LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	5.766	493	498	513	rVB	381064	850873	0.34%	0.088%
2	5.989	528	536	540	rVV3	479908	1098283	0.44%	0.114%
3	6.195	566	571	586	rVB	781793	1363310	0.55%	0.142%
4	6.636	640	646	657	rVB	826900	1498089	0.60%	0.156%
5	7.247	741	750	753	rVV3	832564	1695275	0.68%	0.176%
6	7.288	753	757	765	rVV3	2212646	3844849	1.54%	0.399%
7	7.511	783	795	800	rBV2	1300697	3190573	1.28%	0.331%
8	7.576	800	806	815	rVB	5917829	9925549	3.98%	1.031%
9	7.711	824	829	837	rVB2	1096927	1858630	0.75%	0.193%
10	7.805	837	845	849	rBV2	894838	1736783	0.70%	0.180%
11	8.245	894	920	932	rBV	12795084	33268715	13.34%	3.456%
12	8.545	967	971	976	rVV	762714	1247603	0.50%	0.130%
13	8.616	976	983	993	rVB2	7333871	13174889	5.28%	1.369%
14	8.721	993	1001	1009	rVB	1325178	2664825	1.07%	0.277%
15	8.851	1018	1023	1029	rVV5	436340	1220142	0.49%	0.127%
16	8.968	1037	1043	1050	rVB	962619	1859633	0.75%	0.193%
17	9.285	1083	1097	1103	rBV2	1158699	2646632	1.06%	0.275%
18	9.362	1103	1110	1116	rBV2	917810	1765442	0.71%	0.183%
19	9.620	1126	1154	1156	rBV3	1514314	7434274	2.98%	0.772%
20	9.703	1159	1168	1173	rBV7	933893	2789767	1.12%	0.290%
21	9.779	1175	1181	1190	rVB3	3409551	7600971	3.05%	0.790%
22	9.867	1190	1196	1198	rBV5	556338	993236	0.40%	0.103%
23	9.943	1199	1209	1215	rVB2	1353861	4343077	1.74%	0.451%
24	10.026	1216	1223	1227	rVV	1304656	2559472	1.03%	0.266%
25	10.096	1227	1235	1243	rVV6	1462849	4090937	1.64%	0.425%
26	10.173	1243	1248	1252	rVV	457990	895289	0.36%	0.093%
27	10.237	1252	1259	1271	rVB5	722466	2222556	0.89%	0.231%
28	10.384	1272	1284	1297	rBV2	876588	2643963	1.06%	0.275%
29	10.525	1298	1308	1320	rBV3	1377767	4343627	1.74%	0.451%
30	10.648	1320	1329	1334	rVV5	1065722	2691933	1.08%	0.280%
31	10.701	1334	1338	1343	rVV4	443257	850599	0.34%	0.088%
32	10.760	1343	1348	1361	rVB4	597331	1605931	0.64%	0.167%
33	10.901	1362	1372	1377	rBV5	654401	2289886	0.92%	0.238%
34	11.083	1393	1403	1409	rVB	17002320	42287695	16.96%	4.393%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
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Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

35	11.183	1415	1420	1427	rVB	1639940	3109564	1.25%	0.323%
36	11.271	1427	1435	1440	rBV	3585551	7022172	2.82%	0.730%
37	11.336	1440	1446	1455	rVB	2670304	5672578	2.28%	0.589%
38	11.477	1464	1470	1479	rVB2	2446959	4670916	1.87%	0.485%
39	11.712	1502	1510	1518	rVB3	980008	2183798	0.88%	0.227%
40	11.853	1518	1534	1538	rBV	5159931	9388860	3.77%	0.975%
41	11.894	1538	1541	1552	rVB2	3323301	5226000	2.10%	0.543%
42	12.000	1552	1559	1560	rBV3	1070336	1967931	0.79%	0.204%
43	12.023	1561	1563	1570	rVV	1133842	1596942	0.64%	0.166%
44	12.235	1591	1599	1607	rVV5	1247519	3252938	1.30%	0.338%
45	12.399	1617	1627	1634	rVB5	816204	1863439	0.75%	0.194%
46	12.523	1641	1648	1656	rBV6	561147	1403175	0.56%	0.146%
47	12.658	1665	1671	1678	rVB	7479746	12812283	5.14%	1.331%
48	12.746	1678	1686	1692	rBV5	401460	1164236	0.47%	0.121%
49	12.822	1693	1699	1701	rVV6	465532	978111	0.39%	0.102%
50	12.869	1701	1707	1714	rVB	5083463	9068697	3.64%	0.942%
51	12.952	1714	1721	1731	rBV	2452537	6504824	2.61%	0.676%
52	13.181	1751	1760	1765	rBV2	723516	1364708	0.55%	0.142%
53	13.345	1776	1788	1795	rBV	12323584	21253598	8.52%	2.208%
54	13.422	1796	1801	1808	rVV6	466168	900198	0.36%	0.094%
55	13.539	1816	1821	1835	rVV4	2586514	8044507	3.23%	0.836%
56	13.645	1835	1839	1846	rVB	1263871	1947104	0.78%	0.202%
57	13.845	1860	1873	1881	rVB3	3644767	8636830	3.46%	0.897%
58	13.986	1888	1897	1906	rVB4	932294	2704184	1.08%	0.281%
59	14.127	1907	1921	1926	rVV2	1700551	4096815	1.64%	0.426%
60	14.185	1926	1931	1941	rVB	1180507	2309614	0.93%	0.240%
61	14.280	1941	1947	1953	rBV	1099300	1959113	0.79%	0.204%
62	14.368	1954	1962	1971	rBV4	825224	2205859	0.88%	0.229%
63	14.509	1981	1986	2005	rVB2	1697366	4772420	1.91%	0.496%
64	14.744	2016	2026	2033	rBV	8871970	22302446	8.95%	2.317%
65	14.808	2033	2037	2041	rVV	789896	1236157	0.50%	0.128%
66	14.873	2042	2048	2056	rVV	2185720	5338631	2.14%	0.555%
67	14.943	2056	2060	2064	rVV	1429216	2657501	1.07%	0.276%
68	15.002	2064	2070	2078	rVB4	2808658	6898094	2.77%	0.717%
69	15.096	2079	2086	2090	rVV5	808981	1656422	0.66%	0.172%
70	15.143	2090	2094	2096	rVV	1034264	1700967	0.68%	0.177%
71	15.208	2096	2105	2113	rVV2	4348891	14281796	5.73%	1.484%

LSC Area Percent Report

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Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

