LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021621\
Data File : BG048186.D
Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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	8.070	799	805	808	rBV	275084	469023	0.16%	0.056%
2	8.106	808	811	821	rVB3	258387	495443	0.16%	0.059%
3	8.241	827	834	841	rBV	456703	740802	0.25%	0.088%
4	8.323	841	848	856	rBV	998611	1586418	0.53%	0.189%
5	8.411	856	863	871	rVB	315862	512791	0.17%	0.061%
6	9.228	992	1002	1009	rBV3	216737	422099	0.14%	0.050%
7	9.821	1097	1103	1110	rVB	308200	518514	0.17%	0.062%
8	10.244	1168	1175	1184	rBV2	594894	1207955	0.40%	0.144%
9	10.321	1184	1188	1195	rVB	181180	320093	0.11%	0.038%
10	10.532	1216	1224	1229	rBV3	196427	352402	0.12%	0.042%
11	10.685	1242	1250	1259	rBV	1180333	2088855	0.69%	0.249%
12	10.914	1283	1289	1292	rBV	256127	439092	0.15%	0.052%
13	10.967	1292	1298	1304	rVV	1630662	2719843	0.90%	0.324%
14	11.032	1304	1309	1318	rVB	286960	504280	0.17%	0.060%
15	12.636	1574	1582	1588	rVV	2573602	4512090	1.50%	0.537%
16	12.906	1621	1628	1635	rBV	989552	1538028	0.51%	0.183%
17	14.298	1859	1865	1874	rBV	163487	309679	0.10%	0.037%
18	14.721	1928	1937	1945	rBV3	467506	1010556	0.34%	0.120%
19	14.815	1946	1953	1964	rVB3	218886	519829	0.17%	0.062%
20	14.962	1972	1978	1984	rBV2	266764	465446	0.15%	0.055%
21	15.133	2001	2007	2012	rBV	298419	432350	0.14%	0.052%
22	15.397	2045	2052	2061	rBV3	259527	642314	0.21%	0.077%
23	16.079	2160	2168	2177	rBV	960338	1520546	0.51%	0.181%
24	17.465	2397	2404	2411	rVB	517584	796928	0.26%	0.095%
25	17.647	2428	2435	2441	rBV	3592040	5307279	1.76%	0.632%
26	18.264	2536	2540	2545	rBV	322341	415421	0.14%	0.049%
27	18.341	2548	2553	2558	rVB4	230529	389645	0.13%	0.046%
28	18.488	2573	2578	2581	rBV4	303145	533848	0.18%	0.064%
29	18.558	2585	2590	2593	rBV	469817	649508	0.22%	0.077%
30	18.758	2615	2624	2627	rVV5	228096	496567	0.17%	0.059%
31	18.793	2627	2630	2634	rVV	757349	990402	0.33%	0.118%
32	18.834	2634	2637	2640	rVV2	472933	578377	0.19%	0.069%
33	19.087	2675	2680	2684	rBV2	1265137	1748828	0.58%	0.208%
34	19.134	2684	2688	2694	rVB3	939781	1342463	0.45%	0.160%

LSC Area Percent Report

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Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DBH00

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	19.193	2694	2698	2701	rBV3	201138	311461	0.10%	0.037%
36	19.293	2706	2715	2722	rVB2	5570127	9753913	3.24%	1.162%
37	19.433	2733	2739	2743	rBV2	1854741	2715106	0.90%	0.323%
38	19.475	2743	2746	2748	rVV2	303929	376877	0.13%	0.045%
39	19.504	2748	2751	2757	rVB4	426083	607921	0.20%	0.072%
40	19.569	2757	2762	2768	rVB3	1190498	1953575	0.65%	0.233%
41	19.633	2768	2773	2779	rVB5	204491	375957	0.12%	0.045%
42	19.721	2781	2788	2802	rBV2	1686294	6511617	2.16%	0.776%
43	19.898	2813	2818	2821	rBV	737983	1104039	0.37%	0.132%
44	20.027	2836	2840	2842	rBV	538247	712733	0.24%	0.085%
45	20.056	2842	2845	2850	rVB3	673182	872244	0.29%	0.104%
46	20.133	2853	2858	2867	rVB2	1300821	2280507	0.76%	0.272%
47	20.262	2868	2880	2884	rBV	30963558	71426710	23.73%	8.508%
48	20.391	2898	2902	2905	rBV3	839771	1154642	0.38%	0.138%
49	20.550	2925	2929	2934	rVB2	2144208	3350397	1.11%	0.399%
50	20.755	2934	2964	2968	rBV4	42763181	300944067	100.00%	35.848%
51	20.855	2974	2981	2988	rBV3	8045126	15860262	5.27%	1.889%
52	20.955	2994	2998	3004	rVB	4361770	7570526	2.52%	0.902%
53	21.061	3005	3016	3021	rBV2	2284522	7744743	2.57%	0.923%
54	21.126	3022	3027	3036	rVB4	3443009	8436081	2.80%	1.005%
55	21.243	3038	3047	3050	rBV	5937698	13924277	4.63%	1.659%
56	21.355	3063	3066	3069	rVB	2335262	2575646	0.86%	0.307%
57	21.396	3069	3073	3076	rBV	4598173	6742779	2.24%	0.803%
58	21.472	3076	3086	3087	rBV	7848225	17503160	5.82%	2.085%
59	21.837	3122	3148	3153	rBV3	26343451	137909725	45.83%	16.427%
60	22.195	3201	3209	3214	rBV	7688452	14758117	4.90%	1.758%
61	22.248	3214	3218	3221	rVV2	1990796	3805490	1.26%	0.453%
62	22.283	3222	3224	3230	rVB	3255207	4553477	1.51%	0.542%
63	22.418	3234	3247	3263	rVB2	13990468	52542518	17.46%	6.259%
64	22.677	3285	3291	3293	rBV	2394551	4601810	1.53%	0.548%
65	22.794	3308	3311	3327	rVB	1256179	2787563	0.93%	0.332%
66	23.599	3417	3448	3453	rBV	14613906	87626501	29.12%	10.438%
67	24.063	3522	3527	3534	rVB2	580531	1156061	0.38%	0.138%
68	24.851	3650	3661	3679	rVB	2658604	8381181	2.78%	0.998%

Sum of corrected areas: 839509397

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Misc :
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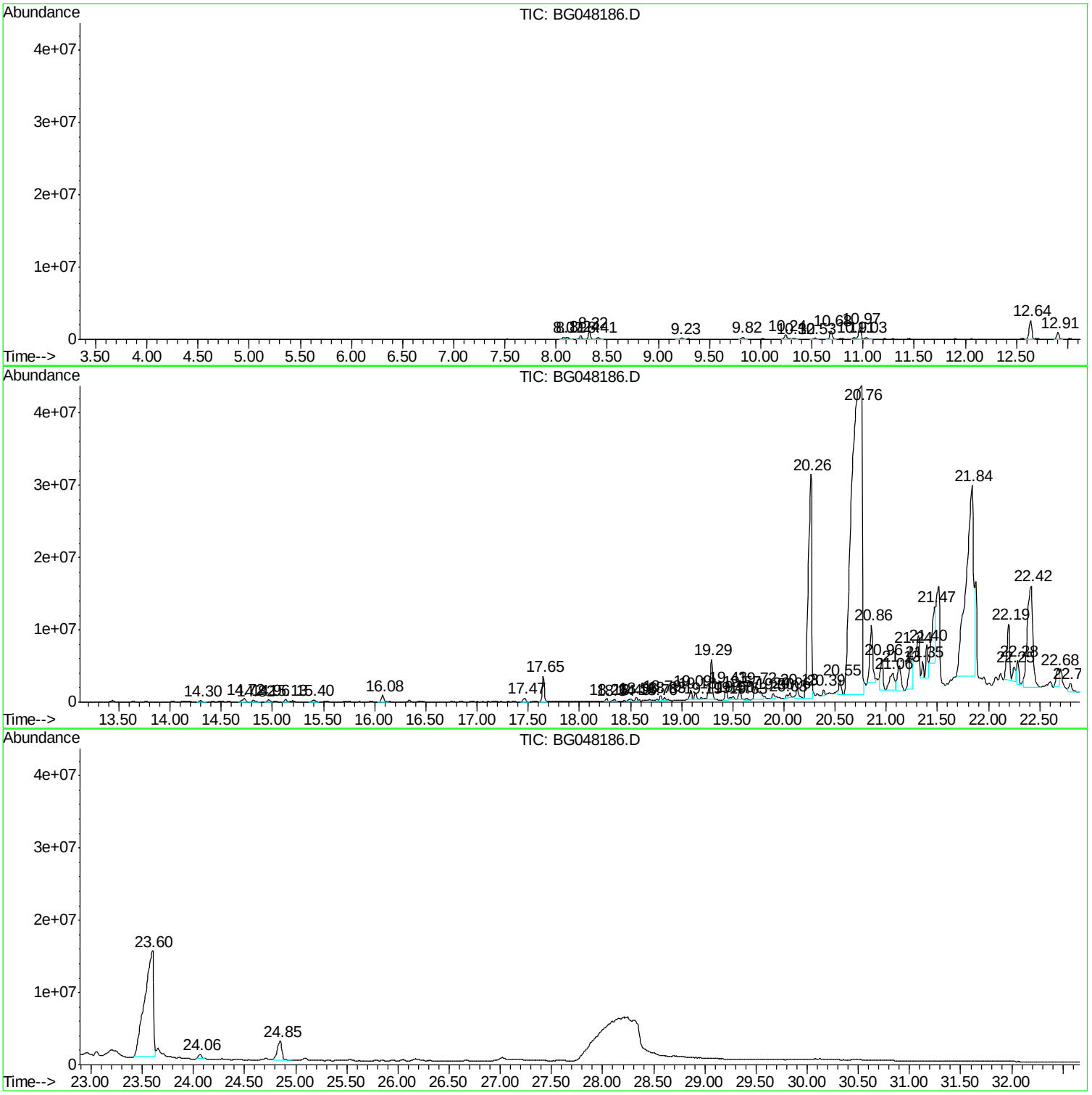
Instrument : BNA_G
ClientSampleId : DBH00

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

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Quant Title : SVOA CALIBRATION

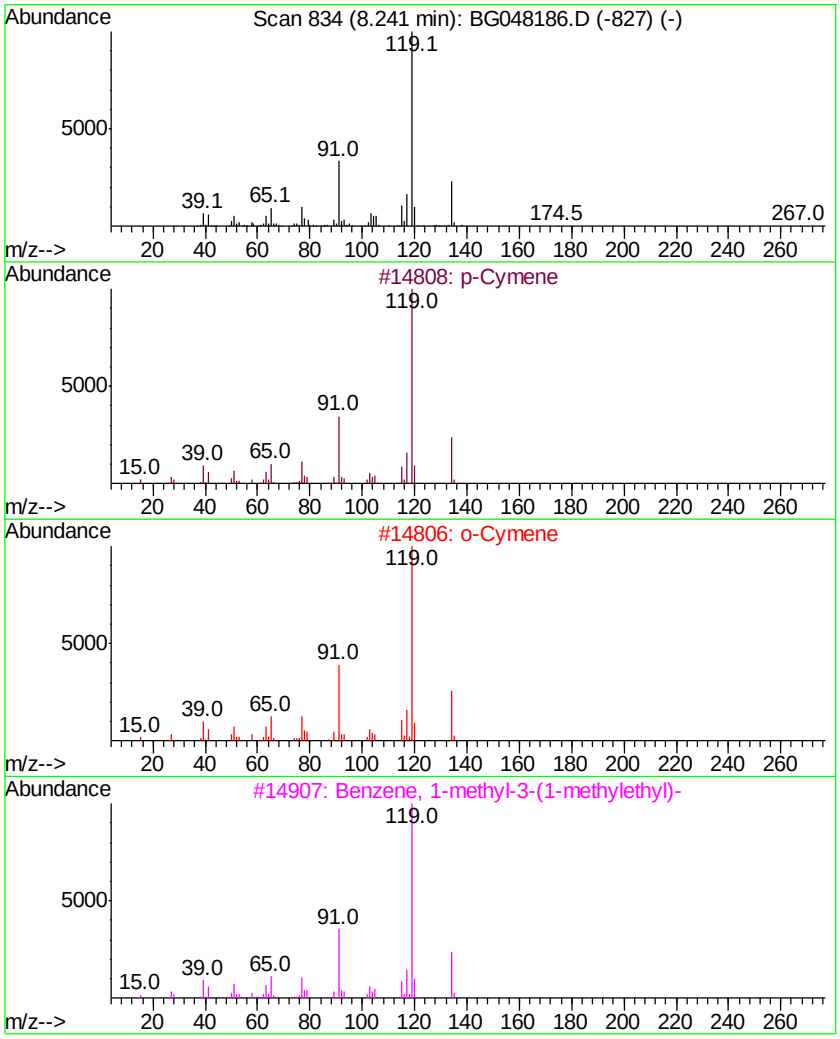
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

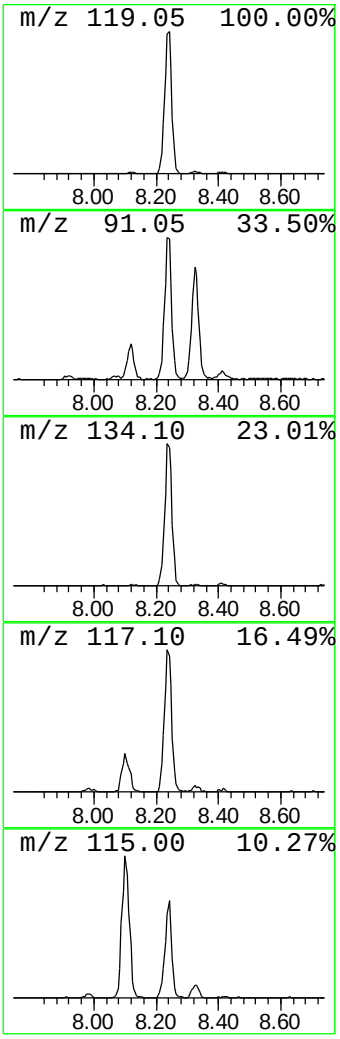
****

Peak Number 1 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	29.90 ng/ul	740802	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021621\
Data File : BG048186.D
Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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

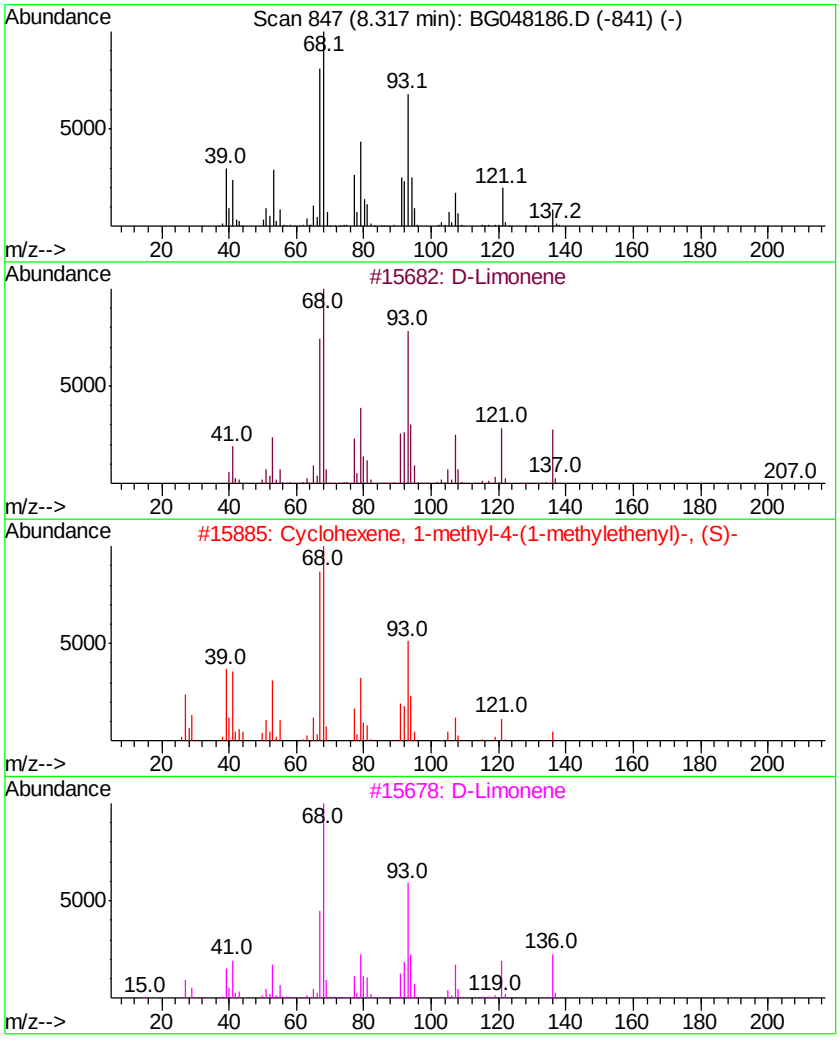
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

