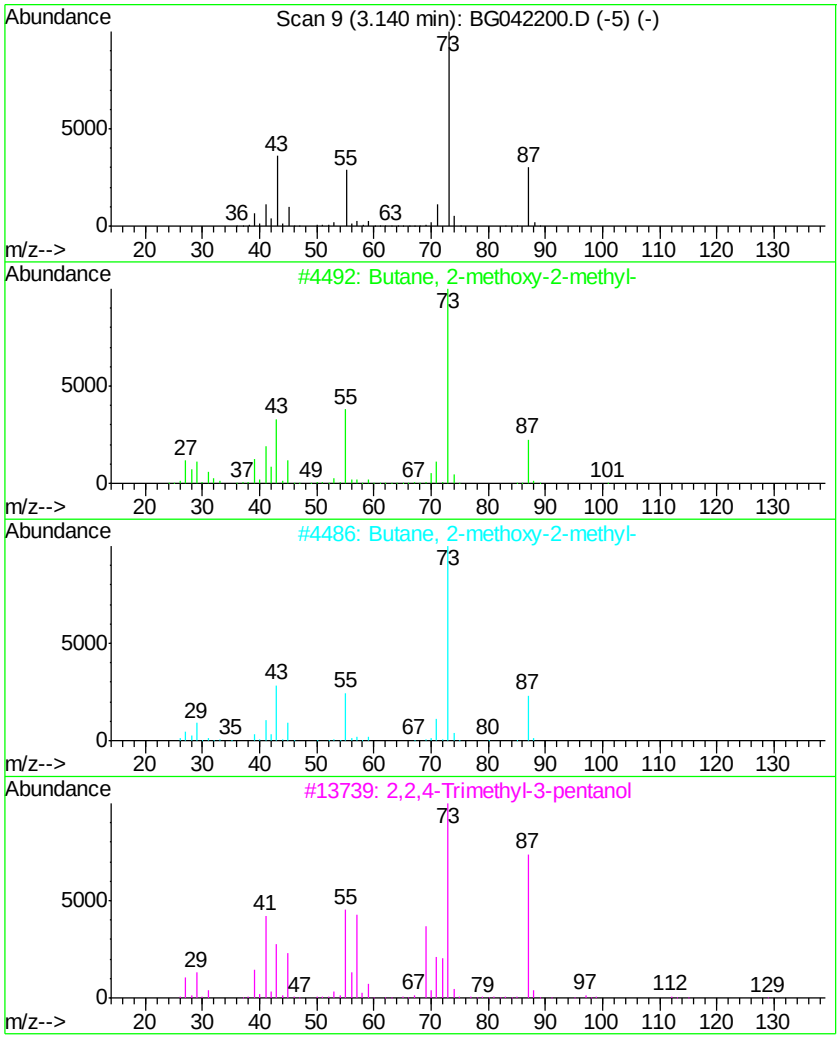
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

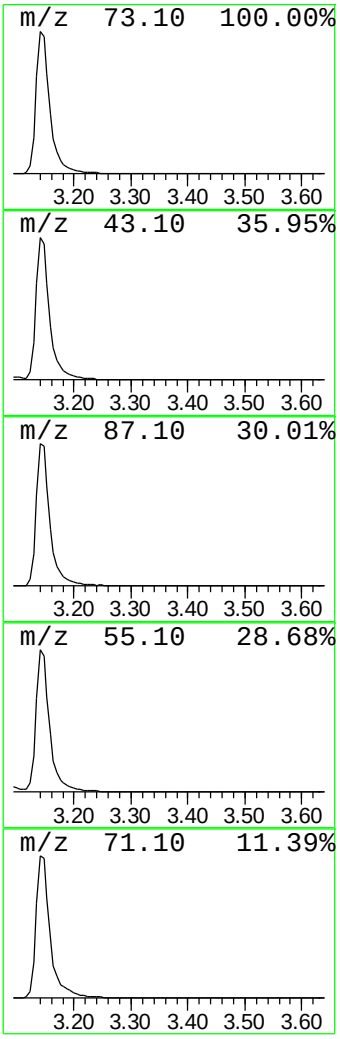
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	133.32 ng/ul	3098480	1,4-Dichlorobenzene-d4	8.02

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

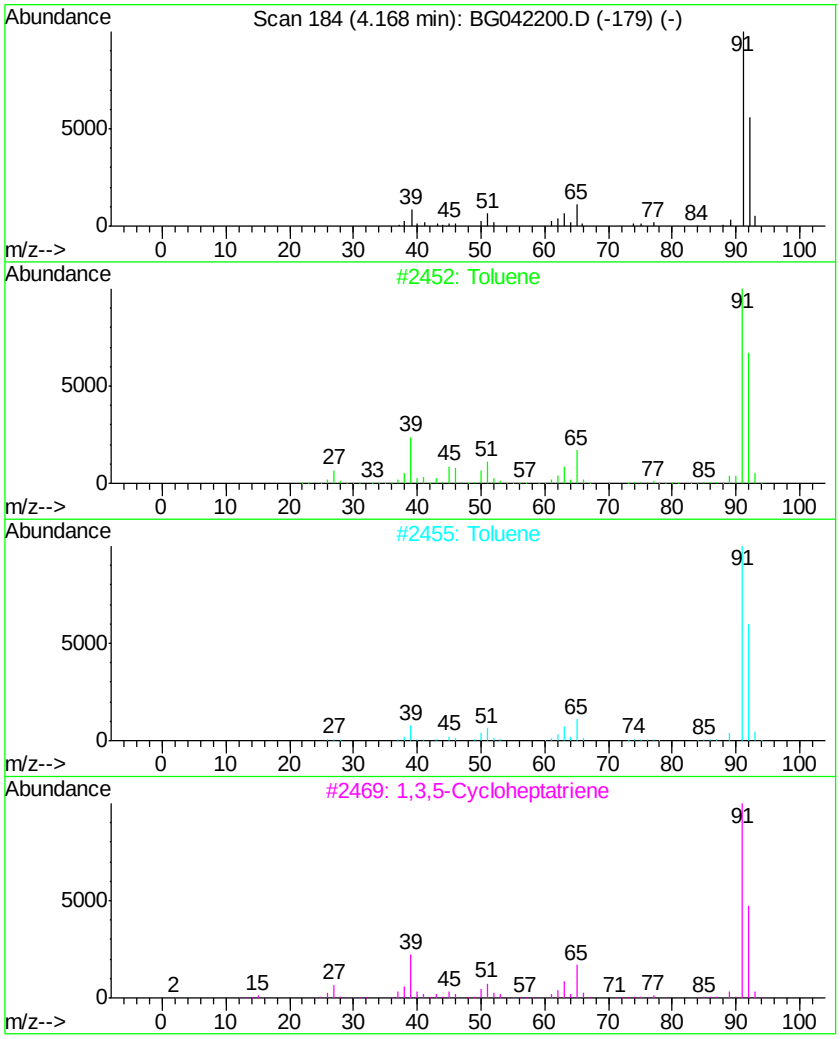
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

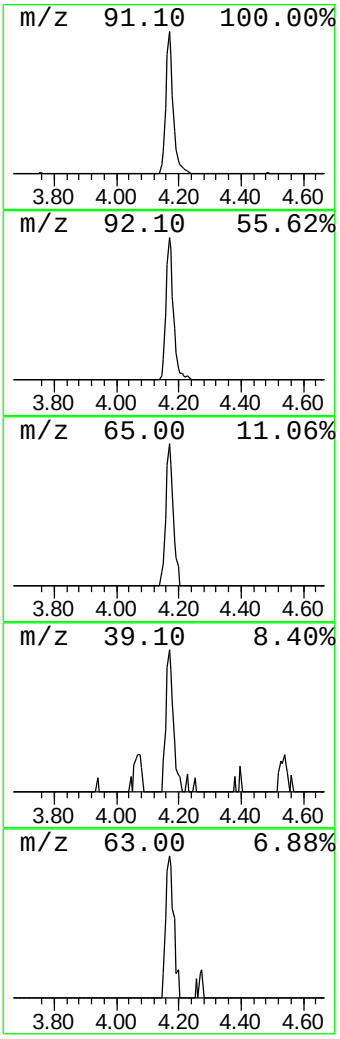
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	2.90 ng/ul	67469	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

