LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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	3.141	4	9	33	rVB	1701112	2741786	100.00%	6.311%
2	3.406	51	54	63	rVB	11982	18683	0.68%	0.043%
3	4.075	162	168	173	rBV	12896	21324	0.78%	0.049%
4	4.169	179	184	194	rVV	53477	85842	3.13%	0.198%
5	7.178	687	696	711	rBV	236487	466541	17.02%	1.074%
6	7.342	717	724	736	rBV	186899	322461	11.76%	0.742%
7	7.554	753	760	772	rBV	269262	486782	17.75%	1.120%
8	8.024	833	840	848	rBV	265620	453290	16.53%	1.043%
9	8.735	953	961	973	rBV	293444	543414	19.82%	1.251%
10	9.193	1031	1039	1048	rBV	243589	451156	16.45%	1.038%
11	9.357	1061	1067	1073	rBV3	20639	35029	1.28%	0.081%
12	9.922	1155	1163	1176	rBV	216755	404789	14.76%	0.932%
13	10.468	1249	1256	1270	rBV	357981	686593	25.04%	1.580%
14	10.850	1311	1321	1327	rBV	386273	695148	25.35%	1.600%
15	10.897	1327	1329	1335	rVV	26460	36976	1.35%	0.085%
16	10.979	1335	1343	1361	rVB	288263	593286	21.64%	1.366%
17	12.513	1599	1604	1612	rVV2	15604	28749	1.05%	0.066%
18	12.730	1634	1641	1647	rBV2	11305	20586	0.75%	0.047%
19	14.005	1852	1858	1863	rBV2	11646	20481	0.75%	0.047%
20	14.081	1863	1871	1877	rVV	656311	1021329	37.25%	2.351%
21	14.128	1877	1879	1884	rVV	49529	62264	2.27%	0.143%
22	14.375	1908	1921	1934	rBV	799665	1354141	49.39%	3.117%
23	14.687	1964	1974	1980	rBV	646014	1039332	37.91%	2.392%
24	14.751	1980	1985	1991	rVB	71381	117083	4.27%	0.270%
25	14.880	2000	2007	2022	rBV	173058	361046	13.17%	0.831%
26	15.086	2036	2042	2050	rVB	47613	77084	2.81%	0.177%
27	15.679	2133	2143	2149	rBV	1062319	1652752	60.28%	3.804%
28	15.732	2149	2152	2157	rVB	69649	94298	3.44%	0.217%
29	15.797	2157	2163	2171	rBV	202490	315865	11.52%	0.727%
30	15.909	2176	2182	2187	rBV5	12008	26162	0.95%	0.060%
31	16.026	2199	2202	2209	rVB	21523	35095	1.28%	0.081%
32	16.173	2219	2227	2234	rBV	22107	51558	1.88%	0.119%
33	16.249	2234	2240	2248	rVV5	16325	33350	1.22%	0.077%
34	16.396	2258	2265	2272	rVV10	15257	40864	1.49%	0.094%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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	16.743	2315	2324	2328	rVV6	16997	37090	1.35%	0.085%
36	16.972	2355	2363	2367	rBV2	31500	55992	2.04%	0.129%
37	17.007	2367	2369	2376	rVV4	15529	27826	1.01%	0.064%
38	17.090	2378	2383	2391	rVB	31538	56596	2.06%	0.130%
39	17.189	2391	2400	2406	rBV8	24285	58721	2.14%	0.135%
40	17.254	2406	2411	2420	rVB	44771	77783	2.84%	0.179%
41	17.436	2436	2442	2446	rBV2	775449	1248802	45.55%	2.874%
42	17.477	2446	2449	2454	rVV	760898	1115846	40.70%	2.568%
43	17.536	2454	2459	2463	rVV	1087652	1710926	62.40%	3.938%
44	17.571	2463	2465	2470	rVV	167296	192739	7.03%	0.444%
45	17.836	2505	2510	2514	rBV	59585	92017	3.36%	0.212%
46	18.024	2537	2542	2545	rBV	15410	22797	0.83%	0.052%
47	18.318	2587	2592	2595	rVV	97311	142619	5.20%	0.328%
48	18.365	2595	2600	2609	rVB	134070	208369	7.60%	0.480%
49	18.447	2609	2614	2618	rBV	39944	61043	2.23%	0.141%
50	18.511	2619	2625	2629	rVV2	142286	259211	9.45%	0.597%
51	18.547	2629	2631	2637	rVB	65330	79928	2.92%	0.184%
52	18.623	2639	2644	2647	rBV4	17170	26969	0.98%	0.062%
53	18.811	2670	2676	2680	rBV	77828	117809	4.30%	0.271%
54	18.852	2680	2683	2692	rVB2	30317	55349	2.02%	0.127%
55	19.058	2715	2718	2722	rBV	34634	44696	1.63%	0.103%
56	19.111	2723	2727	2730	rVB	18262	22336	0.81%	0.051%
57	19.146	2730	2733	2738	rVB	19192	24665	0.90%	0.057%
58	19.228	2742	2747	2753	rBV2	48171	97371	3.55%	0.224%
59	19.369	2766	2771	2779	rVB	53057	96248	3.51%	0.222%
60	19.493	2784	2792	2798	rVV	1283177	1830278	66.75%	4.213%
61	19.551	2798	2802	2805	rVV2	21747	31822	1.16%	0.073%
62	19.587	2805	2808	2812	rVB5	18046	23538	0.86%	0.054%
63	19.734	2828	2833	2841	rVB3	43425	87696	3.20%	0.202%
64	19.828	2842	2849	2851	rVV2	1500857	2388254	87.11%	5.497%
65	19.851	2851	2853	2861	rVV	1020058	1394175	50.85%	3.209%
66	19.922	2861	2865	2872	rVB2	60807	105450	3.85%	0.243%
67	20.033	2879	2884	2890	rVB2	63701	113697	4.15%	0.262%
68	20.180	2902	2909	2918	rBV2	77725	226816	8.27%	0.522%
69	20.345	2926	2937	2943	rBV	201296	445529	16.25%	1.026%
70	20.444	2950	2954	2958	rBV2	94634	125741	4.59%	0.289%
71	20.503	2958	2964	2968	rVV2	92139	164282	5.99%	0.378%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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	20.538	2968	2970	2974	rVB	39260	41946	1.53%	0.097%
73	20.644	2984	2988	2991	rBV2	50552	65119	2.38%	0.150%
74	20.685	2992	2995	2999	rVB	53374	71538	2.61%	0.165%
75	20.856	3021	3024	3028	rVB2	26055	30293	1.10%	0.070%
76	21.108	3063	3067	3074	rVB	94069	148850	5.43%	0.343%
77	21.296	3092	3099	3103	rBV2	84605	180880	6.60%	0.416%
78	21.338	3103	3106	3108	rVV	85208	123920	4.52%	0.285%
79	21.373	3108	3112	3119	rVV2	167378	401842	14.66%	0.925%
80	21.443	3120	3124	3133	rVB3	103560	205263	7.49%	0.472%
81	21.719	3161	3171	3176	rBV2	1002050	2610639	95.22%	6.009%
82	21.766	3176	3179	3191	rVB	494699	830610	30.29%	1.912%
83	21.919	3200	3205	3212	rBV	184363	292828	10.68%	0.674%
84	22.131	3237	3241	3246	rBV3	50322	82555	3.01%	0.190%
85	22.460	3294	3297	3303	rVB	71884	113132	4.13%	0.260%
86	22.542	3305	3311	3317	rVB2	237407	396698	14.47%	0.913%
87	22.736	3341	3344	3348	rBV2	34367	53586	1.95%	0.123%
88	23.247	3425	3431	3439	rVB	283497	534659	19.50%	1.231%
89	23.600	3486	3491	3499	rVB2	150785	309888	11.30%	0.713%
90	23.952	3542	3551	3559	rBV3	368594	1302003	47.49%	2.997%
91	24.076	3566	3572	3579	rVB	324944	690883	25.20%	1.590%
92	24.146	3580	3584	3589	rBV8	44870	113149	4.13%	0.260%
93	24.687	3668	3676	3681	rBV	187323	519756	18.96%	1.196%
94	24.769	3682	3690	3697	rVV	693623	2076509	75.74%	4.780%
95	24.833	3697	3701	3713	rVB	311186	770968	28.12%	1.775%
96	24.992	3718	3728	3733	rBV	500446	1481258	54.03%	3.410%
97	26.208	3925	3935	3945	rVB	300340	911416	33.24%	2.098%
98	27.595	4164	4171	4186	rVB4	128480	452129	16.49%	1.041%
99	28.711	4354	4361	4381	rVB3	103837	498881	18.20%	1.148%
100	31.955	4901	4913	4932	rVB9	154050	866901	31.62%	1.995%

