LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

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-BG021321MA.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	3.525	27	32	36	rBV3	6290	8955	0.30%	0.049%
2	3.877	87	92	100	rVB6	4023	7427	0.25%	0.041%
3	4.060	117	123	127	rBV4	4595	8126	0.27%	0.045%
4	4.177	138	143	148	rBV5	4726	7266	0.24%	0.040%
5	4.277	153	160	167	rVB	36945	62076	2.09%	0.340%
6	5.211	314	319	320	rBV3	2817	3863	0.13%	0.021%
7	6.098	466	470	473	rBV2	1886	3890	0.13%	0.021%
8	7.091	633	639	644	rVB5	4756	8515	0.29%	0.047%
9	7.185	651	655	661	rBV5	3294	5743	0.19%	0.031%
10	7.262	663	668	674	rVV2	17252	33146	1.11%	0.182%
11	7.332	674	680	692	rVV	142366	261887	8.80%	1.435%
12	7.444	692	699	707	rVV	88263	150565	5.06%	0.825%
13	7.514	709	711	719	rVB4	4666	6712	0.23%	0.037%
14	7.673	730	738	743	rBV	134665	237476	7.98%	1.301%
15	7.720	743	746	752	rVB	18640	27389	0.92%	0.150%
16	8.119	804	814	822	rVB	151004	257102	8.64%	1.409%
17	8.249	830	836	844	rVB	28115	47780	1.61%	0.262%
18	8.325	844	849	854	rBV4	10911	17649	0.59%	0.097%
19	8.390	856	860	862	rVV2	2418	3182	0.11%	0.017%
20	8.419	862	865	872	rVB4	6688	9707	0.33%	0.053%
21	8.872	935	942	951	rBV	163820	288708	9.70%	1.582%
22	8.954	953	956	962	rVB	9602	14732	0.50%	0.081%
23	9.230	999	1003	1008	rBV4	7506	12383	0.42%	0.068%
24	9.295	1008	1014	1021	rVV	128514	227067	7.63%	1.244%
25	9.365	1021	1026	1034	rVB6	5782	10859	0.37%	0.059%
26	9.659	1073	1076	1080	rBV2	3333	3183	0.11%	0.017%
27	9.853	1101	1109	1117	rVB5	13004	23665	0.80%	0.130%
28	10.023	1129	1138	1147	rBV	125252	230190	7.74%	1.261%
29	10.270	1174	1180	1189	rBV7	15488	37752	1.27%	0.207%
30	10.346	1189	1193	1199	rVV5	10381	18057	0.61%	0.099%
31	10.587	1225	1234	1242	rVV	176039	327699	11.02%	1.795%
32	10.716	1249	1256	1263	rBV2	37564	72402	2.43%	0.397%
33	10.846	1275	1278	1283	rBV6	2526	4206	0.14%	0.023%
34	10.940	1287	1294	1300	rVV	187683	340932	11.46%	1.868%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

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-BG021321MA.M
Title : SVOA CALIBRATION

35	10.993	1300	1303	1309	rVB3	13032	21049	0.71%	0.115%
36	11.092	1313	1320	1333	rBV2	36758	83064	2.79%	0.455%
37	11.486	1381	1387	1390	rBV5	4302	6918	0.23%	0.038%
38	11.774	1432	1436	1441	rVB5	4116	8642	0.29%	0.047%
39	11.939	1457	1464	1469	rBV5	5402	10008	0.34%	0.055%
40	12.097	1484	1491	1494	rBV5	5820	8879	0.30%	0.049%
41	12.508	1559	1561	1565	rVB4	2539	3303	0.11%	0.018%
42	12.667	1582	1588	1594	rVB4	15139	25486	0.86%	0.140%
43	12.761	1601	1604	1608	rBV5	4087	6359	0.21%	0.035%
44	12.873	1619	1623	1624	rBV3	3006	4051	0.14%	0.022%
45	12.937	1629	1634	1636	rBV4	7299	9282	0.31%	0.051%
46	13.043	1646	1652	1653	rBV3	7918	12332	0.41%	0.068%
47	13.096	1659	1661	1666	rVB5	5386	7234	0.24%	0.040%
48	13.237	1681	1685	1687	rBV4	6170	9299	0.31%	0.051%
49	13.325	1698	1700	1702	rBV3	4833	4736	0.16%	0.026%
50	13.360	1702	1706	1708	rVV3	5426	8105	0.27%	0.044%
51	13.407	1711	1714	1719	rVB6	7490	11990	0.40%	0.066%
52	13.472	1719	1725	1731	rBV7	22137	47015	1.58%	0.258%
53	13.531	1731	1735	1739	rBV6	4771	6226	0.21%	0.034%
54	13.572	1739	1742	1743	rBV3	5556	5211	0.18%	0.029%
55	13.689	1757	1762	1769	rVB2	26194	45296	1.52%	0.248%
56	13.825	1778	1785	1792	rVB5	36959	65434	2.20%	0.358%
57	13.895	1792	1797	1799	rBV6	4317	6686	0.22%	0.037%
58	13.971	1805	1810	1813	rBV6	5267	9807	0.33%	0.054%
59	14.018	1815	1818	1822	rBV6	6020	8534	0.29%	0.047%
60	14.065	1824	1826	1830	rBV5	6643	9568	0.32%	0.052%
61	14.154	1836	1841	1846	rBV	279385	421123	14.16%	2.307%
62	14.201	1846	1849	1854	rVV	172082	232325	7.81%	1.273%
63	14.248	1854	1857	1863	rVB8	8988	13200	0.44%	0.072%
64	14.324	1867	1870	1871	rBV3	3241	3261	0.11%	0.018%
65	14.371	1876	1878	1881	rVB4	5139	5198	0.17%	0.028%
66	14.447	1881	1891	1903	rBV	320963	550239	18.50%	3.014%
67	14.571	1910	1912	1915	rVB4	4625	5065	0.17%	0.028%
68	14.618	1915	1920	1925	rVB4	10104	19075	0.64%	0.105%
69	14.747	1936	1942	1949	rBV	296999	484746	16.29%	2.656%
70	15.029	1984	1990	1996	rBV2	133936	218916	7.36%	1.199%
71	15.135	2004	2008	2011	rBV3	24784	33848	1.14%	0.185%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1412-18
Misc :
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Instrument : BNA_G
ClientSampleId : DBGY3

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

72	15.458	2061	2063	2064	rBV2	7328	3617	0.12%	0.020%
73	15.523	2071	2074	2077	rBV2	24222	33139	1.11%	0.182%
74	15.740	2105	2111	2118	rBV	400676	610533	20.52%	3.345%
75	15.875	2129	2134	2140	rVB	122250	182020	6.12%	0.997%
76	16.116	2173	2175	2181	rVB5	17618	23190	0.78%	0.127%
77	16.903	2305	2309	2317	rVB3	66314	109133	3.67%	0.598%
78	17.244	2364	2367	2372	rVB6	34536	40483	1.36%	0.222%
79	17.497	2405	2410	2415	rBV	360893	532594	17.90%	2.918%
80	17.597	2422	2427	2438	rBV2	400954	656418	22.07%	3.596%
81	18.595	2594	2597	2605	rVB6	82081	130417	4.38%	0.714%
82	18.766	2622	2626	2630	rBV2	250017	340319	11.44%	1.864%
83	18.813	2631	2634	2637	rVB2	48826	60802	2.04%	0.333%
84	18.948	2653	2657	2661	rVB	232885	288841	9.71%	1.582%
85	19.089	2677	2681	2687	rVB	372692	479125	16.11%	2.625%
86	19.165	2692	2694	2698	rVB2	84871	98782	3.32%	0.541%
87	19.283	2711	2714	2717	rBV3	76533	91627	3.08%	0.502%
88	19.318	2717	2720	2724	rVB	115483	138244	4.65%	0.757%
89	19.582	2762	2765	2770	rVB2	205315	259905	8.74%	1.424%
90	19.876	2811	2815	2819	rBV2	529797	849944	28.57%	4.656%
91	20.246	2873	2878	2883	rVB	1569583	1839744	61.84%	10.079%
92	20.311	2885	2889	2894	rVB	174607	234504	7.88%	1.285%
93	20.523	2921	2925	2930	rBV	571579	688020	23.13%	3.769%
94	20.652	2942	2947	2953	rVB	2317199	2974841	100.00%	16.297%
95	20.740	2958	2962	2967	rVB	366955	454975	15.29%	2.493%
96	20.828	2974	2977	2982	rVB	414269	576376	19.38%	3.158%
97	21.533	3092	3097	3102	rBV3	483699	763223	25.66%	4.181%
98	21.786	3136	3140	3145	rVB2	345454	580925	19.53%	3.183%

Sum of corrected areas: 18253542

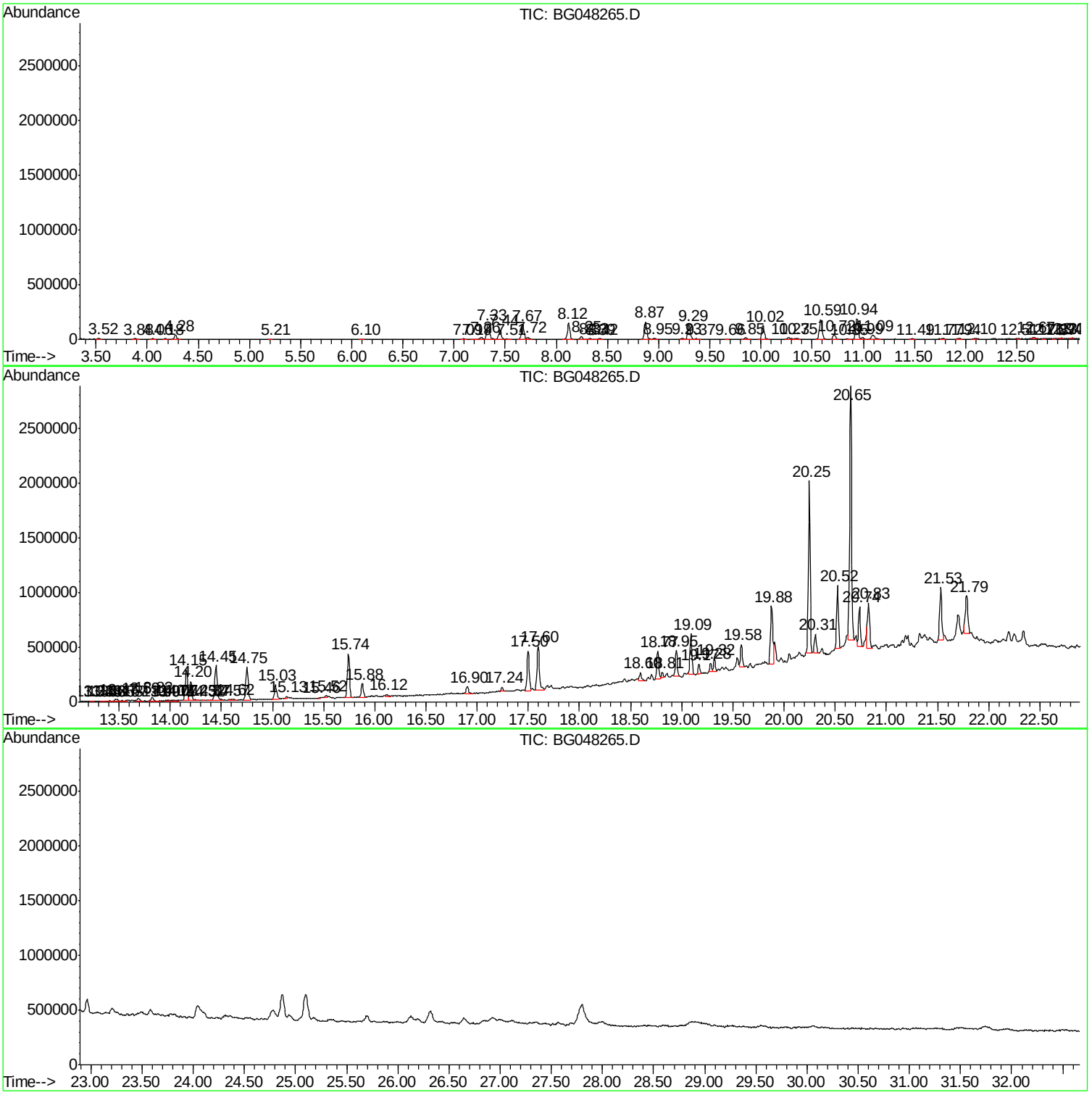
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

