LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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	8.073	798	806	810	rBV	261415	431206	0.17%	0.076%
2	8.114	810	813	820	rVB2	224392	351737	0.14%	0.062%
3	8.244	828	835	842	rVB	357288	570592	0.23%	0.100%
4	8.326	842	849	855	rVV	744992	1189334	0.48%	0.209%
5	8.414	858	864	873	rVB	280577	466598	0.19%	0.082%
6	9.836	1101	1106	1116	rVB2	252556	444633	0.18%	0.078%
7	10.259	1169	1178	1187	rBV2	569634	1156297	0.46%	0.203%
8	10.335	1187	1191	1198	rVB3	145122	257230	0.10%	0.045%
9	10.547	1219	1227	1231	rBV3	144000	270014	0.11%	0.048%
10	10.706	1245	1254	1263	rBV	1053169	1827959	0.73%	0.322%
11	10.929	1287	1292	1296	rBV	207691	371723	0.15%	0.065%
12	10.988	1296	1302	1307	rVV	1607875	2722674	1.09%	0.479%
13	11.046	1307	1312	1324	rVB3	216900	413259	0.17%	0.073%
14	12.668	1579	1588	1595	rVV	2159430	3749330	1.50%	0.660%
15	12.932	1626	1633	1639	rBV	785215	1245944	0.50%	0.219%
16	14.742	1933	1941	1953	rVB2	441117	902984	0.36%	0.159%
17	14.854	1953	1960	1970	rBV2	169656	345649	0.14%	0.061%
18	14.995	1977	1984	1992	rBV3	214837	413840	0.17%	0.073%
19	15.171	2009	2014	2022	rVB	251288	385670	0.15%	0.068%
20	15.441	2052	2060	2066	rBV2	231077	488507	0.20%	0.086%
21	16.105	2167	2173	2185	rBV	585925	1019059	0.41%	0.179%
22	17.492	2403	2409	2415	rBV	402970	617284	0.25%	0.109%
23	17.680	2435	2441	2449	rVV	1724739	2424661	0.97%	0.427%
24	18.273	2537	2542	2547	rBV	264972	370280	0.15%	0.065%
25	18.496	2575	2580	2583	rBV4	245005	407201	0.16%	0.072%
26	18.561	2587	2591	2595	rVV	396248	574194	0.23%	0.101%
27	18.755	2620	2624	2629	rVV5	309130	647824	0.26%	0.114%
28	18.802	2629	2632	2636	rVV	706525	876380	0.35%	0.154%
29	18.849	2636	2640	2643	rVB2	287997	353378	0.14%	0.062%
30	18.943	2652	2656	2664	rBV5	168467	365827	0.15%	0.064%
31	19.096	2672	2682	2687	rBV3	861228	1759073	0.70%	0.310%
32	19.166	2688	2694	2698	rBV4	590616	1093615	0.44%	0.192%
33	19.213	2698	2702	2708	rVV4	192688	500658	0.20%	0.088%
34	19.278	2708	2713	2716	rVV	1296245	1802276	0.72%	0.317%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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	19.325	2716	2721	2728	rVB	4173748	6007288	2.41%	1.057%
36	19.442	2736	2741	2750	rVB3	1013704	1632414	0.65%	0.287%
37	19.583	2759	2765	2773	rVB2	1883885	2832600	1.14%	0.498%
38	19.771	2791	2797	2799	rBV	1243671	2225060	0.89%	0.392%
39	19.912	2817	2821	2828	rBV2	464107	840511	0.34%	0.148%
40	19.971	2829	2831	2839	rVB5	273454	454969	0.18%	0.080%
41	20.042	2839	2843	2846	rBV	558973	812433	0.33%	0.143%
42	20.077	2846	2849	2853	rVB2	592233	665018	0.27%	0.117%
43	20.147	2854	2861	2869	rVB3	894238	1955127	0.78%	0.344%
44	20.283	2872	2884	2887	rBV	26810300	58332044	23.37%	10.264%
45	20.306	2887	2888	2892	rVB	1389558	1049633	0.42%	0.185%
46	20.406	2901	2905	2909	rVB2	783838	951858	0.38%	0.167%
47	20.512	2920	2923	2927	rBV5	188502	299040	0.12%	0.053%
48	20.559	2927	2931	2938	rVB2	778297	1334793	0.53%	0.235%
49	20.794	2939	2971	2974	rBV4	36769915	249566905	100.00%	43.915%
50	20.864	2976	2983	2987	rBV3	6980923	13038008	5.22%	2.294%
51	21.146	3023	3031	3034	rBV3	1550269	3771402	1.51%	0.664%
52	21.270	3044	3052	3056	rBV	3529400	6867041	2.75%	1.208%
53	21.311	3056	3059	3062	rVV3	928219	1376096	0.55%	0.242%
54	21.369	3066	3069	3074	rVB	2523924	3365076	1.35%	0.592%
55	21.428	3074	3079	3085	rBV	3213034	5940944	2.38%	1.045%
56	21.887	3133	3157	3186	rVB2	19775814	91495057	36.66%	16.100%
57	22.245	3210	3218	3225	rBV2	5122782	13852068	5.55%	2.437%
58	22.310	3226	3229	3235	rVB	2660783	4305255	1.73%	0.758%
59	22.415	3241	3247	3252	rBV	4003335	8646409	3.46%	1.521%
60	22.721	3294	3299	3301	rBV	1269660	2069743	0.83%	0.364%
61	22.750	3302	3304	3314	rVB	1520929	2725734	1.09%	0.480%
62	23.667	3437	3460	3497	rBV	7673785	46392397	18.59%	8.163%
63	24.918	3665	3673	3690	rVB	1406560	4677591	1.87%	0.823%

Sum of corrected areas: 568299404

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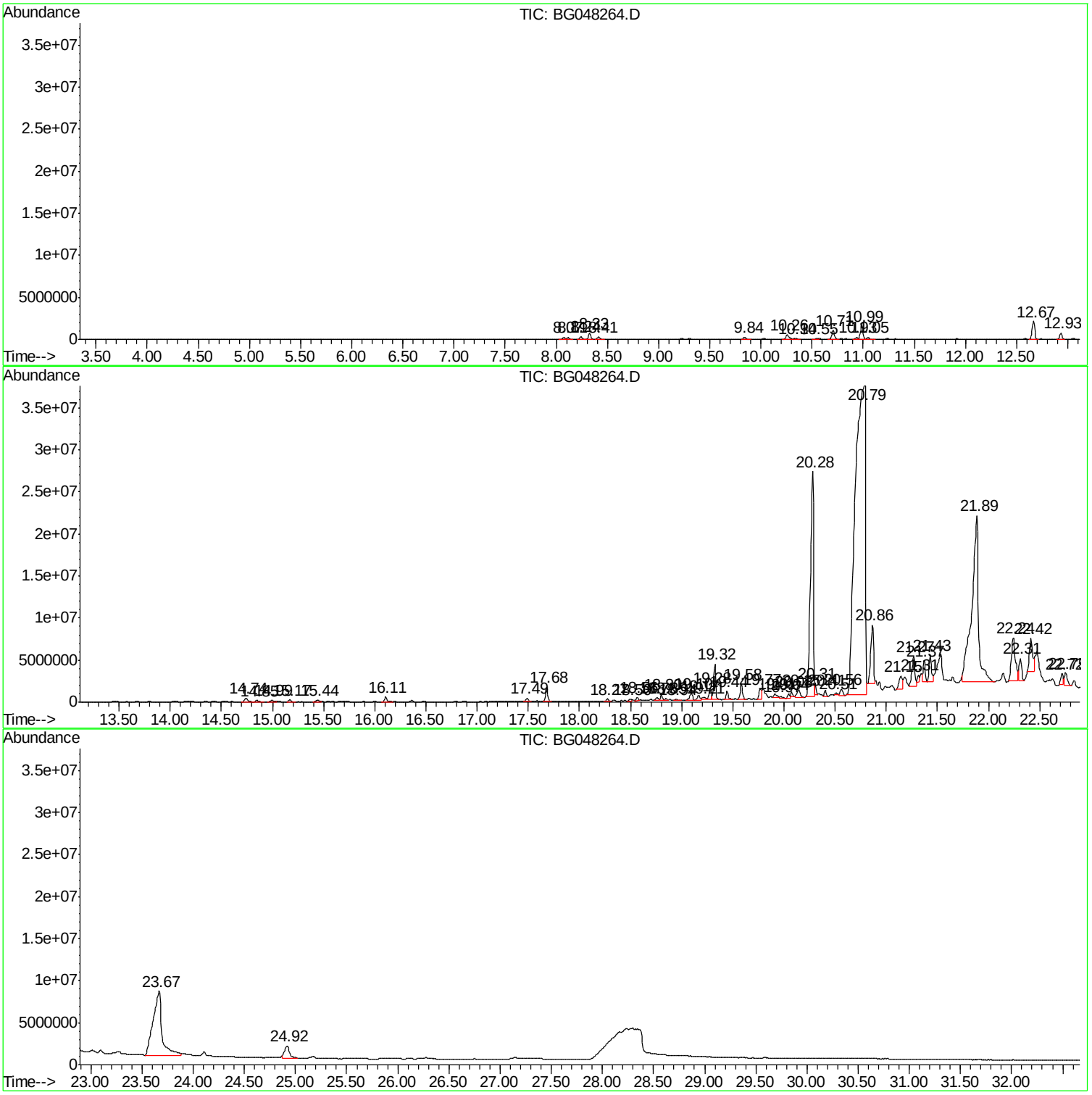
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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TIC Library : C:\DATABASE\NIST11.L
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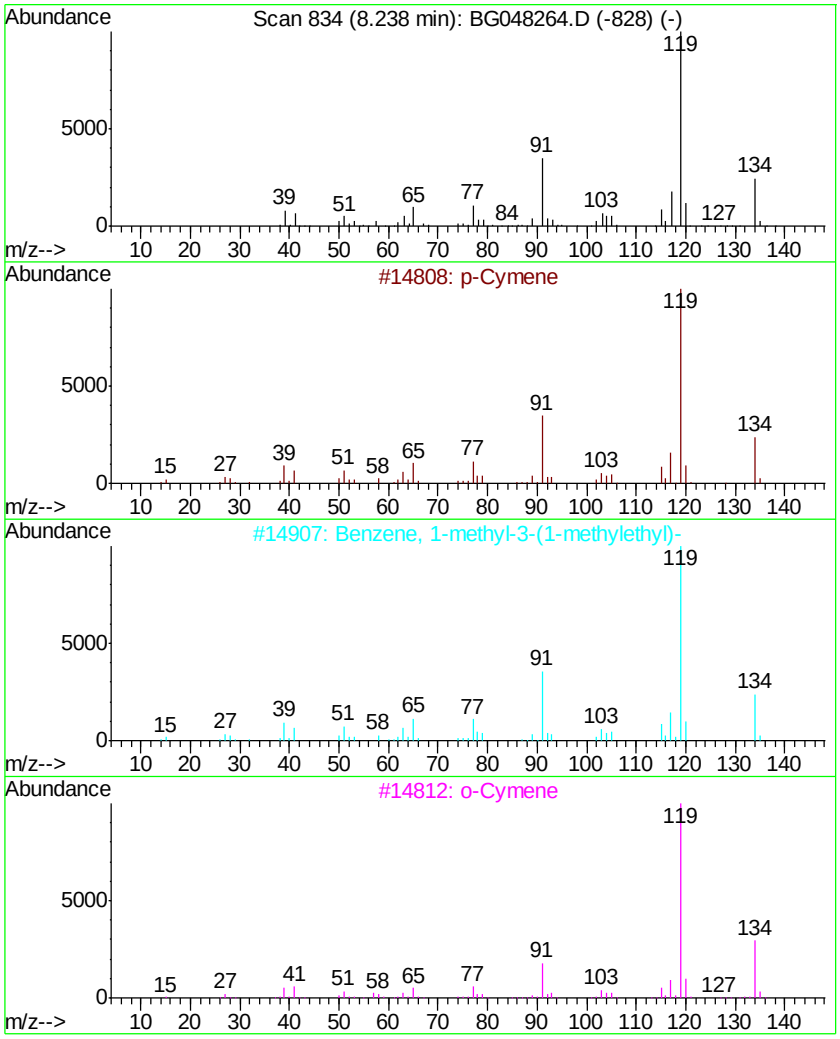
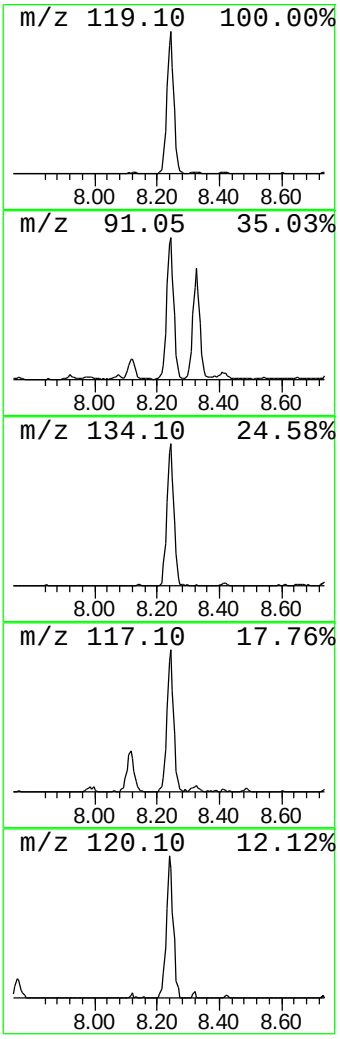
Peak Number 1 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	32.44 ng/ul	570592	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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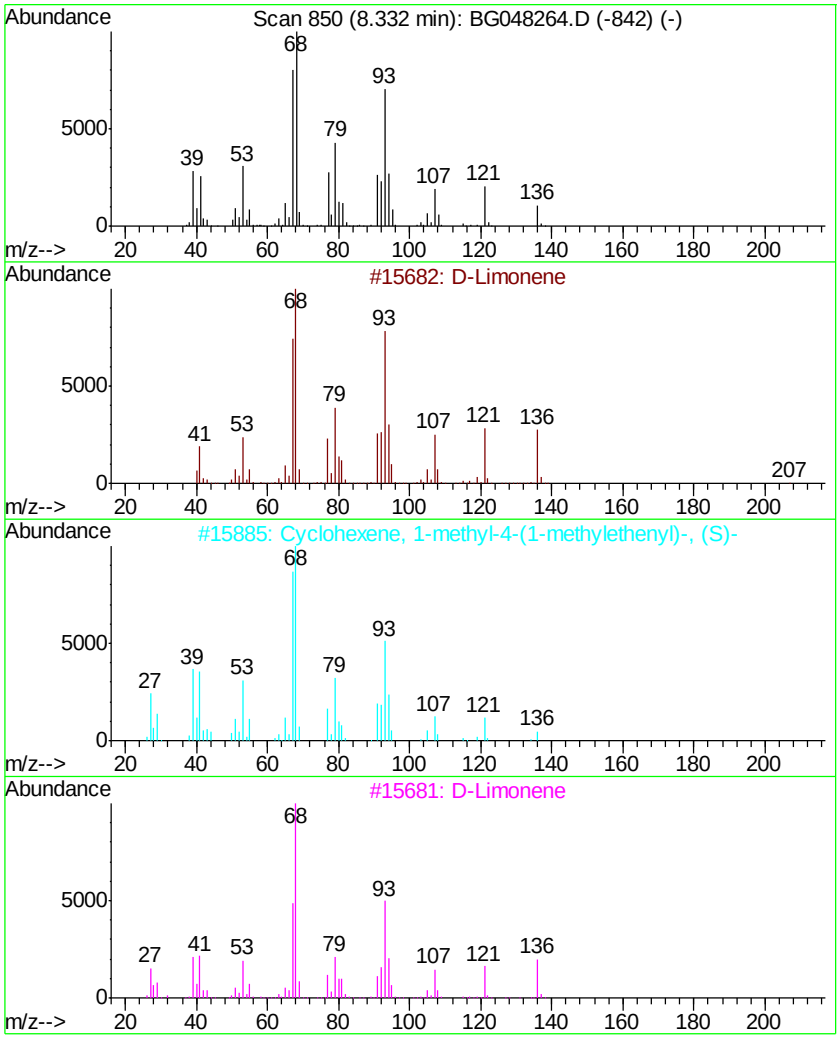
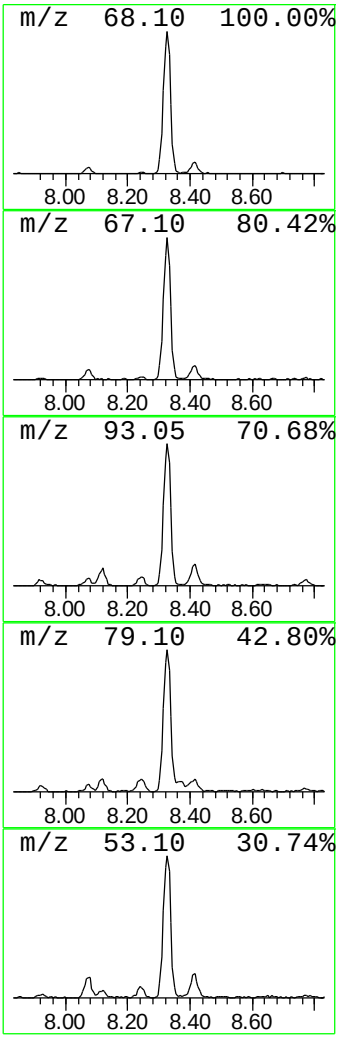
Peak Number 2 D-Limonene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	67.63 ng/ul	1189330	1,4-Dichlorobenzene-d4	8.11

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	94
3	D-Limonene	136	C10H16	005989-27-5	93
4	D-Limonene	136	C10H16	005989-27-5	93
5	Limonene	136	C10H16	000138-86-3	92





Library Search Compound Report

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Data File : BG048264.D
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Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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