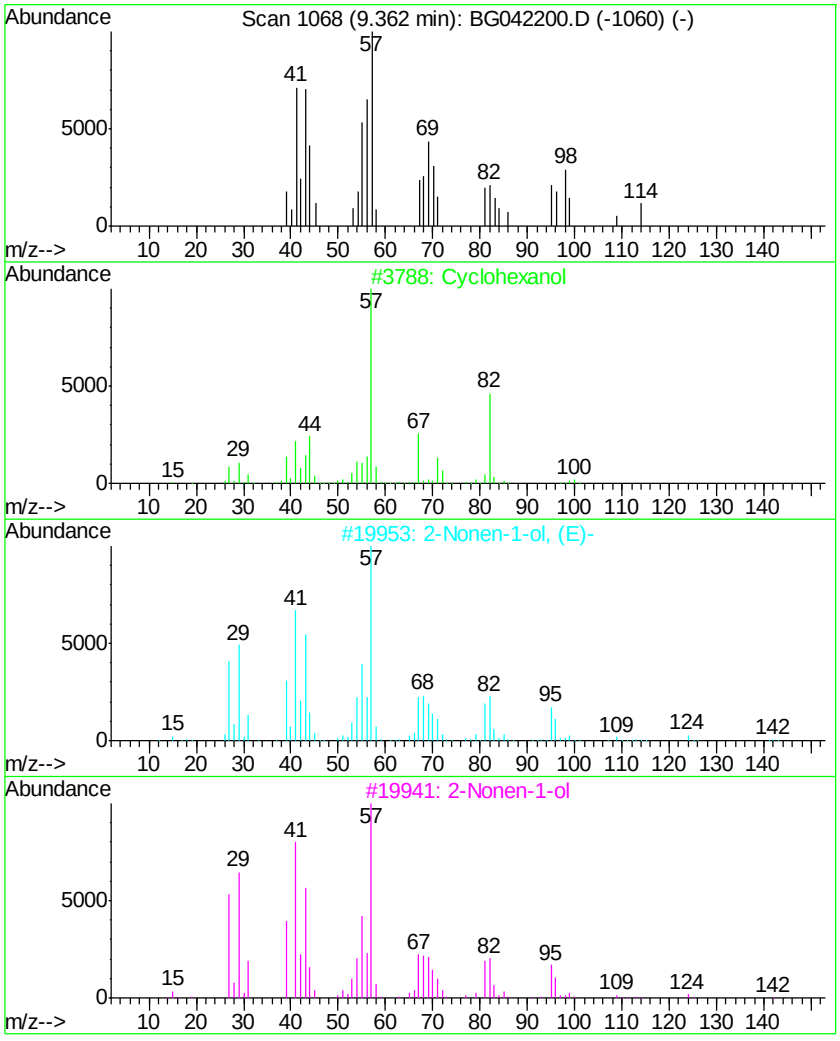
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

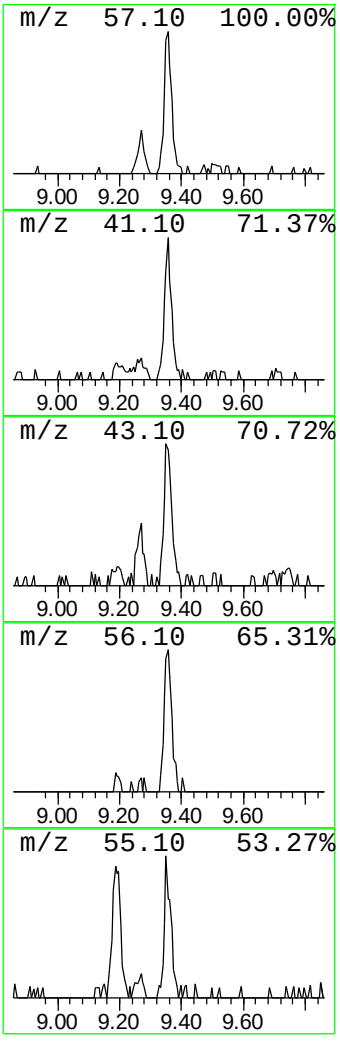
****

Peak Number 3 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.10 ng/ul	48781	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	35
2	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35
3	2-Nonen-1-ol	142	C9H18O	022104-79-6	27
4	1H-Pyrrole, 2,5-dihydro-1-nitroso-	98	C4H6N2O	010552-94-0	27
5	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

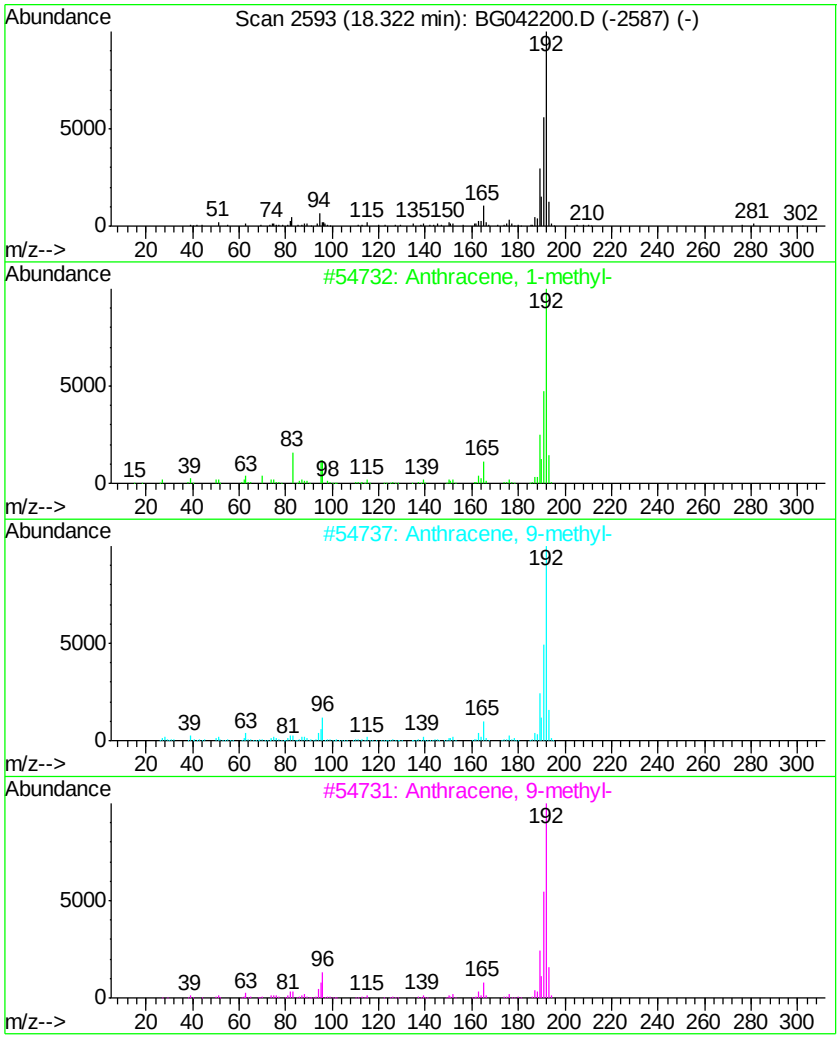
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

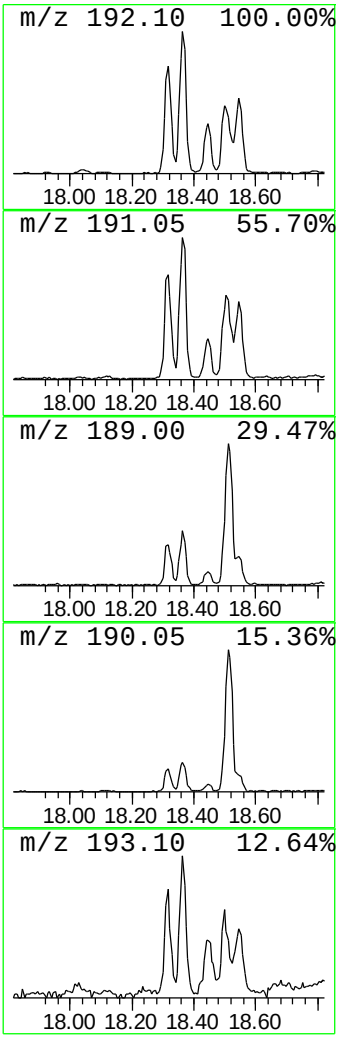
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.18 ng/ul	129753	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