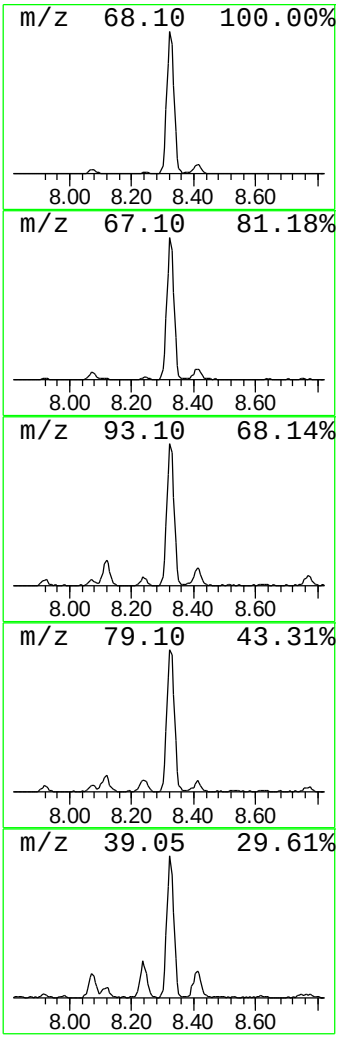
****

Peak Number 2 D-Limonene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	64.04 ng/ul	1586420	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3	D-Limonene	136	C10H16	005989-27-5	93
4	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
5	Limonene	136	C10H16	000138-86-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021621\
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Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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

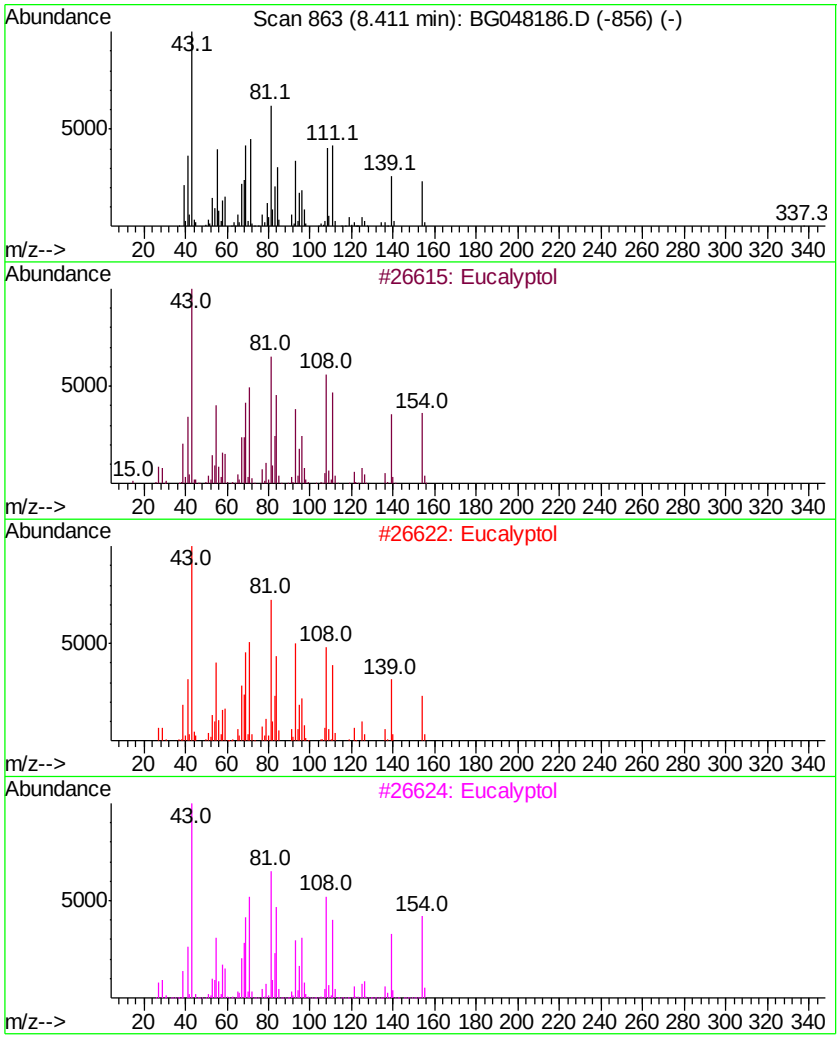
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

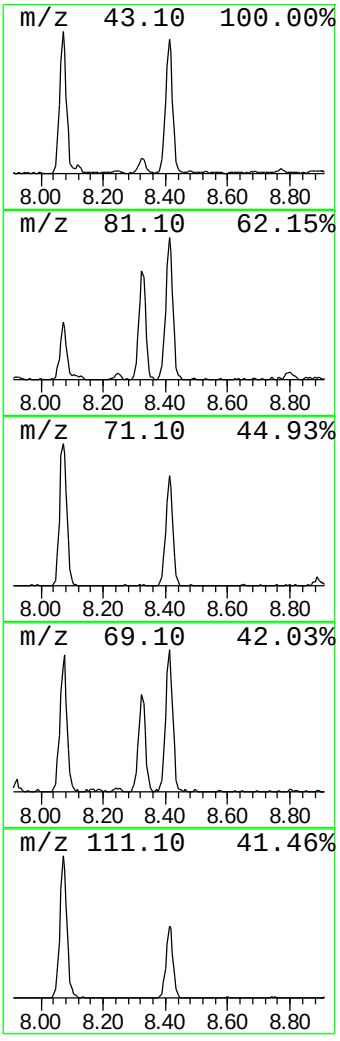
****

Peak Number 3 Eucalyptol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	20.70 ng/ul	512791	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Eucalyptol	154	C10H18O	000470-82-6	89
3	Eucalyptol	154	C10H18O	000470-82-6	76
4	Eucalyptol	154	C10H18O	000470-82-6	68
5	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	50





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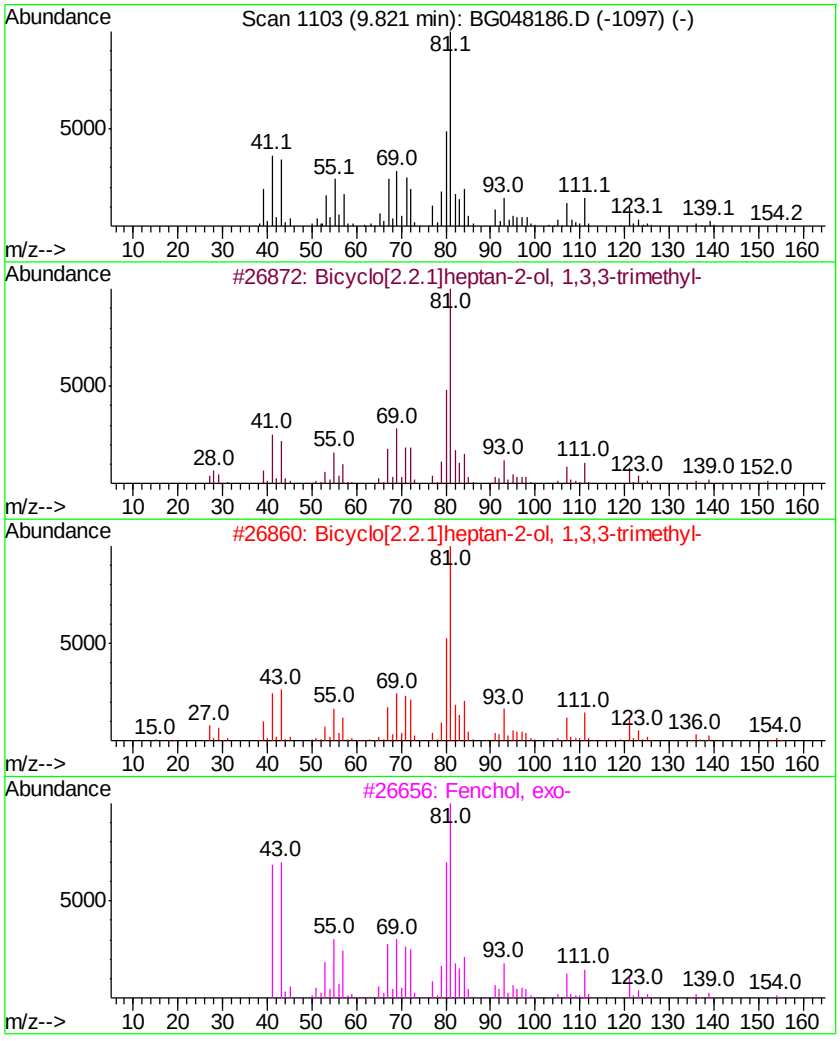
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

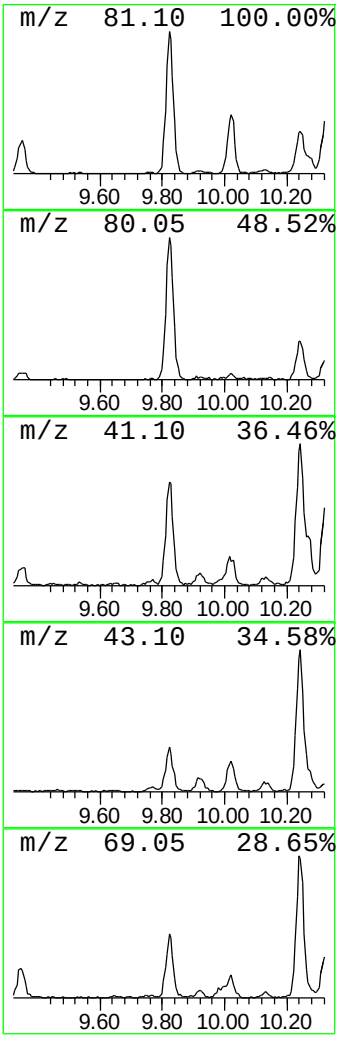
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	23.62 ng/ul	518514	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	94
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	91
3	Fenchol, exo-	154	C10H18O	022627-95-8	91
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	91
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	90





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

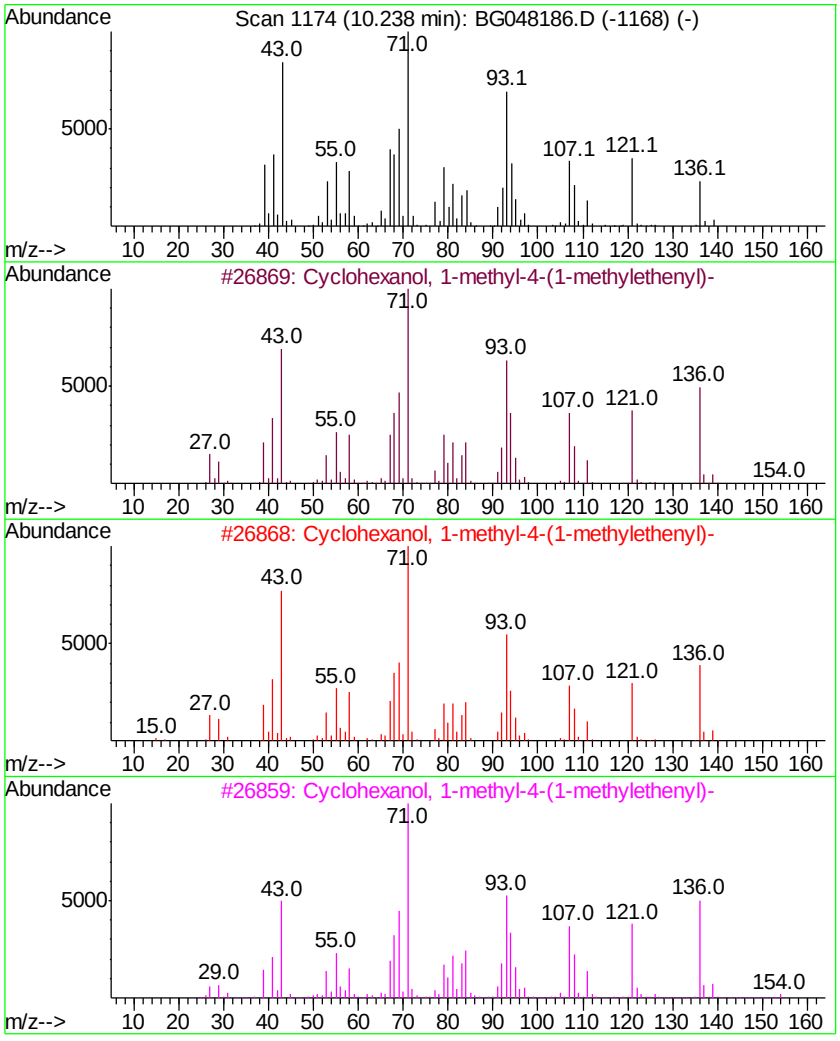
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

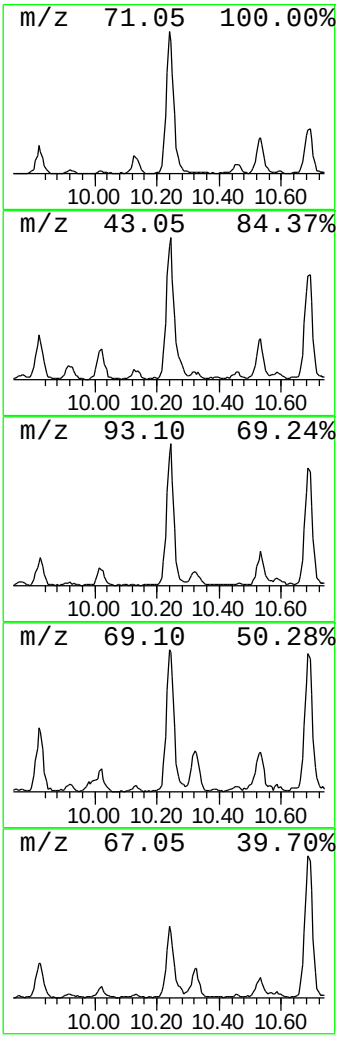
****

Peak Number 5 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	55.02 ng/ul	1207960	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	90
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	64
3	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	50
4	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	007299-41-4	50
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	43





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Instrument : BNA_G
ClientSampleId : DBH00

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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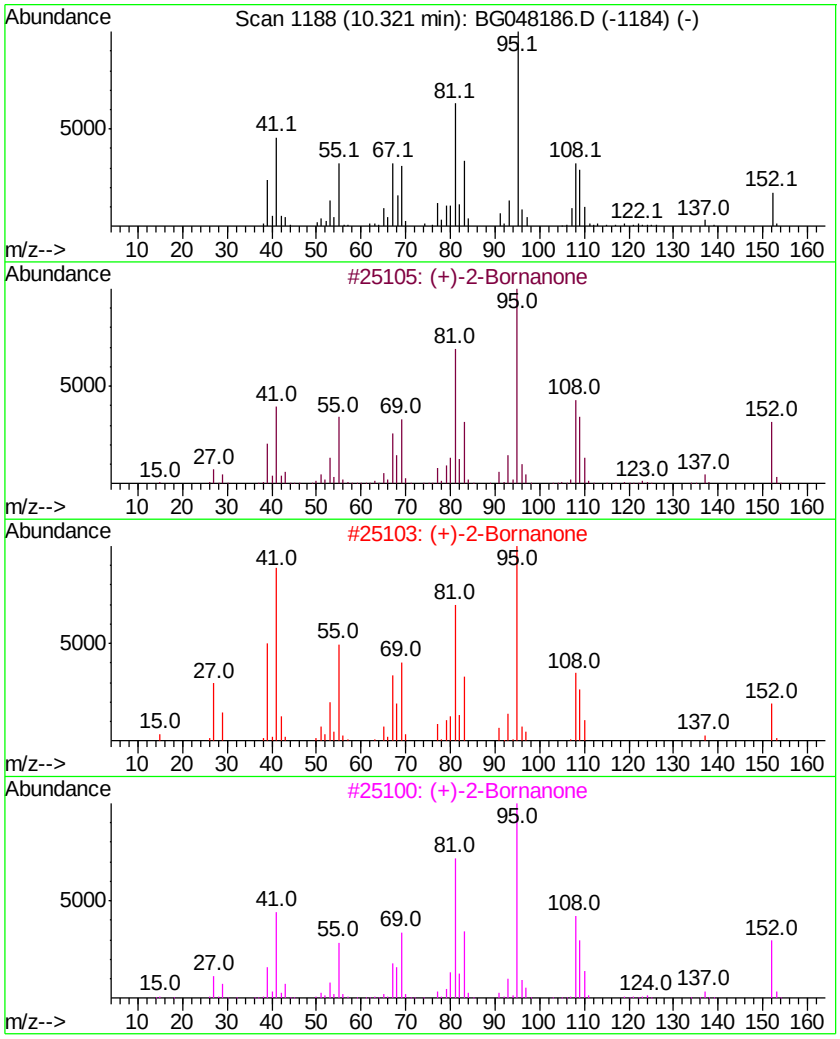
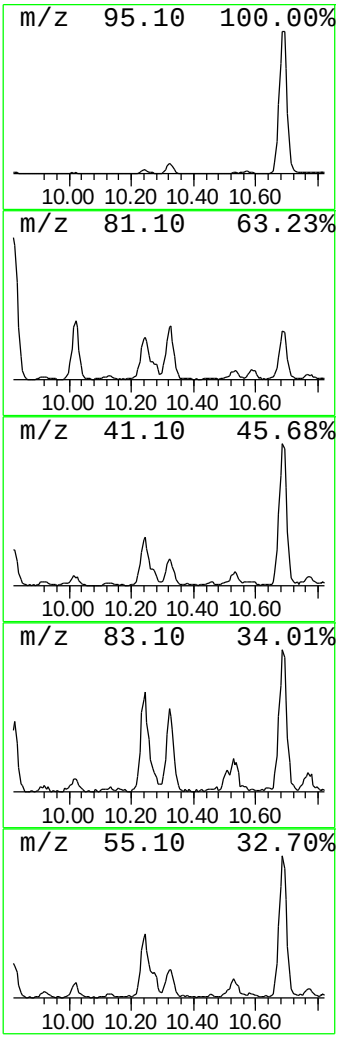
Peak Number 6 (+)-2-Bornanone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	14.58 ng/ul	320093	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH00