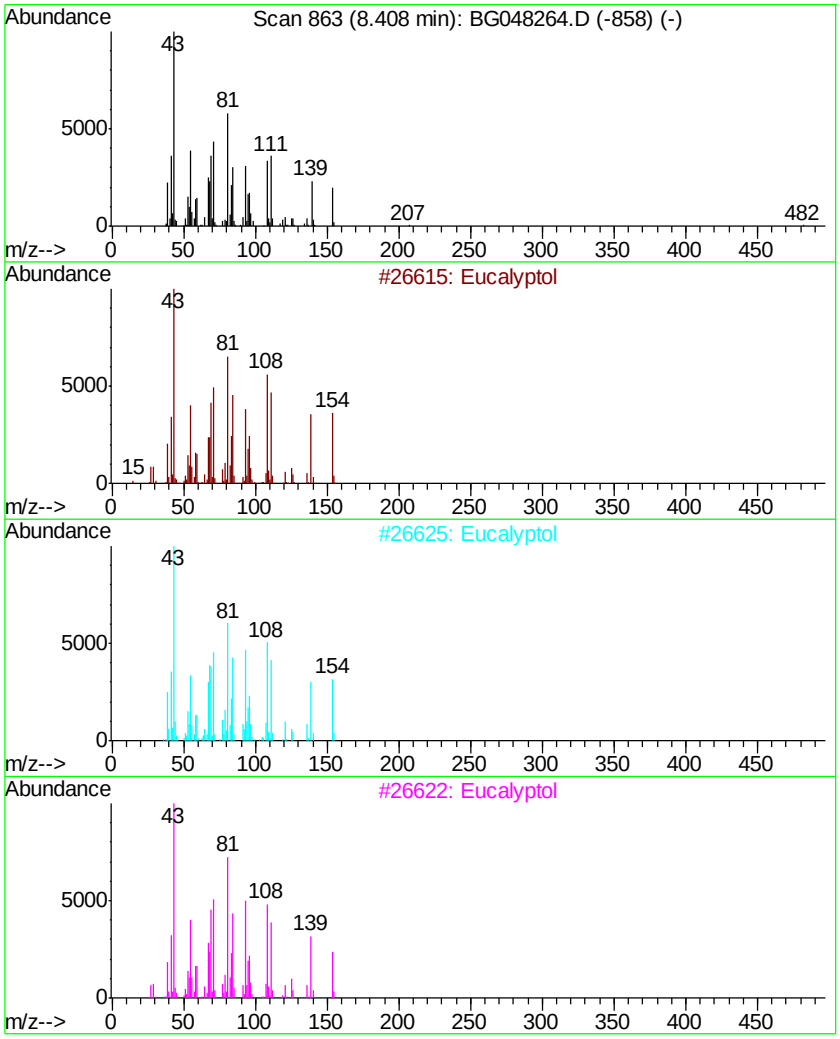
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

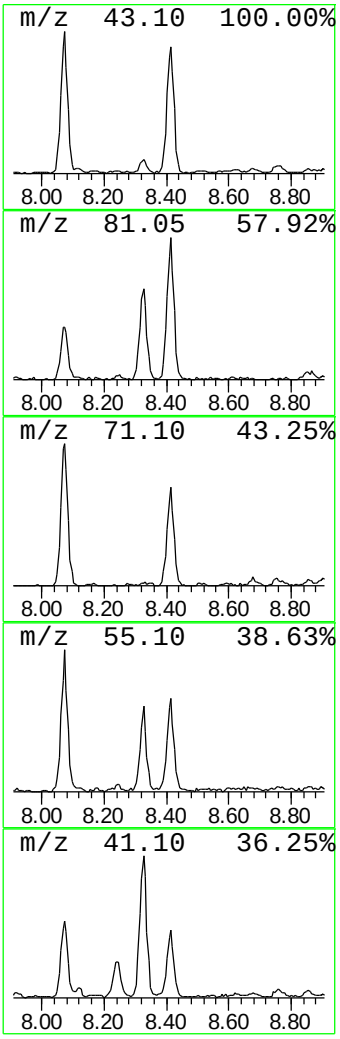
****

Peak Number 3 Eucalyptol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	26.53 ng/ul	466598	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	97
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	90
4	Eucalyptol	154	C10H18O	000470-82-6	76
5	Eucalyptol	154	C10H18O	000470-82-6	52





Library Search Compound Report

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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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

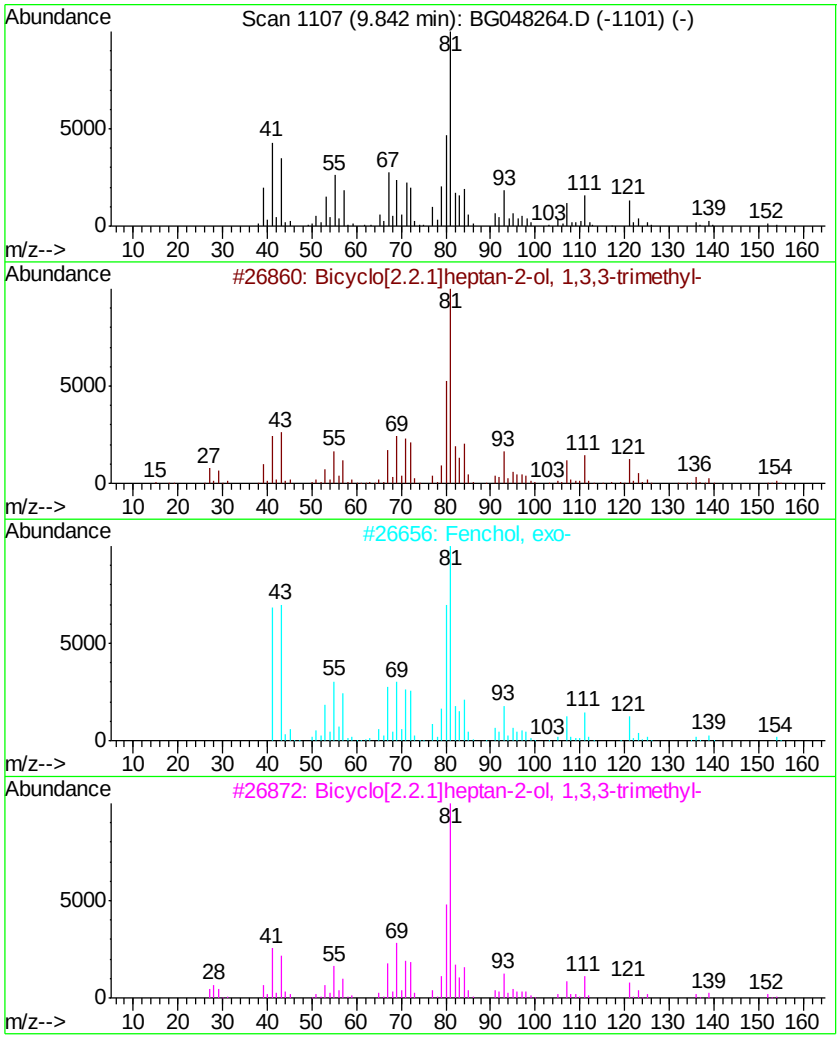
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

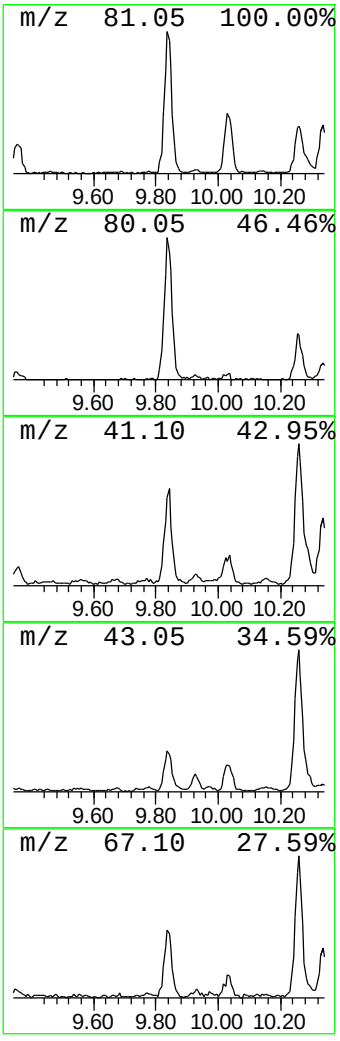
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	23.92 ng/ul	444633	Naphthalene-d8	10.93

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	98
2	Fenchol, exo-	154	C10H18O	022627-95-8	98
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	96
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	87
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	55





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH02

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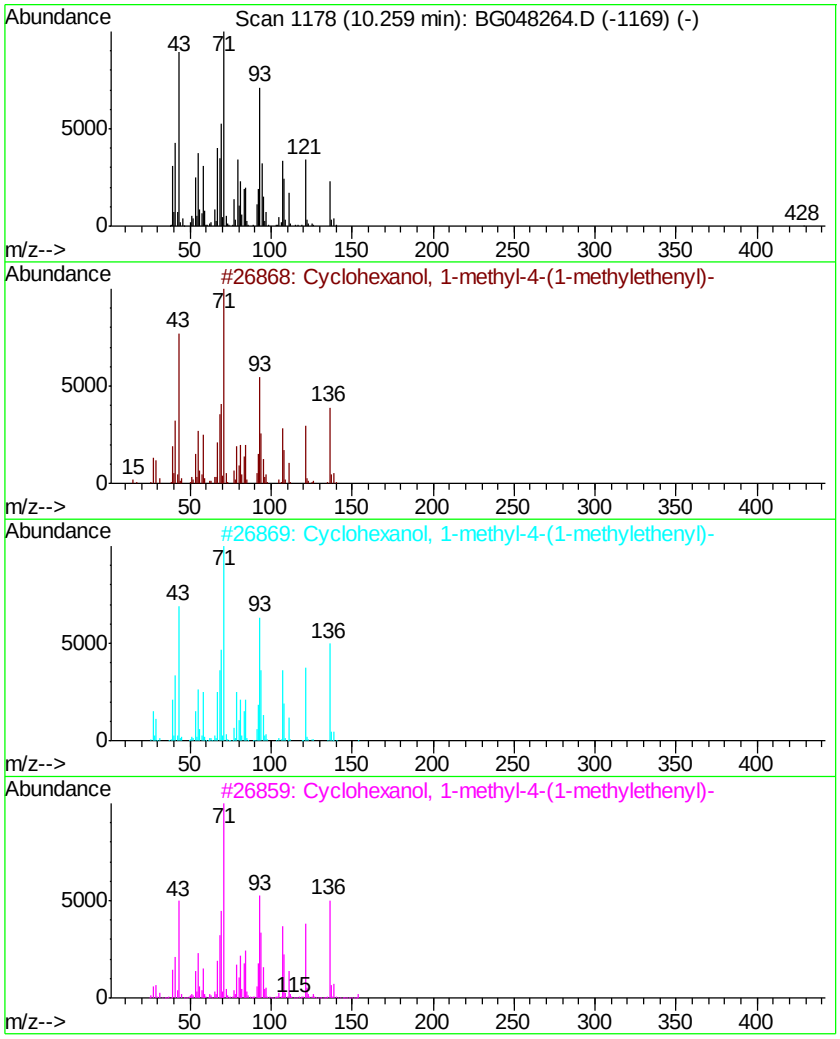
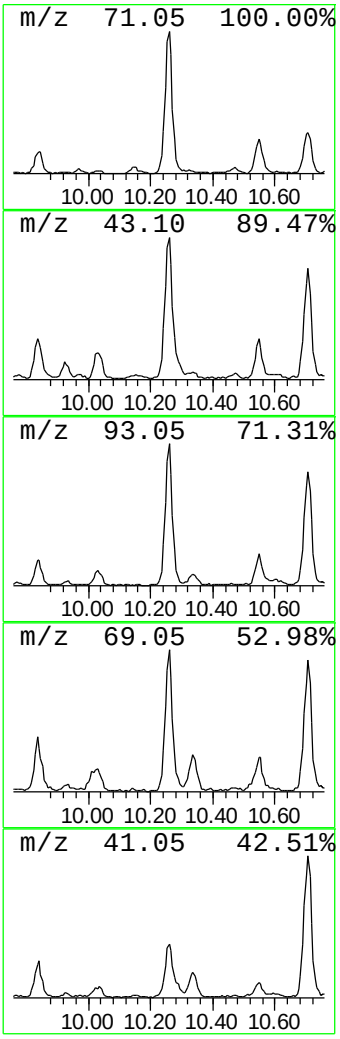
Peak Number 5 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	62.21 ng/ul	1156300	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	80
2	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	80
3	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000138-87-4	64
4	Camphene	136	C10H16	000079-92-5	35
5	(2S,4R)-p-Mentha-[1(7),8]-diene ...	168	C10H16O2	1000292-74-4	27





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

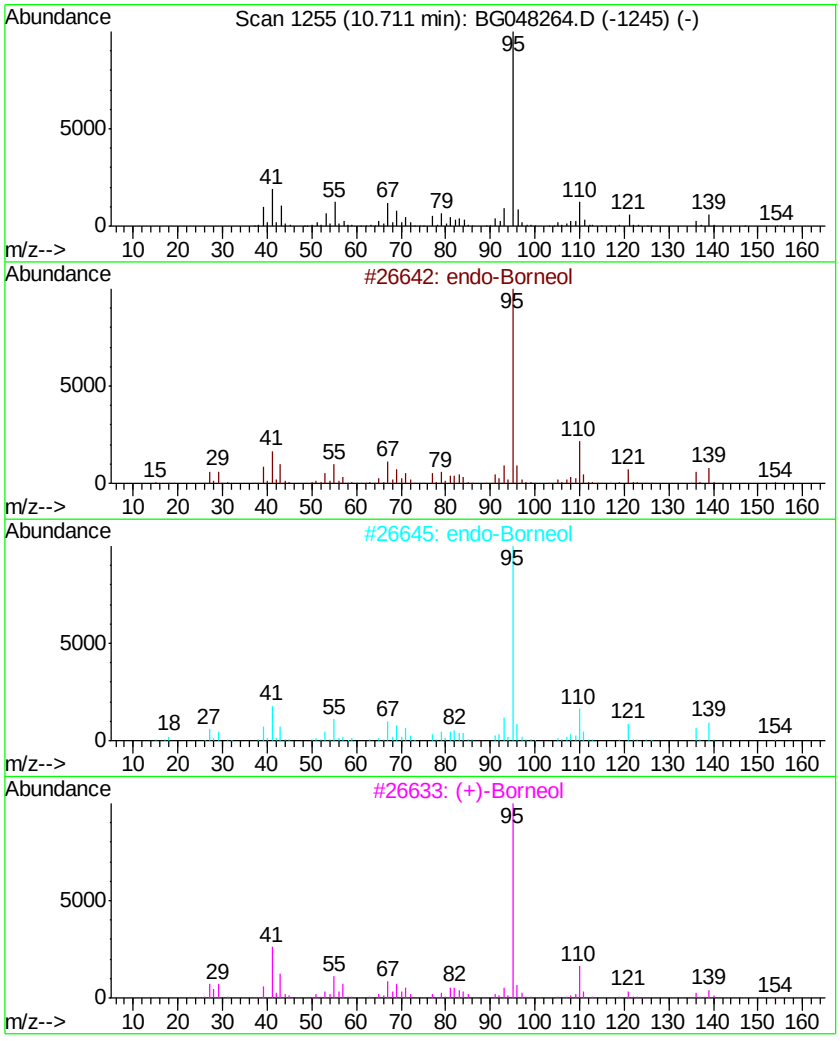
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

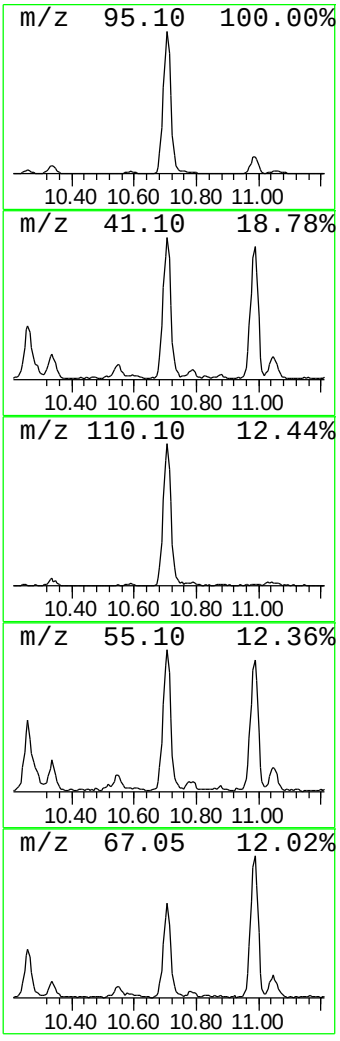
****

Peak Number 7 endo-Borneol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	98.35 ng/ul	1827960	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	94
2	endo-Borneol	154	C10H18O	000507-70-0	83
3	(+)-Borneol	154	C10H18O	1000150-76-3	78
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