Sum of corrected areas: 43444264

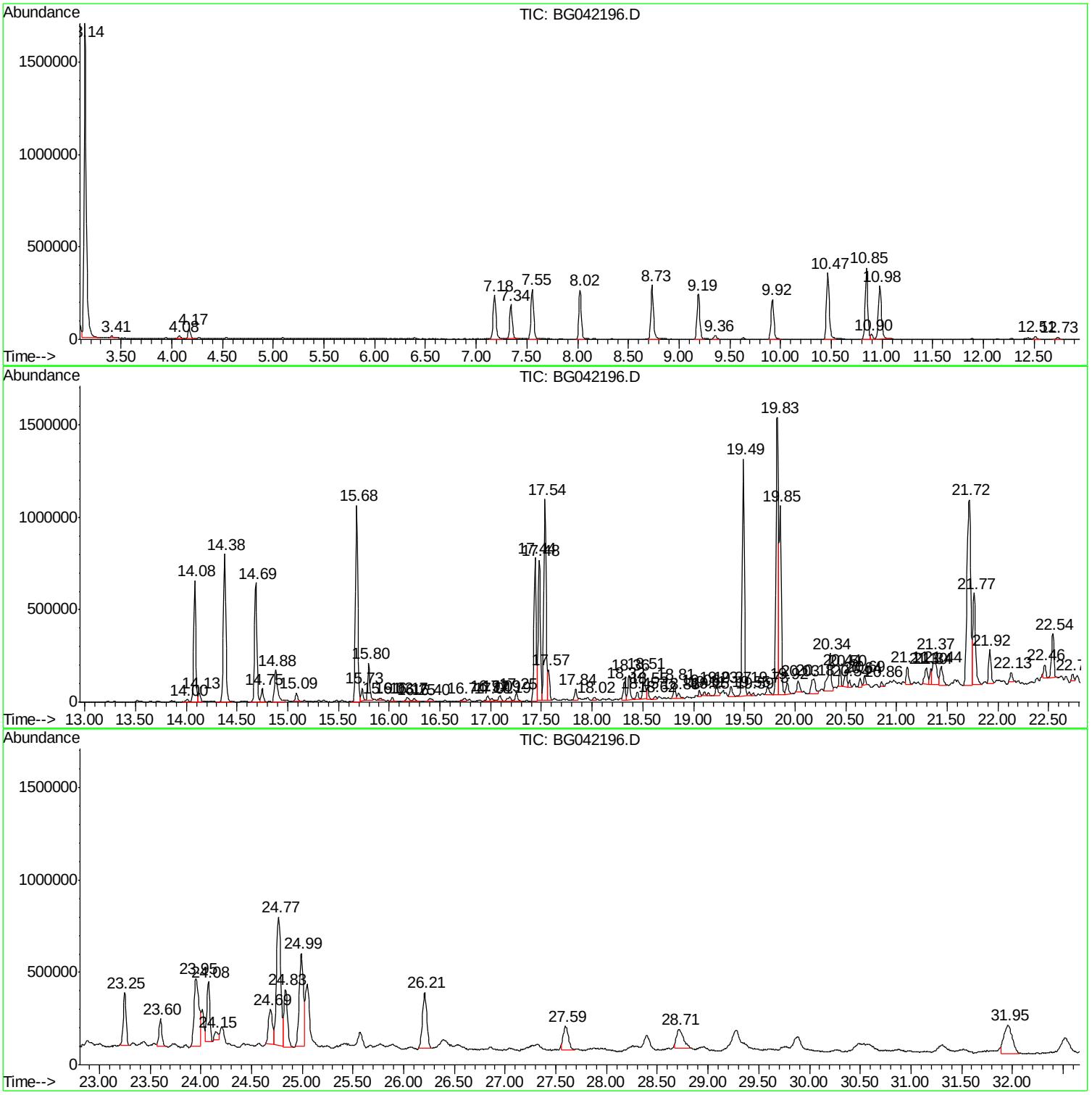
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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 : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

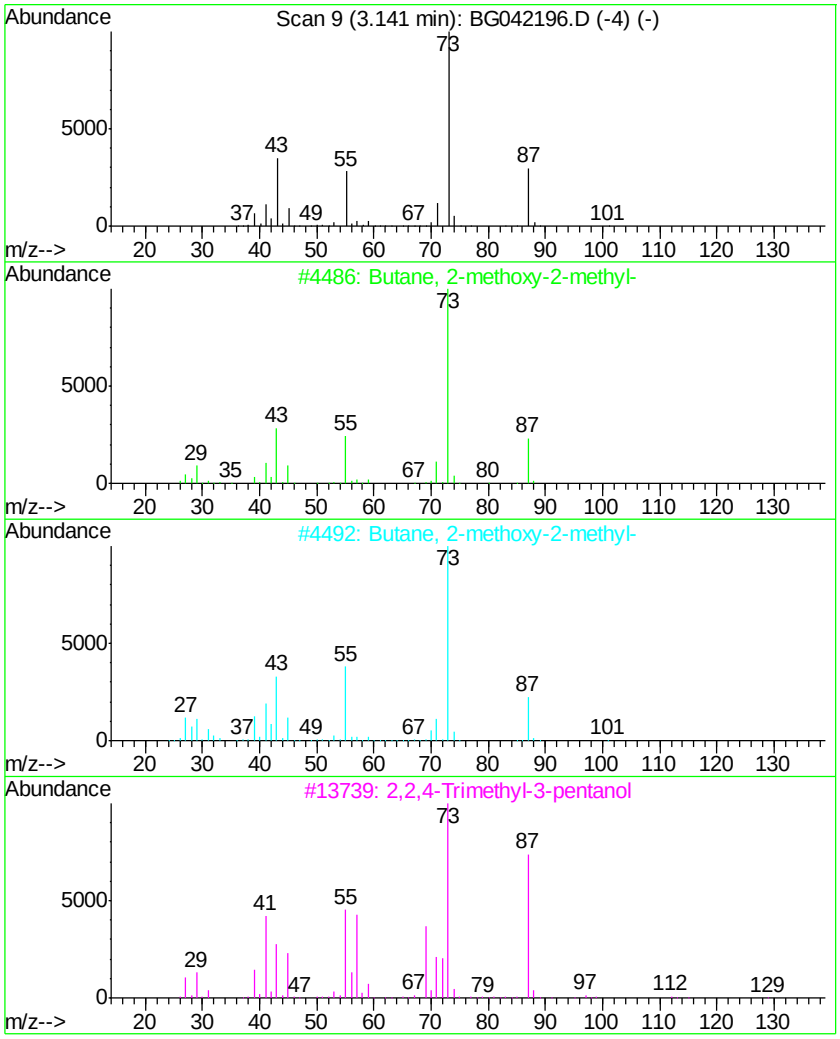
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

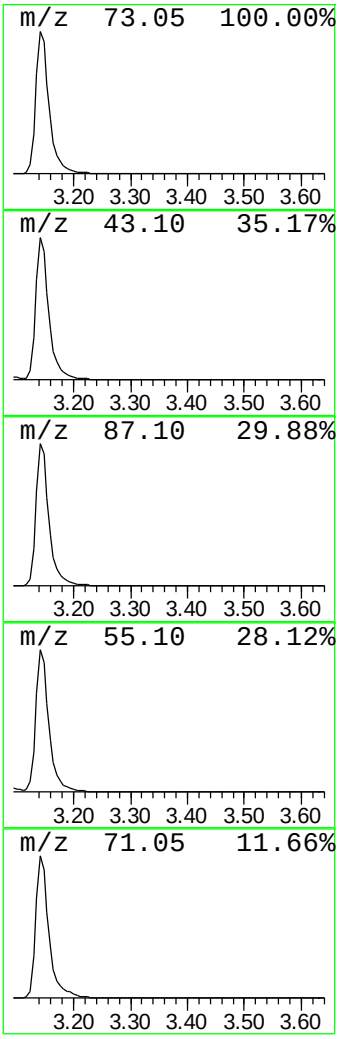
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	120.97 ng/ul	2741790	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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

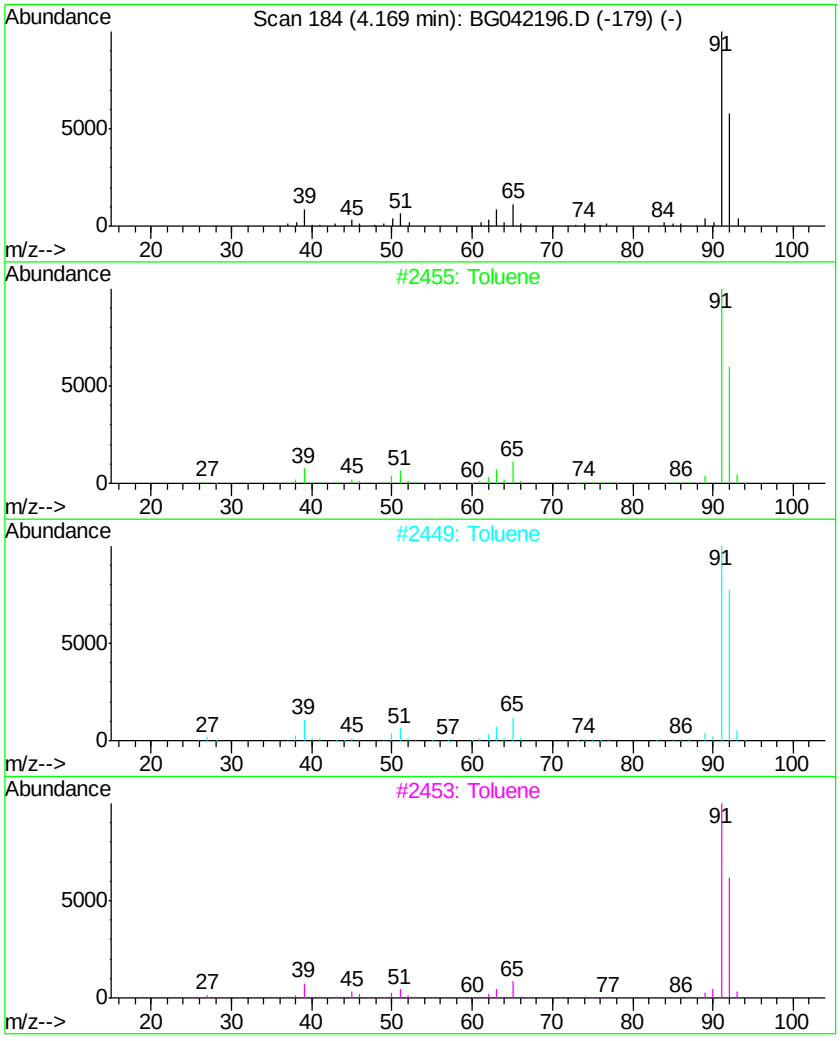
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

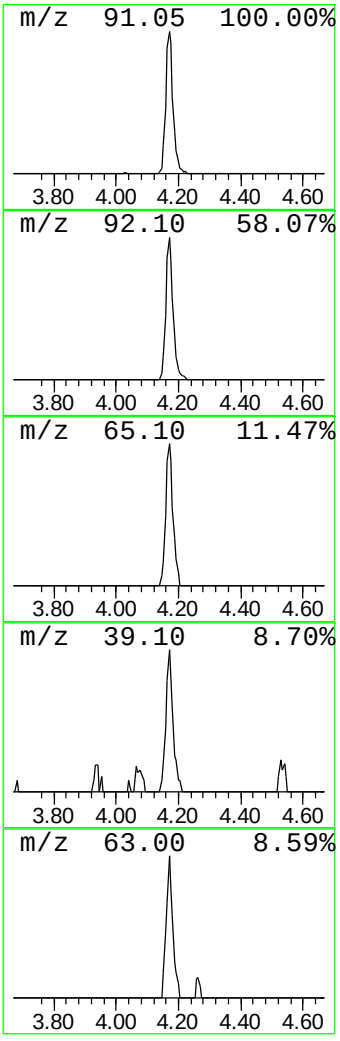
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	3.79 ng/ul	85842	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	93
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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

