LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

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-BG081320PAH.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	3.167	8	13	40	rVB	1676749	3501026	95.10%	5.822%
2	7.115	678	685	693	rVV	230875	412892	11.22%	0.687%
3	7.280	703	713	721	rBV	191561	321389	8.73%	0.534%
4	7.485	741	748	759	rBV	242511	410673	11.15%	0.683%
5	7.950	819	827	836	rBV	366820	626528	17.02%	1.042%
6	8.655	940	947	956	rVV	288603	506705	13.76%	0.843%
7	9.101	1012	1023	1034	rBV	215504	389548	10.58%	0.648%
8	9.824	1140	1146	1155	rBV	181539	324037	8.80%	0.539%
9	10.364	1230	1238	1249	rBV	298277	537237	14.59%	0.893%
10	10.746	1293	1303	1309	rBV	519729	907360	24.65%	1.509%
11	10.799	1309	1312	1317	rVB	37408	56461	1.53%	0.094%
12	10.876	1317	1325	1339	rBV	208101	398400	10.82%	0.662%
13	12.403	1577	1585	1591	rBV	37025	58672	1.59%	0.098%
14	12.621	1617	1622	1629	rVB	25967	44545	1.21%	0.074%
15	13.896	1830	1839	1844	rBV3	35097	66979	1.82%	0.111%
16	13.978	1844	1853	1858	rVV	573575	854217	23.20%	1.420%
17	14.025	1858	1861	1867	rVV	84599	120762	3.28%	0.201%
18	14.266	1895	1902	1914	rBV	628283	1060558	28.81%	1.764%
19	14.577	1945	1955	1961	rBV	794501	1263236	34.31%	2.101%
20	14.636	1961	1965	1972	rVB	60594	93553	2.54%	0.156%
21	14.765	1981	1987	2000	rBV	142041	298496	8.11%	0.496%
22	14.971	2017	2022	2030	rVB3	78428	137043	3.72%	0.228%
23	15.200	2053	2061	2065	rBV3	24639	48866	1.33%	0.081%
24	15.564	2115	2123	2129	rBV	839281	1264098	34.34%	2.102%
25	15.623	2129	2133	2137	rVB2	101144	150323	4.08%	0.250%
26	15.676	2137	2142	2147	rBV	192023	274812	7.46%	0.457%
27	15.917	2178	2183	2193	rVB	55345	95634	2.60%	0.159%
28	16.064	2200	2208	2216	rVB	62817	140970	3.83%	0.234%
29	16.299	2240	2248	2253	rBV5	26313	53185	1.44%	0.088%
30	16.628	2291	2304	2308	rBV5	44592	117783	3.20%	0.196%
31	16.857	2334	2343	2346	rBV4	50805	96327	2.62%	0.160%
32	16.968	2357	2362	2370	rVB	88511	162521	4.41%	0.270%
33	17.051	2370	2376	2382	rBV2	55593	122922	3.34%	0.204%
34	17.139	2386	2391	2400	rVB	53941	105312	2.86%	0.175%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

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-BG081320PAH.M
Title : SVOA CALIBRATION

35	17.315	2415	2421	2425	rBV	938699	1468844	39.90%	2.443%
36	17.356	2425	2428	2433	rVV	977278	1451291	39.42%	2.413%
37	17.415	2433	2438	2442	rVV	872540	1324995	35.99%	2.203%
38	17.450	2442	2444	2449	rVB	231308	257639	7.00%	0.428%
39	17.503	2449	2453	2459	rVB2	64803	103125	2.80%	0.171%
40	17.715	2480	2489	2493	rBV2	109840	225667	6.13%	0.375%
41	17.897	2517	2520	2527	rVB4	40229	59937	1.63%	0.100%
42	18.191	2561	2570	2573	rBV	231323	418349	11.36%	0.696%
43	18.243	2573	2579	2585	rVV	348738	687202	18.67%	1.143%
44	18.320	2587	2592	2597	rVB	123910	191172	5.19%	0.318%
45	18.384	2597	2603	2607	rBV2	280523	549865	14.94%	0.914%
46	18.420	2607	2609	2616	rVB	177808	233205	6.33%	0.388%
47	18.690	2650	2655	2658	rBV	176453	250909	6.82%	0.417%
48	18.725	2658	2661	2666	rVB	178085	229792	6.24%	0.382%
49	18.813	2673	2676	2683	rVB4	26061	48002	1.30%	0.080%
50	18.937	2693	2697	2701	rVV2	89013	131806	3.58%	0.219%
51	18.984	2702	2705	2708	rVV2	70282	103912	2.82%	0.173%
52	19.025	2709	2712	2716	rVB2	78587	95345	2.59%	0.159%
53	19.107	2716	2726	2731	rBV	203558	397960	10.81%	0.662%
54	19.172	2731	2737	2739	rVV3	116406	237427	6.45%	0.395%
55	19.195	2739	2741	2745	rVV	94374	140452	3.82%	0.234%
56	19.242	2745	2749	2758	rVB2	173467	323355	8.78%	0.538%
57	19.366	2765	2770	2776	rVB	1860936	2615229	71.04%	4.349%
58	19.430	2777	2781	2784	rBV2	80367	107526	2.92%	0.179%
59	19.466	2784	2787	2792	rVV4	58597	96701	2.63%	0.161%
60	19.513	2792	2795	2799	rVB2	66036	82232	2.23%	0.137%
61	19.560	2799	2803	2807	rBV2	83270	128065	3.48%	0.213%
62	19.701	2821	2827	2829	rBV2	1369732	2068946	56.20%	3.440%
63	19.730	2829	2832	2840	rVV	1603894	2310211	62.75%	3.842%
64	19.800	2840	2844	2852	rVB2	145612	258621	7.02%	0.430%
65	19.906	2857	2862	2868	rBV	139300	218244	5.93%	0.363%
66	19.965	2868	2872	2877	rVB	160890	248192	6.74%	0.413%
67	20.047	2881	2886	2893	rBV3	223202	591515	16.07%	0.984%
68	20.182	2906	2909	2911	rBV3	122054	169979	4.62%	0.283%
69	20.218	2912	2915	2920	rVB	345982	489005	13.28%	0.813%
70	20.317	2928	2932	2936	rBV	240996	340447	9.25%	0.566%
71	20.376	2936	2942	2947	rVV2	331992	607564	16.50%	1.010%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	20.417	2947	2949	2952	rVB2	58718	58426	1.59%	0.097%
73	20.458	2953	2956	2962	rVB2	79794	102677	2.79%	0.171%
74	20.517	2962	2966	2970	rBV	162071	224851	6.11%	0.374%
75	20.564	2970	2974	2978	rVB3	142113	211012	5.73%	0.351%
76	20.811	3013	3016	3019	rBV4	83348	97980	2.66%	0.163%
77	20.970	3039	3043	3051	rVB	278825	453379	12.31%	0.754%
78	21.152	3068	3074	3078	rBV3	183683	416615	11.32%	0.693%
79	21.199	3078	3082	3084	rVV2	219585	322555	8.76%	0.536%
80	21.234	3084	3088	3095	rVV3	459204	931582	25.30%	1.549%
81	21.299	3095	3099	3108	rVB2	238555	446354	12.12%	0.742%
82	21.551	3136	3142	3148	rBV3	1550676	3681558	100.00%	6.122%
83	21.610	3148	3152	3164	rVB	1049364	1854639	50.38%	3.084%
84	21.769	3173	3179	3183	rBV2	194059	501009	13.61%	0.833%
85	21.957	3206	3211	3218	rBV3	186089	380876	10.35%	0.633%
86	22.274	3261	3265	3271	rVB	305435	552939	15.02%	0.919%
87	22.350	3273	3278	3289	rVV6	188035	491145	13.34%	0.817%
88	22.480	3297	3300	3305	rVB2	92718	137284	3.73%	0.228%
89	22.538	3306	3310	3314	rVV2	153778	287711	7.81%	0.478%
90	22.585	3315	3318	3324	rVB5	159179	268357	7.29%	0.446%
91	23.696	3499	3507	3514	rBV	932404	2969315	80.65%	4.938%
92	23.825	3524	3529	3533	rBV	112855	194876	5.29%	0.324%
93	23.943	3543	3549	3557	rVB	248578	555765	15.10%	0.924%
94	24.389	3618	3625	3632	rBV2	464366	1323931	35.96%	2.202%
95	24.466	3632	3638	3643	rVV	466237	1192885	32.40%	1.984%
96	24.530	3643	3649	3662	rVB	859417	2233978	60.68%	3.715%
97	24.677	3666	3674	3680	rVV2	572245	1553008	42.18%	2.582%
98	24.742	3681	3685	3701	rVB4	276757	904828	24.58%	1.505%
99	28.202	4262	4274	4292	rVB3	448352	2272577	61.73%	3.779%
100	29.283	4449	4458	4472	rVB2	300090	1228936	33.38%	2.044%

Sum of corrected areas: 60136846

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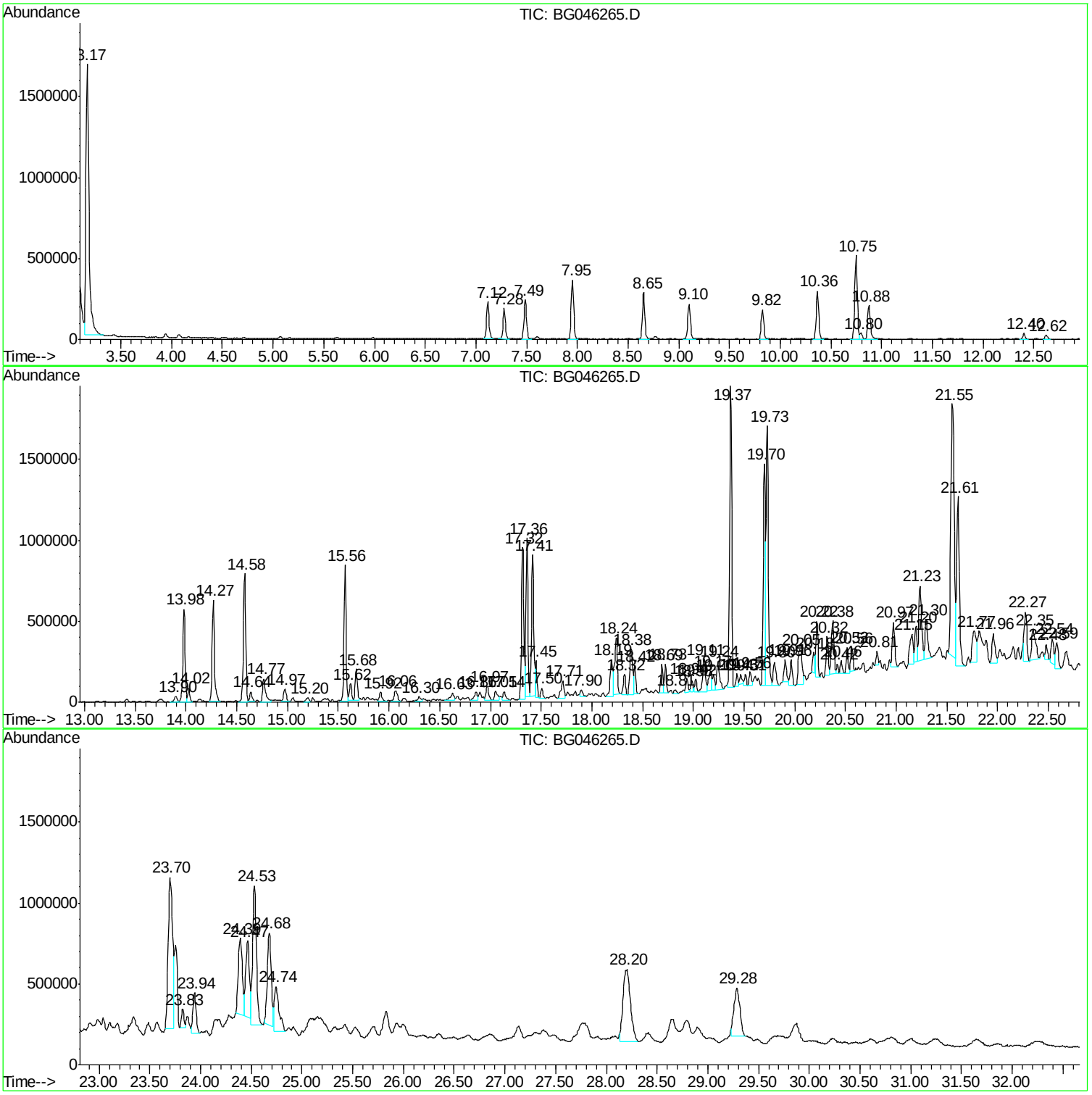
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

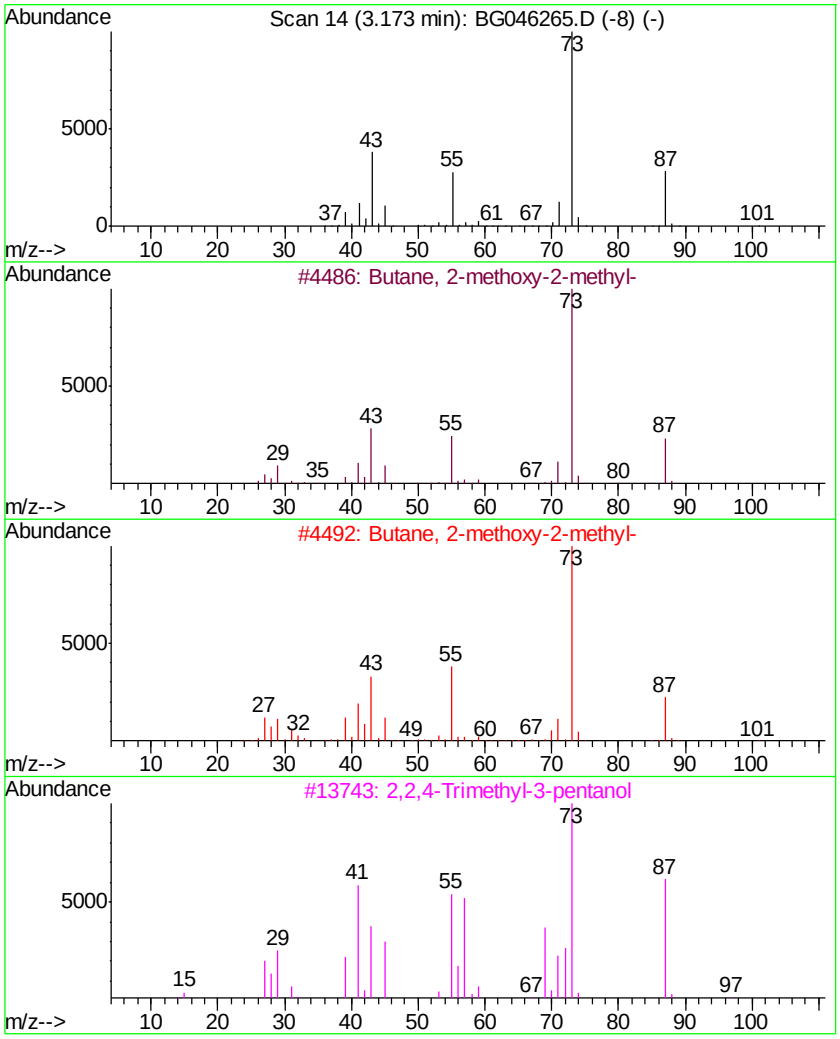
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

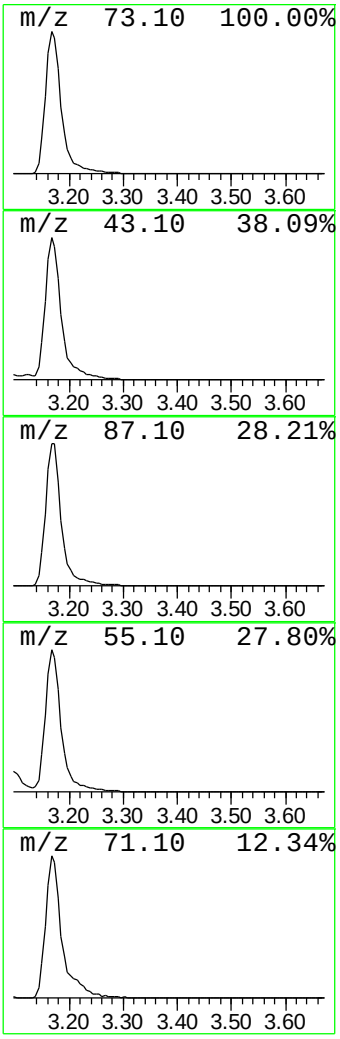
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	111.76 ng/ul	3501030	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