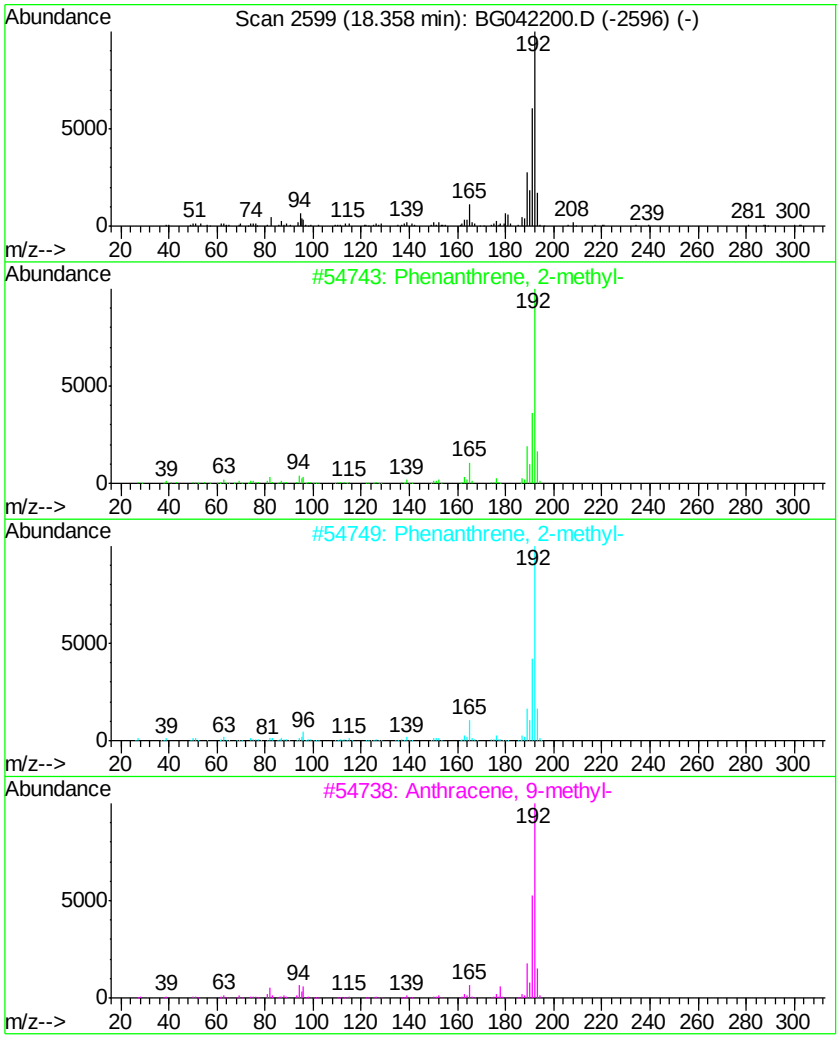
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

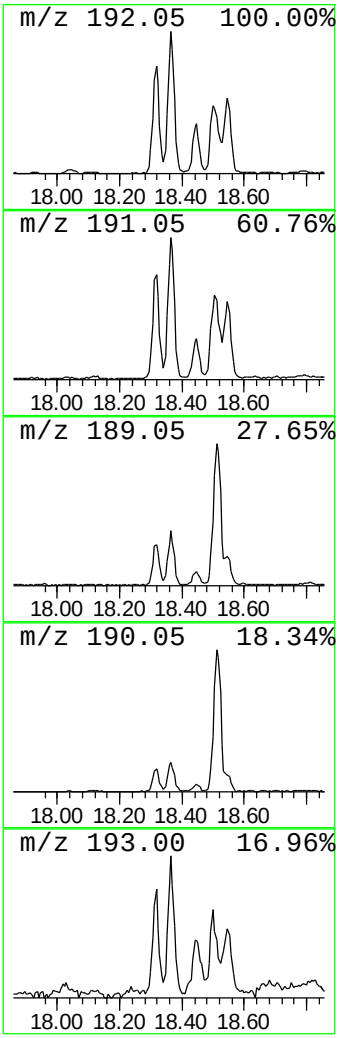
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.12 ng/ul	185619	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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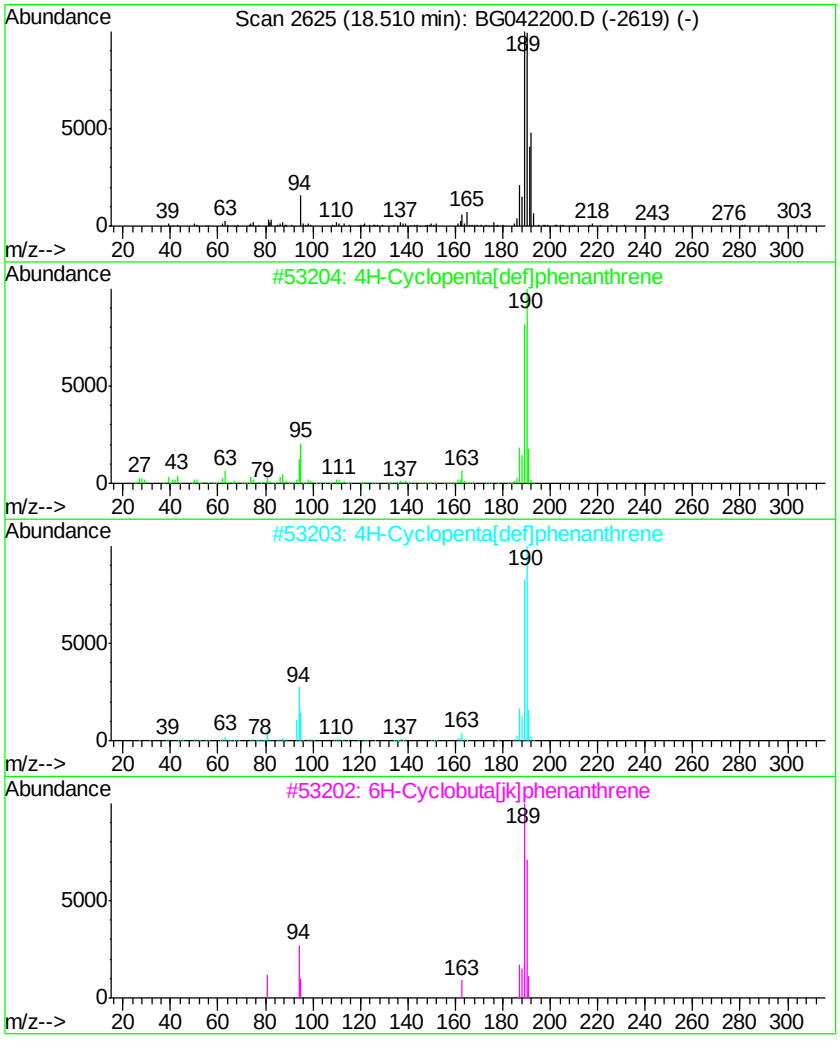
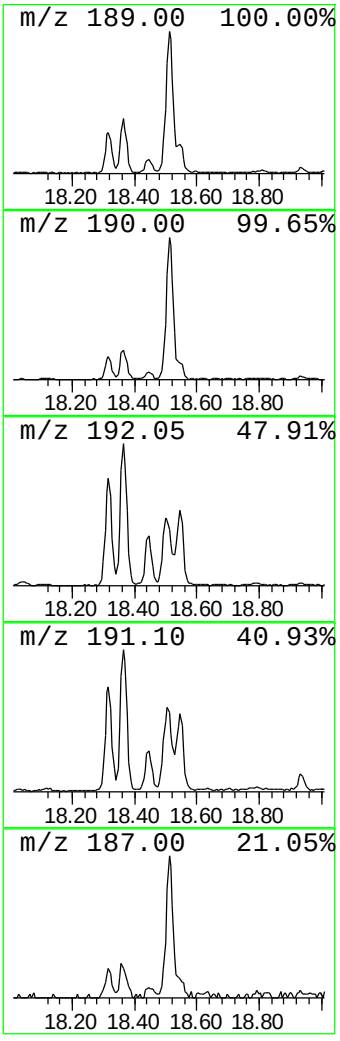
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	3.82 ng/ul	227250	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Misc :
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Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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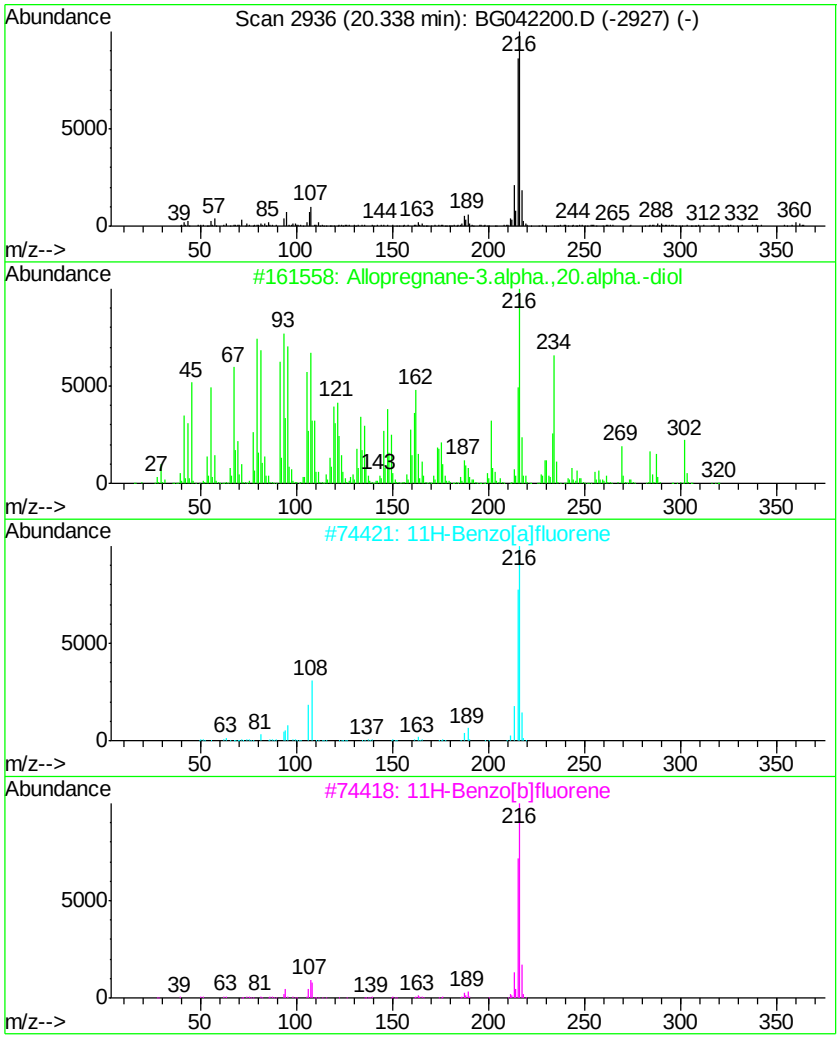
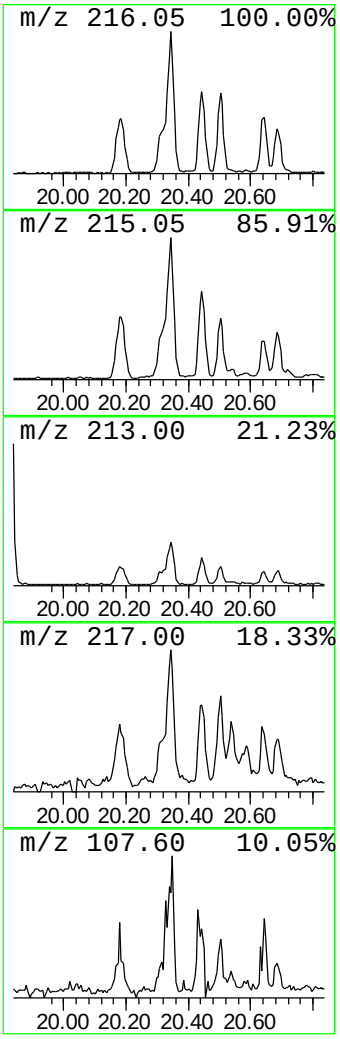
Peak Number 7 Allopregnane-3.alpha.,20.al... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.07 ng/ul	357757	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