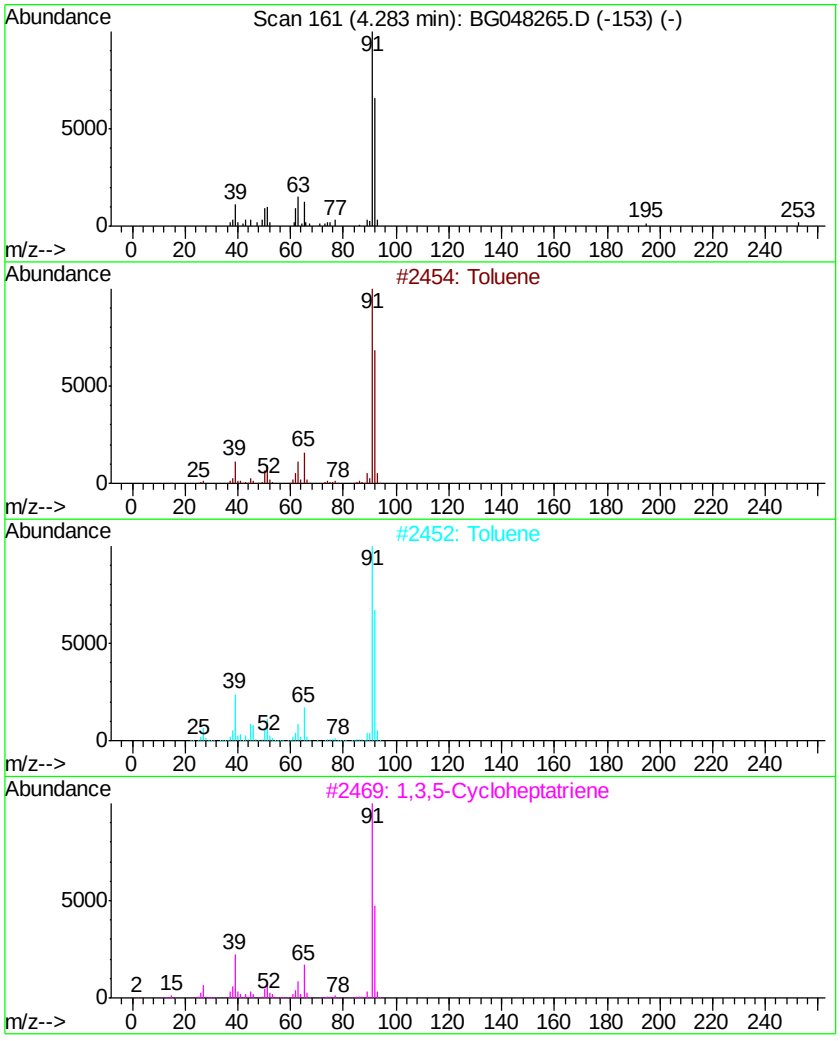
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

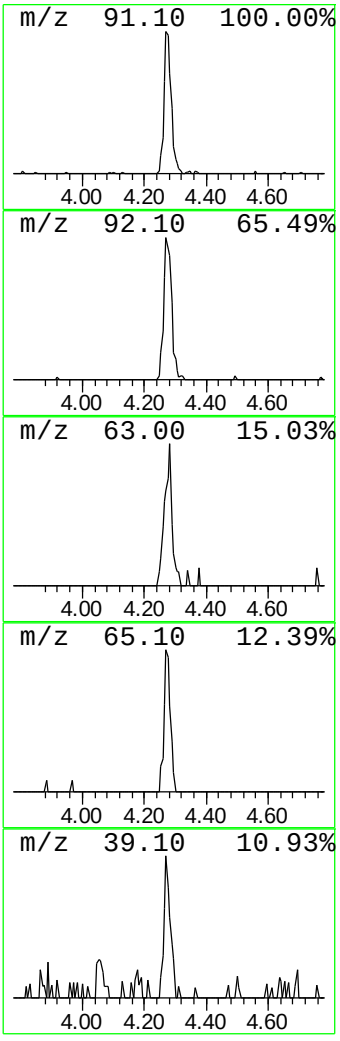
****

Peak Number 1 Toluene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	4.83 ng/ul	62076	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	Toluene	92	C7H8	000108-88-3	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
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\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

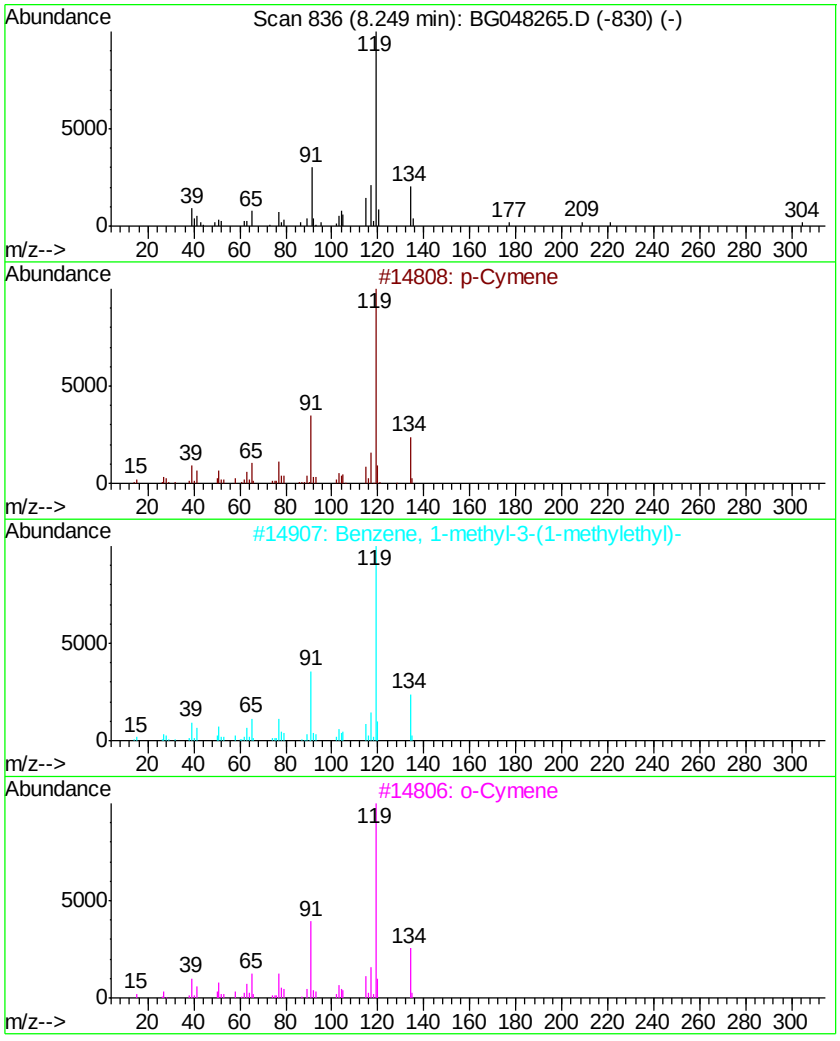
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

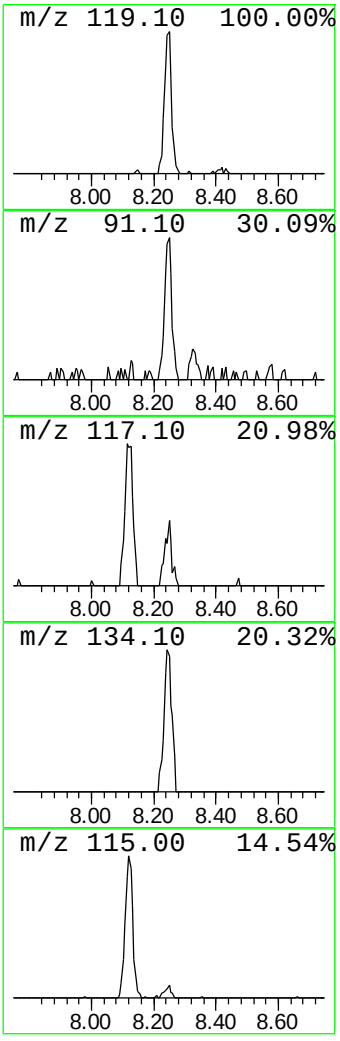
****

Peak Number 2 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	3.72 ng/ul	47780	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	o-Cymene	134	C10H14	000527-84-4	86
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80





Library Search Compound Report

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Data File : BG048265.D
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Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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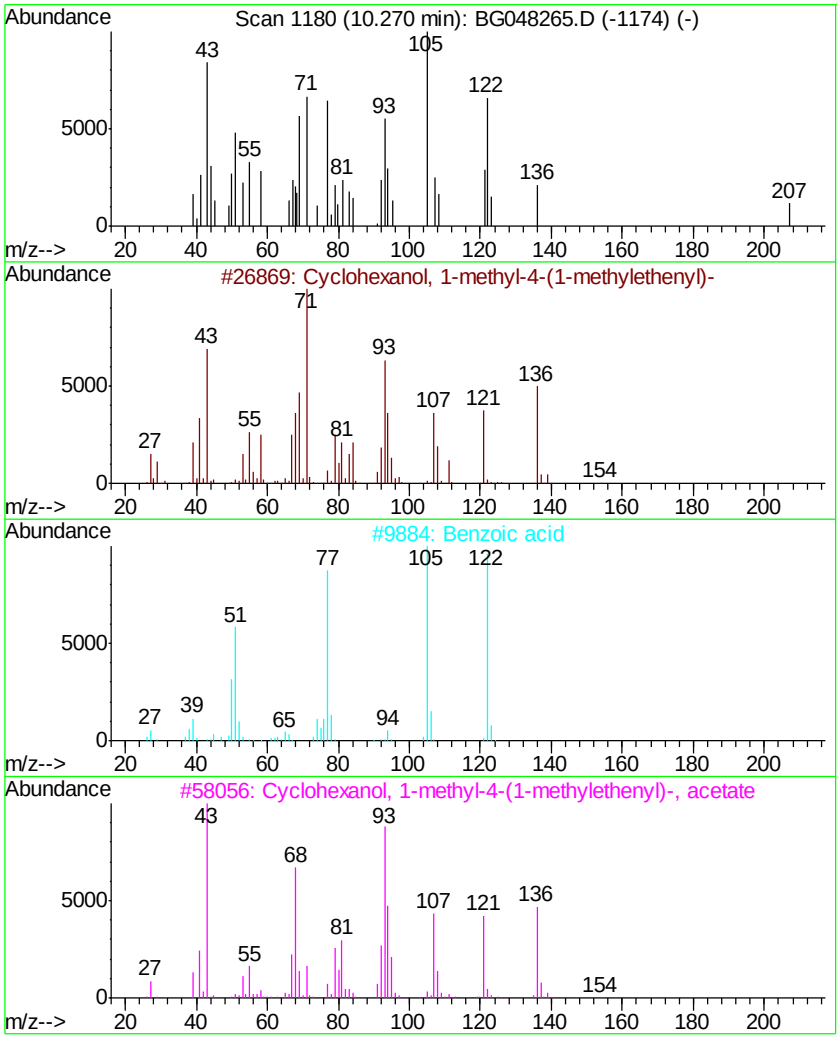
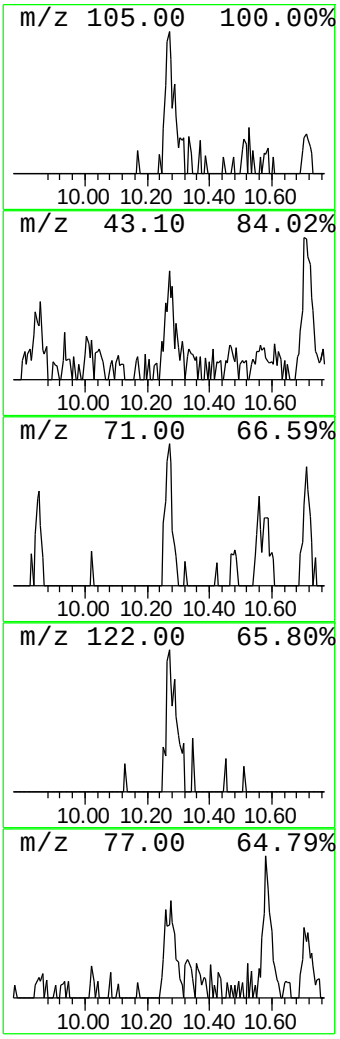
Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.21 ng/ul	37752	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	35
2	Benzoic acid	122	C7H6O2	000065-85-0	30
3	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	27
4	Hexanediamide, N,N'-di-benzoyloxy-	384	C20H20N2O6	1000253-25-5	27
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	25