72	15.325	2113	2125	2134	rVV8	5077895	25208430	10.11%	2.619%
73	15.413	2134	2140	2143	rVV	9206290	17721332	7.11%	1.841%
74	15.443	2143	2145	2153	rVB	7388295	10376402	4.16%	1.078%
75	15.555	2153	2164	2168	rBV3	2175907	6330226	2.54%	0.658%
76	15.607	2168	2173	2183	rVB3	1891043	5899880	2.37%	0.613%
77	15.801	2193	2206	2212	rBV6	4026710	11359901	4.56%	1.180%
78	15.860	2212	2216	2223	rVB2	1971836	3414562	1.37%	0.355%
79	16.013	2224	2242	2255	rBV3	50915593	249324332	100.00%	25.902%
80	16.577	2329	2338	2347	rVB3	2201885	4781334	1.92%	0.497%
81	16.765	2366	2370	2379	rVB4	464068	940956	0.38%	0.098%
82	16.865	2379	2387	2392	rVB4	432215	993791	0.40%	0.103%
83	17.000	2405	2410	2417	rVB5	884765	1548559	0.62%	0.161%
84	17.288	2441	2459	2469	rVV2	61508120	210844161	84.57%	21.904%
85	17.435	2481	2484	2491	rVB2	1375972	2079850	0.83%	0.216%
86	17.582	2503	2509	2512	rBV2	1253162	2114852	0.85%	0.220%
87	17.623	2512	2516	2521	rVV	3854057	6725384	2.70%	0.699%
88	17.676	2521	2525	2540	rVB2	2423282	4868982	1.95%	0.506%
89	17.981	2570	2577	2583	rVB	5037811	8085596	3.24%	0.840%
90	18.639	2681	2689	2701	rBV	404058	1576235	0.63%	0.164%
91	18.986	2742	2748	2756	rVB2	675178	1149083	0.46%	0.119%
92	19.603	2842	2853	2859	rBV	394134	1017514	0.41%	0.106%
93	19.744	2872	2877	2893	rVB	856774	1535002	0.62%	0.159%
94	19.938	2904	2910	2919	rBV	2374267	3950980	1.58%	0.410%
95	20.431	2989	2994	2999	rBV	1034583	1632450	0.65%	0.170%
96	20.837	3059	3063	3068	rVB	1317992	1619751	0.65%	0.168%
97	21.853	3229	3236	3244	rBV	1202043	2278182	0.91%	0.237%
98	21.994	3254	3260	3270	rVB	722569	1279752	0.51%	0.133%
99	25.008	3762	3773	3783	rBV2	1157850	3435574	1.38%	0.357%
100	25.243	3803	3813	3823	rBV2	610395	1782061	0.71%	0.185%

Sum of corrected areas: 962581850

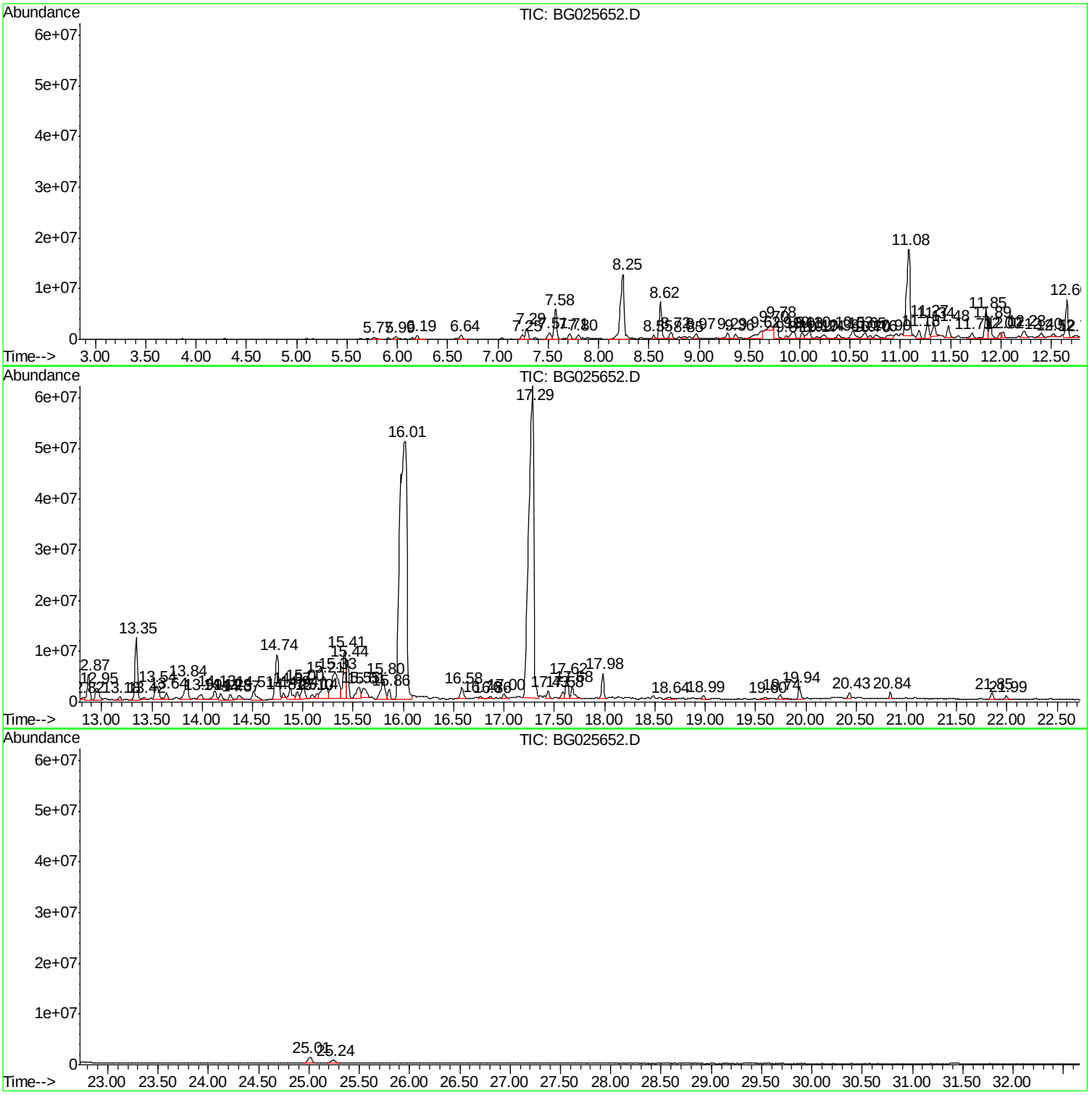
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

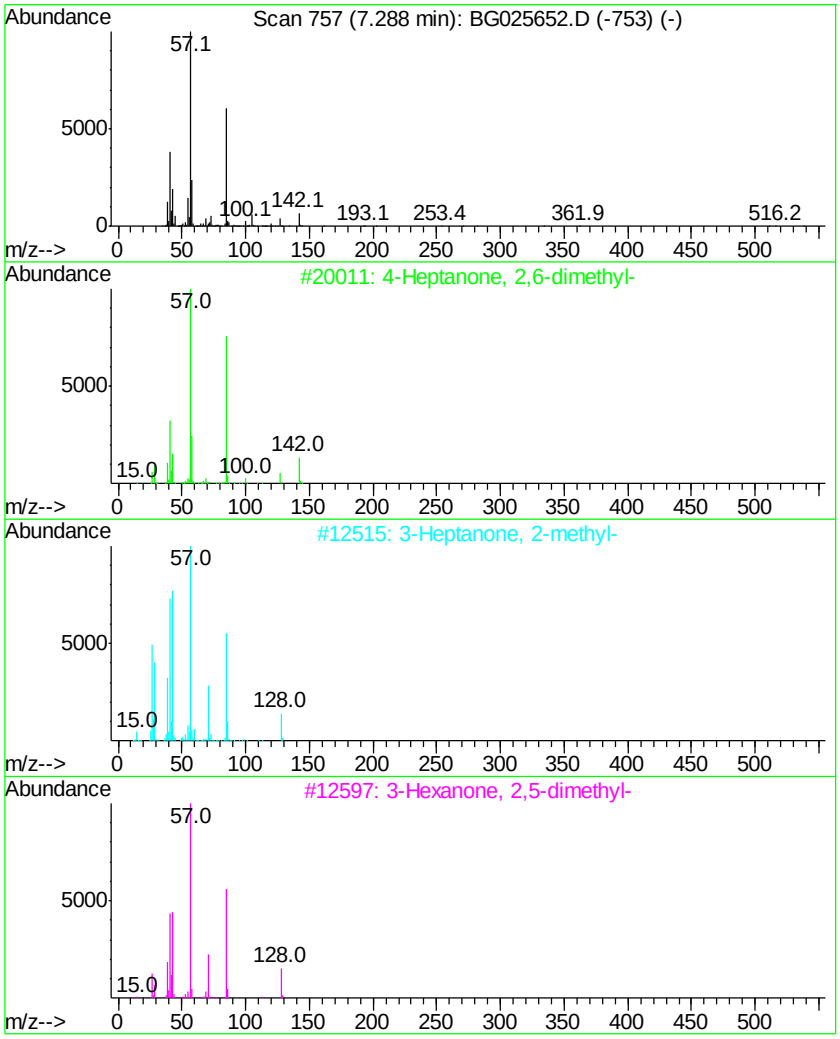
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