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Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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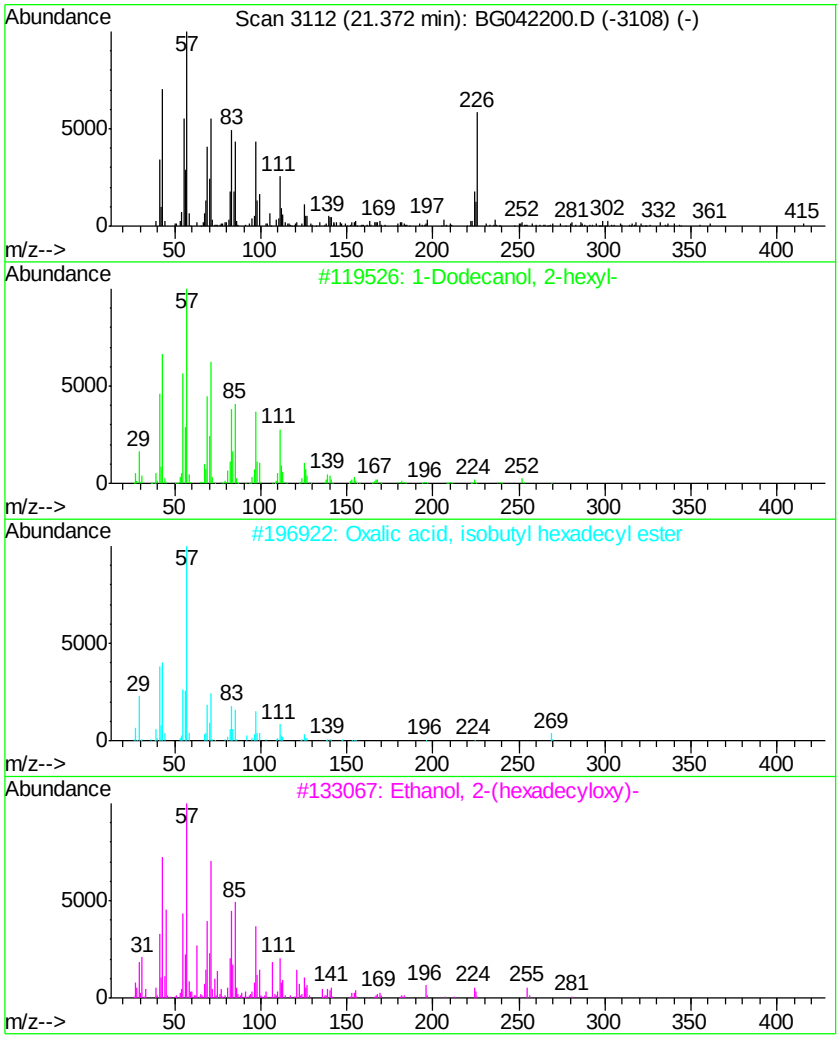
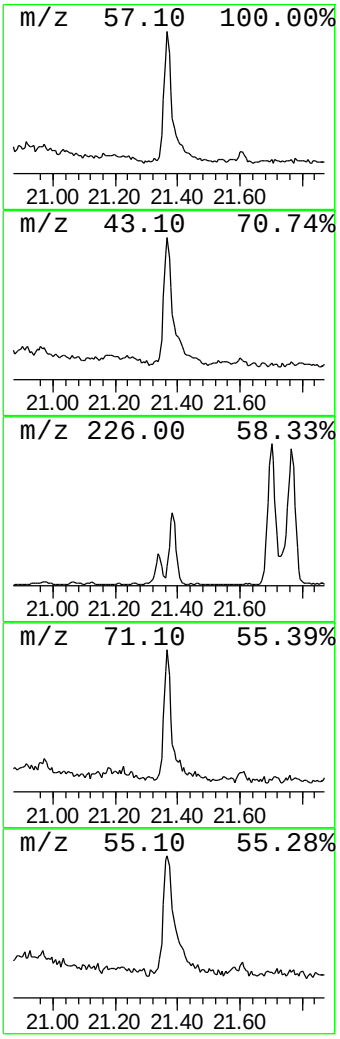
Peak Number 8 1-Dodecanol, 2-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.51 ng/ul	409037	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
4	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	91
5	1-Eicosene	280	C20H40	003452-07-1	83





