LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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	28	rVB	1850586	2995380	100.00%	6.338%
2	4.169	179	184	192	rVV	69554	111633	3.73%	0.236%
3	7.177	688	696	709	rBV	245951	473749	15.82%	1.002%
4	7.341	717	724	740	rVB	184700	324545	10.83%	0.687%
5	7.553	753	760	768	rBV	273258	483616	16.15%	1.023%
6	8.023	832	840	848	rBV	273269	465987	15.56%	0.986%
7	8.734	953	961	978	rVV	304183	571000	19.06%	1.208%
8	9.192	1030	1039	1048	rBV	243307	449561	15.01%	0.951%
9	9.357	1061	1067	1075	rVB2	19194	32423	1.08%	0.069%
10	9.921	1155	1163	1180	rBV	218765	413982	13.82%	0.876%
11	10.467	1248	1256	1275	rBV	353141	690891	23.07%	1.462%
12	10.849	1311	1321	1326	rBV	383017	699600	23.36%	1.480%
13	10.896	1326	1329	1335	rVV	40519	69063	2.31%	0.146%
14	10.978	1335	1343	1362	rVB	295958	612363	20.44%	1.296%
15	12.512	1598	1604	1612	rVB	28085	48193	1.61%	0.102%
16	12.729	1633	1641	1649	rVB	17403	32828	1.10%	0.069%
17	13.863	1825	1834	1839	rBV4	16378	42187	1.41%	0.089%
18	14.004	1853	1858	1863	rBV2	23575	45052	1.50%	0.095%
19	14.080	1863	1871	1876	rVV	655926	1037543	34.64%	2.195%
20	14.127	1876	1879	1884	rVV	60516	90821	3.03%	0.192%
21	14.374	1910	1921	1934	rBV	813265	1372136	45.81%	2.903%
22	14.686	1964	1974	1980	rBV2	637215	1041699	34.78%	2.204%
23	14.744	1980	1984	1992	rVB	56799	100569	3.36%	0.213%
24	14.879	2000	2007	2020	rBV	179713	385889	12.88%	0.817%
25	15.085	2036	2042	2048	rVV	55129	90997	3.04%	0.193%
26	15.479	2100	2109	2112	rBV4	17908	35688	1.19%	0.076%
27	15.679	2134	2143	2149	rBV	1075598	1648322	55.03%	3.488%
28	15.731	2149	2152	2158	rVB2	69303	96917	3.24%	0.205%
29	15.796	2158	2163	2171	rBV	200534	321023	10.72%	0.679%
30	16.025	2198	2202	2210	rVB	33490	59931	2.00%	0.127%
31	16.178	2218	2228	2236	rBV	32437	79368	2.65%	0.168%
32	16.254	2236	2241	2249	rVB6	13140	31506	1.05%	0.067%
33	16.413	2259	2268	2273	rBV7	26740	72253	2.41%	0.153%
34	16.742	2315	2324	2328	rVV4	29940	66673	2.23%	0.141%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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	16.789	2328	2332	2337	rVB3	19055	32152	1.07%	0.068%
36	16.895	2337	2350	2355	rVB8	14244	43778	1.46%	0.093%
37	16.971	2355	2363	2366	rBV5	37189	73258	2.45%	0.155%
38	17.089	2378	2383	2390	rVV2	49962	89009	2.97%	0.188%
39	17.165	2390	2396	2398	rVV	33240	51432	1.72%	0.109%
40	17.189	2398	2400	2407	rVV6	36640	59354	1.98%	0.126%
41	17.253	2407	2411	2420	rVB	65725	107183	3.58%	0.227%
42	17.435	2436	2442	2446	rBV2	776911	1220357	40.74%	2.582%
43	17.482	2446	2450	2454	rVV	926957	1384784	46.23%	2.930%
44	17.535	2454	2459	2463	rVV	1118556	1735331	57.93%	3.672%
45	17.570	2463	2465	2470	rVB	229250	277933	9.28%	0.588%
46	17.623	2470	2474	2480	rVB4	20237	38118	1.27%	0.081%
47	17.841	2506	2511	2515	rBV	65545	110298	3.68%	0.233%
48	17.952	2528	2530	2534	rVB2	23064	30462	1.02%	0.064%
49	18.017	2537	2541	2551	rVB3	37587	72539	2.42%	0.153%
50	18.164	2562	2566	2572	rVB	18728	32320	1.08%	0.068%
51	18.317	2587	2592	2596	rBV	165662	237337	7.92%	0.502%
52	18.364	2596	2600	2609	rVB	231377	340176	11.36%	0.720%
53	18.446	2609	2614	2618	rBV	75069	111952	3.74%	0.237%
54	18.511	2618	2625	2629	rVV2	224154	427461	14.27%	0.904%
55	18.546	2629	2631	2639	rVB	112738	145055	4.84%	0.307%
56	18.622	2640	2644	2647	rBV4	22337	31661	1.06%	0.067%
57	18.810	2671	2676	2680	rBV	131933	190503	6.36%	0.403%
58	18.851	2680	2683	2691	rVV3	61647	109910	3.67%	0.233%
59	18.939	2695	2698	2705	rVB4	17063	30726	1.03%	0.065%
60	19.057	2710	2718	2722	rBV	66552	119868	4.00%	0.254%
61	19.110	2723	2727	2730	rVV	59845	85779	2.86%	0.182%
62	19.151	2730	2734	2737	rVB	42767	59325	1.98%	0.126%
63	19.227	2742	2747	2752	rBV	111696	205485	6.86%	0.435%
64	19.321	2761	2763	2766	rVB2	45147	44508	1.49%	0.094%
65	19.368	2766	2771	2780	rBV2	90279	174742	5.83%	0.370%
66	19.492	2786	2792	2798	rVB	1697261	2452745	81.88%	5.190%
67	19.550	2798	2802	2806	rBV2	39947	49479	1.65%	0.105%
68	19.592	2806	2809	2813	rVB3	35249	49750	1.66%	0.105%
69	19.639	2813	2817	2820	rBV2	29979	46276	1.54%	0.098%
70	19.733	2830	2833	2842	rVB3	65120	120358	4.02%	0.255%
71	19.827	2843	2849	2852	rBV2	1688350	2833307	94.59%	5.995%

LSC Area Percent Report

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Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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	19.856	2852	2854	2861	rVV	1428612	1619724	54.07%	3.427%
73	19.927	2861	2866	2873	rVB2	99856	167910	5.61%	0.355%
74	20.032	2880	2884	2890	rVB	86983	130598	4.36%	0.276%
75	20.167	2902	2907	2908	rBV	123886	156158	5.21%	0.330%
76	20.344	2927	2937	2942	rBV	273317	581339	19.41%	1.230%
77	20.444	2950	2954	2958	rBV	152143	194588	6.50%	0.412%
78	20.502	2959	2964	2968	rVV2	149037	248152	8.28%	0.525%
79	20.538	2968	2970	2974	rVB	44418	51207	1.71%	0.108%
80	20.643	2984	2988	2991	rBV	89746	113451	3.79%	0.240%
81	20.684	2993	2995	3000	rVB	85014	102043	3.41%	0.216%
82	21.107	3063	3067	3075	rVB	157321	243871	8.14%	0.516%
83	21.337	3103	3106	3109	rBV	94103	157147	5.25%	0.333%
84	21.372	3109	3112	3119	rVV2	176750	397150	13.26%	0.840%
85	21.442	3121	3124	3133	rVB2	153117	276992	9.25%	0.586%
86	21.713	3162	3170	3176	rBV3	1080489	2957314	98.73%	6.258%
87	21.766	3176	3179	3192	rVB	657201	1143979	38.19%	2.421%
88	21.924	3201	3206	3212	rBV	209217	332165	11.09%	0.703%
89	22.130	3237	3241	3249	rVB2	77126	134753	4.50%	0.285%
90	22.465	3294	3298	3303	rVB	126689	209755	7.00%	0.444%
91	22.541	3306	3311	3319	rVB2	278896	473828	15.82%	1.003%
92	23.252	3426	3432	3439	rVB	324169	611606	20.42%	1.294%
93	23.951	3543	3551	3559	rBV	481368	1621915	54.15%	3.432%
94	24.075	3567	3572	3579	rVB	387385	803235	26.82%	1.700%
95	24.692	3669	3677	3682	rBV	223494	607202	20.27%	1.285%
96	24.768	3682	3690	3697	rVV	683895	1754582	58.58%	3.713%
97	24.838	3697	3702	3715	rVB	369487	981910	32.78%	2.078%
98	24.991	3719	3728	3734	rBV	495671	1506345	50.29%	3.187%
99	26.207	3926	3935	3947	rVB	293738	906521	30.26%	1.918%
100	27.594	4165	4171	4184	rVB3	140097	456018	15.22%	0.965%

Sum of corrected areas: 47259557

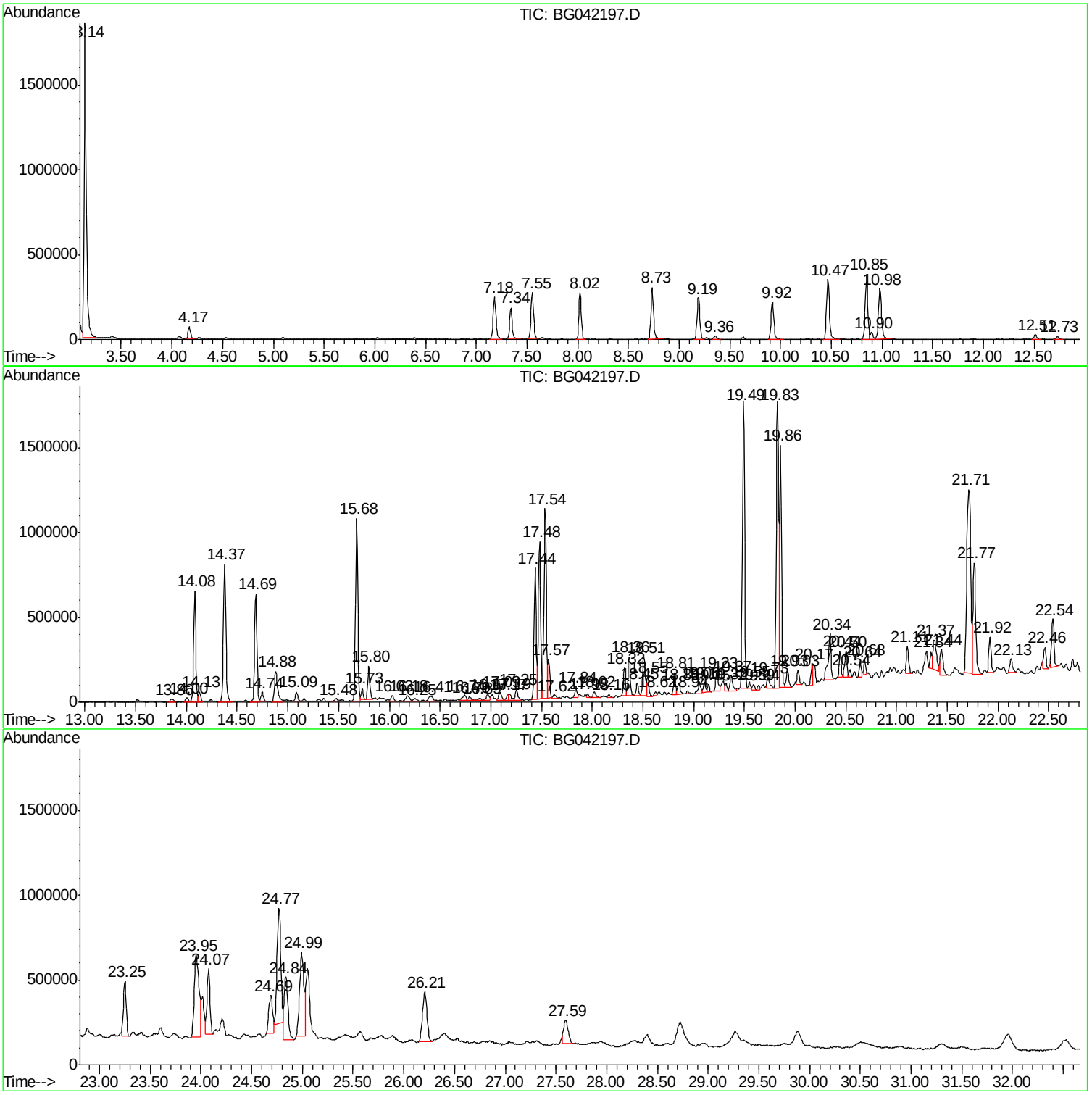
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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 : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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

