LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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	32	rVB	2007031	3195333	100.00%	7.521%
2	3.405	50	54	63	rVB2	13370	21503	0.67%	0.051%
3	4.075	162	168	177	rBV	16528	27535	0.86%	0.065%
4	4.169	177	184	196	rVB	57814	95940	3.00%	0.226%
5	5.091	336	341	349	rBV	13578	24437	0.76%	0.058%
6	7.183	687	697	709	rBV	289018	583754	18.27%	1.374%
7	7.341	717	724	741	rVB	217022	381399	11.94%	0.898%
8	7.553	753	760	772	rBV	324584	574846	17.99%	1.353%
9	8.023	833	840	848	rBV	245696	420655	13.16%	0.990%
10	8.734	954	961	971	rBV	376411	705556	22.08%	1.661%
11	9.192	1031	1039	1048	rVV	285101	523277	16.38%	1.232%
12	9.357	1061	1067	1075	rBV2	36014	60988	1.91%	0.144%
13	9.633	1107	1114	1120	rBV2	18913	26641	0.83%	0.063%
14	9.921	1156	1163	1178	rBV	249437	473050	14.80%	1.113%
15	10.467	1248	1256	1272	rBV	436202	821900	25.72%	1.935%
16	10.849	1312	1321	1327	rBV	356664	654090	20.47%	1.540%
17	10.902	1327	1330	1334	rVV	38708	59796	1.87%	0.141%
18	10.978	1334	1343	1360	rVB	331771	668196	20.91%	1.573%
19	12.371	1573	1580	1589	rBV	35267	73543	2.30%	0.173%
20	12.512	1597	1604	1612	rVB	26012	42640	1.33%	0.100%
21	12.729	1634	1641	1647	rBV2	18709	32417	1.01%	0.076%
22	13.511	1769	1774	1778	rBV3	14968	25962	0.81%	0.061%
23	13.857	1826	1833	1841	rBV4	11829	32048	1.00%	0.075%
24	14.010	1853	1859	1863	rBV	20148	36964	1.16%	0.087%
25	14.086	1863	1872	1876	rBV	756760	1164112	36.43%	2.740%
26	14.128	1876	1879	1884	rVB	116827	163505	5.12%	0.385%
27	14.380	1909	1922	1935	rBV	965757	1556136	48.70%	3.663%
28	14.686	1962	1974	1980	rBV	603814	964016	30.17%	2.269%
29	14.750	1980	1985	1992	rVB	65731	116809	3.66%	0.275%
30	14.880	2001	2007	2022	rBV	203091	429375	13.44%	1.011%
31	15.085	2036	2042	2050	rVV	56338	100412	3.14%	0.236%
32	15.167	2050	2056	2059	rVV2	10771	18280	0.57%	0.043%
33	15.308	2074	2080	2083	rVV3	10160	18316	0.57%	0.043%
34	15.355	2083	2088	2094	rVB4	12676	22594	0.71%	0.053%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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	15.479	2101	2109	2116	rBV5	16898	43977	1.38%	0.104%
36	15.679	2134	2143	2149	rBV	1205129	1871084	58.56%	4.404%
37	15.732	2149	2152	2157	rVB	72608	103943	3.25%	0.245%
38	15.796	2158	2163	2171	rBV	218800	360526	11.28%	0.849%
39	15.914	2177	2183	2192	rVB6	16590	49142	1.54%	0.116%
40	16.031	2198	2203	2209	rVB	28447	50667	1.59%	0.119%
41	16.178	2220	2228	2235	rBV	23764	56452	1.77%	0.133%
42	16.249	2235	2240	2246	rVB7	11251	23971	0.75%	0.056%
43	16.401	2261	2266	2268	rBV3	25818	39460	1.23%	0.093%
44	16.742	2316	2324	2329	rVV6	20429	51207	1.60%	0.121%
45	16.789	2329	2332	2338	rVB4	12624	20274	0.63%	0.048%
46	16.965	2354	2362	2367	rBV5	18459	43033	1.35%	0.101%
47	17.089	2378	2383	2391	rVV2	40964	82975	2.60%	0.195%
48	17.189	2391	2400	2404	rVV4	30536	82291	2.58%	0.194%
49	17.253	2407	2411	2420	rVB	52681	92143	2.88%	0.217%
50	17.435	2436	2442	2446	rBV2	706290	1123752	35.17%	2.645%
51	17.482	2446	2450	2454	rVB	726677	1024218	32.05%	2.411%
52	17.535	2454	2459	2464	rBV	1161381	1812921	56.74%	4.267%
53	17.623	2471	2474	2479	rVB4	14677	24843	0.78%	0.058%
54	17.841	2506	2511	2522	rVV	75936	147095	4.60%	0.346%
55	17.935	2524	2527	2529	rVV2	16161	22456	0.70%	0.053%
56	17.958	2529	2531	2535	rVB2	19592	20517	0.64%	0.048%
57	18.023	2538	2542	2545	rBV2	17303	24688	0.77%	0.058%
58	18.317	2588	2592	2596	rVV	102929	150304	4.70%	0.354%
59	18.364	2596	2600	2605	rVV	149139	220709	6.91%	0.520%
60	18.446	2609	2614	2618	rBV2	40853	65199	2.04%	0.153%
61	18.511	2619	2625	2629	rVV2	150522	276966	8.67%	0.652%
62	18.546	2629	2631	2637	rVB	70708	90109	2.82%	0.212%
63	18.628	2640	2645	2647	rBV3	27898	40511	1.27%	0.095%
64	18.810	2671	2676	2680	rVV	82586	126352	3.95%	0.297%
65	18.851	2680	2683	2691	rVB2	60221	93418	2.92%	0.220%
66	19.057	2715	2718	2722	rBV3	29987	39096	1.22%	0.092%
67	19.110	2724	2727	2730	rVV	29754	37991	1.19%	0.089%
68	19.145	2730	2733	2738	rVB2	28186	34313	1.07%	0.081%
69	19.227	2743	2747	2754	rBV3	59862	121001	3.79%	0.285%
70	19.368	2766	2771	2778	rBV	62711	115158	3.60%	0.271%
71	19.492	2786	2792	2798	rVB	1249092	1801006	56.36%	4.239%

LSC Area Percent Report

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Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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	19.551	2798	2802	2805	rVB2	25038	33153	1.04%	0.078%
73	19.827	2843	2849	2852	rBV	1718995	2841118	88.91%	6.687%
74	19.850	2852	2853	2861	rVV	1035007	1177206	36.84%	2.771%
75	19.921	2862	2865	2870	rVB2	55261	91519	2.86%	0.215%
76	20.032	2880	2884	2890	rVB	57907	88762	2.78%	0.209%
77	20.173	2903	2908	2909	rBV2	80419	123889	3.88%	0.292%
78	20.308	2927	2931	2932	rBV2	52219	65622	2.05%	0.154%
79	20.344	2933	2937	2943	rVB2	190194	314255	9.83%	0.740%
80	20.444	2950	2954	2958	rVB	100142	128039	4.01%	0.301%
81	20.502	2959	2964	2968	rBV2	93648	156204	4.89%	0.368%
82	20.643	2985	2988	2992	rBV	55057	66678	2.09%	0.157%
83	20.690	2993	2996	3000	rVB	53801	69458	2.17%	0.163%
84	21.108	3064	3067	3074	rVB	103355	171026	5.35%	0.403%
85	21.337	3103	3106	3108	rBV	68571	94807	2.97%	0.223%
86	21.372	3108	3112	3120	rVV2	152535	408407	12.78%	0.961%
87	21.442	3121	3124	3134	rVB2	119631	235551	7.37%	0.554%
88	21.719	3162	3171	3176	rBV2	945172	2454528	76.82%	5.777%
89	21.766	3176	3179	3192	rVB	483493	882508	27.62%	2.077%
90	21.924	3202	3206	3212	rVB	118047	183342	5.74%	0.432%
91	22.541	3307	3311	3315	rBV2	120167	171764	5.38%	0.404%
92	23.252	3428	3432	3440	rVB	135711	236550	7.40%	0.557%
93	23.951	3544	3551	3559	rBV	388416	1239300	38.78%	2.917%
94	24.075	3568	3572	3580	rVB	210208	414508	12.97%	0.976%
95	24.692	3670	3677	3682	rBV	186144	494443	15.47%	1.164%
96	24.774	3683	3691	3698	rVV	785729	2322781	72.69%	5.467%
97	24.838	3698	3702	3715	rVB	333409	845744	26.47%	1.991%
98	24.997	3720	3729	3735	rBV2	466094	1375039	43.03%	3.237%
99	26.213	3928	3936	3948	rVB2	248775	753248	23.57%	1.773%
100	27.600	4165	4172	4184	rVB2	166320	545054	17.06%	1.283%