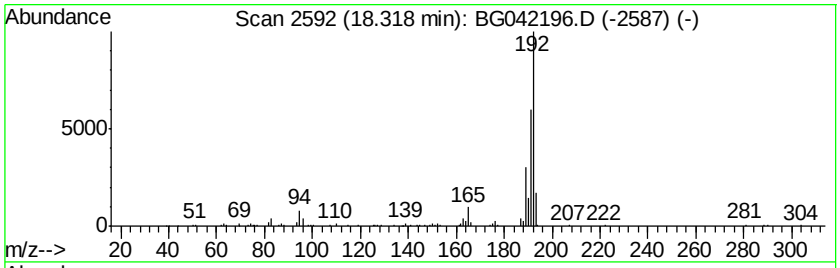
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

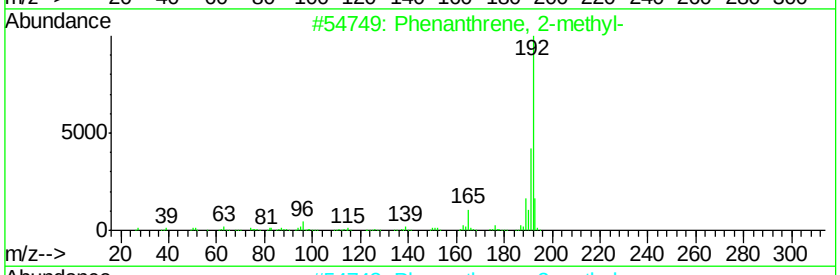
****

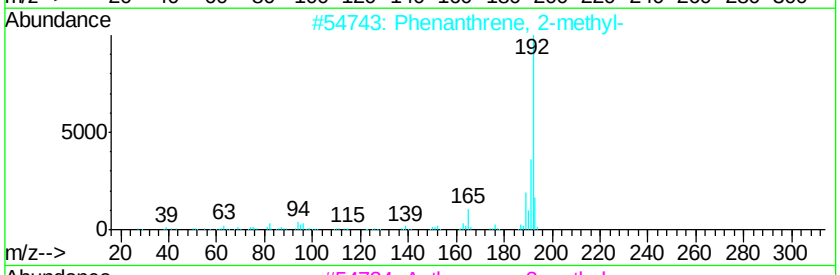
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 15

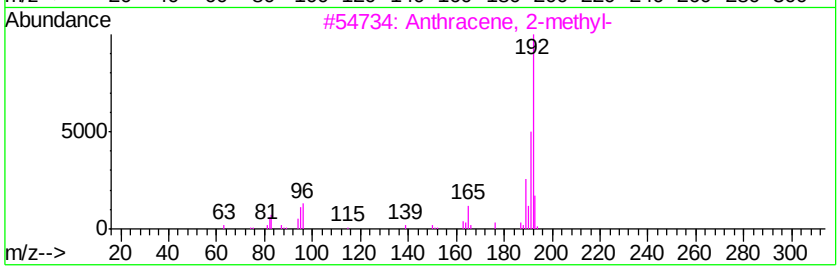
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.28 ng/ul	142619	Phenanthrene-d10	17.44

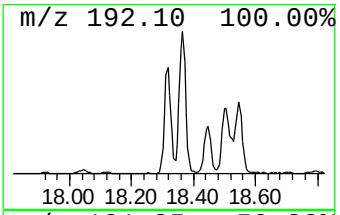
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93

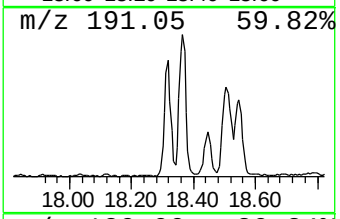


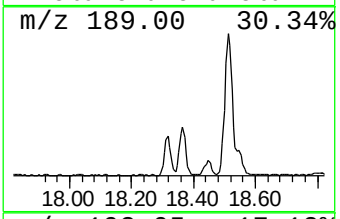


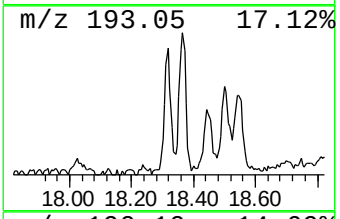


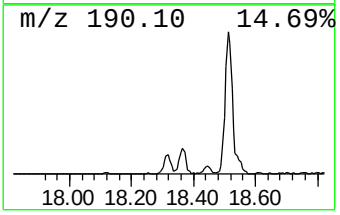












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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

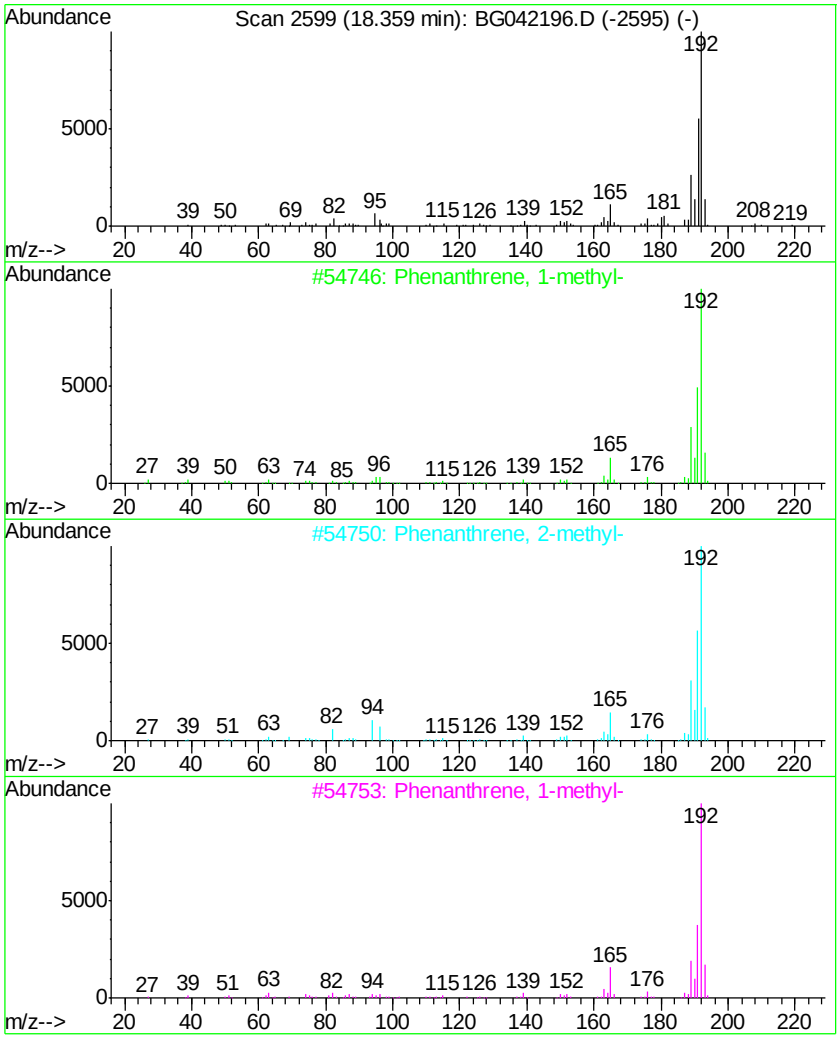
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

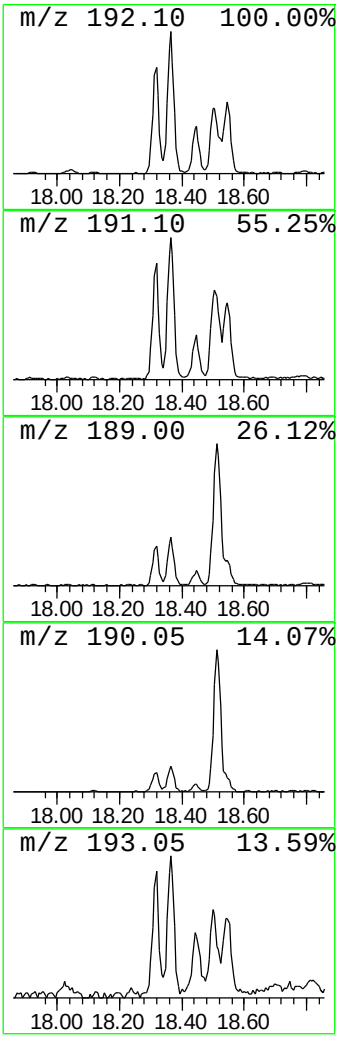
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.34 ng/ul	208369	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Operator : HP/JU
Sample : K4304-02
Misc :
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Instrument : BNA_G
ClientSampleId : CB5N3

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Quant Title : SVOA CALIBRATION