Library Search Compound Report

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Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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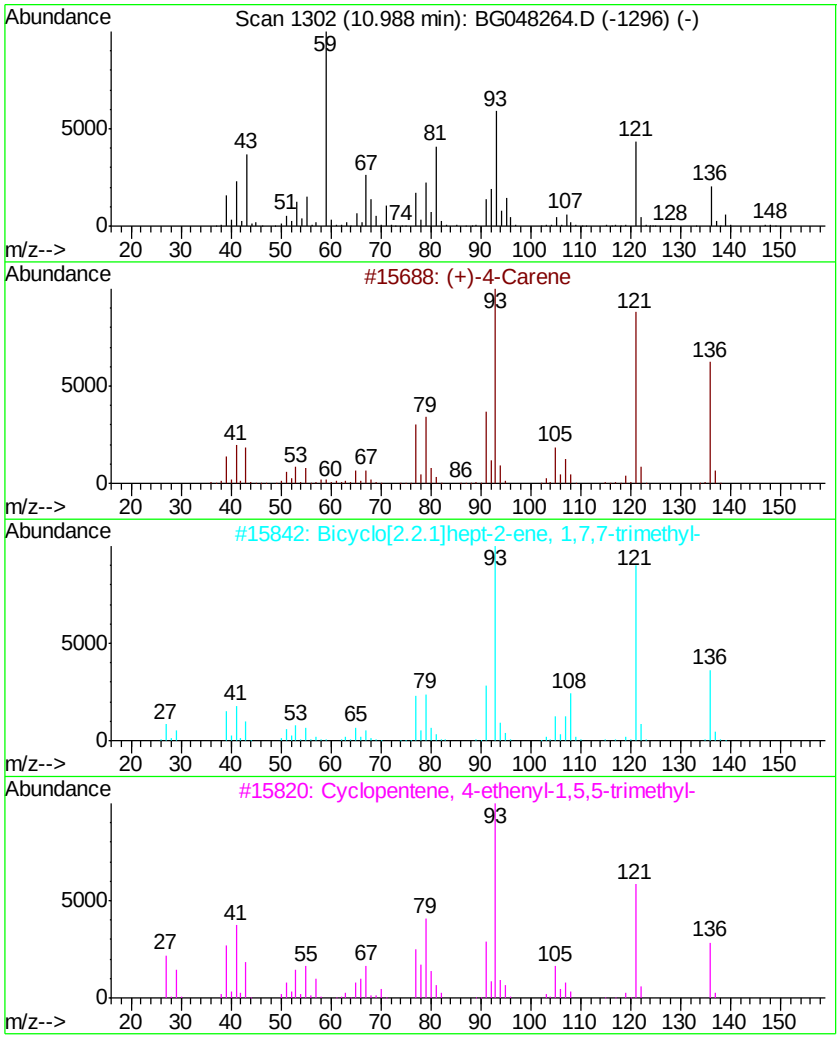
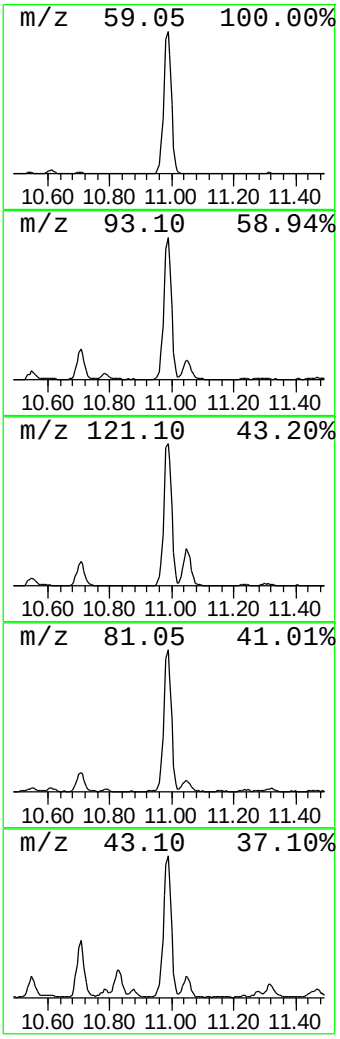
Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	146.49 ng/ul	2722670	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Carene	136	C10H16	029050-33-7	46
2	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	46
3	Cyclopentene, 4-ethenyl-1,5,5-tr...	136	C10H16	001727-69-1	46
4	3-Carene	136	C10H16	013466-78-9	41
5	(+)-2-Carene	136	C10H16	1000149-94-6	41





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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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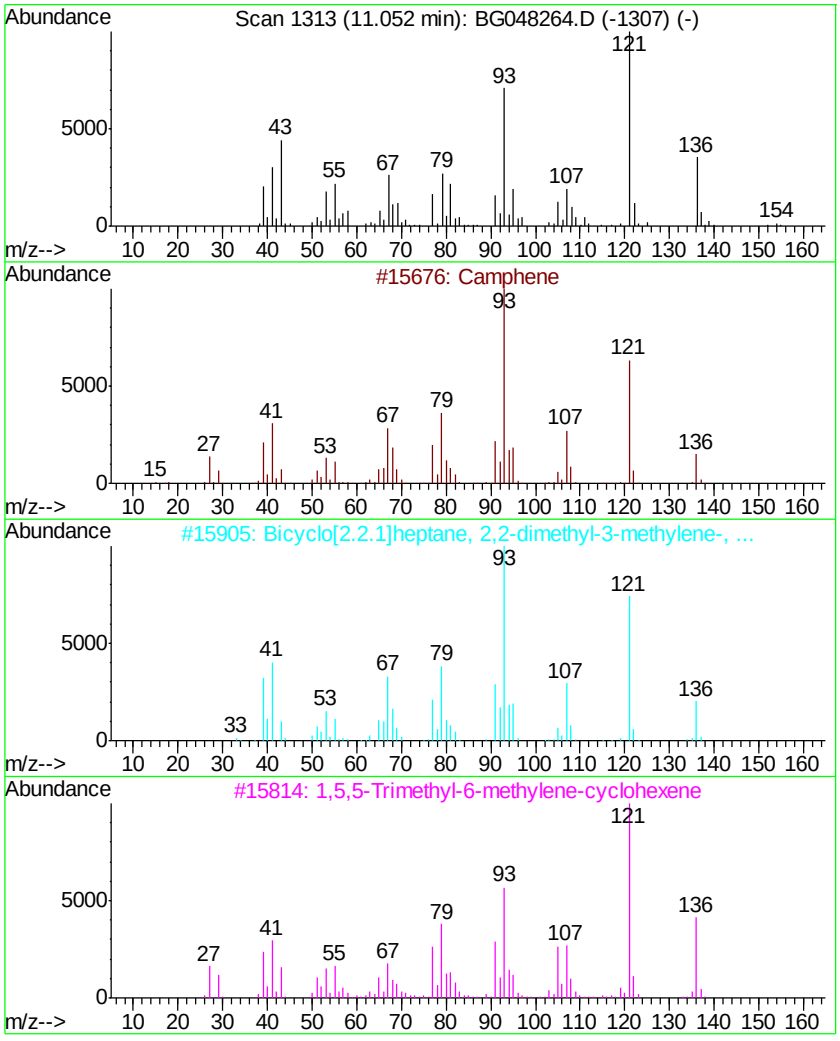
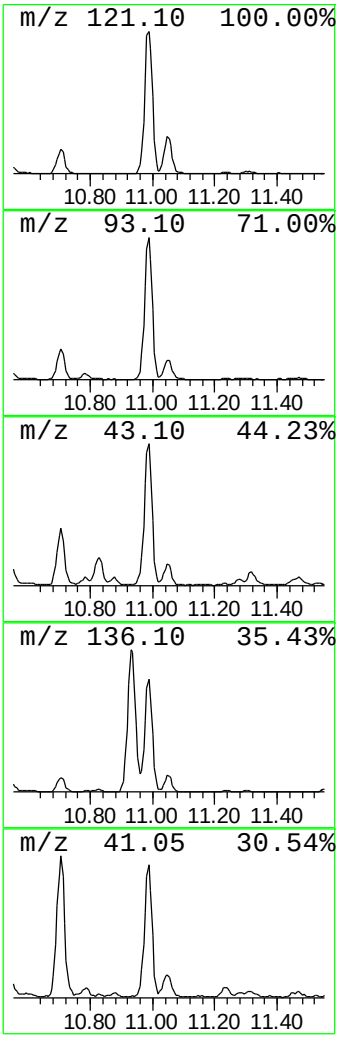
Peak Number 9 Camphene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	22.23 ng/ul	413259	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	94
2	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	90
3	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	83
4	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	70
5	2-Carene	136	C10H16	000554-61-0	68





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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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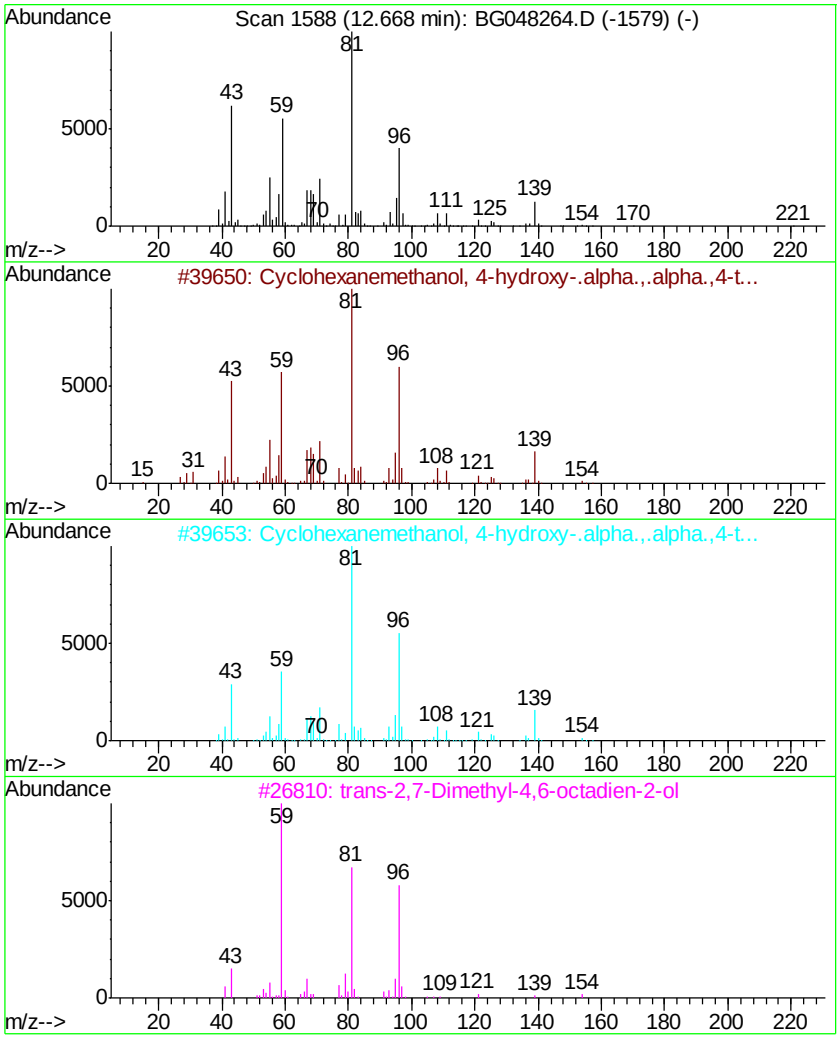
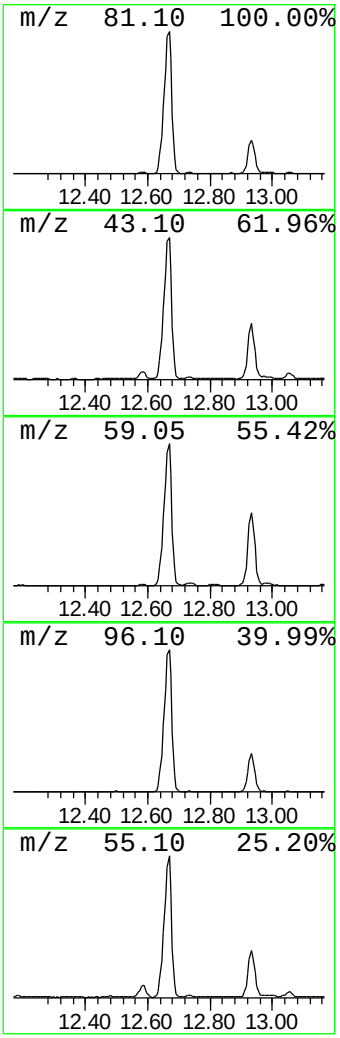
Peak Number 10 Cyclohexanemethanol, 4-hydr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	201.73 ng/ul	3749330	Naphthalene-d8	10.93

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	90
3	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	64
4	Acetic acid, cis-4-methylcyclohe...	156	C9H16O2	1000368-24-8	47
5	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	47





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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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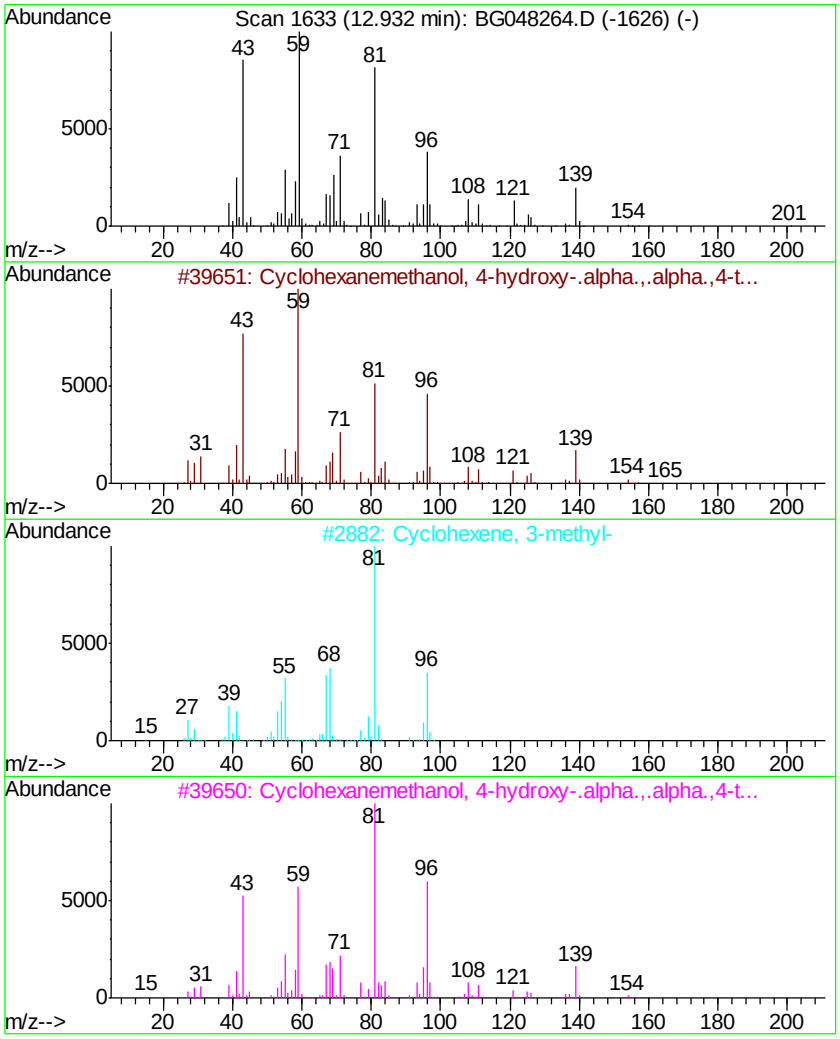
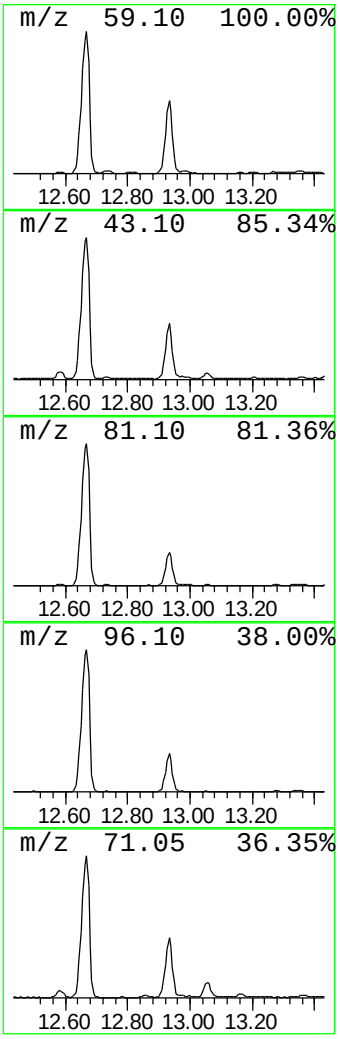
Peak Number 11 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	27.60 ng/ul	1245940	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	58
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	41
3	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	38
4	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	38
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	38