Library Search Compound Report

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Data File : BG048265.D
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Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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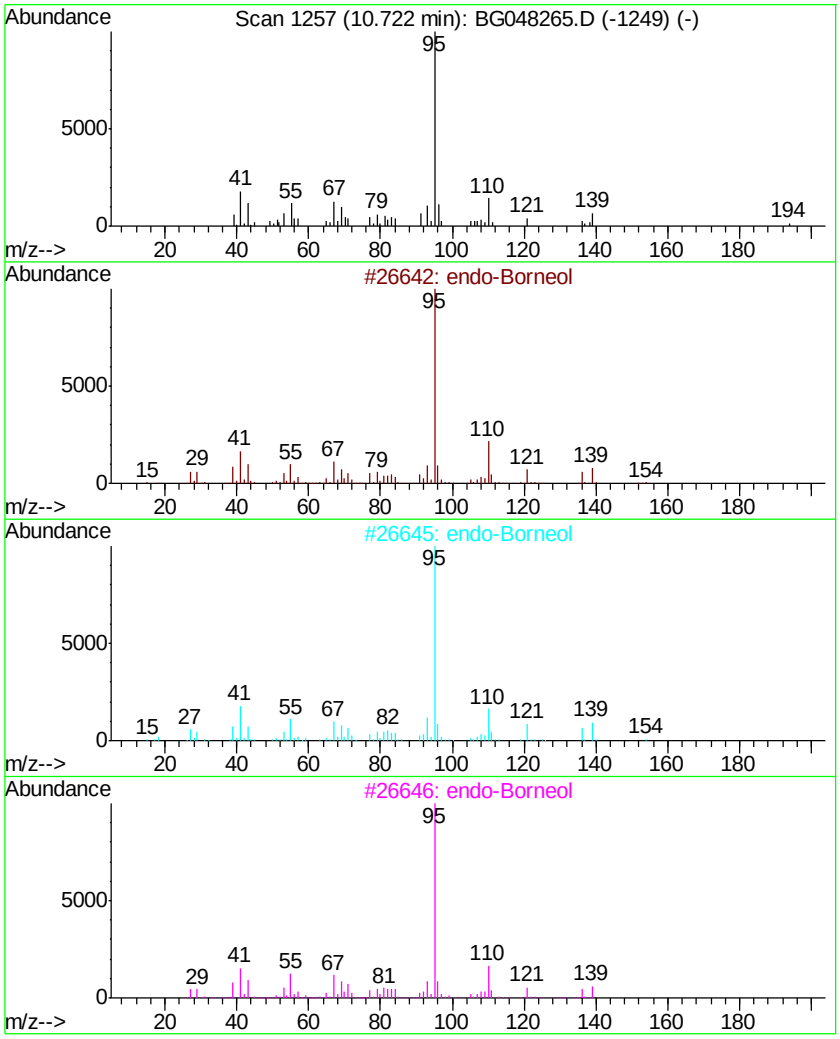
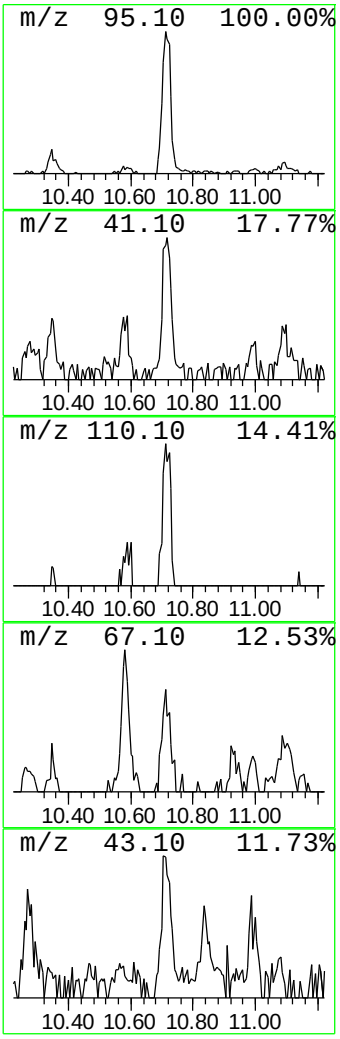
Peak Number 4 endo-Borneol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	4.25 ng/ul	72402	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	90
2	endo-Borneol	154	C10H18O	000507-70-0	90
3	endo-Borneol	154	C10H18O	000507-70-0	86
4	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83
5	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	83





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Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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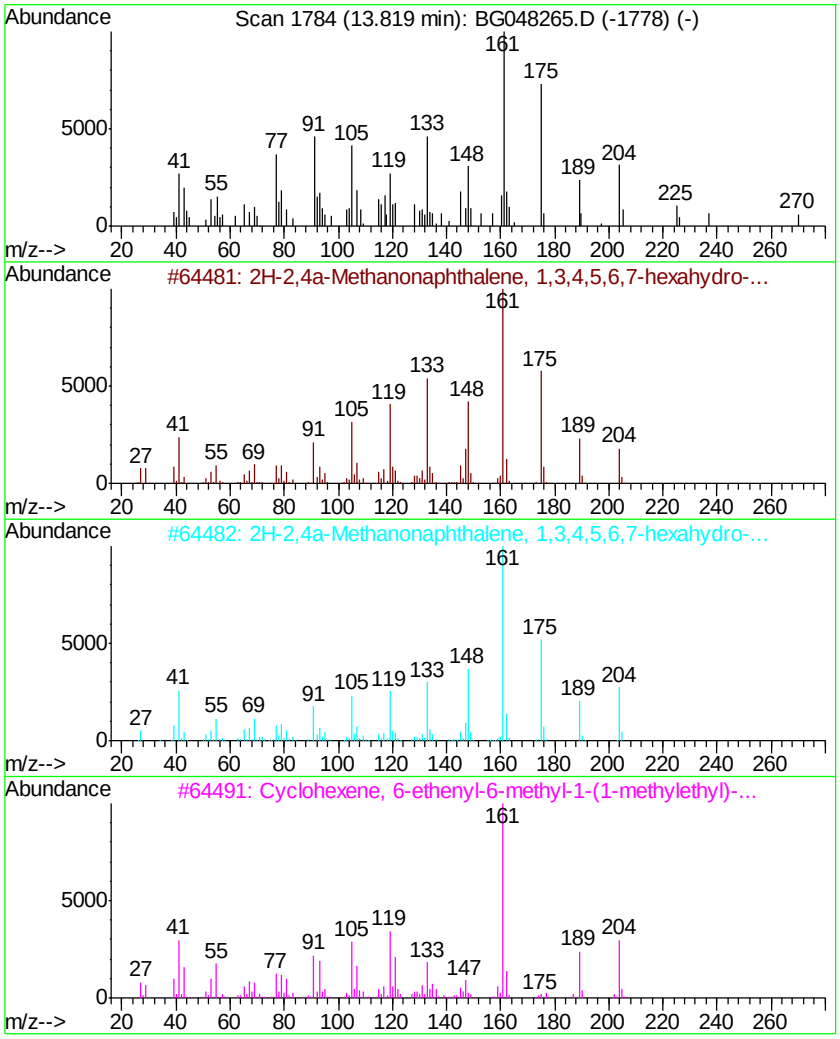
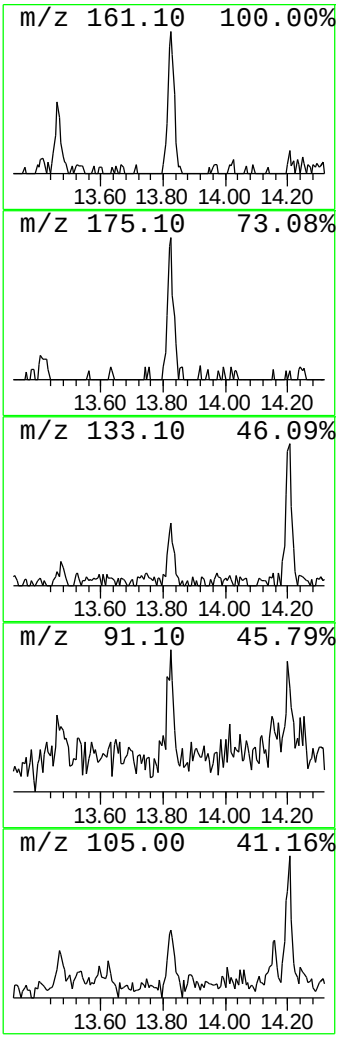
Peak Number 5 2H-2,4a-Methanonaphthalene,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.70 ng/ul	65434	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	90
2	2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	76
3	Cyclohexene, 6-ethenyl-6-methyl-...	204	C15H24	005951-67-7	70
4	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	64
5	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	000523-47-7	55





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Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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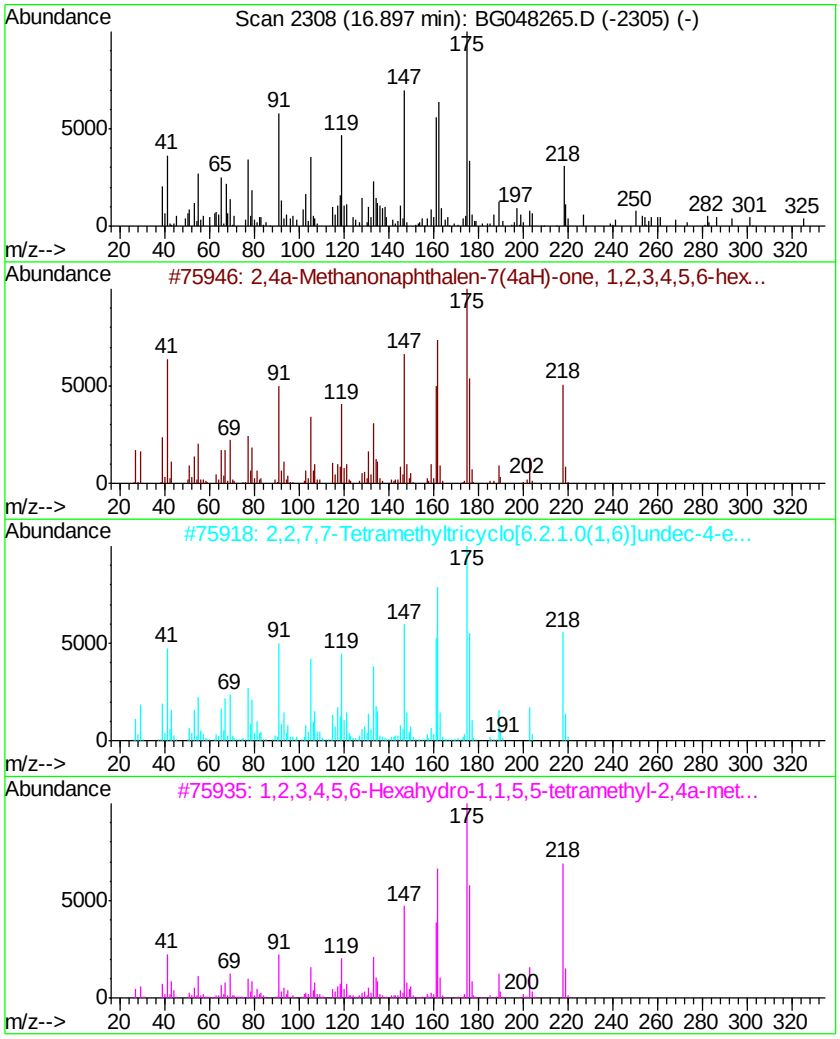
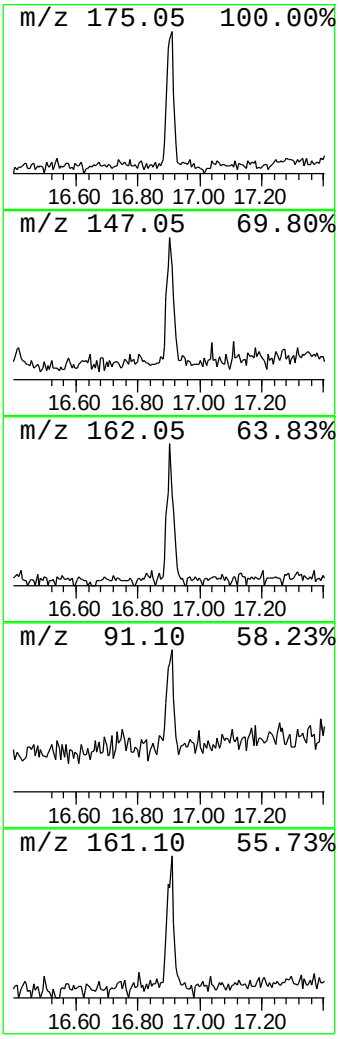
Peak Number 6 2,4a-Methanonaphthalen-7(4a... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	4.10 ng/ul	109133	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a-Methanonaphthalen-7(4aH)-on...	218	C15H22O	026839-52-1	93
2	2,2,7,7-Tetramethyltricyclo[6.2....	218	C15H22O	1000189-49-9	89
3	1,2,3,4,5,6-Hexahydro-1,1,5,5-te...	218	C15H22O	023747-14-0	81
4	5,6-Dimethyl-2-benzimidazolinone	162	C9H10N2O	002033-30-9	41
5	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	27