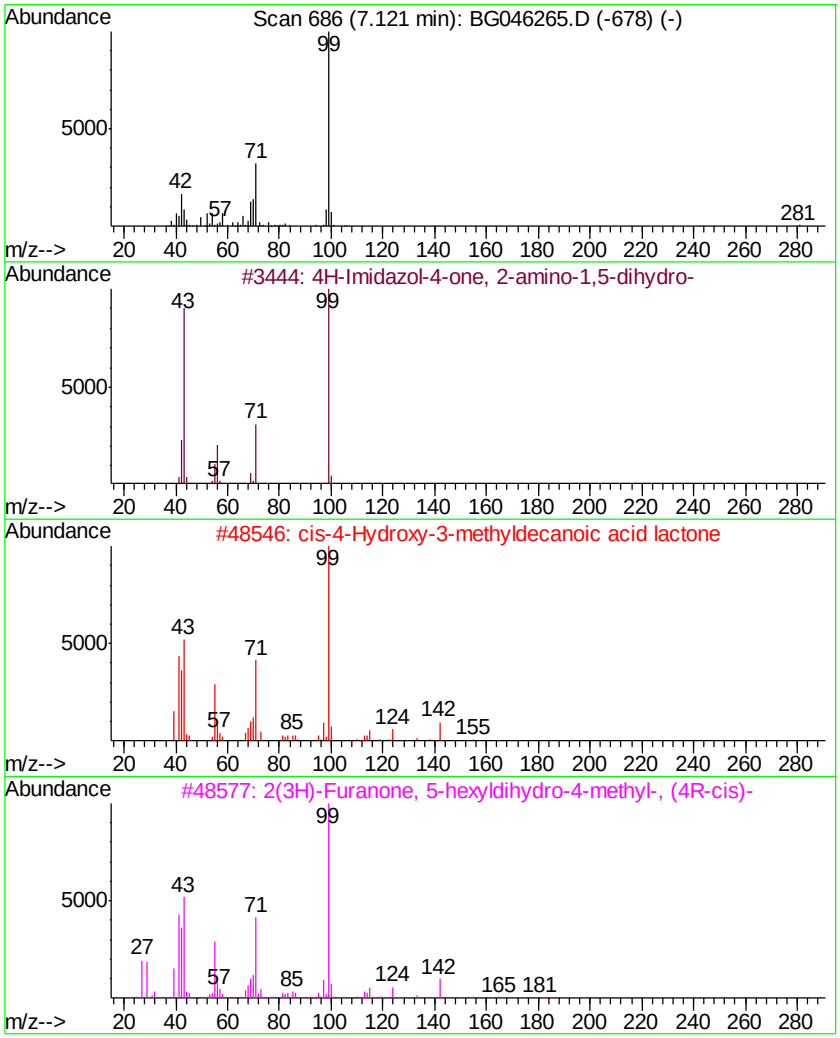
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

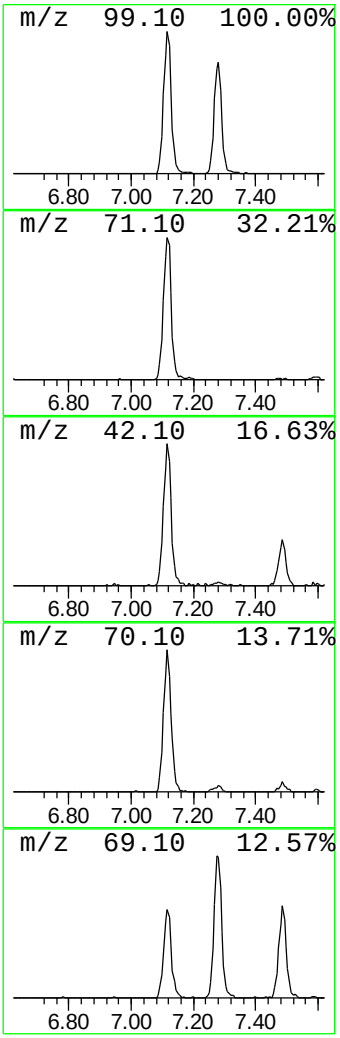
****

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	13.18 ng/ul	412892	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
4	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

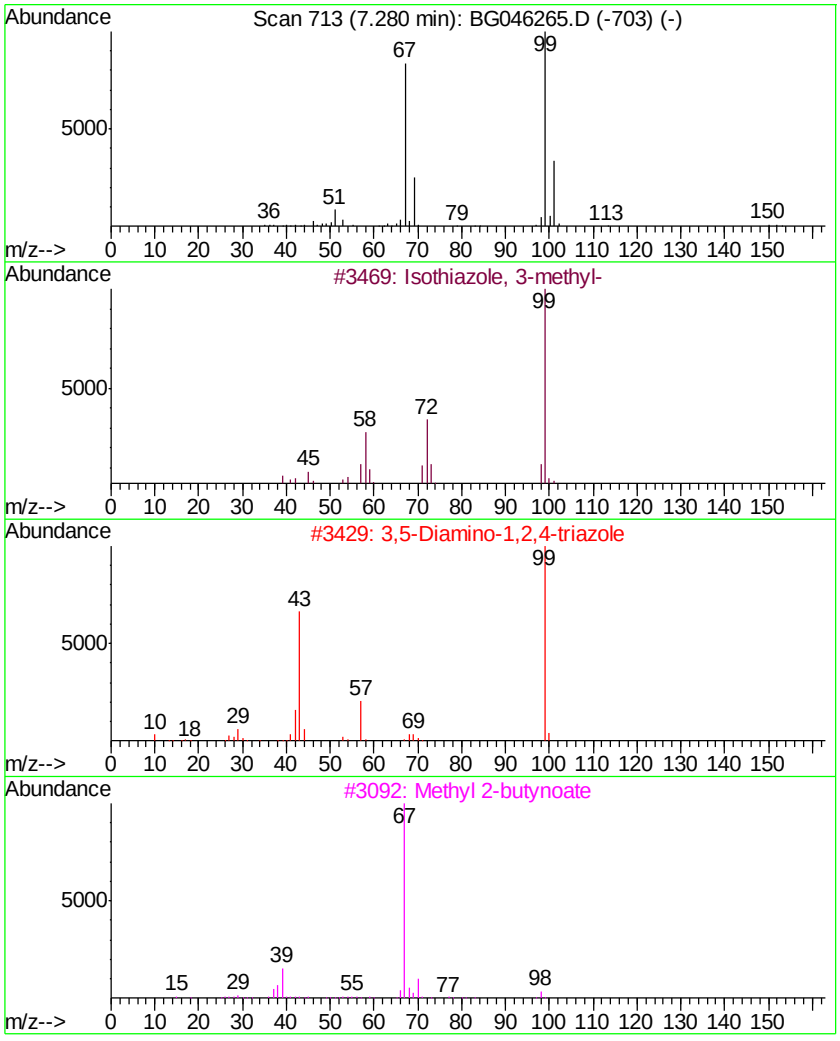
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

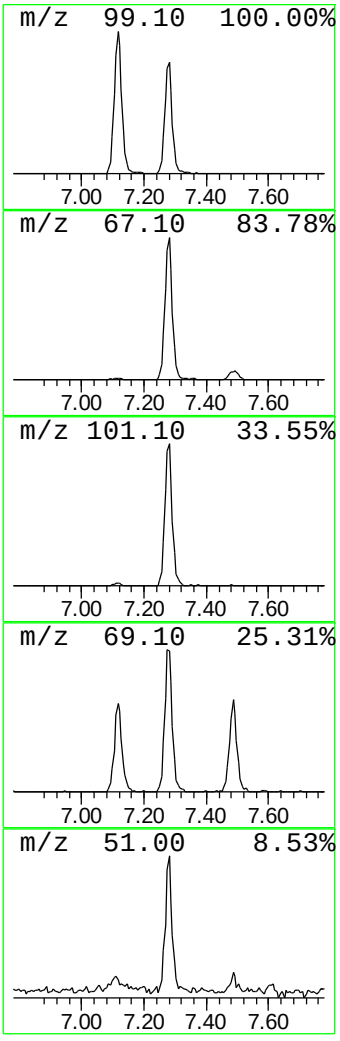
****

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	10.26 ng/ul	321389	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
4	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
5	Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9





Library Search Compound Report

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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

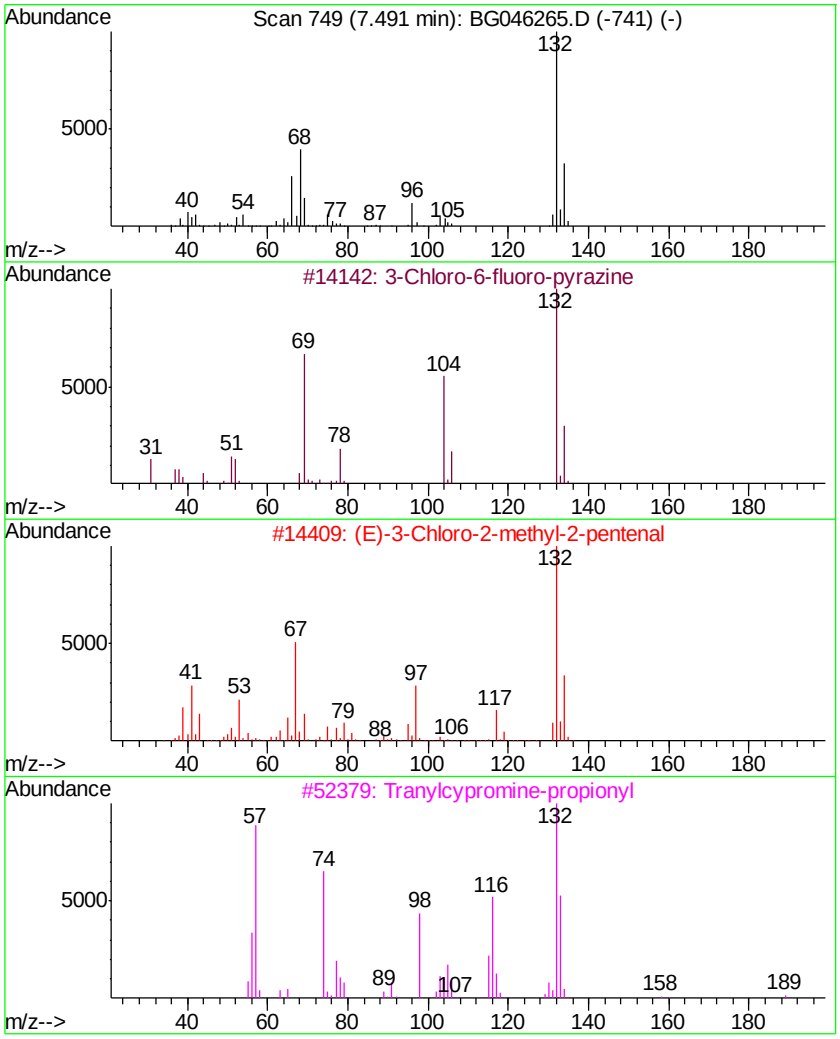
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

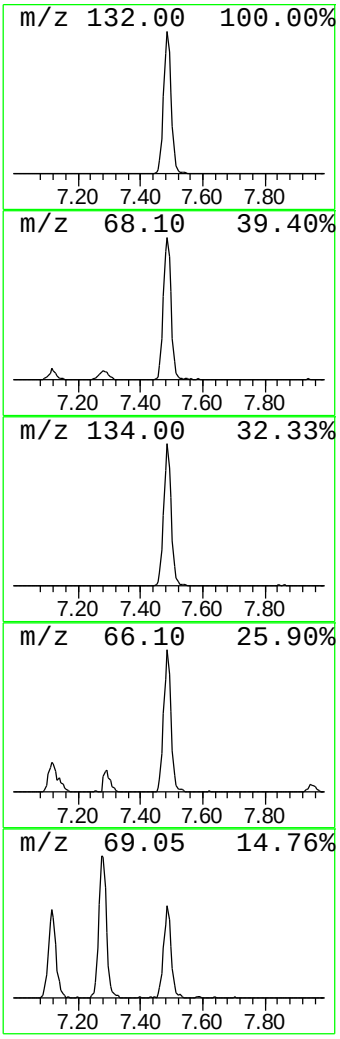
****

Peak Number 4 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	13.11 ng/ul	410673	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BG046265.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

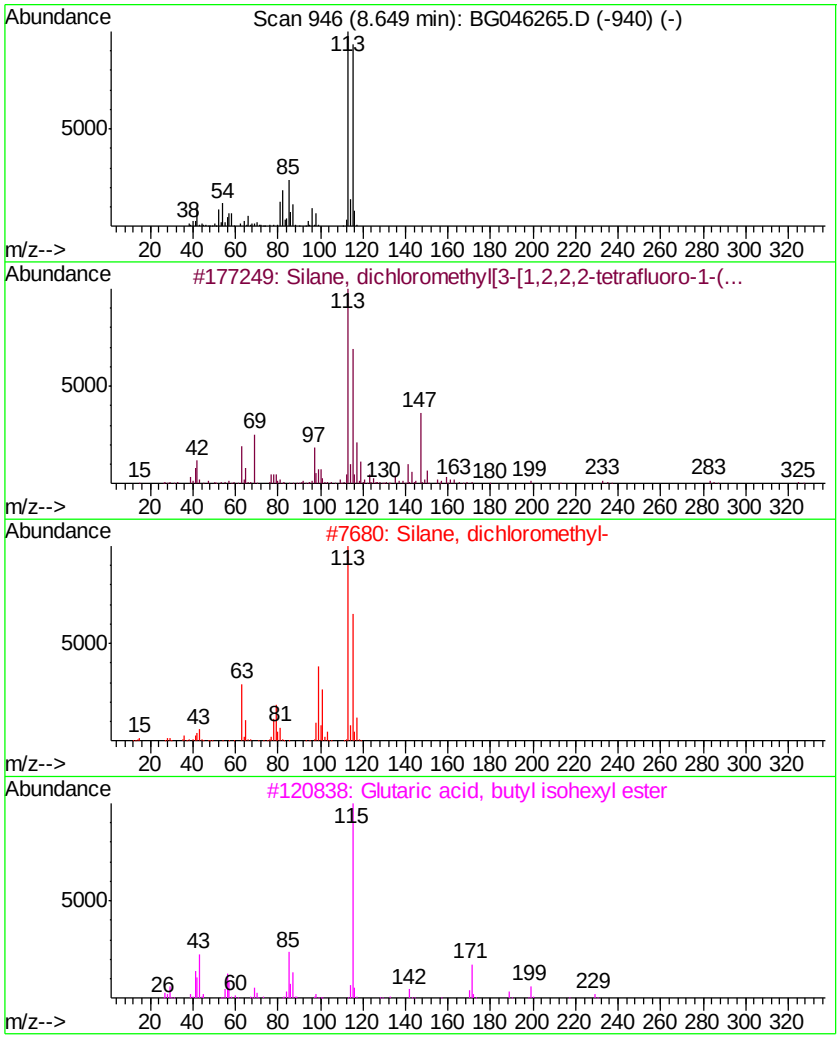
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

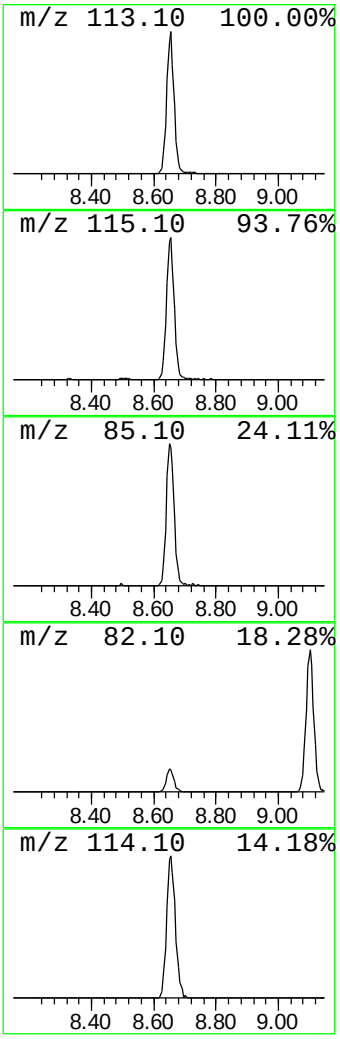
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Silane, dichloromethyl[3-[1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	16.18 ng/ul	506705	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl[3-[1,2,2,...	340	C7H9Cl2F7OSi	020006-68-2	64
2	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	64
3	Glutaric acid, butyl isohexyl ester	272	C15H28O4	1000358-31-7	43
4	Glutaric acid, isohexyl pentyl e...	286	C16H30O4	1000358-31-8	43
5	Glutaric acid, hexyl 2-methylbut...	286	C16H30O4	1000358-39-5	38





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Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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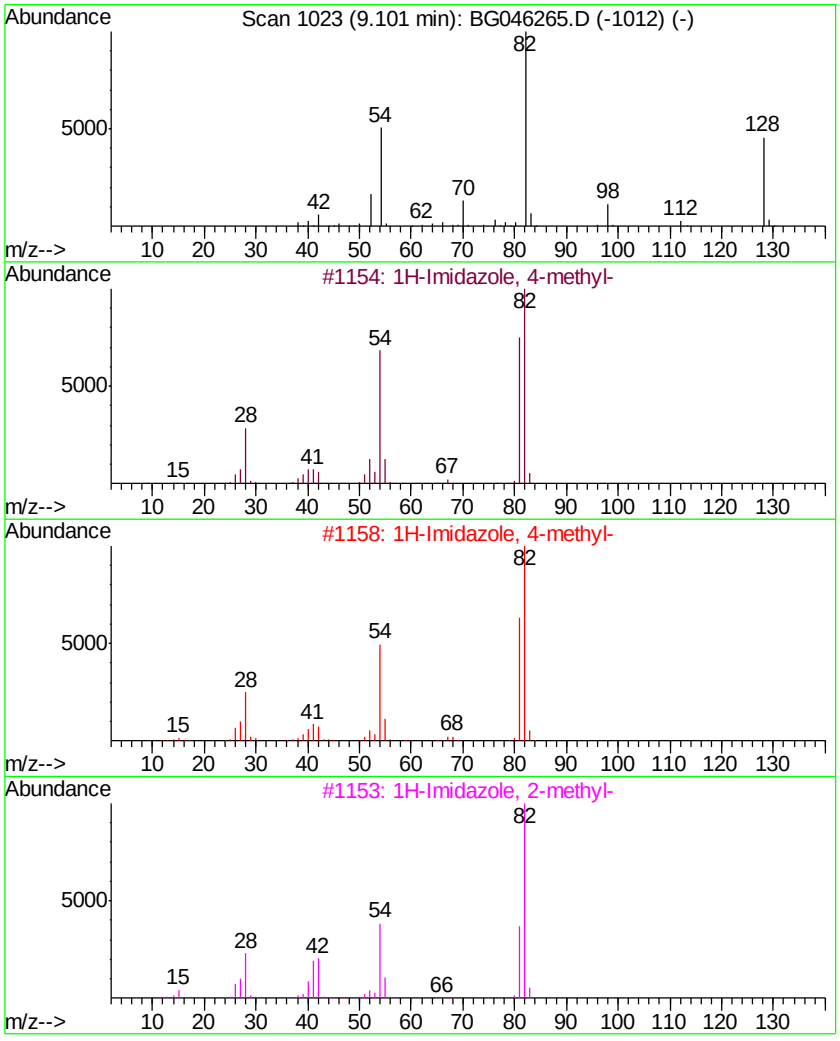
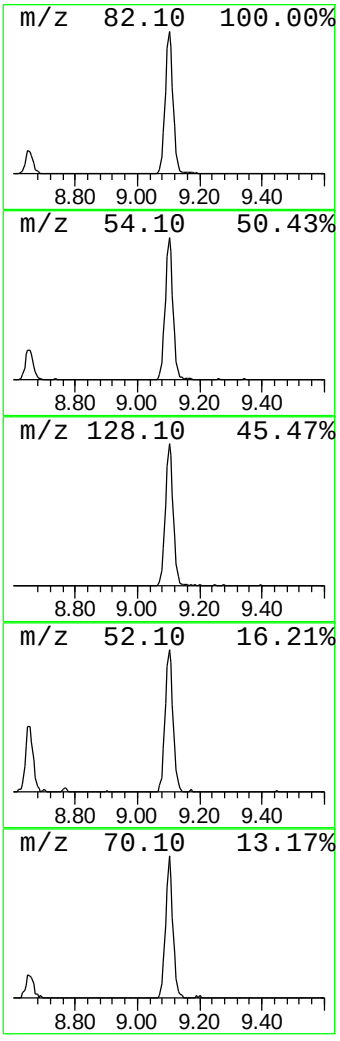
Peak Number 6 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	12.44 ng/ul	389548	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	40
2	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
3	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	38
4	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	37
5	Methyl methylphosphonofluoridate	112	C2H6FO2P	000353-88-8	27