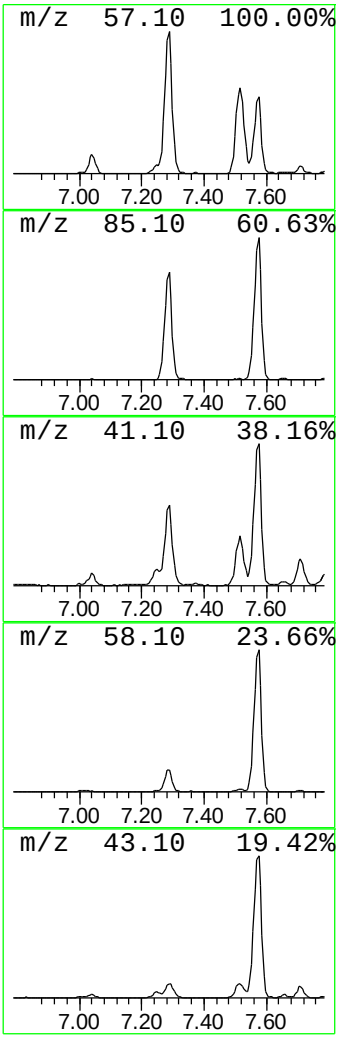
****

Peak Number 1 4-Heptanone, 2,6-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.31 ng/ul	3844850	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	83
2	3-Heptanone, 2-methyl-	128	C8H16O	013019-20-0	47
3	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	47
4	5-Nonanone	142	C9H18O	000502-56-7	47
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

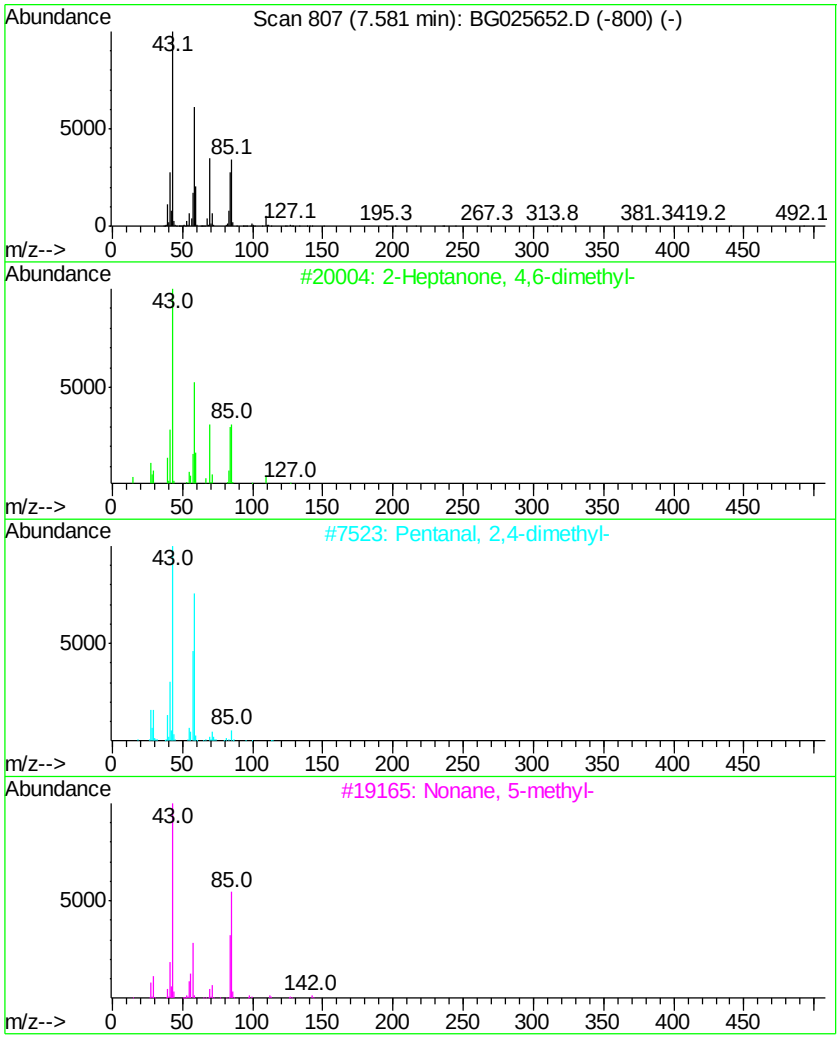
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

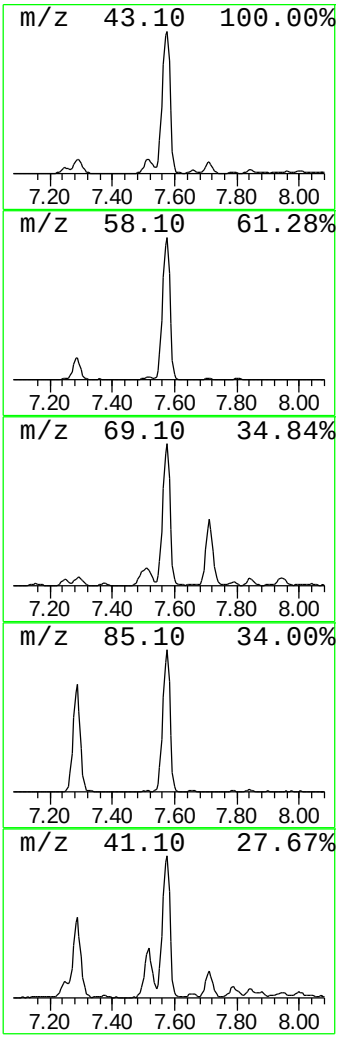
****

Peak Number 2 2-Heptanone, 4,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	5.97 ng/ul	9925550	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	83
2	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	43
3	Nonane, 5-methyl-	142	C10H22	015869-85-9	38
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	38
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
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Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