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

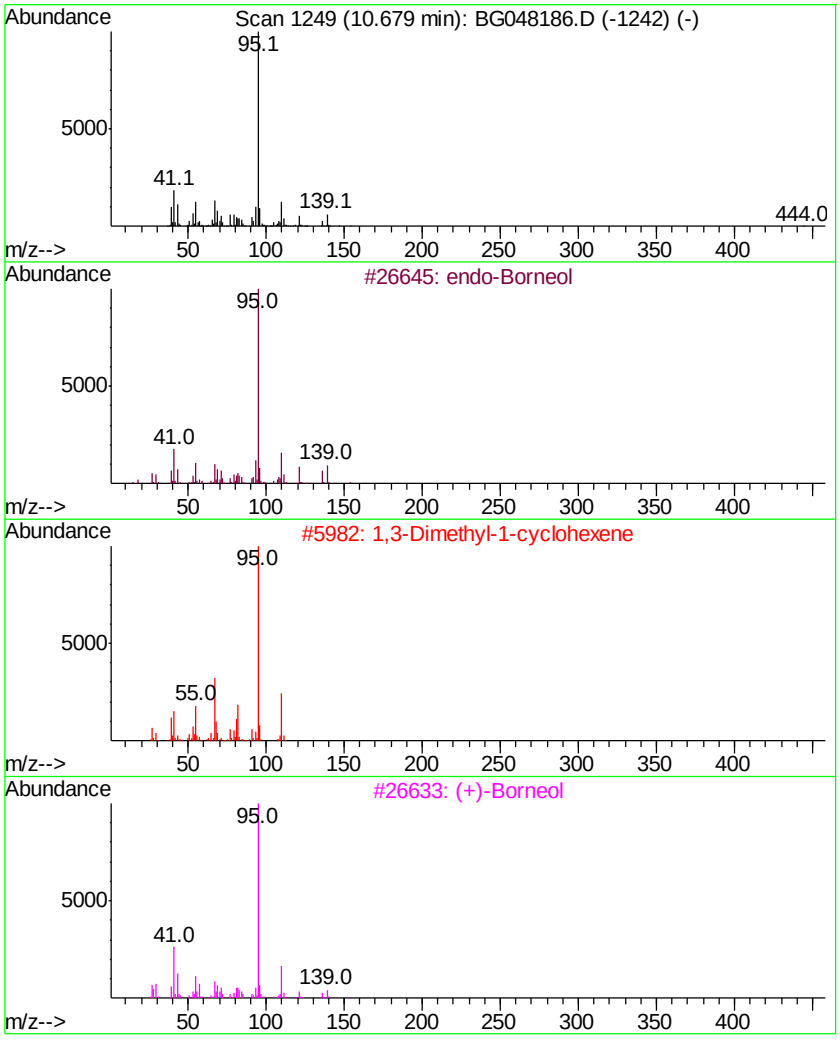
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

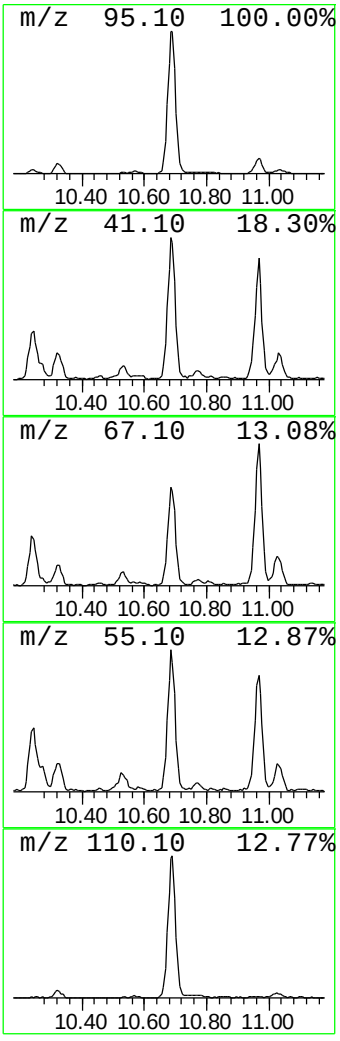
****

Peak Number 7 endo-Borneol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	95.14 ng/ul	2088860	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	95
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
3	(+)-Borneol	154	C10H18O	1000150-76-3	72
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	68
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	64





Library Search Compound Report

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Data File : BG048186.D
Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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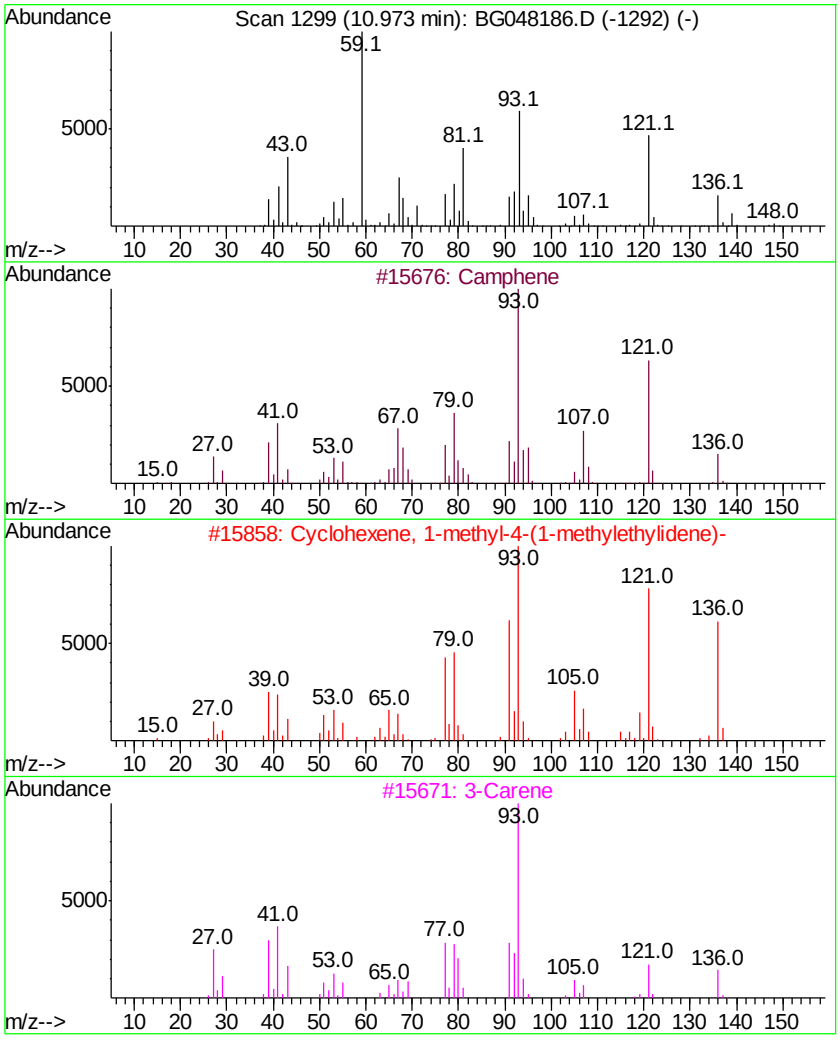
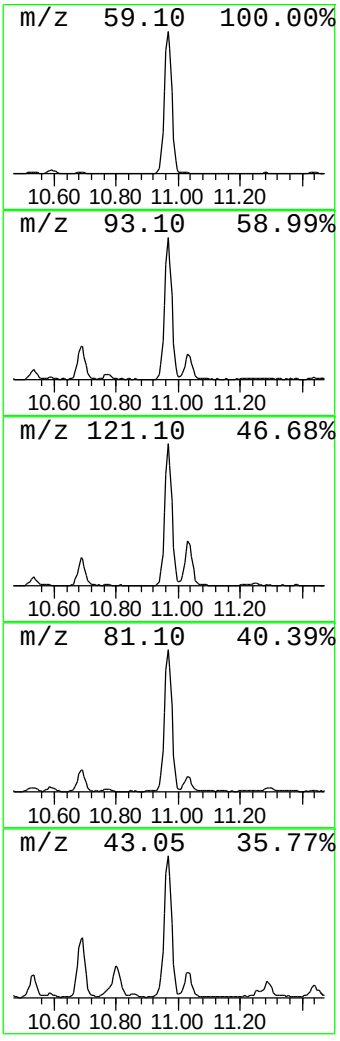
Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	123.89 ng/ul	2719840	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	46
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	41
3	3-Carene	136	C10H16	013466-78-9	41
4	3-Carene	136	C10H16	013466-78-9	41
5	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	38





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Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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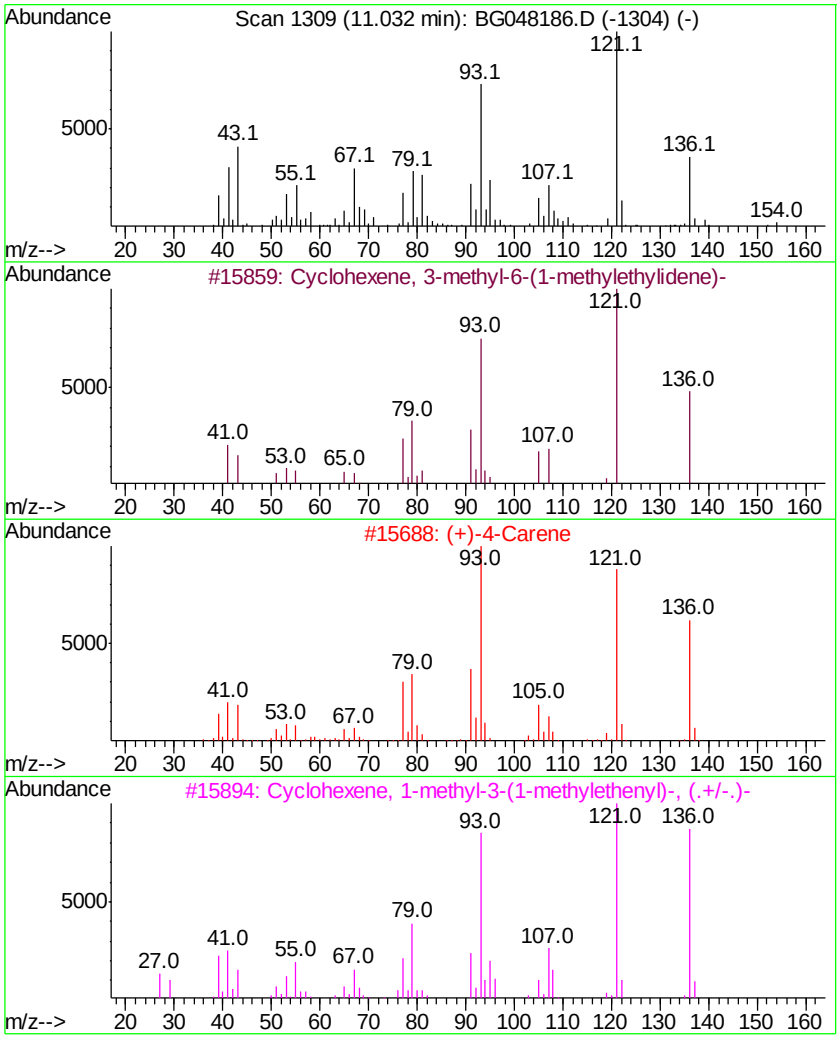
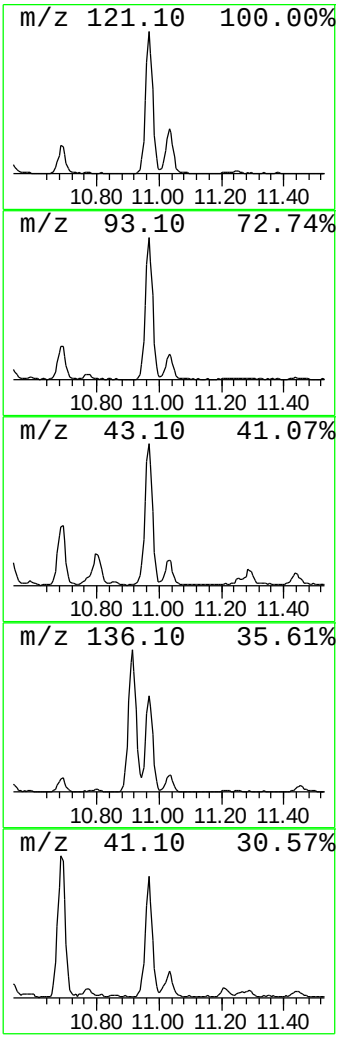
Peak Number 9 Cyclohexene, 3-methyl-6-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	22.97 ng/ul	504280	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	92
2	(+)-4-Carene	136	C10H16	029050-33-7	83
3	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	81
4	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000586-81-2	80
5	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	76





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Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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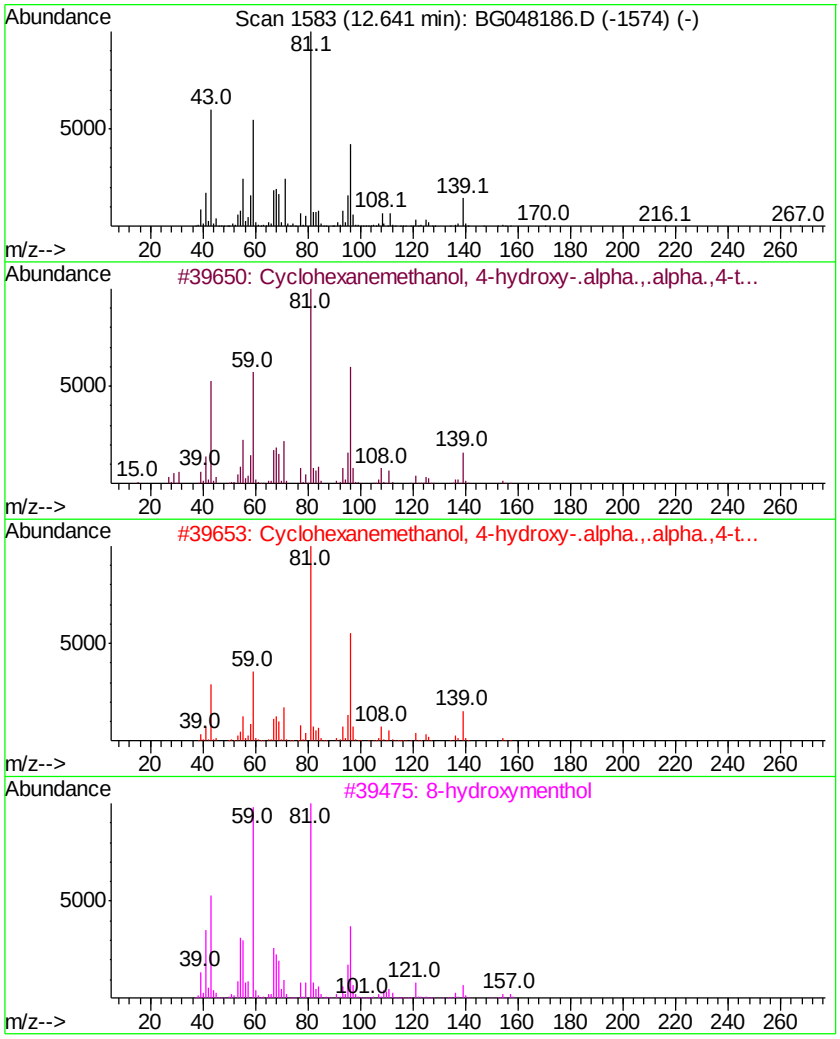
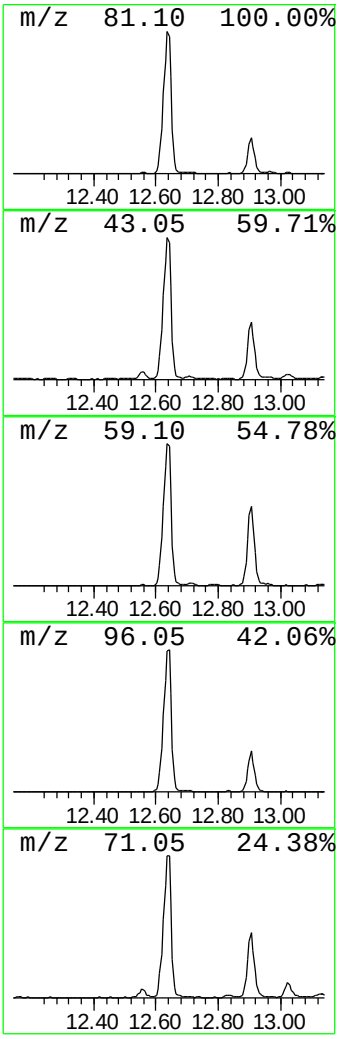
Peak Number 10 Cyclohexanemethanol, 4-hydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	205.52 ng/ul	4512090	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	72
3	8-hydroxymenthol	172	C10H20O2	1000374-16-2	72
4	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	64
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53