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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

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Quant Title : SVOA CALIBRATION

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

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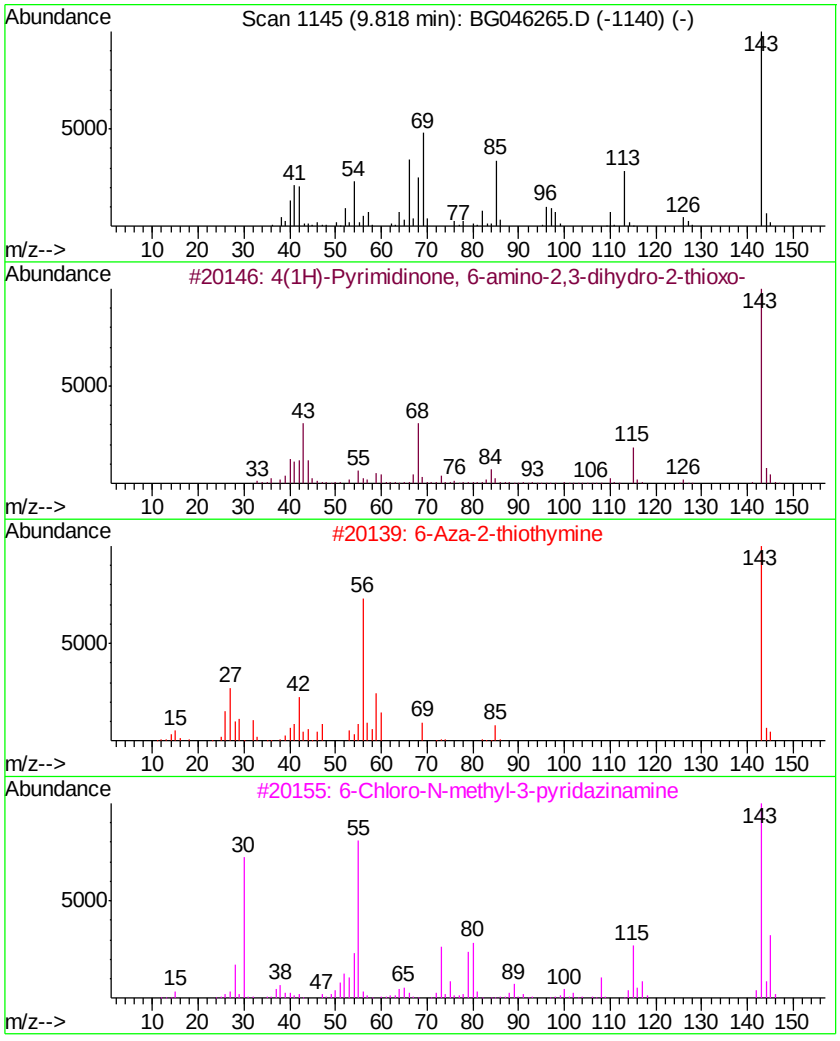
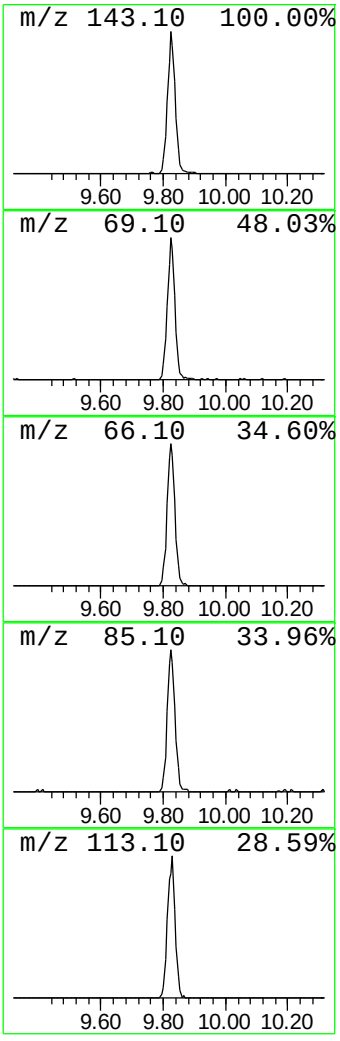
Peak Number 7 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.14 ng/ul	324037	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
2	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
3	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10
4	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	9
5	6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	9





Library Search Compound Report

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Data File : BG046265.D
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Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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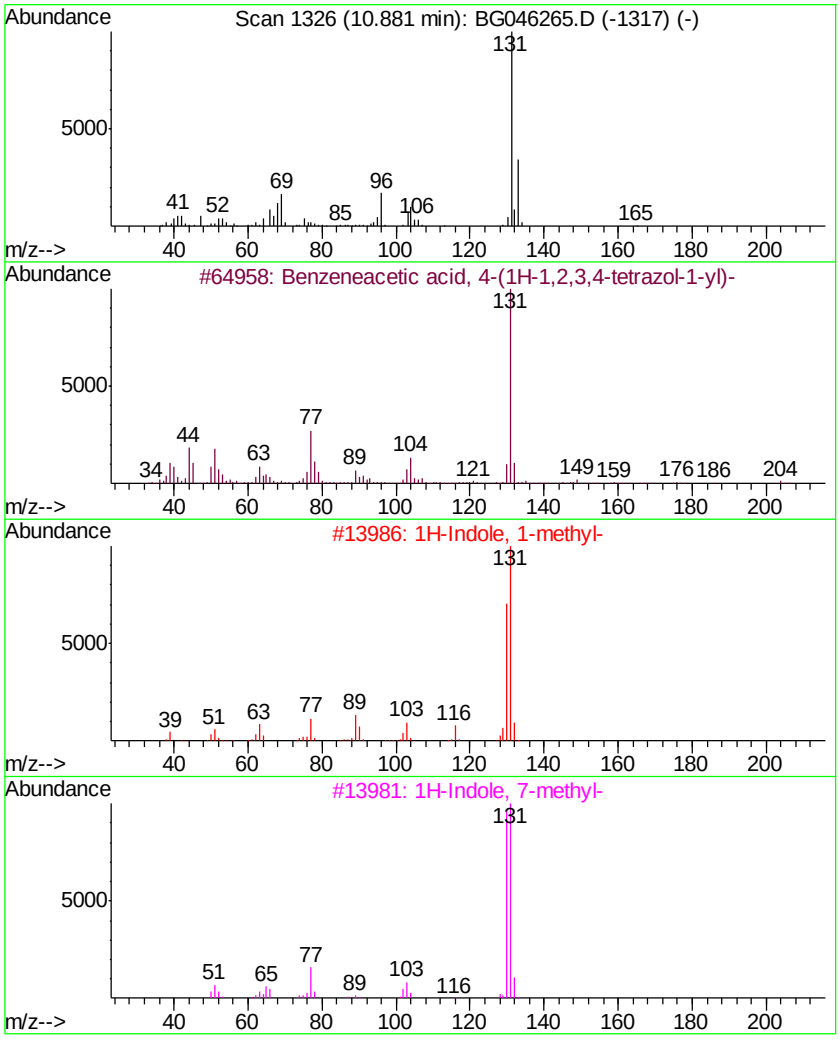
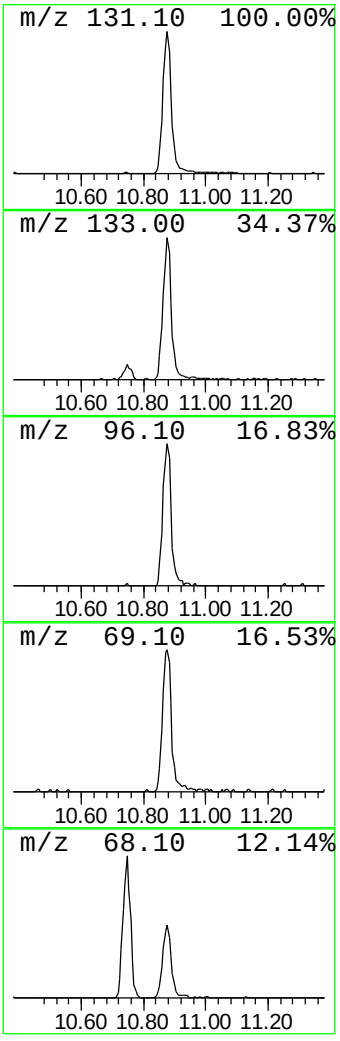
Peak Number 8 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	8.78 ng/ul	398400	Naphthalene-d8	10.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
3	1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	9
4	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	9





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-10
Misc :
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Instrument : BNA_G
ClientSampleId : BFM57

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Quant Title : SVOA CALIBRATION

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

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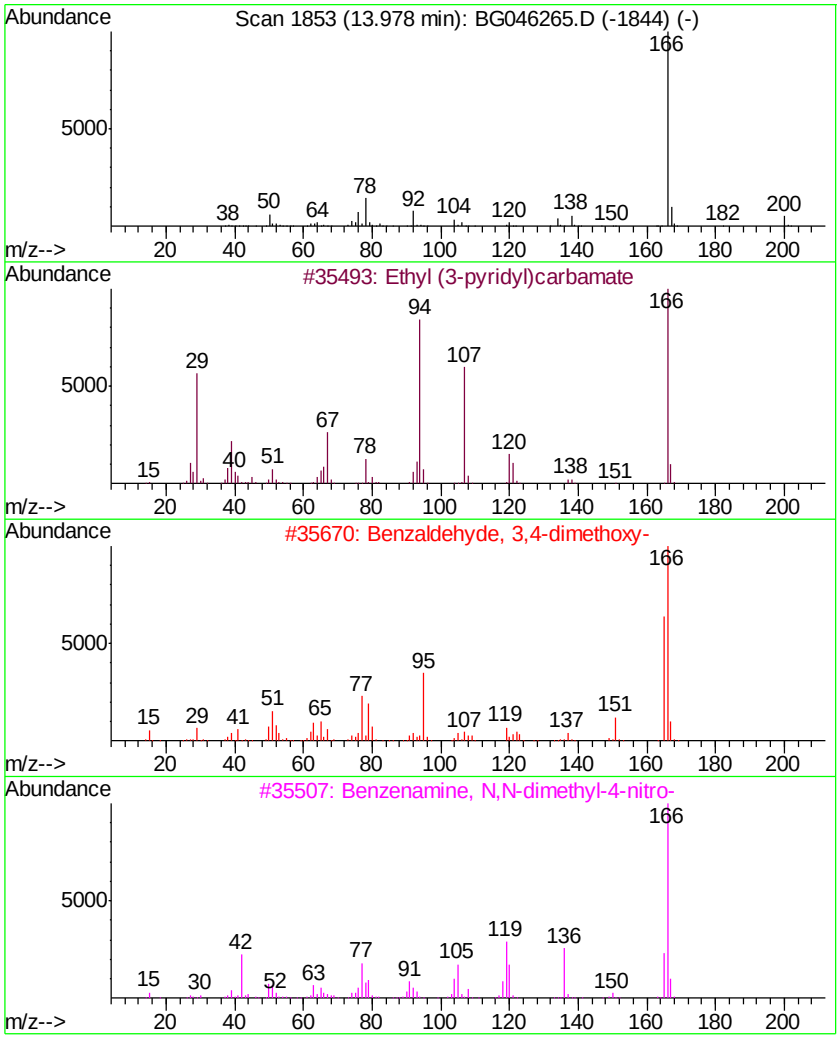
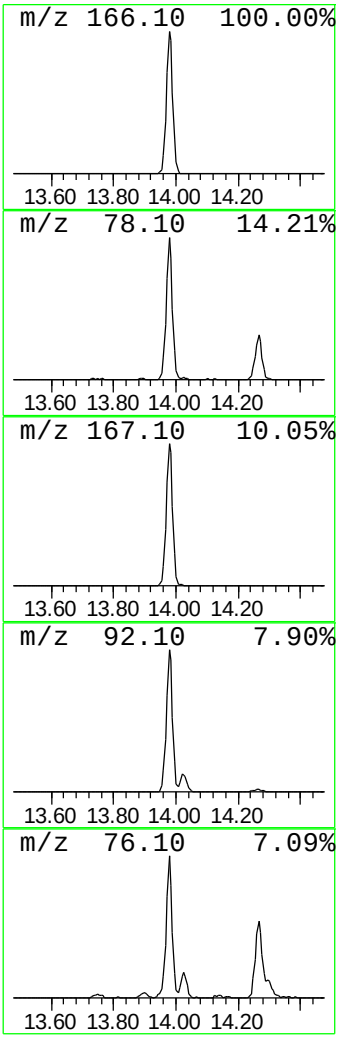
Peak Number 9 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	13.52 ng/ul	854217	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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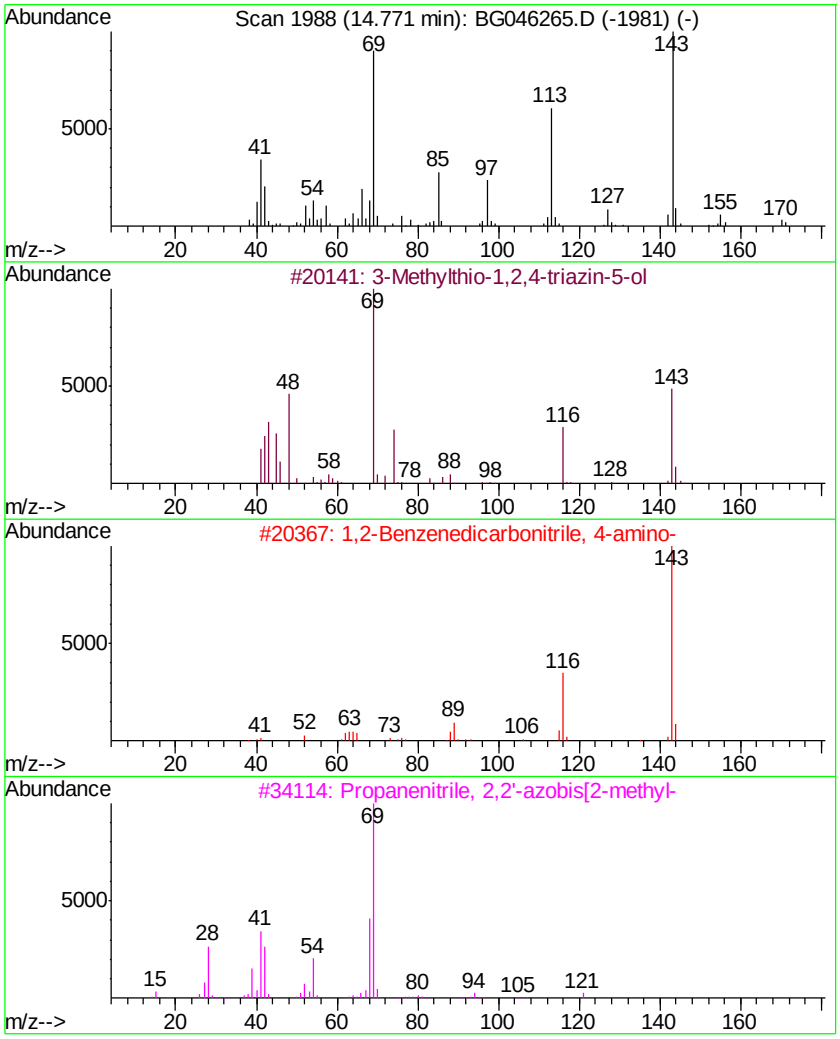
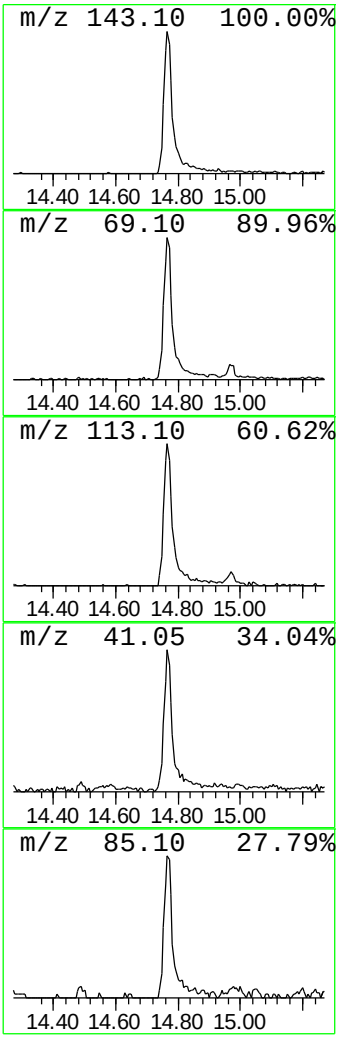
Peak Number 10 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.73 ng/ul	298496	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylthio-1,2,4-triazin-5-ol	143	C4H5N3OS	018060-72-5	25
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	11
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	10
4	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	10
5	1H-Azepin-1-amine, hexahydro-N-(...	168	C10H20N2	028075-23-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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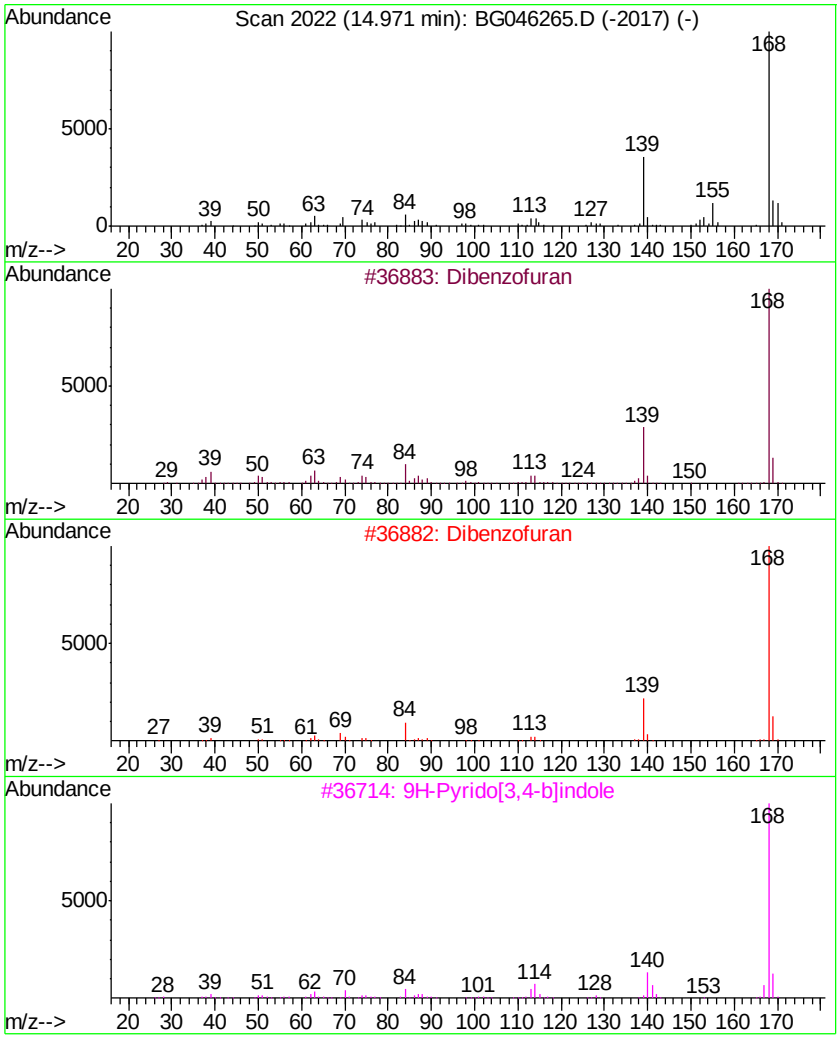
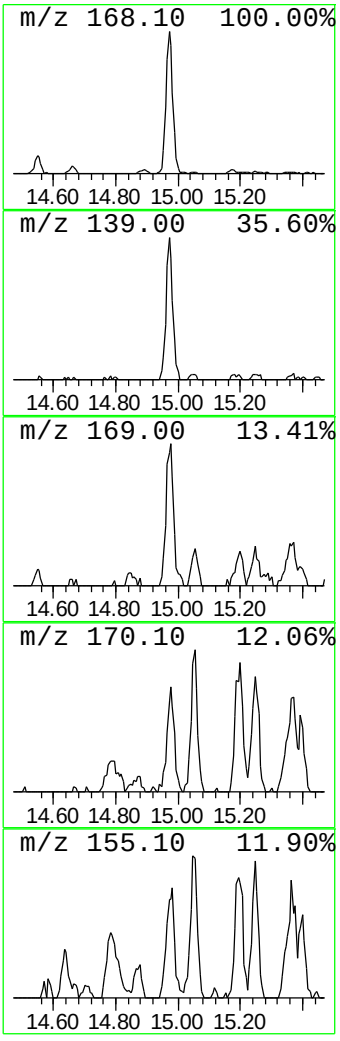
Peak Number 11 Dibenzofuran Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	2.17 ng/ul	137043	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	81
2	Dibenzofuran	168	C12H8O	000132-64-9	72
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	52
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	50