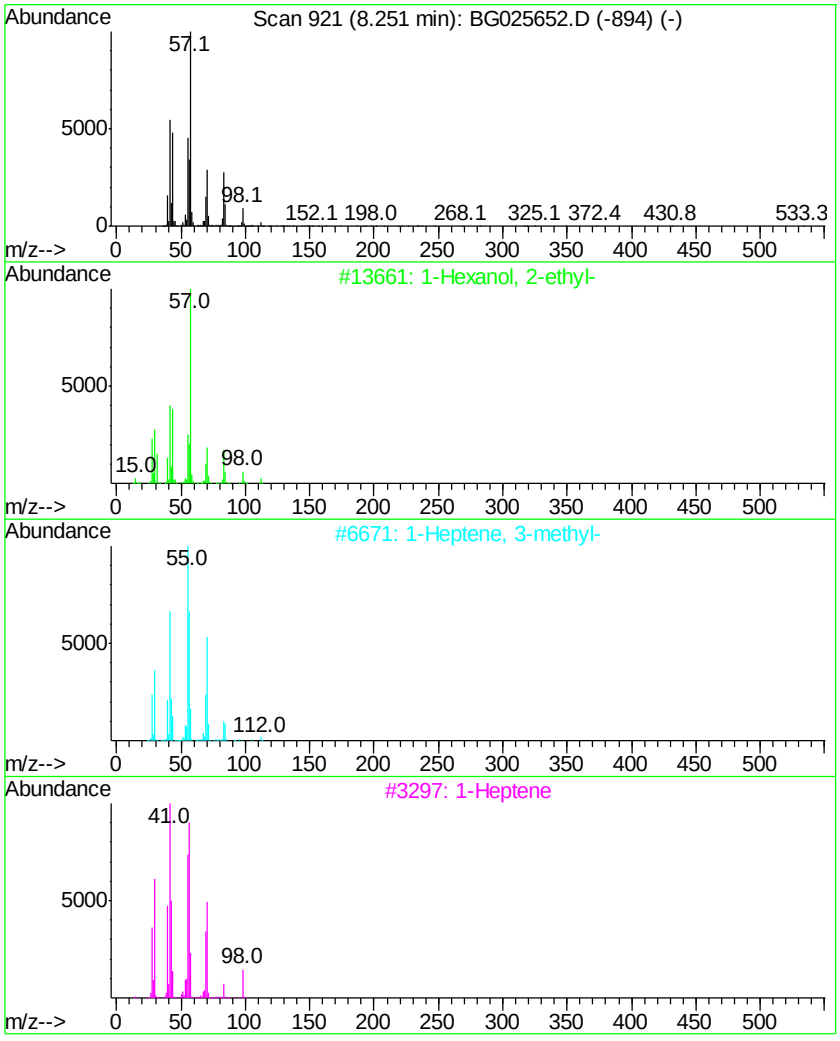
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

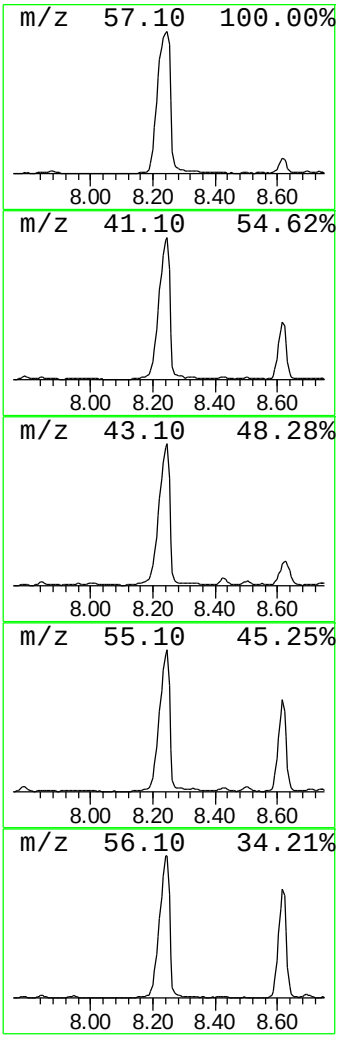
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	20.00 ng/ul	33268700	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	52
3	1-Heptene	98	C7H14	000592-76-7	50
4	1-Heptene	98	C7H14	000592-76-7	49
5	2-Octene	112	C8H16	000111-67-1	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

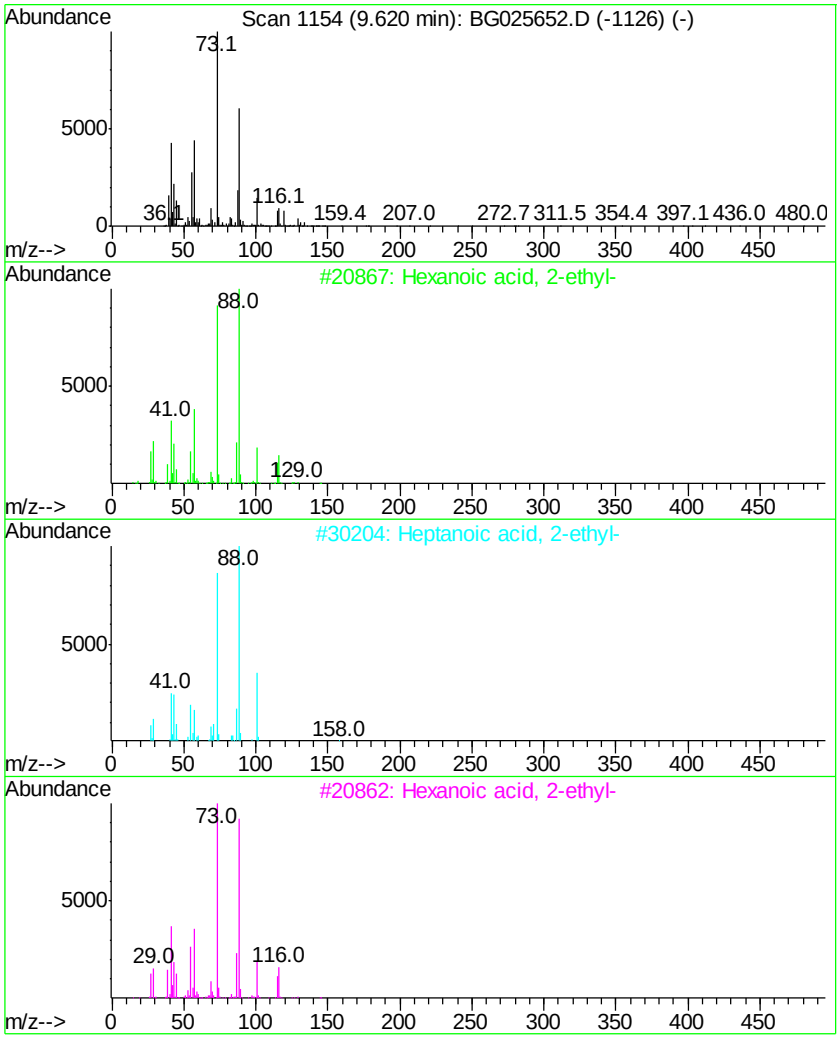
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

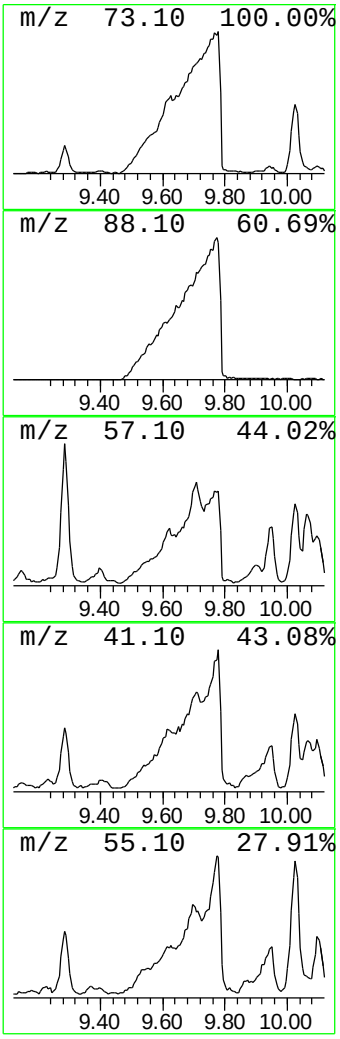
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	3.52 ng/ul	7434270	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	47
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40





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Data File : BG025652.D
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Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