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Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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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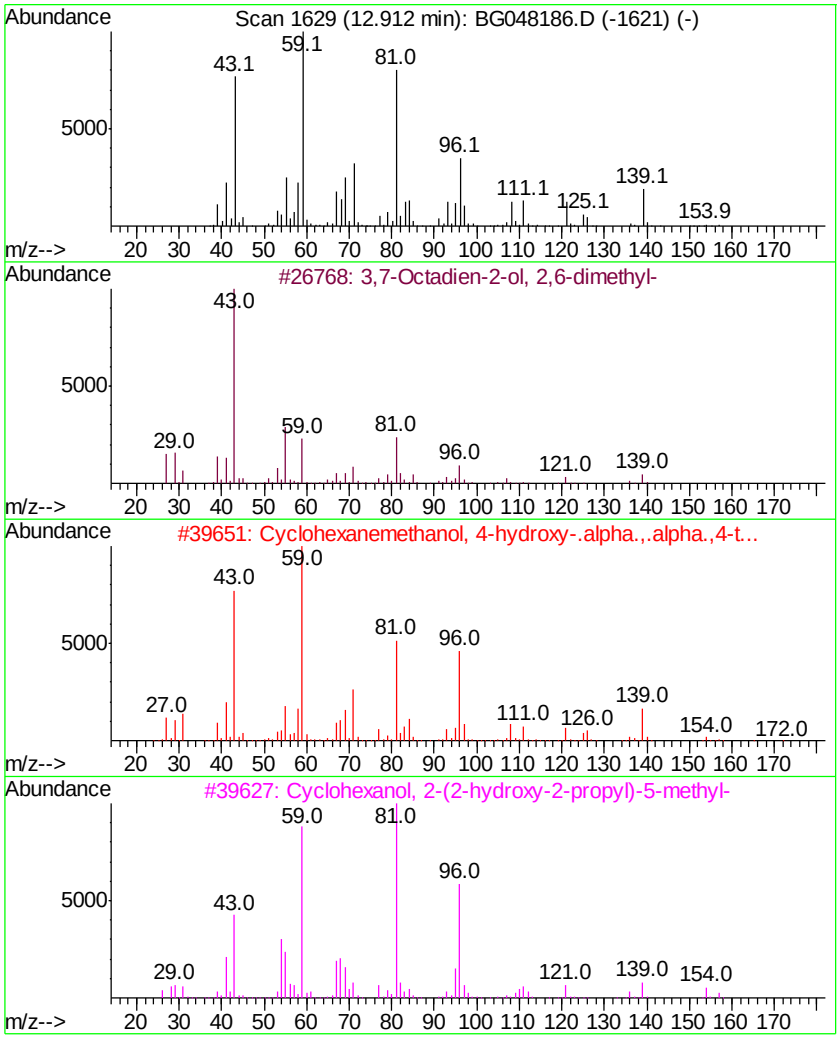
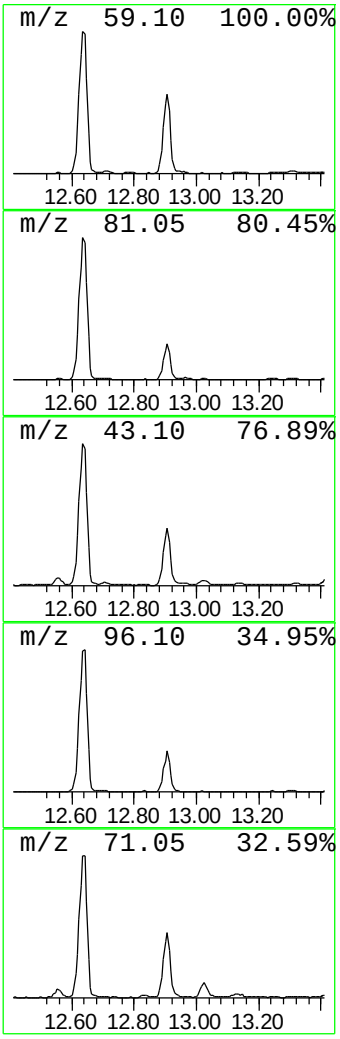
Peak Number 11 3,7-Octadien-2-ol, 2,6-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	30.44 ng/ul	1538030	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Octadien-2-ol, 2,6-dimethyl-	154	C10H18O	062911-76-6	59
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	58
3	Cyclohexanol, 2-(2-hydroxy-2-pro...	172	C10H20O2	138663-70-4	56
4	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	53
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	45





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Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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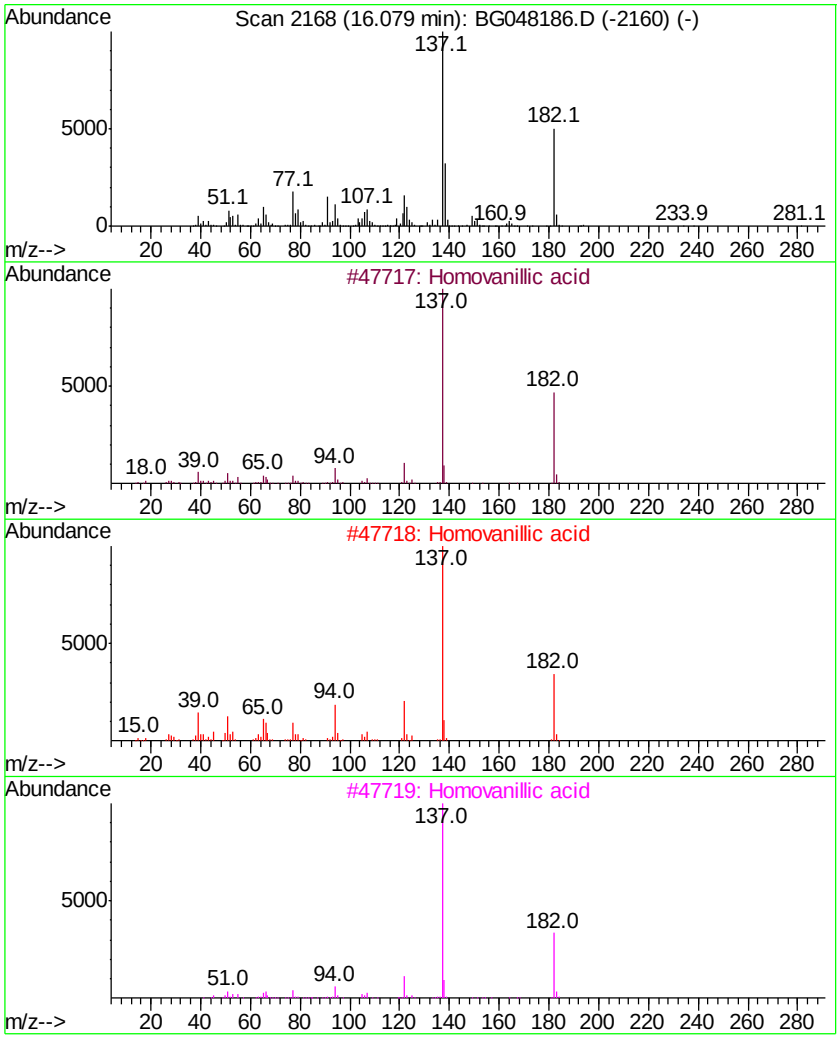
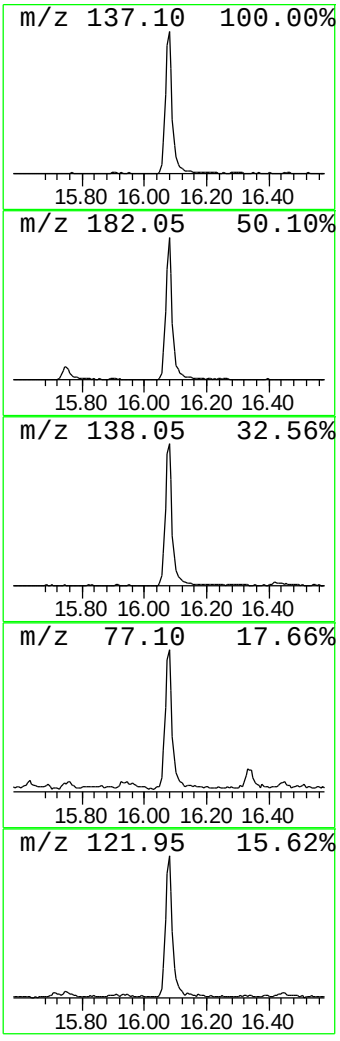
Peak Number 17 Homovanillic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	30.09 ng/ul	1520550	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Homovanillic acid	182	C9H10O4	000306-08-1	81
2	Homovanillic acid	182	C9H10O4	000306-08-1	74
3	Homovanillic acid	182	C9H10O4	000306-08-1	72
4	Phenol, 4-(ethoxymethyl)-2-methoxy-	182	C10H14O3	013184-86-6	58
5	Methyl-(2-hydoxy-3-ethoxy-benzyl...	182	C10H14O3	1000122-14-7	58





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Sample : M1379-16 5X
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Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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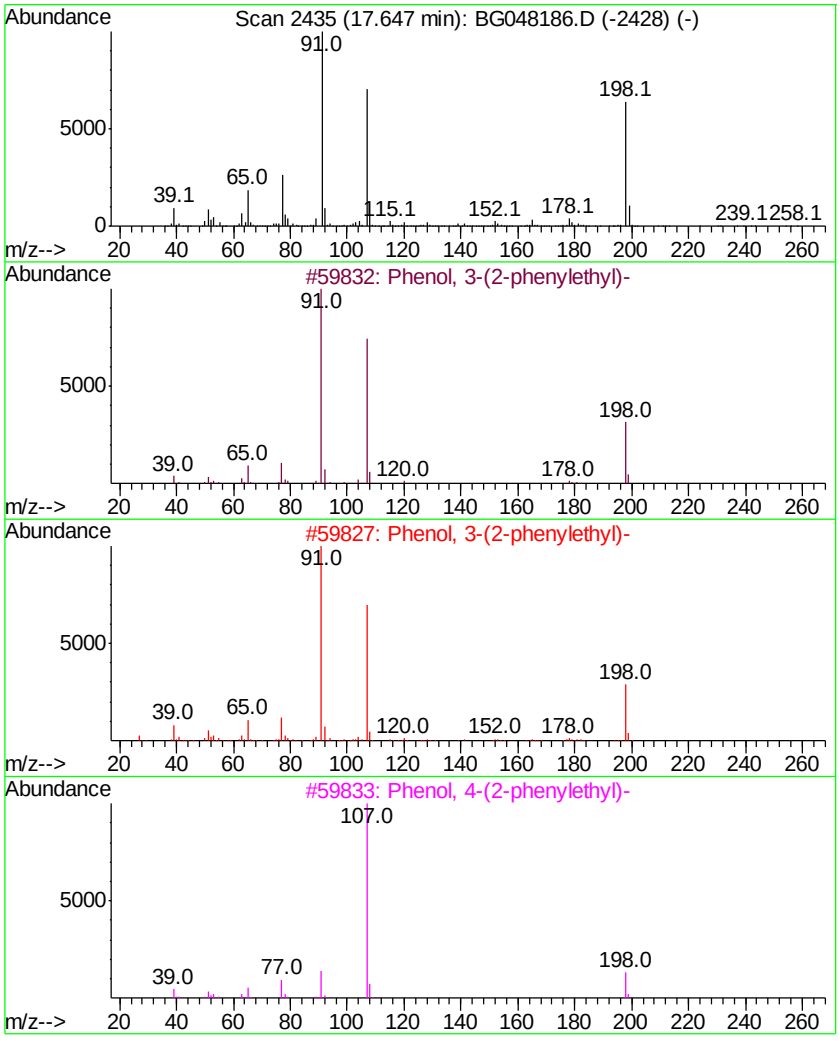
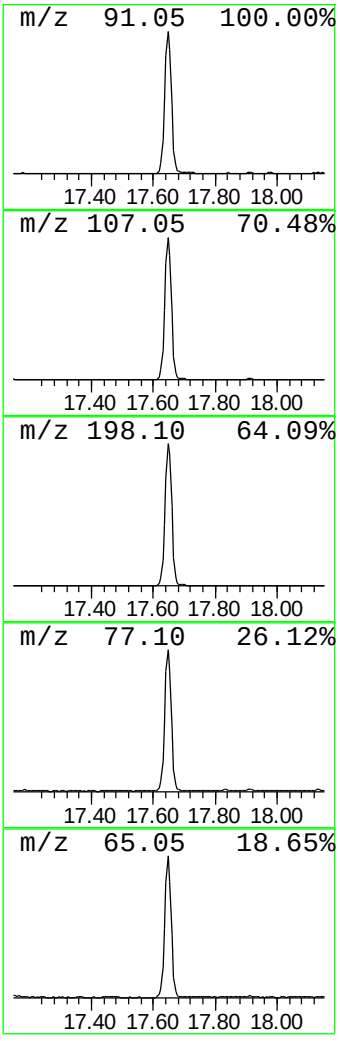
Peak Number 18 Phenol, 3-(2-phenylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	133.19 ng/ul	5307280	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
3	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	87
4	2-Phenyl-4-(cyanomethyl)-5-methy...	198	C11H10N4	013322-20-8	46
5	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	38





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Operator : CG/JU
Sample : M1379-16 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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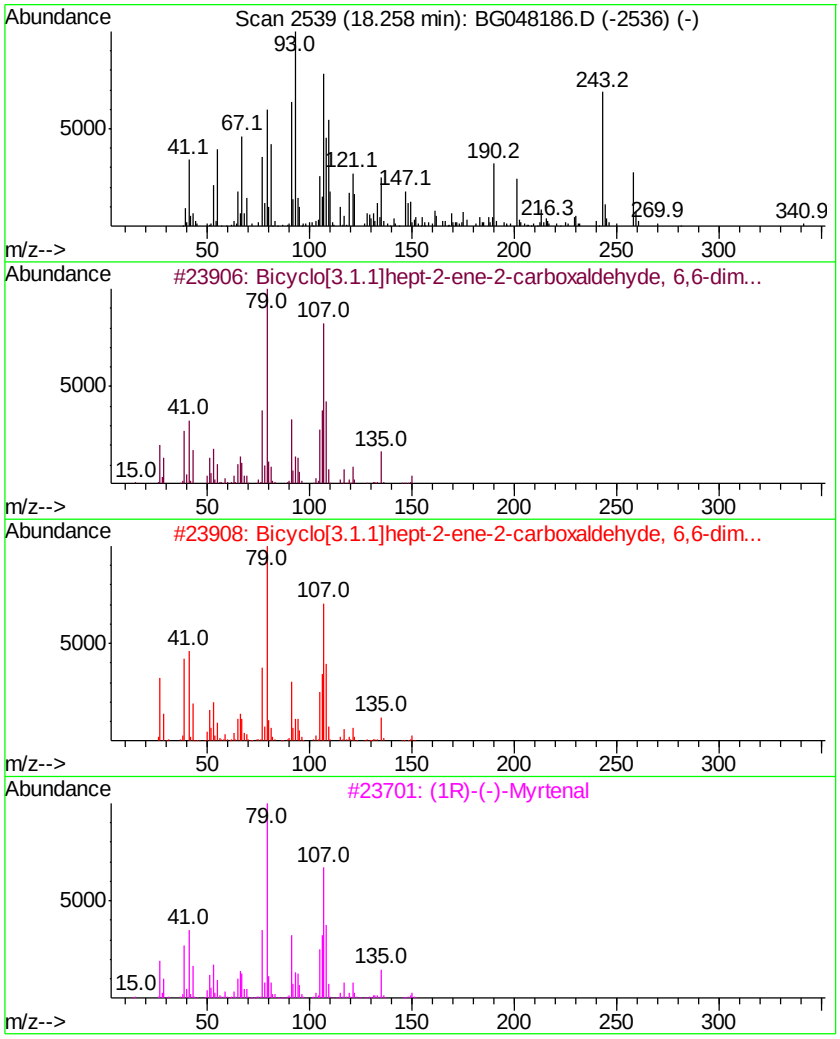
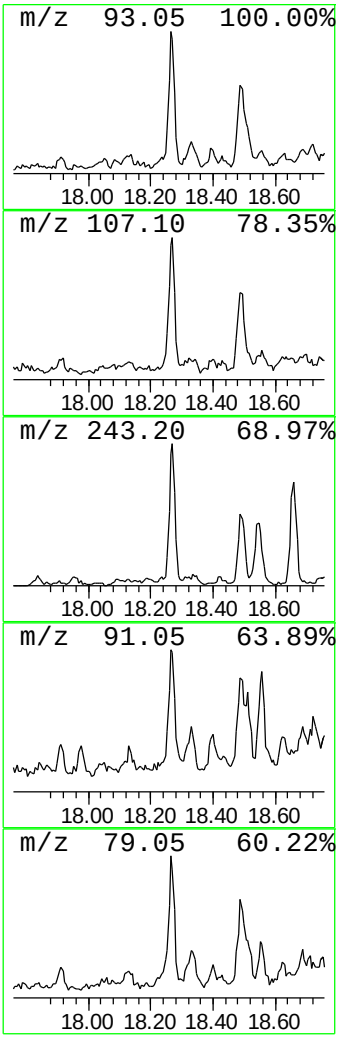
Peak Number 19 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	10.43 ng/ul	415421	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene-2-carbo...	150	C10H14O	000564-94-3	38
2	Bicyclo[3.1.1]hept-2-ene-2-carbo...	150	C10H14O	000564-94-3	25
3	(1R)-(-)-Myrtenal	150	C10H14O	018486-69-6	25
4	N-Benzyl-2,4-dimethoxyaniline	243	C15H17NO2	085775-69-5	25
5	Cyclohexene, 4-ethenyl-3-(1-meth...	162	C12H18	061142-15-2	18