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Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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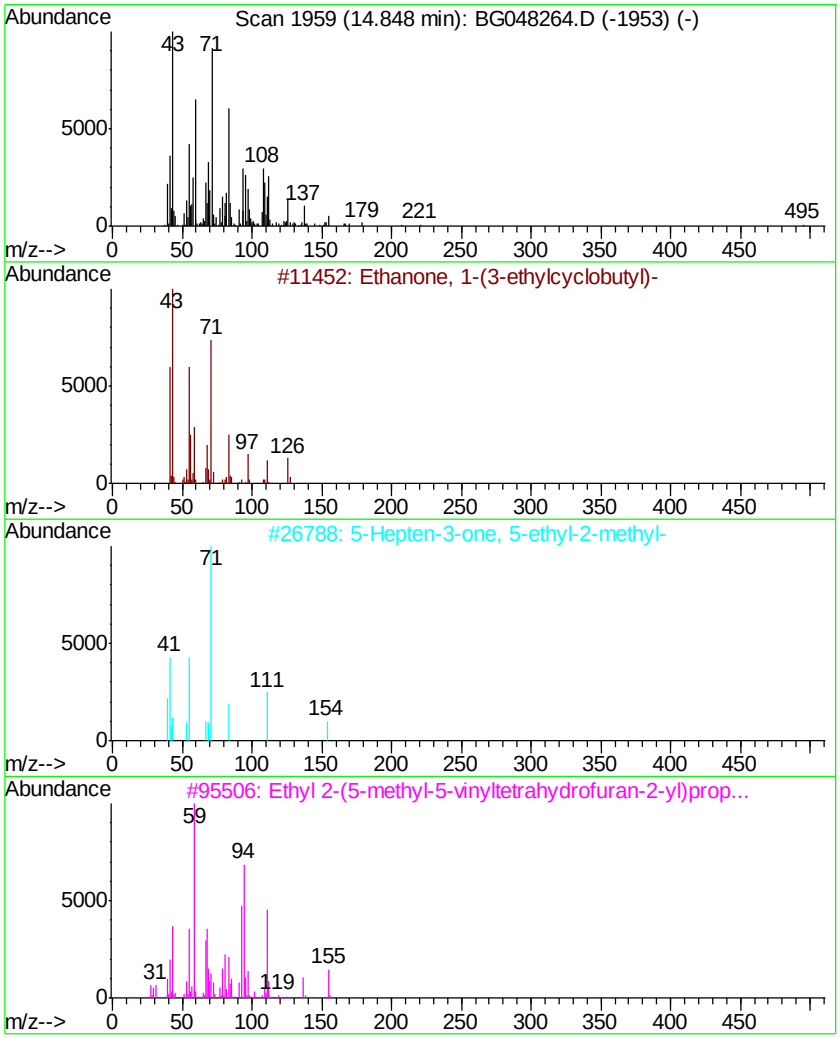
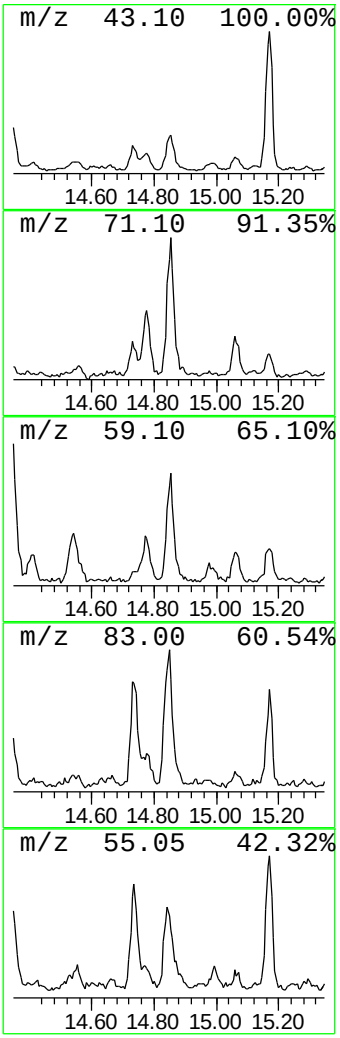
Peak Number 12 Ethanone, 1-(3-ethylcyclobu... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.66 ng/ul	345649	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	53
2	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	27
3	Ethyl 2-(5-methyl-5-vinyltetrahy...	242	C13H22O4	1000373-80-3	22
4	3-Dodecanol	186	C12H26O	010203-30-2	22
5	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	15





Library Search Compound Report

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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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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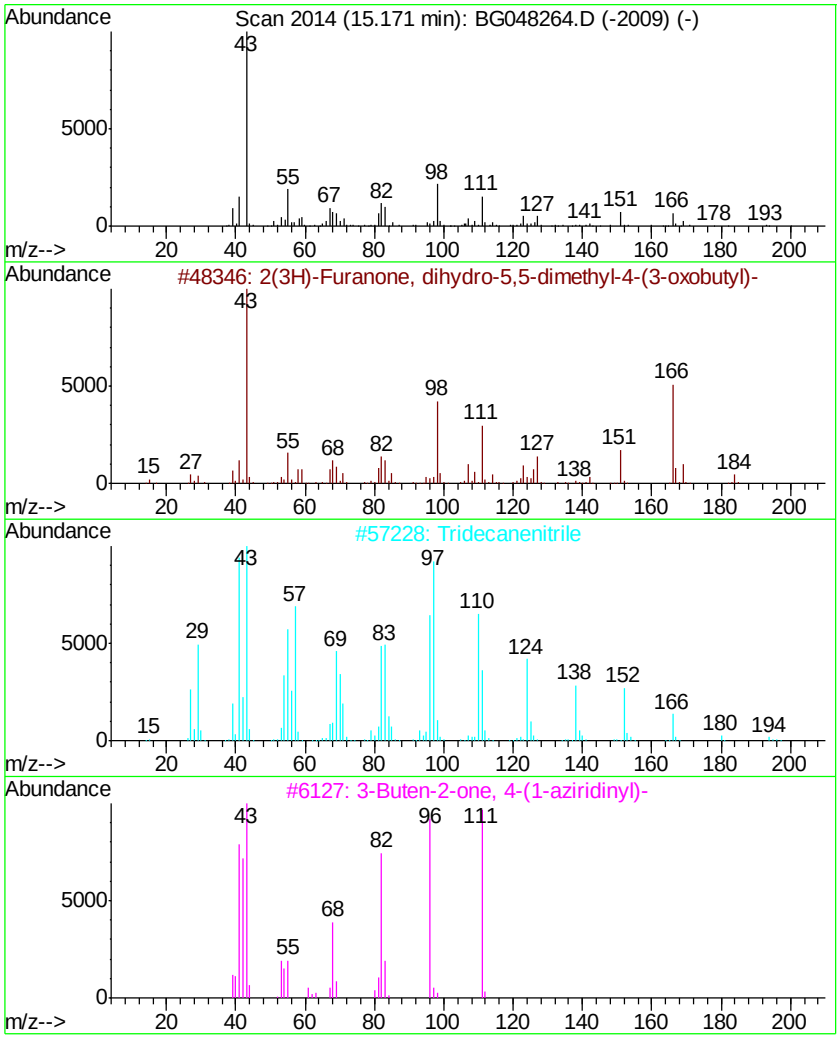
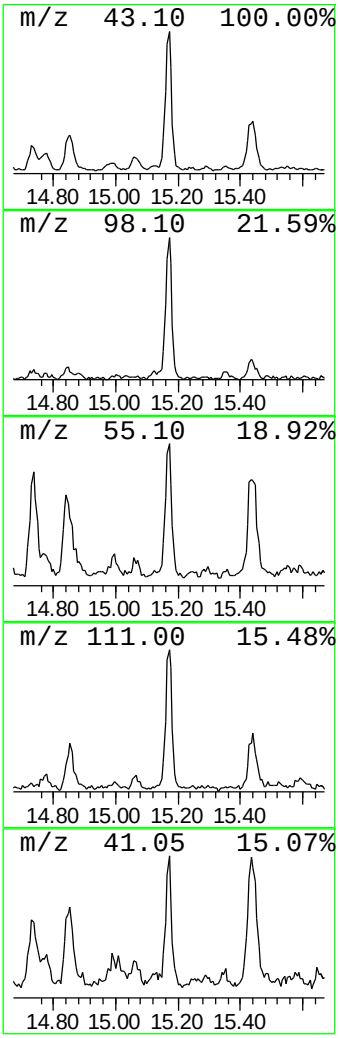
Peak Number 13 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	8.54 ng/ul	385670	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5,5-dime...	184	C10H16O3	004436-81-1	37
2	Tridecanenitrile	195	C13H25N	000629-60-7	25
3	3-Buten-2-one, 4-(1-aziridinyl)-	111	C6H9NO	018277-57-1	14
4	4-Hexen-2-one	98	C6H10O	025659-22-7	14
5	1,2,2,3-Tetramethylcyclopent-3-enol	140	C9H16O	074055-14-4	12





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Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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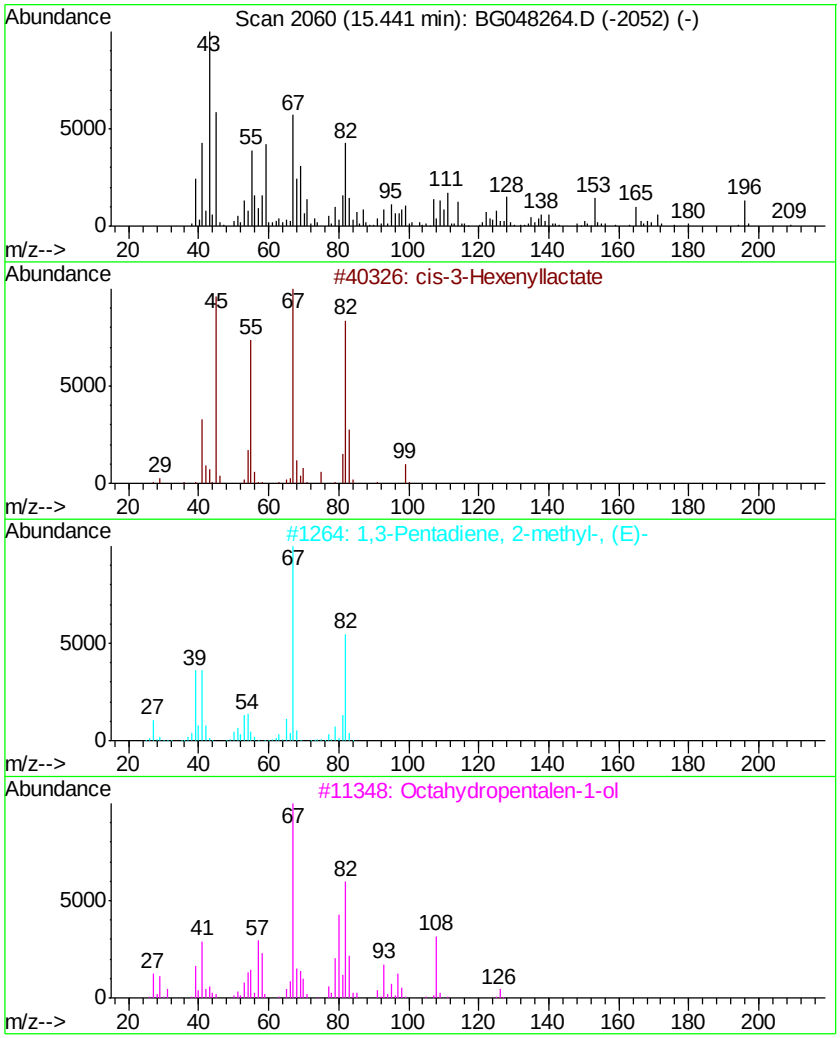
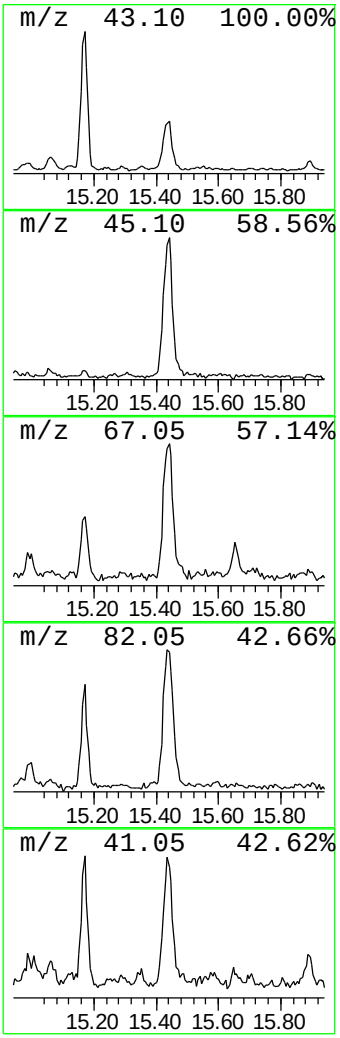
Peak Number 14 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	10.82 ng/ul	488507	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Hexenyllactate	172	C9H16O3	061931-81-5	43
2	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	25
3	Octahydropentalen-1-ol	126	C8H14O	037465-25-1	25
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	25
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	25





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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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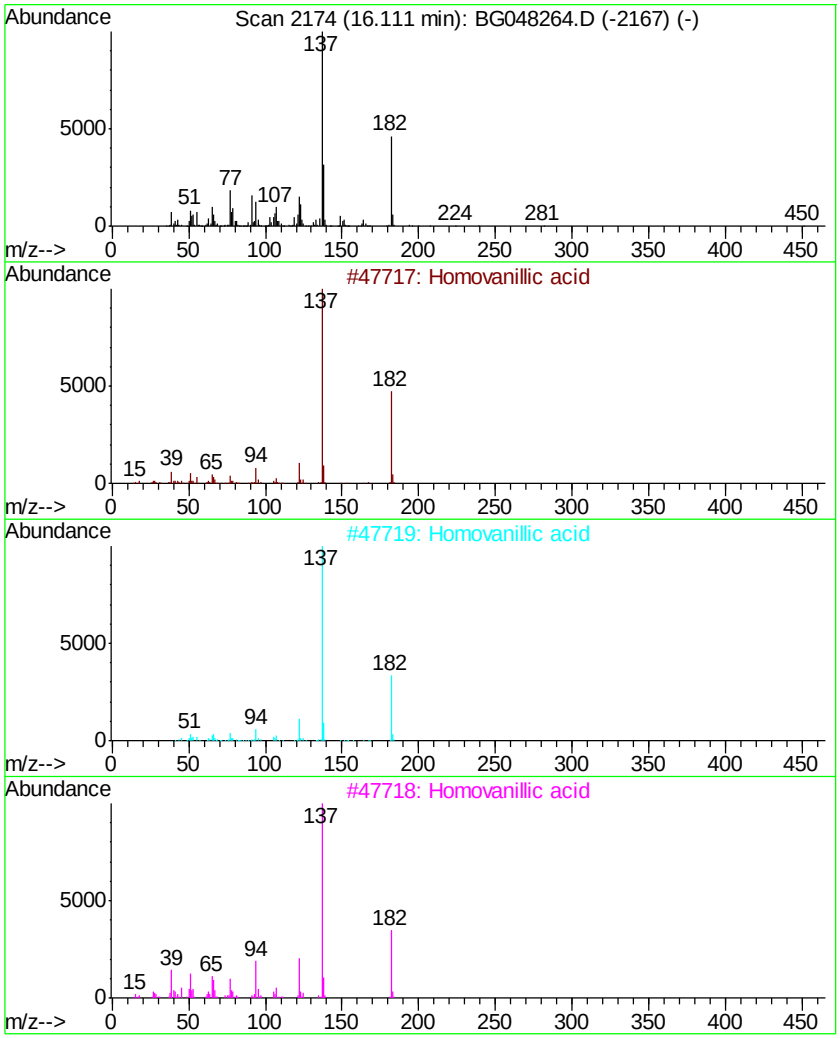
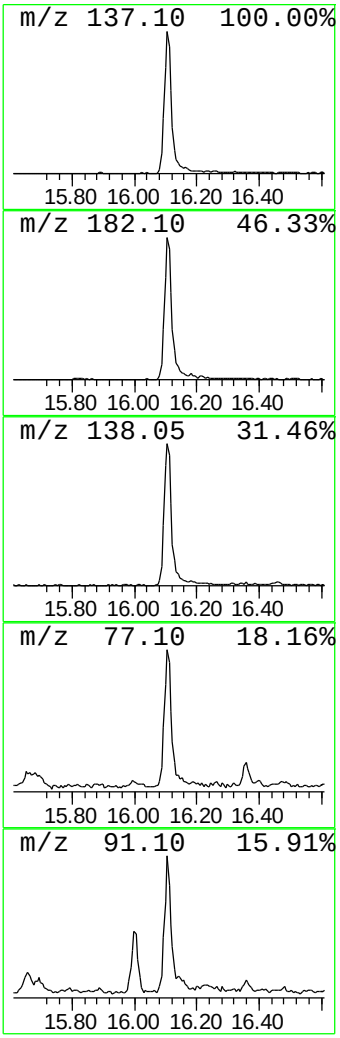
Peak Number 15 Homovanillic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	22.57 ng/ul	1019060	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Homovanillic acid	182	C9H10O4	000306-08-1	74
2	Homovanillic acid	182	C9H10O4	000306-08-1	72
3	Homovanillic acid	182	C9H10O4	000306-08-1	72
4	Ethyl 3,4-dihydroxybenzoate	182	C9H10O4	003943-89-3	53
5	Acetamide, 2-(4-hydroxy-3-methox...	181	C9H11NO3	029121-49-1	47





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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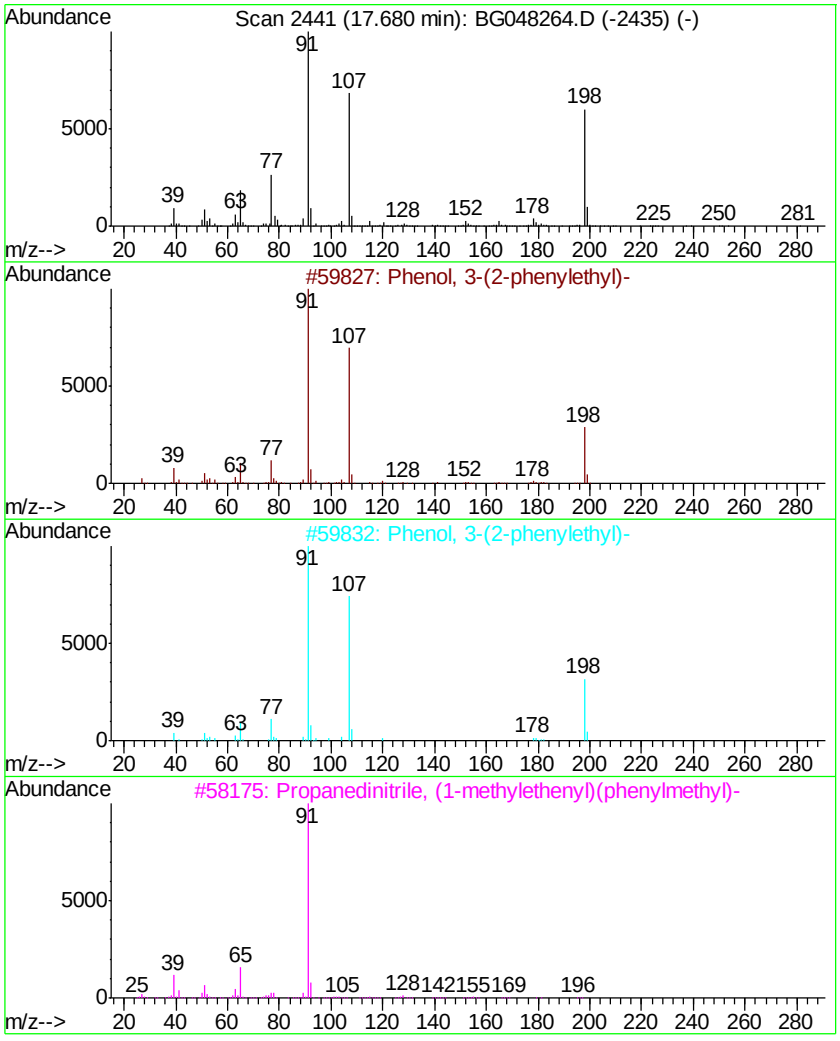
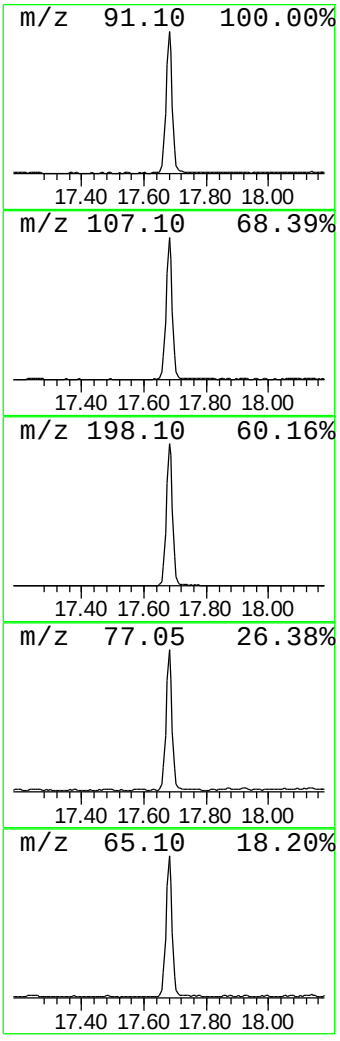
Peak Number 16 Phenol, 3-(2-phenylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	78.56 ng/ul	2424660	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	93
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	90
3	Propanedinitrile, (1-methylethen...	196	C13H12N2	069564-95-0	53
4	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	47
5	2-Phenyl-4-(cyanomethyl)-5-methy...	198	C11H10N4	013322-20-8	46