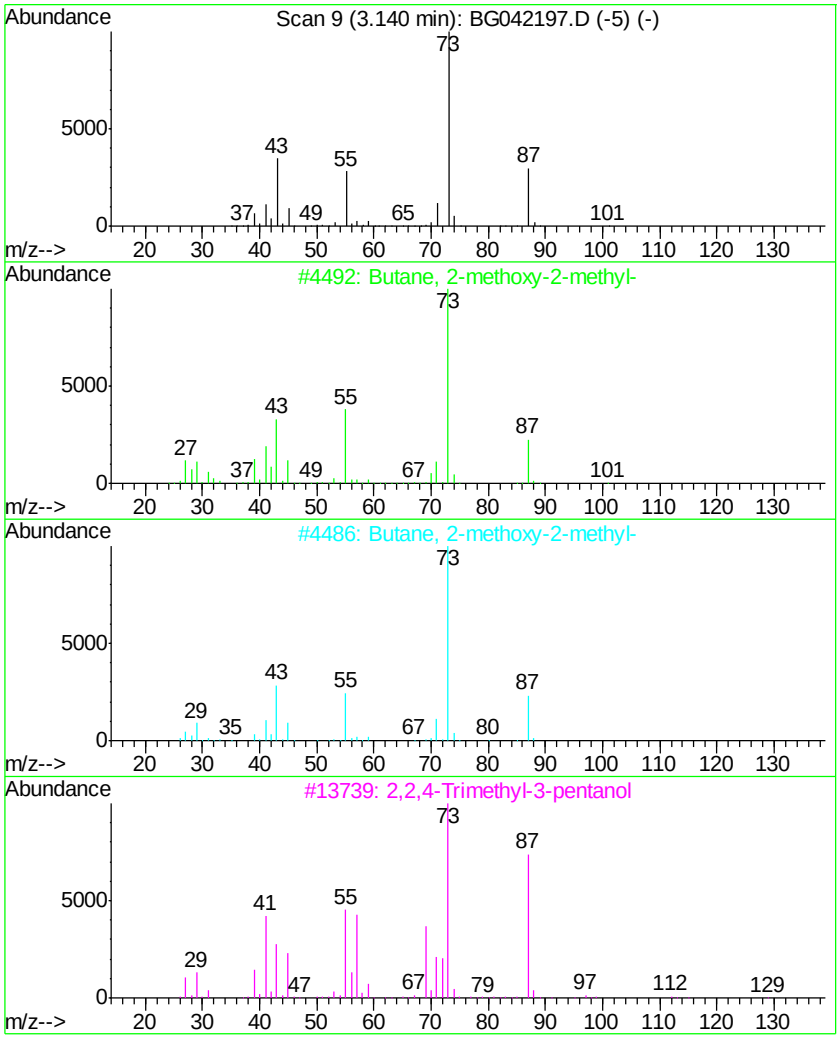
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

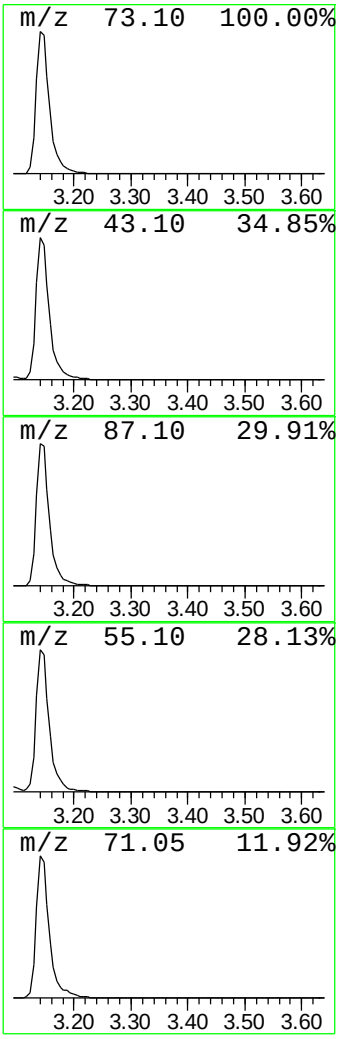
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	128.56 ng/ul	2995380	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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

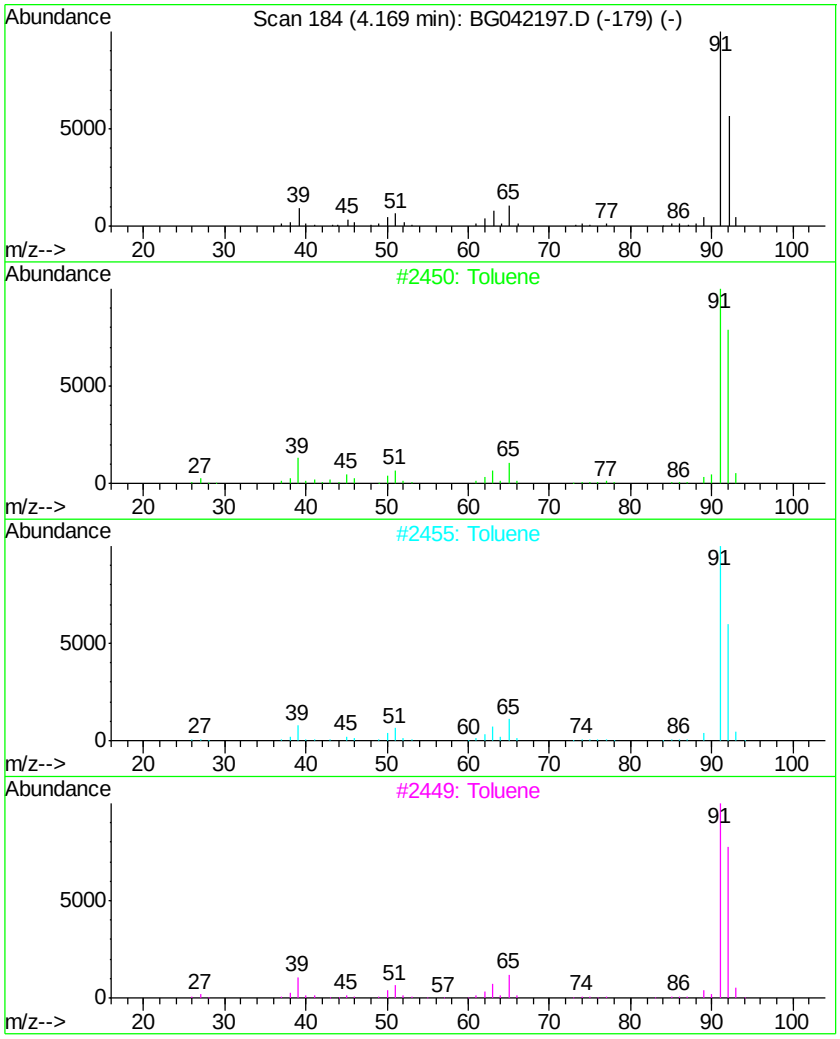
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

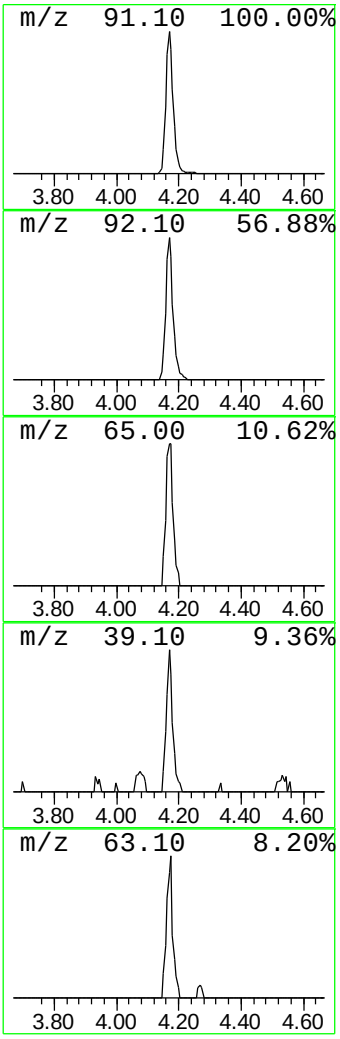
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	4.79 ng/ul	111633	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	Toluene	92	C7H8	000108-88-3	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 : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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

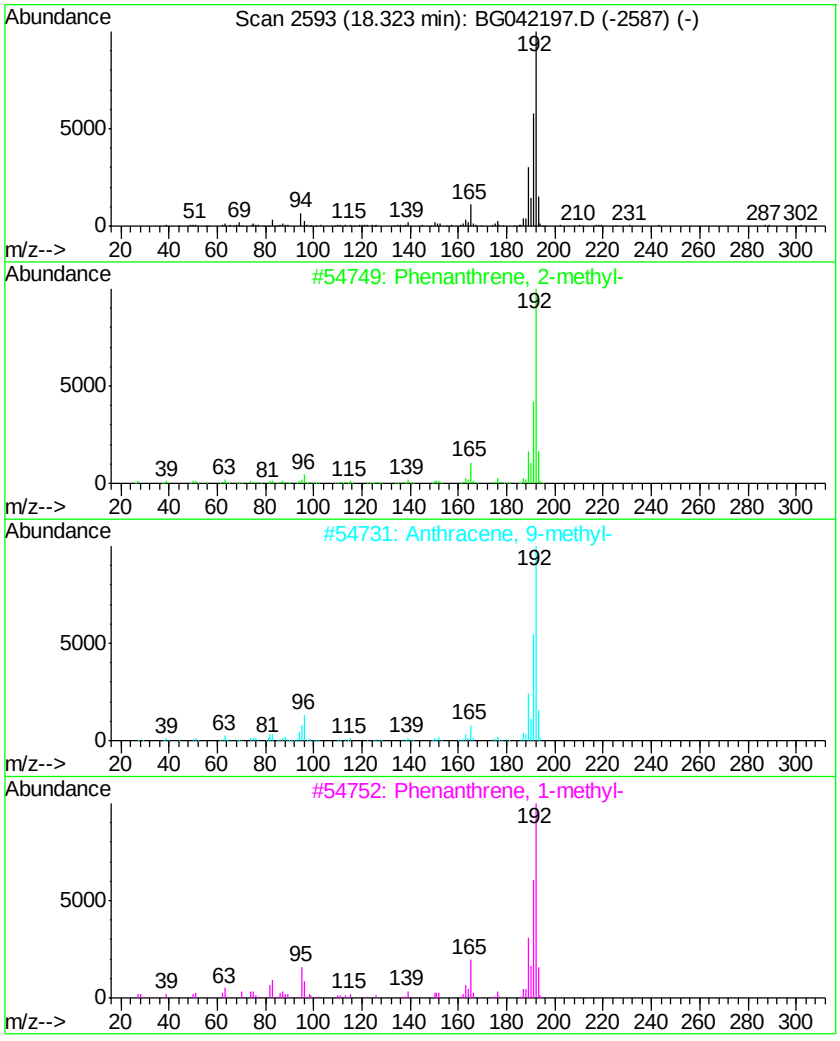
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