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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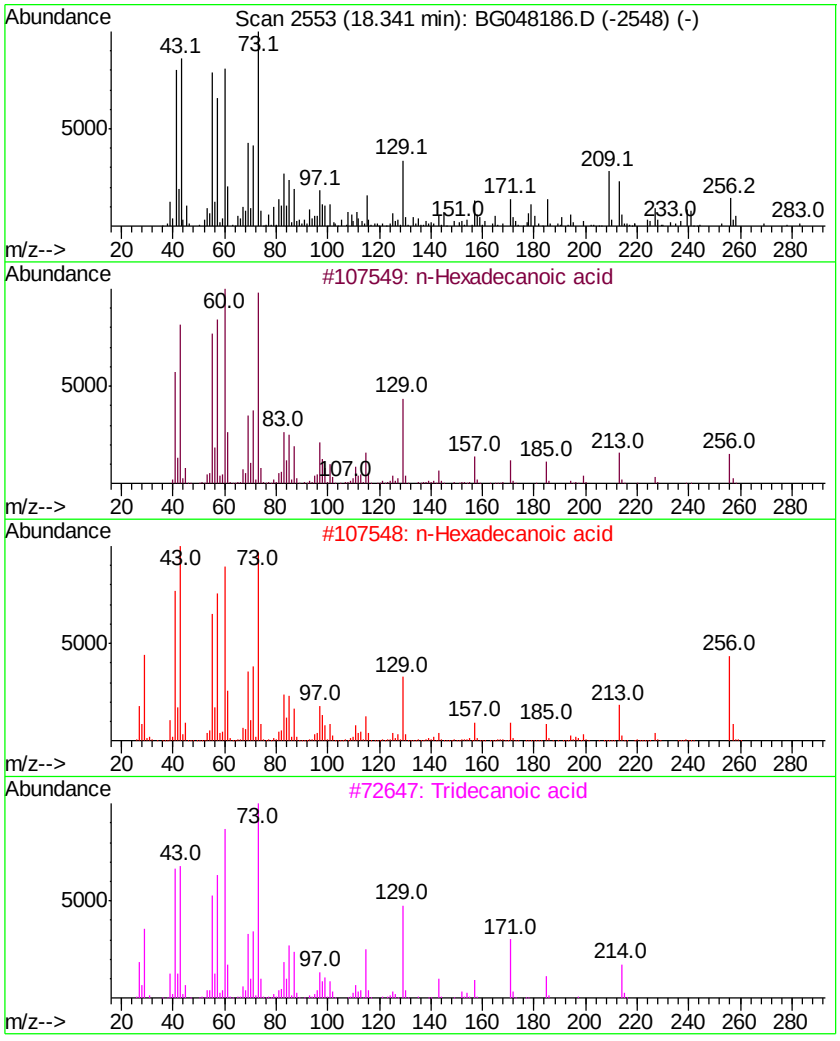
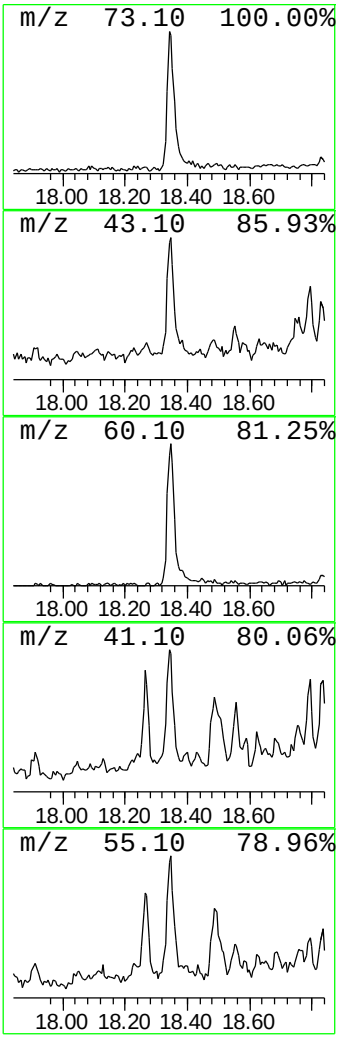
Peak Number 20 n-Hexadecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	9.78 ng/ul	389645	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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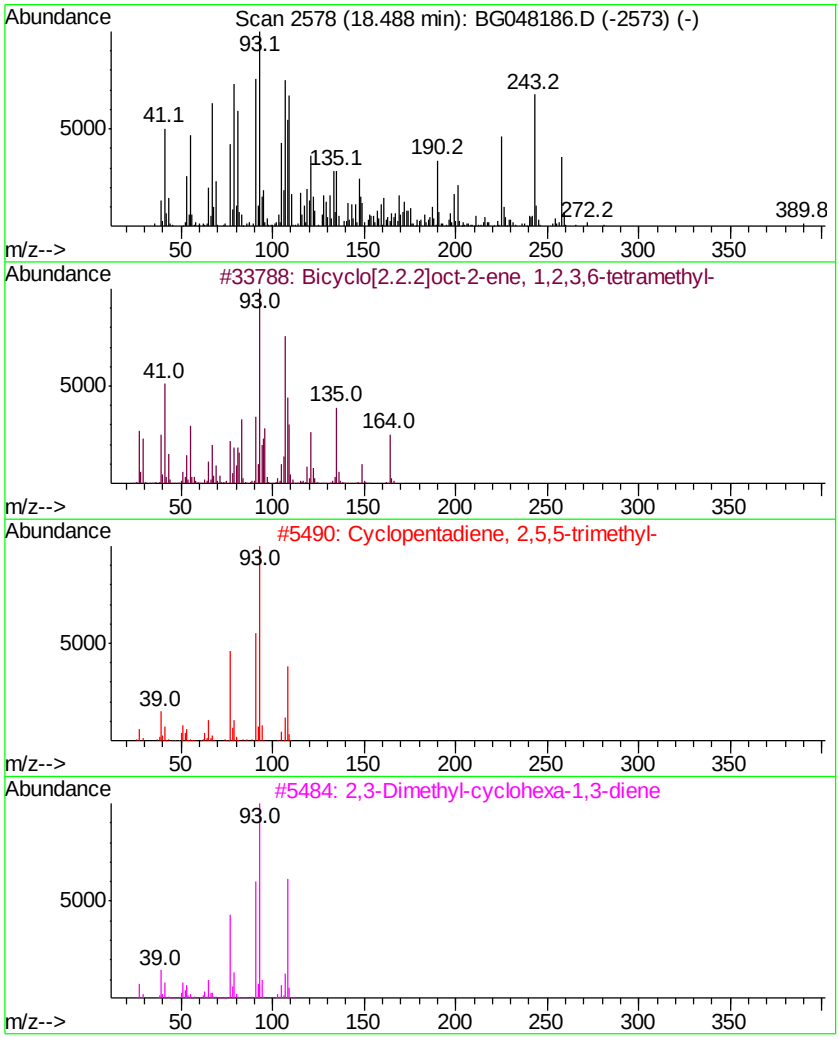
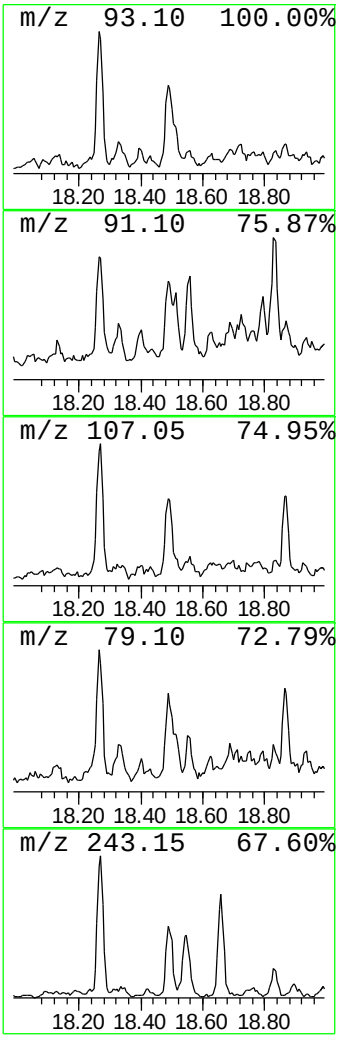
Peak Number 21 Bicyclo[2.2.2]oct-2-ene, 1,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	13.40 ng/ul	533848	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	55
2	Cyclopentadiene, 2,5,5-trimethyl-	108	C8H12	007086-15-9	25
3	2,3-Dimethyl-cyclohexa-1,3-diene	108	C8H12	004430-91-5	25
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	25
5	Silane, dimethyl(2-chloro-5-meth...	258	C12H19ClO2Si	1000347-54-3	25





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Quant Title : SVOA CALIBRATION

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

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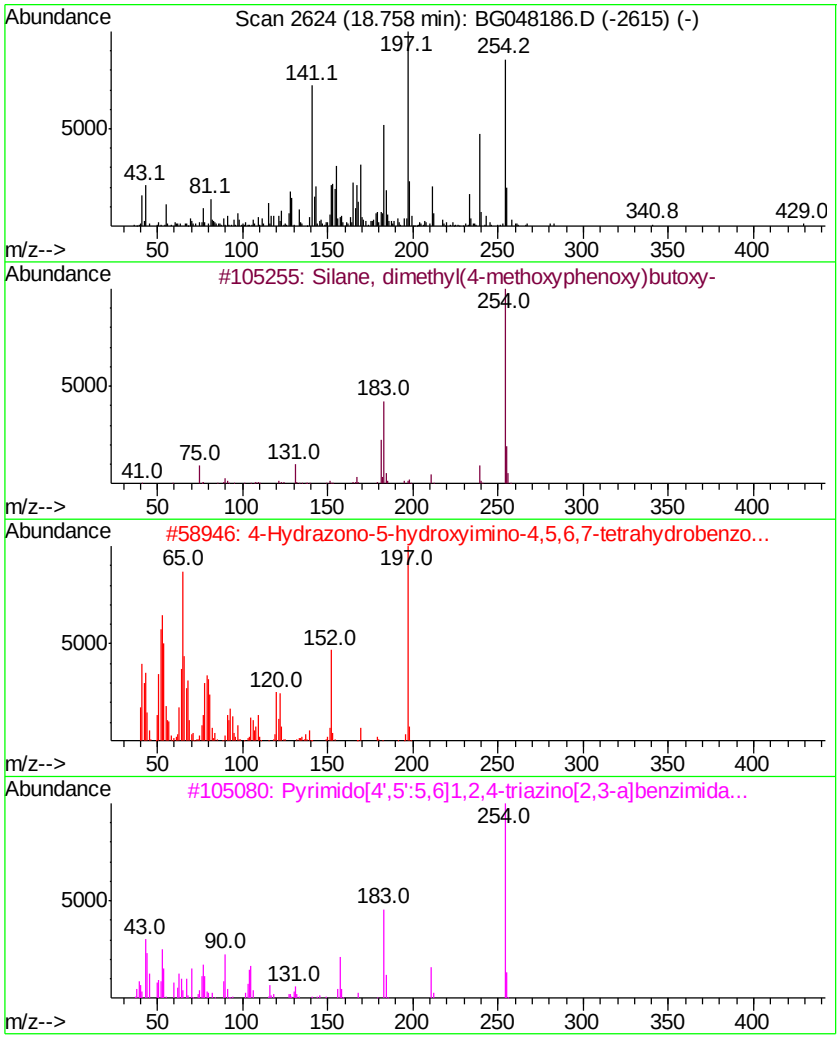
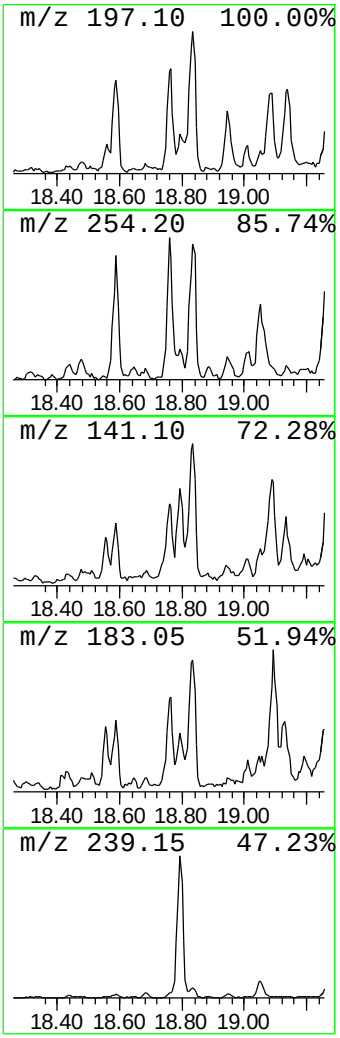
Peak Number 23 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	12.46 ng/ul	496567	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(4-methoxyphenox...	254	C13H22O3Si	1000347-14-2	35
2	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	25
3	Pyrimido[4',5':5,6]1,2,4-triazin...	254	C11H6N6O2	300394-12-1	25
4	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	22
5	Azacyclotridecan-2-one	197	C12H23NO	000947-04-6	15





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Quant Title : SVOA CALIBRATION

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

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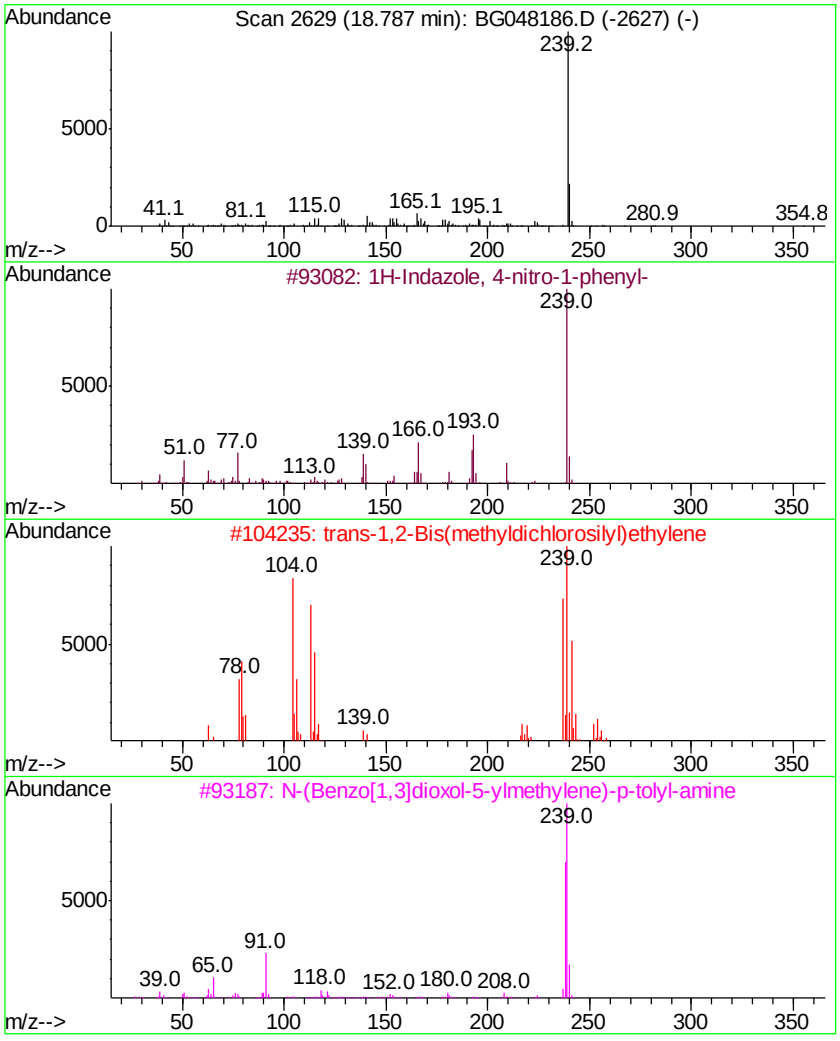
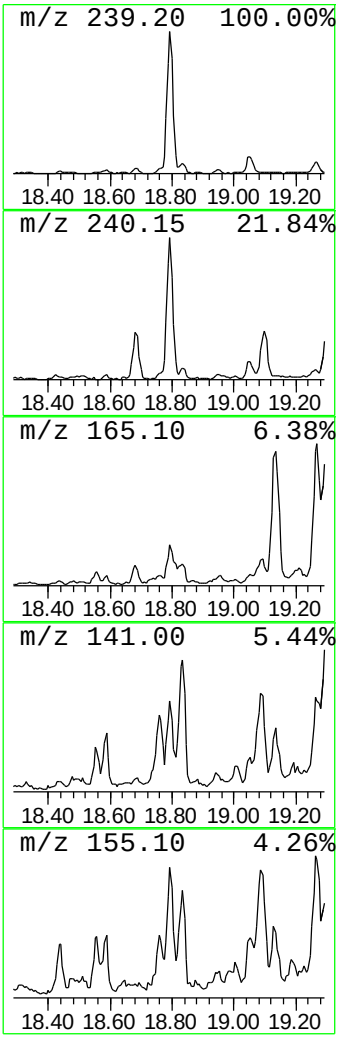
Peak Number 24 1H-Indazole, 4-nitro-1-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	24.86 ng/ul	990402	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 4-nitro-1-phenyl-	239	C13H9N3O2	1000327-29-9	64
2	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	60
3	N-(Benzo[1,3]dioxol-5-ylmethylen...	239	C15H13NO2	007402-58-6	59
4	2-(2-Methoxyethoxy)ethyl 3,5-din...	314	C12H14N2O8	1000378-31-0	53
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	50