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

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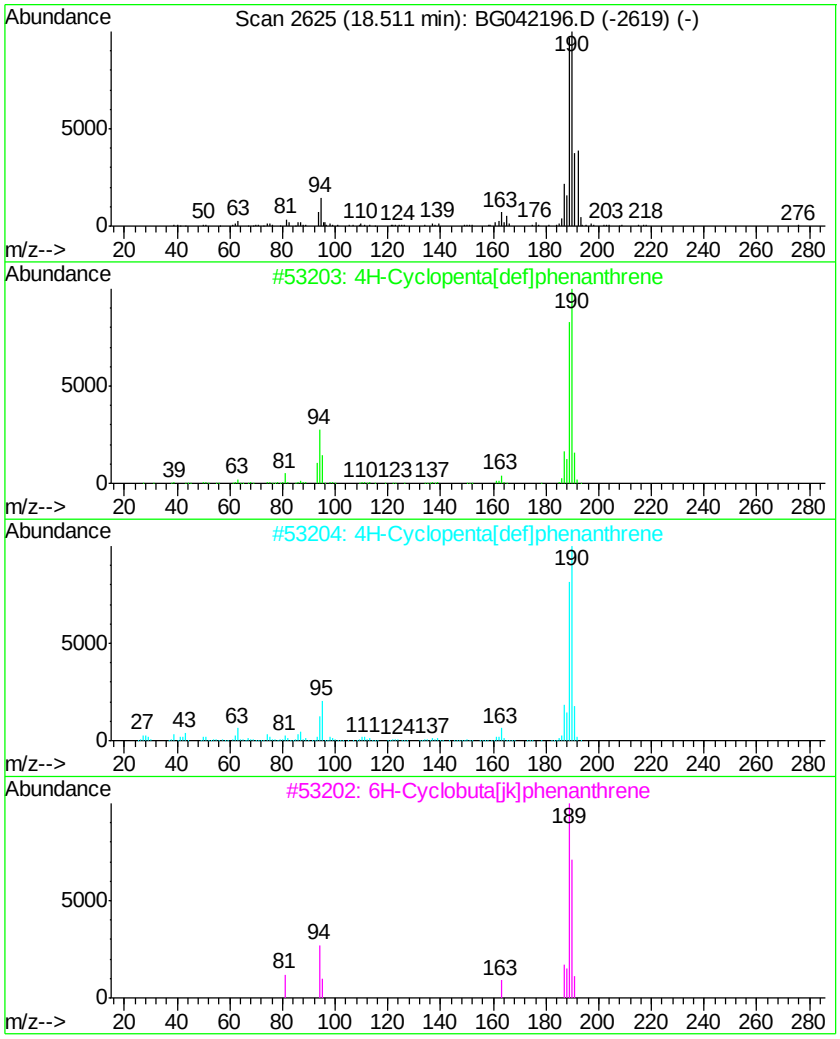
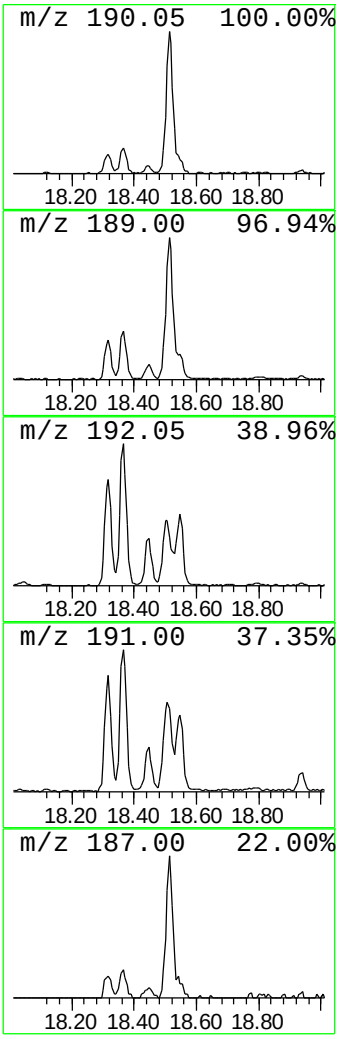
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	4.15 ng/ul	259211	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58





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Instrument : BNA_G
ClientSampleId : CB5N3

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Quant Title : SVOA CALIBRATION

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

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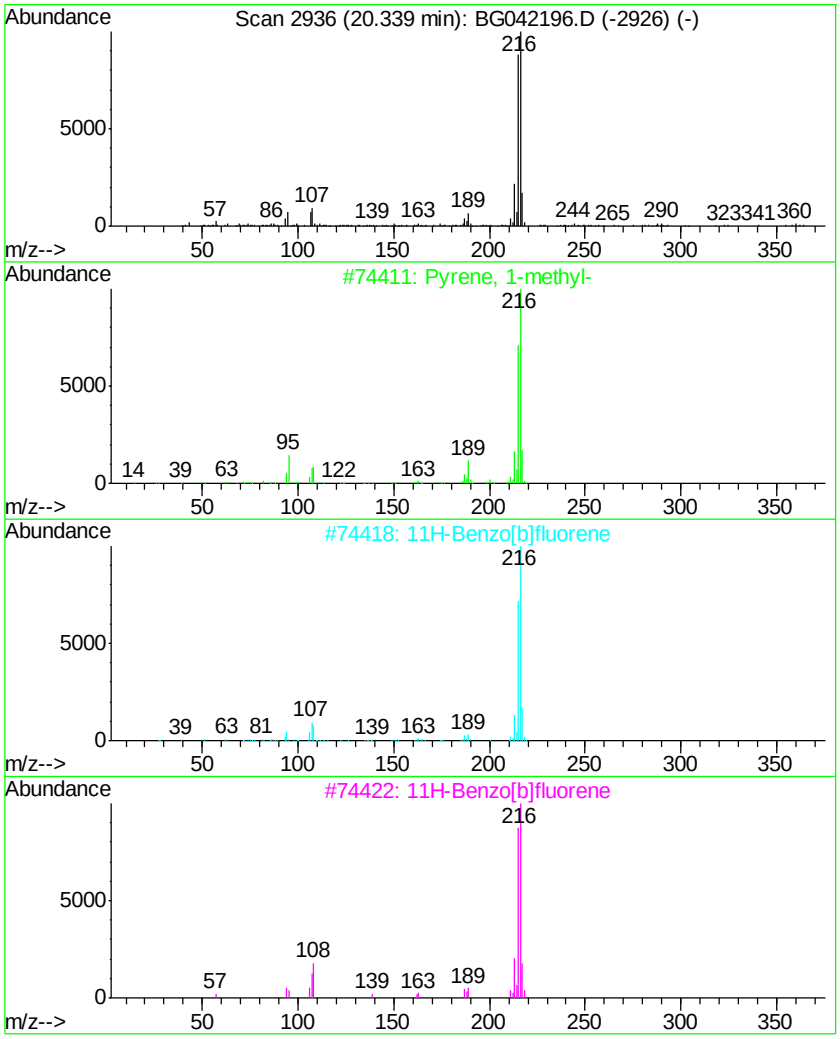
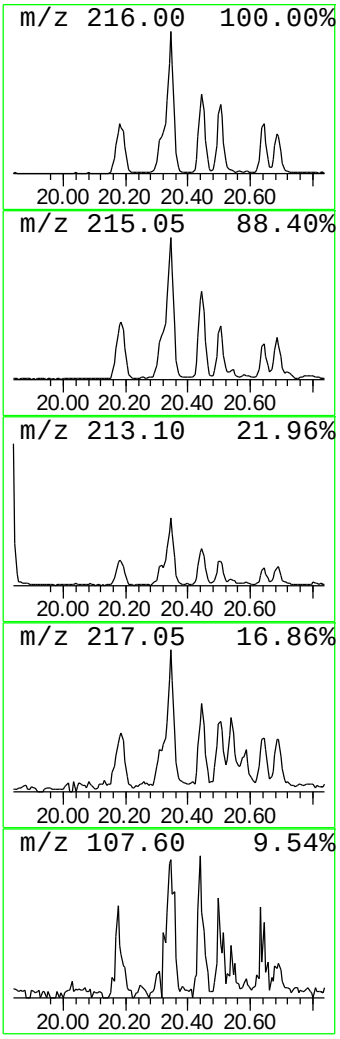
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.41 ng/ul	445529	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Instrument : BNA_G
ClientSampleId : CB5N3

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Quant Title : SVOA CALIBRATION

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

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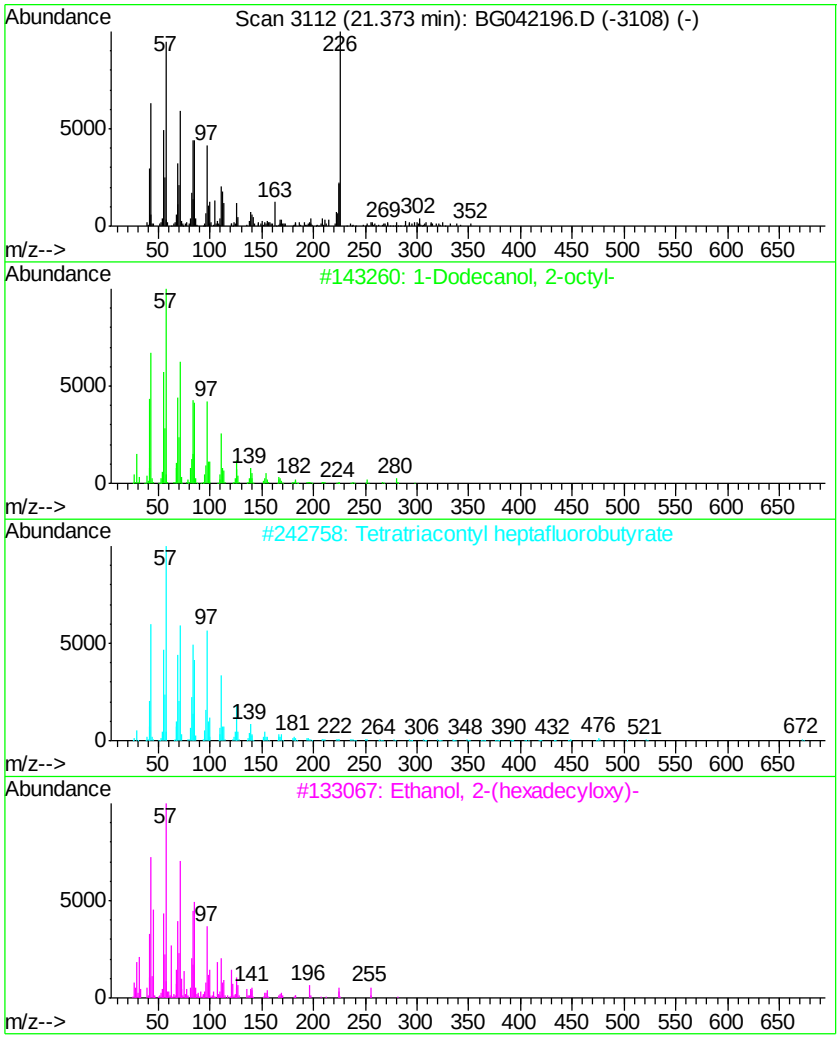
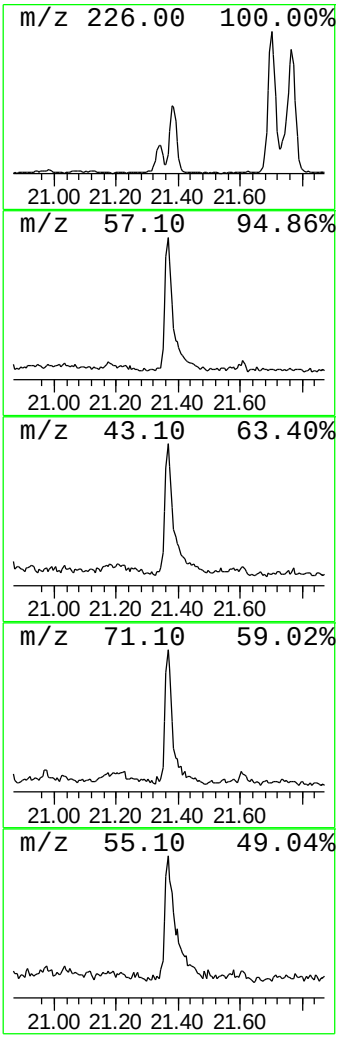
Peak Number 7 1-Dodecanol, 2-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.08 ng/ul	401842	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	55
2	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	55
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	53
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	49