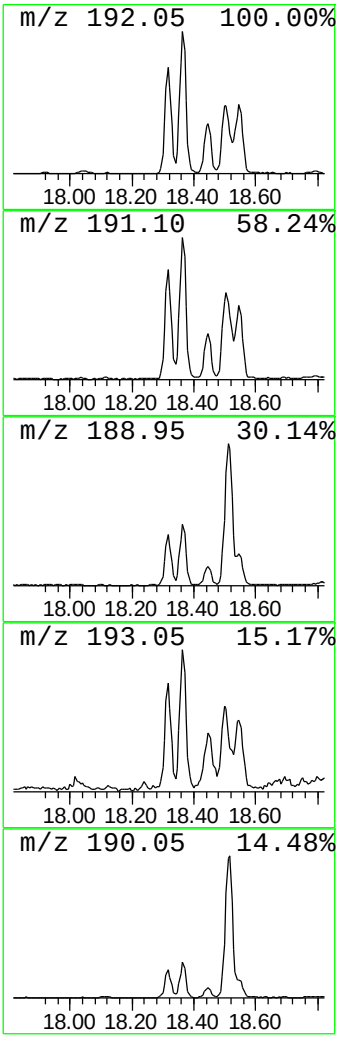
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.89 ng/ul	237337	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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

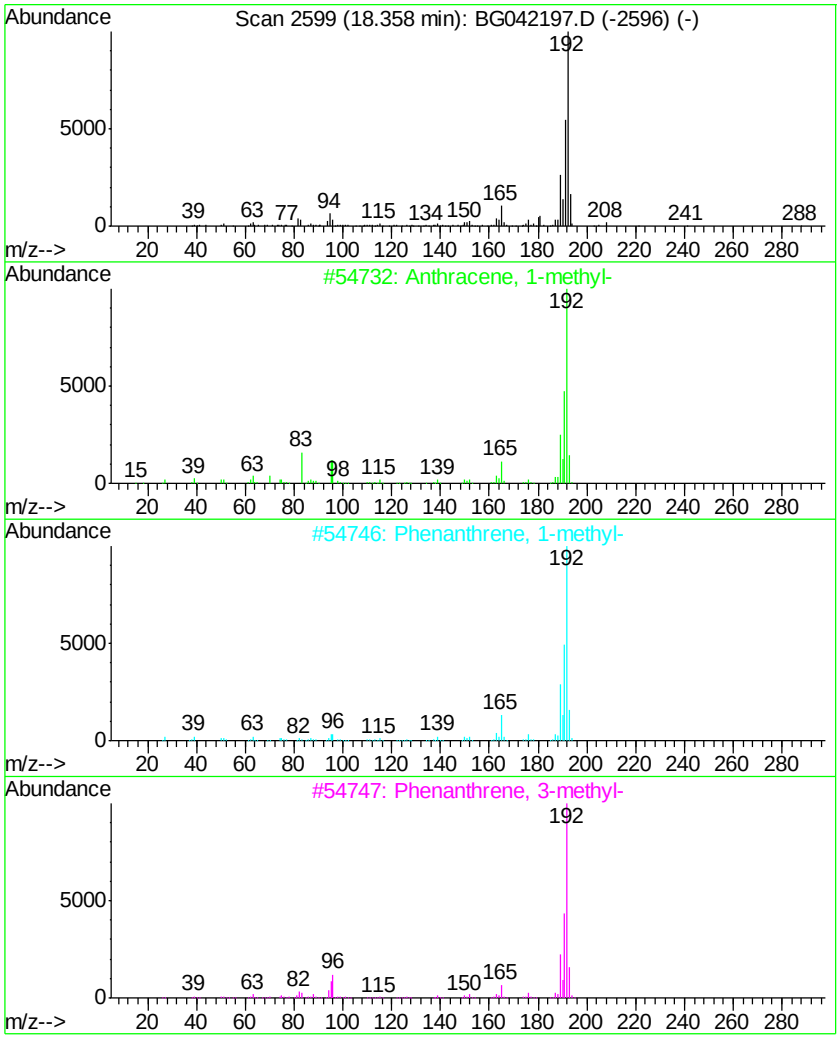
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

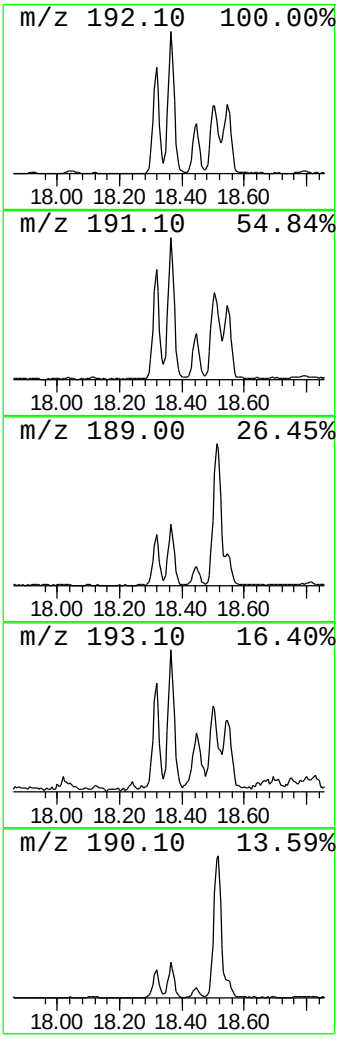
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.58 ng/ul	340176	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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

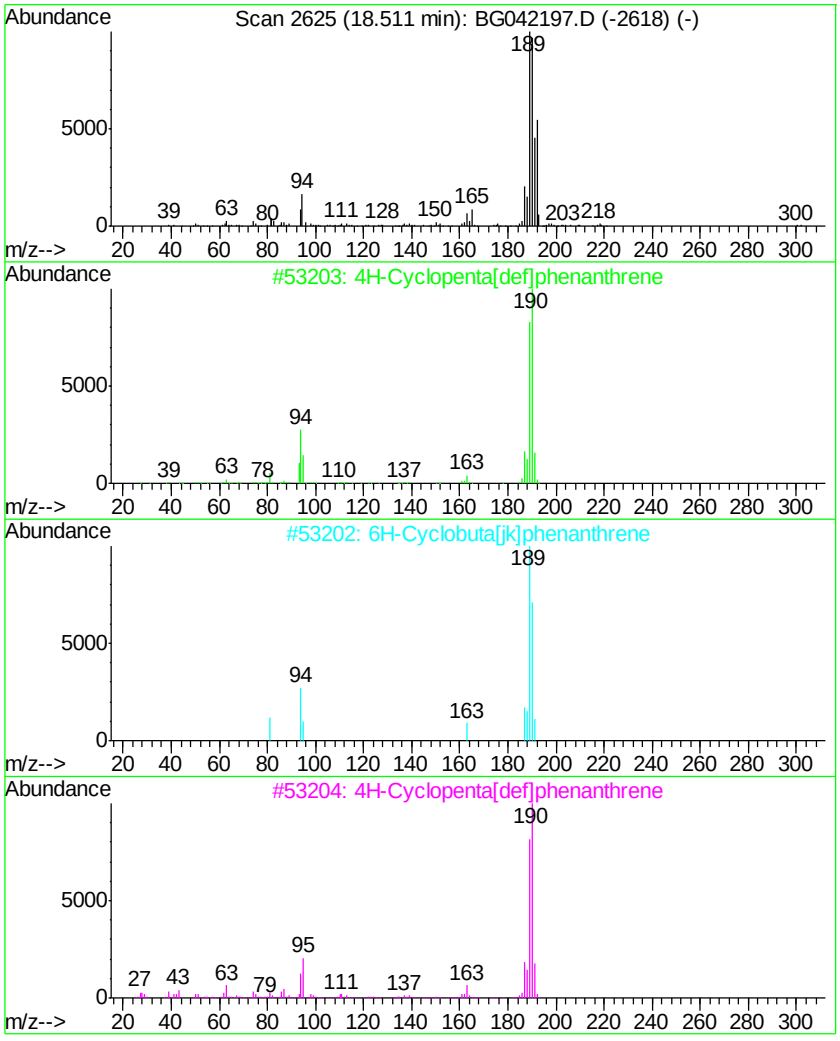
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

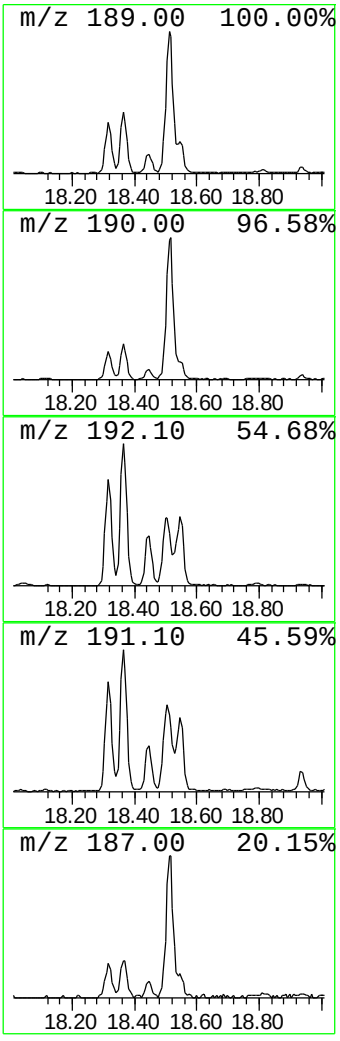
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	7.01 ng/ul	427461	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
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Instrument : BNA_G
ClientSampleId : CB5N4