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Data File : BG048186.D
Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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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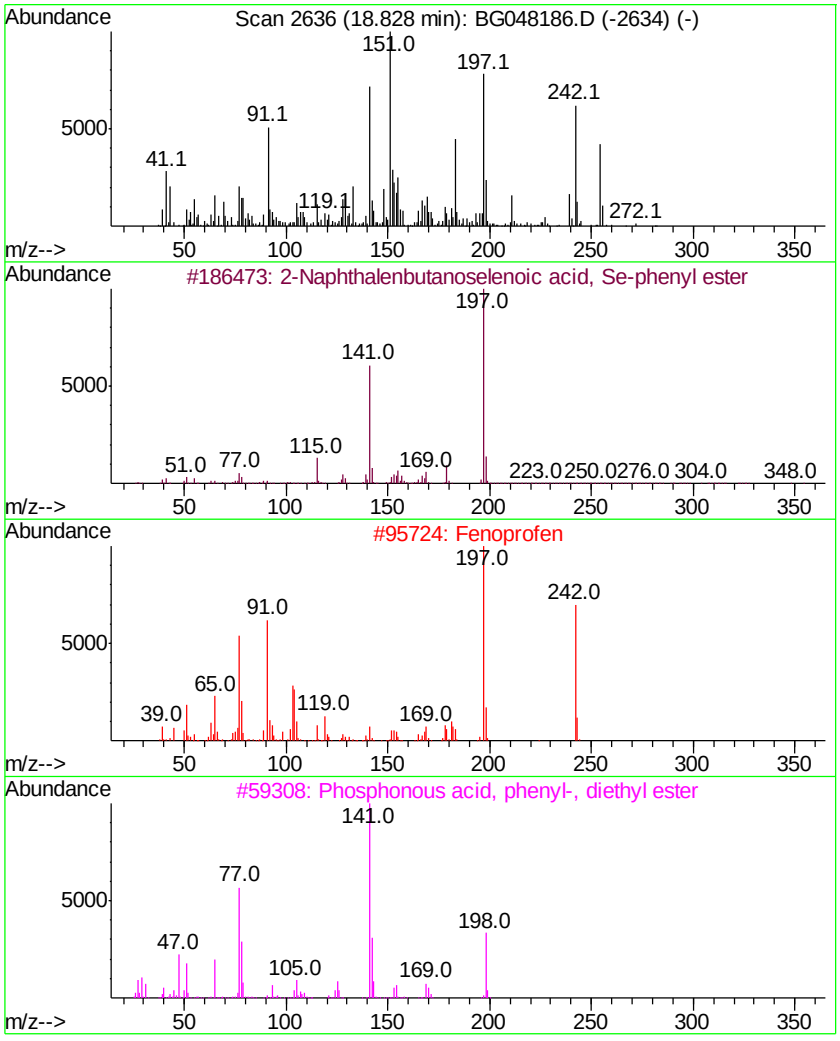
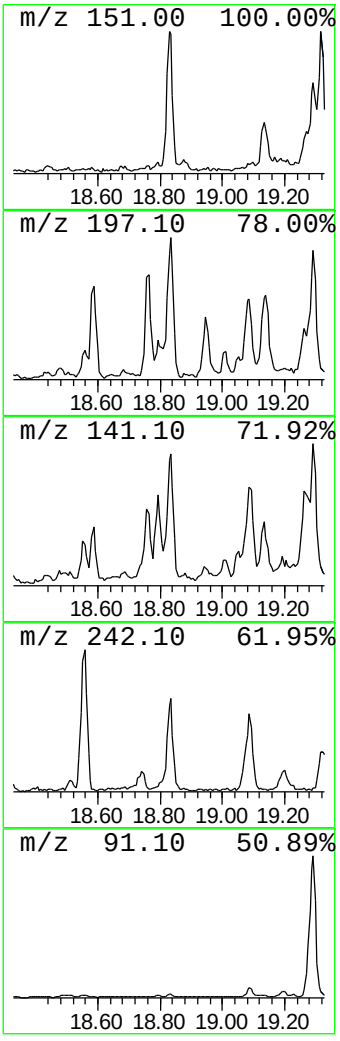
Peak Number 25 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	14.52 ng/ul	578377	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenbutanoselenoic acid,...	354	C20H18OSe	1000197-35-3	27
2	Fenoprofen	242	C15H14O3	031879-05-7	20
3	Phosphonous acid, phenyl-, dieth...	198	C10H15O2P	001638-86-4	15
4	2-Fluorobenzoic acid, trimethysi...	212	C10H13FO2Si	1000373-34-9	15
5	2-Propyn-1-ol, triisobutylsilyl ...	254	C15H30OSi	1000325-62-5	14





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Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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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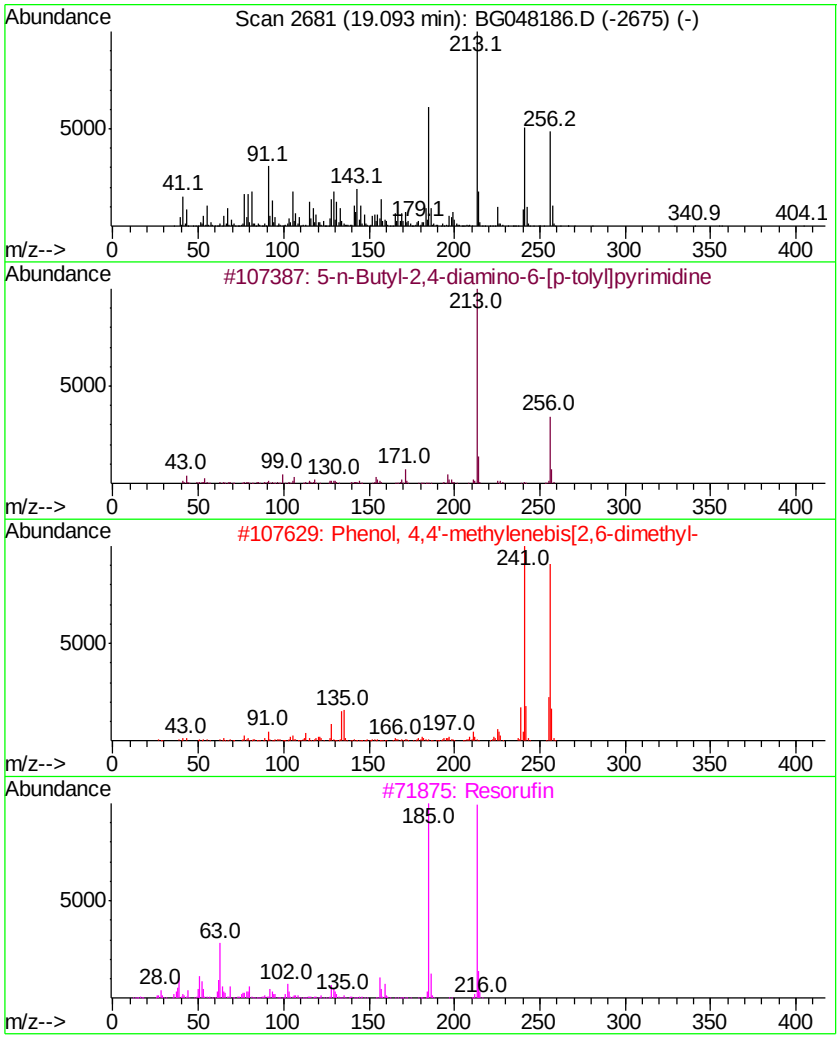
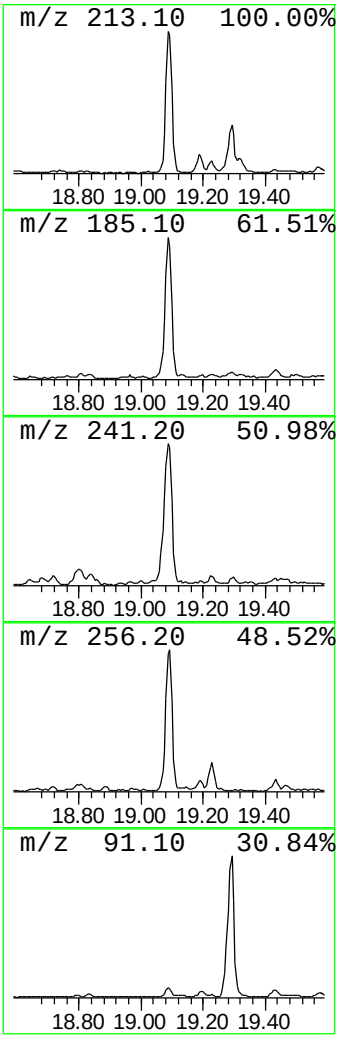
Peak Number 26 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	43.89 ng/ul	1748830	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	43
2	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	38
3	Resorufin	213	C12H7NO3	000635-78-9	38
4	6-[1-[4-Methylphenyl]ethyl]-1,3-...	256	C16H16O3	1000211-52-5	38
5	Anthracene, 9-ethyl-1,2,3,4,5,6,...	214	C16H22	1000159-51-2	35





Library Search Compound Report

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Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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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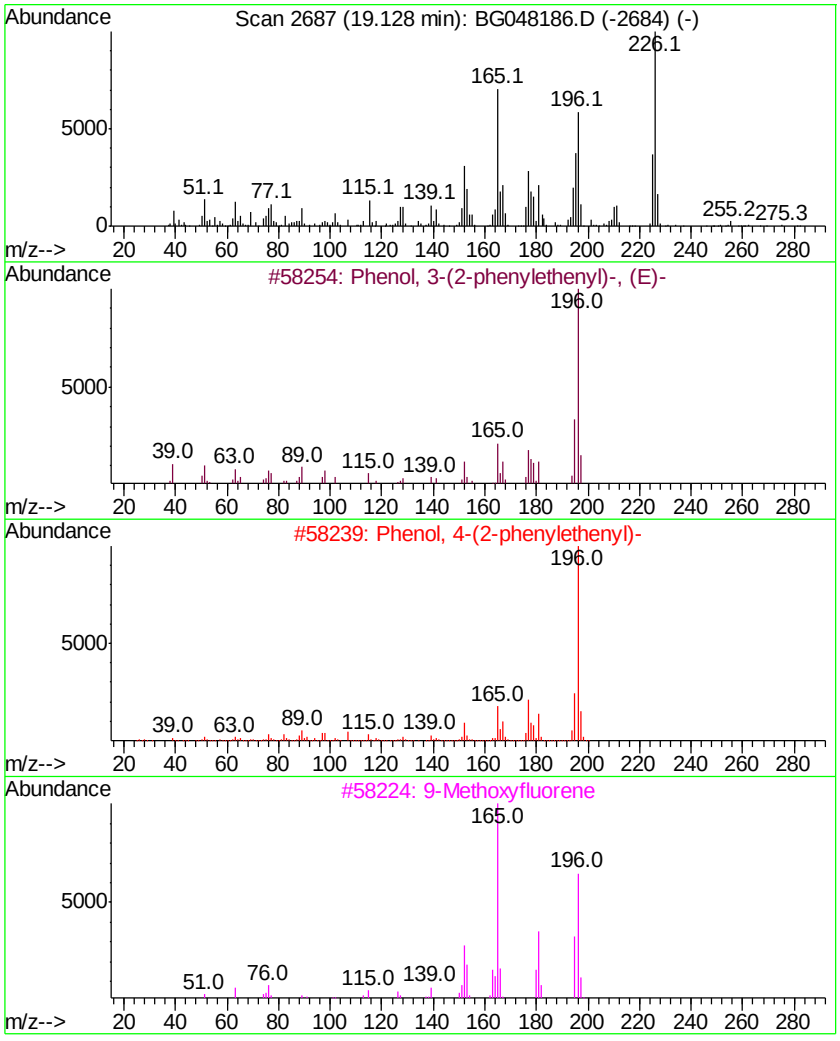
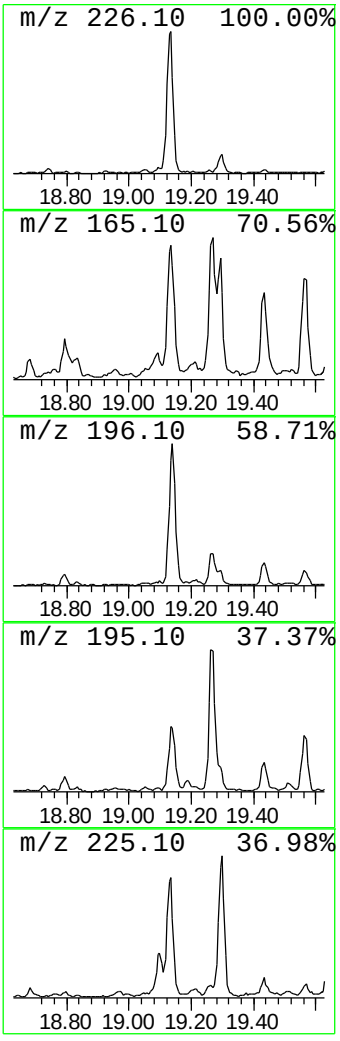
Peak Number 27 Phenol, 3-(2-phenylethenyl)... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	33.69 ng/ul	1342460	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	89
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
3	9-Methoxyfluorene	196	C14H12O	019126-15-9	38
4	Benzofurazan, 4,6-dinitro-, 1-oxide	226	C6H2N4O6	005128-28-9	30
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	30





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Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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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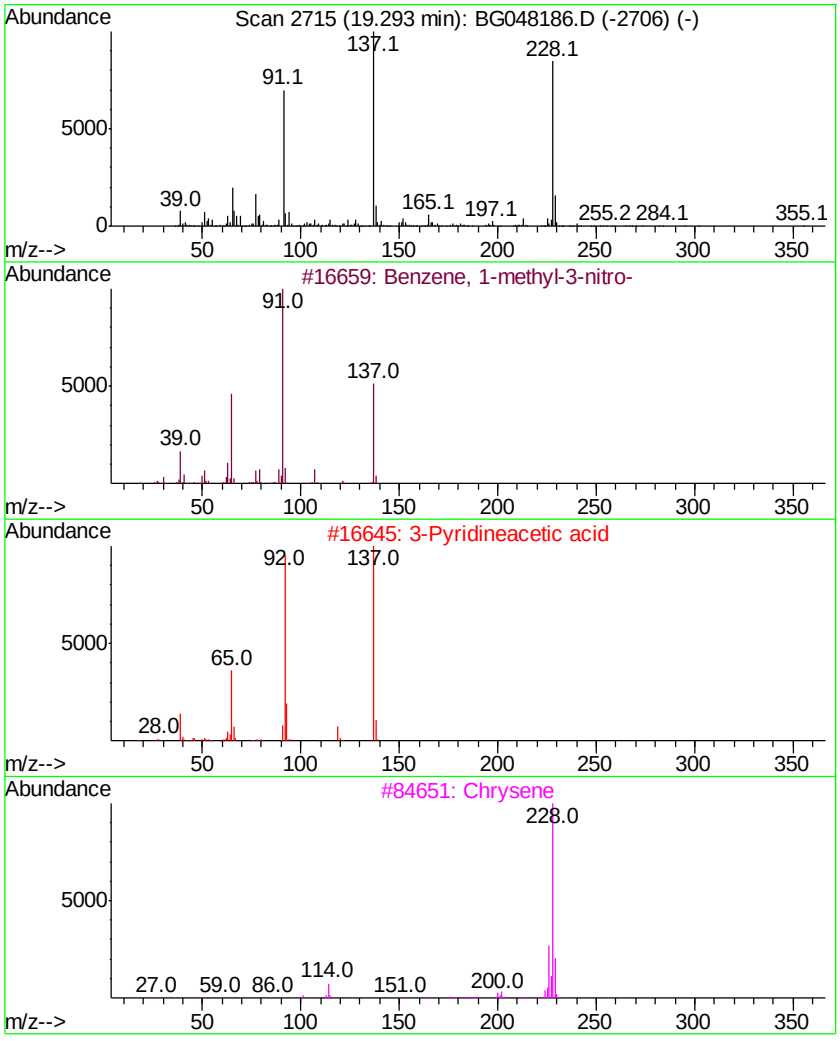
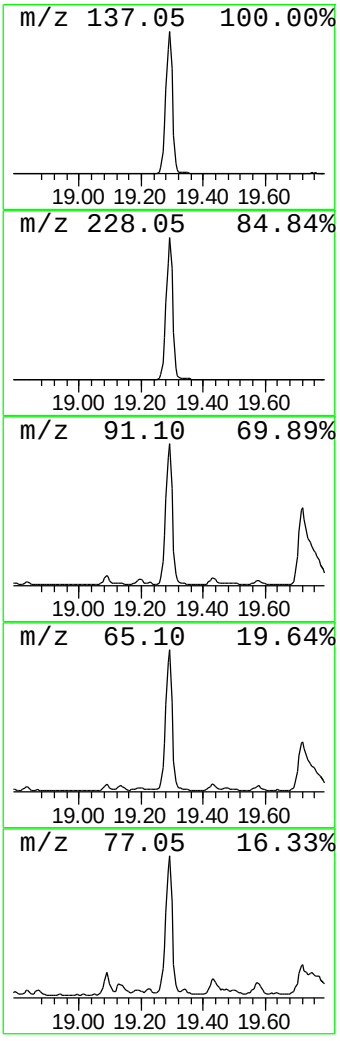
Peak Number 29 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	244.79 ng/ul	9753910	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-nitro-	137	C7H7NO2	000099-08-1	38
2	3-Pyridineacetic acid	137	C7H7NO2	000501-81-5	38
3	Chrysene	228	C18H12	000218-01-9	35
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	35
5	Benz[a]anthracene	228	C18H12	000056-55-3	35