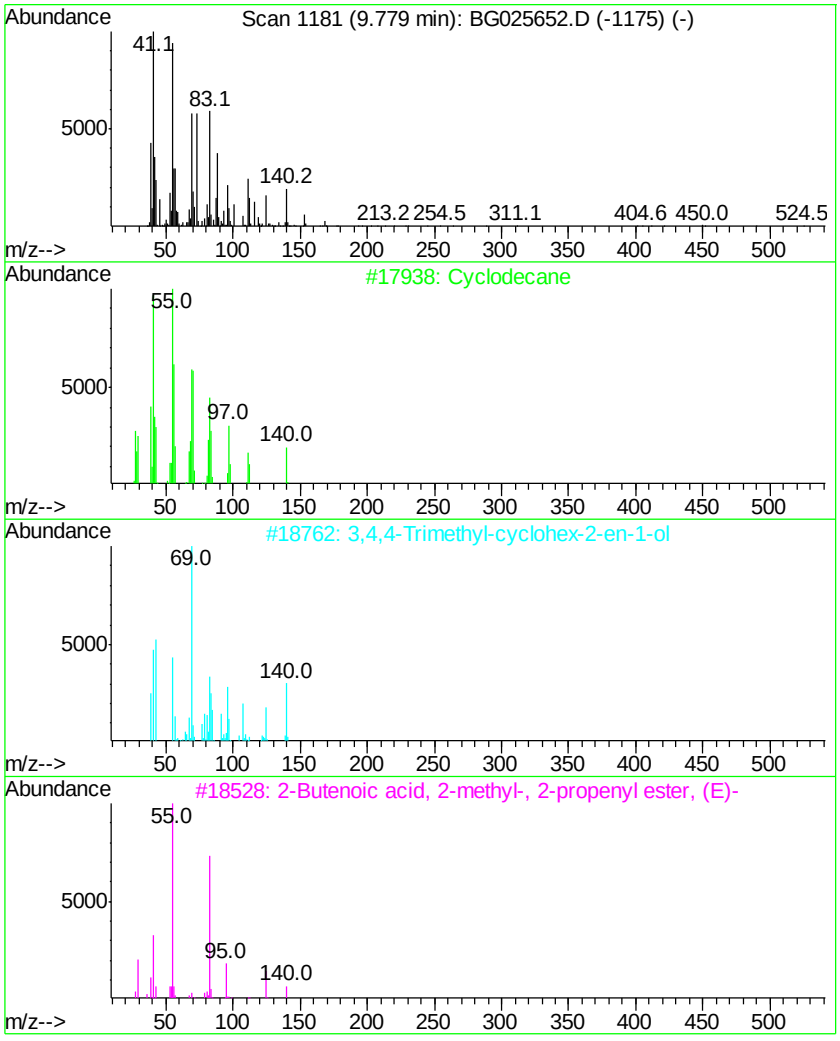
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

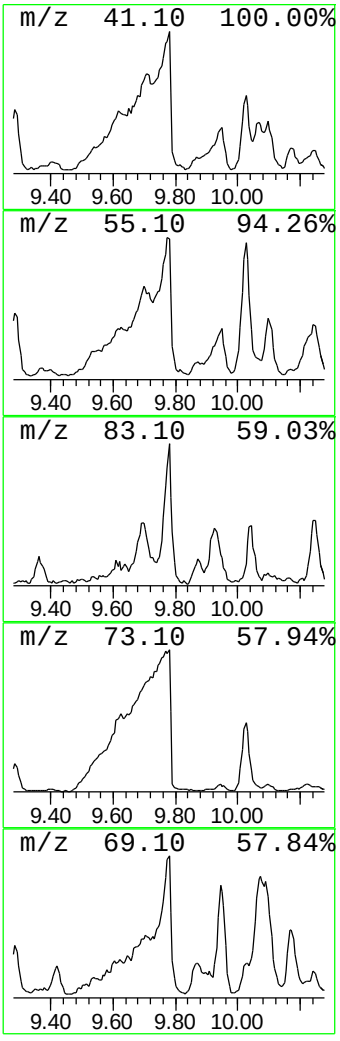
****

Peak Number 5 (DEL) Alkane: Cyclic9.78 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	3.59 ng/ul	7600970	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane	140	C10H20	000293-96-9	43
2	3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	30
3	2-Butenoic acid, 2-methyl-, 2-pr...	140	C8H12O2	007493-71-2	22
4	Cyclopentane acetic acid hydrazide	142	C7H14N2O	020287-25-6	22
5	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	18





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Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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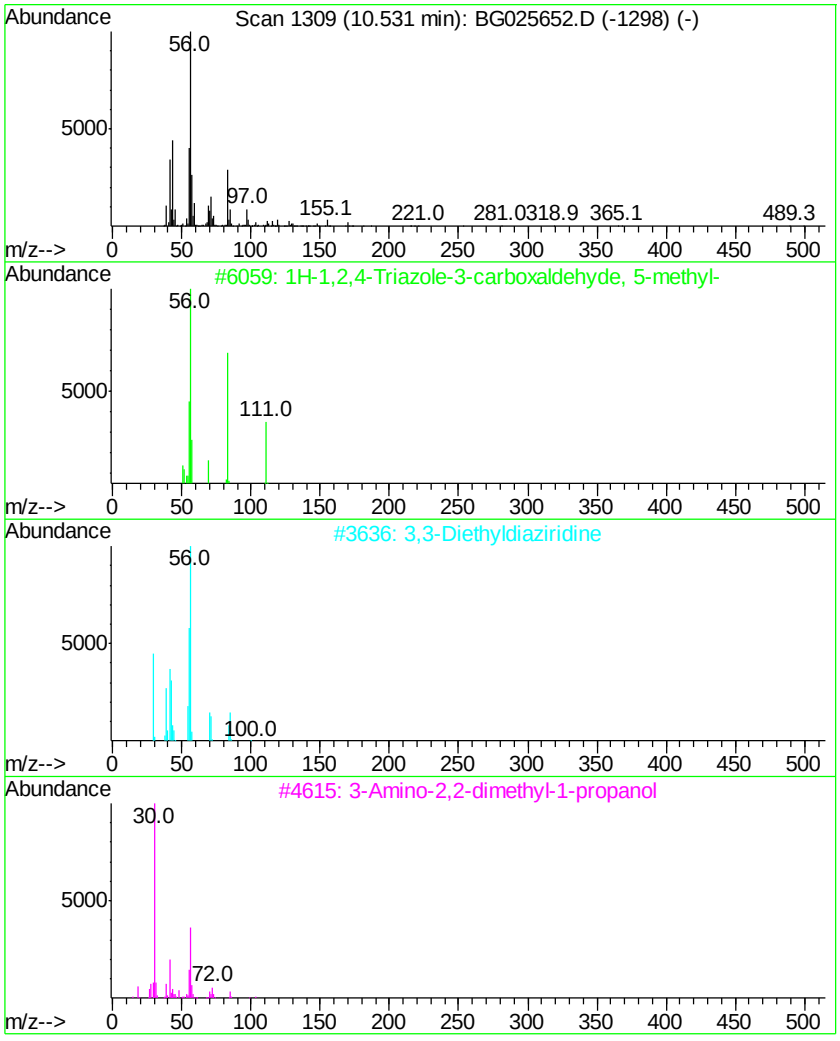
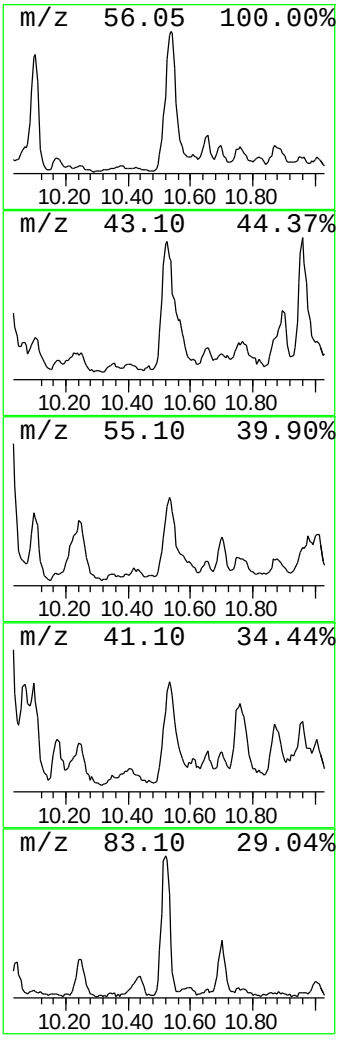
Peak Number 6 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.05 ng/ul	4343630	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	47
2	3,3-Diethyldiaziridine	100	C5H12N2	052175-94-7	43
3	3-Amino-2,2-dimethyl-1-propanol	103	C5H13NO	026734-09-8	38
4	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38
5	Cyclopentanamine	85	C5H11N	001003-03-8	35