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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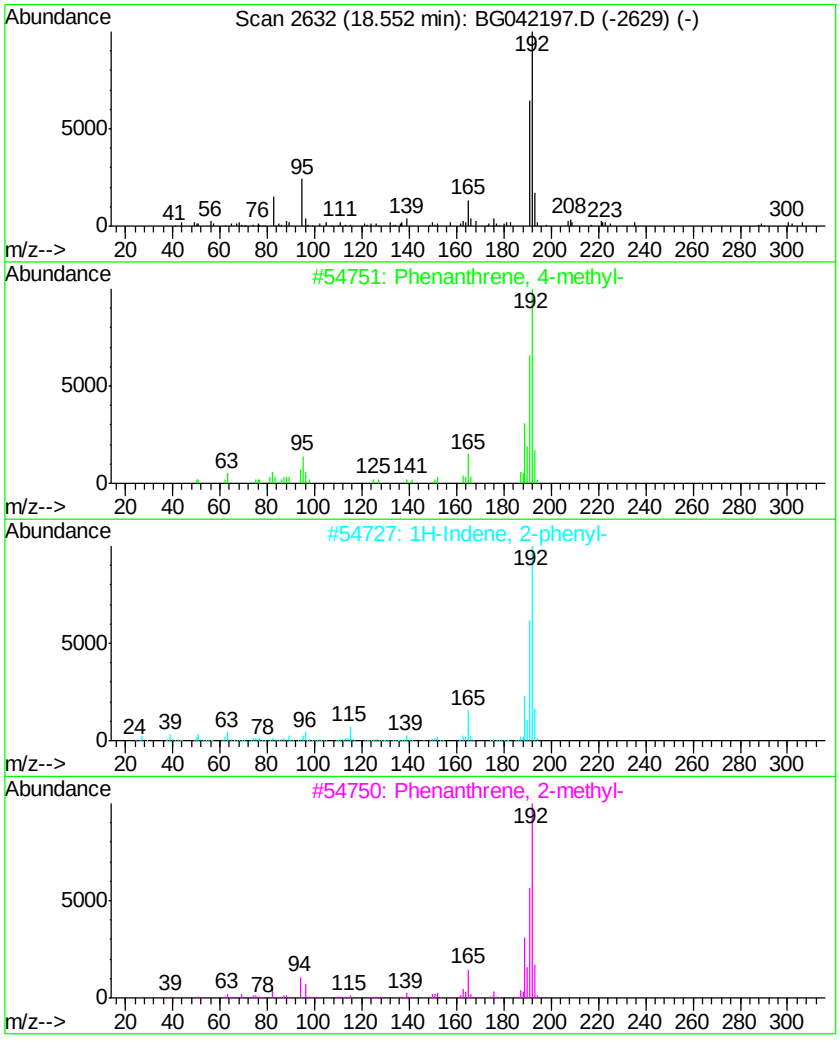
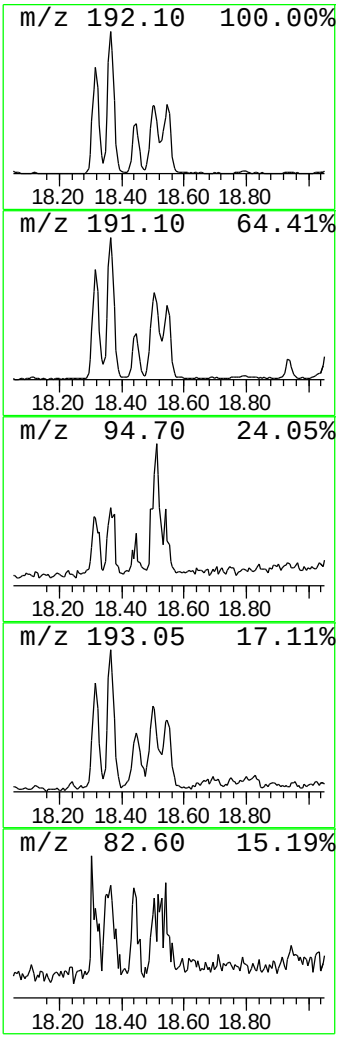
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.38 ng/ul	145055	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74