Library Search Compound Report

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Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

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Quant Title : SVOA CALIBRATION

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

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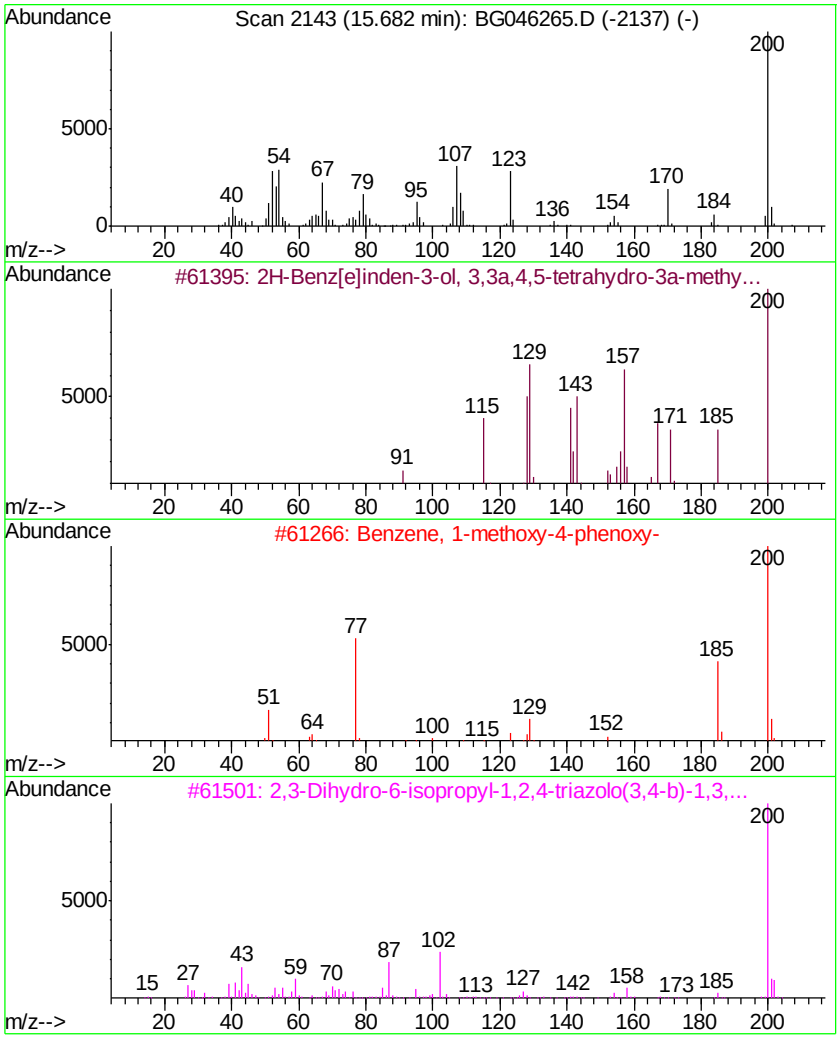
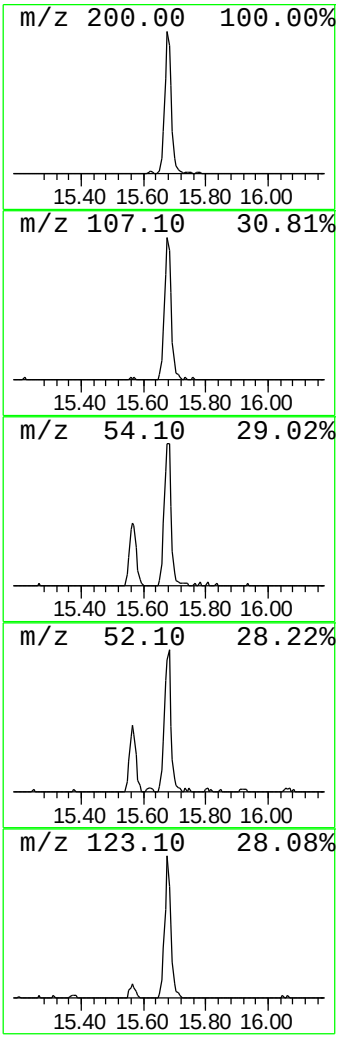
Peak Number 12 unknown-08 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	4.35 ng/ul	274812	Acenaphthene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	30
2	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	14
3	2,3-Dihydro-6-isopropyl-1,2,4-tr...	200	C6H8N4S2	014778-89-3	12
4	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	12
5	Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	10





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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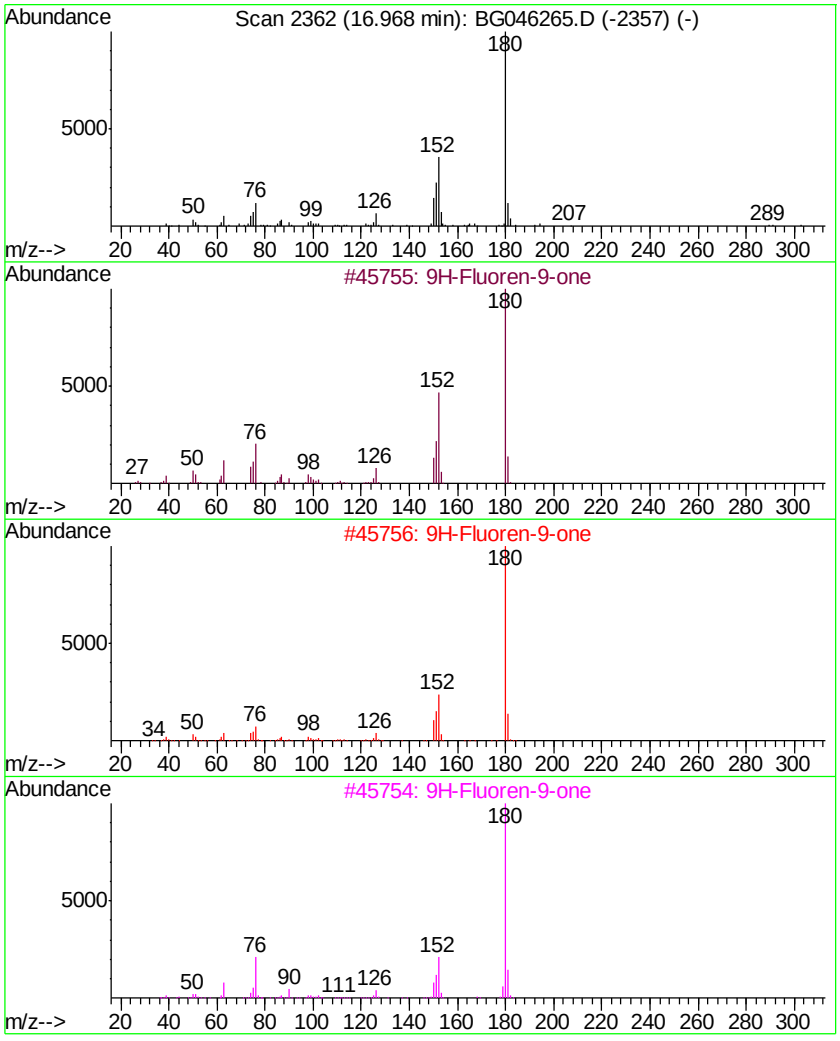
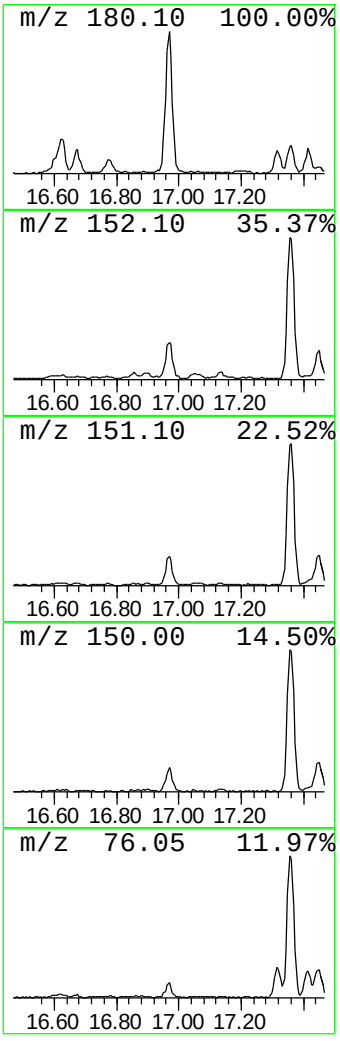
Peak Number 13 9H-Fluoren-9-one Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.21 ng/ul	162521	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80





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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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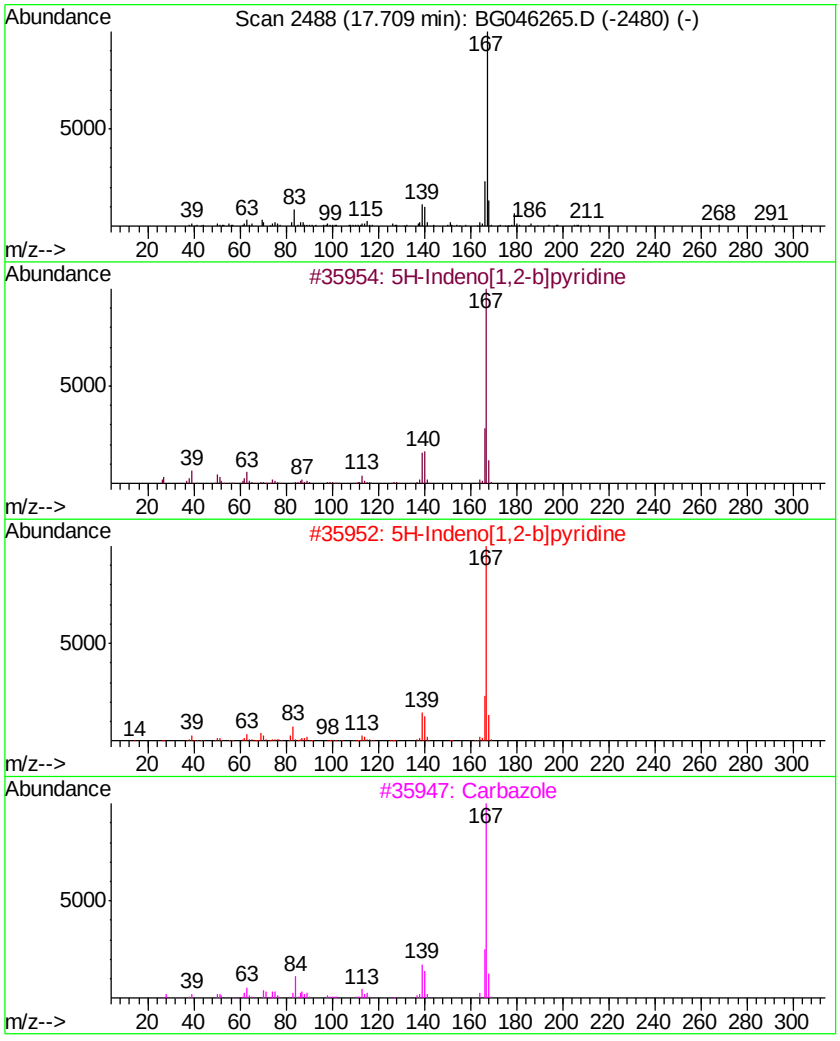
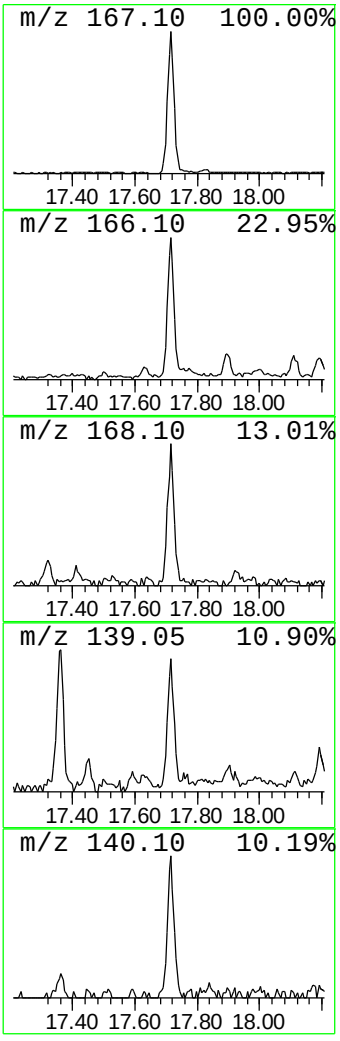
Peak Number 14 5H-Indeno[1,2-b]pyridine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	3.07 ng/ul	225667	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	86