Sum of corrected areas: 42484296

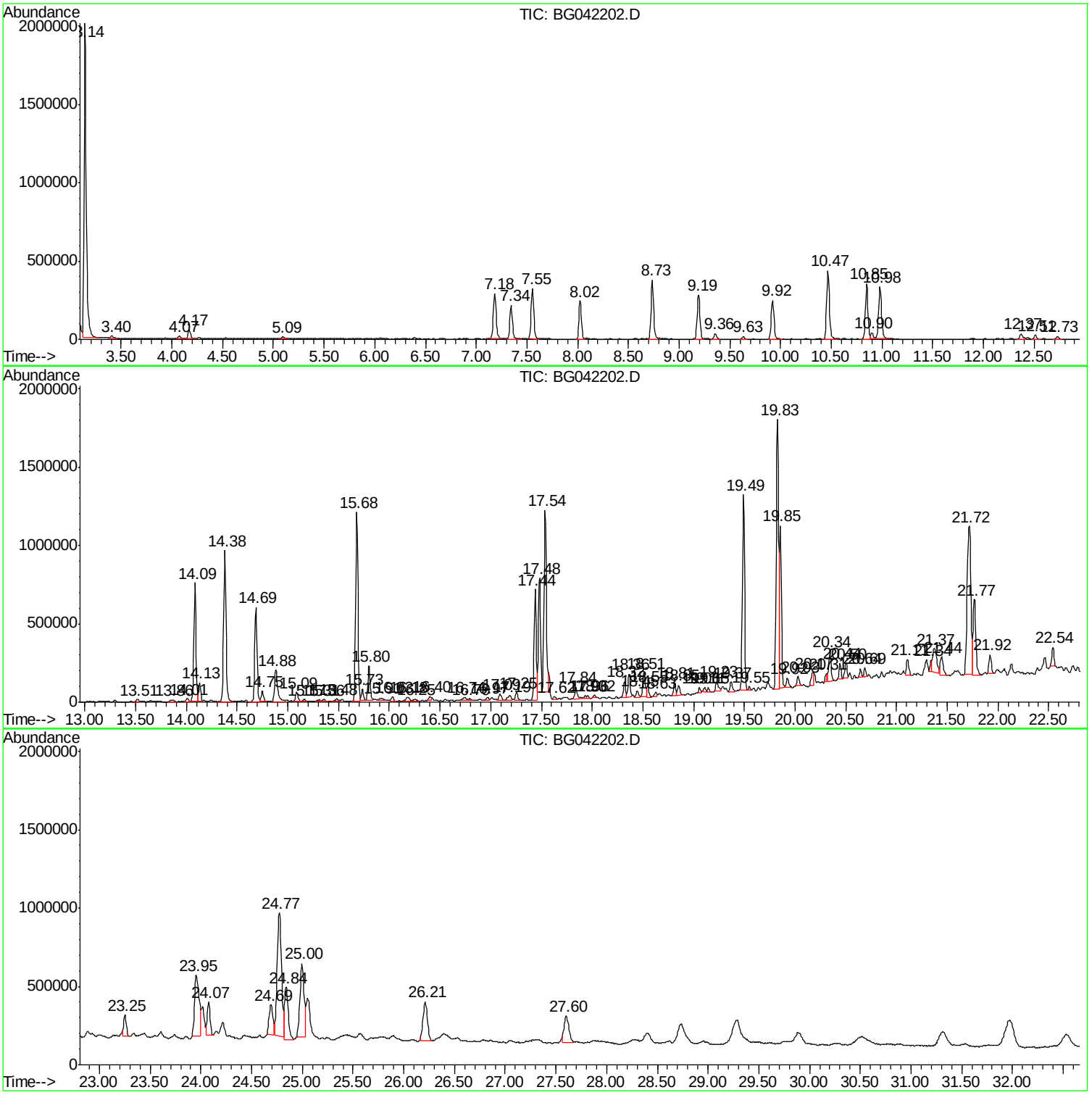
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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 : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

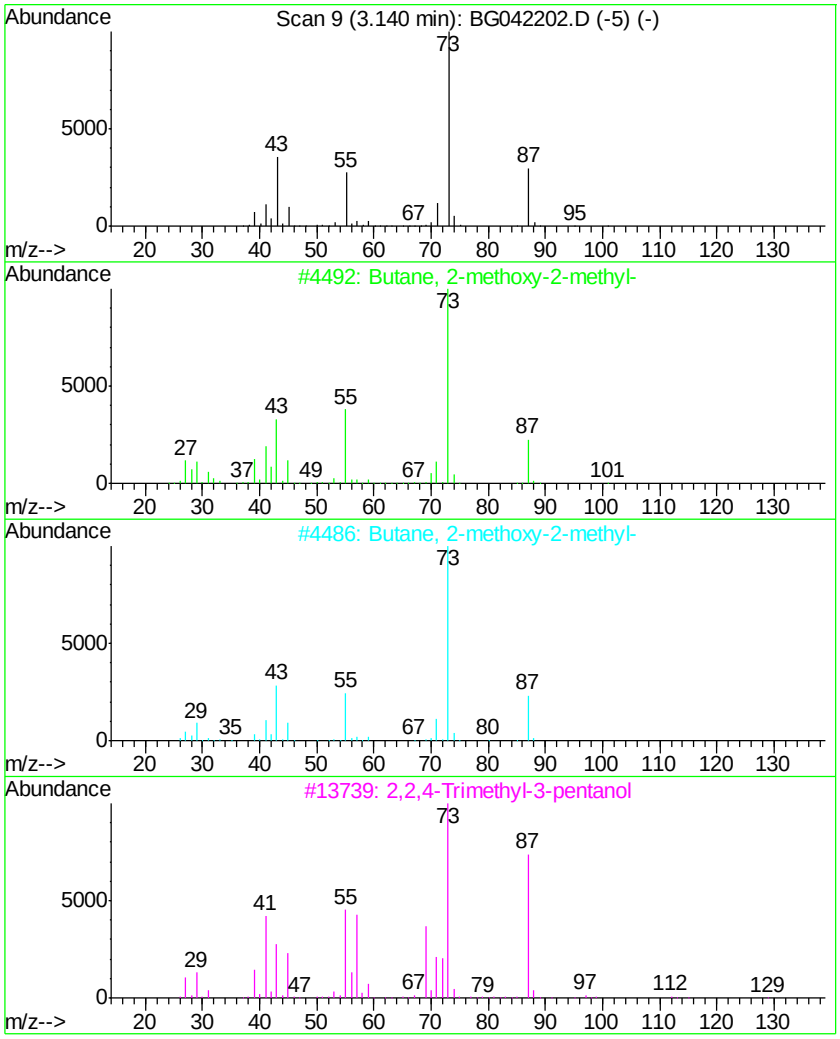
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

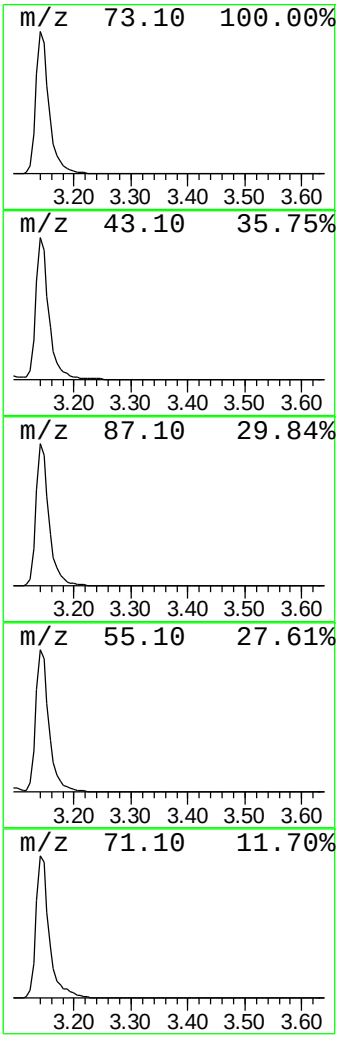
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	151.92 ng/ul	3195330	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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

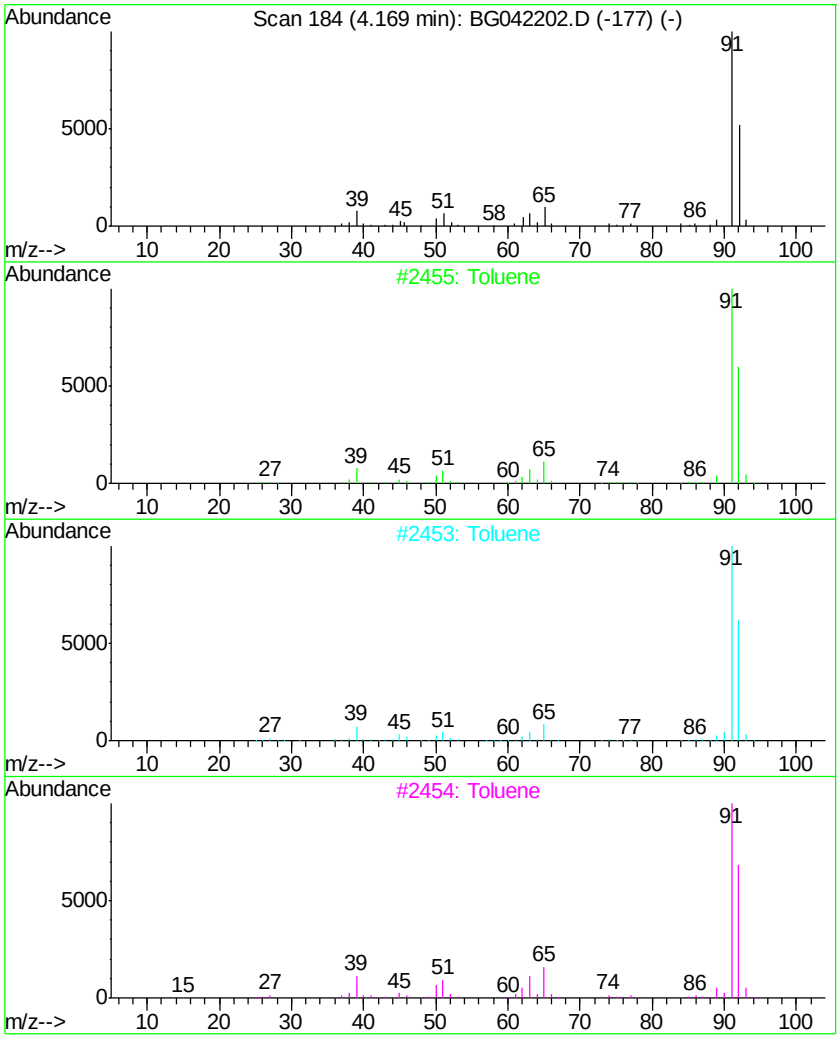
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

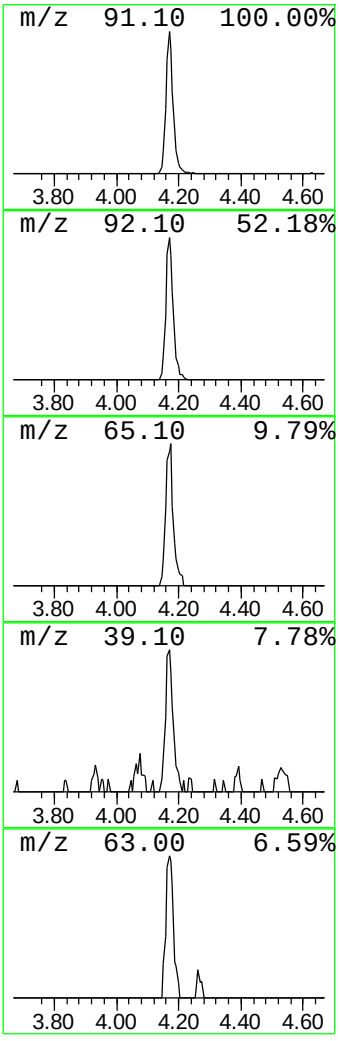
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	4.56 ng/ul	95940	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	87
3	Toluene	92	C7H8	000108-88-3	87
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
5	Toluene	92	C7H8	000108-88-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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