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ClientSampleId : CB5N3

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Quant Title : SVOA CALIBRATION

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

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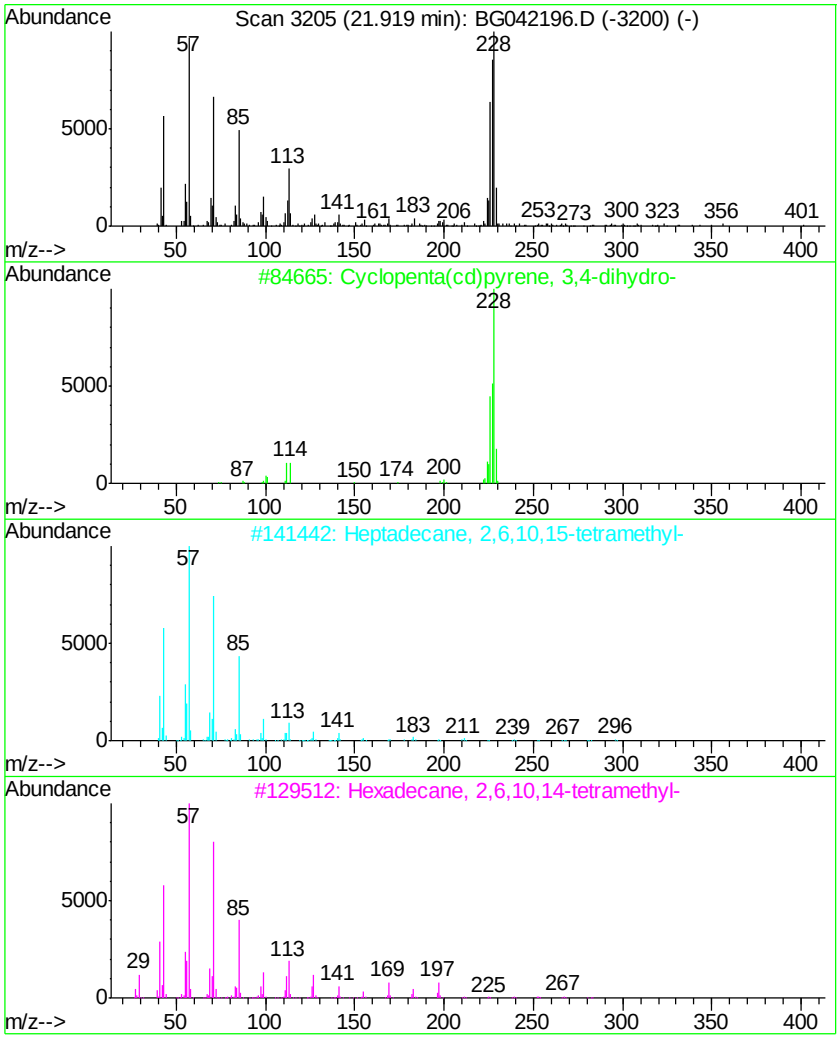
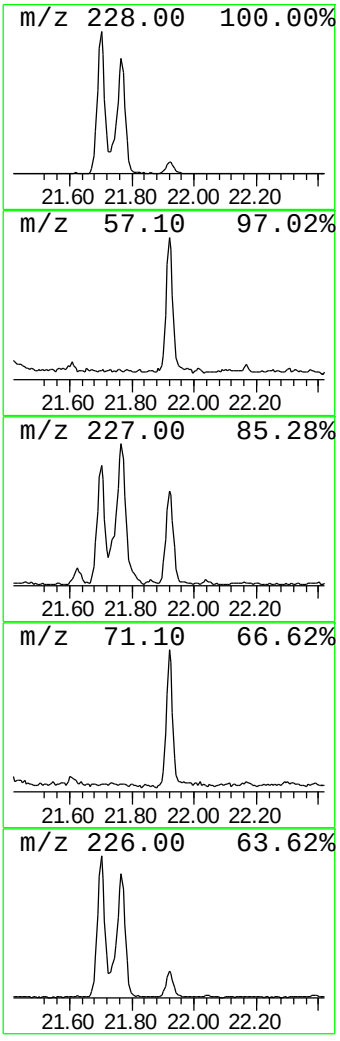
Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.24 ng/ul	292828	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	42
4	Hexacosane	366	C26H54	000630-01-3	25
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	25





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Quant Title : SVOA CALIBRATION

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

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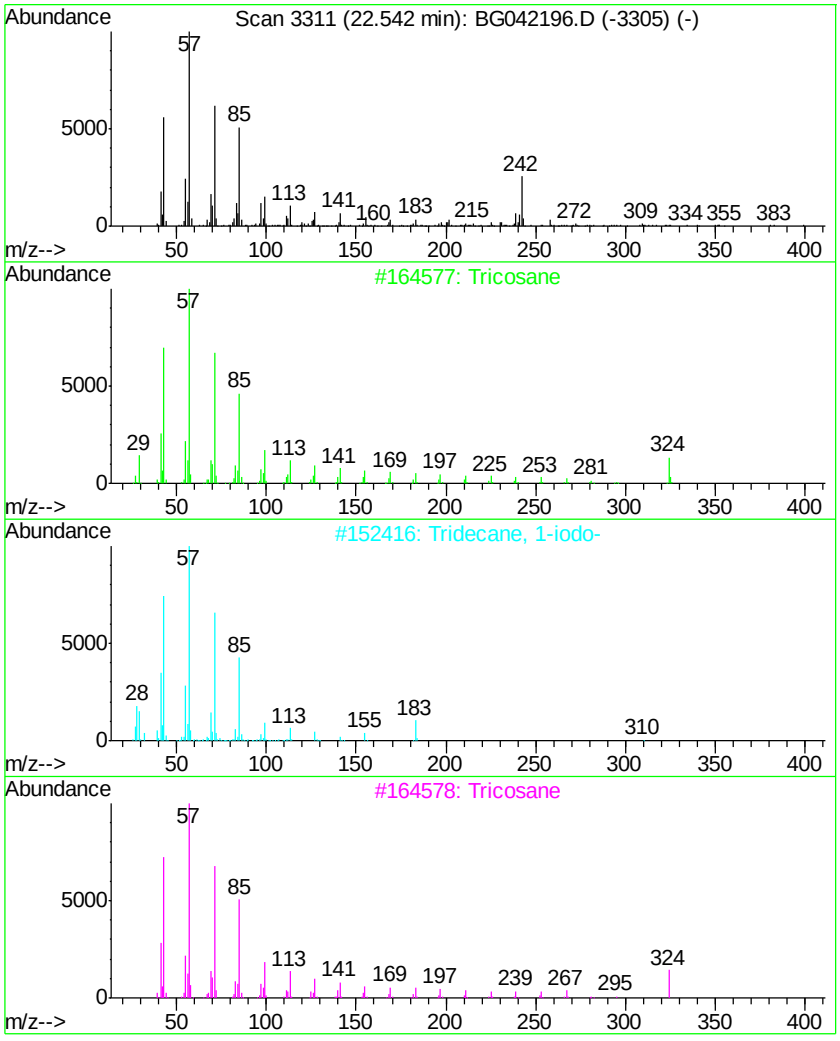
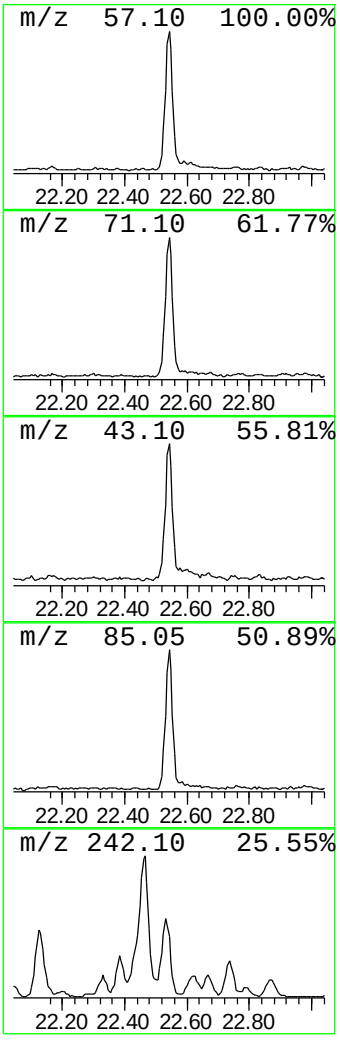
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.04 ng/ul	396698	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	92
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
3	Tricosane	324	C23H48	000638-67-5	89
4	Pentadecane	212	C15H32	000629-62-9	89
5	2-methyloctacosane	408	C29H60	1000376-72-8	81





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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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Quant Title : SVOA CALIBRATION