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Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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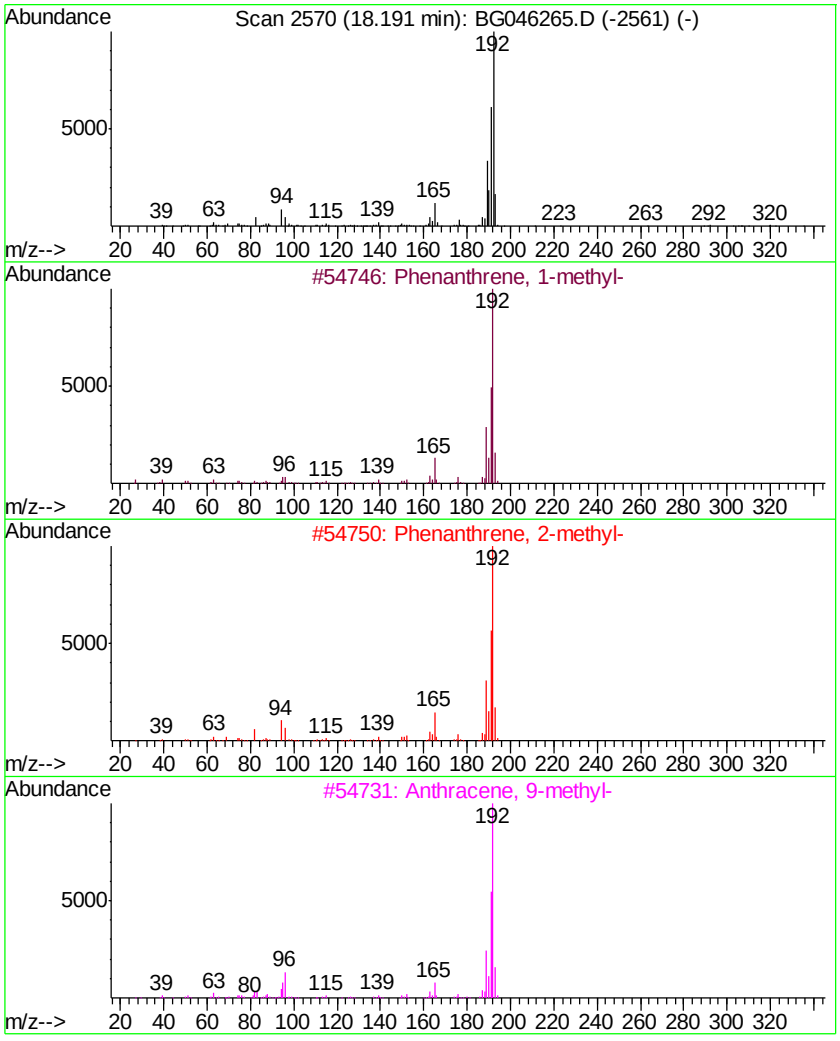
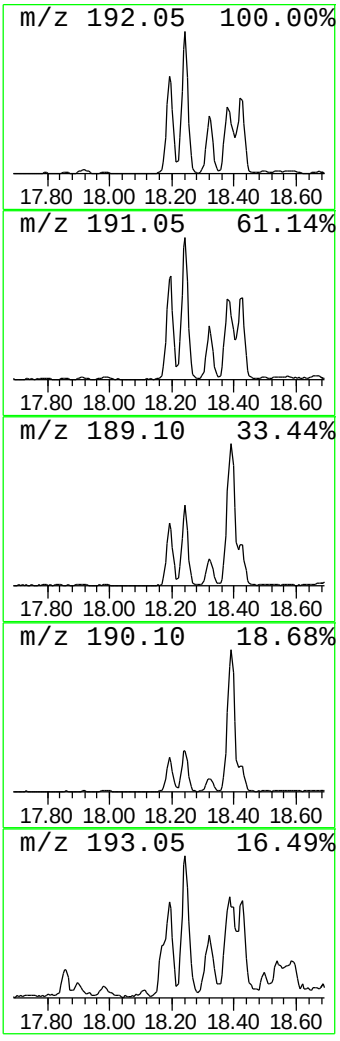
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	5.70 ng/ul	418349	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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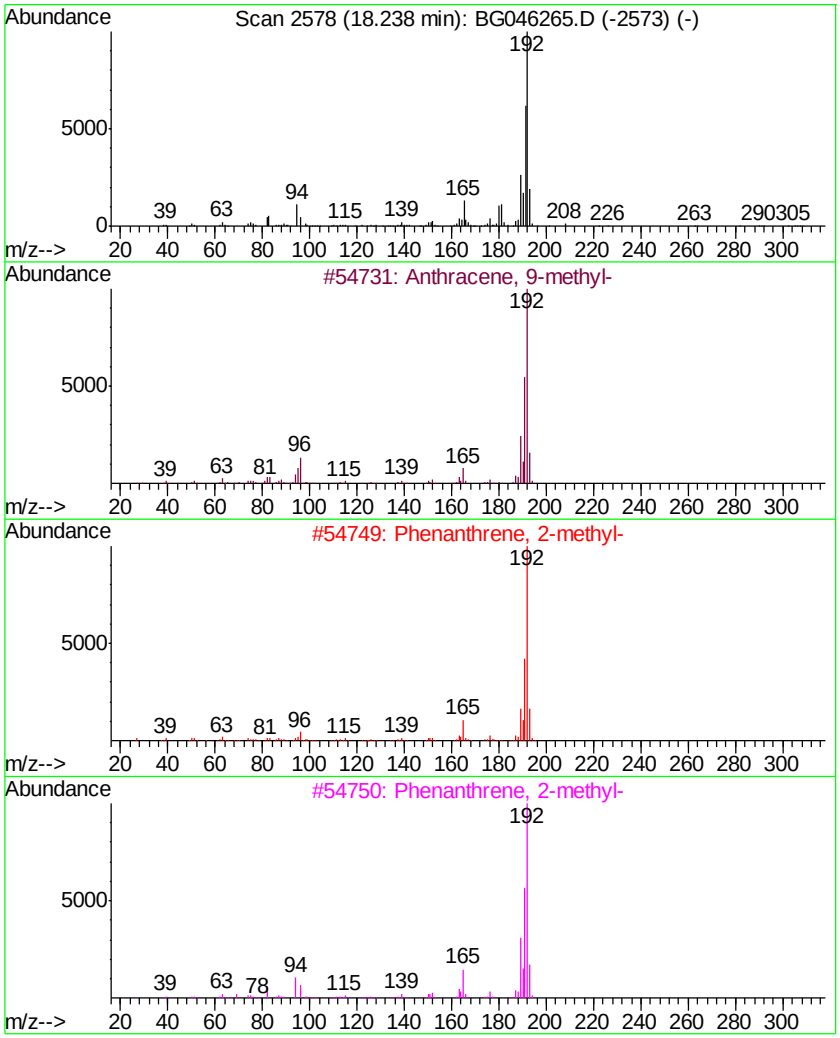
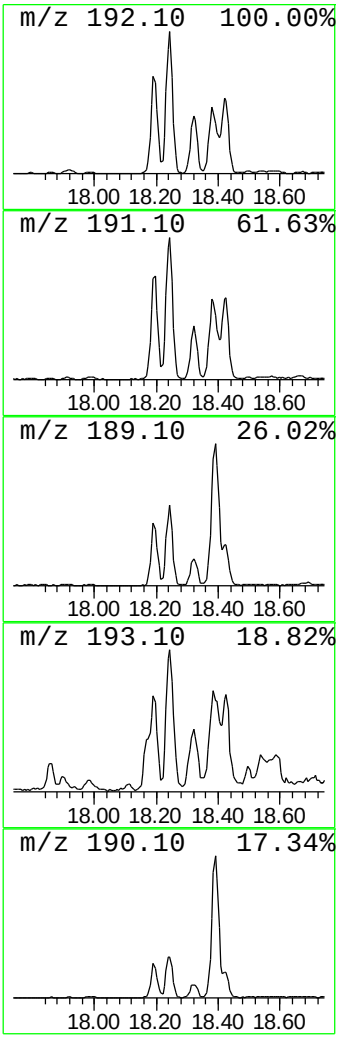
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	9.36 ng/ul	687202	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Library Search Compound Report

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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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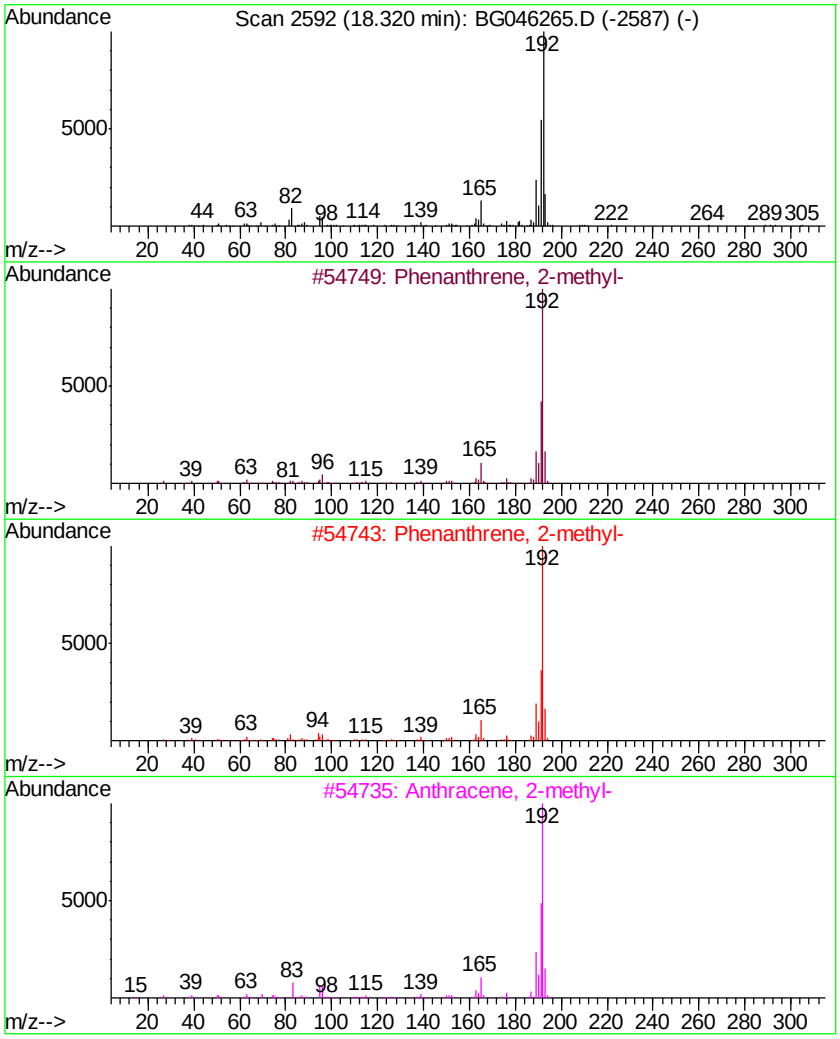
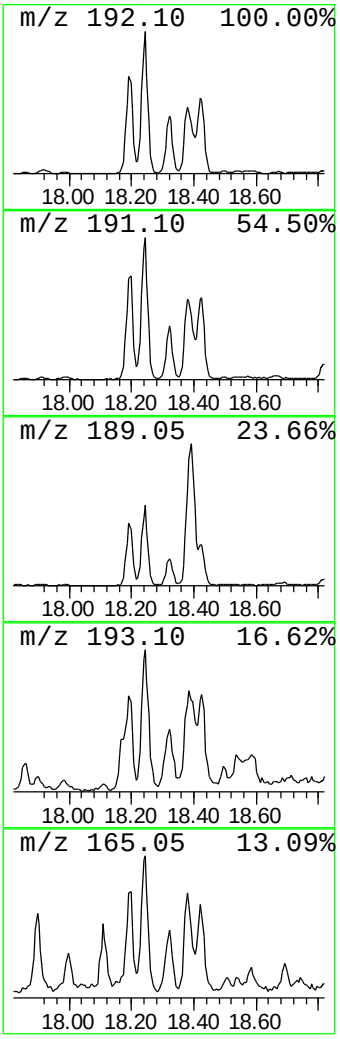
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.60 ng/ul	191172	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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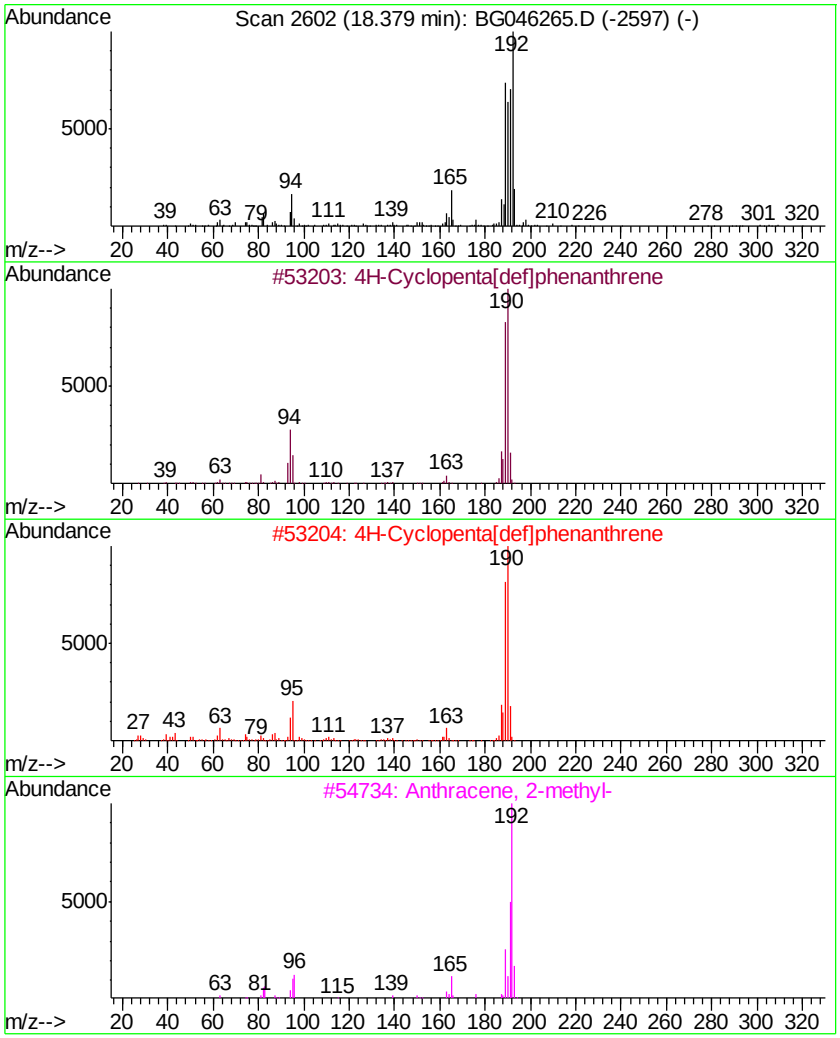
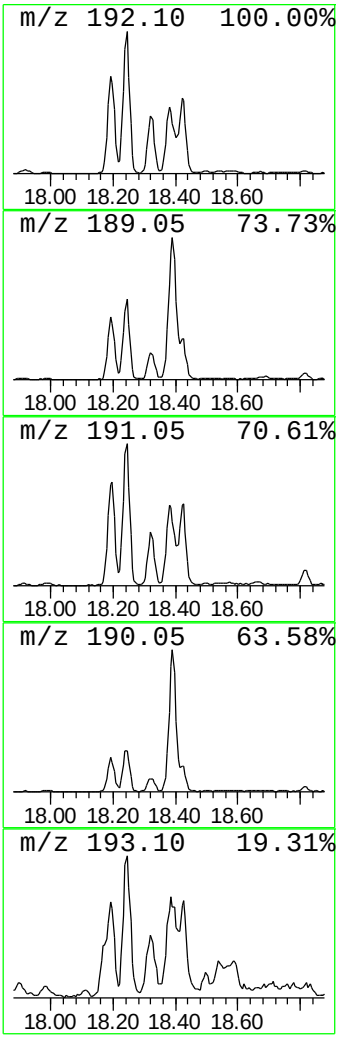
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	7.49 ng/ul	549865	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41





Library Search Compound Report

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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

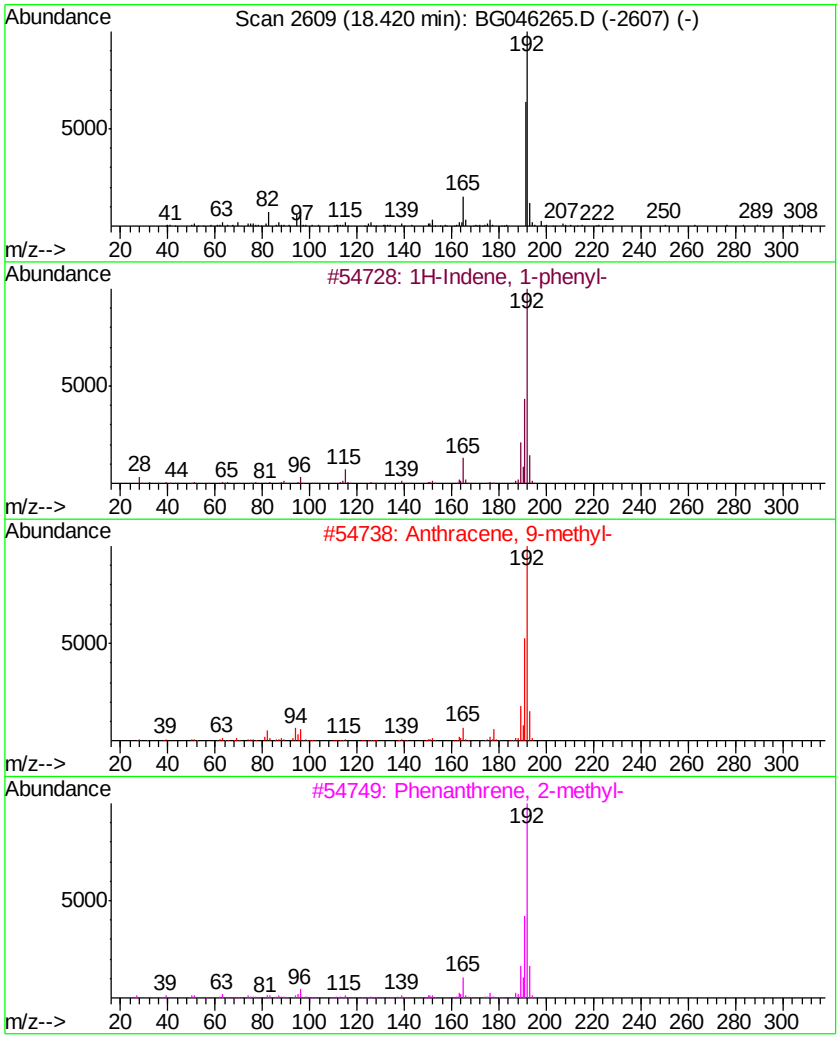
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