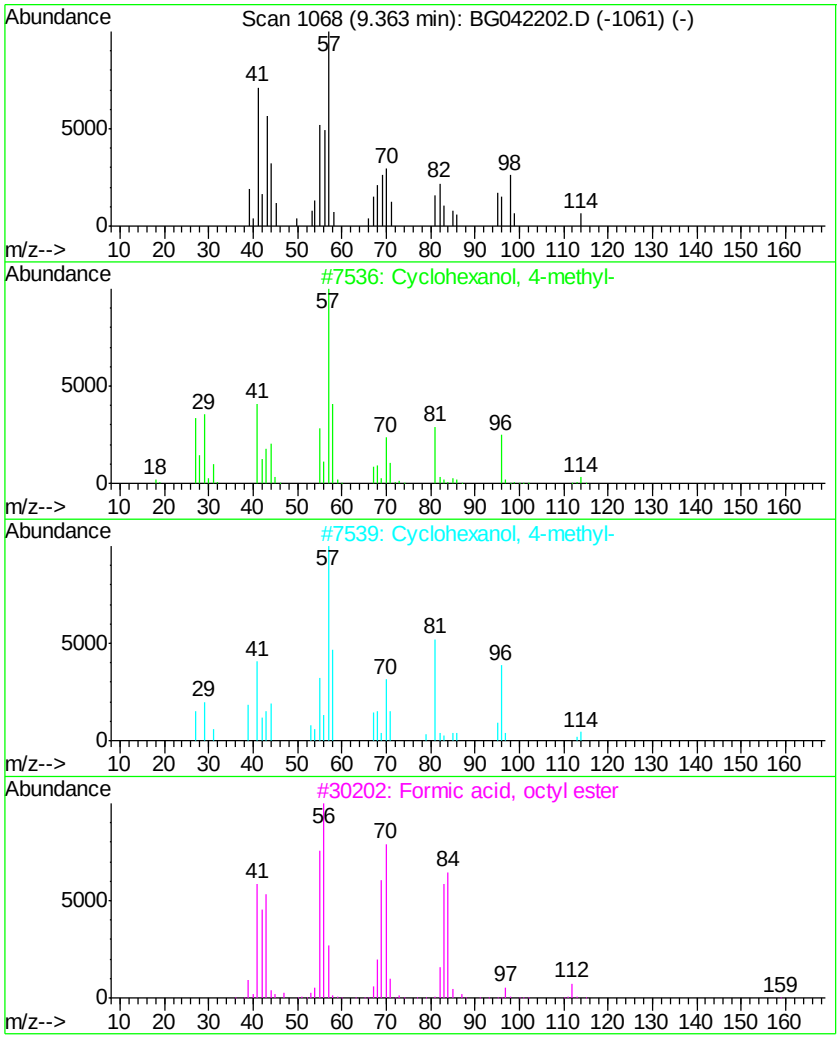
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

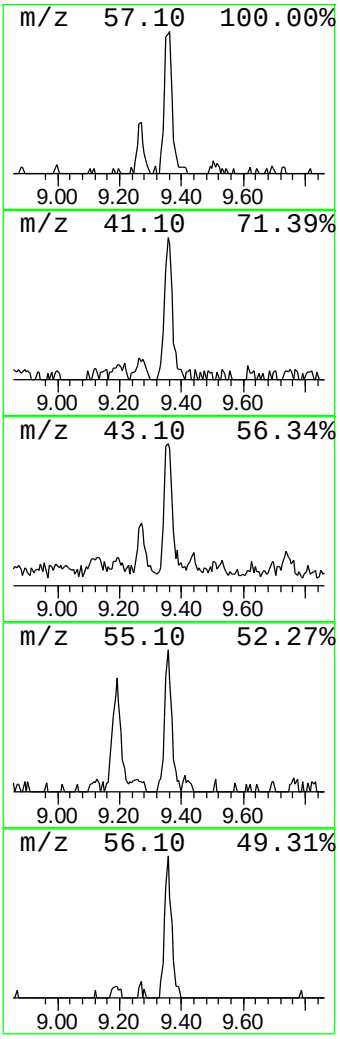
****

Peak Number 3 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.90 ng/ul	60988	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	47
2	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	38
3	Formic acid, octyl ester	158	C9H18O2	000112-32-3	27
4	Oxirane, octyl-	156	C10H20O	002404-44-6	27
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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

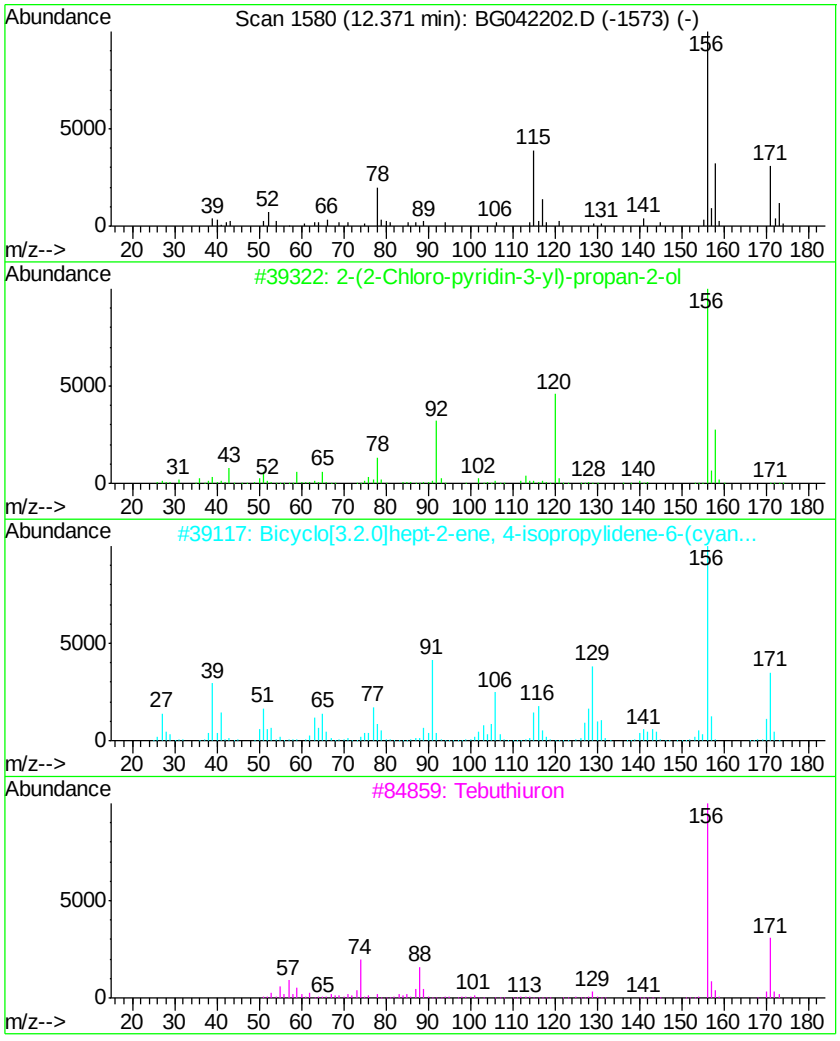
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

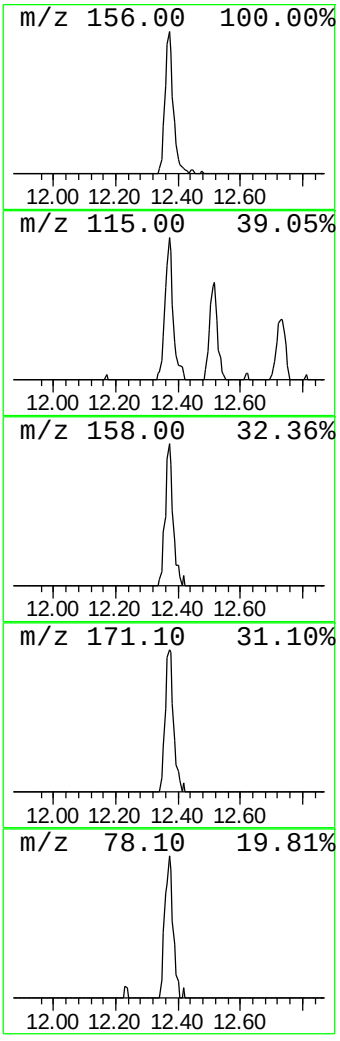
****

Peak Number 4 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.25 ng/ul	73543	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	47
2	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
3	Tebuthiuron	228	C9H16N4OS	034014-18-1	25
4	Tebuthiuron	228	C9H16N4OS	034014-18-1	25
5	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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