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ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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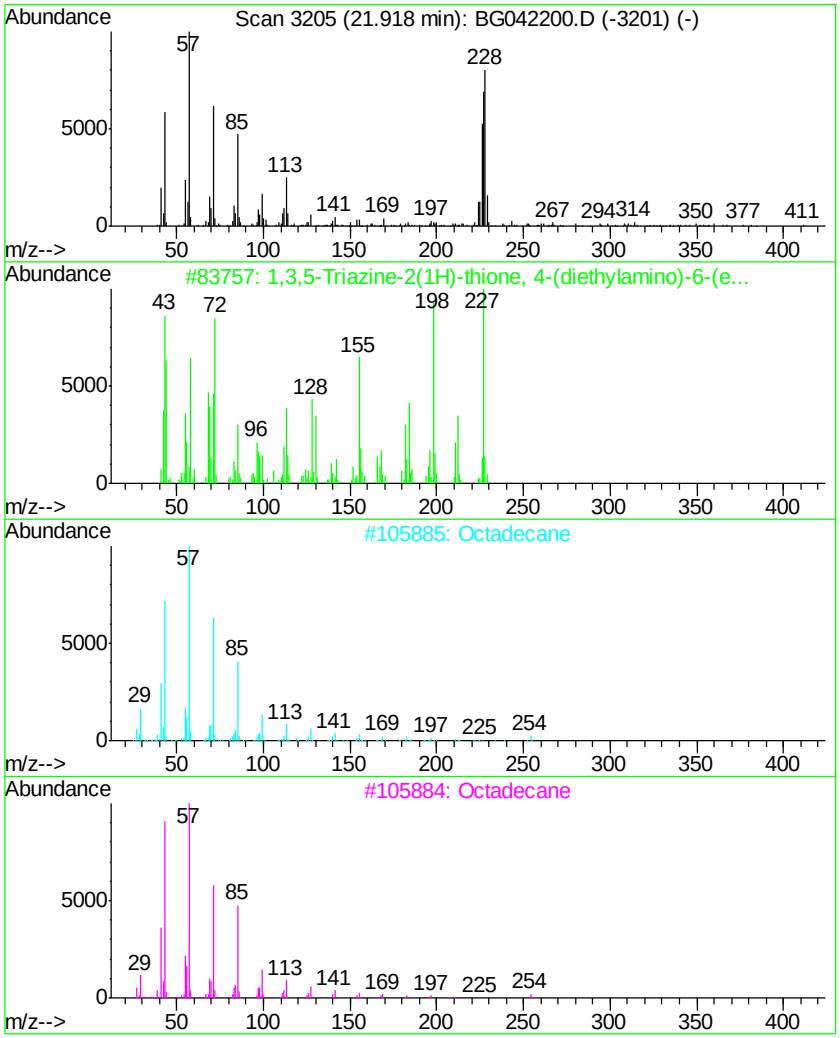
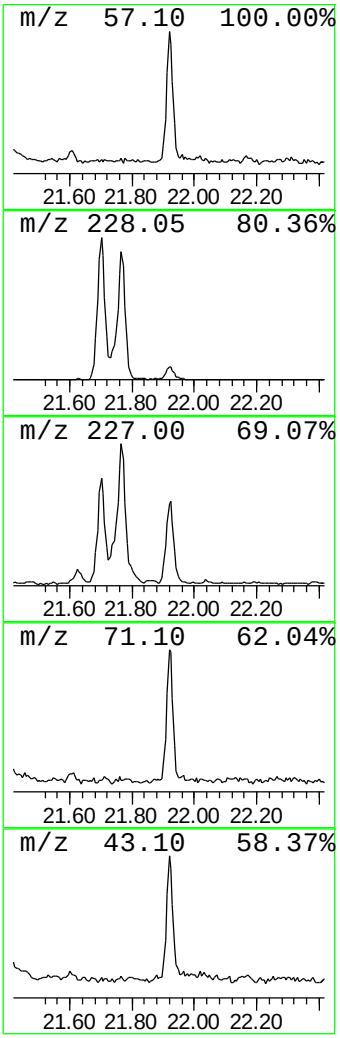
Peak Number 9 1,3,5-Triazine-2(1H)-thione... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.24 ng/ul	260676	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	80
2	Octadecane	254	C18H38	000593-45-3	56
3	Octadecane	254	C18H38	000593-45-3	46
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	42
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	41





Library Search Compound Report

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ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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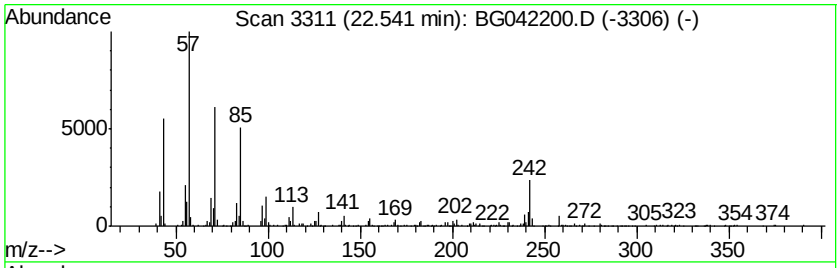
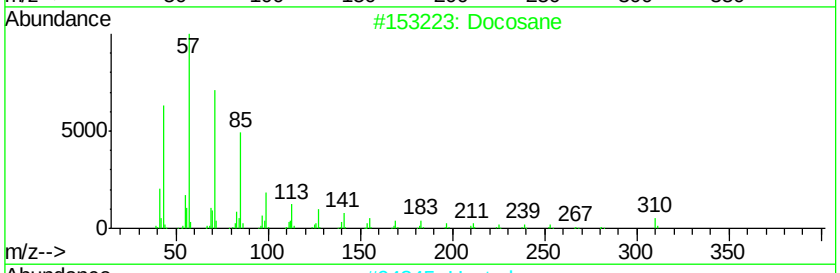
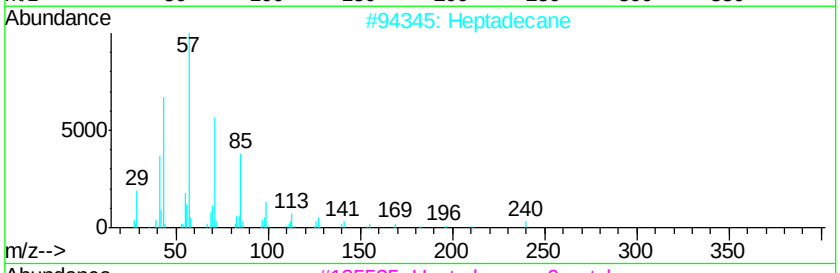
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

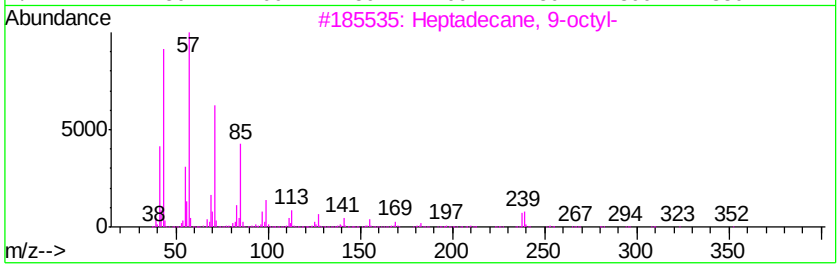
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.29 ng/ul	383268	Chrysene-d12	21.72

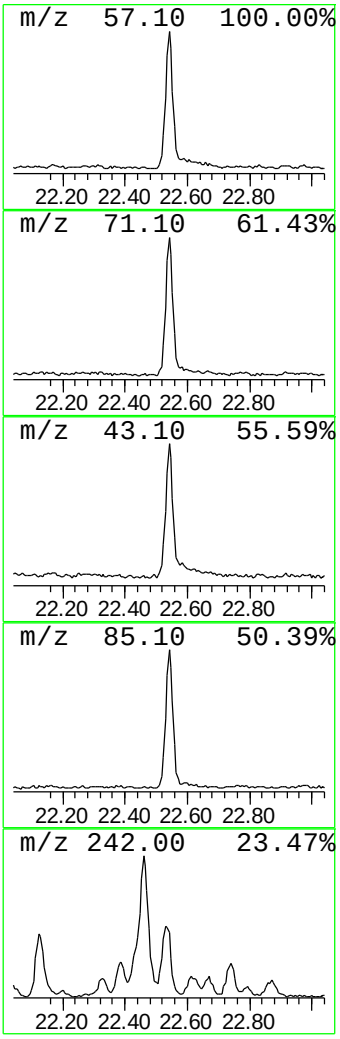
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89