Library Search Compound Report

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Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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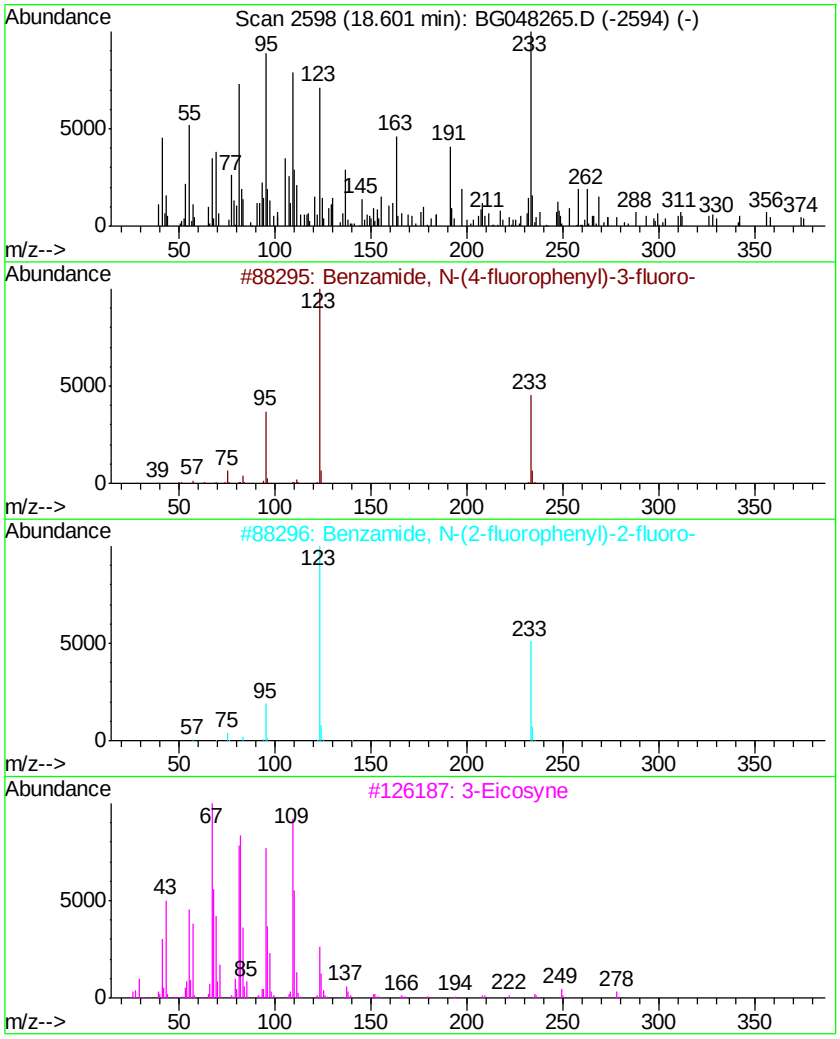
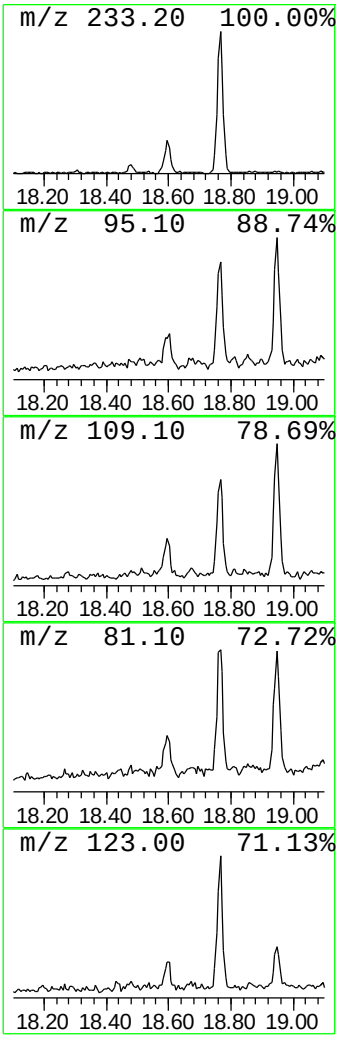
Peak Number 7 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	4.90 ng/ul	130417	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	43
2	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	43
3	3-Eicosyne	278	C20H38	061886-66-6	22
4	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	20
5	2,6-Bis(1,1-dimethylethyl)-4-(1-...	262	C17H26O2	014035-34-8	20





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Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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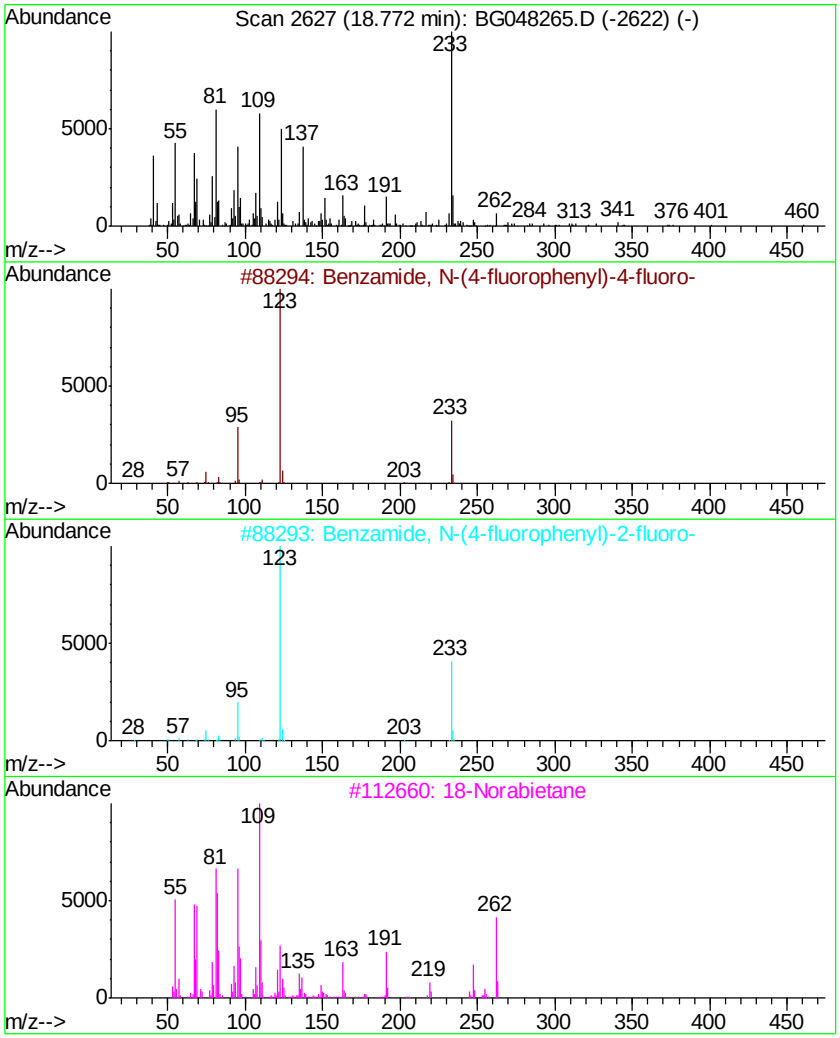
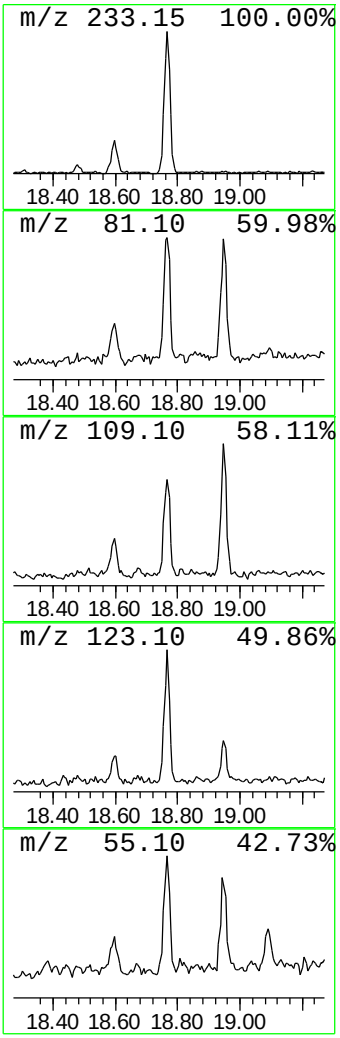
Peak Number 8 Benzamide, N-(4-fluoropheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	12.78 ng/ul	340319	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	53
2	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	46
3	18-Norabietane	262	C19H34	1000293-16-6	46
4	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	46
5	3-Fluorobenzoic acid, 1-cyclopen...	236	C14H17FO2	1000279-04-7	27





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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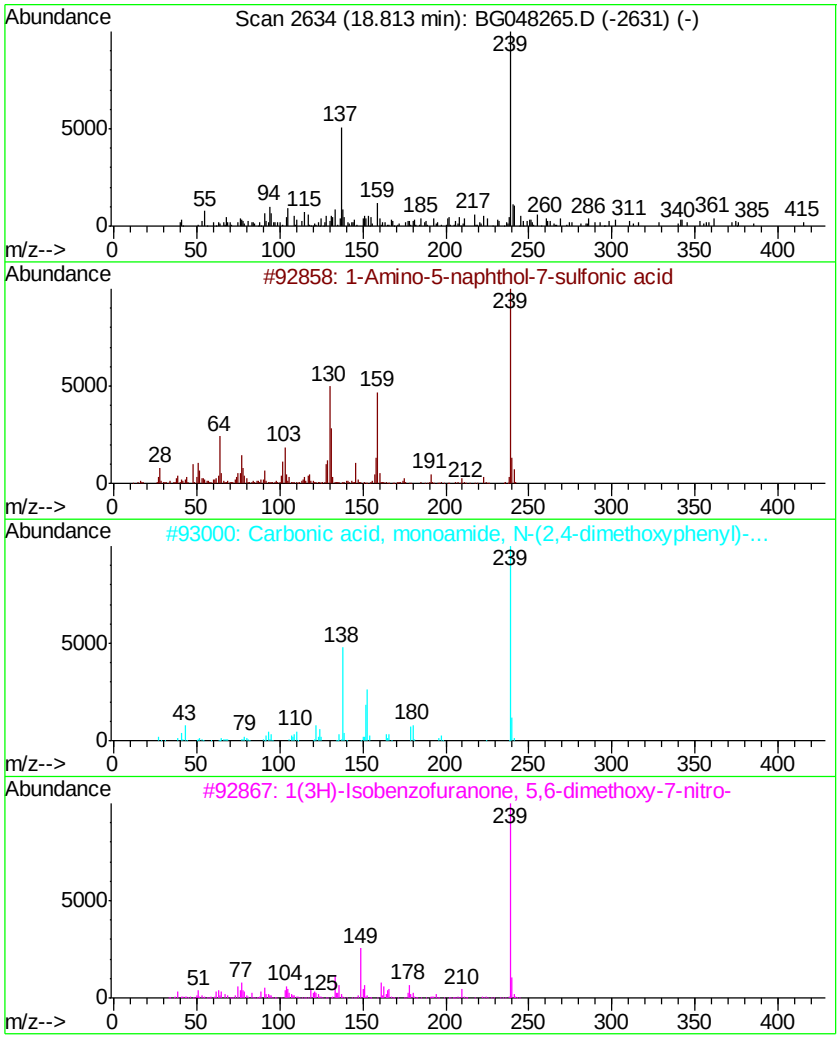
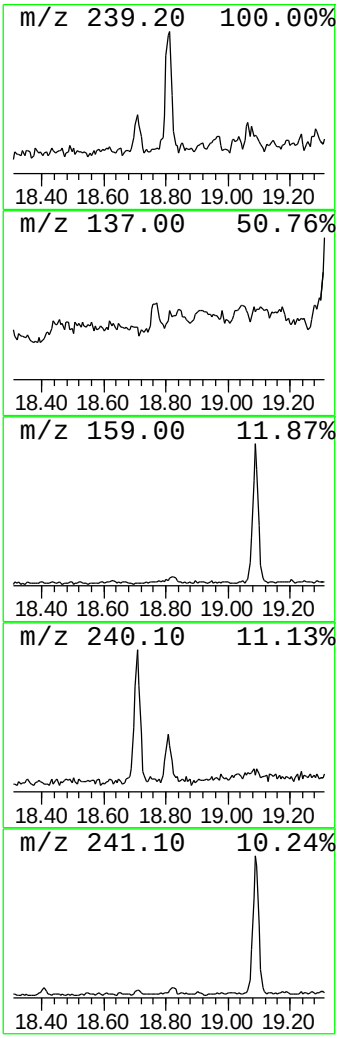
Peak Number 9 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.28 ng/ul	60802	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Amino-5-naphthol-7-sulfonic acid	239	C10H9NO4S	000489-78-1	43
2	Carbonic acid, monoamide, N-(2,4...	239	C12H17NO4	1000340-19-5	43
3	1(3H)-Isobenzofuranone, 5,6-dime...	239	C10H9NO6	1000337-44-0	43
4	2-Cyano-4,4'-dimethoxybiphenyl	239	C15H13NO2	1000342-41-0	43
5	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	43