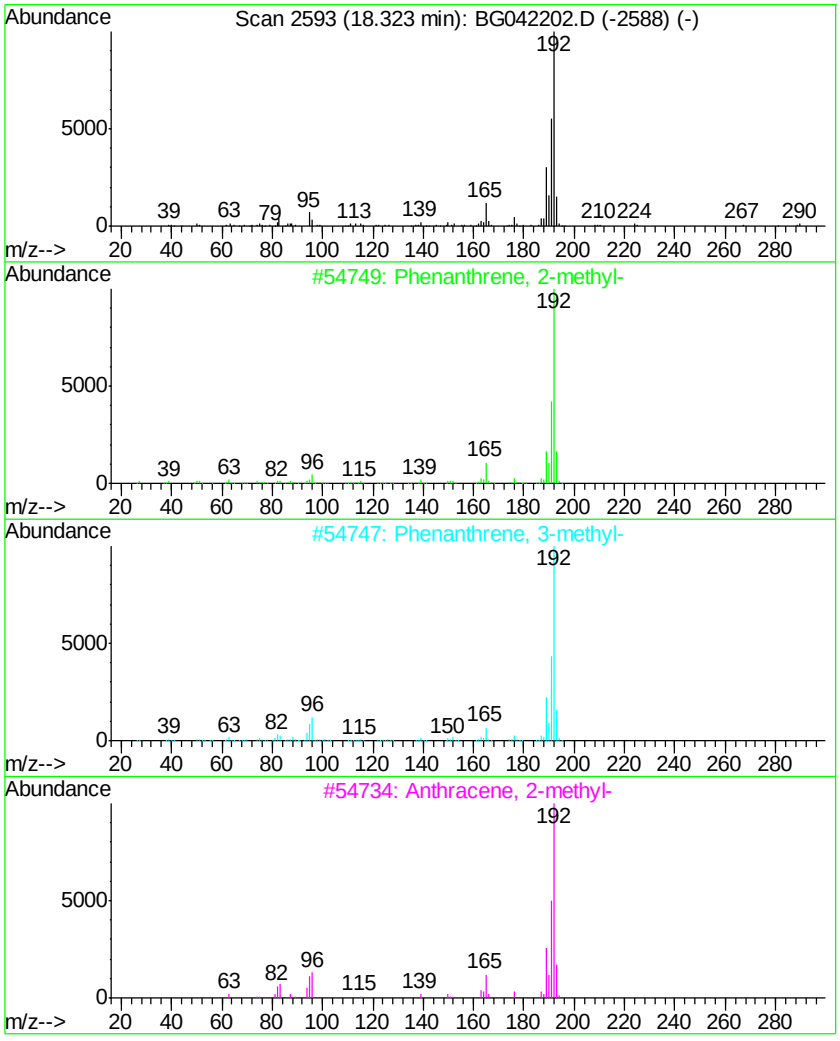
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