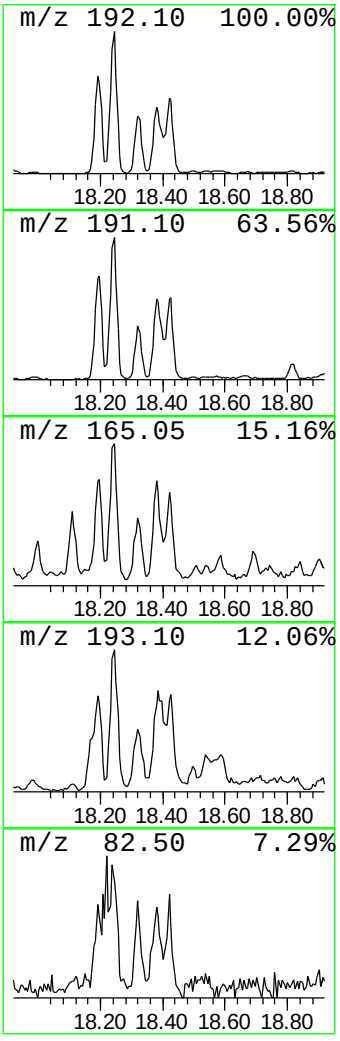
****

Peak Number 19 1H-Indene, 1-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.18 ng/ul	233205	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





Library Search Compound Report

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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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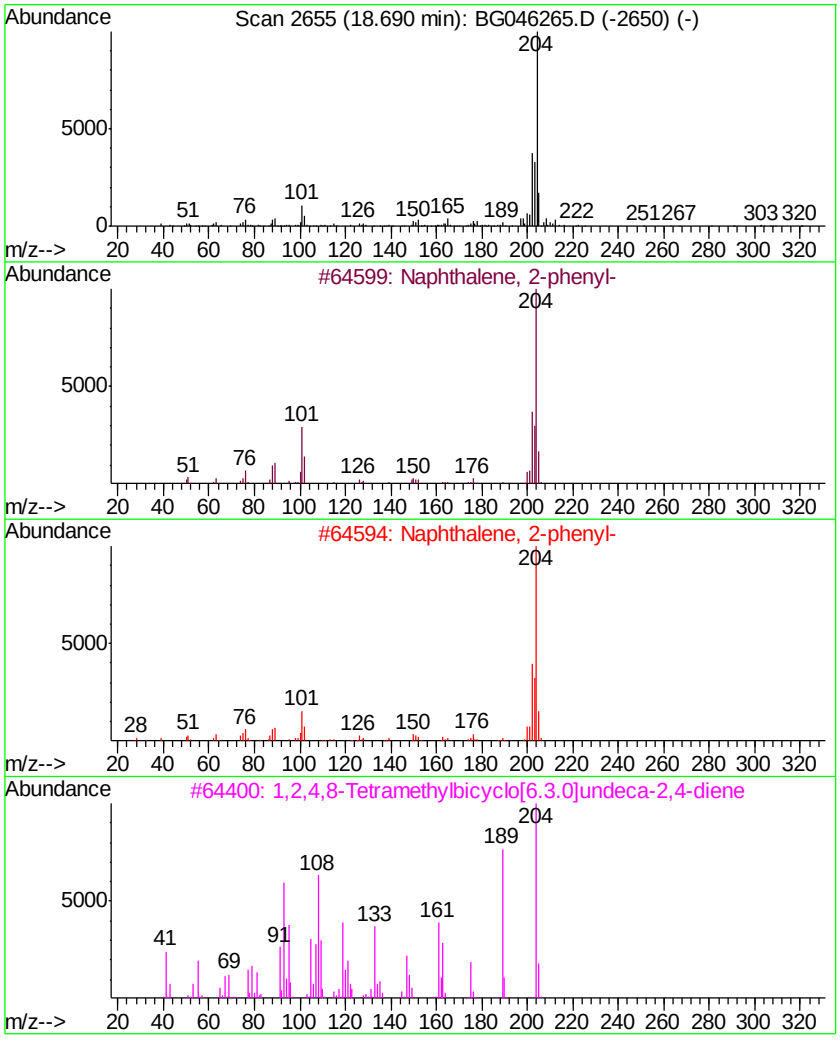
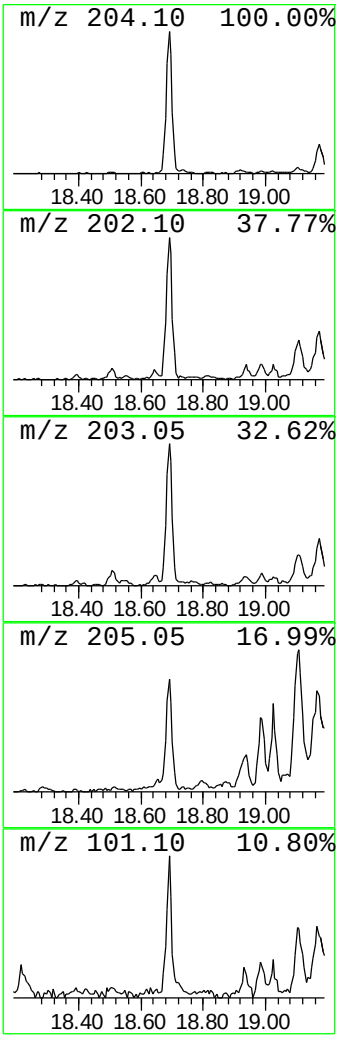
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.42 ng/ul	250909	Phenanthrene-d10	17.32

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	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





Library Search Compound Report

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Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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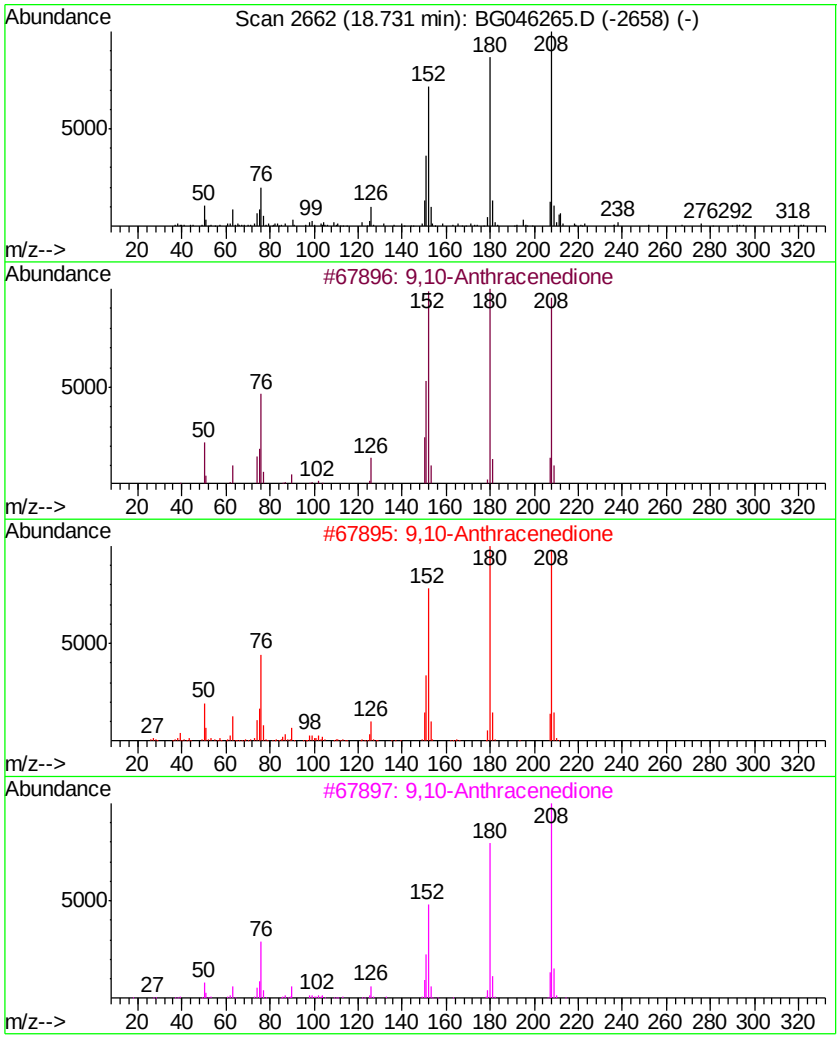
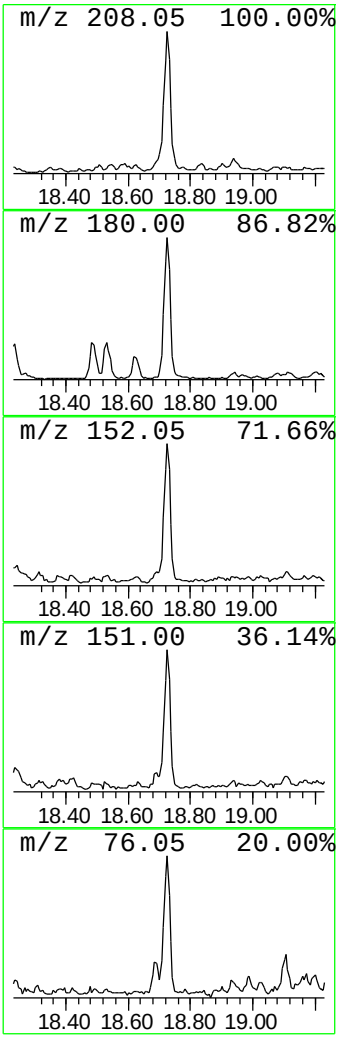
Peak Number 21 9,10-Anthracenedione Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	3.13 ng/ul	229792	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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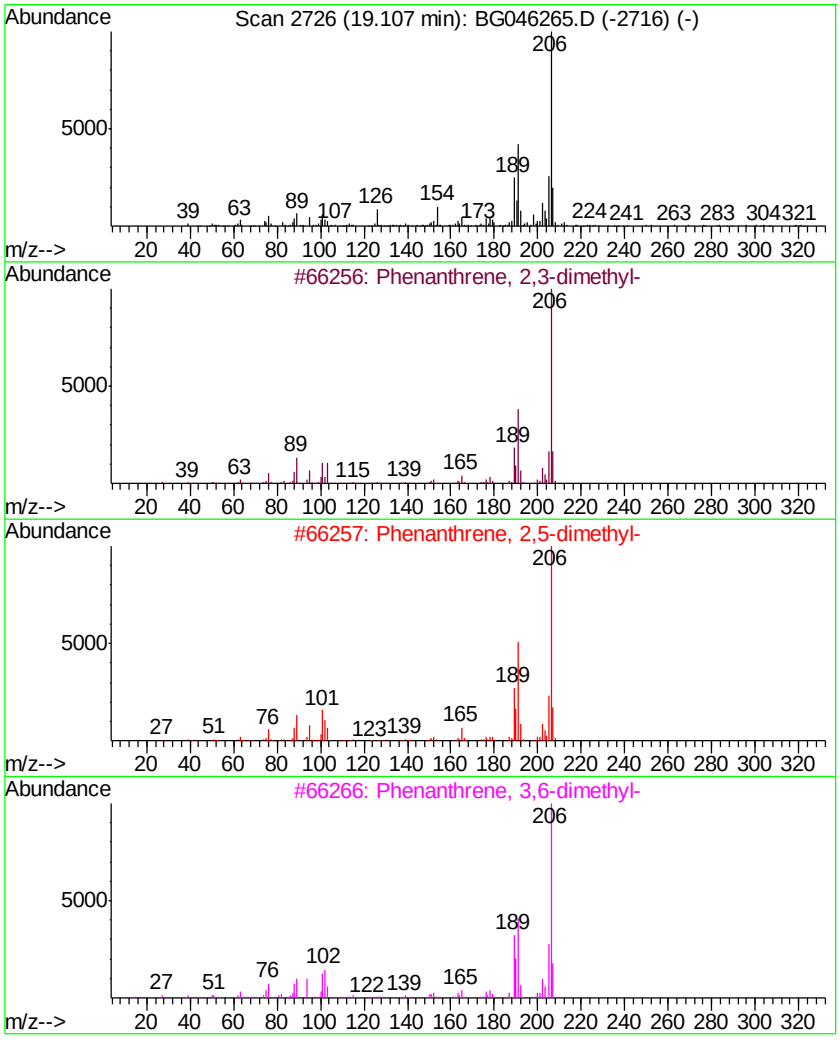
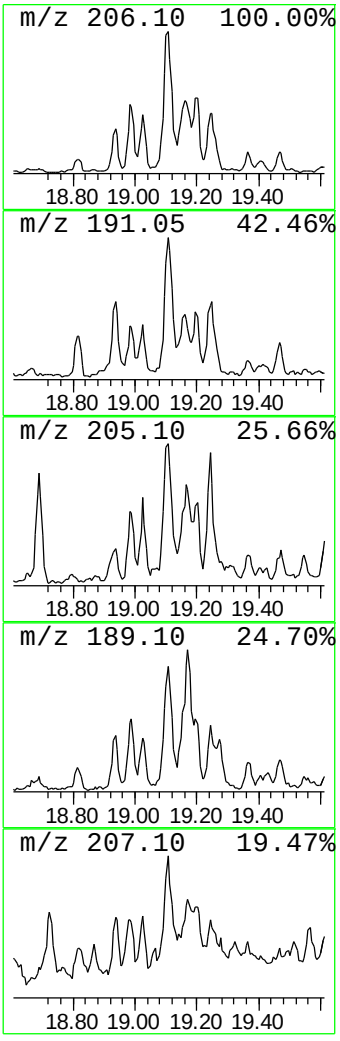
Peak Number 22 Phenanthrene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	5.42 ng/ul	397960	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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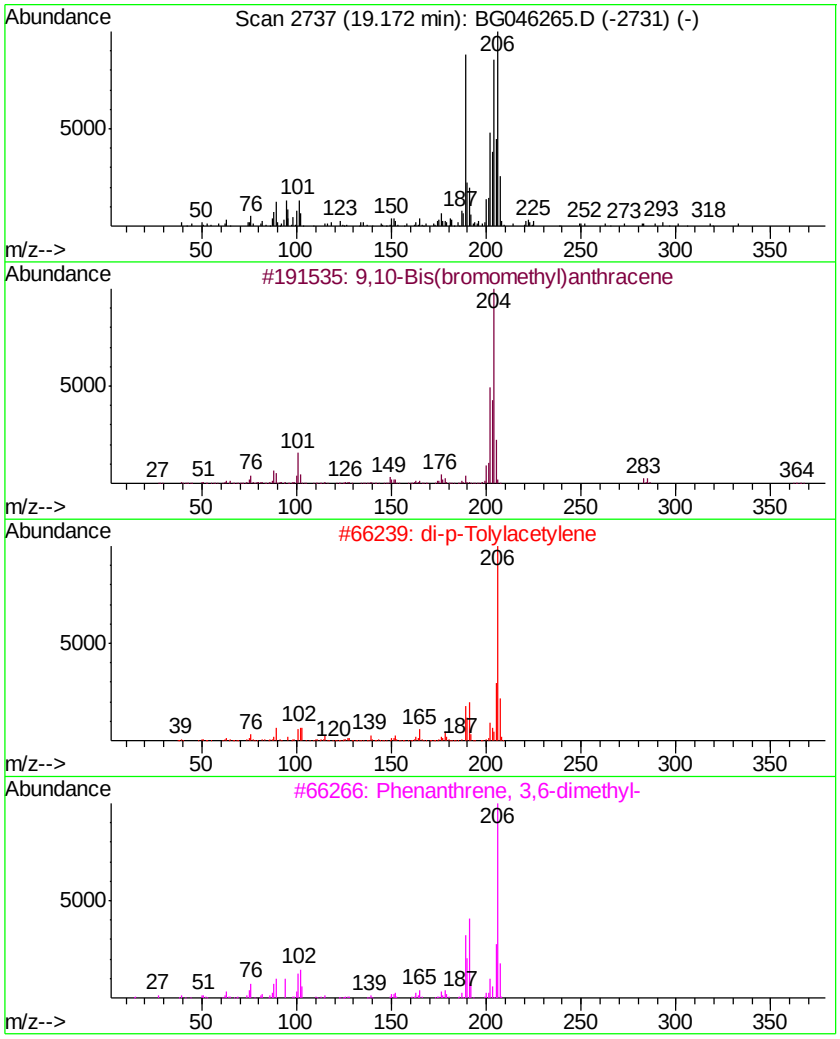
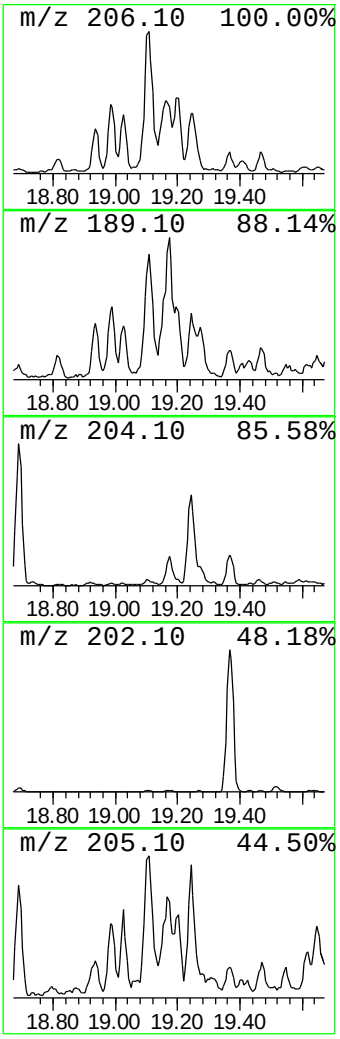
Peak Number 23 unknown-09 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.23 ng/ul	237427	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	25