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ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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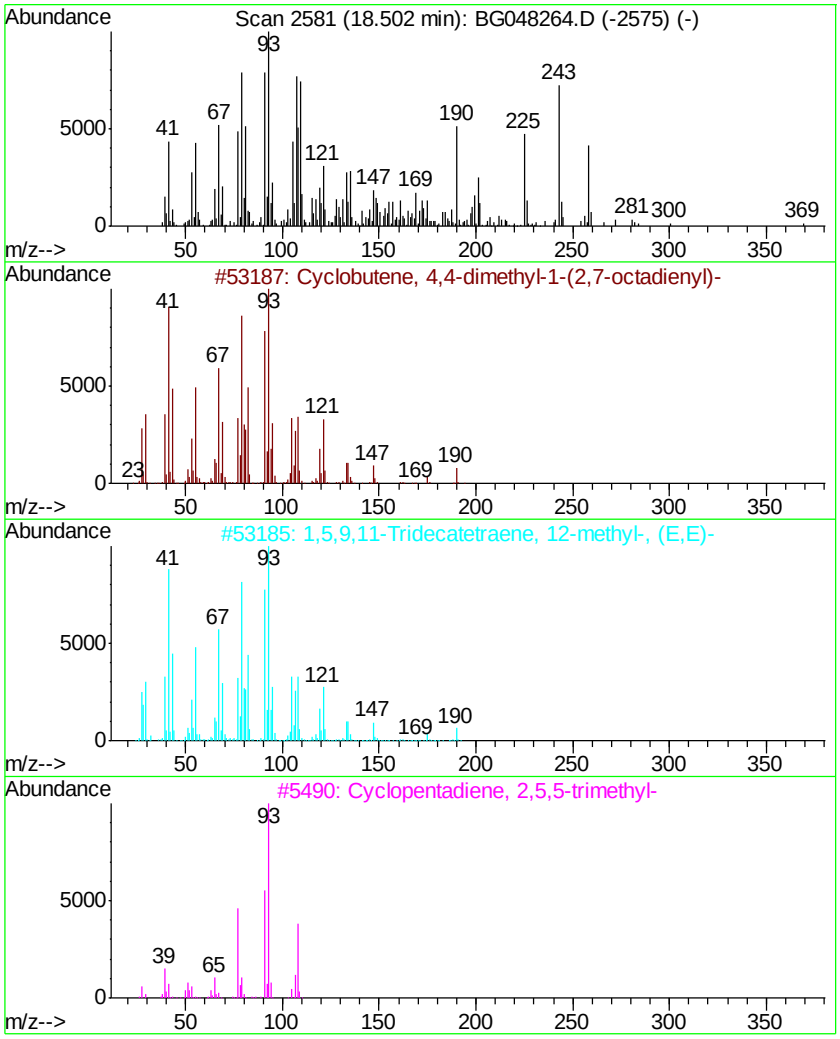
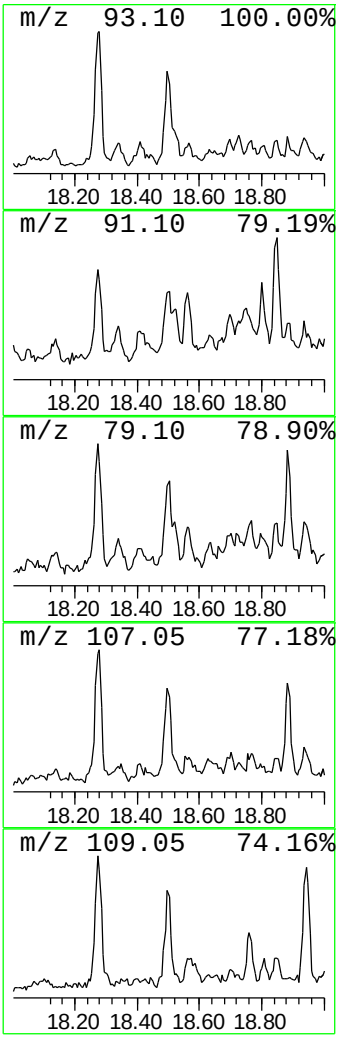
Peak Number 18 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	13.19 ng/ul	407201	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutene, 4,4-dimethyl-1-(2,7...	190	C14H22	062338-42-5	46
2	1,5,9,11-Tridecatetraene, 12-met...	190	C14H22	062338-27-6	41
3	Cyclopentadiene, 2,5,5-trimethyl-	108	C8H12	007086-15-9	38
4	1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	25
5	1,4-Cyclohexadiene, 1,2-dimethyl-	108	C8H12	017351-28-9	25





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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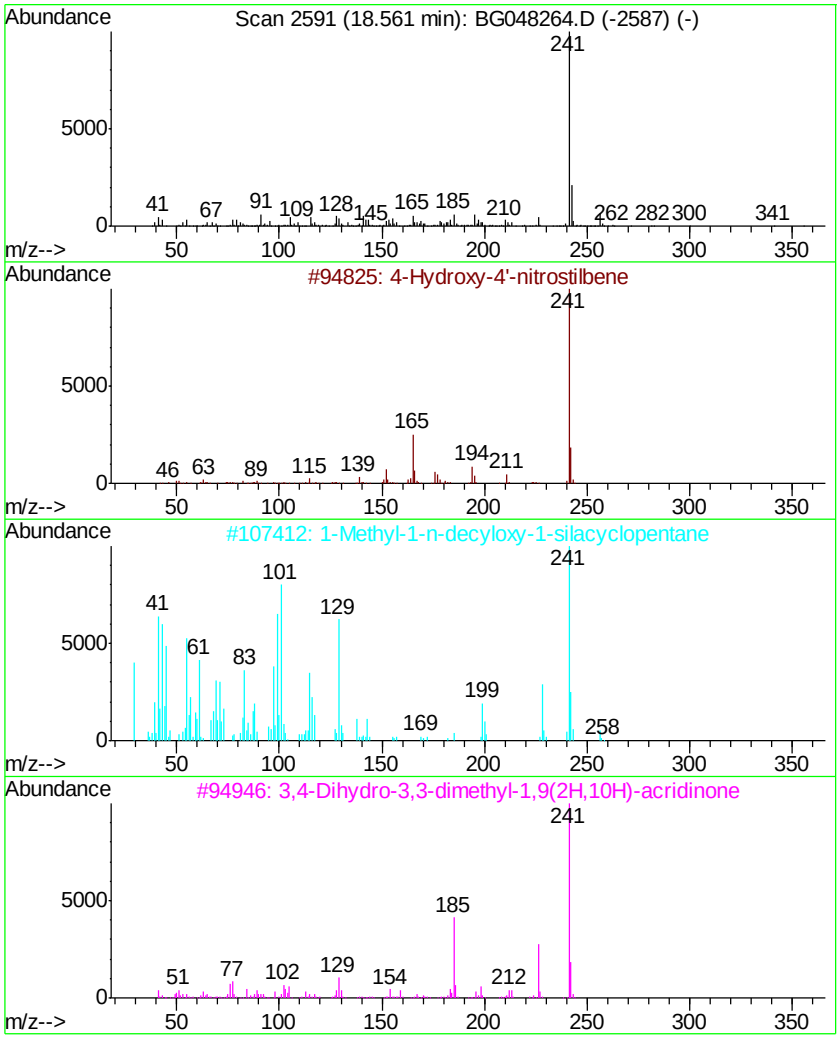
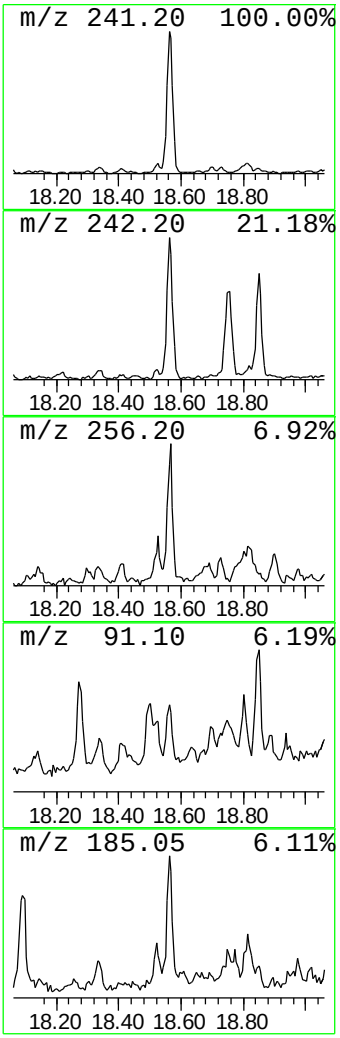
Peak Number 19 4-Hydroxy-4'-nitrostilbene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	18.60 ng/ul	574194	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-4'-nitrostilbene	241	C14H11NO3	019221-08-0	64
2	1-Methyl-1-n-decyloxy-1-silacycl...	256	C15H32OSi	1000216-91-2	64
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	56
4	1H-Pyrazole-5-carboxylic acid, 3...	241	C13H11N3O2	1000362-41-4	53
5	Dimethylmalonic acid, 2-bromo-4-...	430	C20H28BrFO4	1000361-82-6	52





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ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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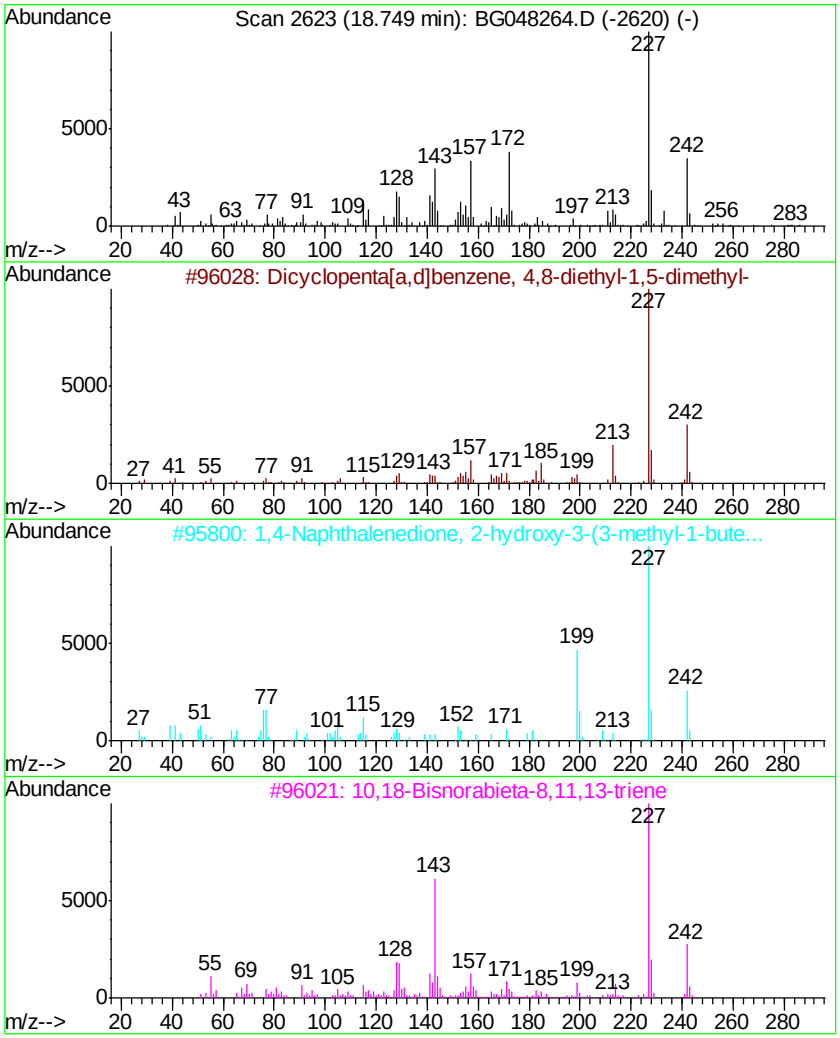
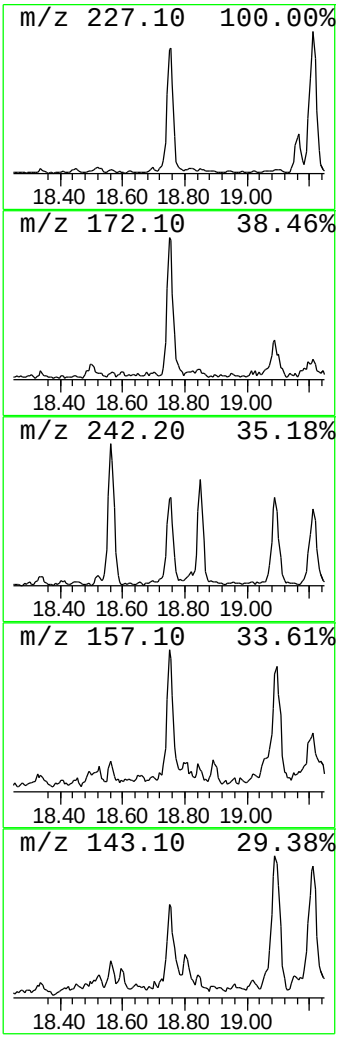
Peak Number 20 Dicyclopenta[a,d]benzene, 4... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	20.99 ng/ul	647824	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	78
2	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	50
3	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	47
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	46
5	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	43





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Misc :
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Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

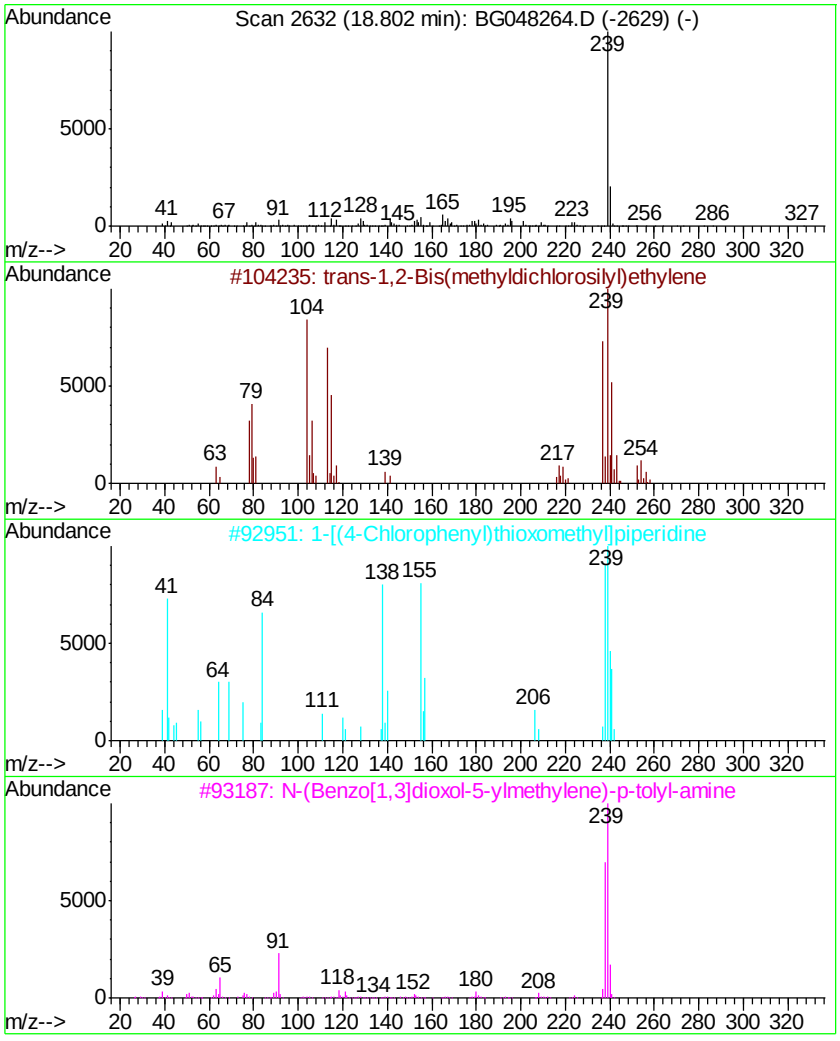
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