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ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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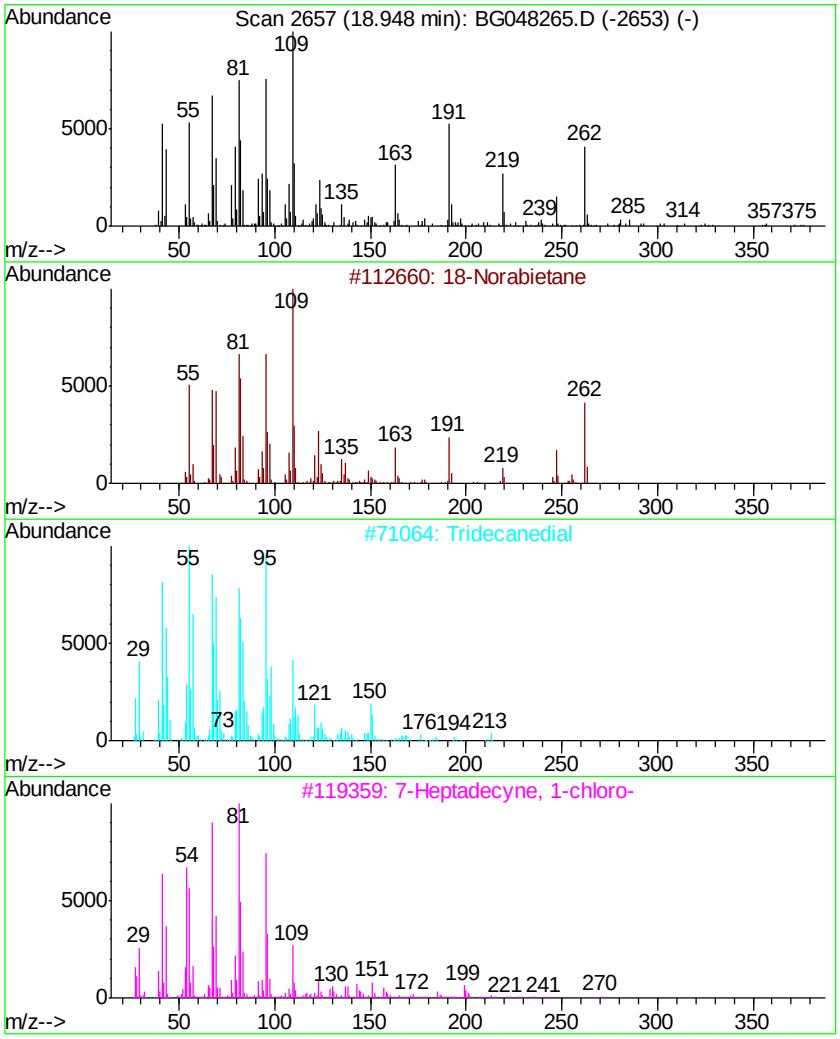
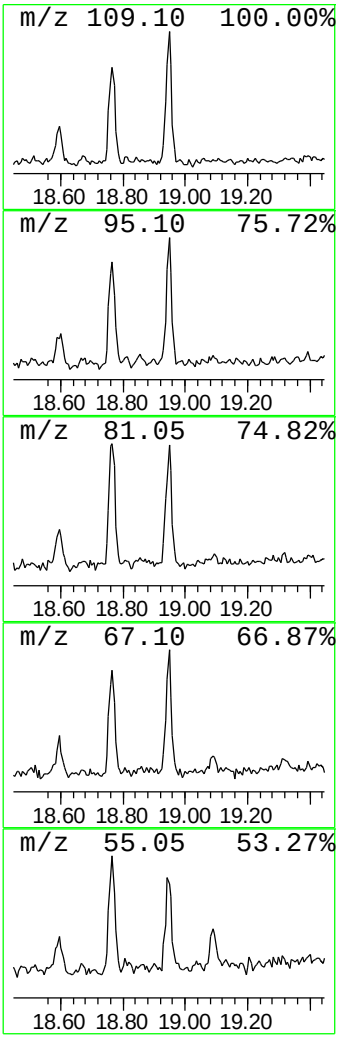
Peak Number 10 18-Norabietane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	10.85 ng/ul	288841	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	86
2	Tridecanedial	212	C13H24O2	063521-76-6	35
3	7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	35
4	9-Octadecyne	250	C18H34	035365-59-4	22
5	6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	22





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Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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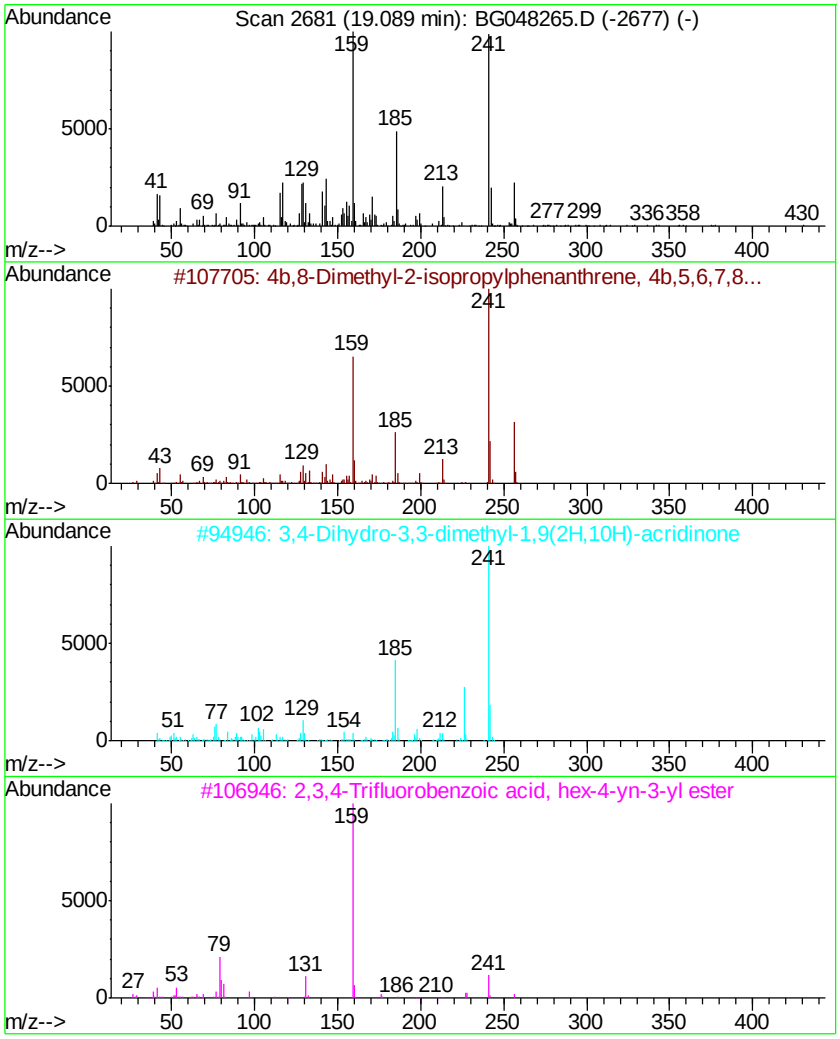
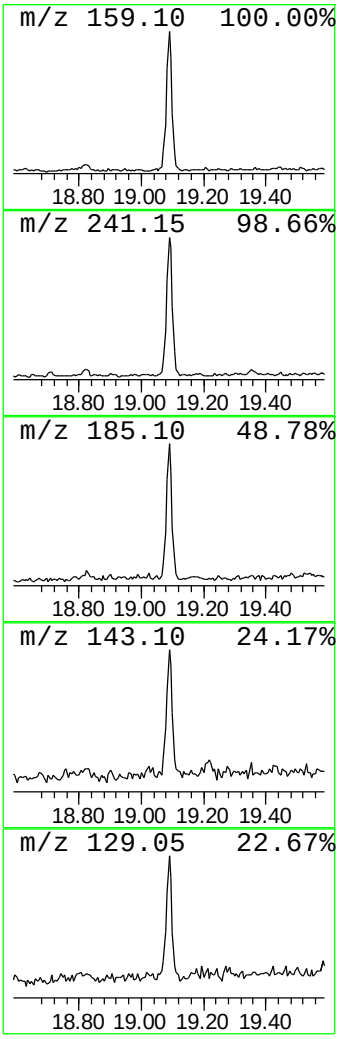
Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	17.99 ng/ul	479125	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	43
3	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	43
4	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	38
5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38





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Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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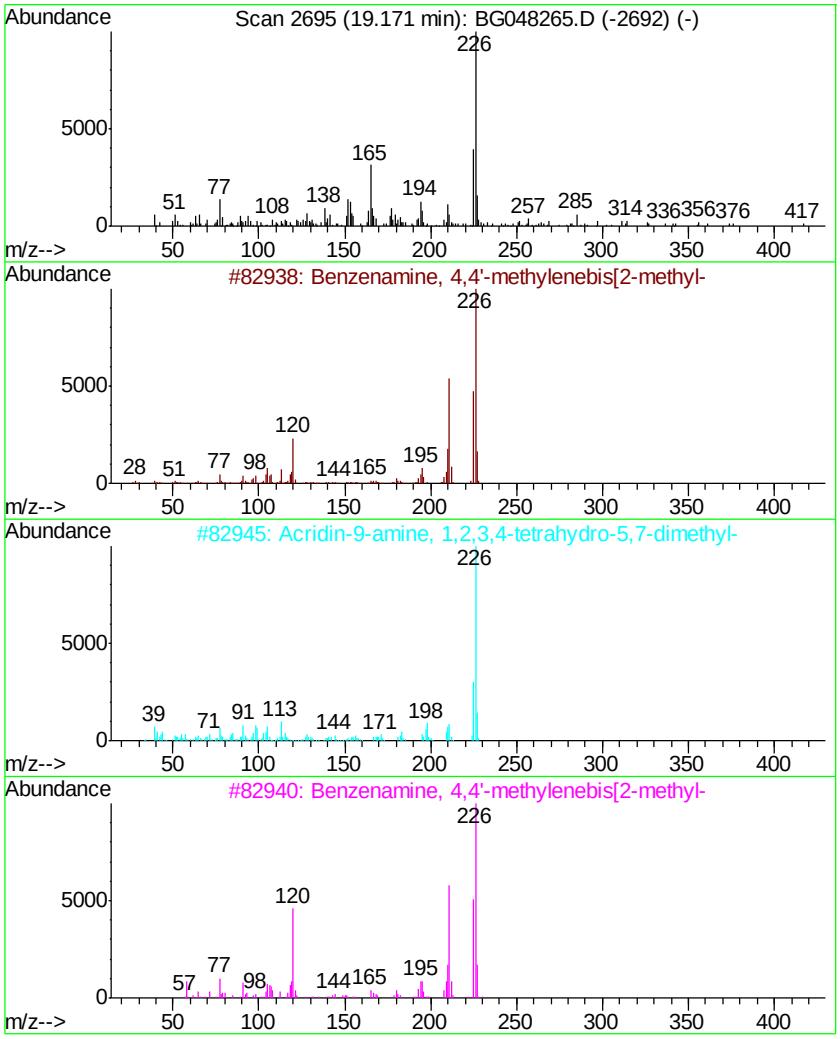
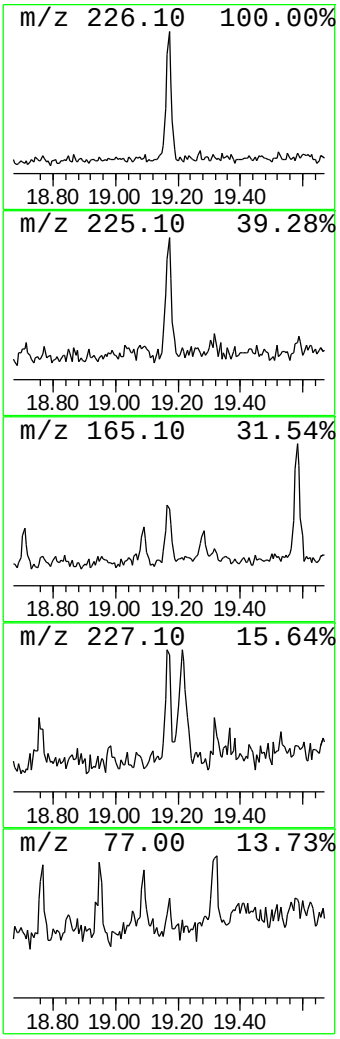
Peak Number 12 Benzenamine, 4,4'-methylene... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.71 ng/ul	98782	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	60
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	53
3	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	49
4	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	49
5	9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	46