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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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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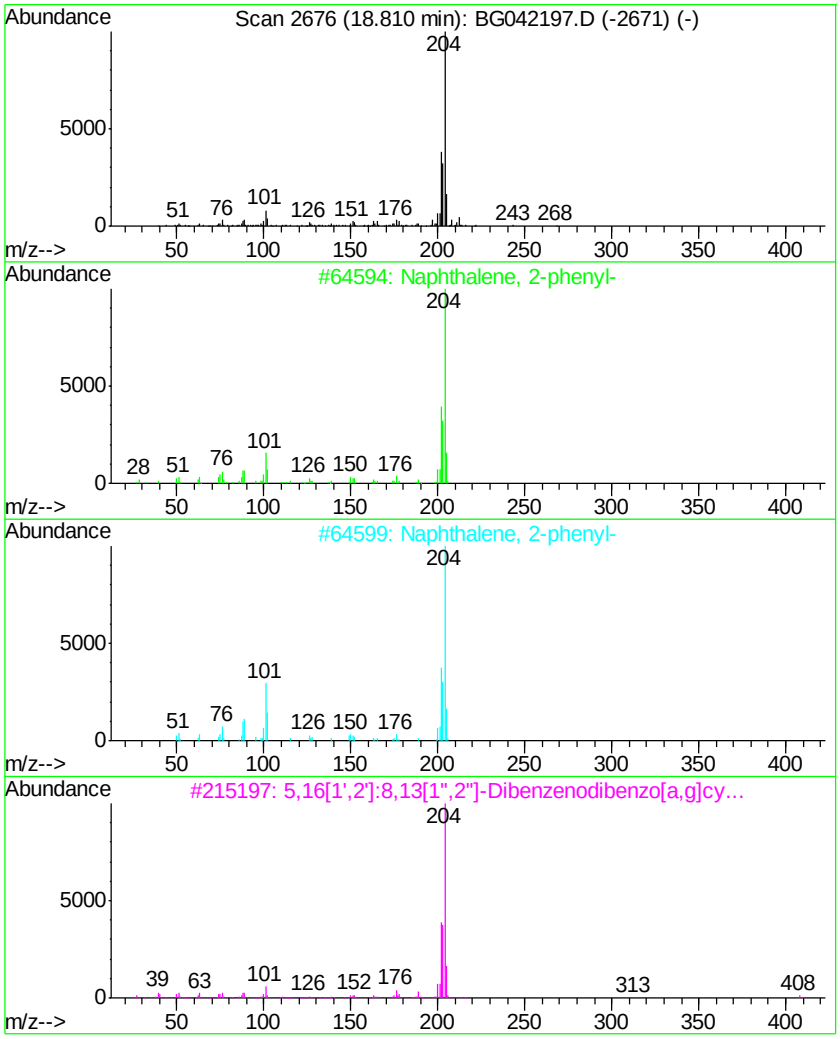
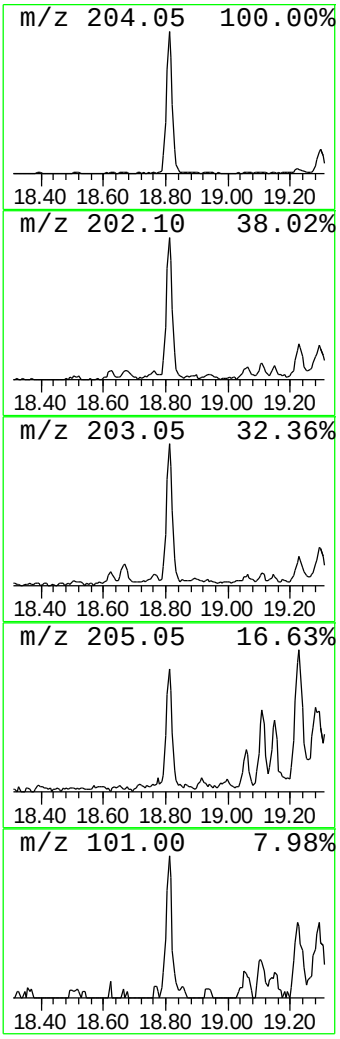
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.12 ng/ul	190503	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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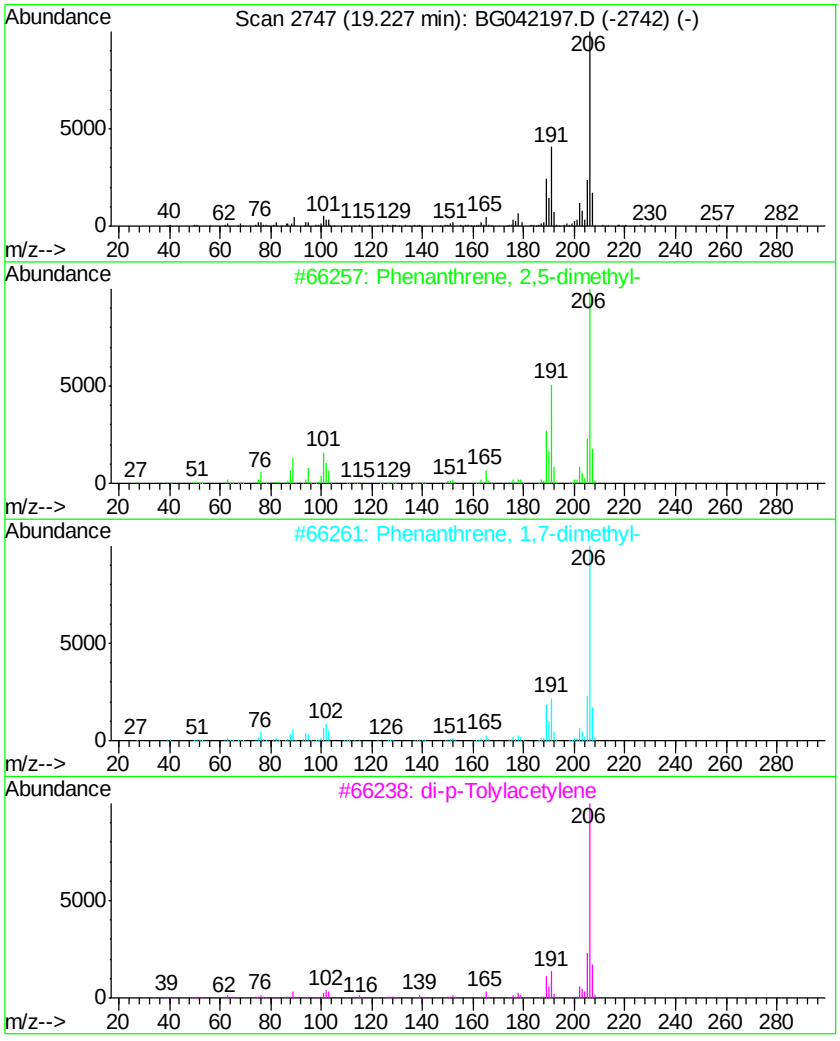
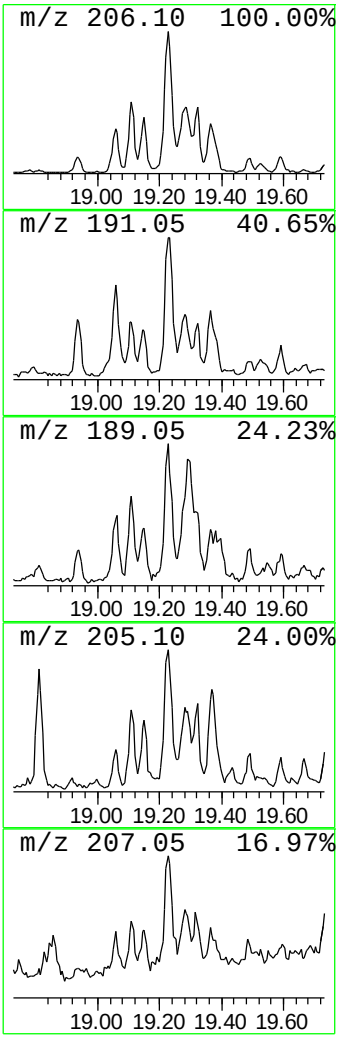
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.37 ng/ul	205485	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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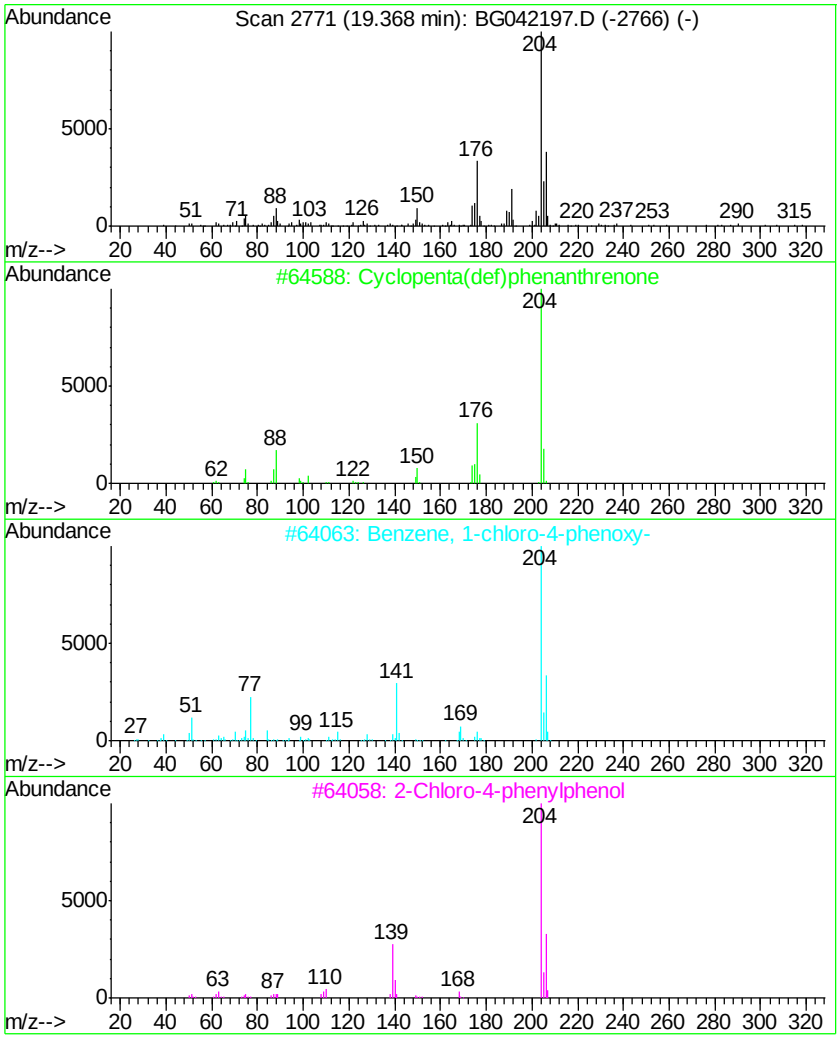
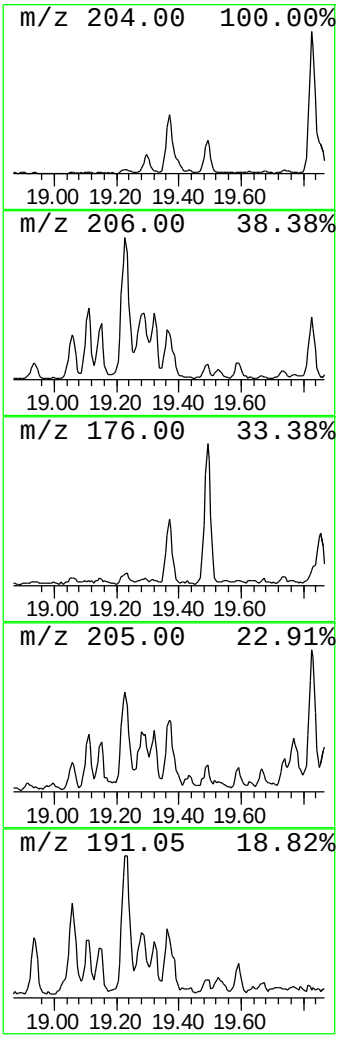
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.86 ng/ul	174742	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	49
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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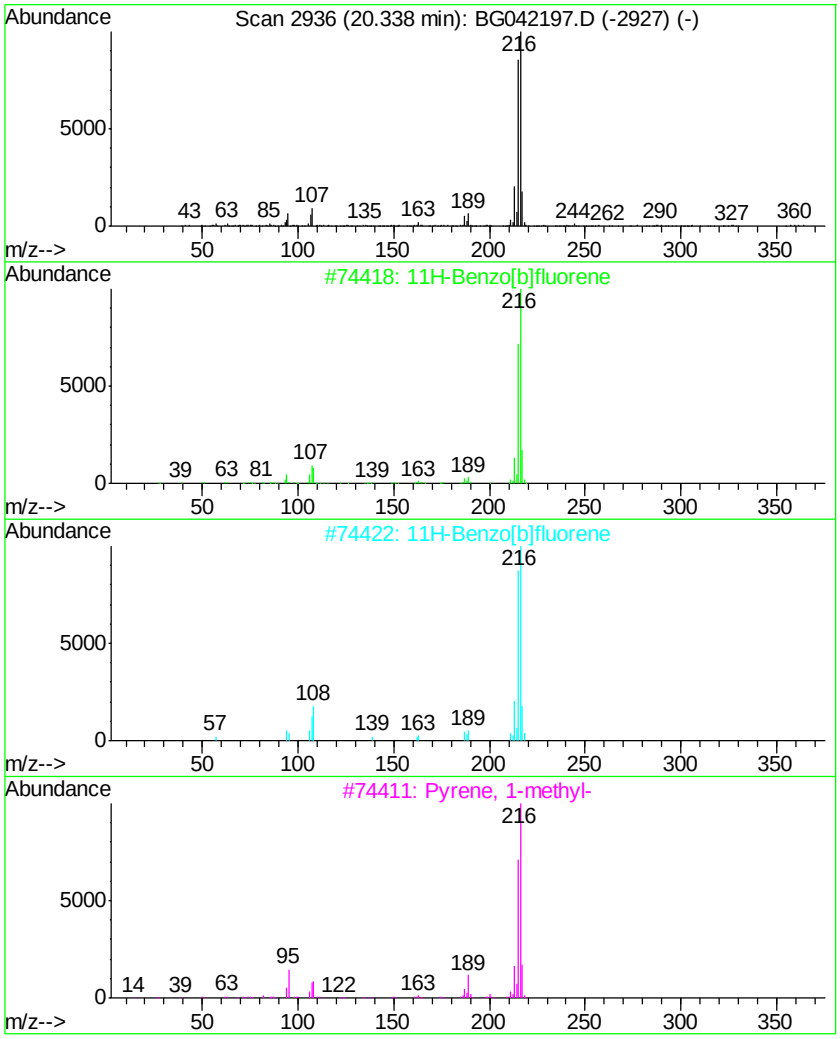
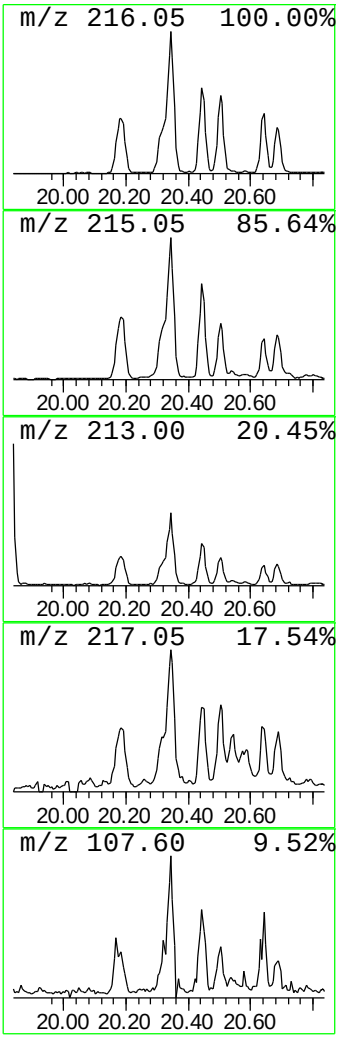
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	3.93 ng/ul	581339	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Quant Title : SVOA CALIBRATION

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

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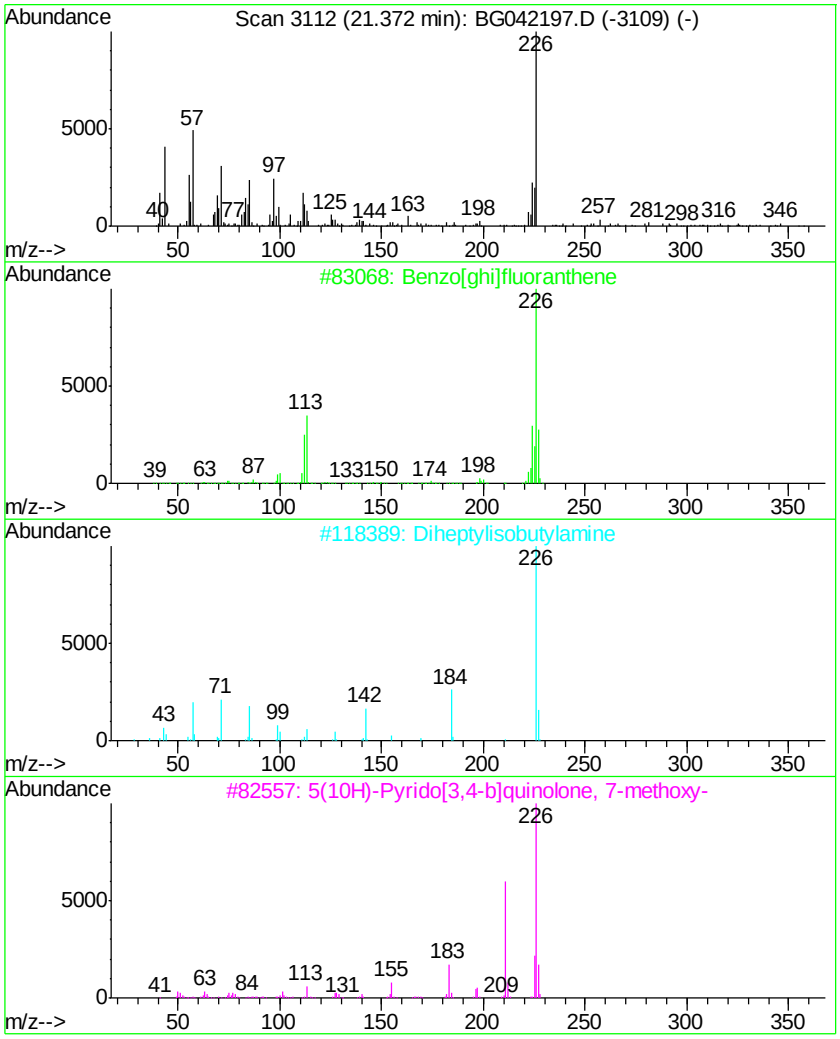
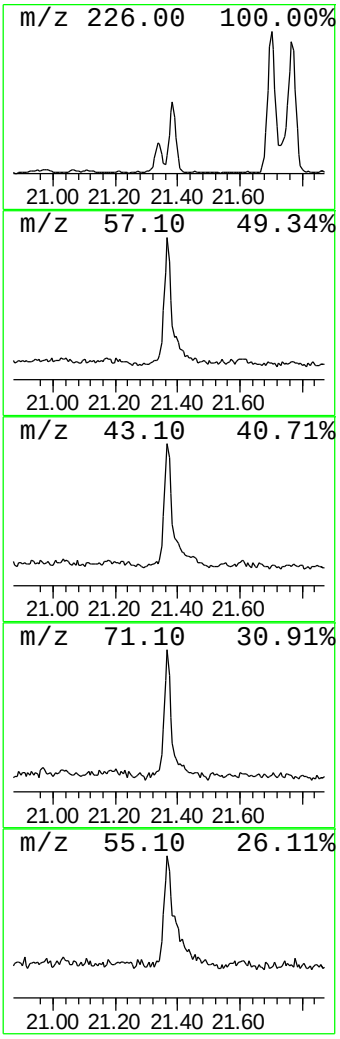
Peak Number 11 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.69 ng/ul	397150	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	37
2	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	35
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	35
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	27