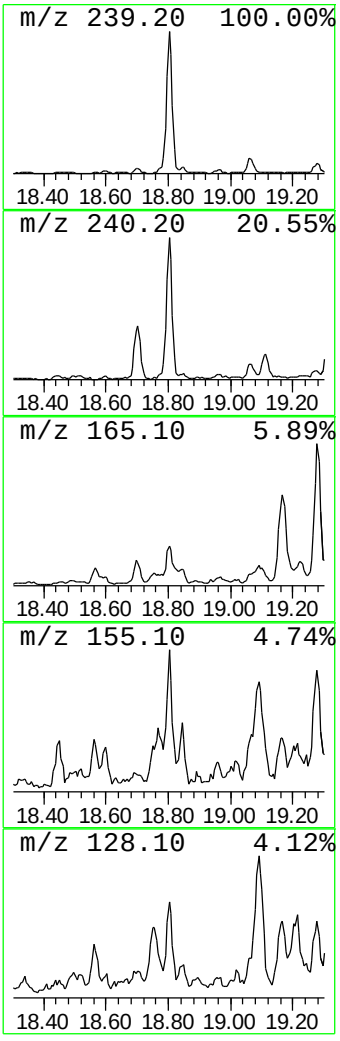
****

Peak Number 21 trans-1,2-Bis(methyldichlor... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	28.39 ng/ul	876380	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	60
2	1-[(4-Chlorophenyl)thioxomethyl]...	239	C12H14ClNS	003335-29-3	59
3	N-(Benzo[1,3]dioxol-5-ylmethylen...	239	C15H13NO2	007402-58-6	59
4	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	50
5	(E)-2-Hydroxy-4'-dimethylamino-s...	239	C16H17NO	110983-42-1	42





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Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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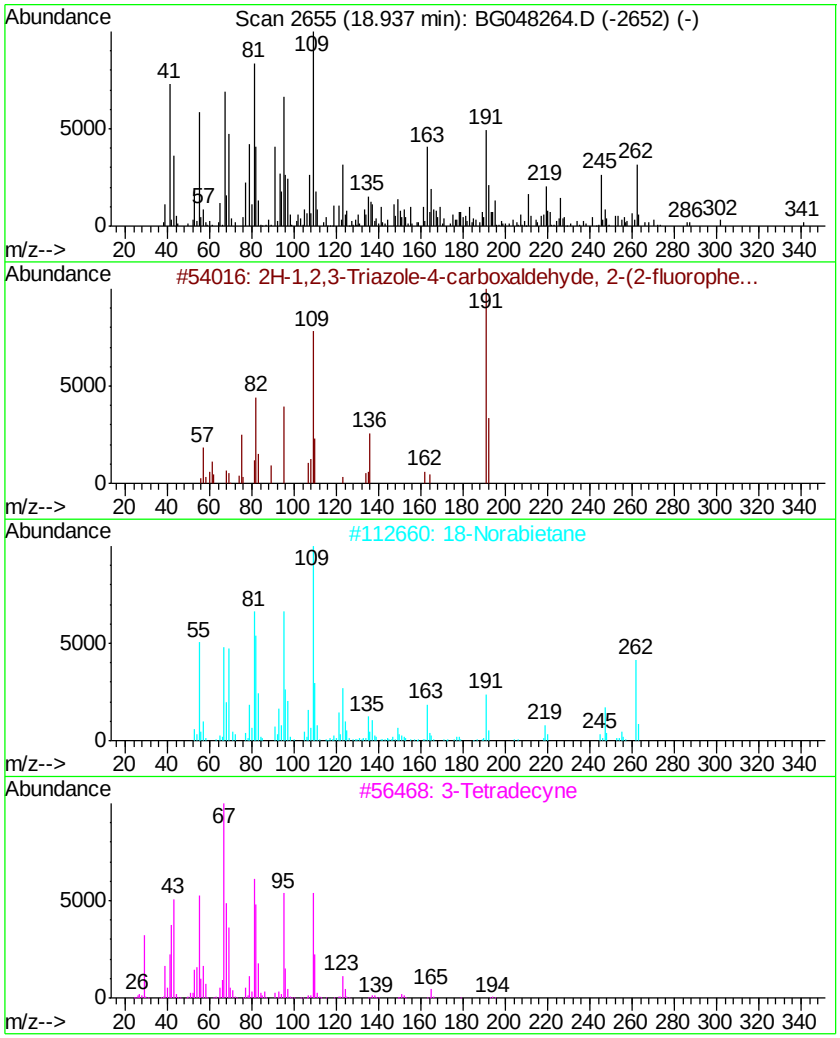
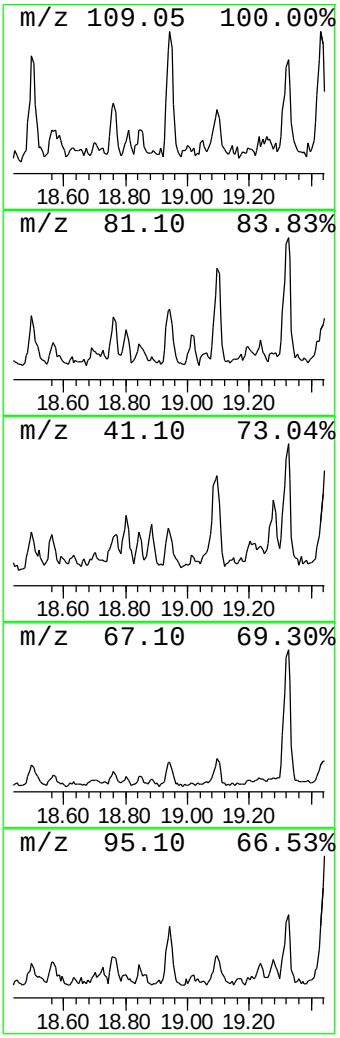
Peak Number 23 2H-1,2,3-Triazole-4-carboxa... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	11.85 ng/ul	365827	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5	52
2	18-Norabietane	262	C19H34	1000293-16-6	42
3	3-Tetradecyne	194	C14H26	060212-32-0	41
4	3-Tetradecyne	194	C14H26	060212-32-0	41
5	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	38





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Acq On : 22 Feb 2021 11:53
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Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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Quant Title : SVOA CALIBRATION

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

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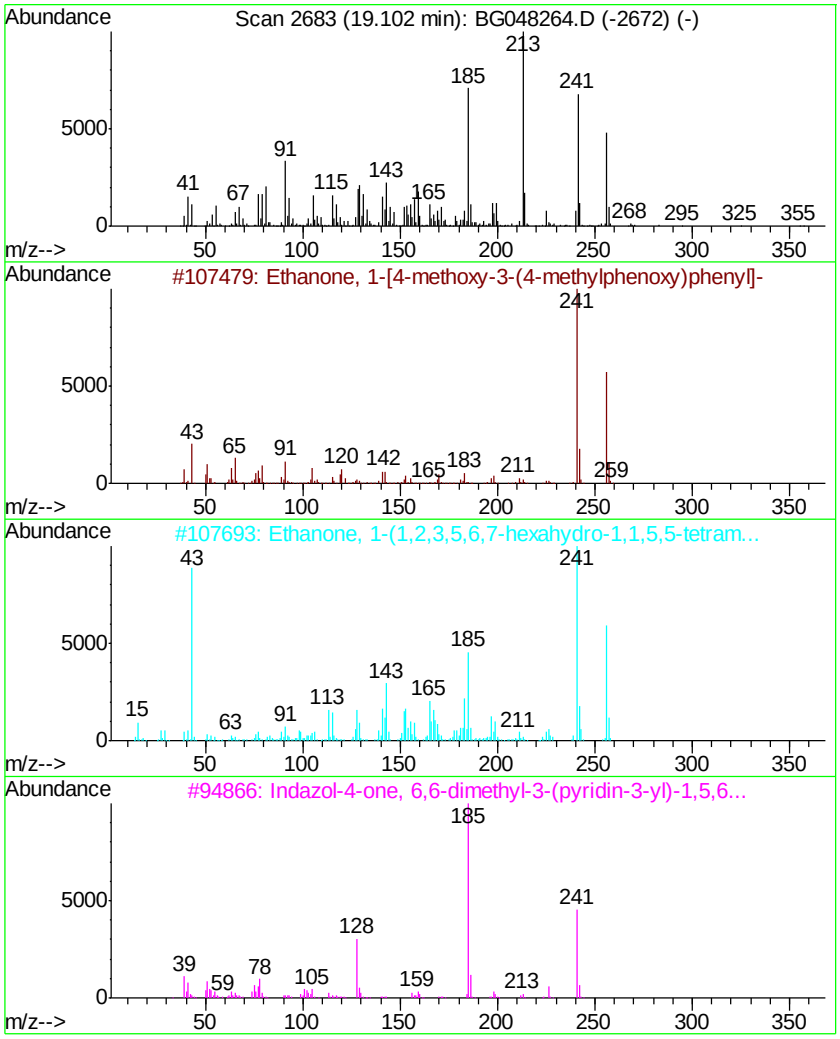
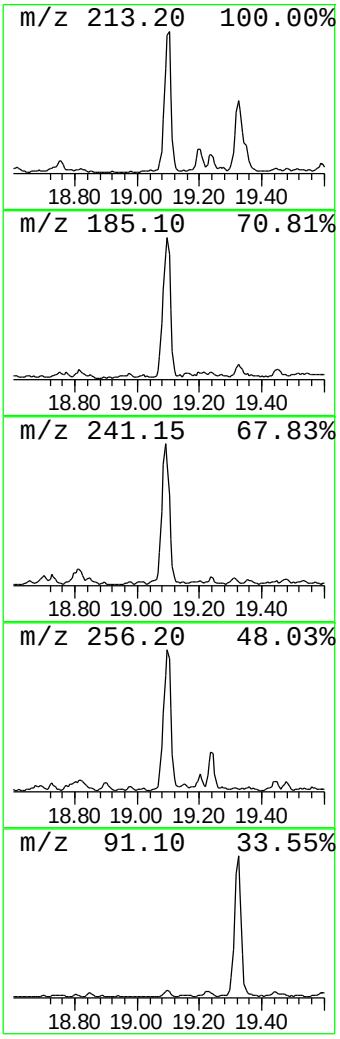
Peak Number 24 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	56.99 ng/ul	1759070	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-methoxy-3-(4-meth...	256	C16H16O3	116345-94-9	38
2	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	38
3	Indazol-4-one, 6,6-dimethyl-3-(p...	241	C14H15N3O	1000302-25-9	38
4	Lumiflavine	256	C13H12N4O2	001088-56-8	30
5	6-[1-[4-Methylphenyl]ethyl]-1,3-...	256	C16H16O3	1000211-52-5	25





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Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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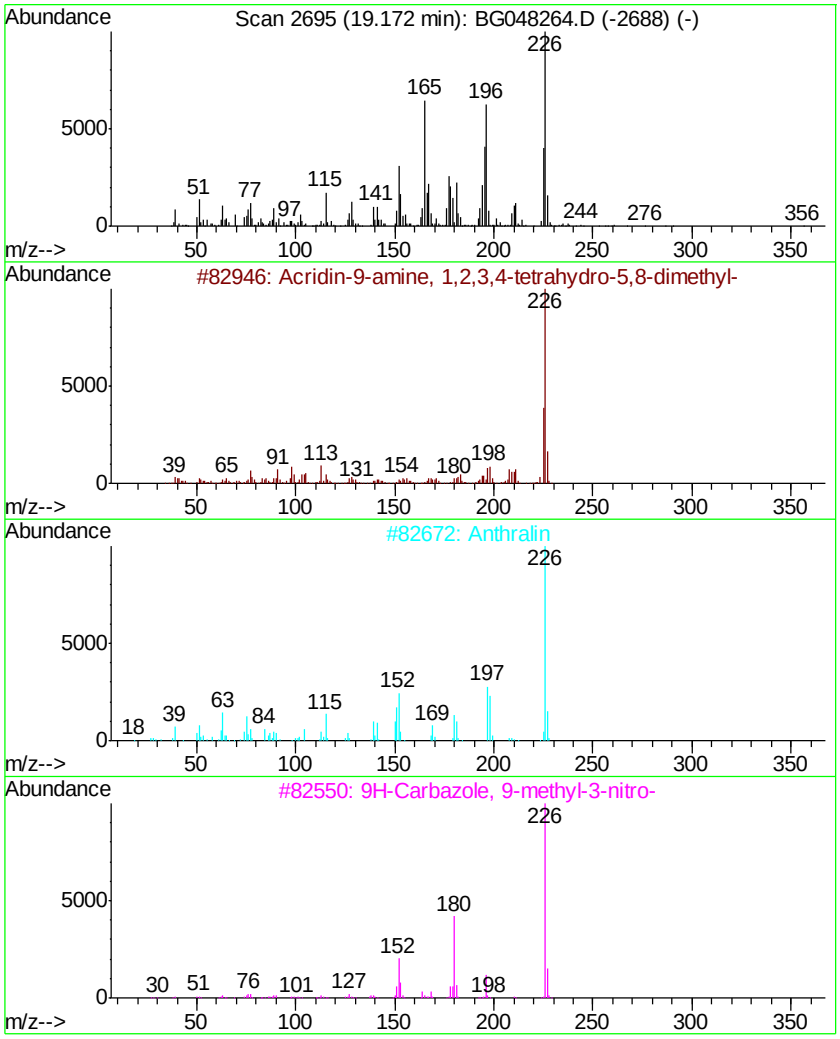
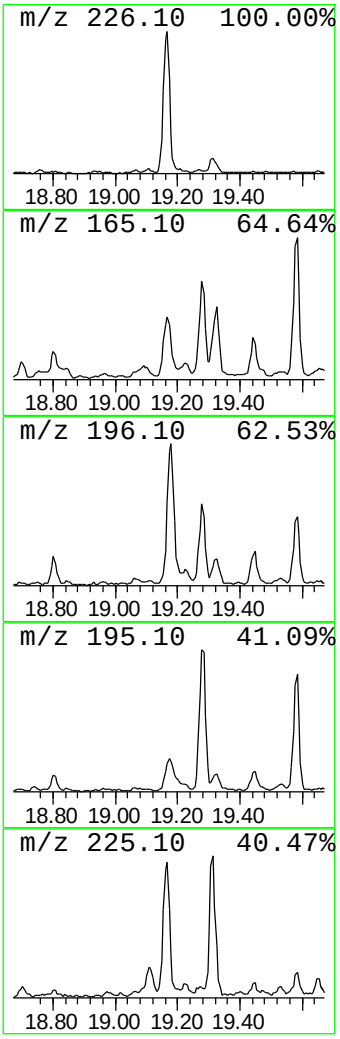
Peak Number 25 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	35.43 ng/ul	1093620	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahv...	226	C15H18N2	297758-19-1	49
2	Anthralin	226	C14H10O3	001143-38-0	46
3	9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	46
4	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	43
5	Imidazole, 5-methyl-4-trifluorom...	226	C11H9F3N2	081769-66-6	43





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Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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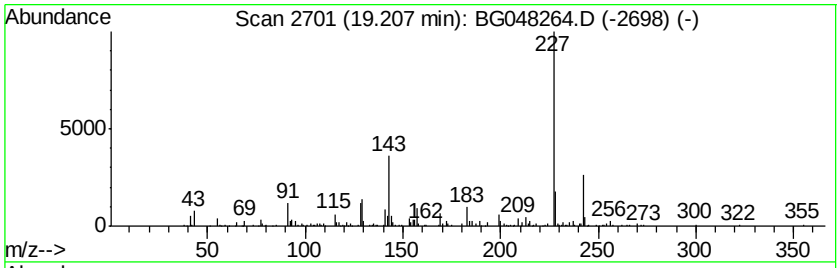
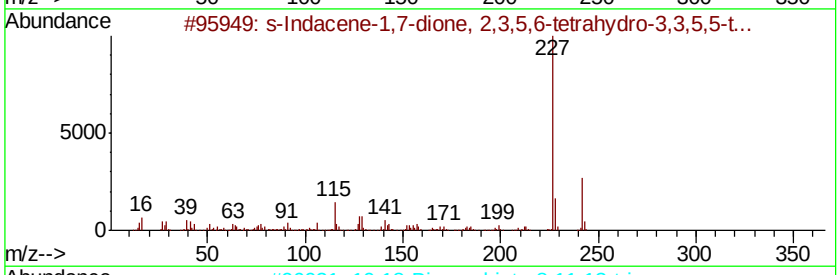
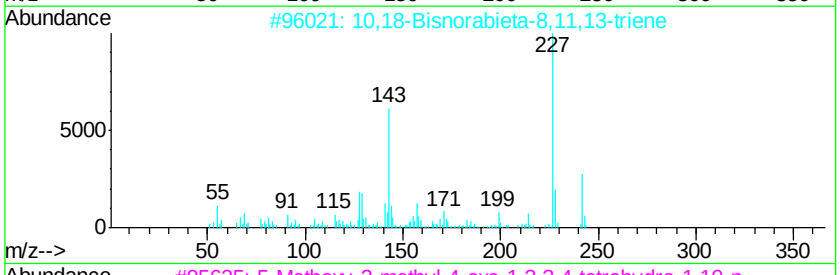
Peak Number 26 s-Indacene-1,7-dione, 2,3,5... Concentration Rank 24

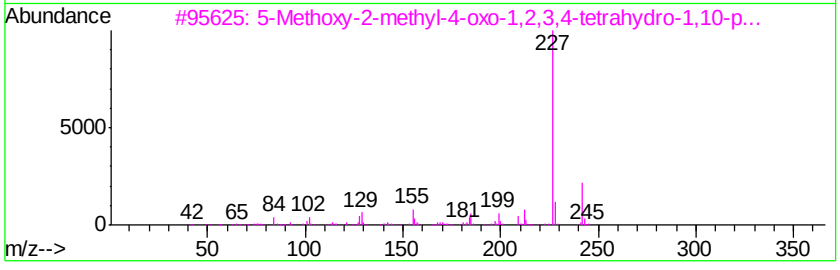
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	16.22 ng/ul	500658	Phenanthrene-d10	17.49