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Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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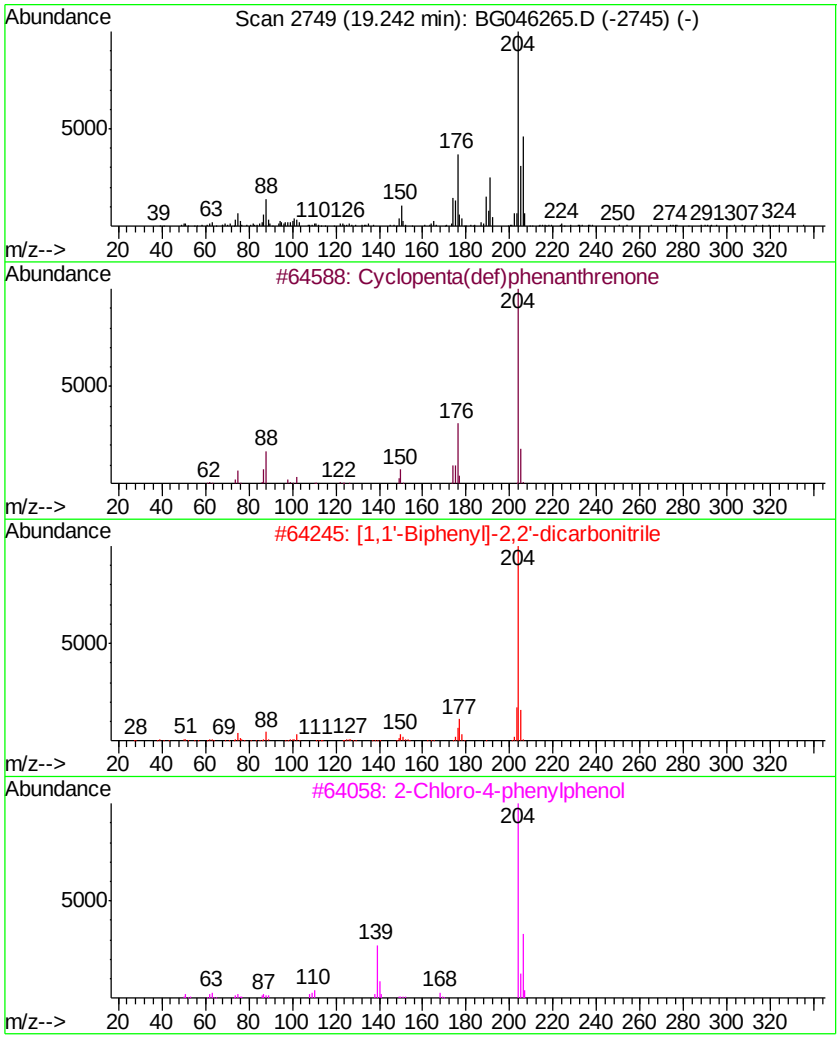
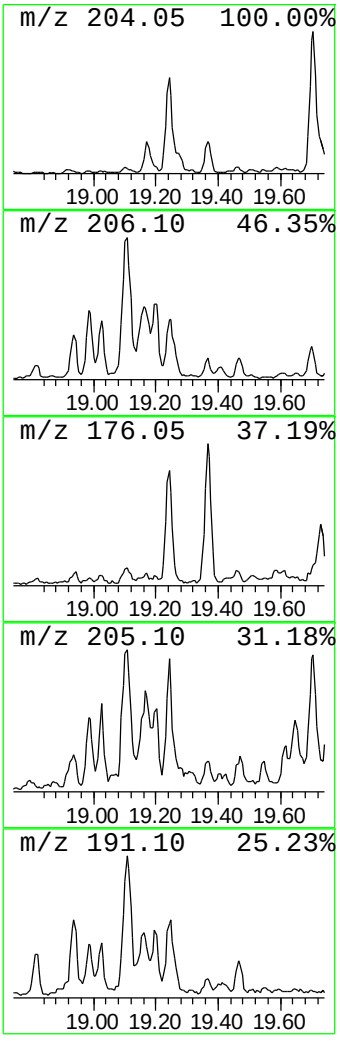
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	4.40 ng/ul	323355	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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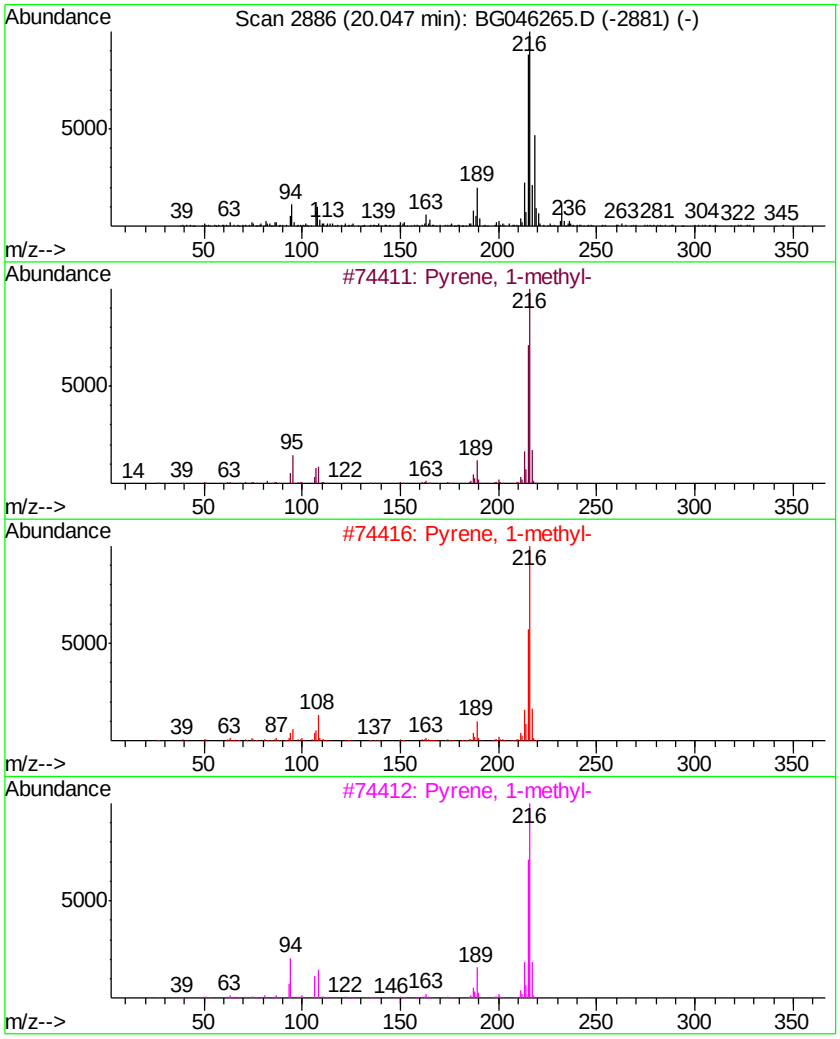
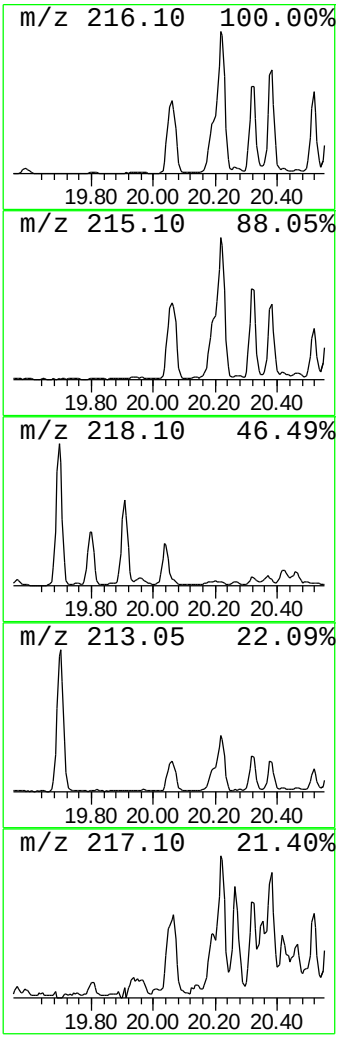
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.21 ng/ul	591515	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





Library Search Compound Report

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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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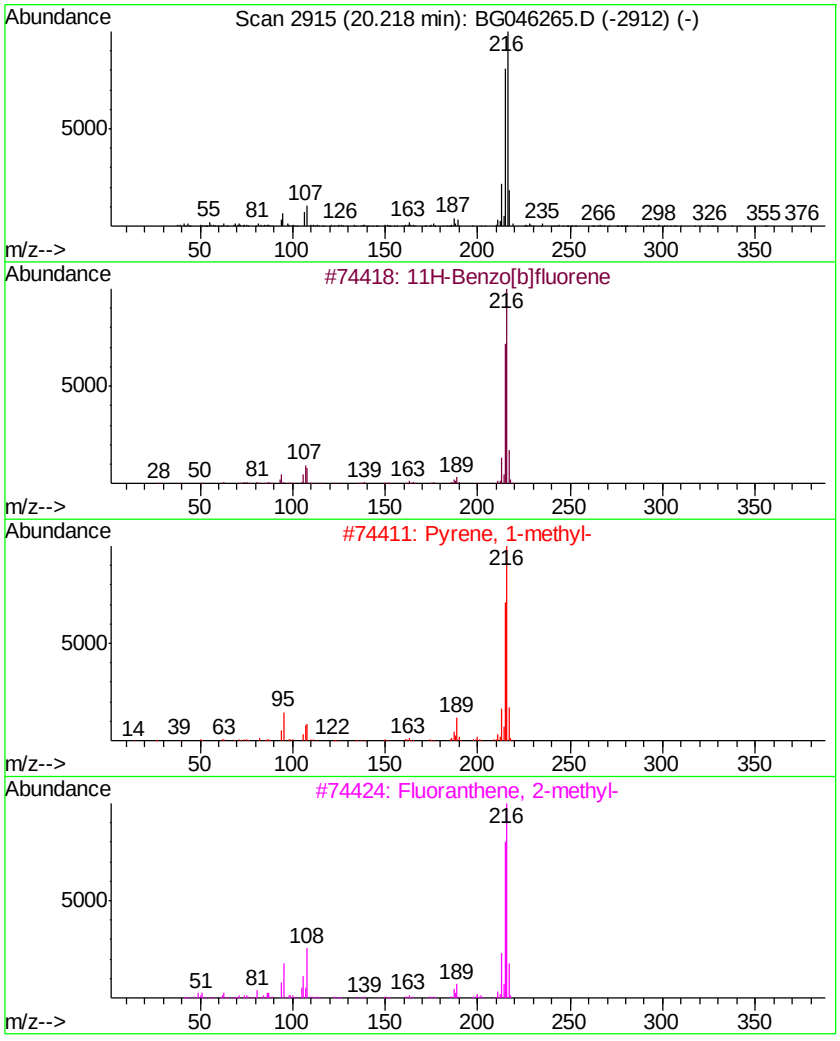
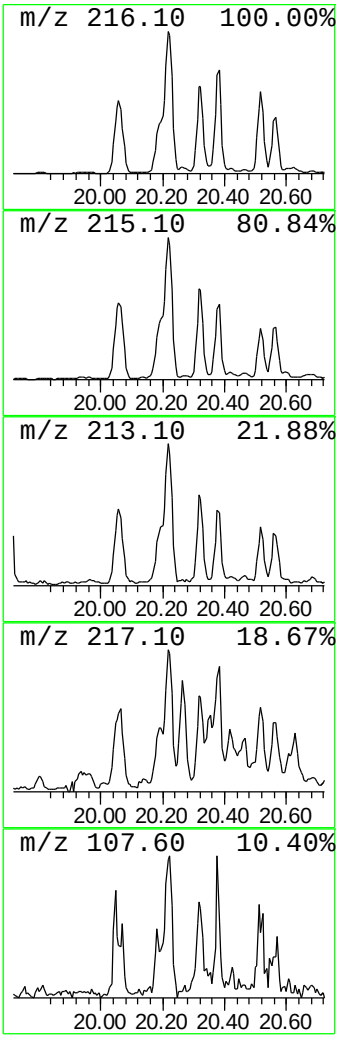
Peak Number 26 11H-Benzo[b]fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.66 ng/ul	489005	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





Library Search Compound Report

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Data File : BG046265.D
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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 27 Pyrene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	3.30 ng/ul	607564	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
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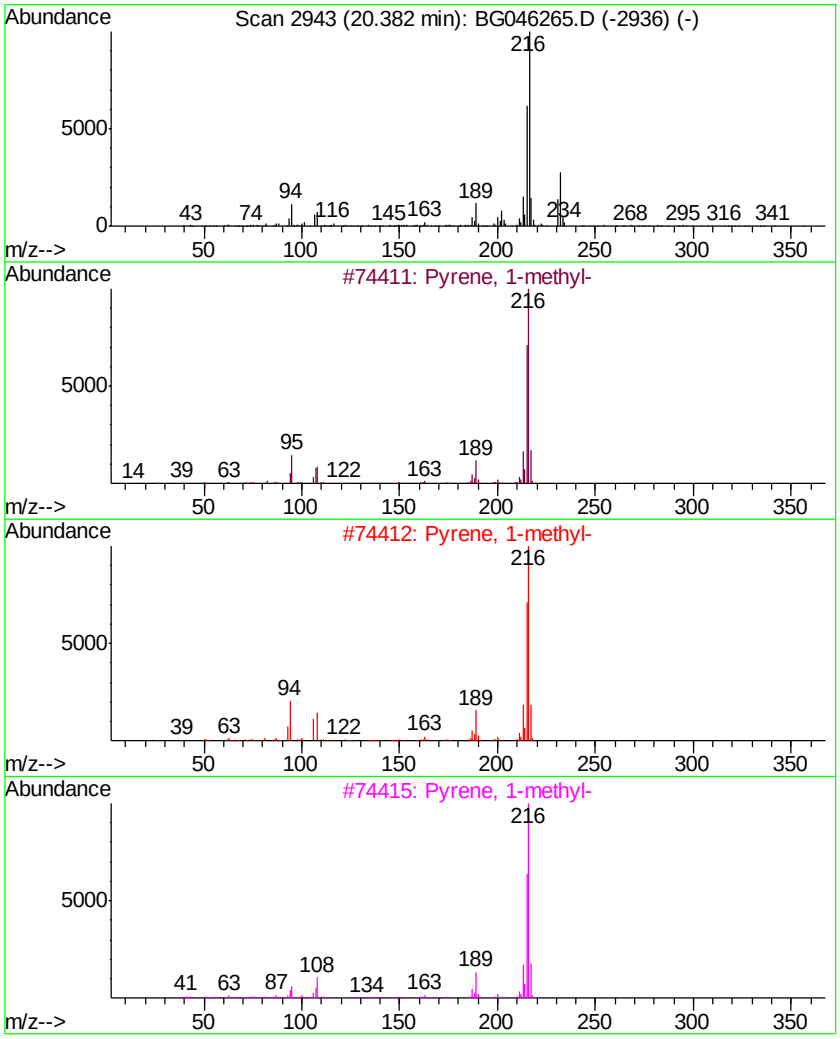

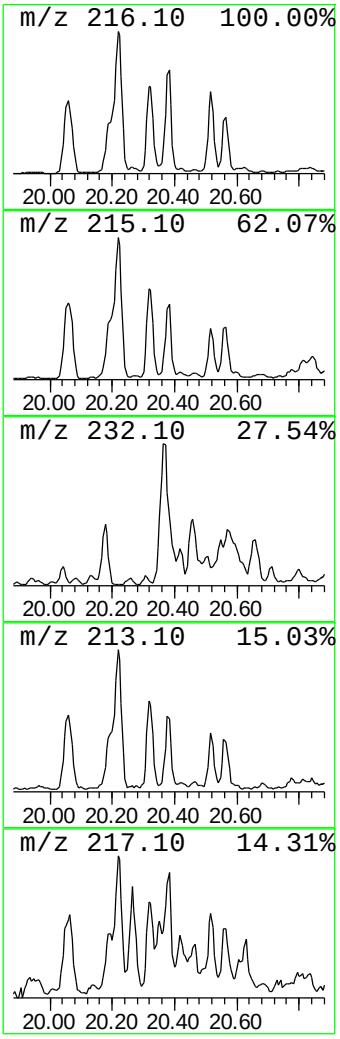

Library Search Compound Report

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Data File : BG046265.D
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Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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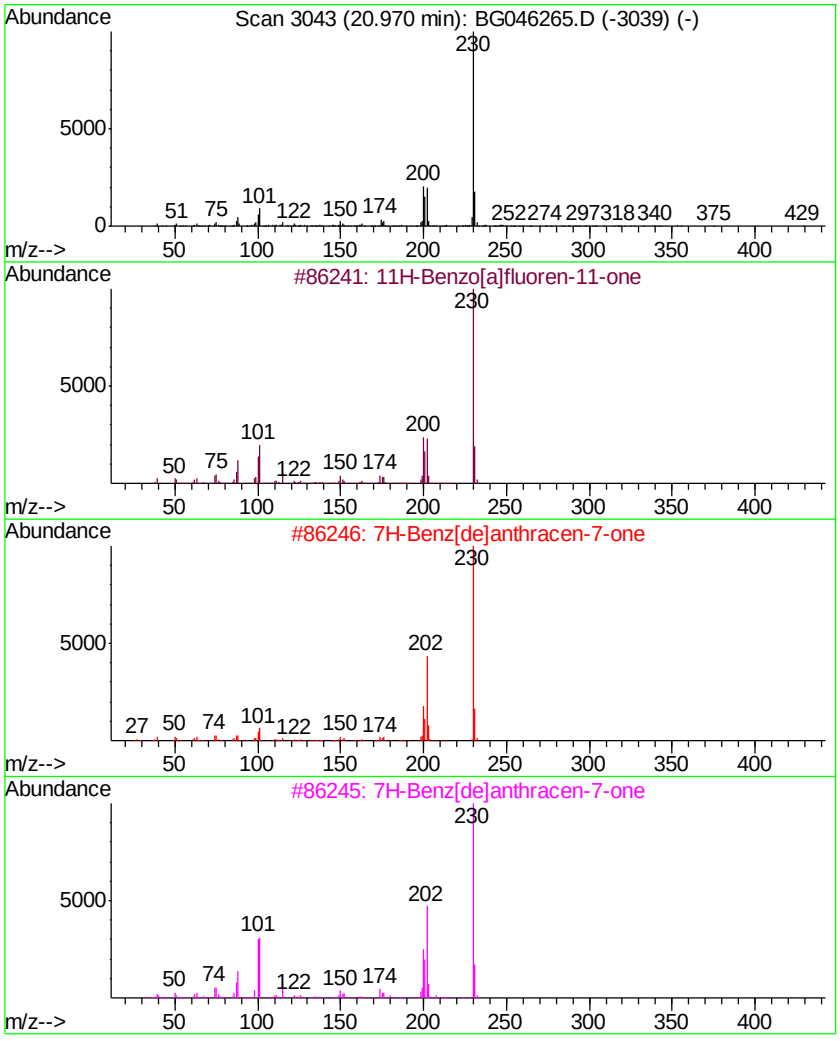
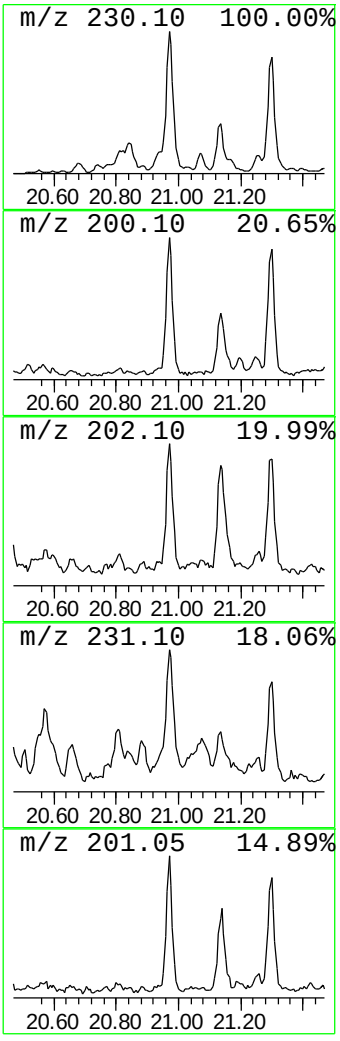
Peak Number 28 11H-Benzo[a]fluoren-11-one Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.46 ng/ul	453379	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