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Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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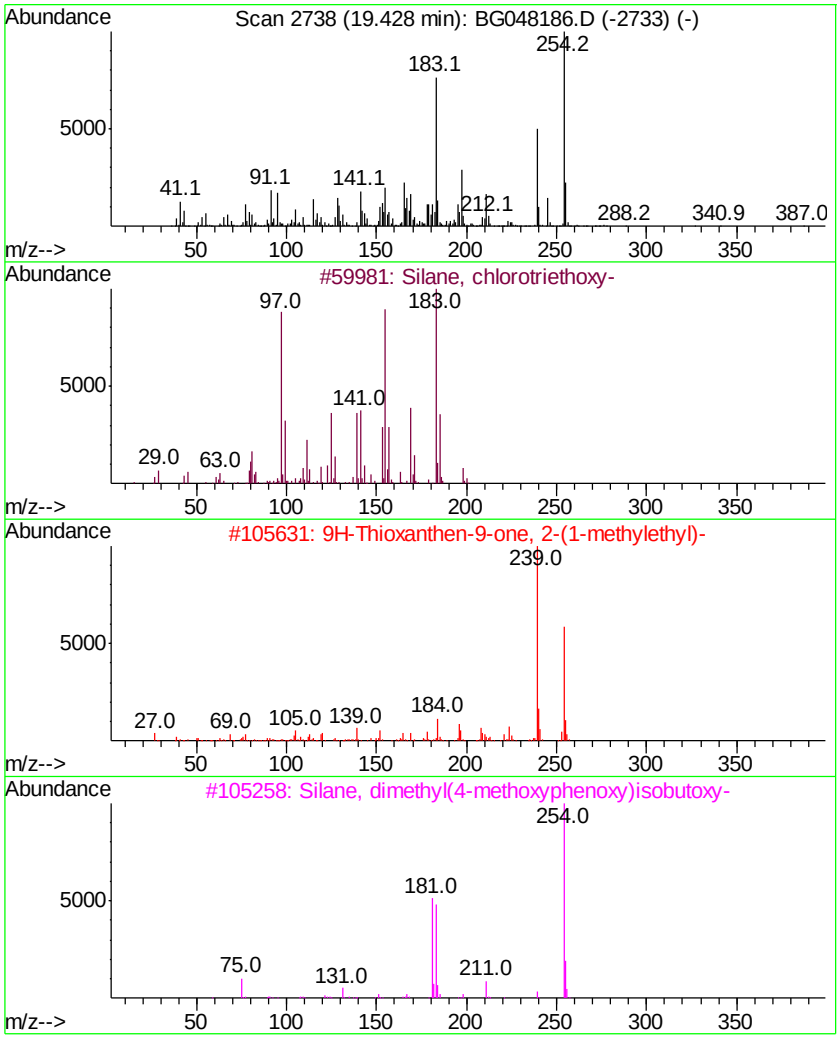
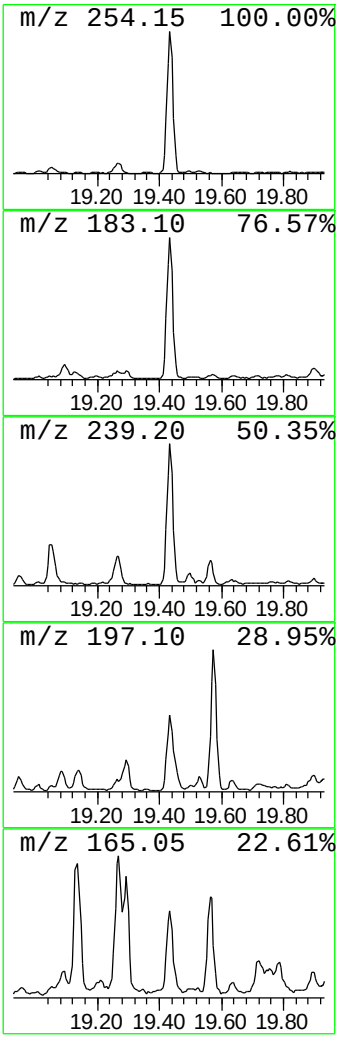
Peak Number 30 Silane, chlorotriethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	68.14 ng/ul	2715110	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotriethoxy-	198	C6H15ClO3Si	004667-99-6	56
2	9H-Thioxanthen-9-one, 2-(1-methy...	254	C16H14OS	005495-84-1	55
3	Silane, dimethyl(4-methoxyphenox...	254	C13H22O3Si	1000347-14-1	49
4	3,4-Dihydro-3,3,9-trimethyl-1(2H...	239	C16H17NO	1000213-22-0	45
5	Acridin-1(2H)-one, 3,4-dihydro-9...	254	C16H18N2O	130186-68-4	42





Library Search Compound Report

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Data File : BG048186.D
Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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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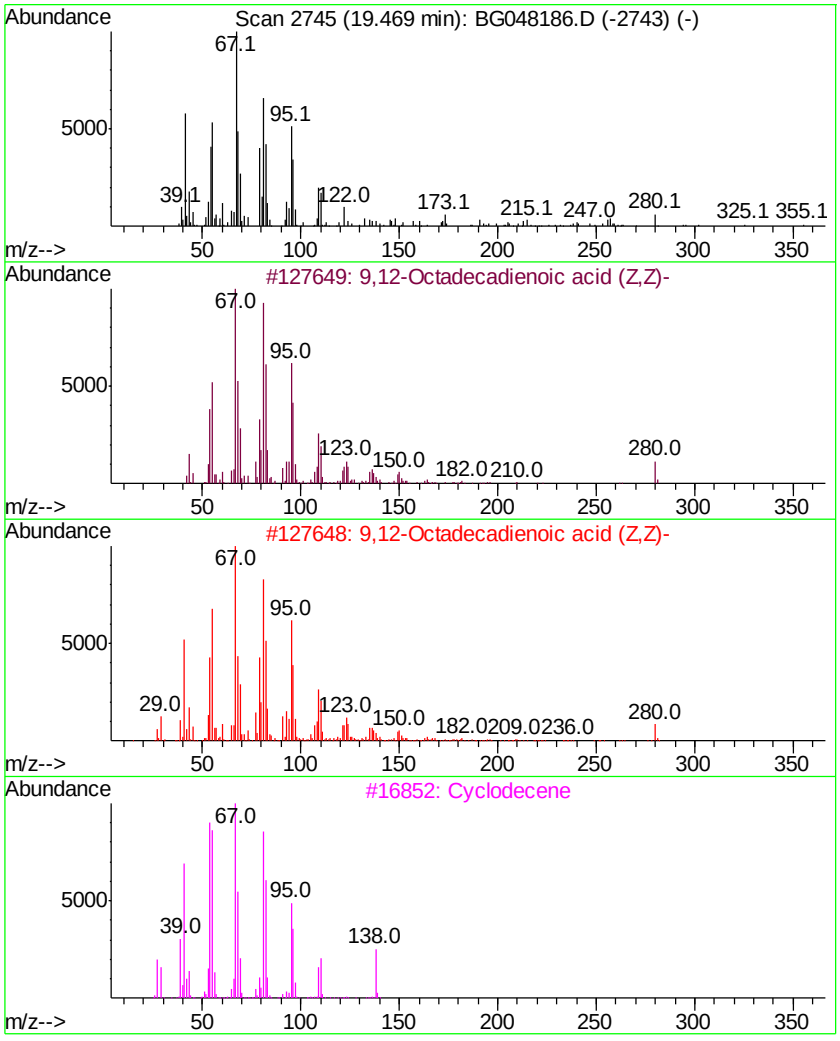
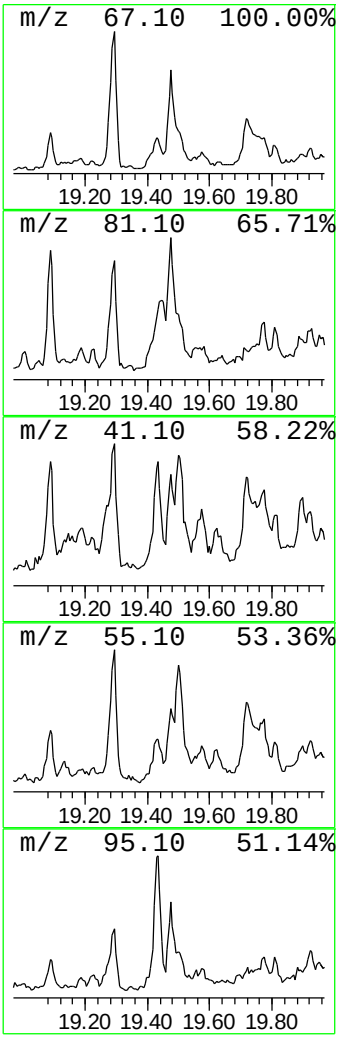
Peak Number 31 9,12-Octadecadienoic acid (... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	9.46 ng/ul	376877	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
3	Cyclodecene	138	C10H18	003618-12-0	93
4	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	91
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	86





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Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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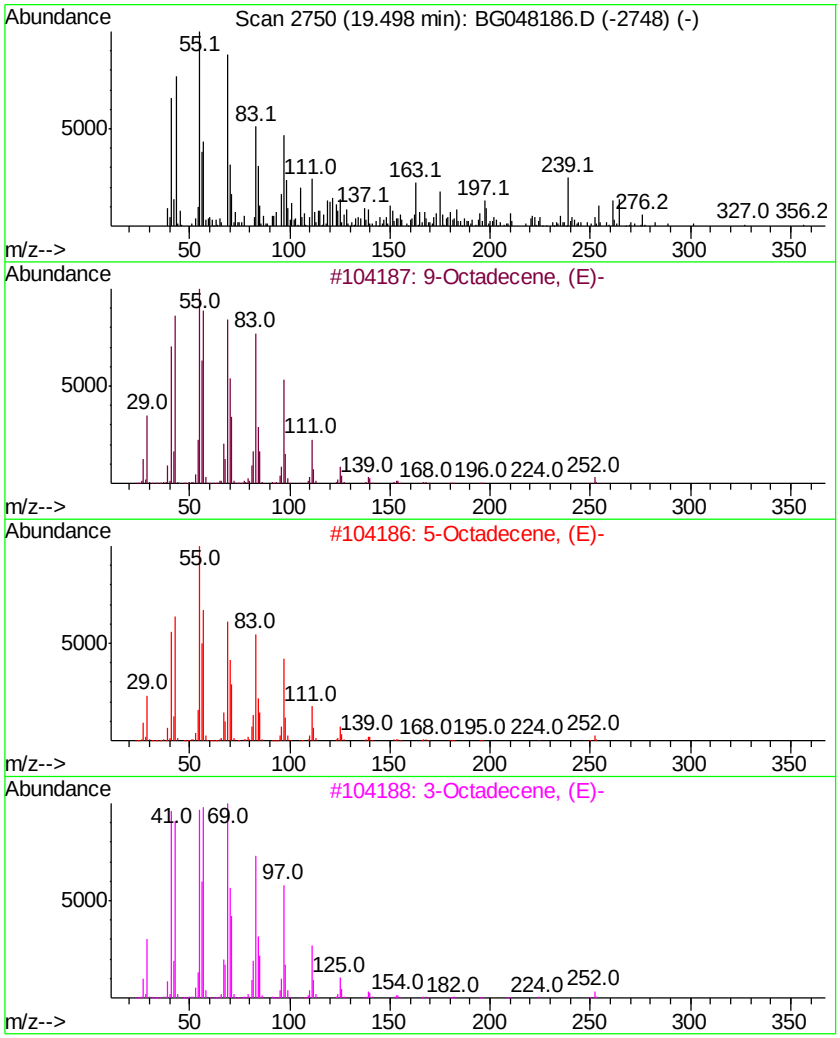
Quant Title : SVOA CALIBRATION

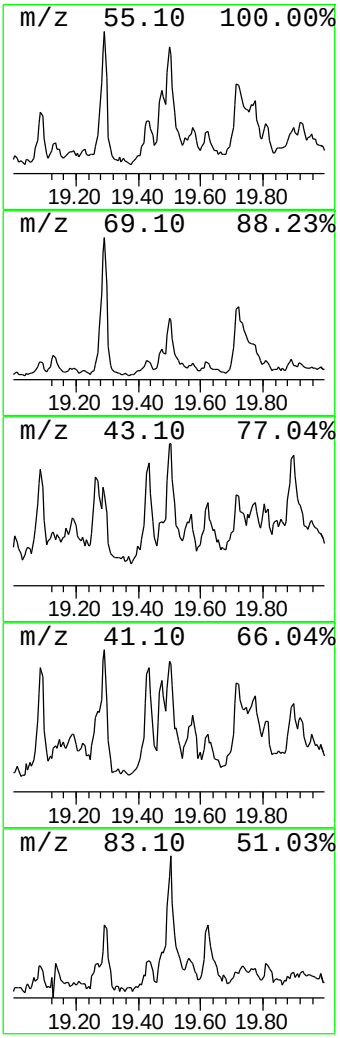
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	15.26 ng/ul	607921	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	83
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	58
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	52
4	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	43
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	43





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Sample : M1379-16 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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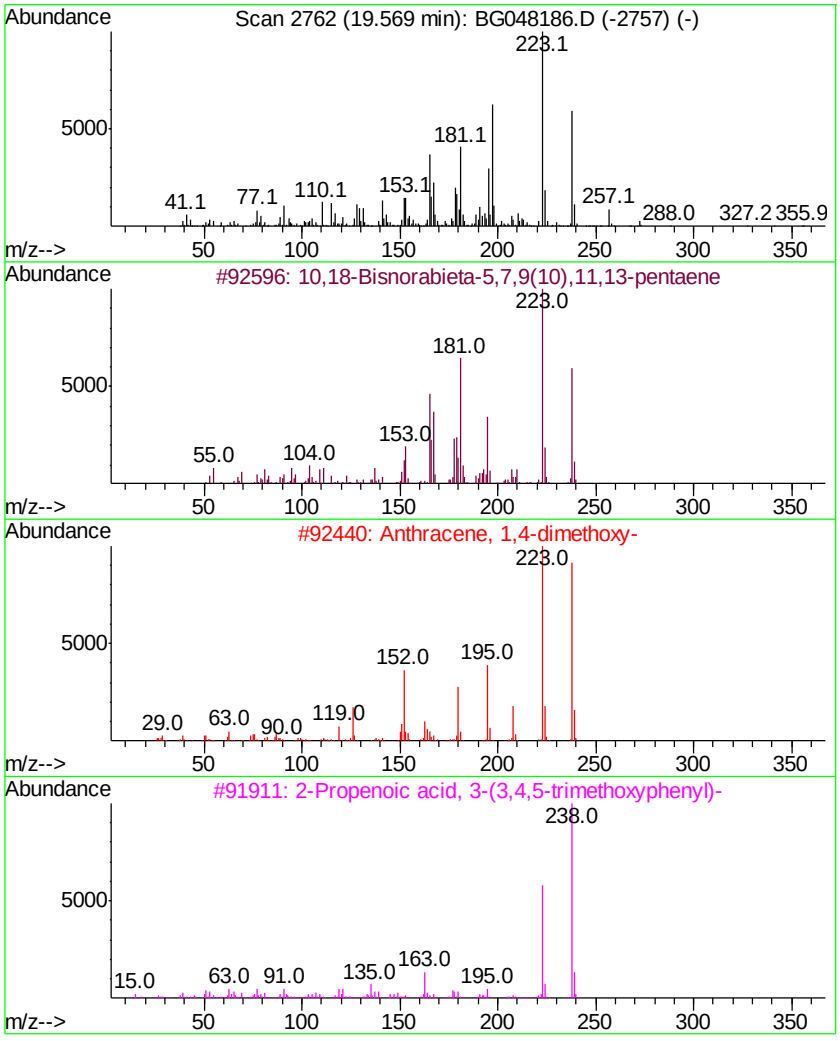
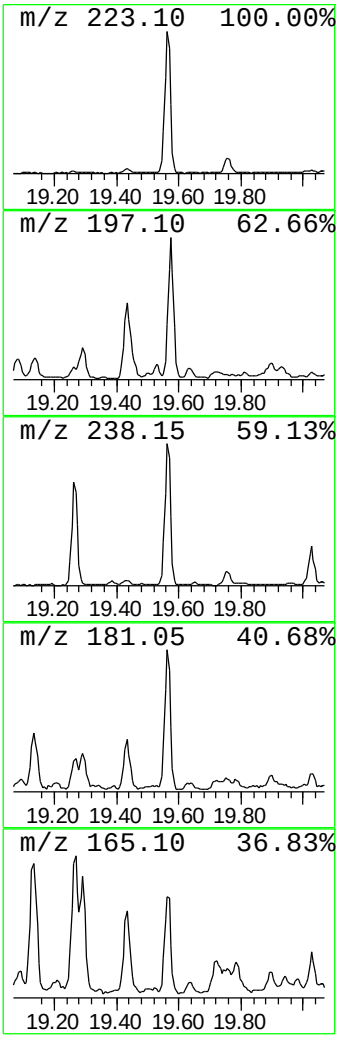
Peak Number 33 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	49.03 ng/ul	1953580	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	50
3	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	45
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	43
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	38