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

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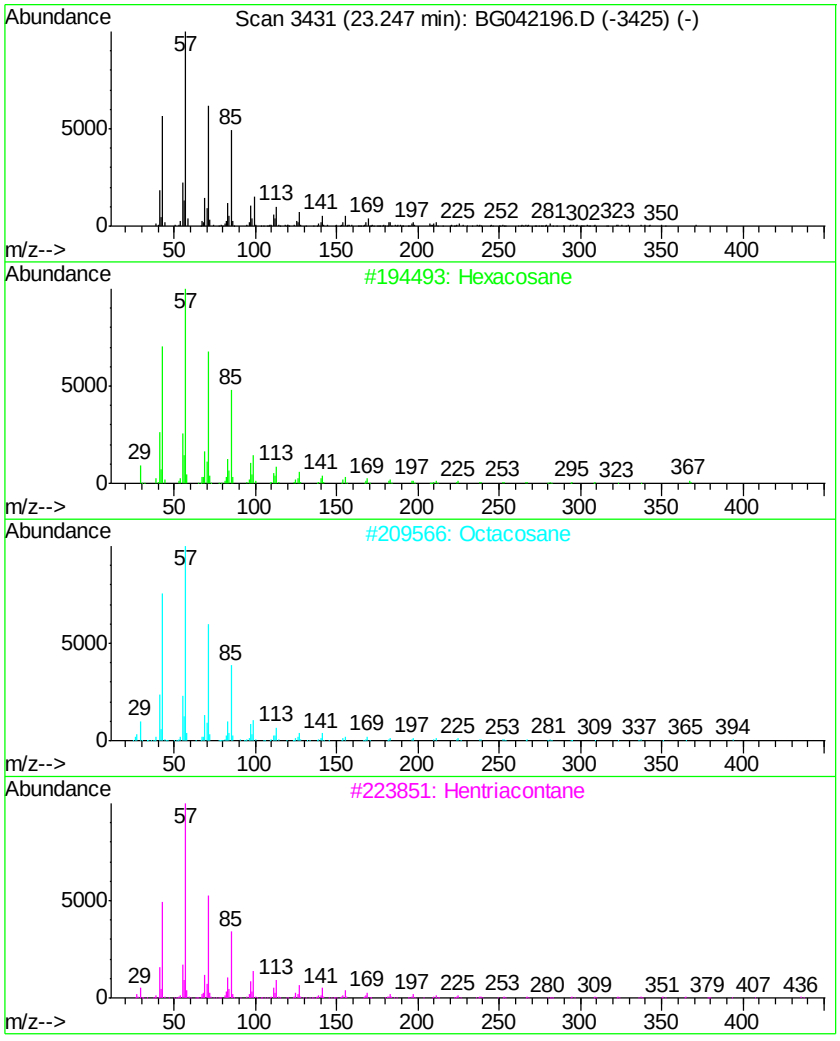
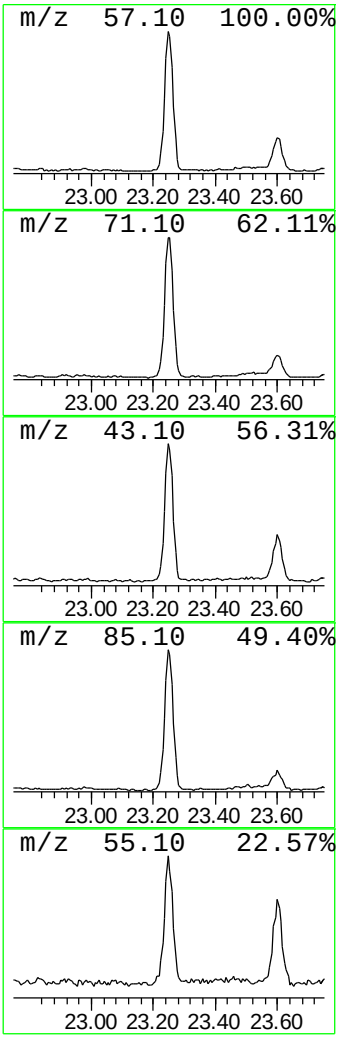
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	4.10 ng/ul	534659	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Quant Title : SVOA CALIBRATION

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

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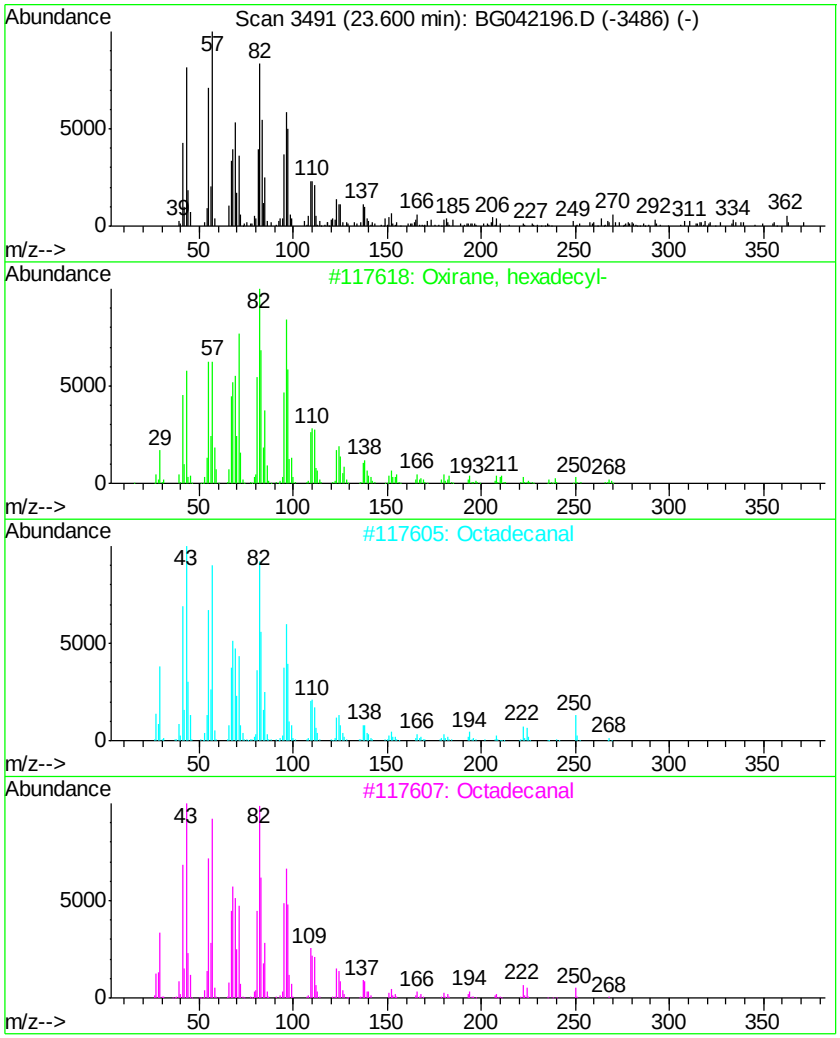
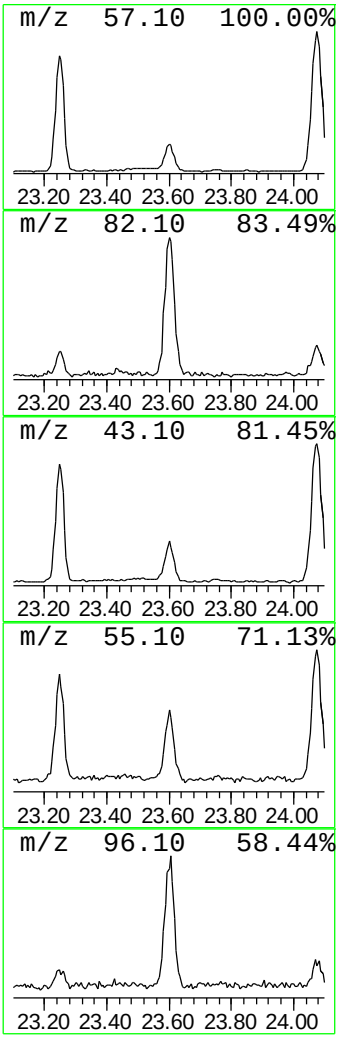
Peak Number 11 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.18 ng/ul	309888	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Disparlure	282	C19H38O	029804-22-6	83
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83





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Quant Title : SVOA CALIBRATION

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

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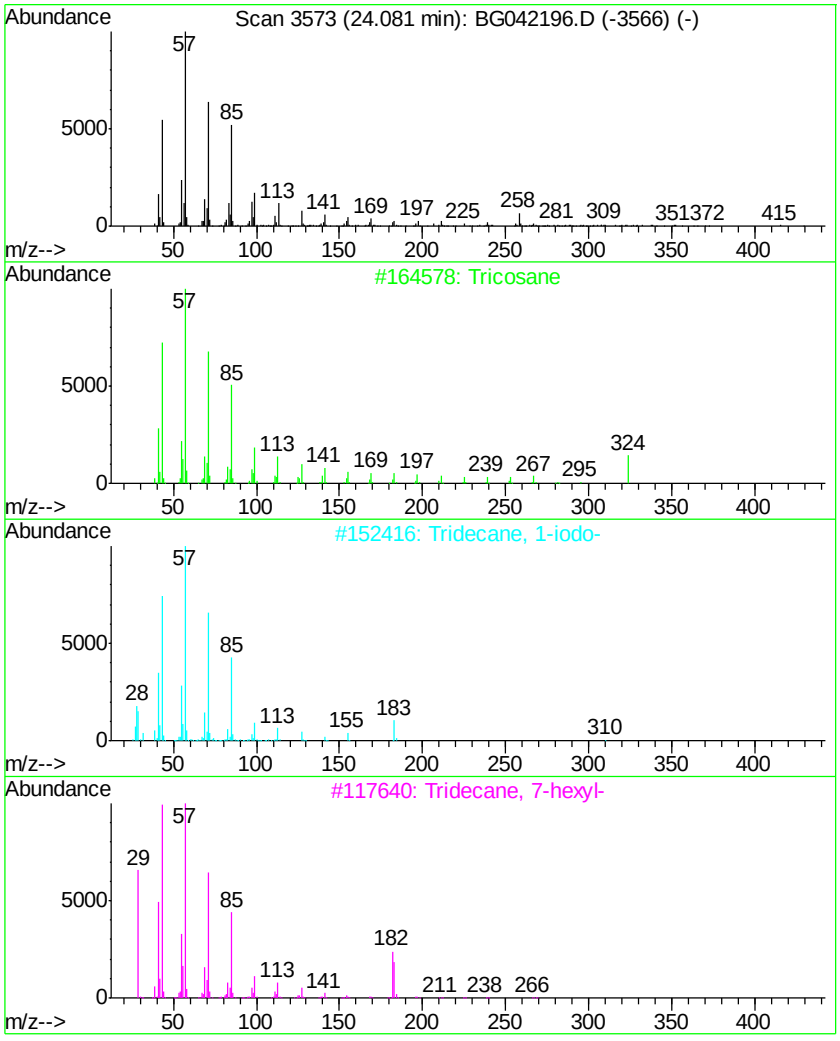
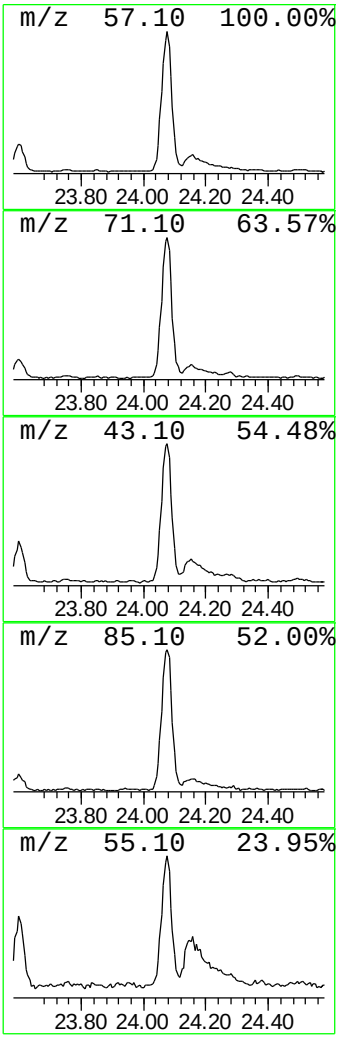
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	9.33 ng/ul	690883	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Docosane	310	C22H46	000629-97-0	90