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Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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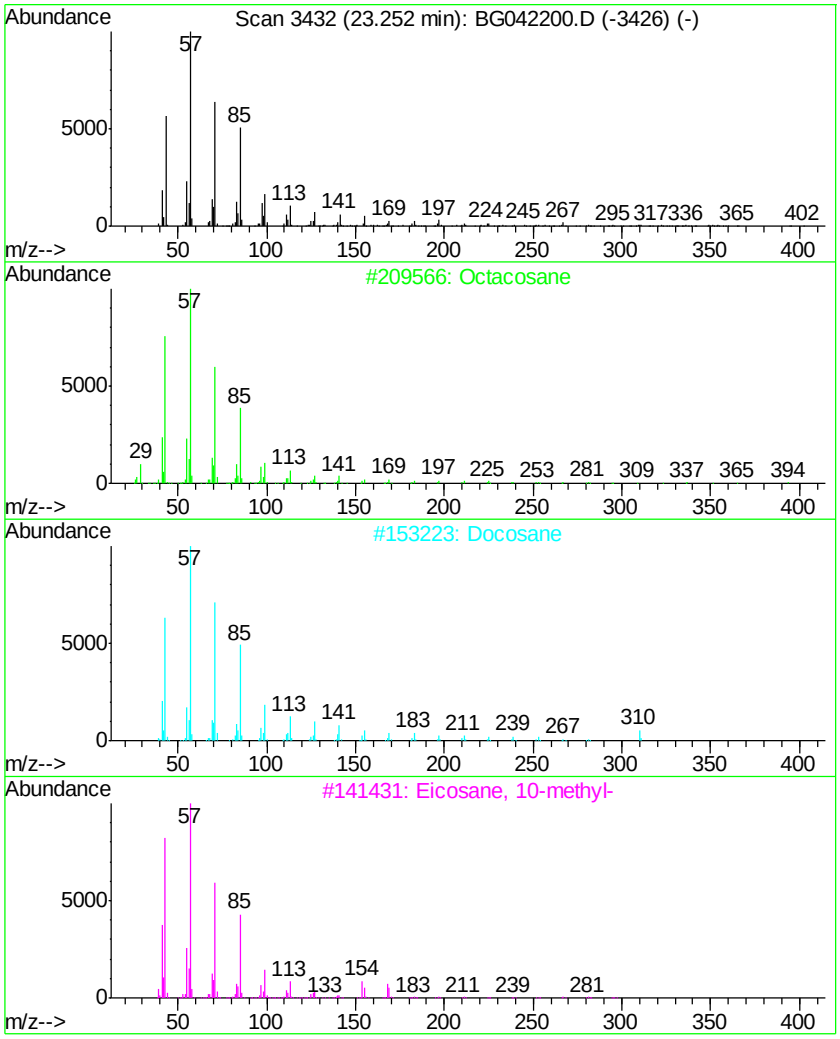
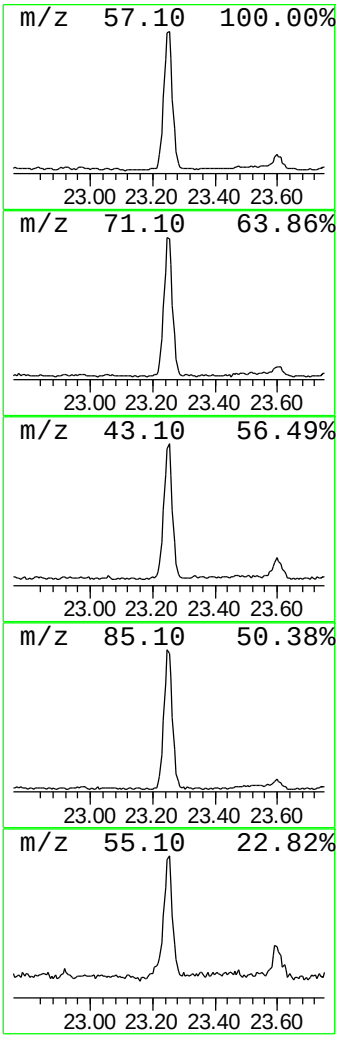
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	4.94 ng/ul	575095	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Docosane	310	C22H46	000629-97-0	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





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Sample : K4304-06
Misc :
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Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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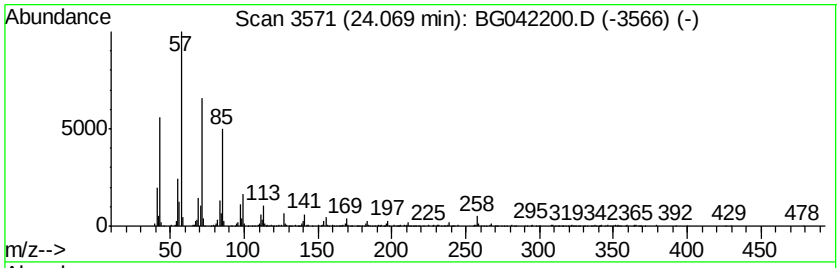
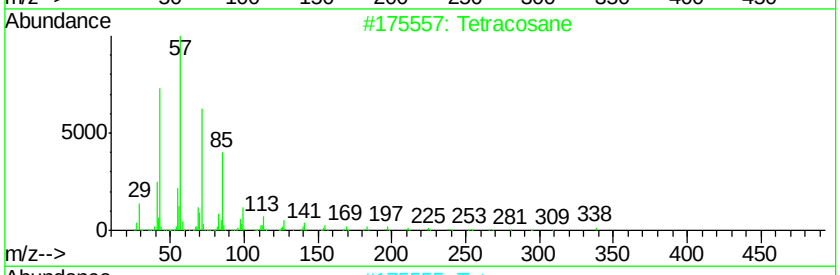
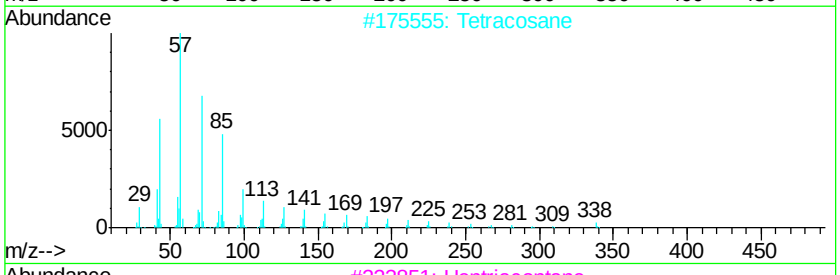
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

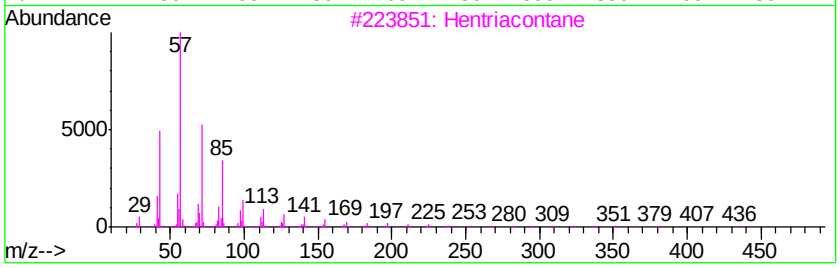
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	10.63 ng/ul	786815	Perylene-d12	24.99

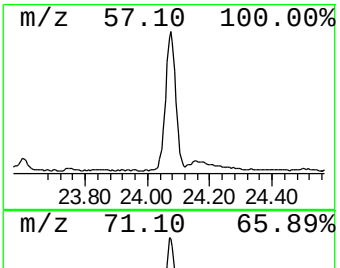
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	93
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90