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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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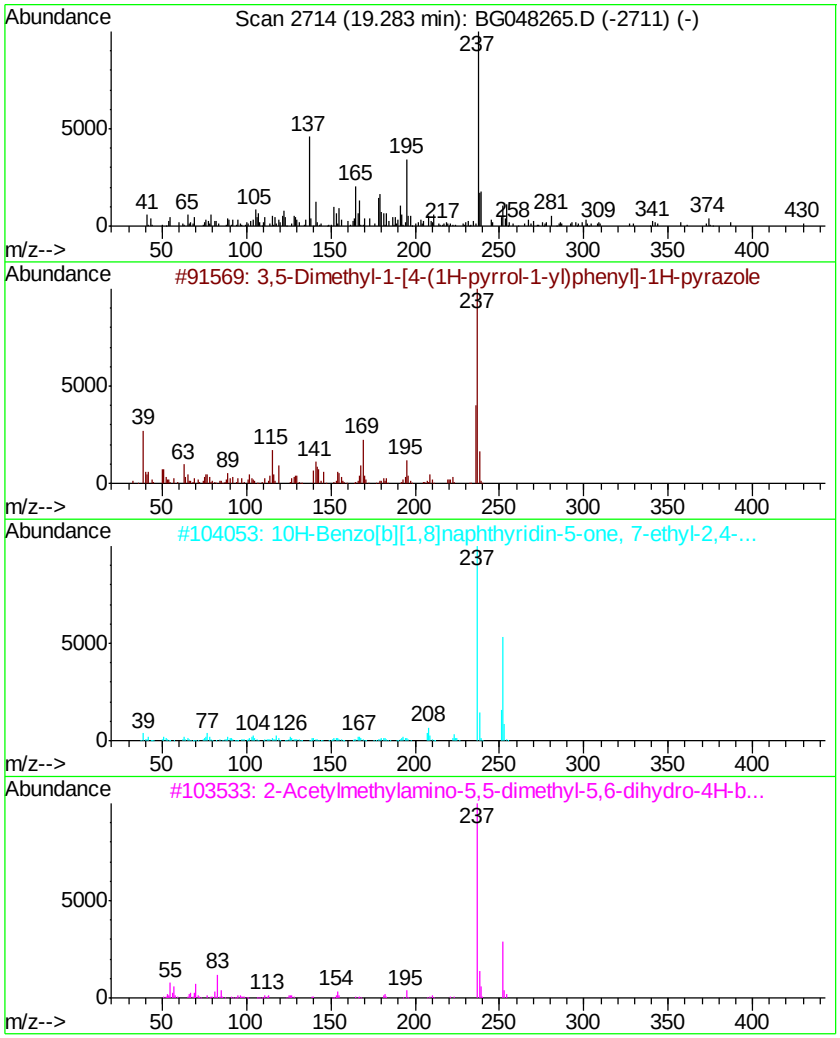
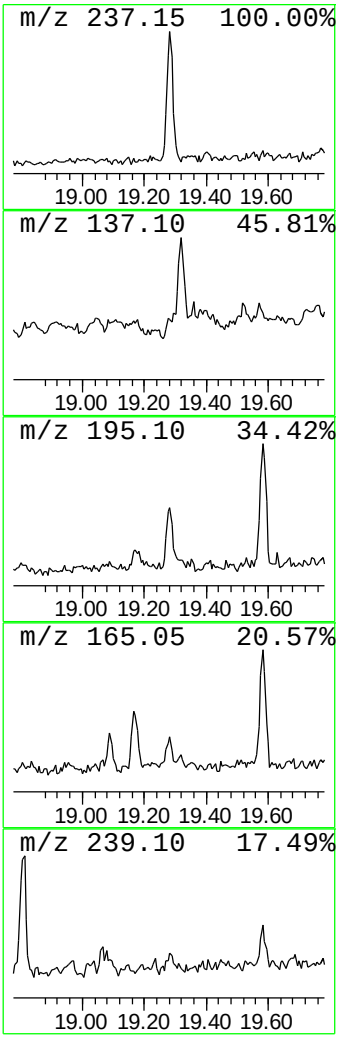
Peak Number 13 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	3.44 ng/ul	91627	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-[4-(1H-pyrrol-1-y...	237	C15H15N3	257863-12-0	45
2	10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	38
3	2-Acetylmethylamino-5,5-dimethyl...	252	C12H16N2O2S	1000285-58-5	38
4	2-Benzo[1,3]dioxol-5-yl-indolizine	237	C15H11NO2	1000301-42-4	38
5	1H-Indole-2,3-dione, 3-(phenylhy...	237	C14H11N3O	017310-26-8	35





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Instrument : BNA_G
ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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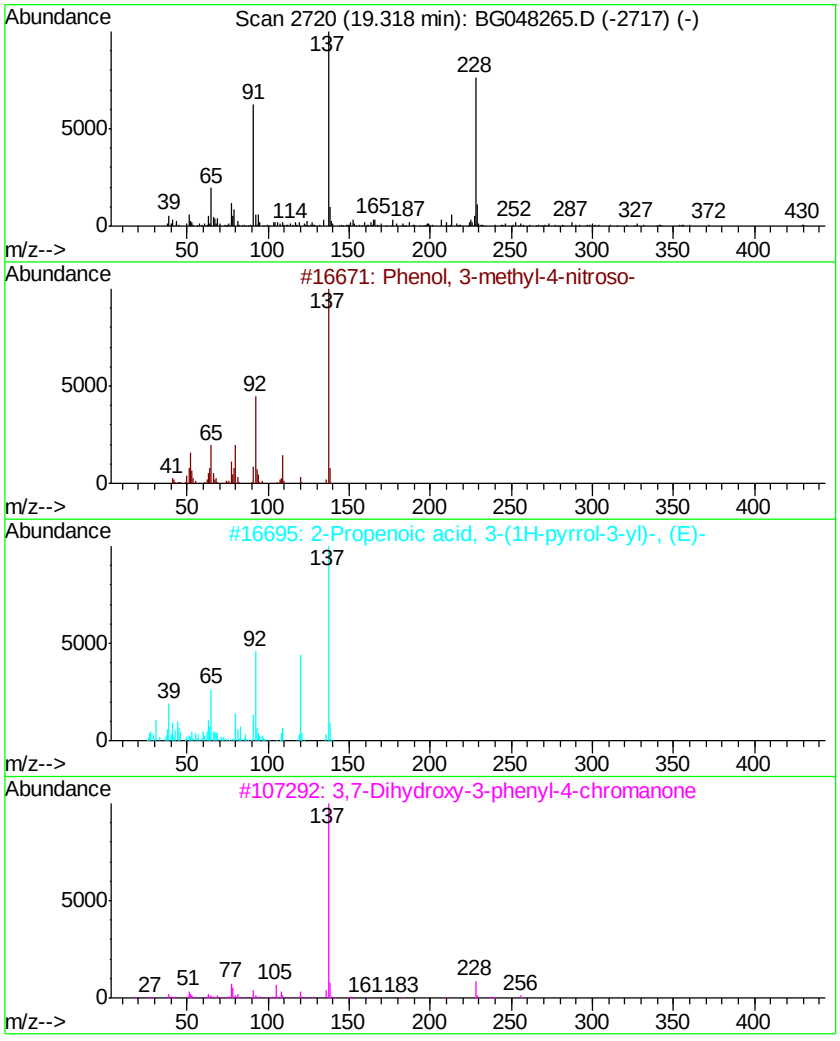
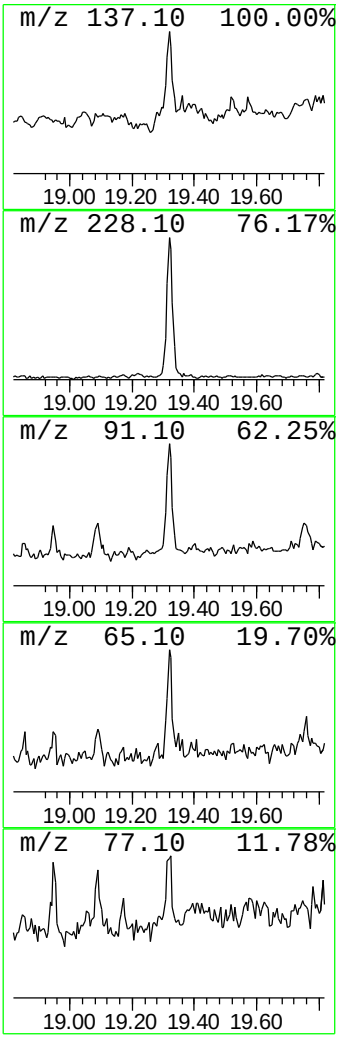
Peak Number 14 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	5.19 ng/ul	138244	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	38
2	2-Propenoic acid, 3-(1H-pyrrol-3...	137	C7H7NO2	085310-57-2	38
3	3,7-Dihydroxy-3-phenyl-4-chromanone	256	C15H12O4	095296-98-3	35
4	Thiazolo[4,5-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-39-7	35
5	Glutaric acid, di(2-methoxybenzy...	372	C21H24O6	1000376-94-1	35





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Quant Title : SVOA CALIBRATION

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

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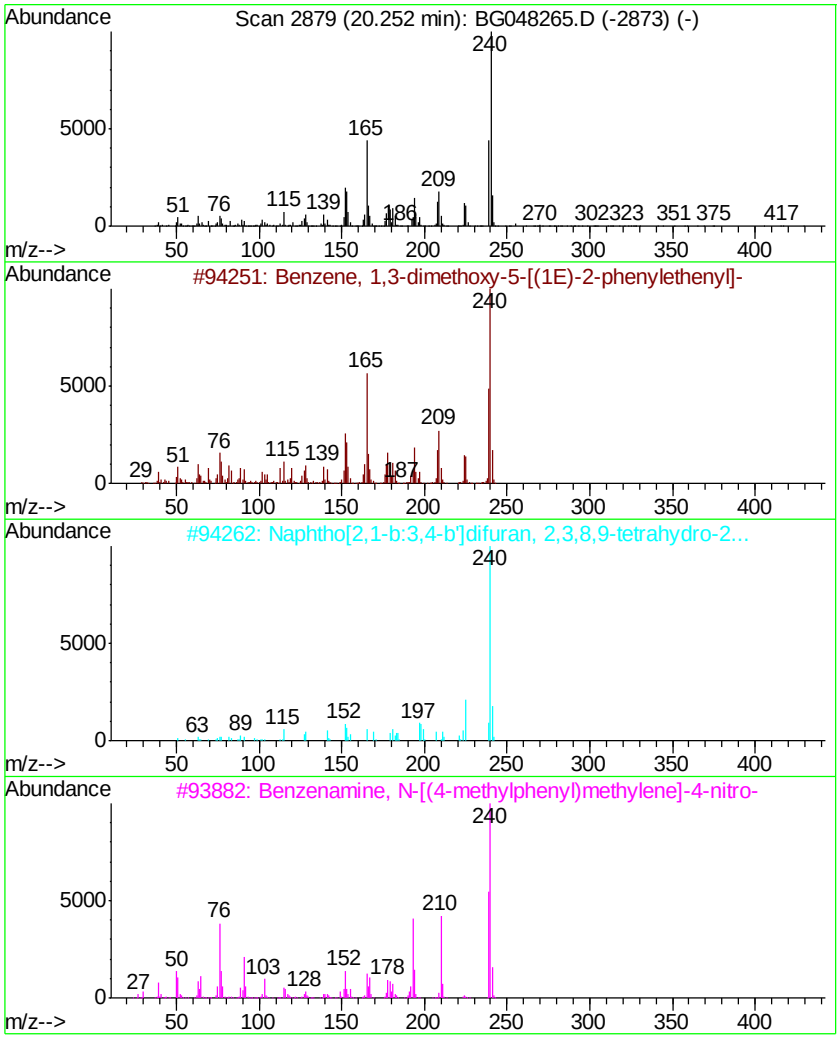
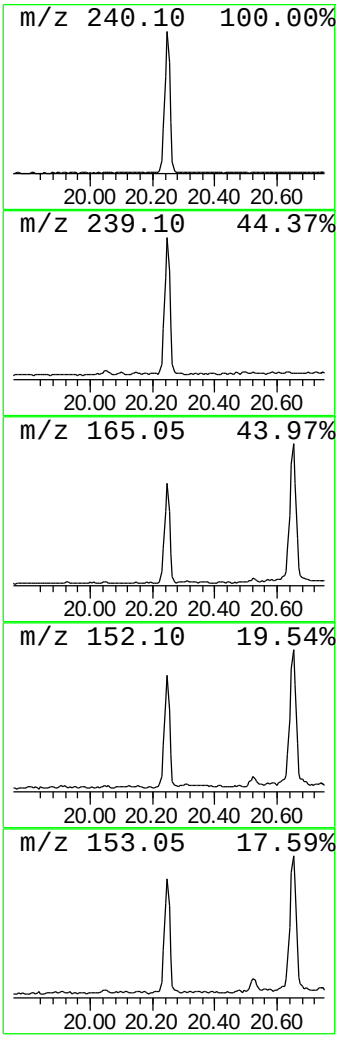
Peak Number 15 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	63.34 ng/ul	1839740	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	Naphtho[2,1-b:3,4-b']difuran, 2,...	240	C16H16O2	068873-19-8	55
3	Benzenamine, N-[(4-methylphenyl)...	240	C14H12N2O2	020192-50-1	53
4	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	50
5	Benzenamine, 4-[2-(4-nitrophenyl...	240	C14H12N2O2	004629-58-7	50





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Misc :
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ClientSampleId : DBGY3

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Quant Title : SVOA CALIBRATION