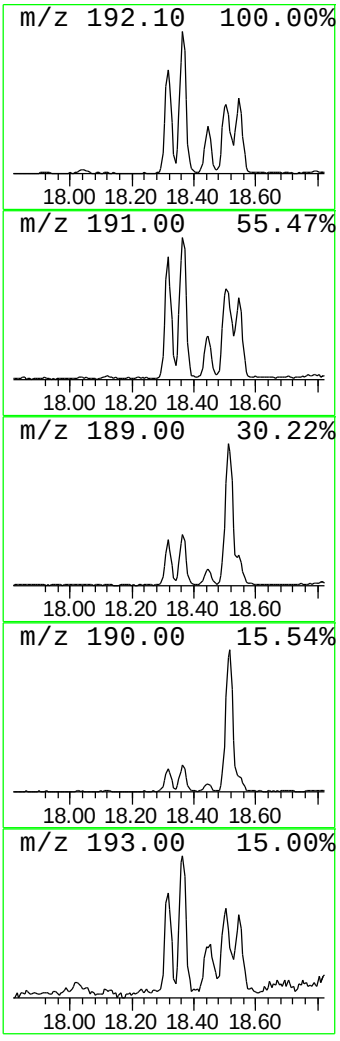
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.68 ng/ul	150304	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, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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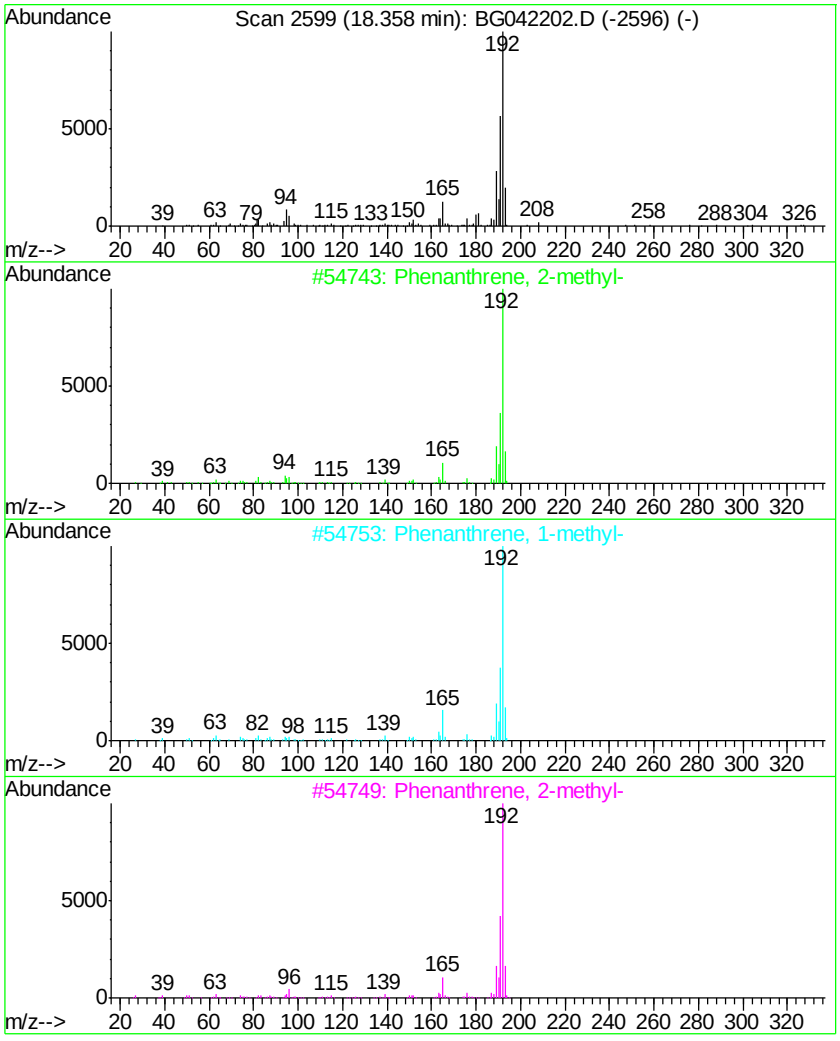
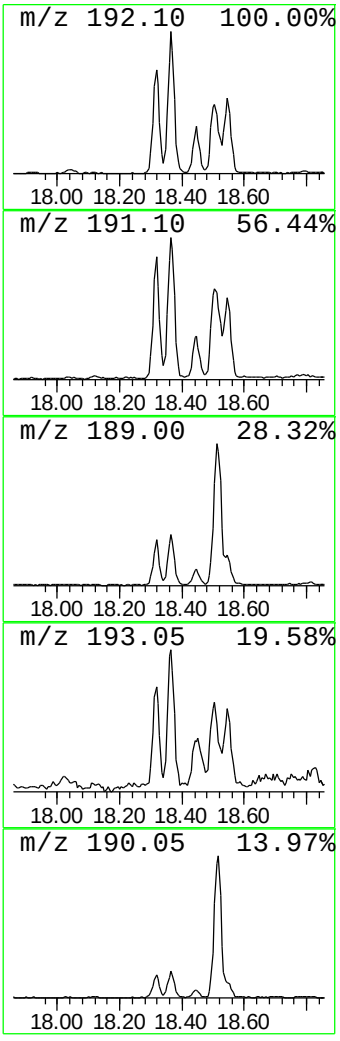
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.93 ng/ul	220709	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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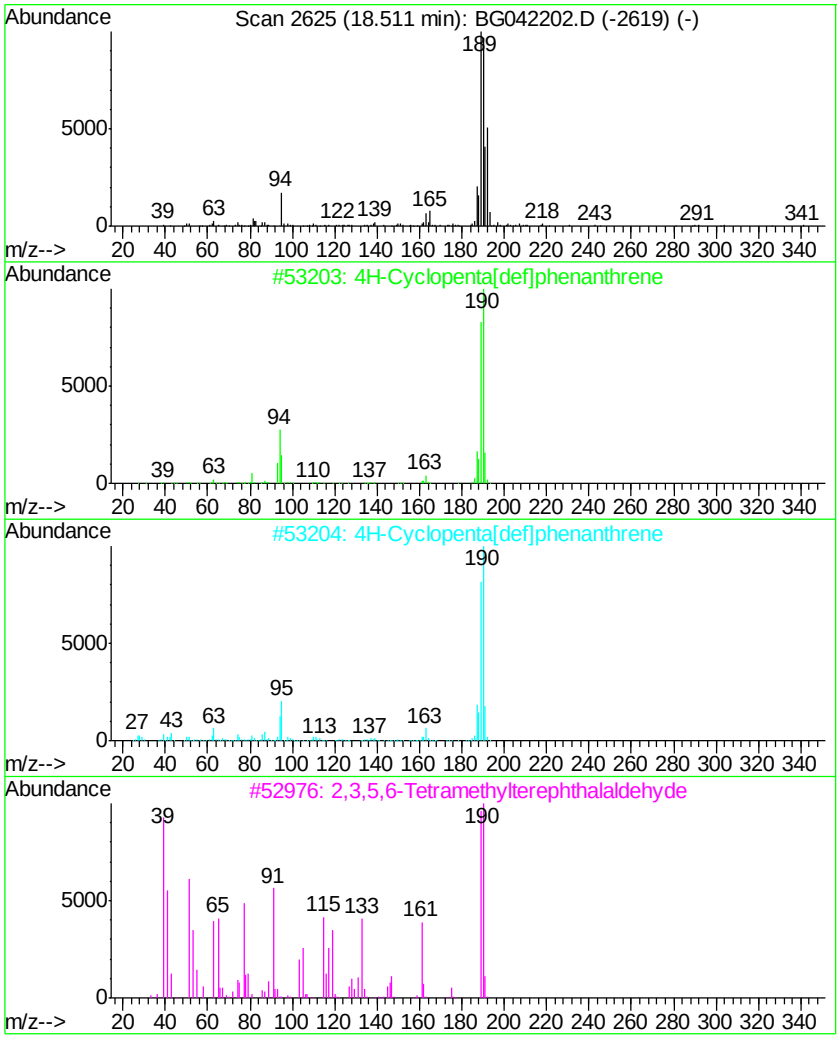
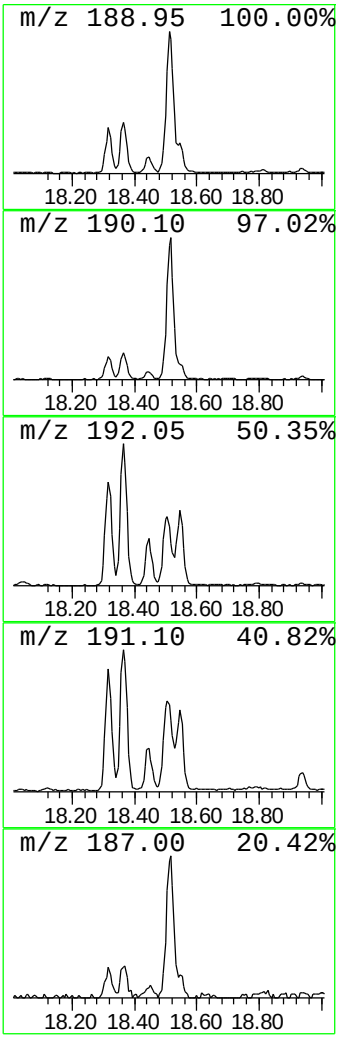
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	4.93 ng/ul	276966	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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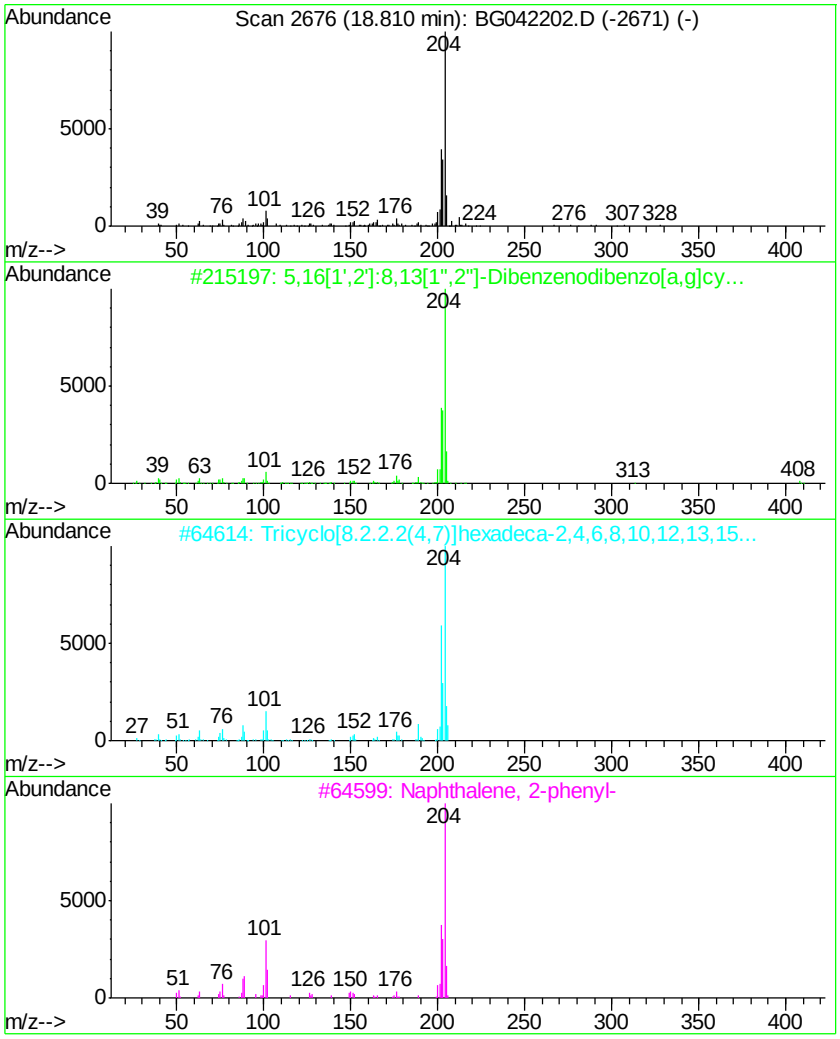
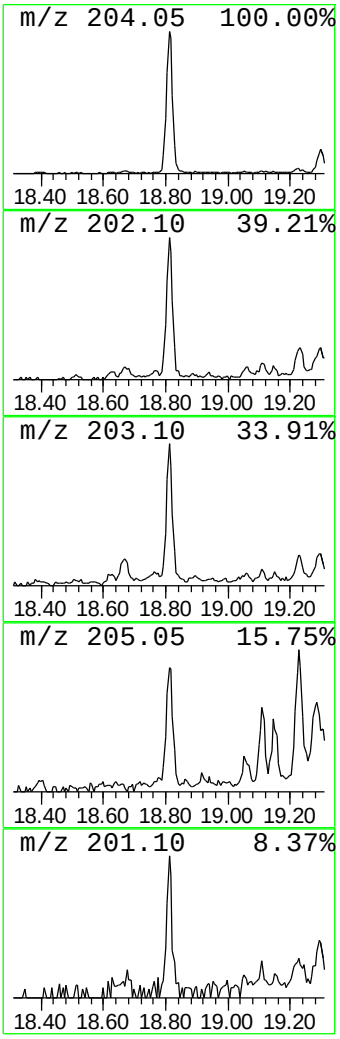
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.25 ng/ul	126352	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Sample : K4304-08
Misc :
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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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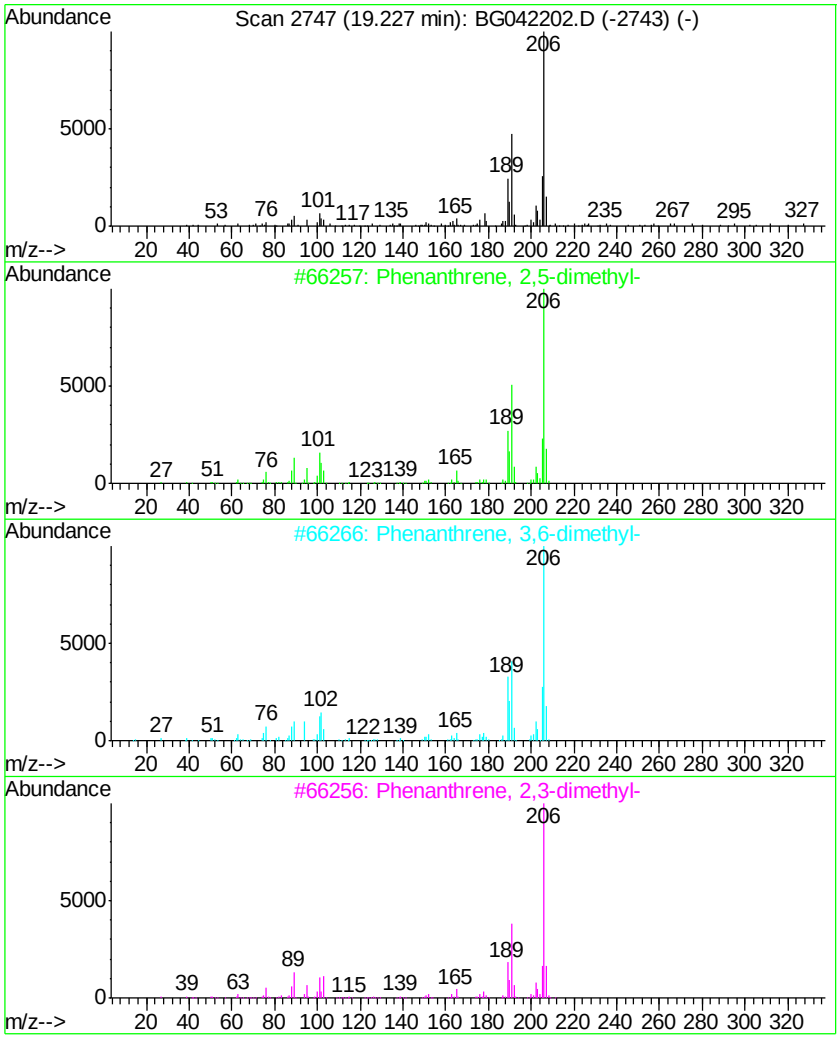
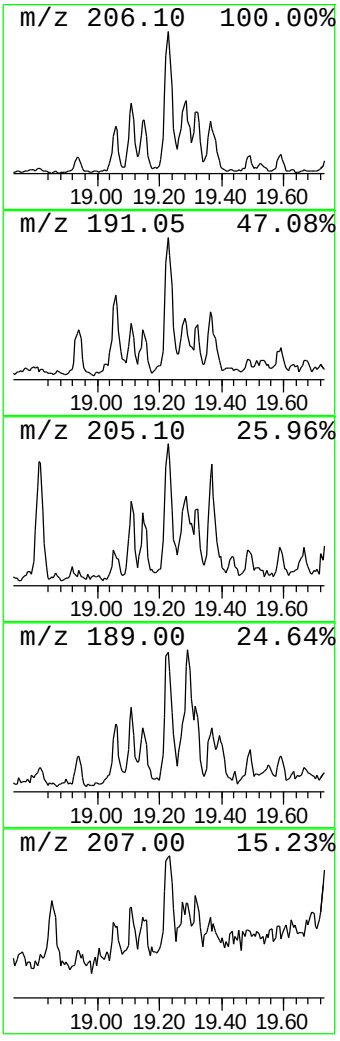
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.15 ng/ul	121001	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, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Acq On : 14 Aug 2019 9:20
Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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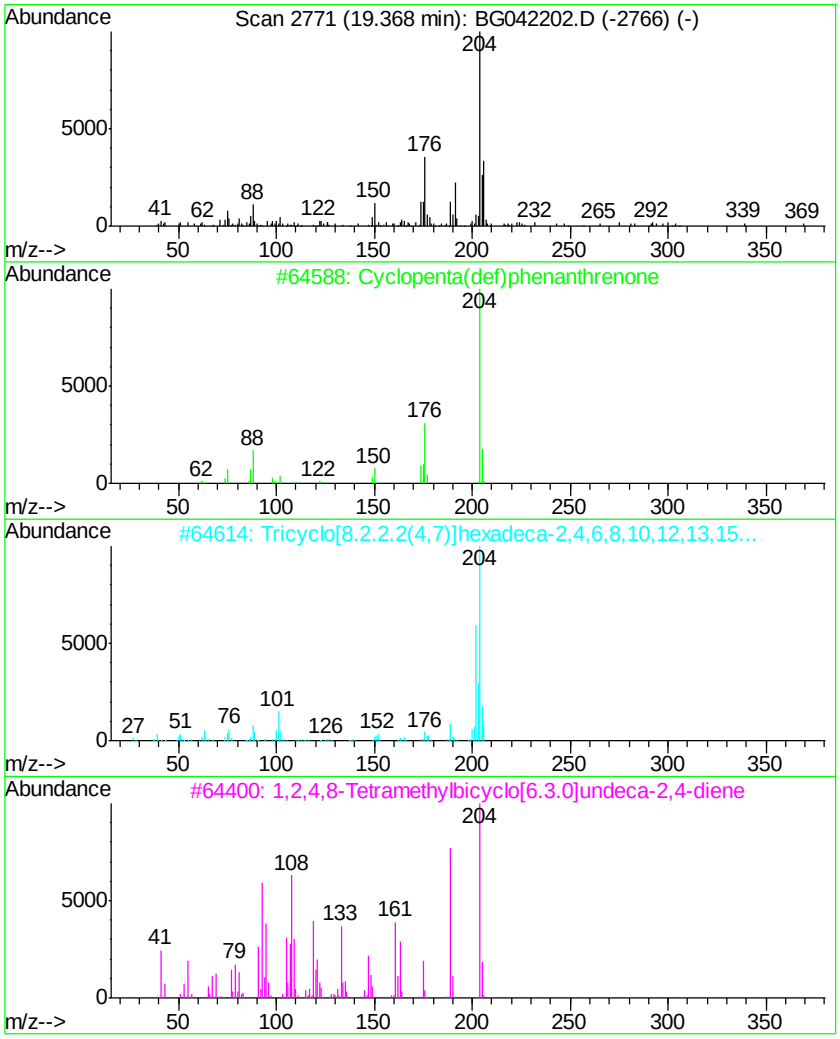
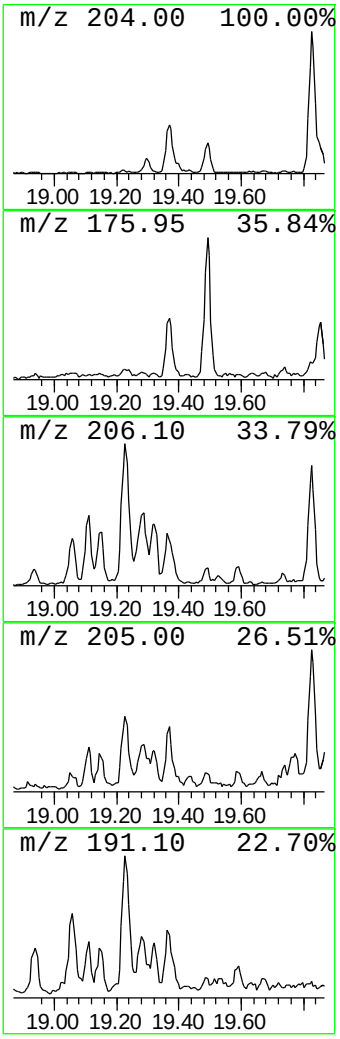
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.05 ng/ul	115158	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