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Misc :
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Quant Title : SVOA CALIBRATION

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

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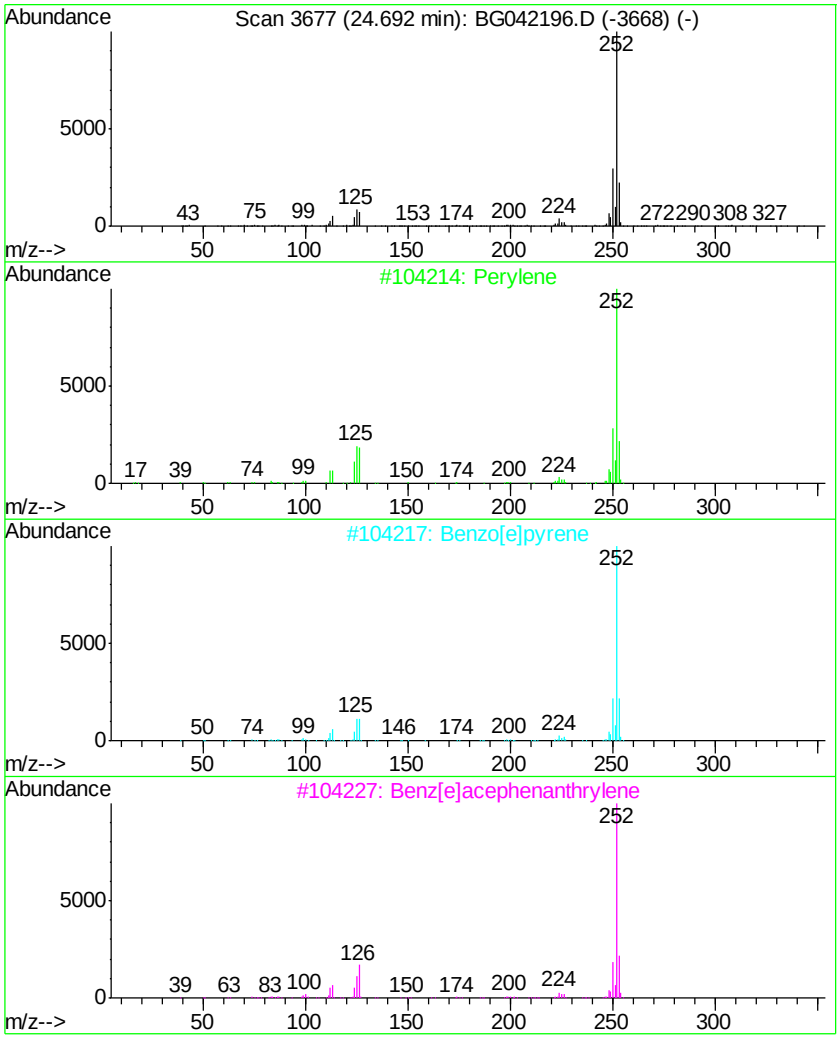
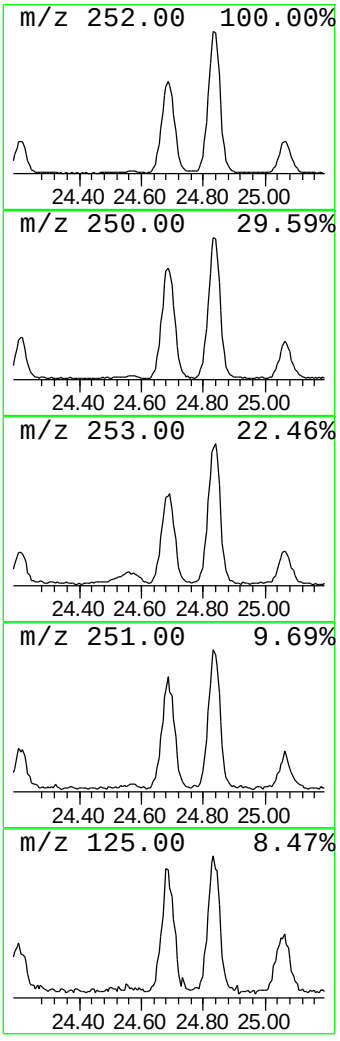
Peak Number 13 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	7.02 ng/ul	519756	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Quant Title : SVOA CALIBRATION

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

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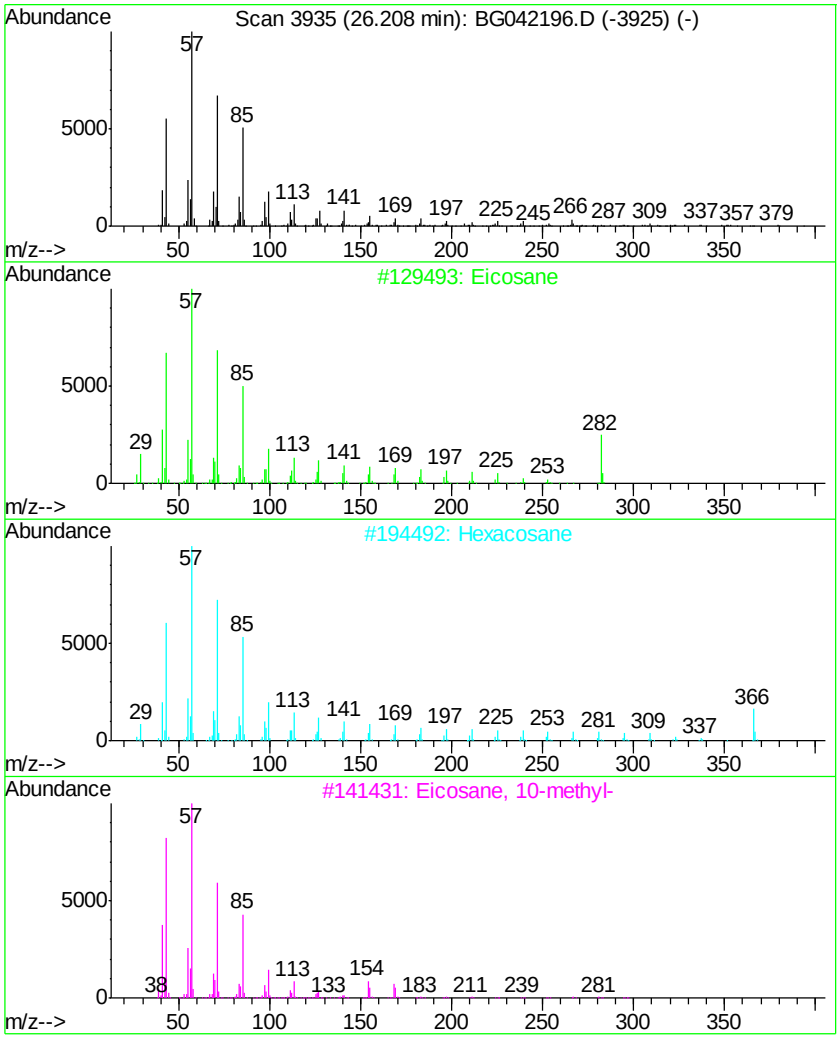
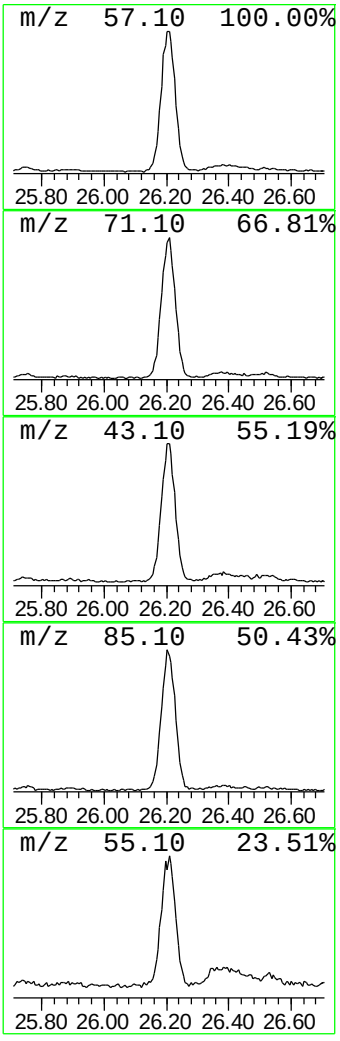
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	12.31 ng/ul	911416	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexacosane	366	C26H54	000630-01-3	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Pentacosane	352	C25H52	000629-99-2	93
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93