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

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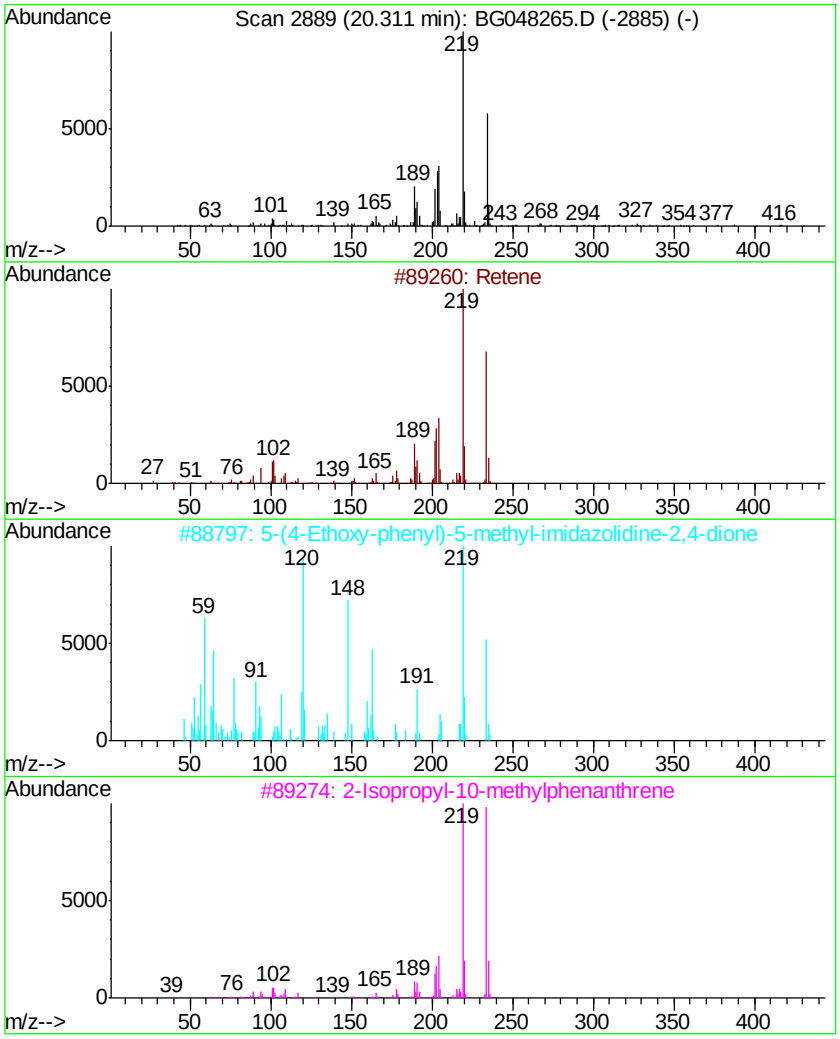
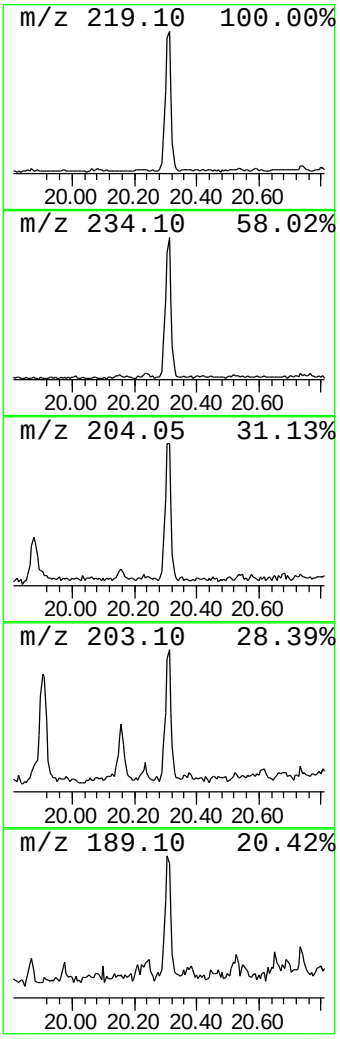
Peak Number 16 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	8.07 ng/ul	234504	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	5-(4-Ethoxy-phenyl)-5-methyl-imi...	234	C12H14N2O3	1000297-64-8	96
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
4	Retene	234	C18H18	000483-65-8	91
5	Retene	234	C18H18	000483-65-8	72





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Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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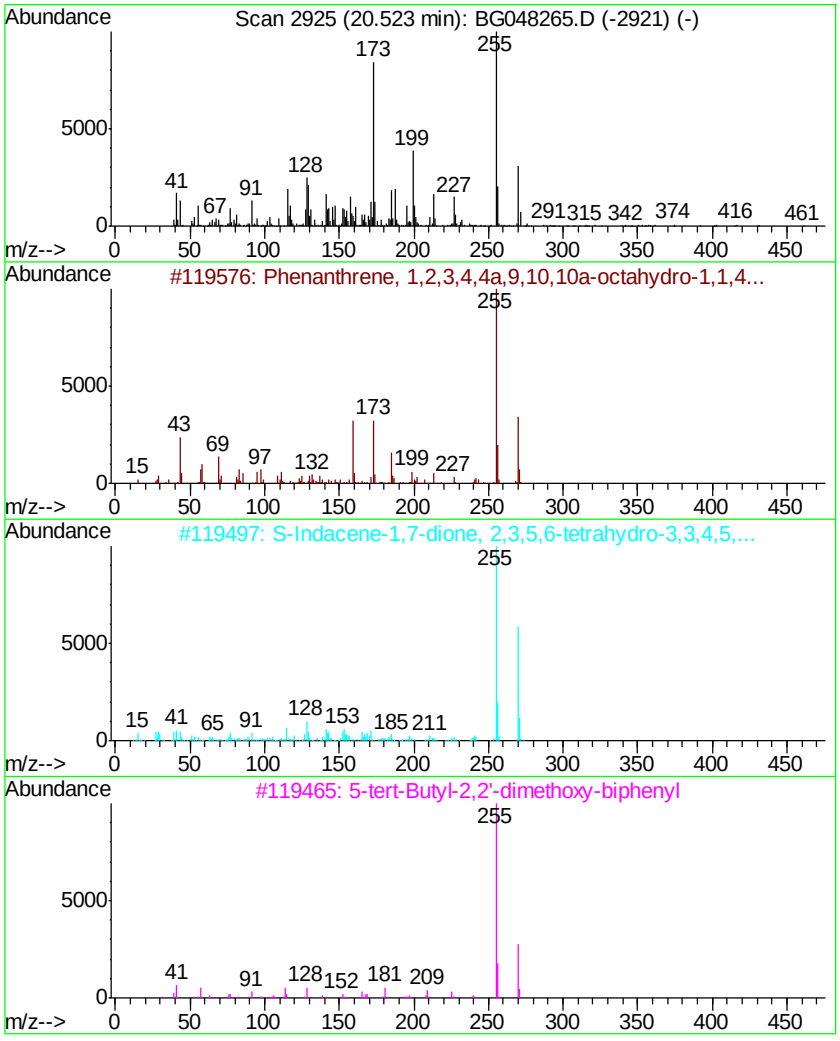
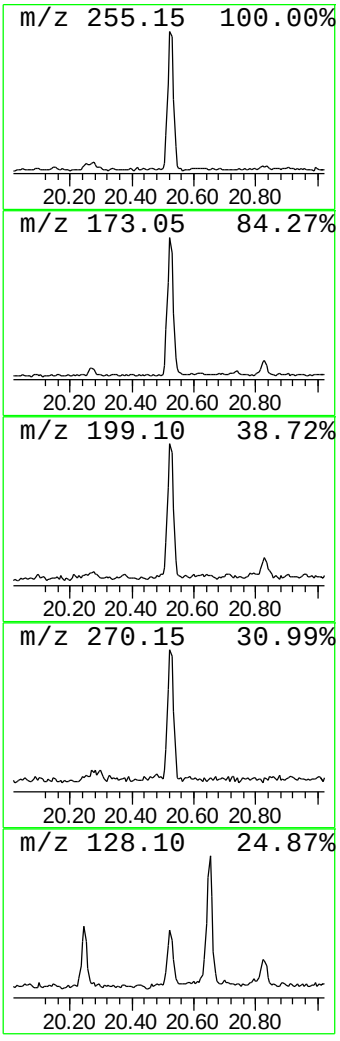
Peak Number 17 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	23.69 ng/ul	688020	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	38
2	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	35
3	5-tert-Butyl-2,2'-dimethoxy-biph...	270	C18H22O2	1000318-04-7	27
4	4-Phenyl-3-penten-2-one p-toluen...	328	C18H20N2O2S	1000211-12-1	25
5	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	25