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Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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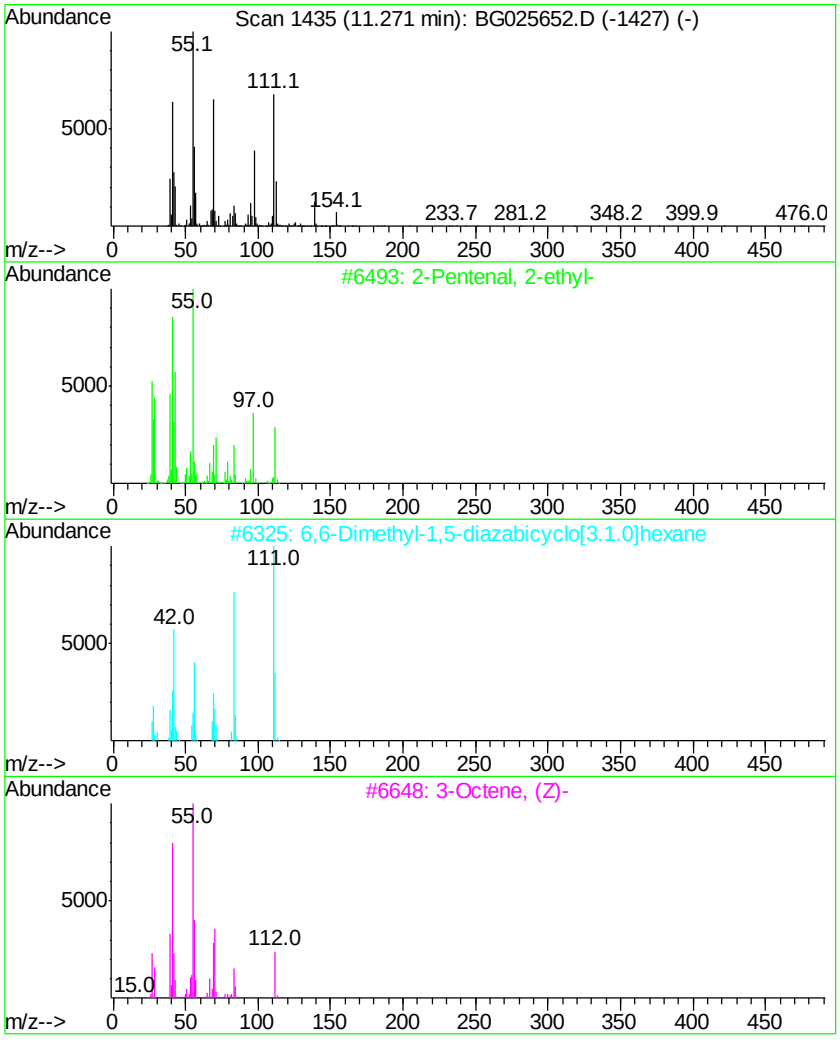
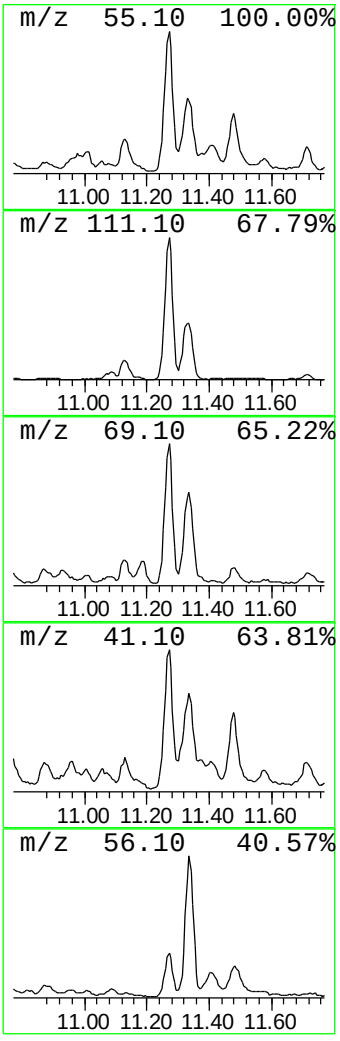
Peak Number 7 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	3.32 ng/ul	7022170	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	43
2	6,6-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	104518-69-6	38
3	3-Octene, (Z)-	112	C8H16	014850-22-7	38
4	4-Octene, (Z)-	112	C8H16	007642-15-1	38
5	Tetrahydrocarvone	154	C10H18O	000499-70-7	35





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Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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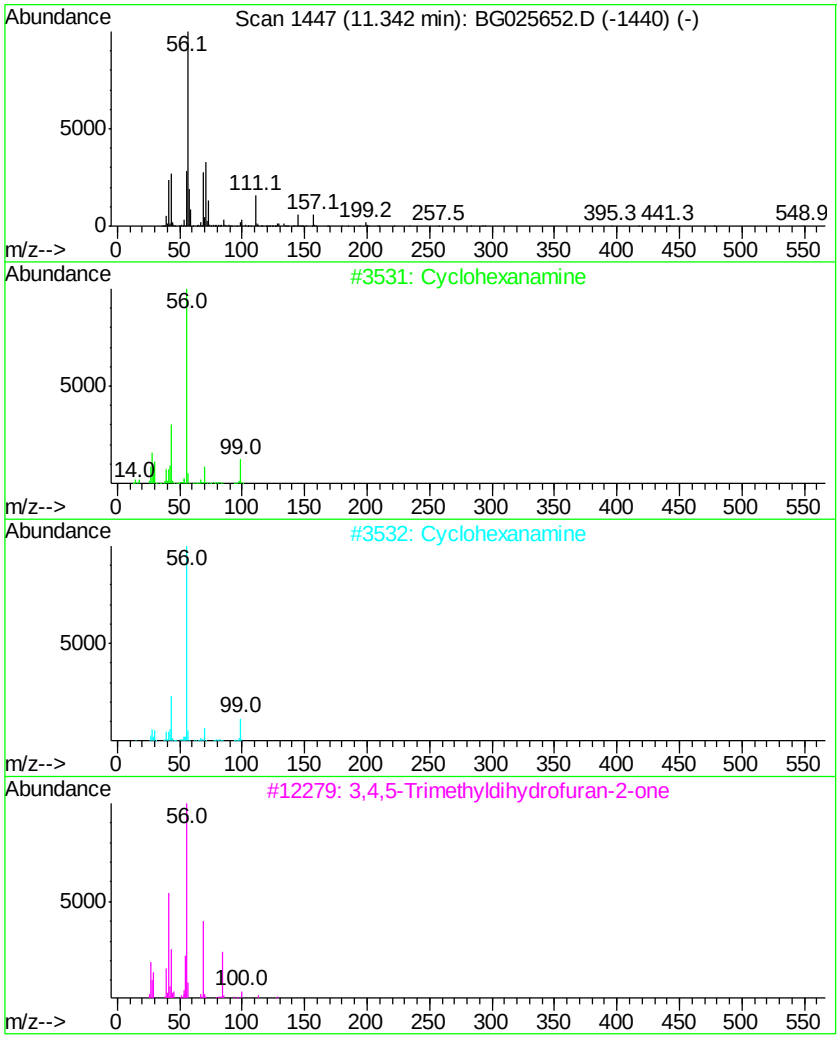
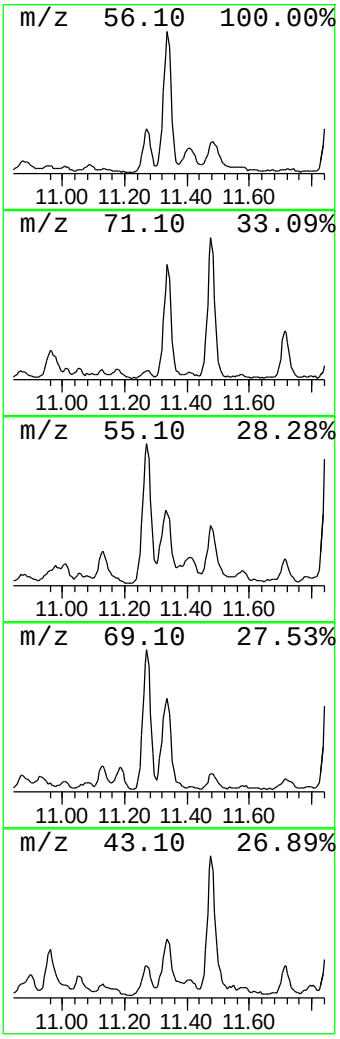
Peak Number 8 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.68 ng/ul	5672580	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine	99	C6H13N	000108-91-8	46
2	Cyclohexanamine	99	C6H13N	000108-91-8	37
3	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	32
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	28
5	Ethanamine, N-butylidene-	99	C6H13N	001611-12-7	25