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Sample : M1379-16 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DBH00

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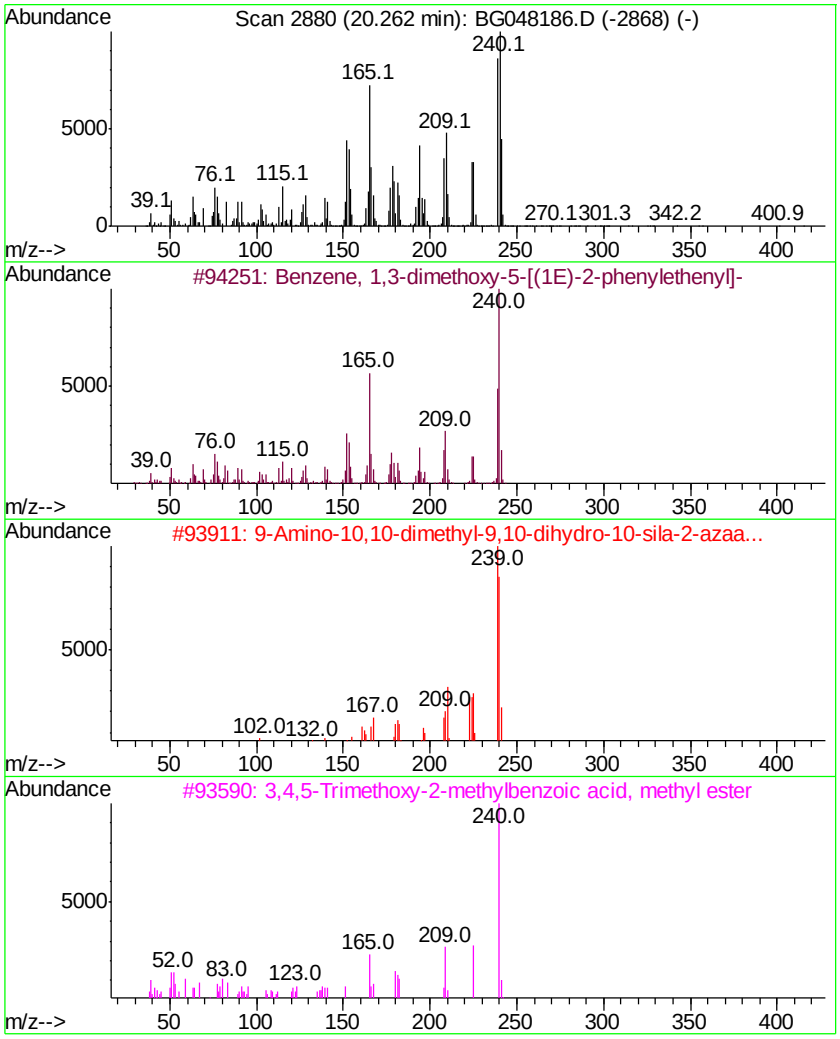
Quant Title : SVOA CALIBRATION

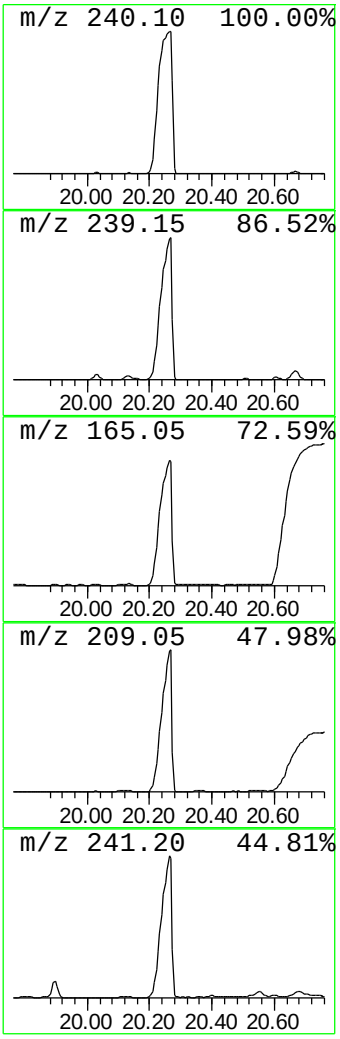
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	10.36 ng/ul	71426700	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	94
2	9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	45
3	3,4,5-Trimethoxy-2-methylbenzoic...	240	C12H16O5	247180-24-1	38
4	Benzenamine, 4-[2-(4-nitrophenyl...	240	C14H12N2O2	004629-58-7	30
5	Pyrrolo[2,3-f]quinolin-7-one, 2,...	240	C15H16N2O	1000302-73-0	27





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Instrument : BNA_G
ClientSampleId : DBH00

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Quant Title : SVOA CALIBRATION

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

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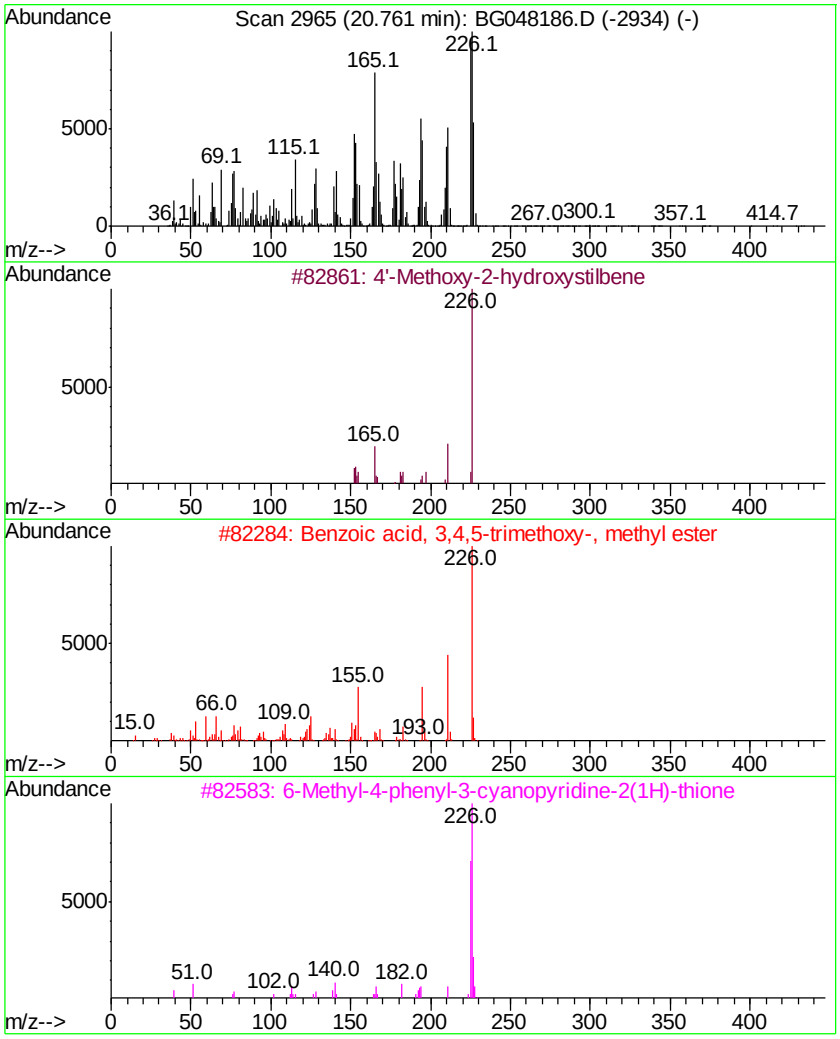
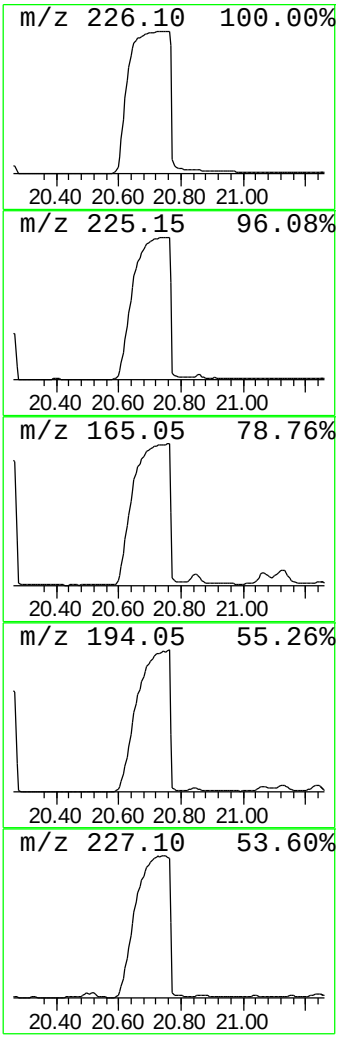
Peak Number 35 4'-Methoxy-2-hydroxystilbene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	43.64 ng/ul	300944000	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methoxy-2-hydroxystilbene	226	C15H14O2	1000147-93-1	70
2	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	38
3	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	30
4	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	25
5	4-Thiazolemethanol, 2-(4-chlorop...	225	C10H8ClNOS	036093-99-9	25





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Quant Title : SVOA CALIBRATION

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

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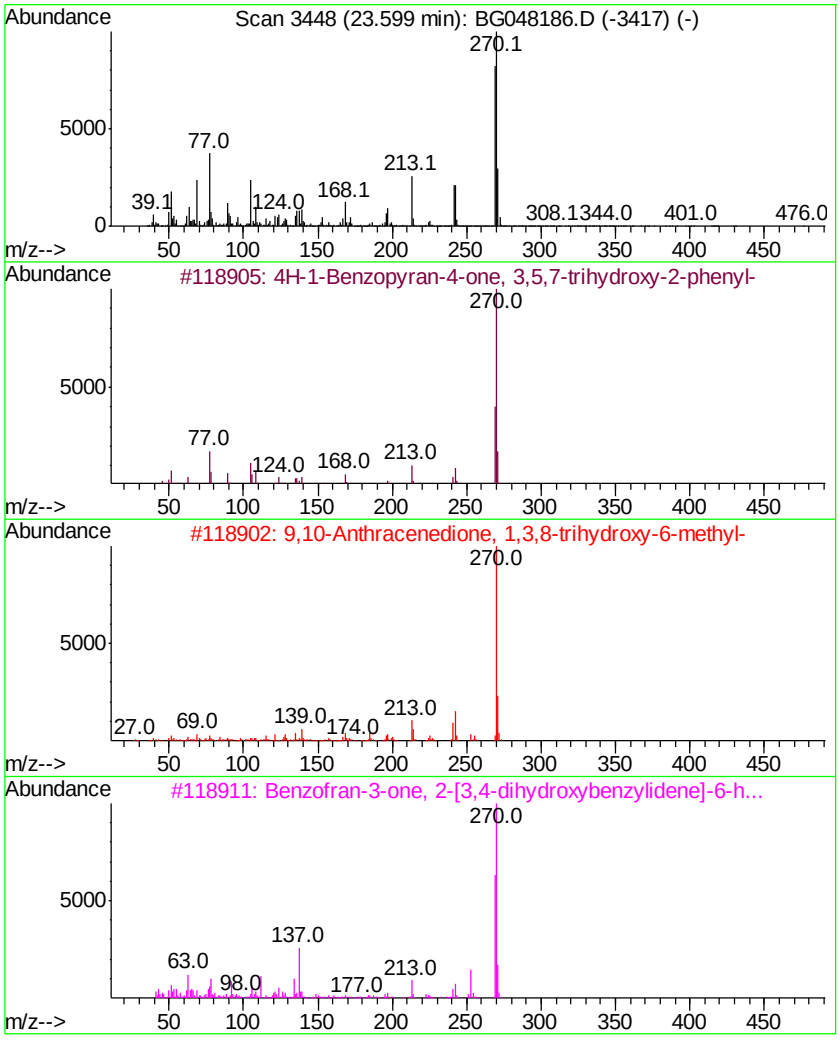
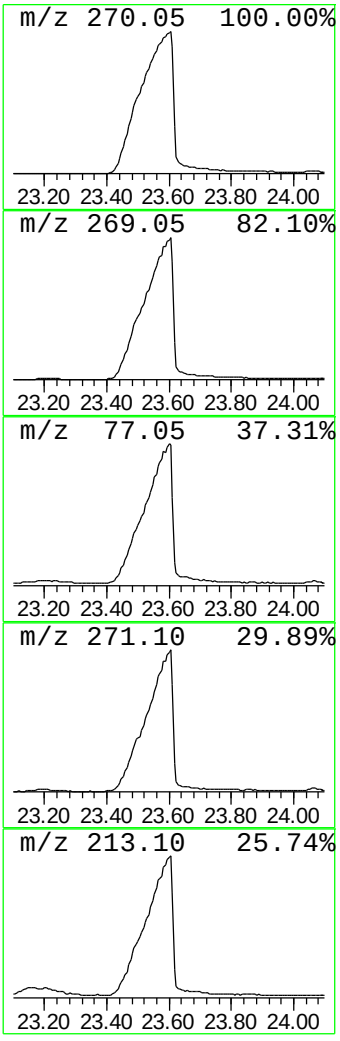
Peak Number 41 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	209.10 ng/ul	87626500	Perylene-d12	25.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3,5,7-tri...	270	C15H10O5	000548-83-4	49
2	9,10-Anthracenedione, 1,3,8-trih...	270	C15H10O5	000518-82-1	49
3	Benzofran-3-one, 2-[3,4-dihydrox...	270	C15H10O5	1000128-63-2	45
4	9-Benzylidenexanthene	270	C20H14O	027980-52-5	42
5	Acridine, 9-anilino-	270	C19H14N2	003340-22-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021621\
Data File : BG048186.D
Acq On : 17 Feb 2021 11:54
Operator : CG/JU
Sample : M1379-16 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH00

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
p-Cymene	8.24	29.9	ng/ul	740802	1	8.10	495443	20.0
D-Limonene	8.32	64.0	ng/ul	1586420	1	8.10	495443	20.0
Eucalyptol	8.41	20.7	ng/ul	512791	1	8.10	495443	20.0
Bicyclo[2.2.1]hep...	9.82	23.6	ng/ul	518514	2	10.91	439092	20.0
Cyclohexanol, 1-m...	10.24	55.0	ng/ul	1207960	2	10.91	439092	20.0
(+)-2-Bornanone	10.32	14.6	ng/ul	320093	2	10.91	439092	20.0
endo-Borneol	10.68	95.1	ng/ul	2088860	2	10.91	439092	20.0
unknown-01	10.97	123.9	ng/ul	2719840	2	10.91	439092	20.0
Cyclohexene, 3-me...	11.03	23.0	ng/ul	504280	2	10.91	439092	20.0
Cyclohexanemethan...	12.64	205.5	ng/ul	4512090	2	10.91	439092	20.0
3,7-Octadien-2-ol...	12.91	30.4	ng/ul	1538030	3	14.72	1010560	20.0
Homovanillic acid	16.08	30.1	ng/ul	1520550	3	14.72	1010560	20.0
Phenol, 3-(2-phen...	17.65	133.2	ng/ul	5307280	4	17.47	796928	20.0
unknown-02	18.26	10.4	ng/ul	415421	4	17.47	796928	20.0
n-Hexadecanoic acid	18.34	9.8	ng/ul	389645	4	17.47	796928	20.0
Bicyclo[2.2.2]oct...	18.49	13.4	ng/ul	533848	4	17.47	796928	20.0
unknown-03	18.76	12.5	ng/ul	496567	4	17.47	796928	20.0
1H-Indazole, 4-ni...	18.79	24.9	ng/ul	990402	4	17.47	796928	20.0
unknown-04	18.83	14.5	ng/ul	578377	4	17.47	796928	20.0
unknown-05	19.09	43.9	ng/ul	1748830	4	17.47	796928	20.0
Phenol, 3-(2-phen...	19.13	33.7	ng/ul	1342460	4	17.47	796928	20.0
unknown-06	19.29	244.8	ng/ul	9753910	4	17.47	796928	20.0
Silane, chlorotri...	19.43	68.1	ng/ul	2715110	4	17.47	796928	20.0
9,12-Octadecadien...	19.47	9.5	ng/ul	376877	4	17.47	796928	20.0
(DEL) Alkane: Str...	19.50	15.3	ng/ul	607921	4	17.47	796928	20.0
10,18-Bisnorabiet...	19.57	49.0	ng/ul	1953580	4	17.47	796928	20.0
Benzene, 1,3-dime...	20.26	10.4	ng/ul	71426700	5	21.78	137910000	20.0
4'-Methoxy-2-hydr...	20.76	43.6	ng/ul	300944000	5	21.78	137910000	20.0
unknown-07	23.60	209.1	ng/ul	87626500	6	25.09	8381180	20.0