Library Search Compound Report

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Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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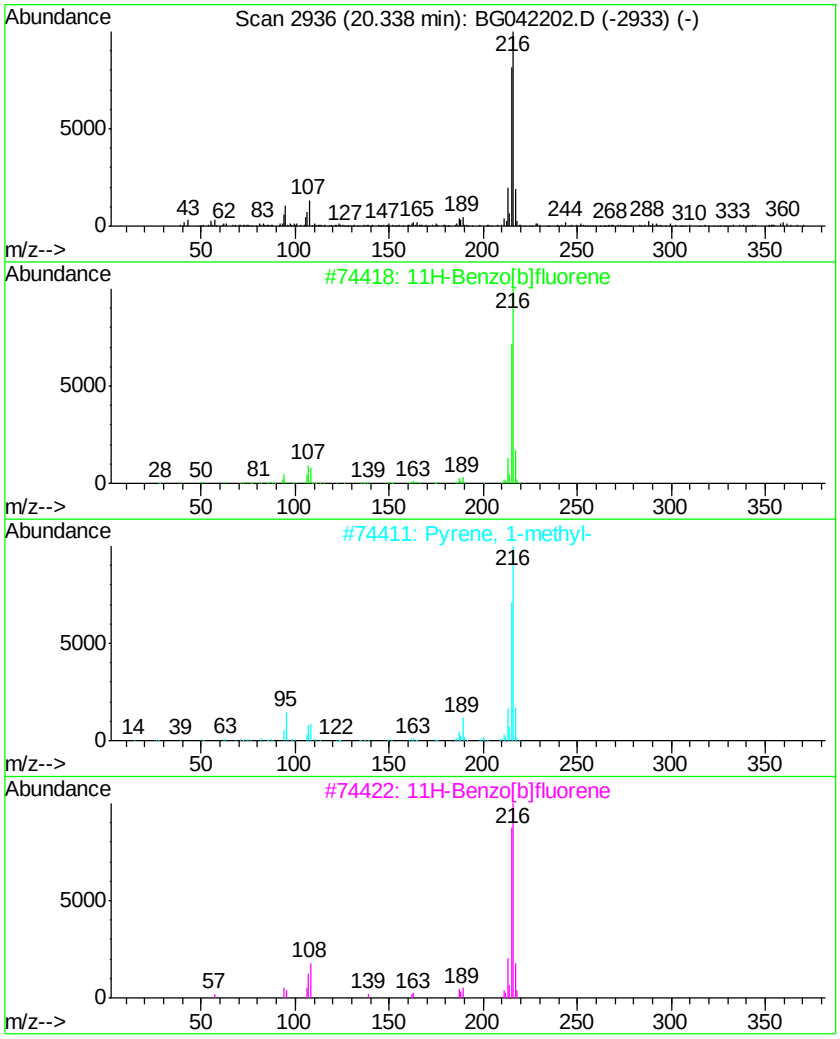
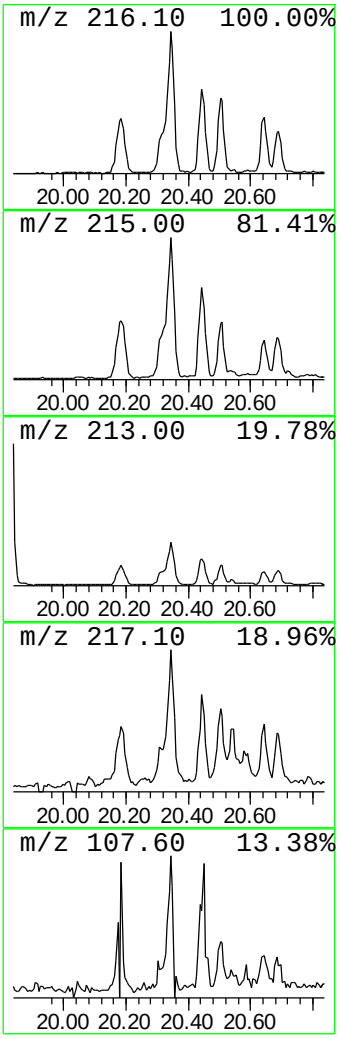
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.56 ng/ul	314255	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Library Search Compound Report

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Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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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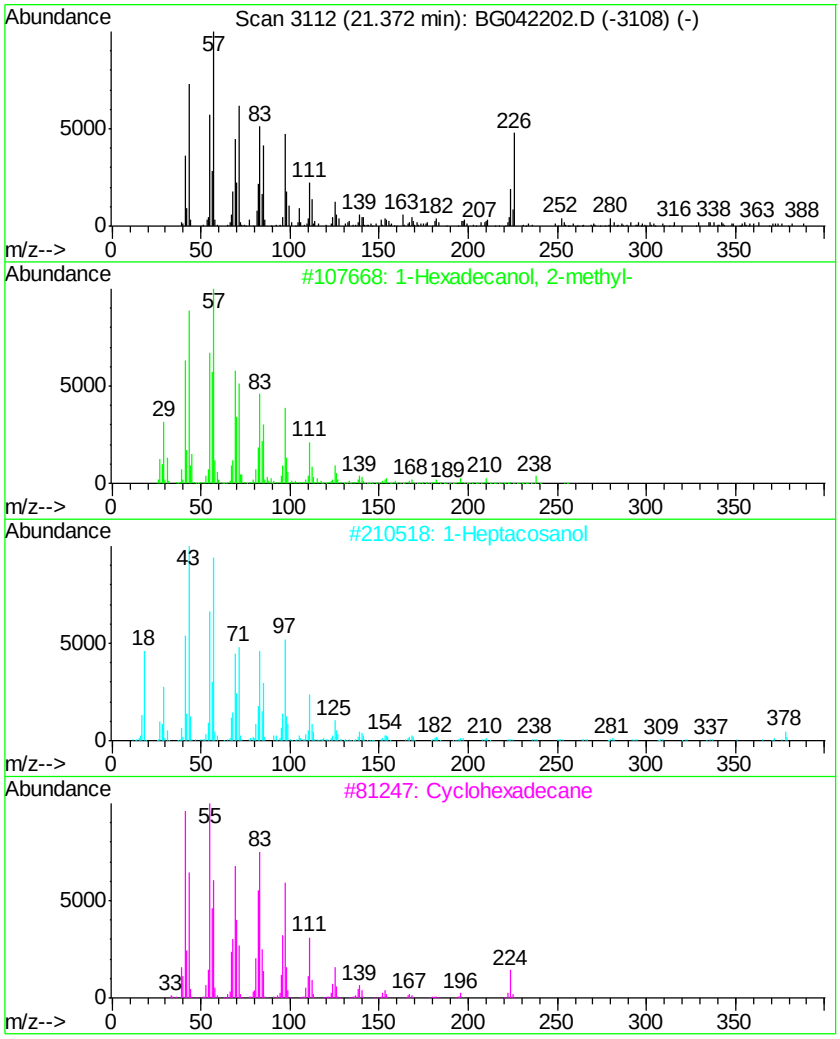
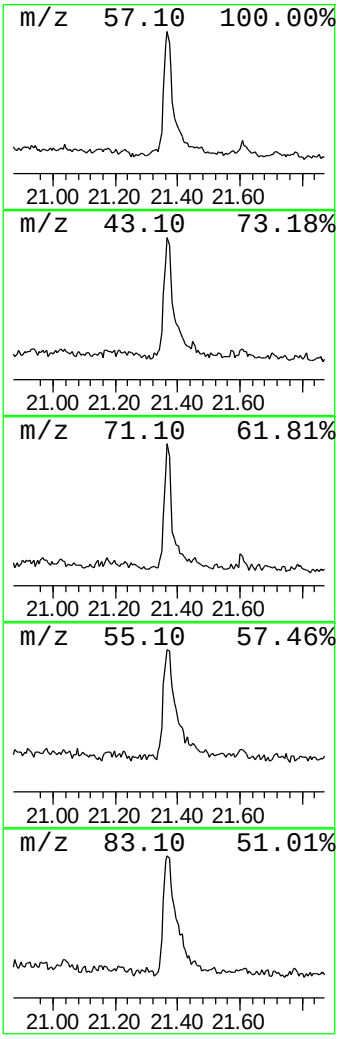
Peak Number 12 1-Hexadecanol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.33 ng/ul	408407	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	70
2	1-Heptacosanol	396	C27H56O	002004-39-9	64
3	Cyclohexadecane	224	C16H32	000295-65-8	64
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	64
5	1-Eicosene	280	C20H40	003452-07-1	62