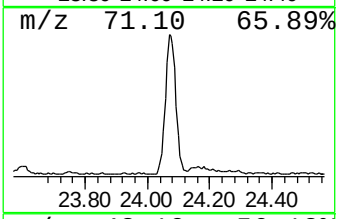


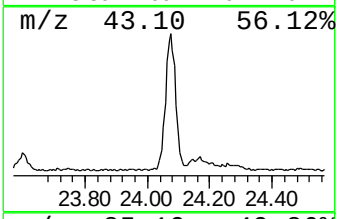


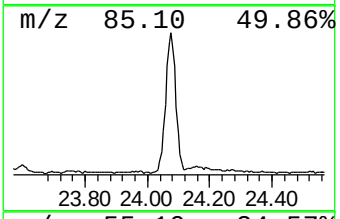


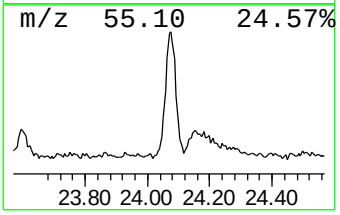












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Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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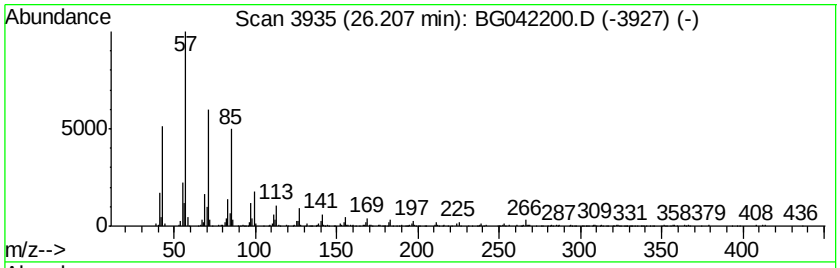
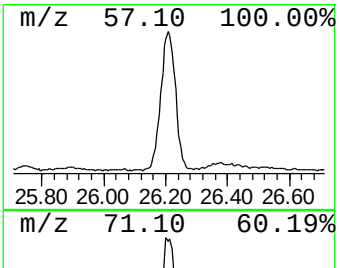
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	13.06 ng/ul	966873	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	97
2	Tetracosane	338	C24H50	000646-31-1	97
3	Hentriacontane	437	C31H64	000630-04-6	96
4	Hexacosane	366	C26H54	000630-01-3	96
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





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Quant Title : SVOA CALIBRATION

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

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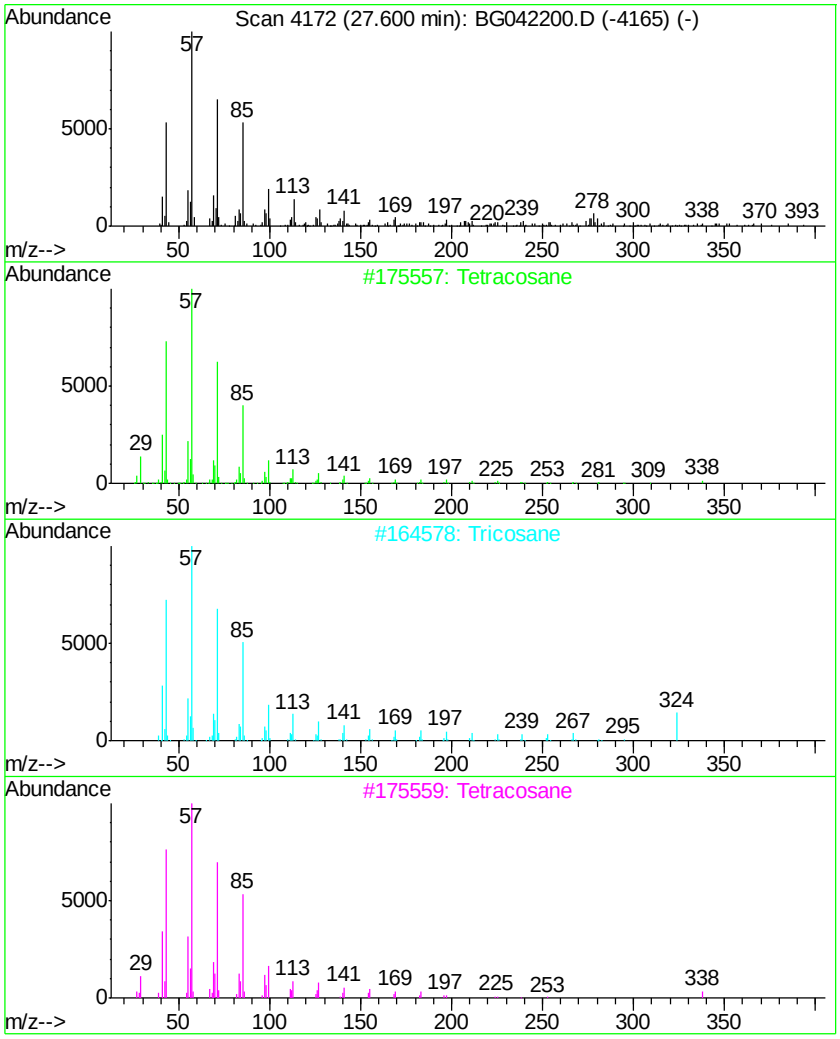
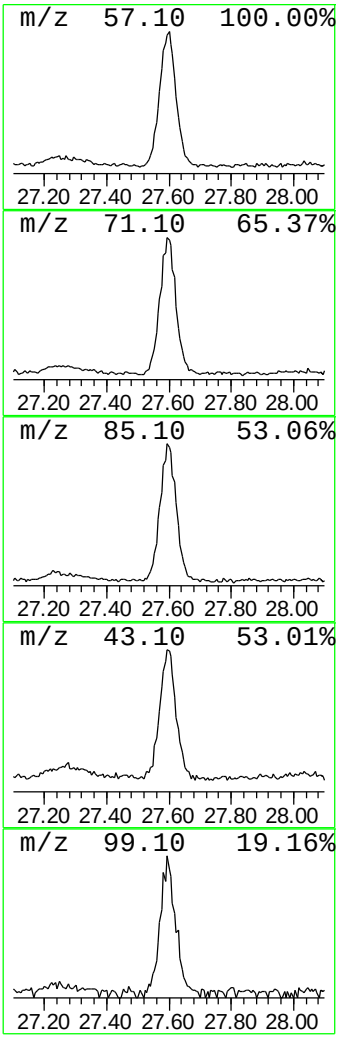
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.60	5.88 ng/ul	435397	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Tricosane	324	C23H48	000638-67-5	93
3	Tetracosane	338	C24H50	000646-31-1	92
4	Hexacosane	366	C26H54	000630-01-3	91
5	Eicosane	282	C20H42	000112-95-8	87





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Instrument : BNA_G
ClientSampleId : CB5N7

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Quant Title : SVOA CALIBRATION

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

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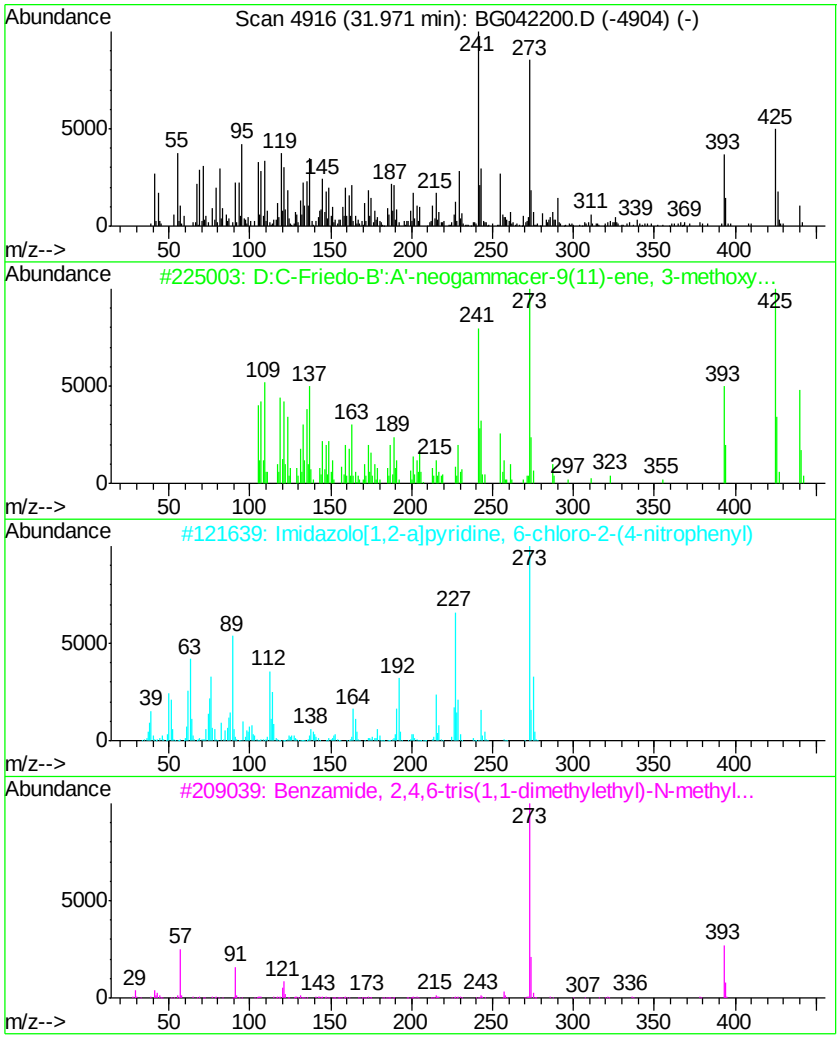
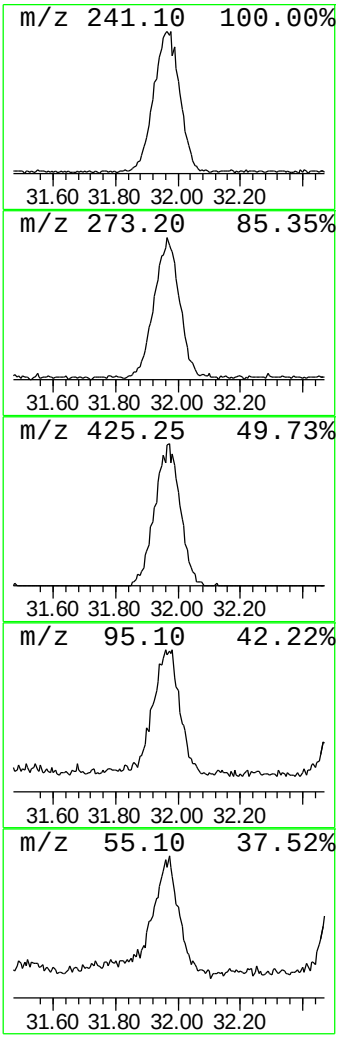
Peak Number 16 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.97	23.07 ng/ul	1708620	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	45
2	Imidazolo[1,2-a]pyridine, 6-chlo...	273	C13H8ClN3O2	118000-62-7	25
3	Benzamide, 2,4,6-tris(1,1-dimeth...	393	C27H39NO	016420-52-3	25
4	Indole, 5-chloro-2-methyl-3-phenyl-	241	C15H12ClN	030843-37-9	25
5	1-(4-Methyl-6-chloro-quinolin-2-...	273	C14H12ClN3O	111784-26-0	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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