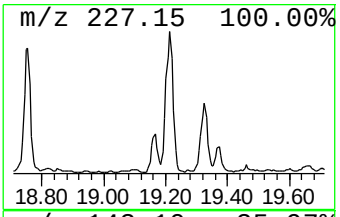
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	81
2	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	64
3	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	58
4	Lapachol	242	C15H14O3	000084-79-7	52
5	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	50

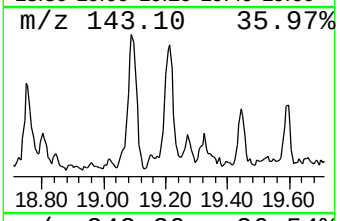


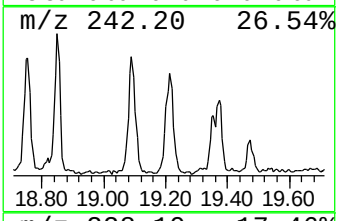


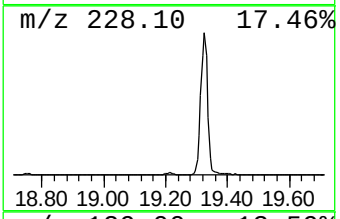


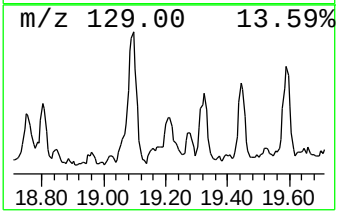












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Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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

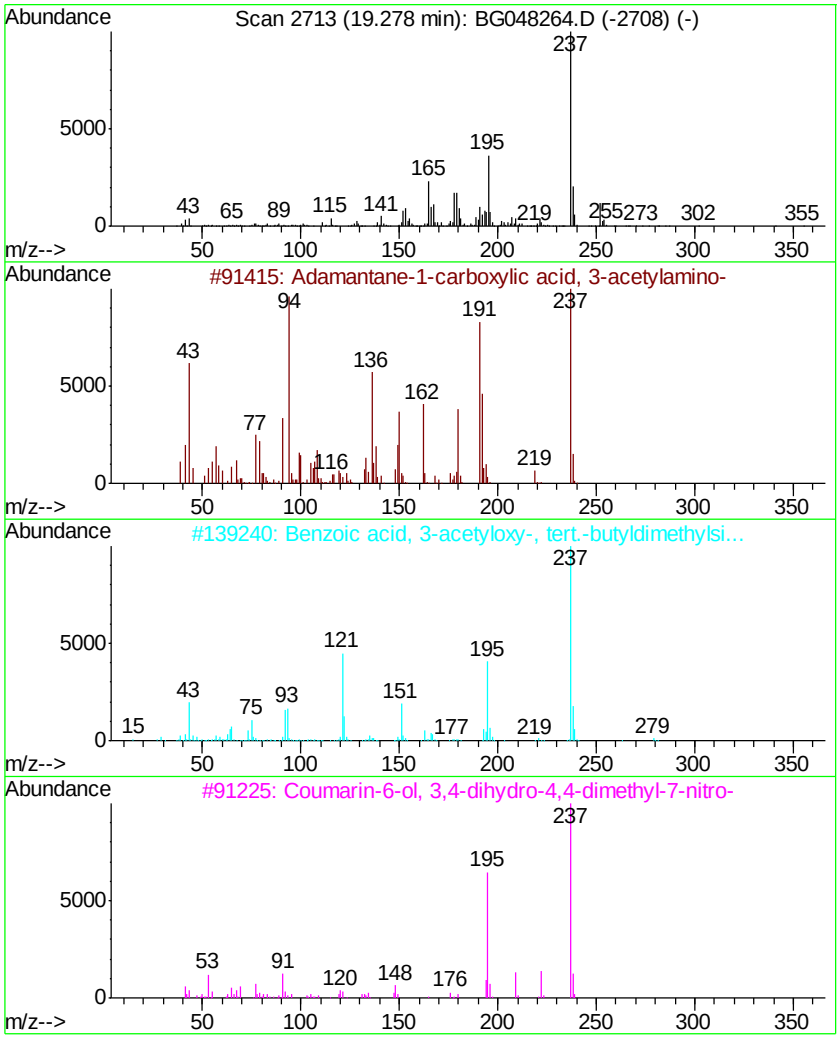
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

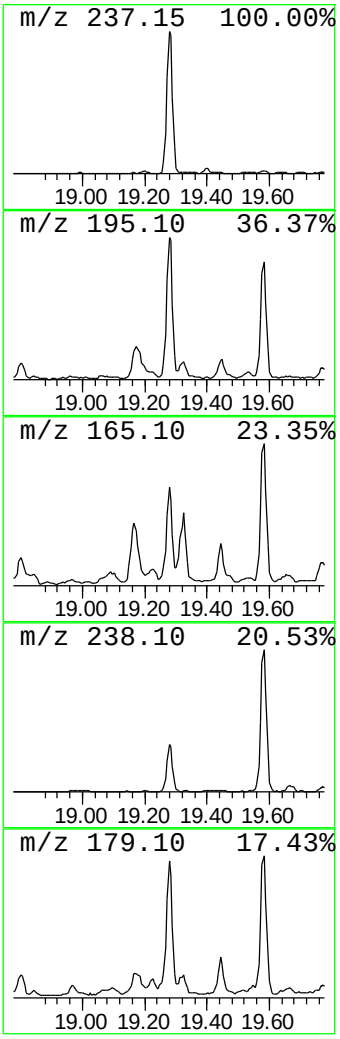
****

Peak Number 27 Adamantane-1-carboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	58.39 ng/ul	1802280	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid, 3-...	237	C13H19NO3	1000303-75-9	58
2	Benzoic acid, 3-acetyloxy-, tert...	294	C15H22O4Si	1000375-02-7	53
3	Coumarin-6-ol, 3,4-dihydro-4,4-d...	237	C11H11NO5	1000126-61-0	50
4	2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	49
5	Thiophene, 2,5-bis(1,1,3,3-tetra...	308	C20H36S	054964-79-3	47





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Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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

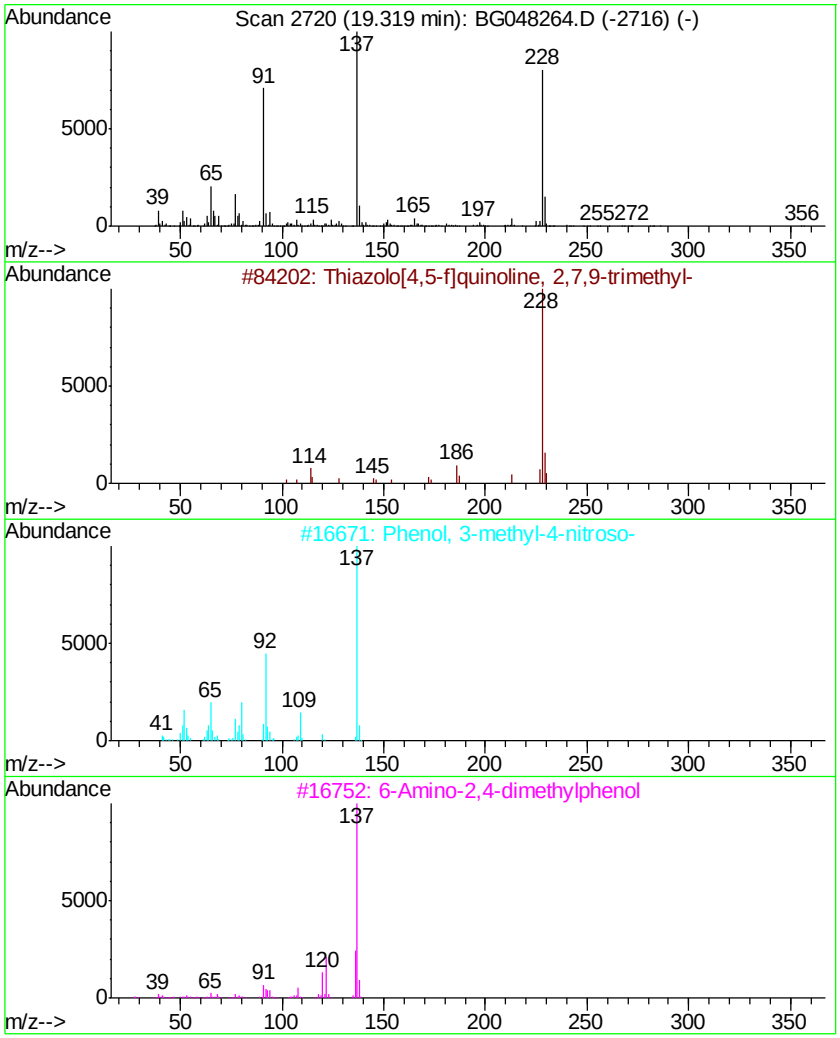
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

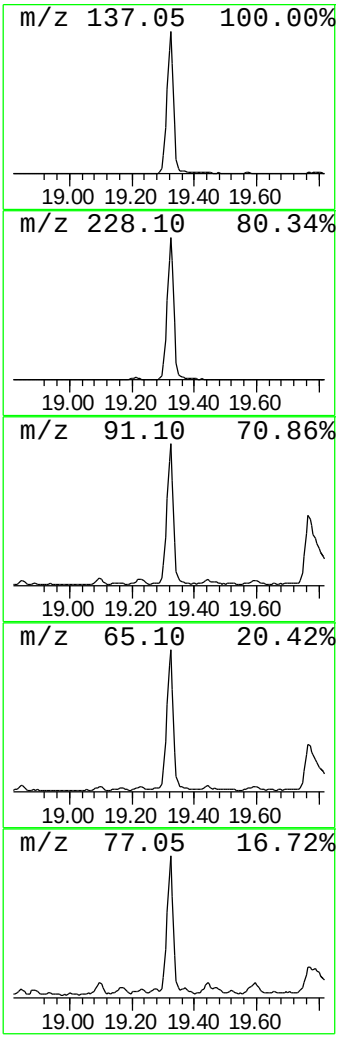
****

Peak Number 28 unknown-08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	194.64 ng/ul	6007290	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazolo[4,5-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-39-7	38
2	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	38
3	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	35
4	Benzenamine, 2,4,6-trinitro-	228	C6H4N4O6	000489-98-5	27
5	Phenol, 3-(cyclopentylaminomethy...	221	C13H19NO2	332382-83-9	27





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Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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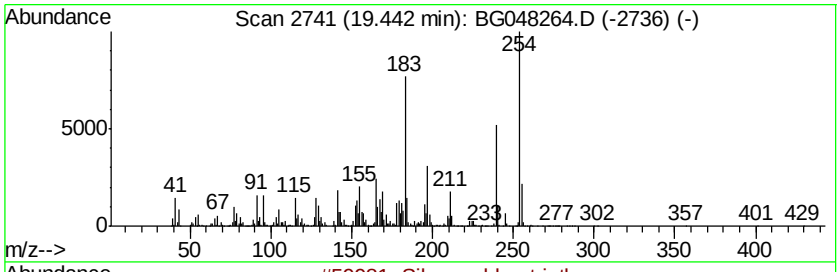
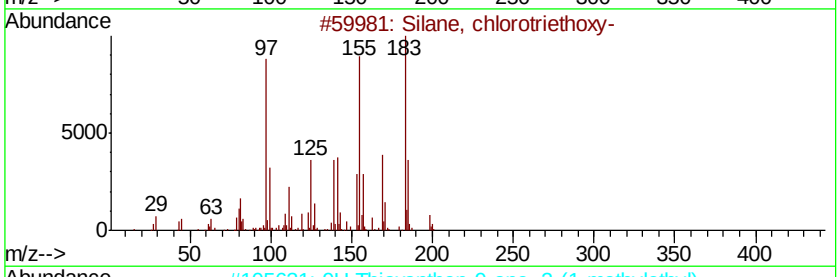
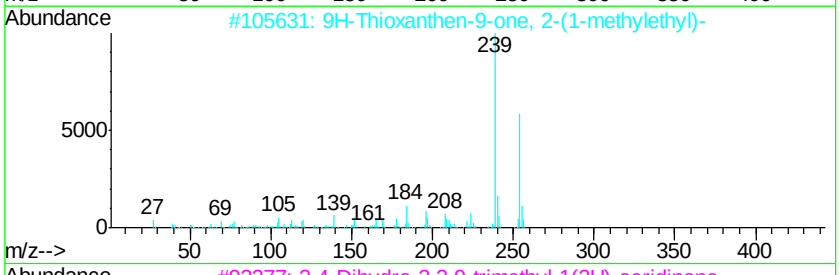
Peak Number 29 Silane, chlorotriethoxy- Concentration Rank 13

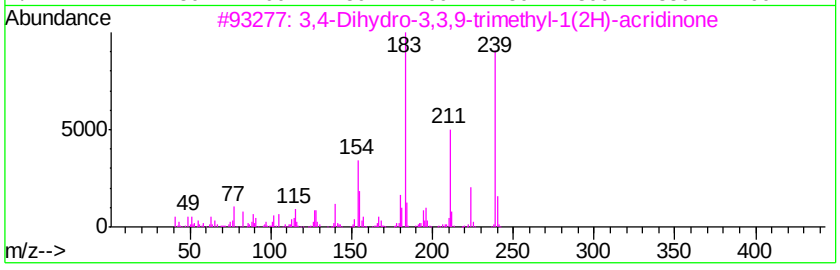
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	52.89 ng/ul	1632410	Phenanthrene-d10	17.49

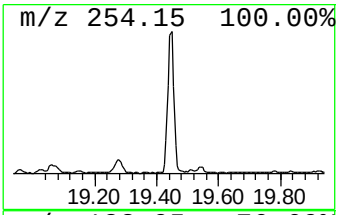
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotriethoxy-	198	C6H15ClO3Si	004667-99-6	91
2	9H-Thioxanthen-9-one, 2-(1-methy...	254	C16H14OS	005495-84-1	55
3	3,4-Dihydro-3,3,9-trimethyl-1(2H...	239	C16H17NO	1000213-22-0	45
4	Acridin-1(2H)-one, 3,4-dihydro-9...	254	C16H18N2O	130186-68-4	42
5	6-Methyl-1-pyridin-2-ylmethylene...	254	C14H10N2O3	1000274-64-8	38

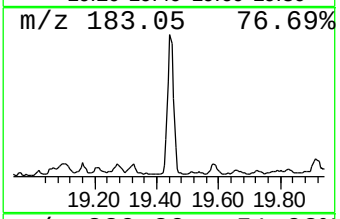


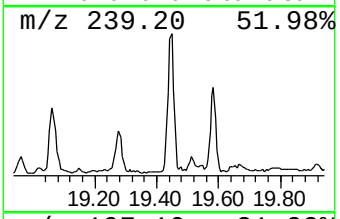


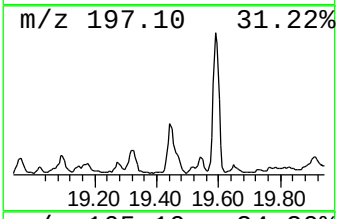


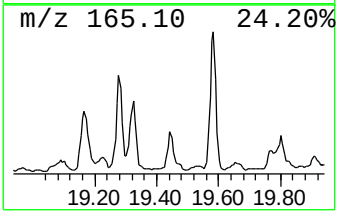












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Acq On : 22 Feb 2021 11:53
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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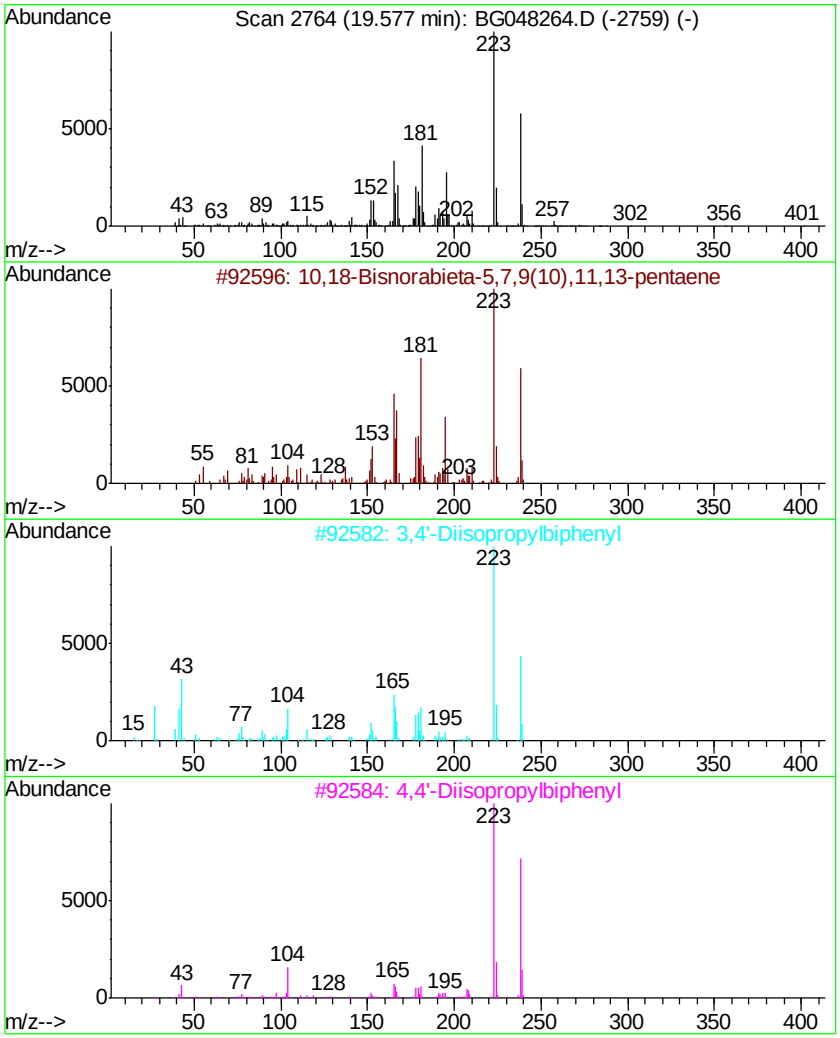
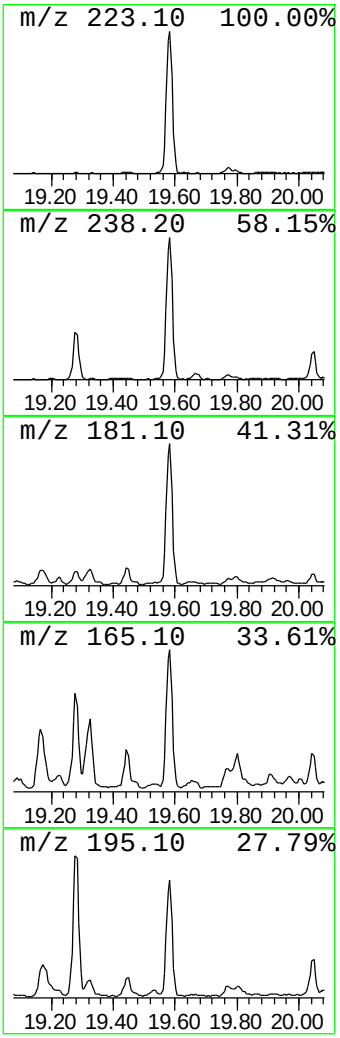
Peak Number 30 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	91.78 ng/ul	2832600	Phenanthrene-d10	17.49