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Misc :
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Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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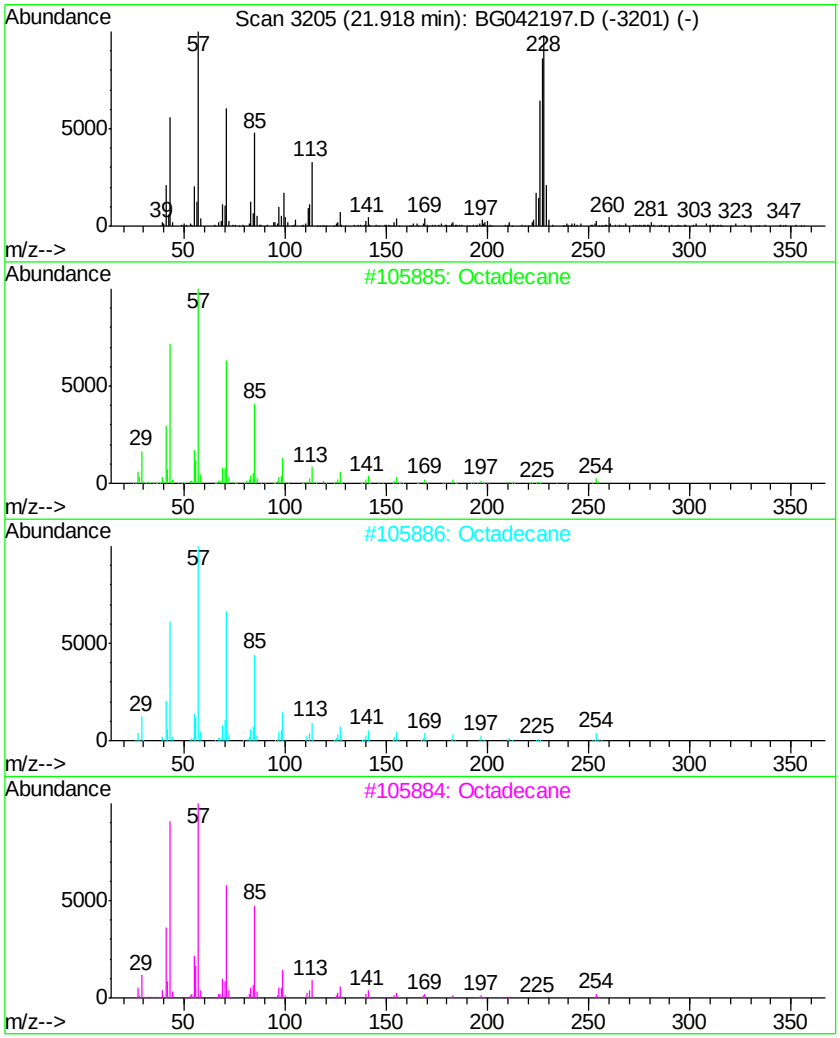
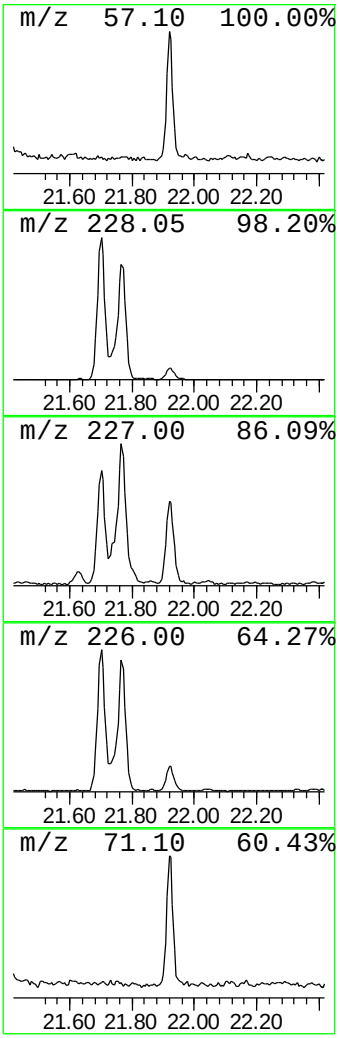
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.25 ng/ul	332165	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	55
2	Octadecane	254	C18H38	000593-45-3	53
3	Octadecane	254	C18H38	000593-45-3	44
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	42
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38





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Misc :
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Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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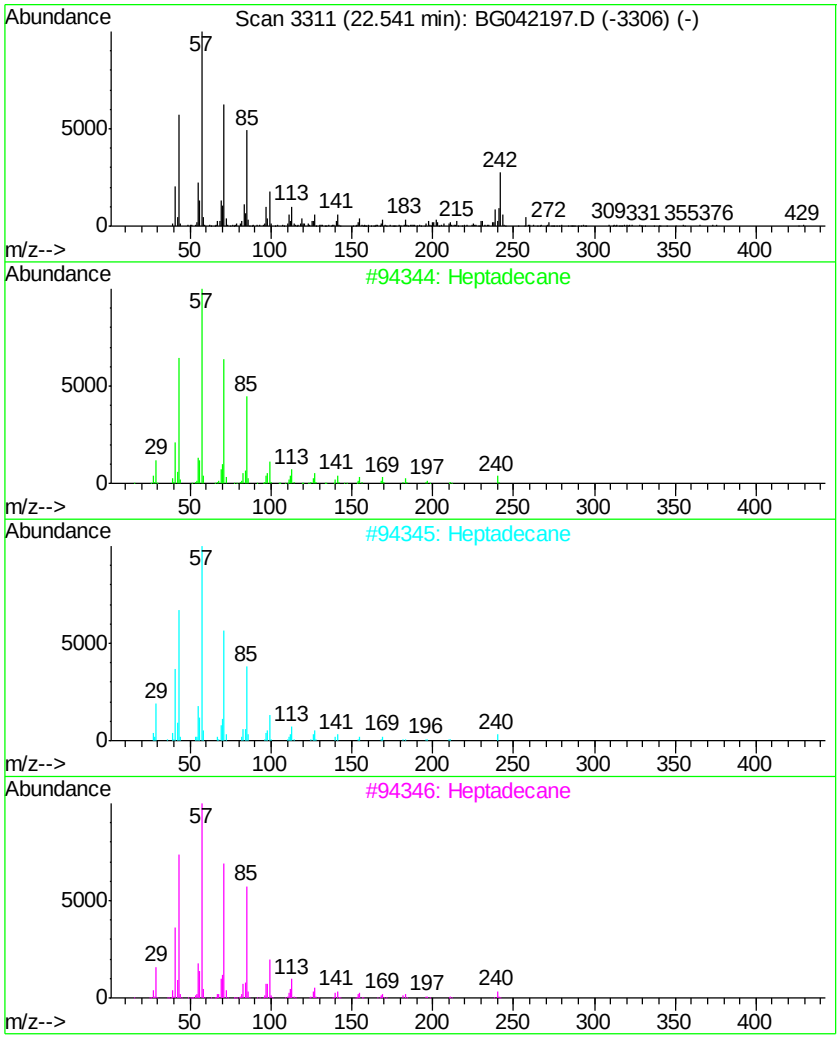
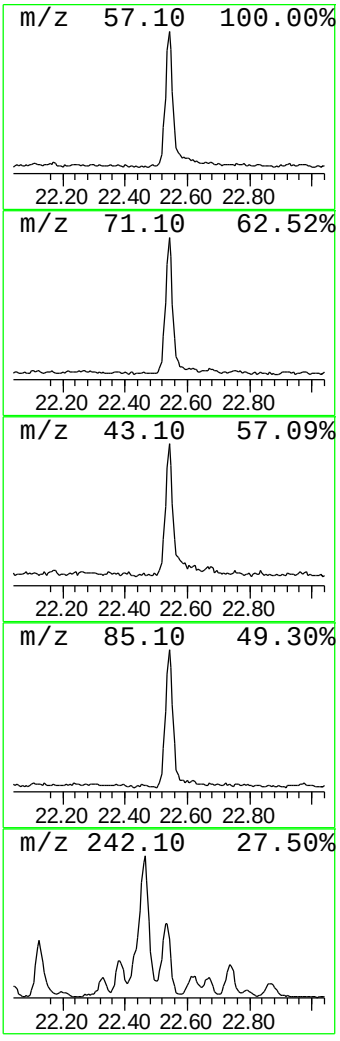
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.20 ng/ul	473828	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane	240	C17H36	000629-78-7	89
4	Triacontane	422	C30H62	000638-68-6	76
5	Octacosane	394	C28H58	000630-02-4	76