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Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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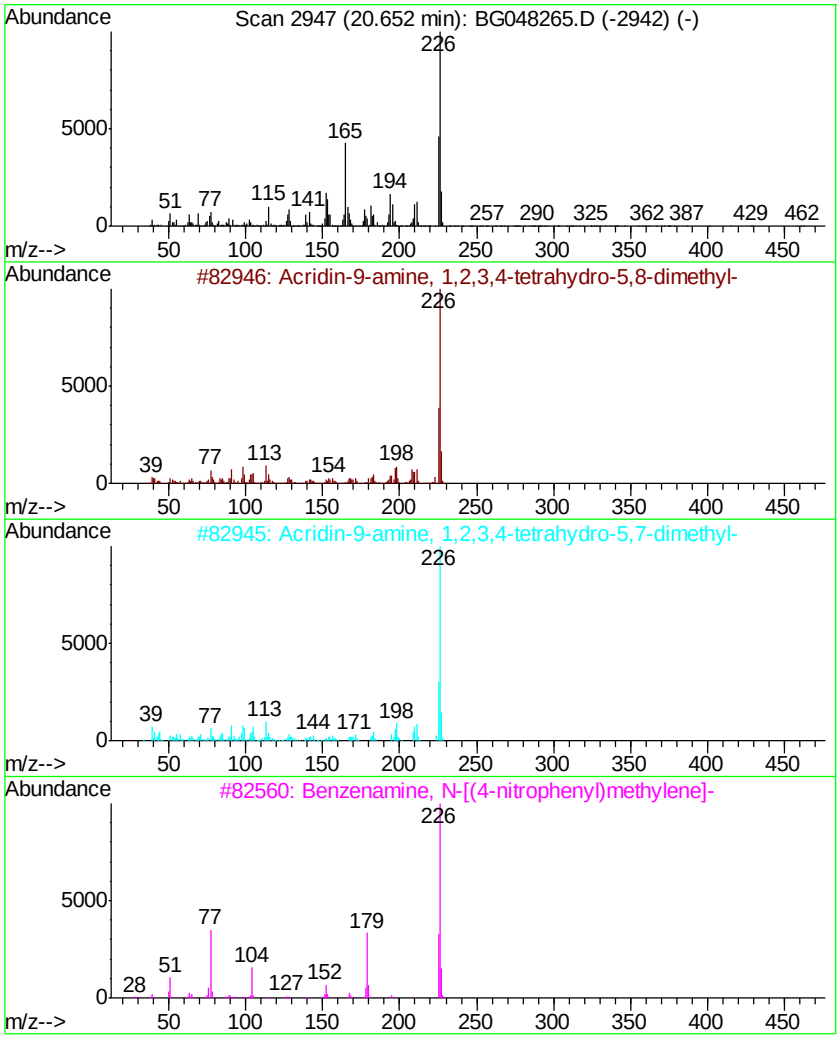
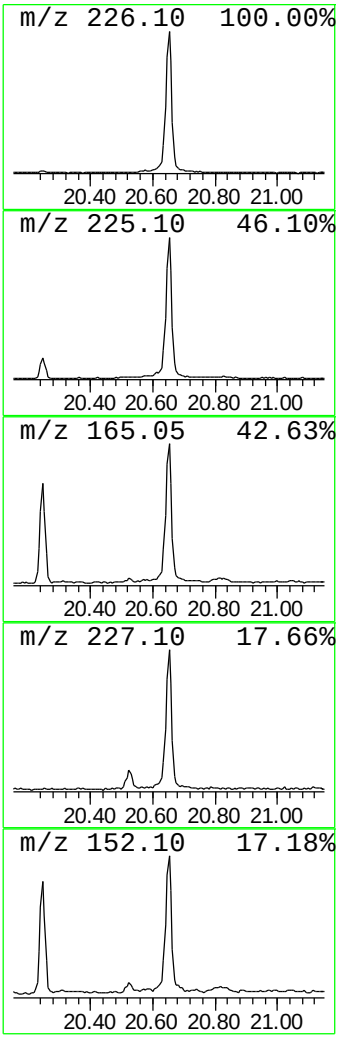
Peak Number 18 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	102.42 ng/ul	2974840	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	64
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	49
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46
4	1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43
5	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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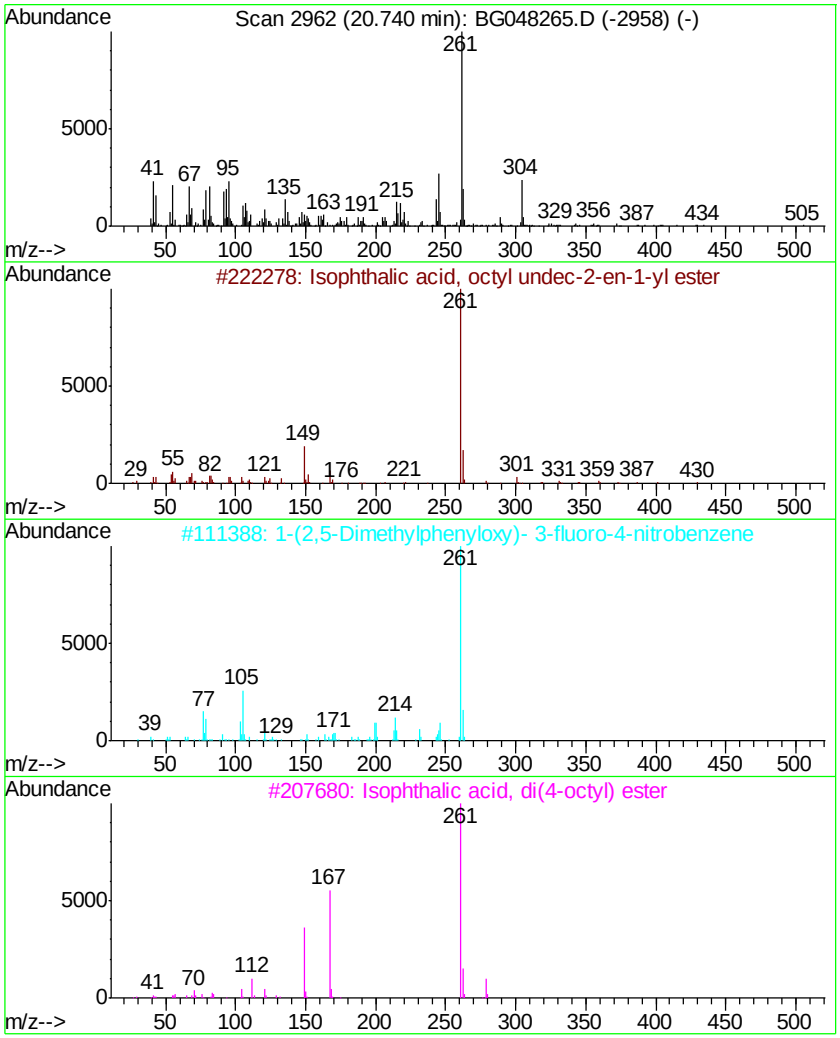
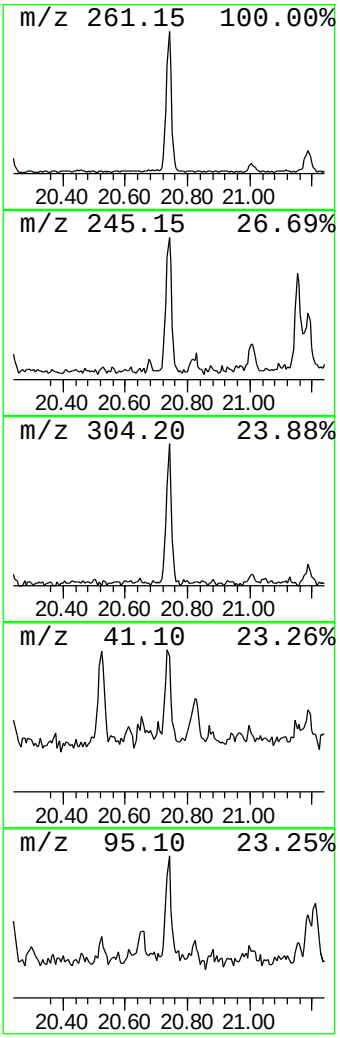
Peak Number 19 unknown-07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	15.66 ng/ul	454975	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, octyl undec-2-...	430	C27H42O4	1000343-91-0	49
2	1-(2,5-Dimethylphenyloxy)- 3-flu...	261	C14H12FNO3	1000334-79-7	49
3	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	43
4	Bis(1,2-di-n-butylphosphino)ethane	318	C18H40P2	004141-59-7	43
5	Isophthalic acid, octyl tridec-2...	456	C29H44O4	1000343-92-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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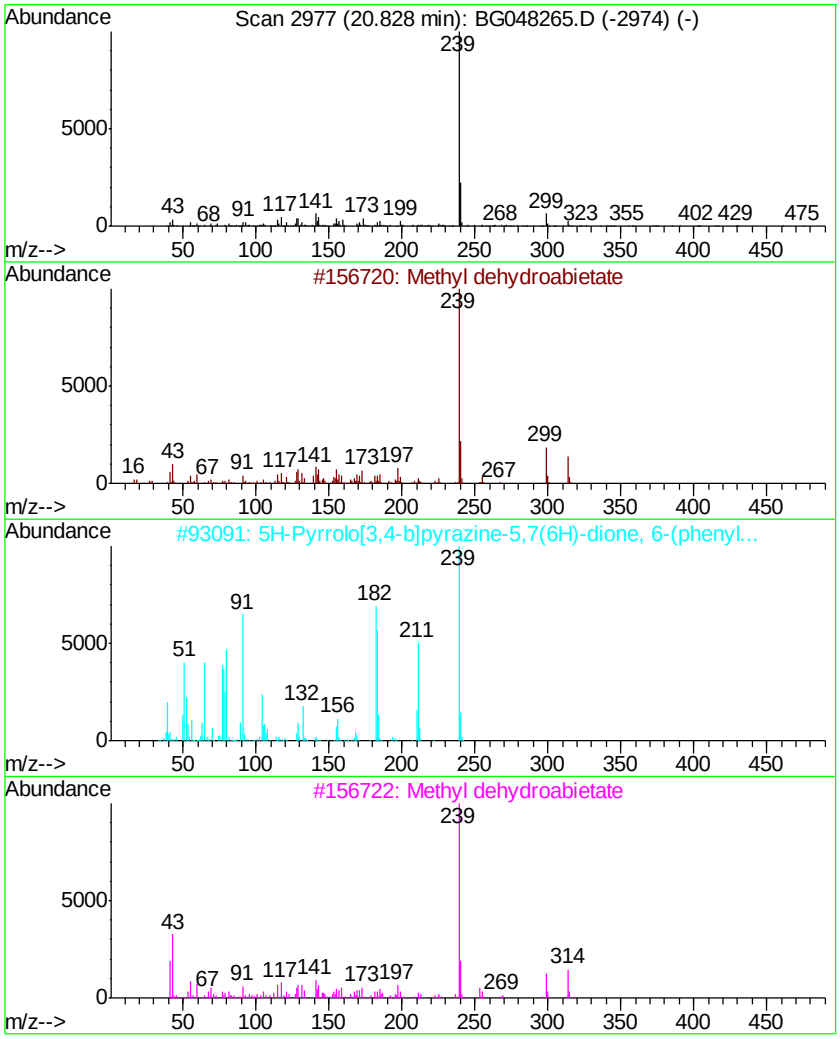
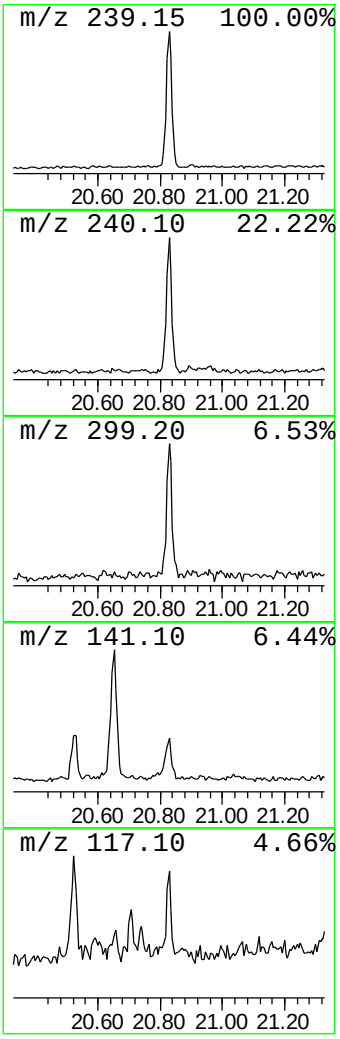
Peak Number 20 Methyl dehydroabietate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	19.84 ng/ul	576376	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	83
2	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H...	239	C13H9N3O2	1000337-19-6	64
3	Methyl dehydroabietate	314	C21H30O2	001235-74-1	64
4	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	50
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	50





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Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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

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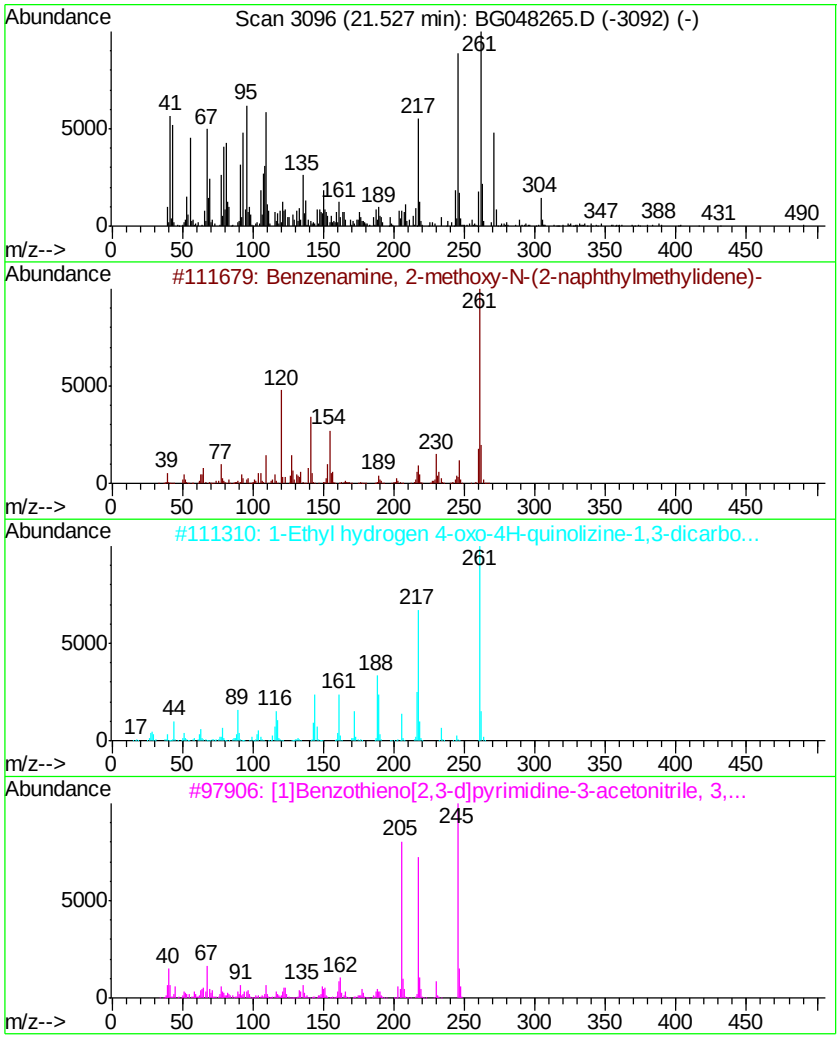
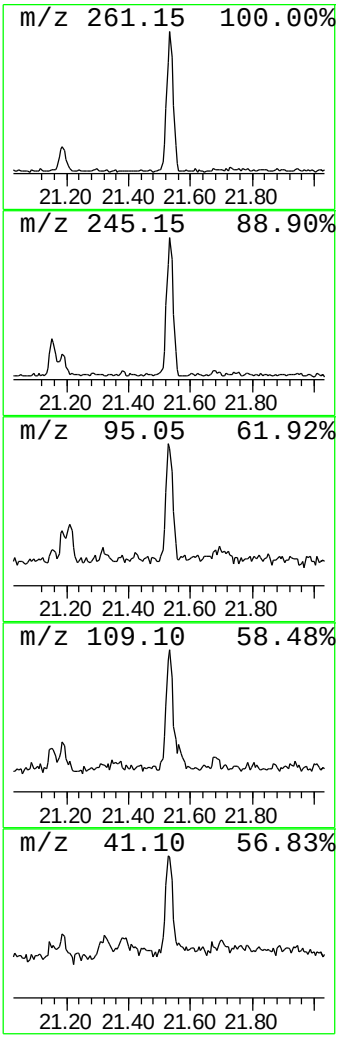
Peak Number 21 unknown-08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	26.28 ng/ul	763223	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-N-(2-naph...	261	C18H15NO	059374-36-6	38
2	1-Ethyl hydrogen 4-oxo-4H-quinol...	261	C13H11NO5	094521-59-2	30
3	[1]Benzothieno[2,3-d]pyrimidine-...	245	C12H11N3OS	1000338-12-8	22
4	5,7-Dioxatetracyclo[7.4.0.0(3,10...	276	C18H28O2	1000193-71-5	20
5	4-Picolylamine, N,N-didecyl-	388	C26H48N2	1000310-37-4	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.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
Toluene	4.28	4.8	ng/ul	62076	1	8.12	257102	20.0
p-Cymene	8.25	3.7	ng/ul	47780	1	8.12	257102	20.0
unknown-01	10.27	2.2	ng/ul	37752	2	10.94	340932	20.0
endo-Borneol	10.72	4.3	ng/ul	72402	2	10.94	340932	20.0
2H-2,4a-Methanona...	13.82	2.7	ng/ul	65434	3	14.75	484746	20.0
2,4a-Methanonapht...	16.90	4.1	ng/ul	109133	4	17.50	532594	20.0
unknown-02	18.60	4.9	ng/ul	130417	4	17.50	532594	20.0
Benzamide, N-(4-f...	18.77	12.8	ng/ul	340319	4	17.50	532594	20.0
unknown-03	18.81	2.3	ng/ul	60802	4	17.50	532594	20.0
18-Norabietane	18.95	10.9	ng/ul	288841	4	17.50	532594	20.0
4b,8-Dimethyl-2-i...	19.09	18.0	ng/ul	479125	4	17.50	532594	20.0
Benzenamine, 4,4'...	19.17	3.7	ng/ul	98782	4	17.50	532594	20.0
unknown-04	19.28	3.4	ng/ul	91627	4	17.50	532594	20.0
unknown-05	19.32	5.2	ng/ul	138244	4	17.50	532594	20.0
Benzene, 1,3-dime...	20.25	63.3	ng/ul	1839740	5	21.79	580925	20.0
Retene	20.31	8.1	ng/ul	234504	5	21.79	580925	20.0
unknown-06	20.52	23.7	ng/ul	688020	5	21.79	580925	20.0
Acridin-9-amine, ...	20.65	102.4	ng/ul	2974840	5	21.79	580925	20.0
unknown-07	20.74	15.7	ng/ul	454975	5	21.79	580925	20.0
Methyl dehydroabi...	20.83	19.8	ng/ul	576376	5	21.79	580925	20.0
unknown-08	21.53	26.3	ng/ul	763223	5	21.79	580925	20.0