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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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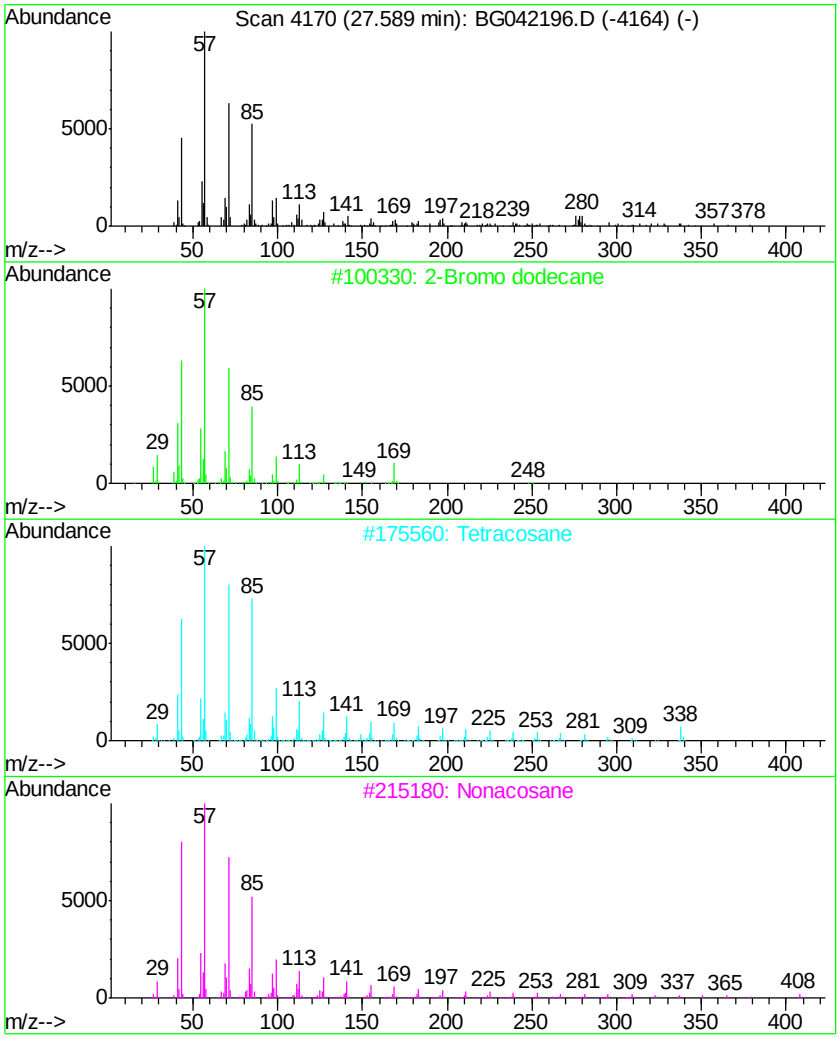
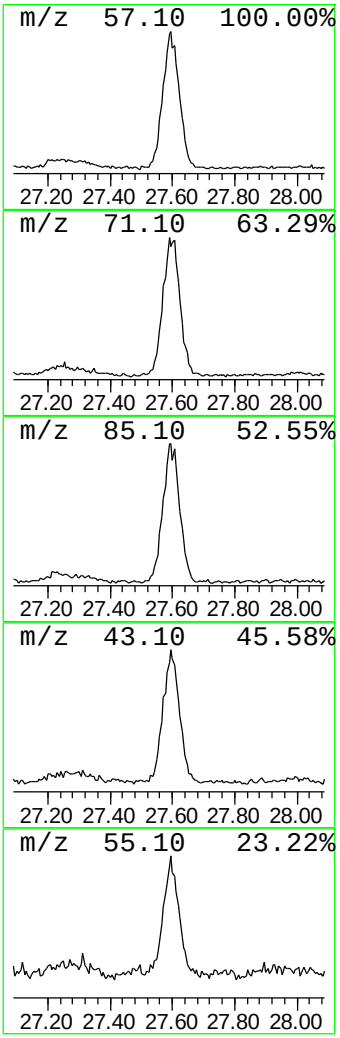
Peak Number 15 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	6.10 ng/ul	452129	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonacosane	408	C29H60	000630-03-5	87
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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Quant Title : SVOA CALIBRATION

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

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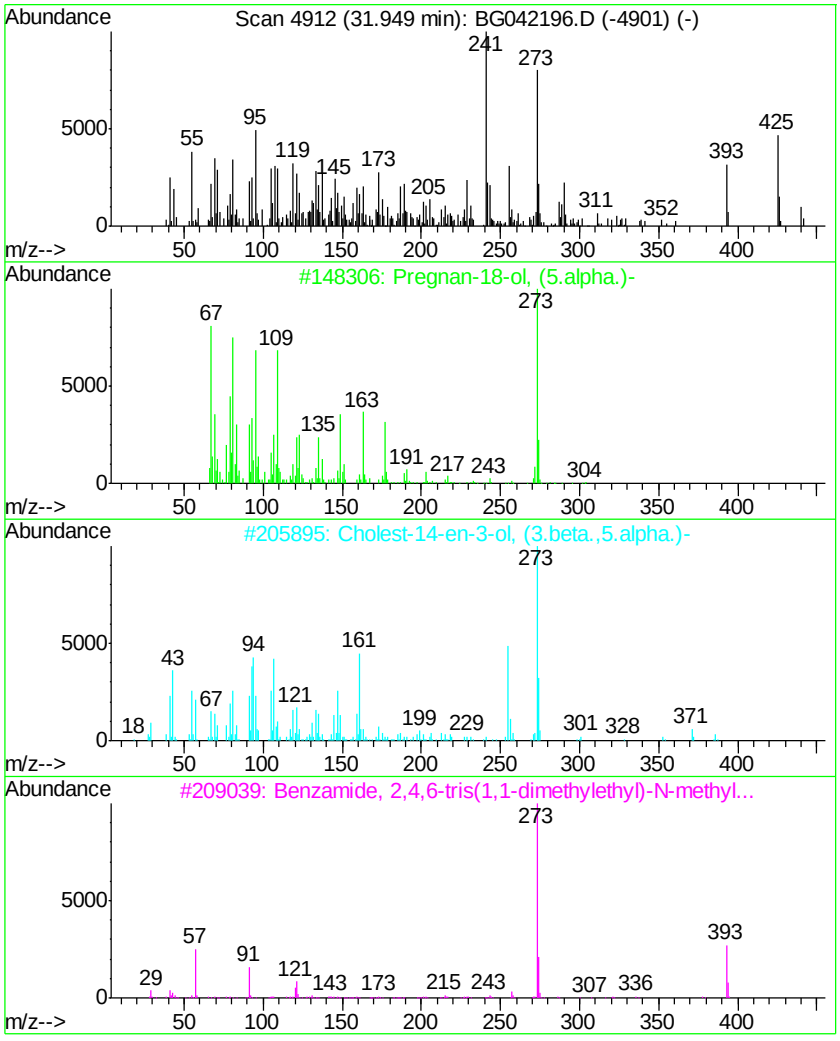
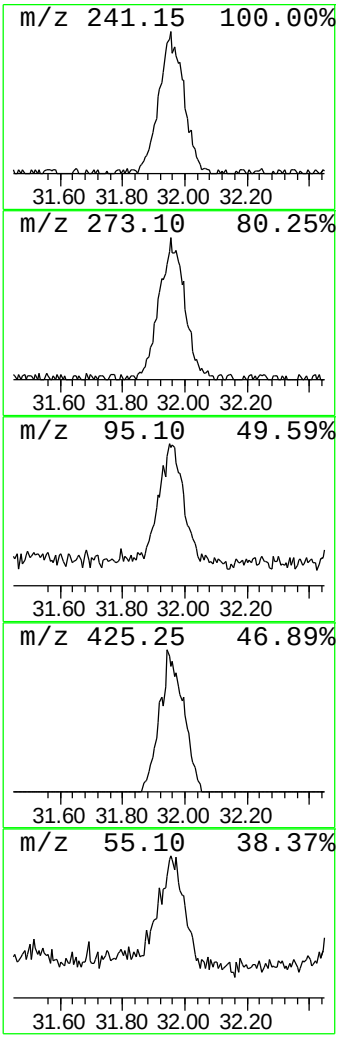
Peak Number 16 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	11.70 ng/ul	866901	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	20
2	Cholest-14-en-3-ol, (3.beta.,5.a...	386	C27H46O	020780-35-2	18
3	Benzamide, 2,4,6-tris(1,1-dimeth...	393	C27H39NO	016420-52-3	18
4	Malonodinitrile, 2-[3-dimethylam...	273	C18H15N3	1000264-78-5	15
5	Pyrido[1,2-a]benzimidazole-4-car...	241	C13H8ClN3	121105-78-0	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081319\
Data File : BG042196.D
Acq On : 14 Aug 2019 5:29
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N3

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	121.0	ng/ul	2741790	1	8.02	453290	20.0
1,3,5-Cycloheptat...	4.17	3.8	ng/ul	85842	1	8.02	453290	20.0
Phenanthrene, 2-m...	18.32	2.3	ng/ul	142619	4	17.44	1248800	20.0
Phenanthrene, 1-m...	18.36	3.3	ng/ul	208369	4	17.44	1248800	20.0
4H-Cyclopenta[def...	18.51	4.2	ng/ul	259211	4	17.44	1248800	20.0
Pyrene, 1-methyl-	20.34	3.4	ng/ul	445529	5	21.72	2610640	20.0
1-Dodecanol, 2-oc...	21.37	3.1	ng/ul	401842	5	21.72	2610640	20.0
Cyclopenta(cd)pyr...	21.92	2.2	ng/ul	292828	5	21.72	2610640	20.0
(DEL) Alkane: Str...	22.54	3.0	ng/ul	396698	5	21.72	2610640	20.0
(DEL) Alkane: Str...	23.25	4.1	ng/ul	534659	5	21.72	2610640	20.0
Oxirane, hexadecyl-	23.60	4.2	ng/ul	309888	6	24.99	1481260	20.0
(DEL) Alkane: Str...	24.08	9.3	ng/ul	690883	6	24.99	1481260	20.0
Perylene	24.69	7.0	ng/ul	519756	6	24.99	1481260	20.0
(DEL) Alkane: Str...	26.21	12.3	ng/ul	911416	6	24.99	1481260	20.0
2-Bromo dodecane	27.59	6.1	ng/ul	452129	6	24.99	1481260	20.0
unknown-01	31.95	11.7	ng/ul	866901	6	24.99	1481260	20.0