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Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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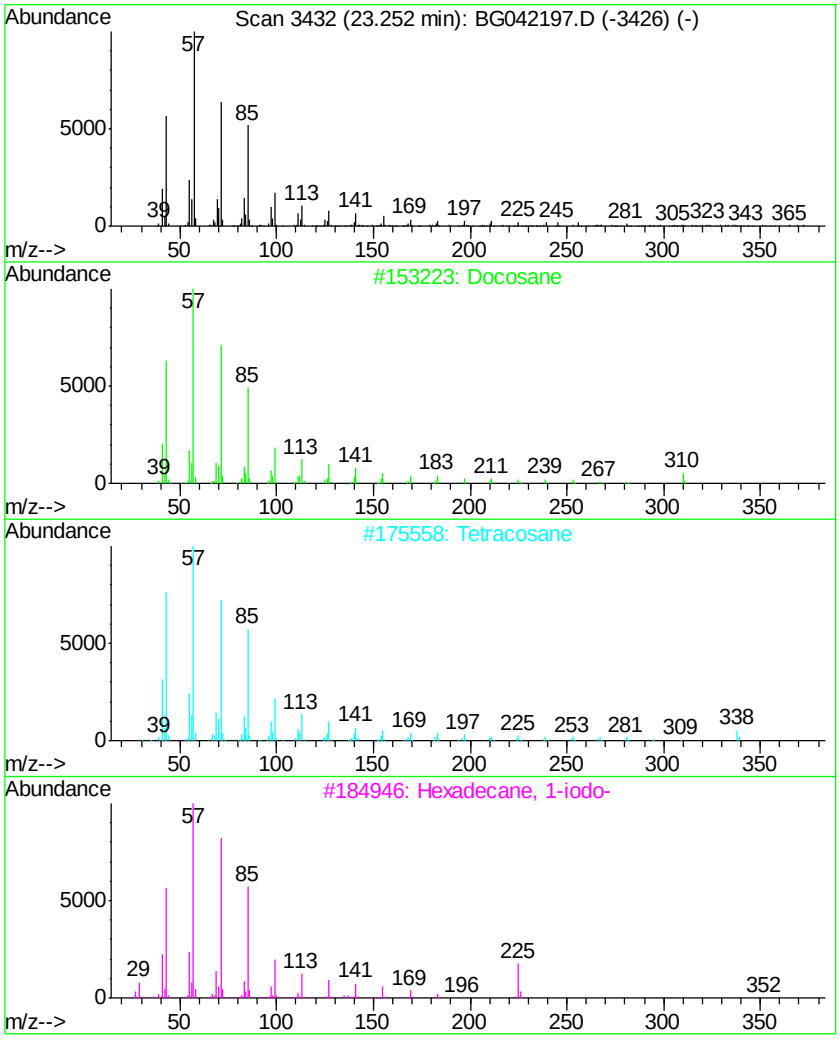
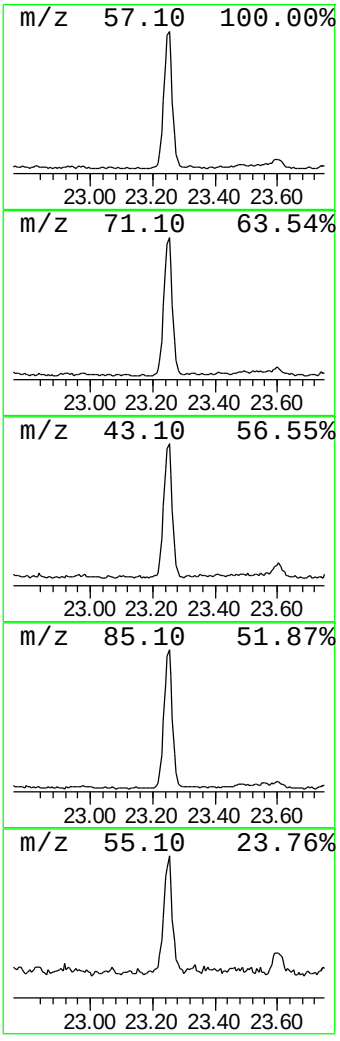
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	4.14 ng/ul	611606	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane	310	C22H46	000629-97-0	91





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Instrument : BNA_G
ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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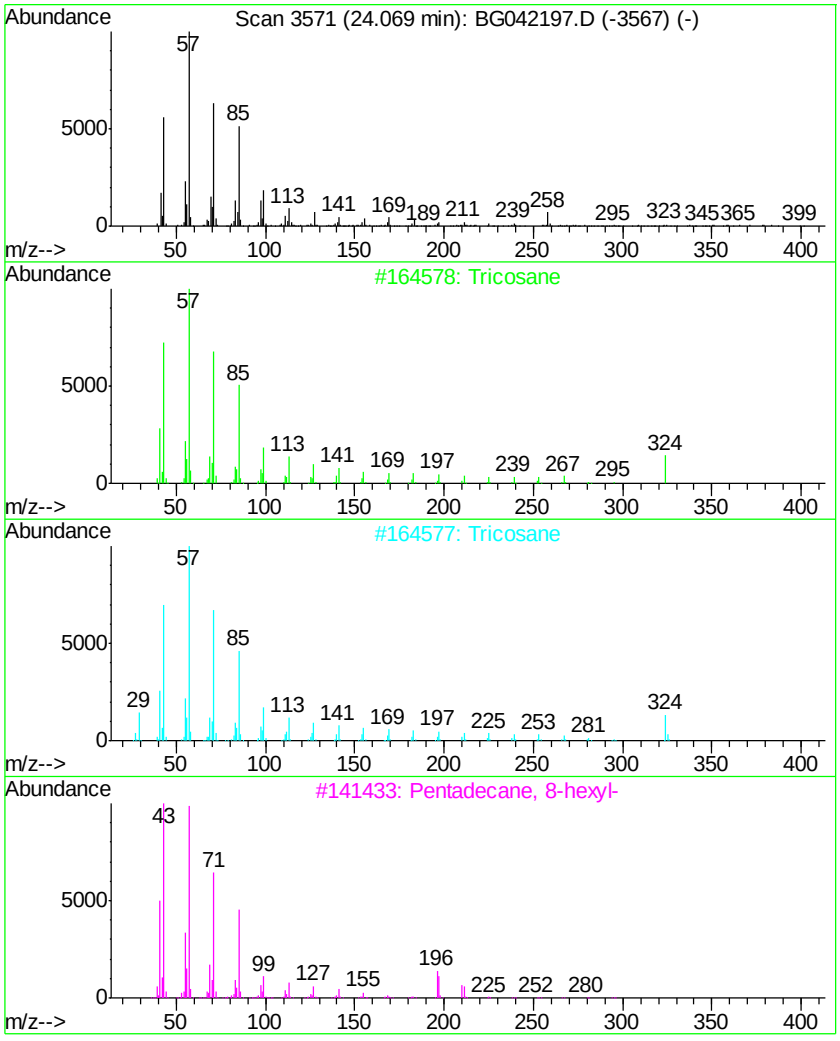
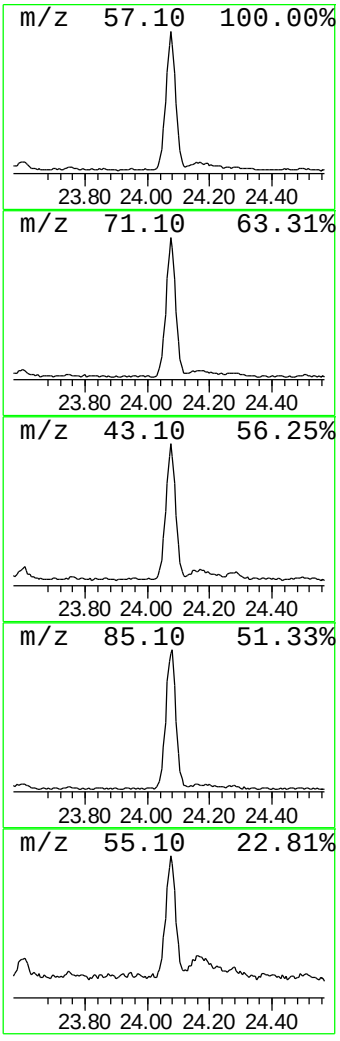
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	10.66 ng/ul	803235	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Tricosane	324	C23H48	000638-67-5	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Tetracosane	338	C24H50	000646-31-1	87





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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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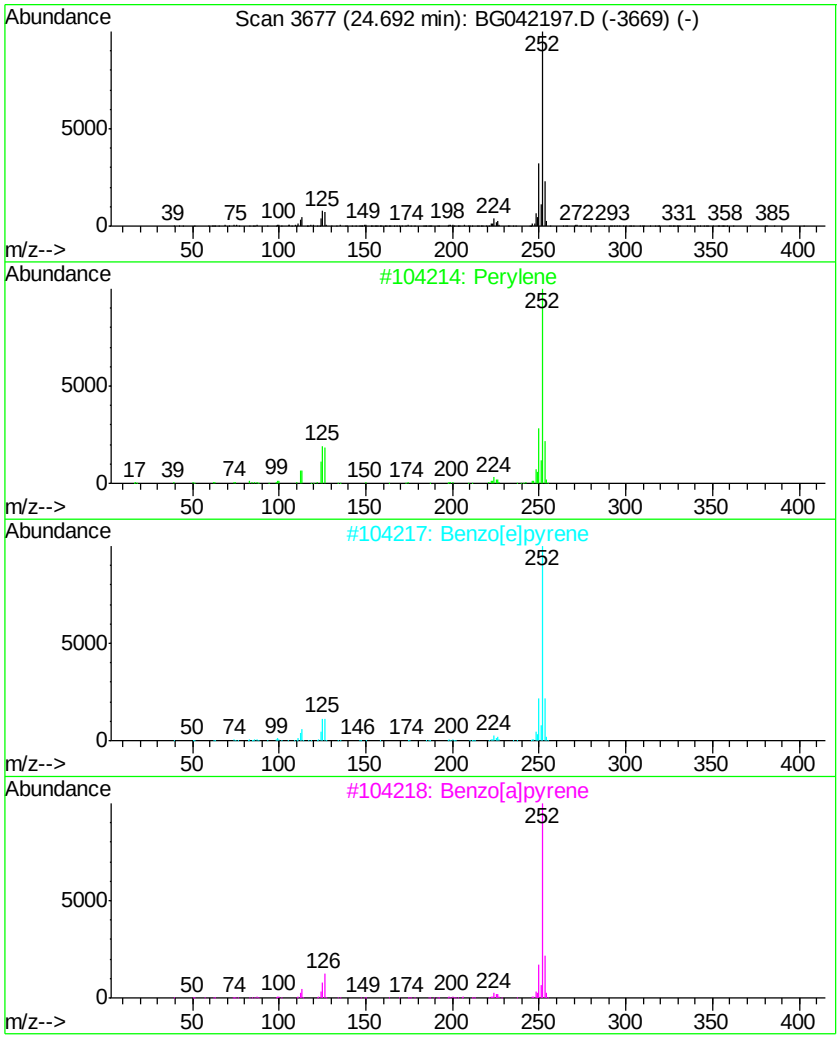
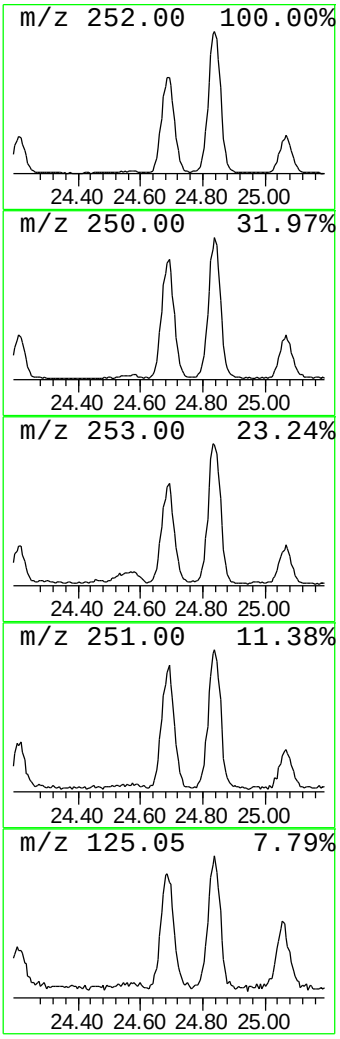
Peak Number 16 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	8.06 ng/ul	607202	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	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