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Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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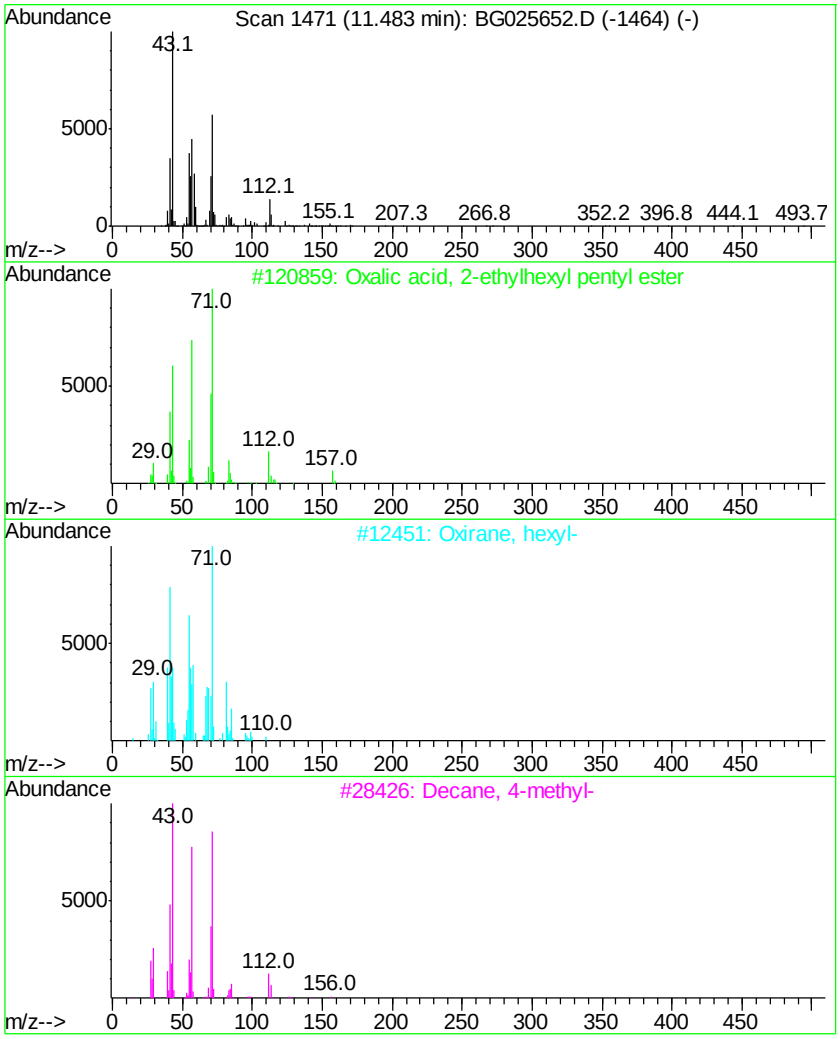
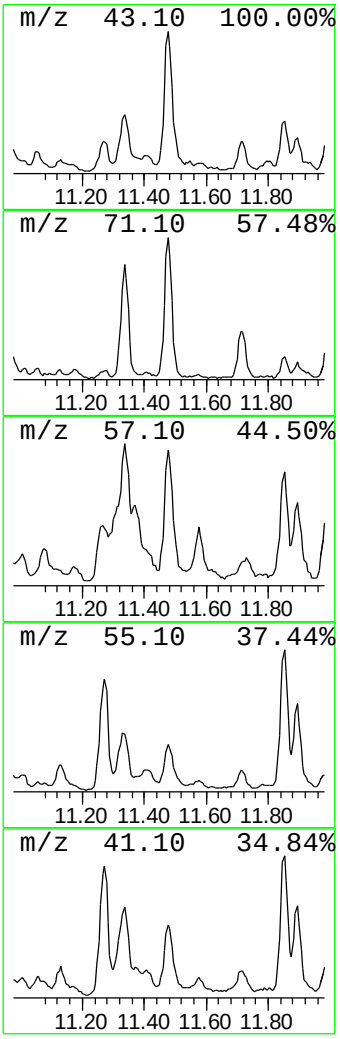
Peak Number 9 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	2.21 ng/ul	4670920	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	43
2	Oxirane, hexyl-	128	C8H16O	002984-50-1	42
3	Decane, 4-methyl-	156	C11H24	002847-72-5	38
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	38
5	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	38