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	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53
4	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	46
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	45





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Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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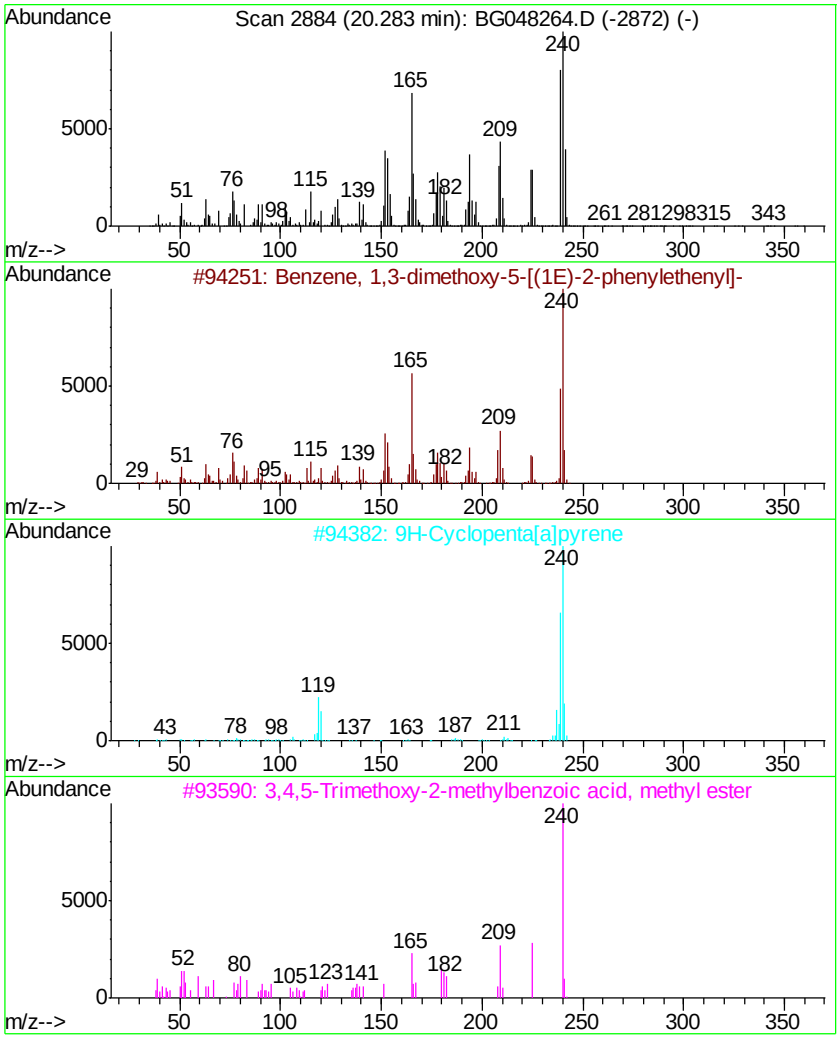
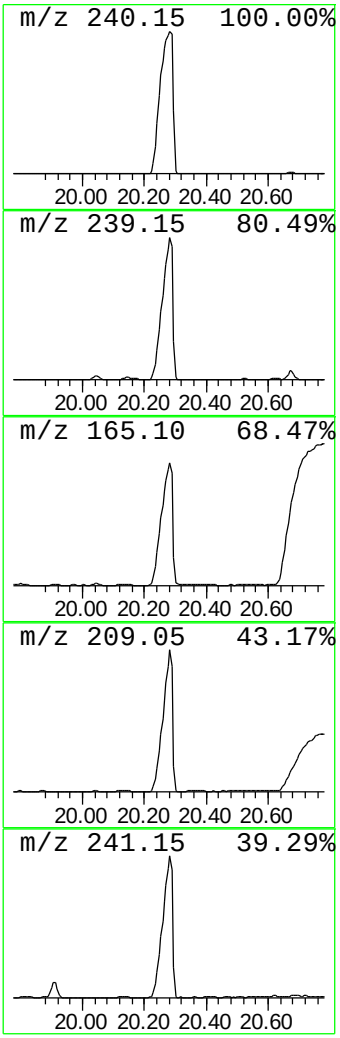
Peak Number 31 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	12.75 ng/ul	58332000	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	96
2	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	27
3	3,4,5-Trimethoxy-2-methylbenzoic...	240	C12H16O5	247180-24-1	25
4	2,4,6,8,9-Pentathiatricyclo[3.3....	240	C6H8S5	057274-63-2	25
5	3,5-Diethyl-2-(4-methoxyphenyl)p...	241	C16H19NO	070928-38-0	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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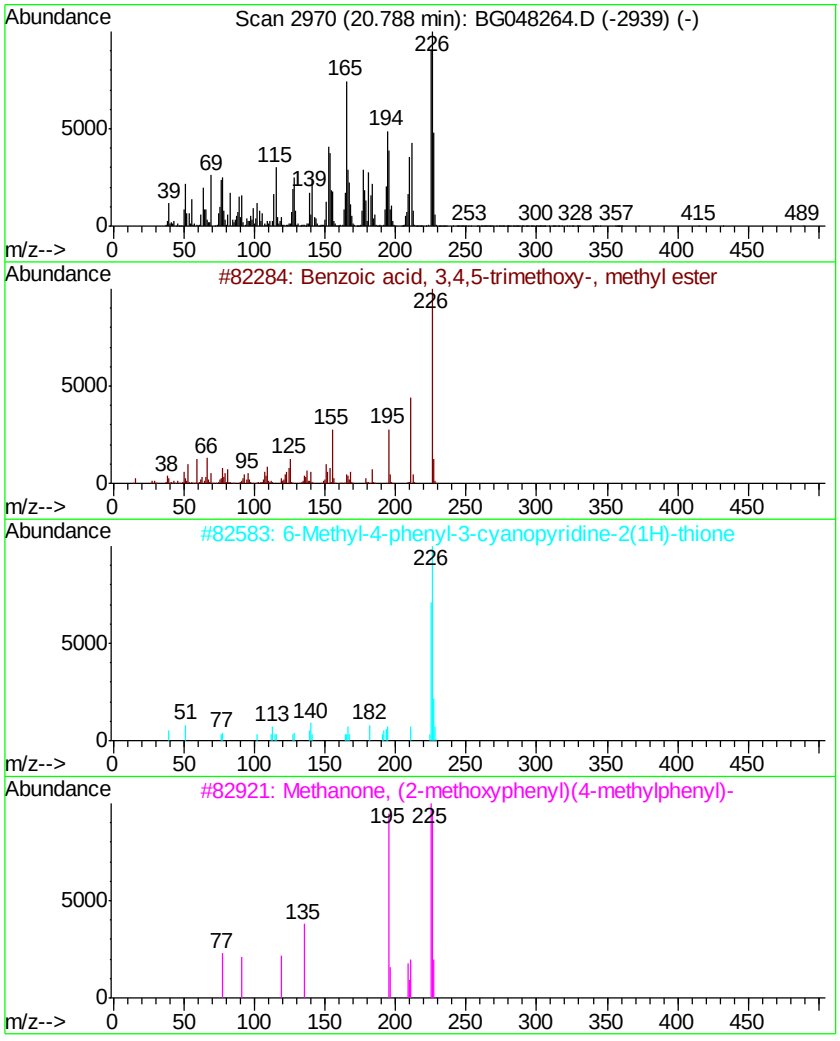
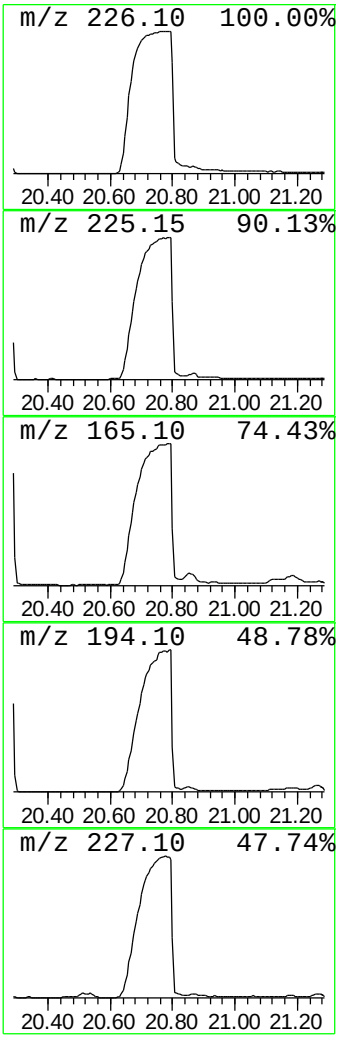
Peak Number 32 unknown-09 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	54.55 ng/ul	249567000	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	38
2	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	38
3	Methanone, (2-methoxyphenyl)(4-m...	226	C15H14O2	028137-36-2	38
4	Benzene, 1,2,4-trichloro-5-nitro-	225	C6H2Cl3NO2	000089-69-0	35
5	4-Amino-8-methoxybenzo[g]-1,5-na...	225	C13H11N3O	026660-50-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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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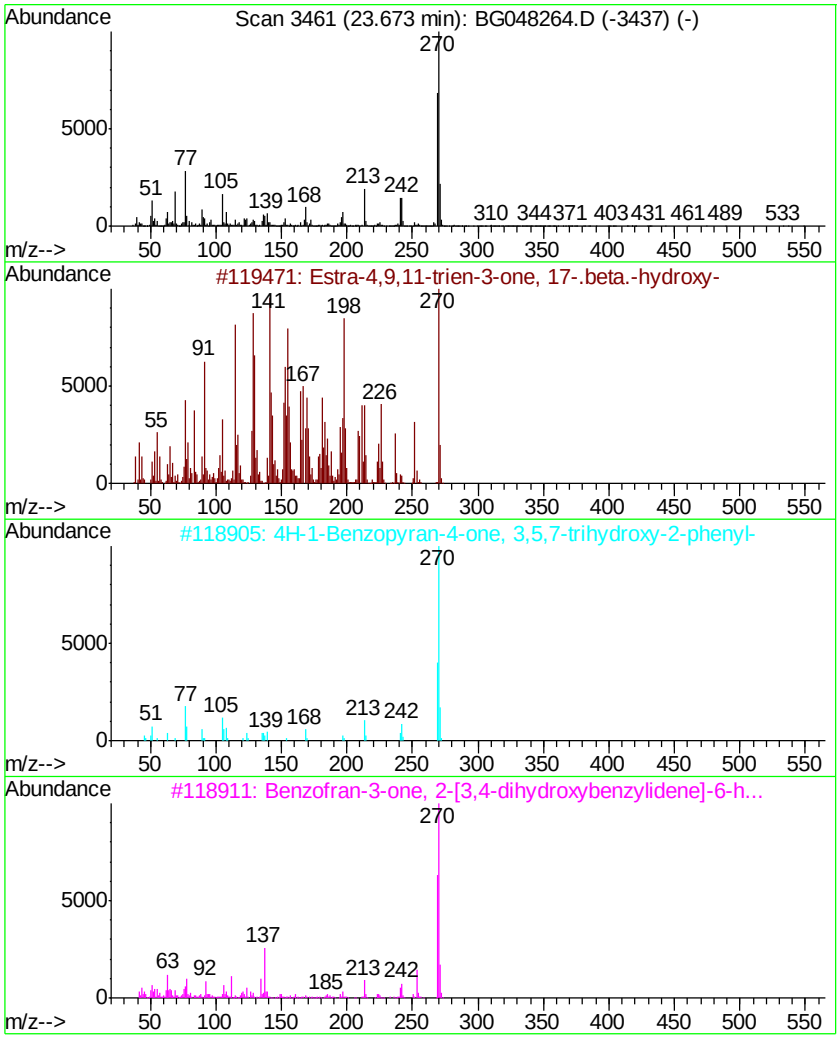
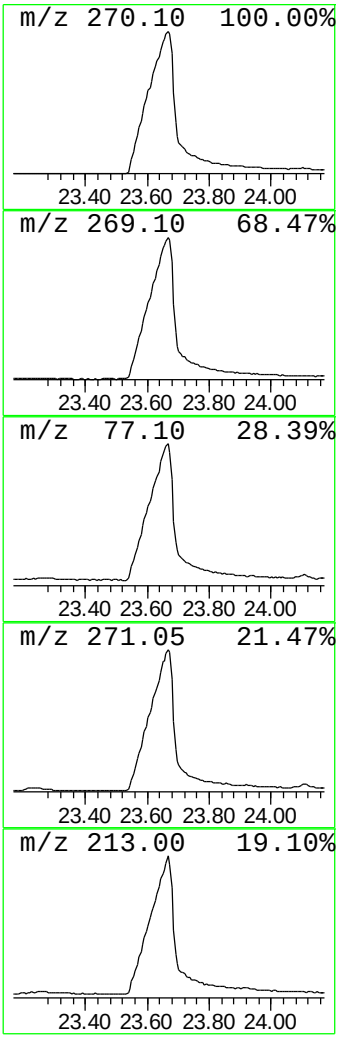
Peak Number 35 Estra-4,9,11-trien-3-one, 1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	198.36 ng/ul	46392400	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estra-4,9,11-trien-3-one, 17-.be...	270	C18H22O2	010161-33-8	95
2	4H-1-Benzopyran-4-one, 3,5,7-tri...	270	C15H10O5	000548-83-4	87
3	Benzofran-3-one, 2-[3,4-dihydrox...	270	C15H10O5	1000128-63-2	64
4	9,10-Anthracenedione, 1,3,8-trih...	270	C15H10O5	000518-82-1	58
5	9,10-Anthracenedione, 1,8-dihydr...	270	C15H10O5	000481-72-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022221\
Data File : BG048264.D
Acq On : 22 Feb 2021 11:53
Operator : CG/JU
Sample : M1415-01 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBH02

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	32.4	ng/ul	570592	1	8.11	351737	20.0
D-Limonene	8.33	67.6	ng/ul	1189330	1	8.11	351737	20.0
Eucalyptol	8.41	26.5	ng/ul	466598	1	8.11	351737	20.0
Bicyclo[2.2.1]hep...	9.84	23.9	ng/ul	444633	2	10.93	371723	20.0
Cyclohexanol, 1-m...	10.26	62.2	ng/ul	1156300	2	10.93	371723	20.0
endo-Borneol	10.71	98.3	ng/ul	1827960	2	10.93	371723	20.0
unknown-01	10.99	146.5	ng/ul	2722670	2	10.93	371723	20.0
Camphene	11.05	22.2	ng/ul	413259	2	10.93	371723	20.0
Cyclohexanemethan...	12.67	201.7	ng/ul	3749330	2	10.93	371723	20.0
unknown-02	12.93	27.6	ng/ul	1245940	3	14.74	902984	20.0
Ethanone, 1-(3-et...	14.85	7.7	ng/ul	345649	3	14.74	902984	20.0
unknown-03	15.17	8.5	ng/ul	385670	3	14.74	902984	20.0
unknown-04	15.44	10.8	ng/ul	488507	3	14.74	902984	20.0
Homovanillic acid	16.11	22.6	ng/ul	1019060	3	14.74	902984	20.0
Phenol, 3-(2-phen...	17.68	78.6	ng/ul	2424660	4	17.49	617284	20.0
unknown-05	18.50	13.2	ng/ul	407201	4	17.49	617284	20.0
4-Hydroxy-4'-nitr...	18.56	18.6	ng/ul	574194	4	17.49	617284	20.0
Dicyclopenta[a,d]...	18.75	21.0	ng/ul	647824	4	17.49	617284	20.0
trans-1,2-Bis(met...	18.80	28.4	ng/ul	876380	4	17.49	617284	20.0
2H-1,2,3-Triazole...	18.94	11.9	ng/ul	365827	4	17.49	617284	20.0
unknown-06	19.10	57.0	ng/ul	1759070	4	17.49	617284	20.0
unknown-07	19.17	35.4	ng/ul	1093620	4	17.49	617284	20.0
s-Indacene-1,7-di...	19.21	16.2	ng/ul	500658	4	17.49	617284	20.0
Adamantane-1-carb...	19.28	58.4	ng/ul	1802280	4	17.49	617284	20.0
unknown-08	19.32	194.6	ng/ul	6007290	4	17.49	617284	20.0
Silane, chlorotri...	19.44	52.9	ng/ul	1632410	4	17.49	617284	20.0
10,18-Bisnorabiet...	19.58	91.8	ng/ul	2832600	4	17.49	617284	20.0
Benzene, 1,3-dime...	20.28	12.8	ng/ul	58332000	5	21.80	91495100	20.0
unknown-09	20.79	54.5	ng/ul	249567000	5	21.80	91495100	20.0
Estra-4,9,11-trie...	23.67	198.4	ng/ul	46392400	6	25.17	4677590	20.0