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Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

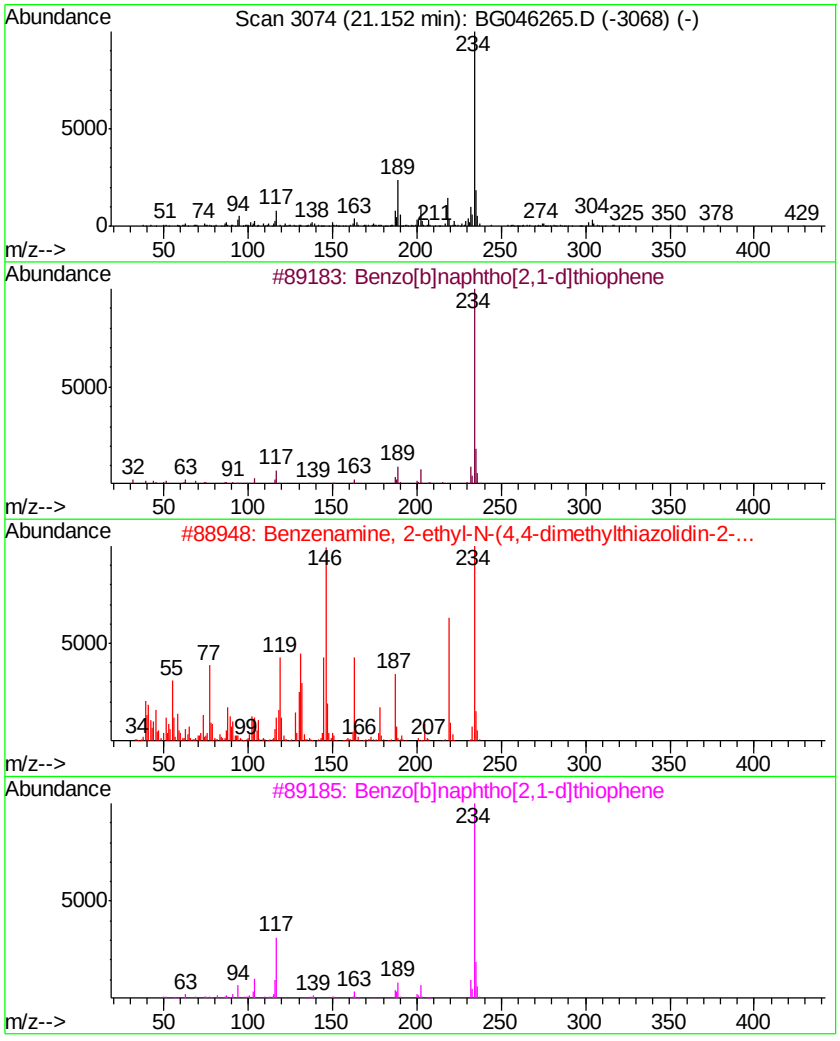
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

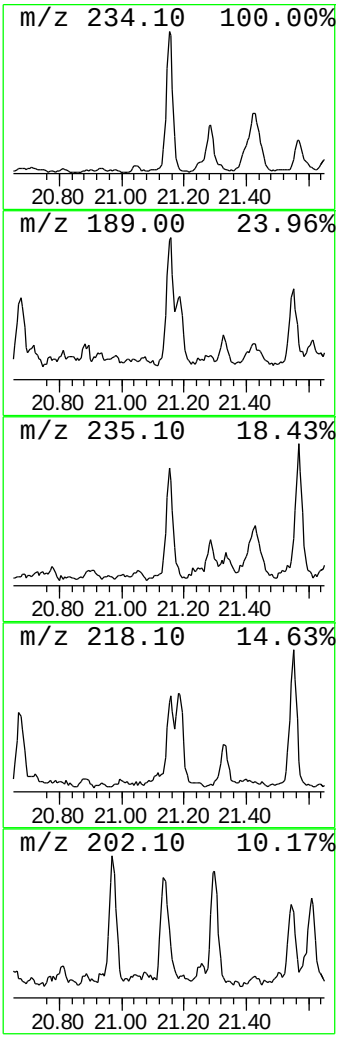
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.26 ng/ul	416615	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	80
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

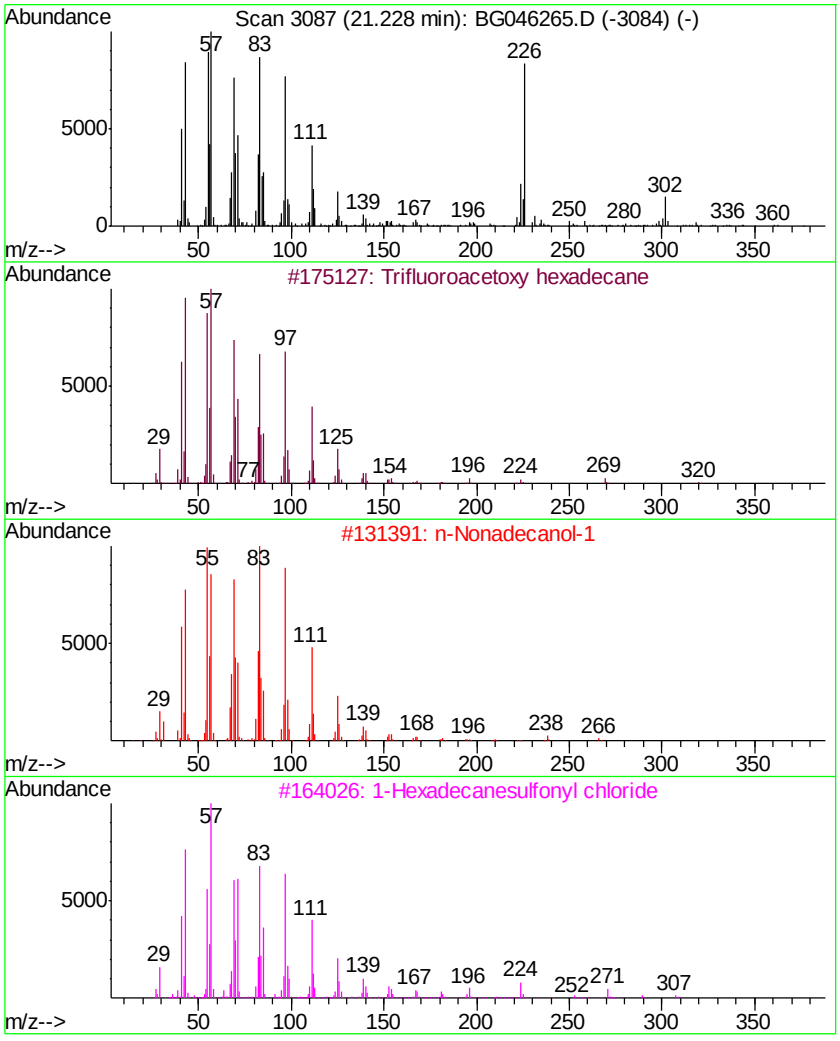
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

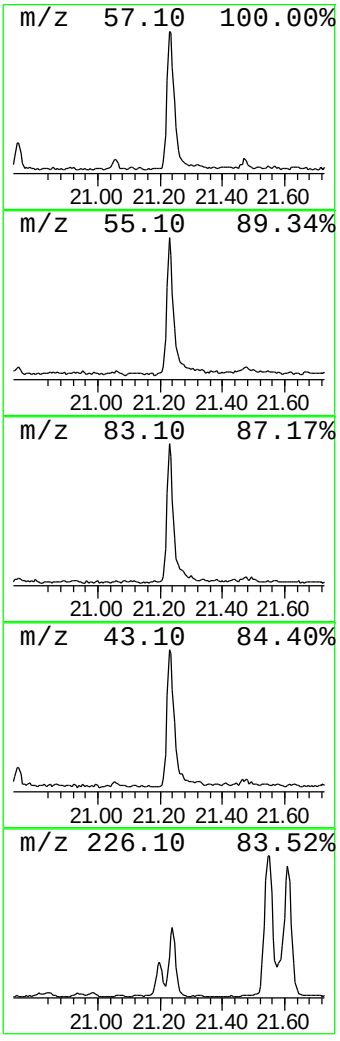
****

Peak Number 30 Trifluoroacetoxy hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	5.06 ng/ul	931582	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	46
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	45
4	Cetene	224	C16H32	000629-73-2	45
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

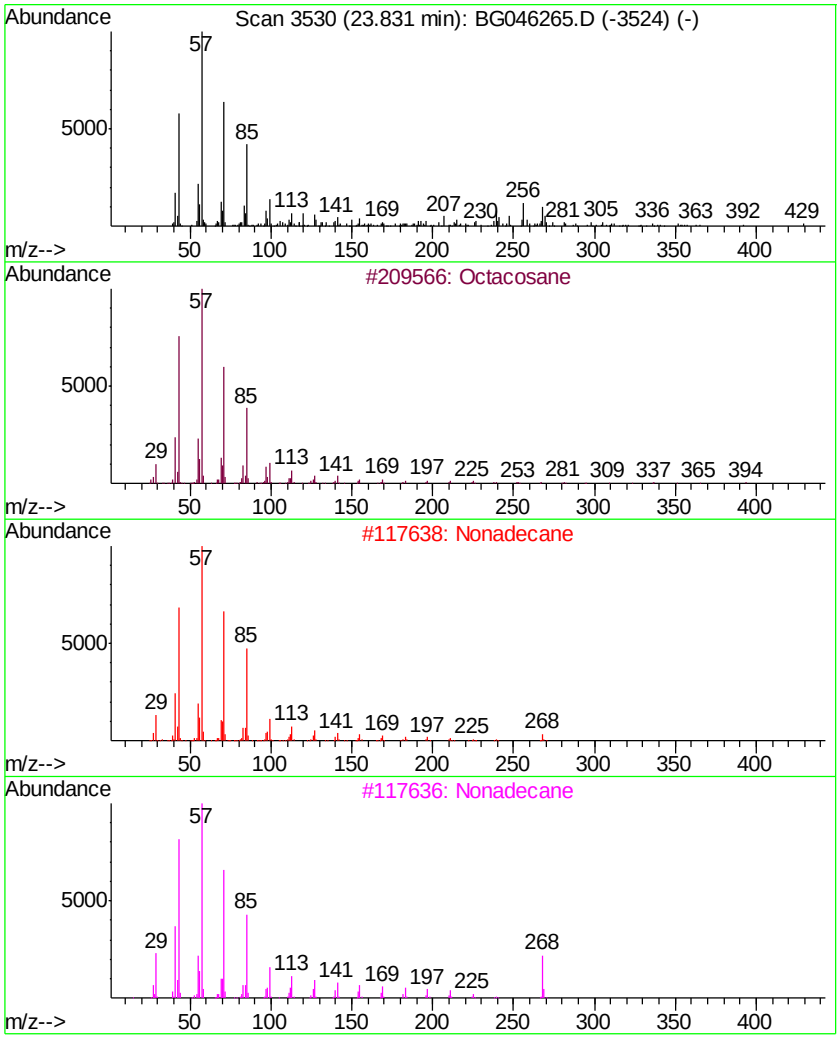
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

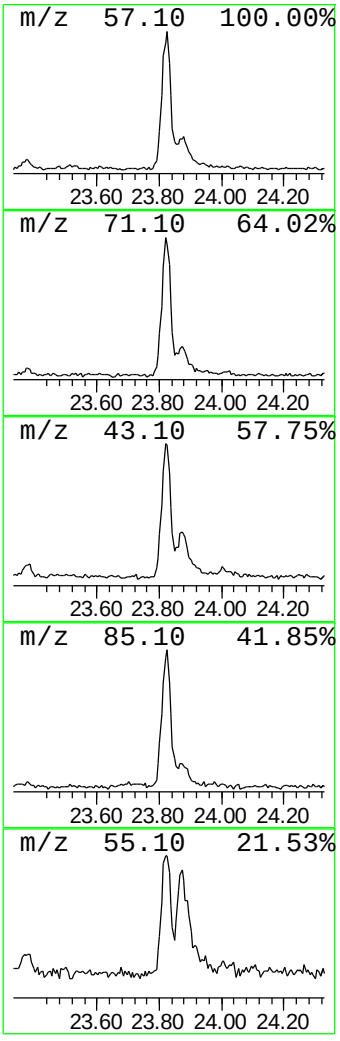
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.51 ng/ul	194876	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	76
2	Nonadecane	268	C19H40	000629-92-5	76
3	Nonadecane	268	C19H40	000629-92-5	76
4	Tetracosane	338	C24H50	000646-31-1	70
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046265.D
Acq On : 14 Aug 2020 2:26
Operator : CG/JU
Sample : L3629-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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...	3.17	111.8	ng/ul	3501030	1	7.95	626528	20.0
4H-Imidazol-4-one...	7.12	13.2	ng/ul	412892	1	7.95	626528	20.0
unknown-01	7.28	10.3	ng/ul	321389	1	7.95	626528	20.0
unknown-02	7.49	13.1	ng/ul	410673	1	7.95	626528	20.0
Silane, dichlorom...	8.65	16.2	ng/ul	506705	1	7.95	626528	20.0
unknown-03	9.10	12.4	ng/ul	389548	1	7.95	626528	20.0
unknown-04	9.82	7.1	ng/ul	324037	2	10.75	907360	20.0
unknown-05	10.88	8.8	ng/ul	398400	2	10.75	907360	20.0
unknown-06	13.98	13.5	ng/ul	854217	3	14.58	1263240	20.0
unknown-07	14.77	4.7	ng/ul	298496	3	14.58	1263240	20.0
Dibenzofuran	14.97	2.2	ng/ul	137043	3	14.58	1263240	20.0
unknown-08	15.68	4.3	ng/ul	274812	3	14.58	1263240	20.0
9H-Fluoren-9-one	16.97	2.2	ng/ul	162521	4	17.32	1468840	20.0
5H-Indeno[1,2-b]p...	17.71	3.1	ng/ul	225667	4	17.32	1468840	20.0
Phenanthrene, 1-m...	18.19	5.7	ng/ul	418349	4	17.32	1468840	20.0
Anthracene, 9-met...	18.24	9.4	ng/ul	687202	4	17.32	1468840	20.0
Phenanthrene, 2-m...	18.32	2.6	ng/ul	191172	4	17.32	1468840	20.0
4H-Cyclopenta[def...	18.38	7.5	ng/ul	549865	4	17.32	1468840	20.0
1H-Indene, 1-phenyl-	18.42	3.2	ng/ul	233205	4	17.32	1468840	20.0
Naphthalene, 2-ph...	18.69	3.4	ng/ul	250909	4	17.32	1468840	20.0
9,10-Anthracenedione	18.73	3.1	ng/ul	229792	4	17.32	1468840	20.0
Phenanthrene, 2,3...	19.11	5.4	ng/ul	397960	4	17.32	1468840	20.0
unknown-09	19.17	3.2	ng/ul	237427	4	17.32	1468840	20.0
Cyclopenta(def)ph...	19.24	4.4	ng/ul	323355	4	17.32	1468840	20.0
Pyrene, 1-methyl-	20.05	3.2	ng/ul	591515	5	21.56	3681560	20.0
11H-Benzo[b]fluorene	20.22	2.7	ng/ul	489005	5	21.56	3681560	20.0
Pyrene, 4-methyl-	20.38	3.3	ng/ul	607564	5	21.56	3681560	20.0
11H-Benzo[a]fluor...	20.97	2.5	ng/ul	453379	5	21.56	3681560	20.0
Benzo[b]naphtho[2...	21.15	2.3	ng/ul	416615	5	21.56	3681560	20.0
Trifluoroacetoxy ...	21.23	5.1	ng/ul	931582	5	21.56	3681560	20.0
(DEL) Alkane: Str...	23.83	2.5	ng/ul	194876	6	24.68	1553010	20.0