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Sample : K4304-03
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ClientSampleId : CB5N4

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Quant Title : SVOA CALIBRATION

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

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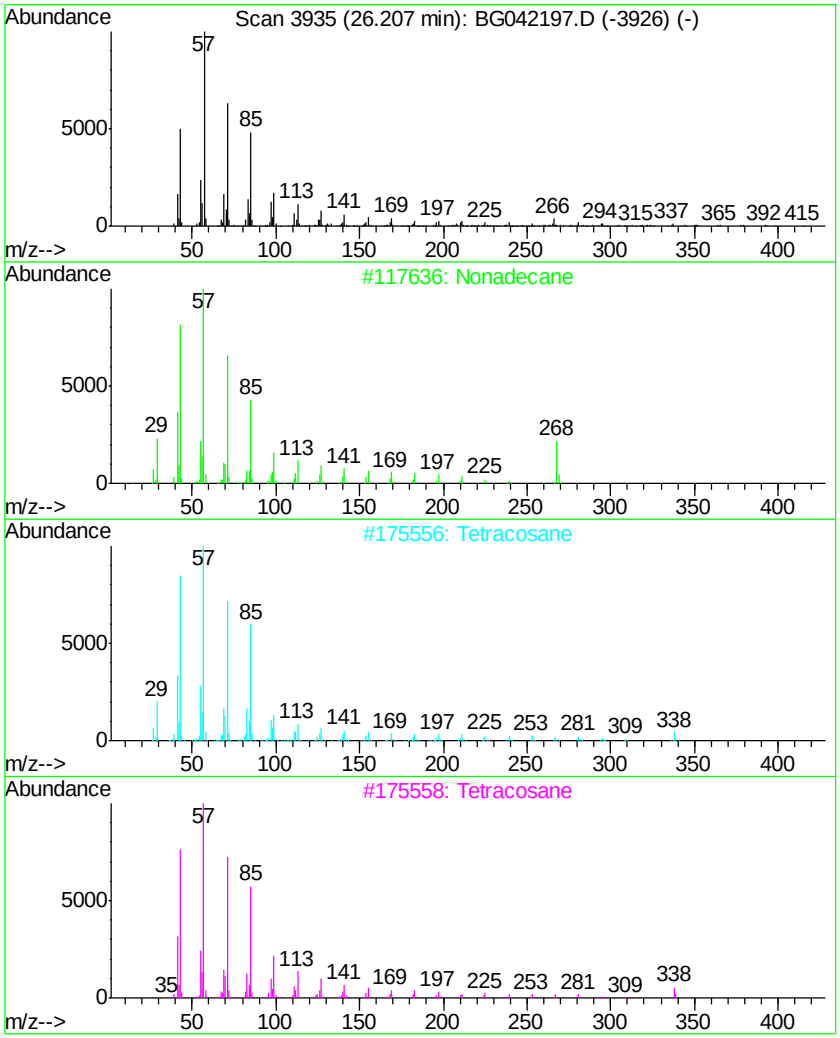
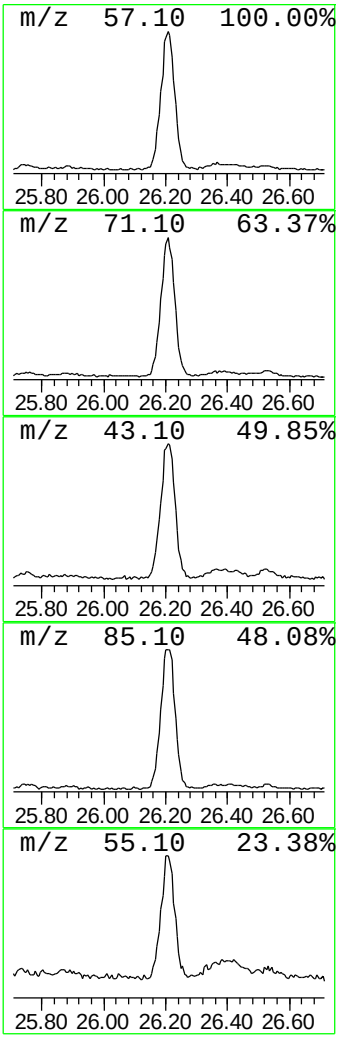
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	12.04 ng/ul	906521	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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

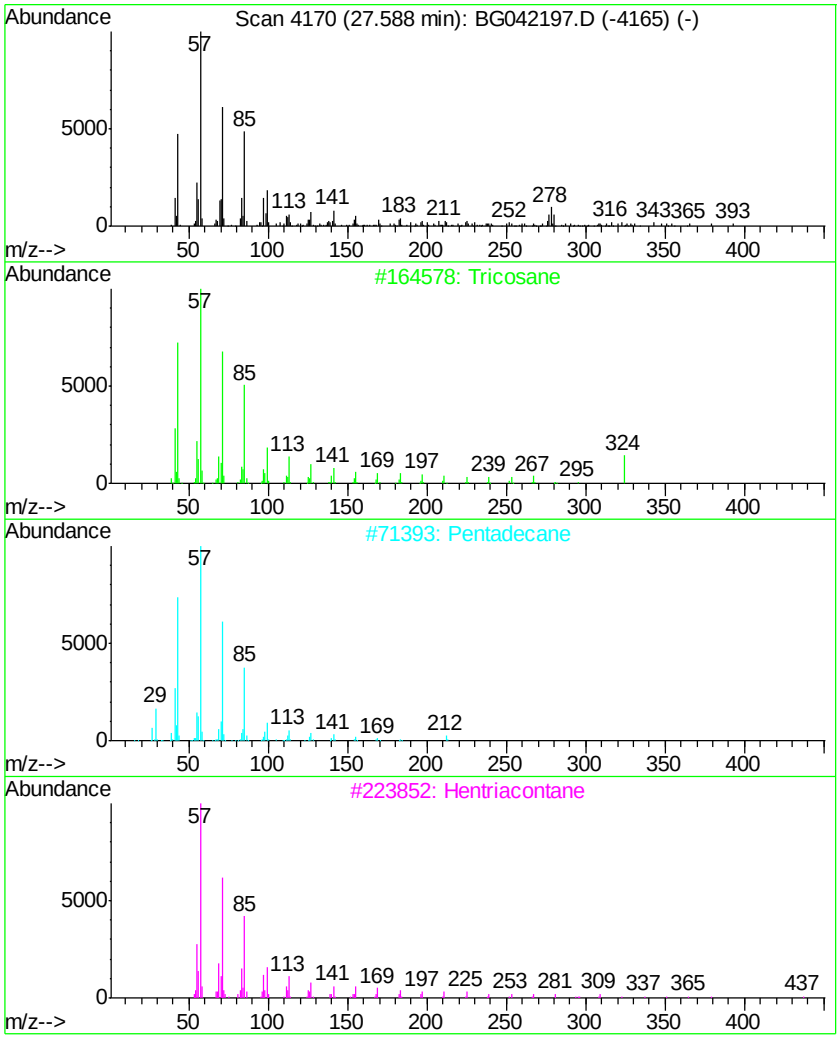
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

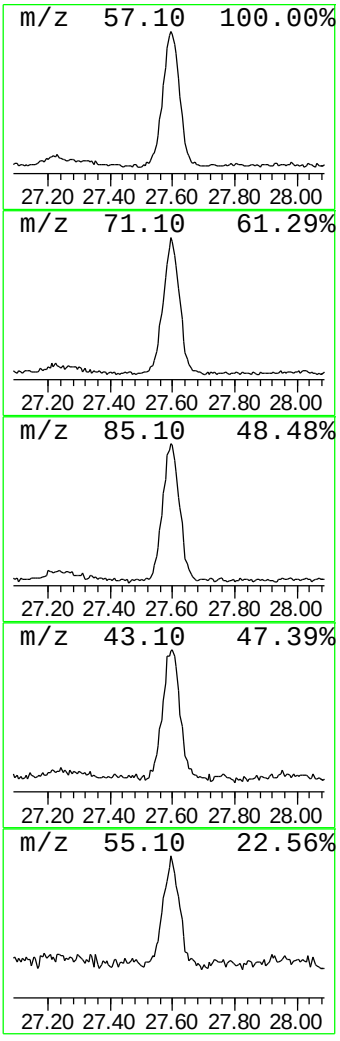
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	6.05 ng/ul	456018	Perylene-d12	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	96
2	Pentadecane	212	C15H32	000629-62-9	94
3	Hentriacontane	437	C31H64	000630-04-6	93
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	90
5	Tricosane	324	C23H48	000638-67-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081319\
Data File : BG042197.D
Acq On : 14 Aug 2019 6:07
Operator : HP/JU
Sample : K4304-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N4

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	128.6	ng/ul	2995380	1	8.02	465987	20.0
1,3,5-Cycloheptat...	4.17	4.8	ng/ul	111633	1	8.02	465987	20.0
Phenanthrene, 2-m...	18.32	3.9	ng/ul	237337	4	17.44	1220360	20.0
Anthracene, 1-met...	18.36	5.6	ng/ul	340176	4	17.44	1220360	20.0
4H-Cyclopenta[def...	18.51	7.0	ng/ul	427461	4	17.44	1220360	20.0
Phenanthrene, 4-m...	18.55	2.4	ng/ul	145055	4	17.44	1220360	20.0
5,16[1',2']:8,13[...	18.81	3.1	ng/ul	190503	4	17.44	1220360	20.0
Phenanthrene, 2,5...	19.23	3.4	ng/ul	205485	4	17.44	1220360	20.0
Cyclopenta(def)ph...	19.37	2.9	ng/ul	174742	4	17.44	1220360	20.0
11H-Benzo[b]fluorene	20.34	3.9	ng/ul	581339	5	21.72	2957310	20.0
unknown-01	21.37	2.7	ng/ul	397150	5	21.72	2957310	20.0
(DEL) Alkane: Str...	21.92	2.3	ng/ul	332165	5	21.72	2957310	20.0
(DEL) Alkane: Str...	22.54	3.2	ng/ul	473828	5	21.72	2957310	20.0
(DEL) Alkane: Str...	23.25	4.1	ng/ul	611606	5	21.72	2957310	20.0
(DEL) Alkane: Str...	24.07	10.7	ng/ul	803235	6	24.99	1506350	20.0
Perylene	24.69	8.1	ng/ul	607202	6	24.99	1506350	20.0
(DEL) Alkane: Str...	26.21	12.0	ng/ul	906521	6	24.99	1506350	20.0
(DEL) Alkane: Str...	27.59	6.0	ng/ul	456018	6	24.99	1506350	20.0