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Misc :
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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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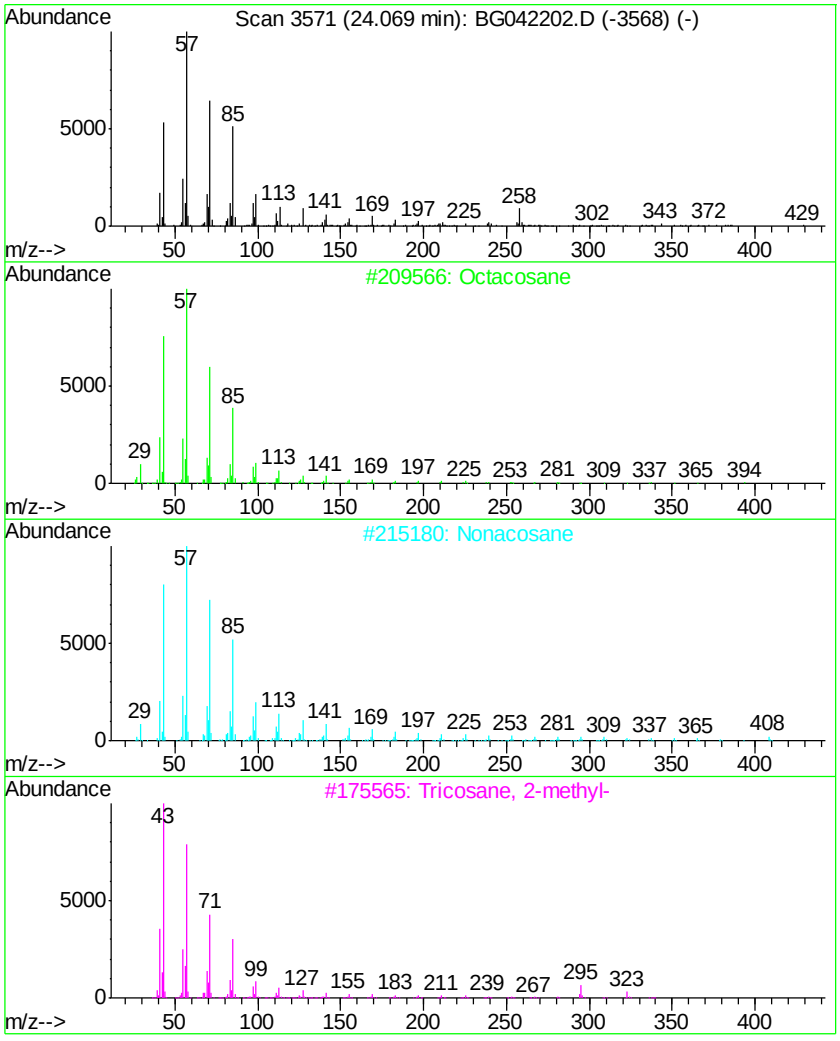
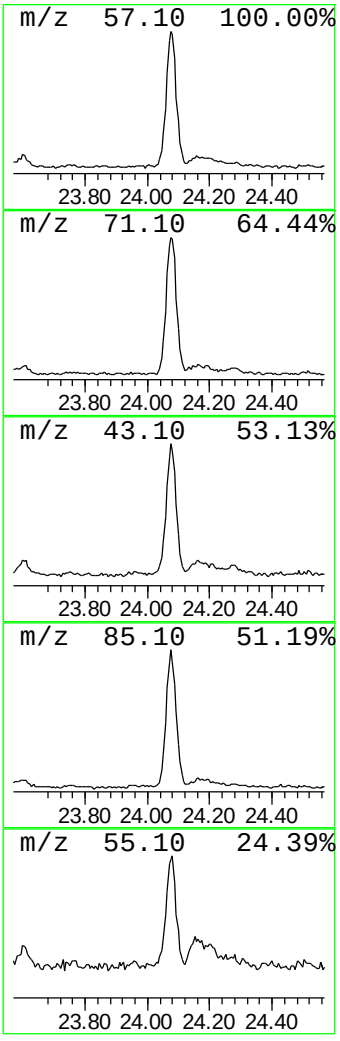
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	6.03 ng/ul	414508	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	96
2	Nonacosane	408	C29H60	000630-03-5	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4	Tricosane	324	C23H48	000638-67-5	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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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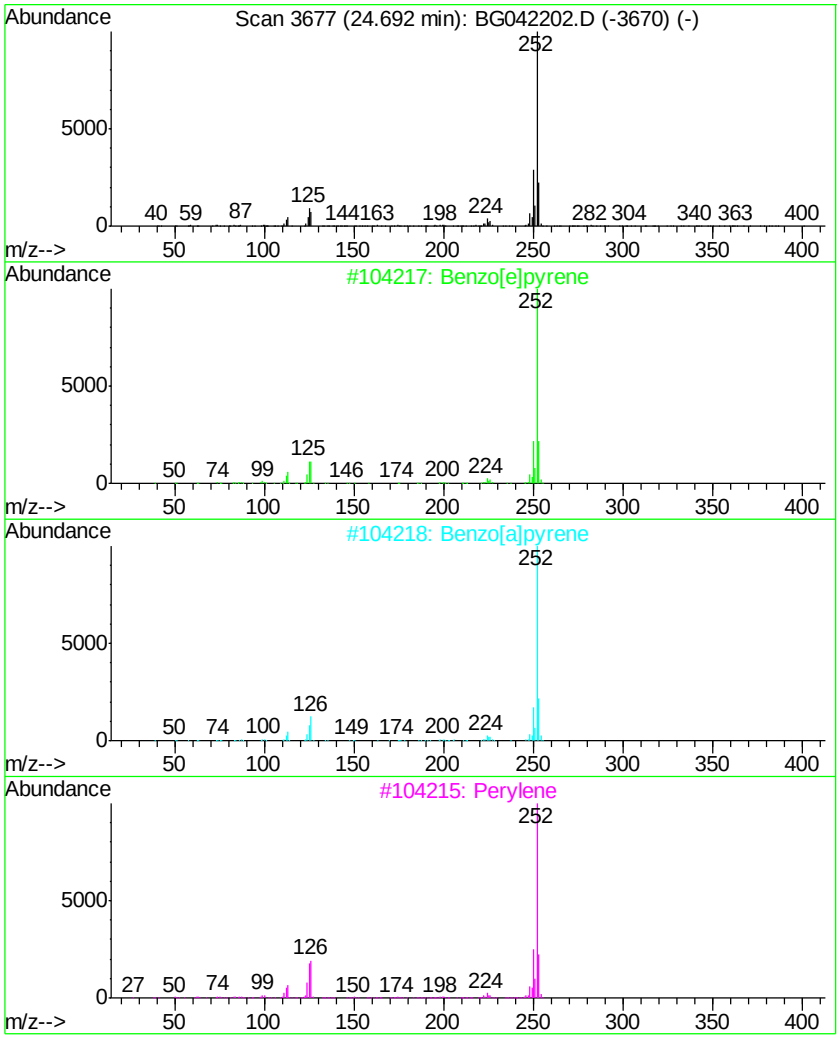
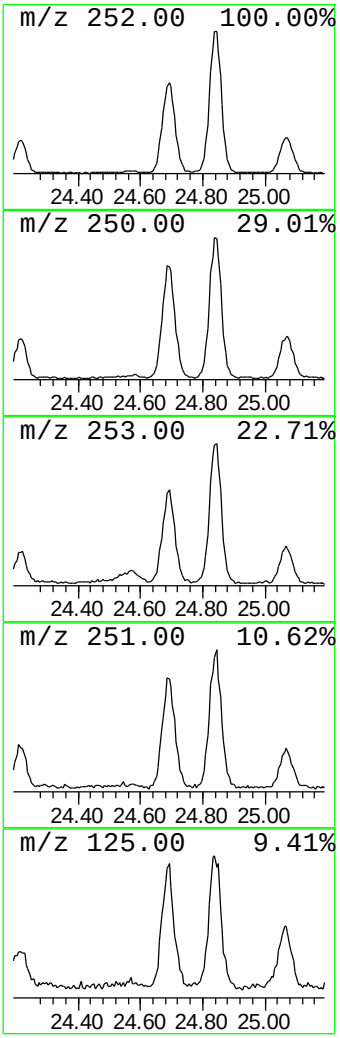
Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	7.19 ng/ul	494443	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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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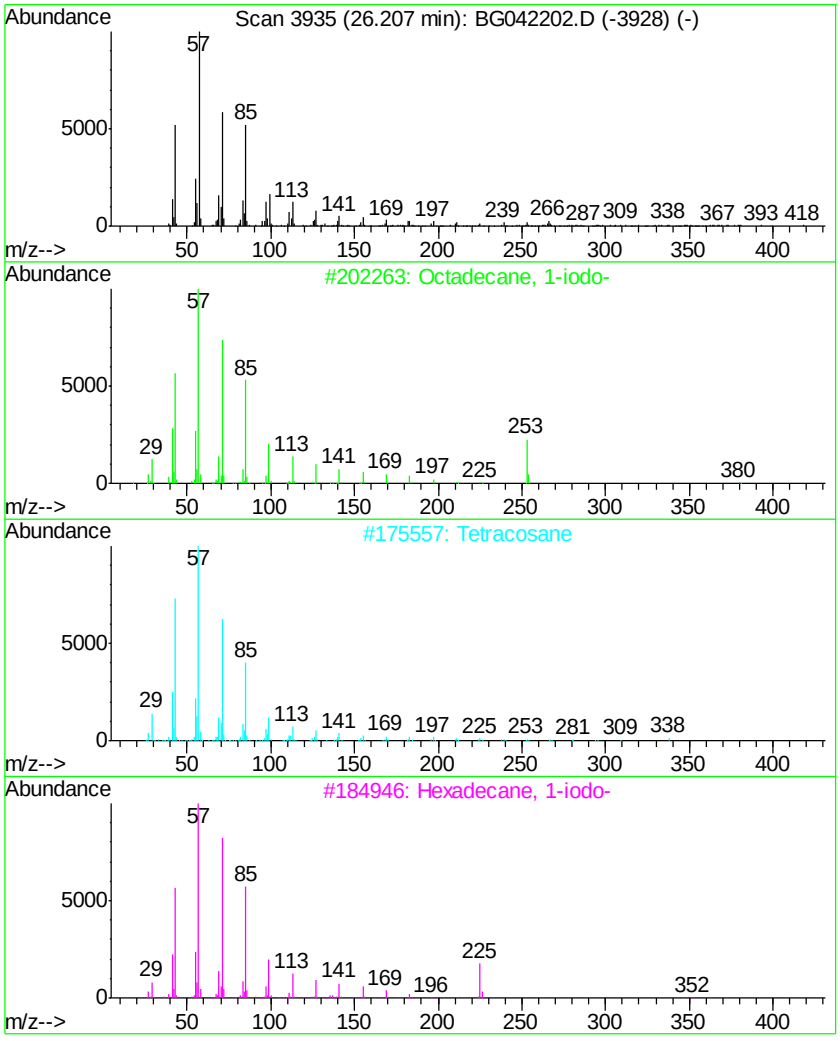
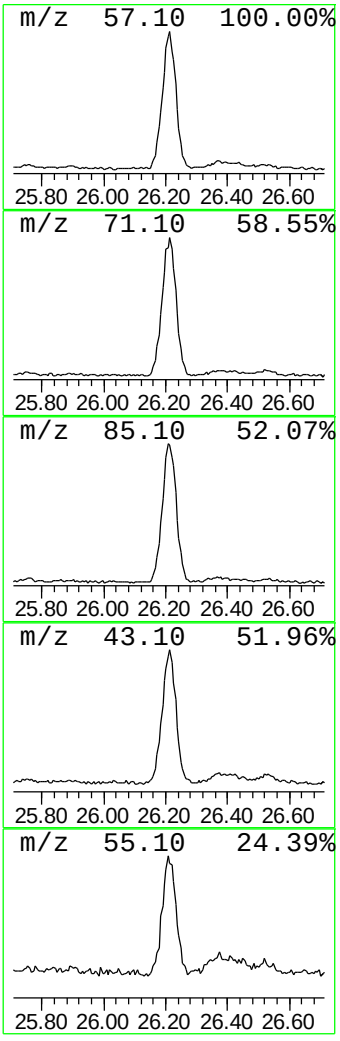
Peak Number 15 Octadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	10.96 ng/ul	753248	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	98
2	Tetracosane	338	C24H50	000646-31-1	97
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
4	Nonadecane	268	C19H40	000629-92-5	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