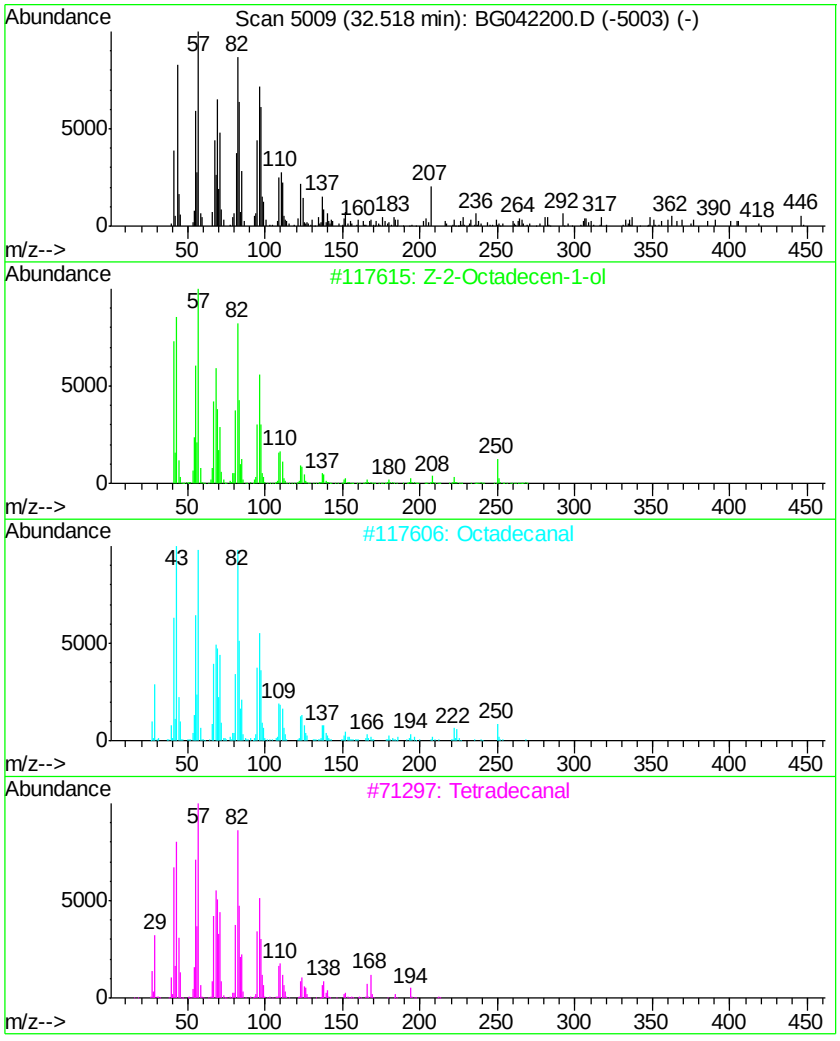
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

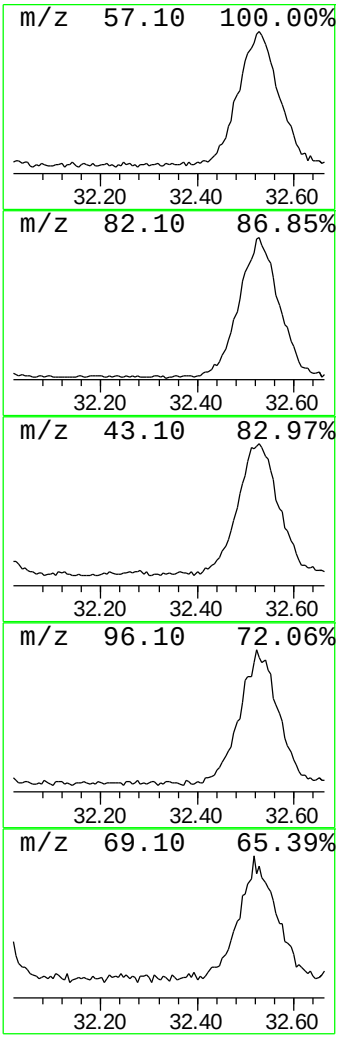
****

Peak Number 17 Z-2-Octadecen-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.52	11.37 ng/ul	841687	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	90
2	Octadecanal	268	C18H36O	000638-66-4	87
3	Tetradecanal	212	C14H28O	000124-25-4	86
4	1,30-Triacontanediol	454	C30H62O2	036645-68-8	80
5	Z-17-Nonadecen-1-ol acetate	324	C21H40O2	1000131-07-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081319\
Data File : BG042200.D
Acq On : 14 Aug 2019 8:03
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N7

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...	3.14	133.3	ng/ul	3098480	1	8.02	464820	20.0
1,3,5-Cycloheptat...	4.17	2.9	ng/ul	67469	1	8.02	464820	20.0
unknown-01	9.36	2.1	ng/ul	48781	1	8.02	464820	20.0
Anthracene, 1-met...	18.32	2.2	ng/ul	129753	4	17.44	1191090	20.0
Phenanthrene, 2-m...	18.36	3.1	ng/ul	185619	4	17.44	1191090	20.0
4H-Cyclopenta[def...	18.51	3.8	ng/ul	227250	4	17.44	1191090	20.0
Allopregnane-3.al...	20.34	3.1	ng/ul	357757	5	21.72	2330410	20.0
1-Dodecanol, 2-he...	21.37	3.5	ng/ul	409037	5	21.72	2330410	20.0
1,3,5-Triazine-2(...	21.92	2.2	ng/ul	260676	5	21.72	2330410	20.0
(DEL) Alkane: Str...	22.54	3.3	ng/ul	383268	5	21.72	2330410	20.0
(DEL) Alkane: Str...	23.25	4.9	ng/ul	575095	5	21.72	2330410	20.0
(DEL) Alkane: Str...	24.07	10.6	ng/ul	786815	6	24.99	1481040	20.0
(DEL) Alkane: Str...	26.21	13.1	ng/ul	966873	6	24.99	1481040	20.0
(DEL) Alkane: Str...	27.60	5.9	ng/ul	435397	6	24.99	1481040	20.0
unknown-02	31.97	23.1	ng/ul	1708620	6	24.99	1481040	20.0
Z-2-Octadecen-1-ol	32.52	11.4	ng/ul	841687	6	24.99	1481040	20.0