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Instrument : BNA_G
ClientSampleId : CB5N9

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Quant Title : SVOA CALIBRATION

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

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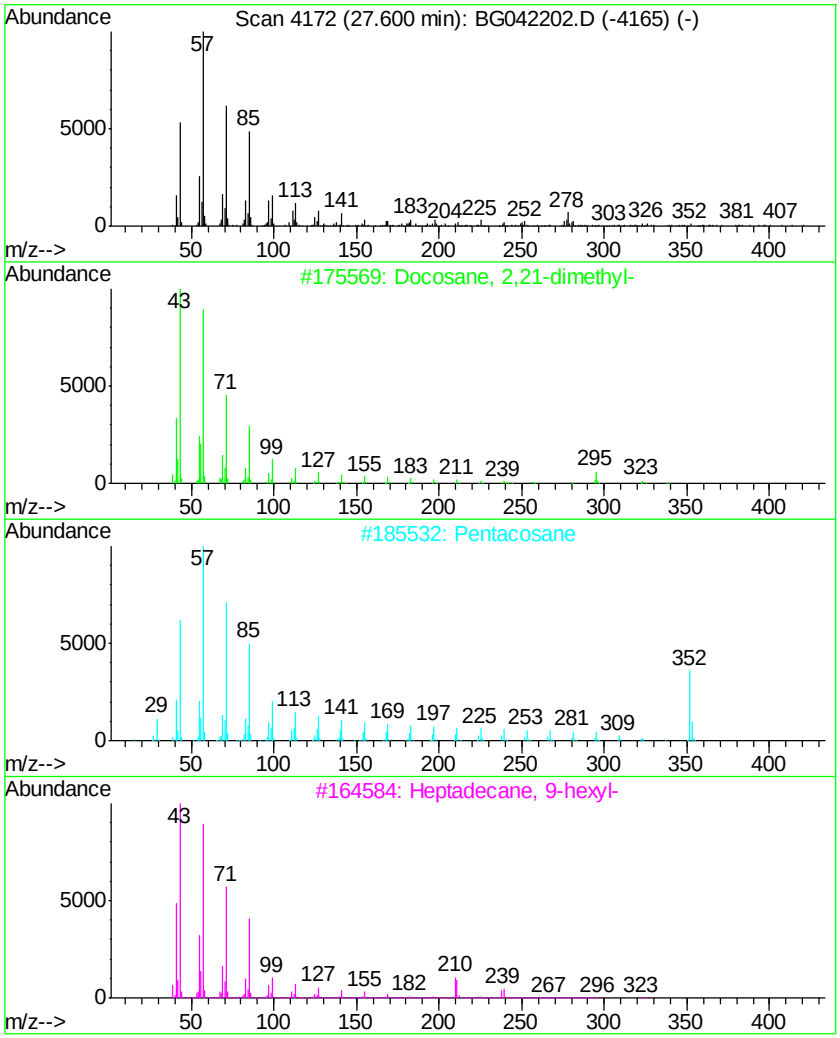
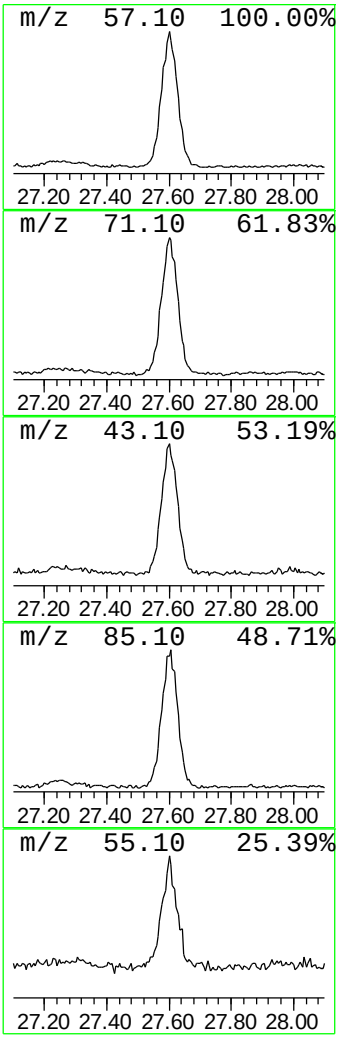
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.60	7.93 ng/ul	545054	Perylene-d12	25.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	93
2	Pentacosane	352	C25H52	000629-99-2	93
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91





Tentatively Identified Compound (LSC) summary

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Data File : BG042202.D
Acq On : 14 Aug 2019 9:20
Operator : HP/JU
Sample : K4304-08
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB5N9

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	151.9	ng/ul	3195330	1	8.02	420655	20.0
1,3,5-Cycloheptat...	4.17	4.6	ng/ul	95940	1	8.02	420655	20.0
unknown-01	9.36	2.9	ng/ul	60988	1	8.02	420655	20.0
unknown-02	12.37	2.3	ng/ul	73543	2	10.85	654090	20.0
Phenanthrene, 2-m...	18.32	2.7	ng/ul	150304	4	17.44	1123750	20.0
Phenanthrene, 1-m...	18.36	3.9	ng/ul	220709	4	17.44	1123750	20.0
4H-Cyclopenta[def...	18.51	4.9	ng/ul	276966	4	17.44	1123750	20.0
5,16[1',2']:8,13[...	18.81	2.3	ng/ul	126352	4	17.44	1123750	20.0
Phenanthrene, 2,5...	19.23	2.1	ng/ul	121001	4	17.44	1123750	20.0
Cyclopenta(def)ph...	19.37	2.0	ng/ul	115158	4	17.44	1123750	20.0
11H-Benzo[b]fluorene	20.34	2.6	ng/ul	314255	5	21.72	2454530	20.0
1-Hexadecanol, 2-...	21.37	3.3	ng/ul	408407	5	21.72	2454530	20.0
(DEL) Alkane: Str...	24.07	6.0	ng/ul	414508	6	25.00	1375040	20.0
Benzo[e]pyrene	24.69	7.2	ng/ul	494443	6	25.00	1375040	20.0
Octadecane, 1-iodo-	26.21	11.0	ng/ul	753248	6	25.00	1375040	20.0
(DEL) Alkane: Str...	27.60	7.9	ng/ul	545054	6	25.00	1375040	20.0