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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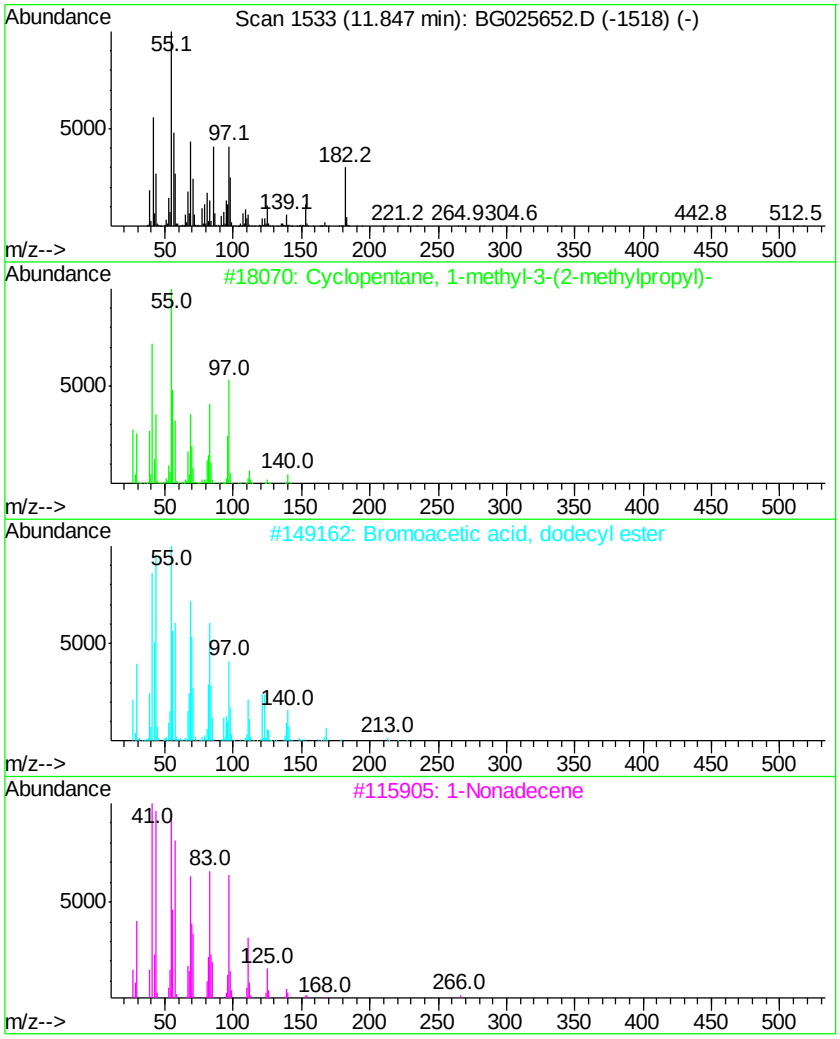
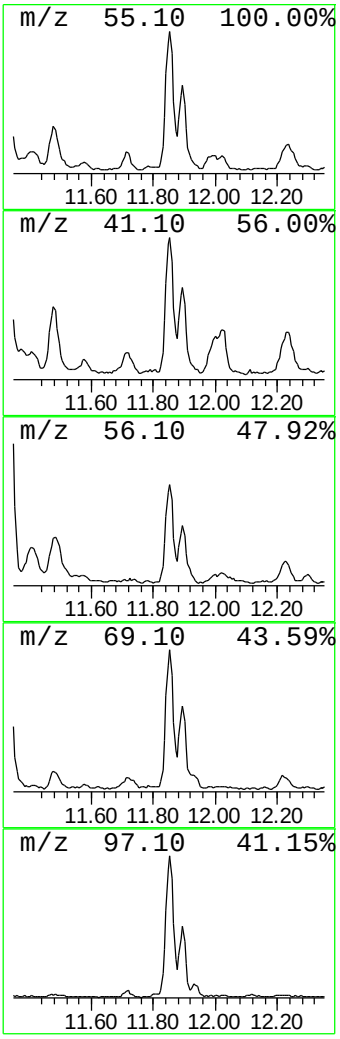
Peak Number 10 (DEL) Alkane: Cyclic11.85 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.44 ng/ul	9388860	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	35
2	Bromoacetic acid, dodecyl ester	306	C14H27BrO2	003674-07-5	32
3	1-Nonadecene	266	C19H38	018435-45-5	32
4	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	32
5	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	25





Library Search Compound Report

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Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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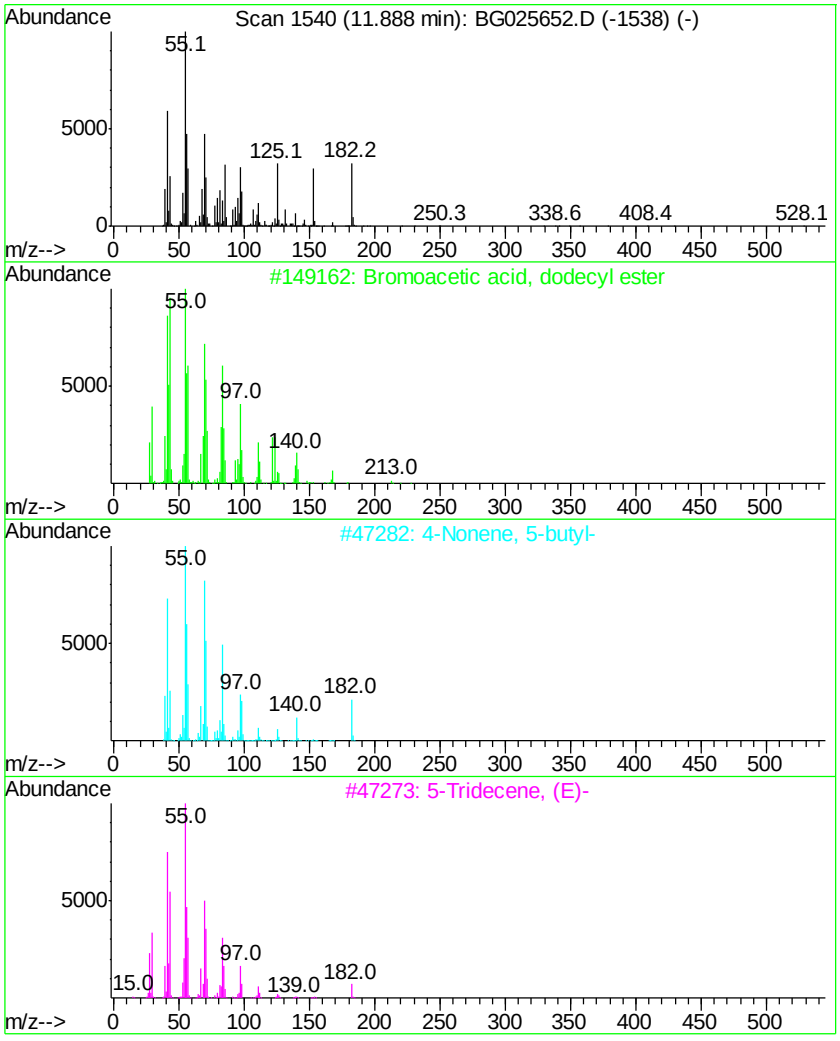
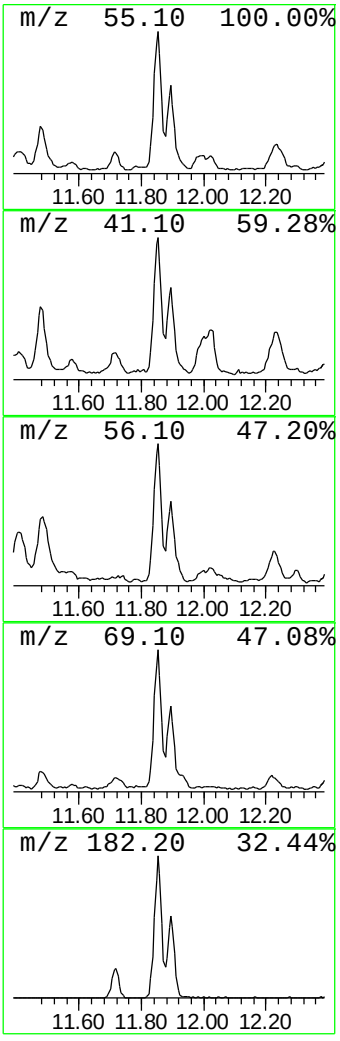
Peak Number 11 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.47 ng/ul	5226000	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, dodecyl ester	306	C14H27BrO2	003674-07-5	37
2	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	35
3	5-Tridecene, (E)-	182	C13H26	023051-84-5	32
4	Cyclododecane	168	C12H24	000294-62-2	25
5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	22





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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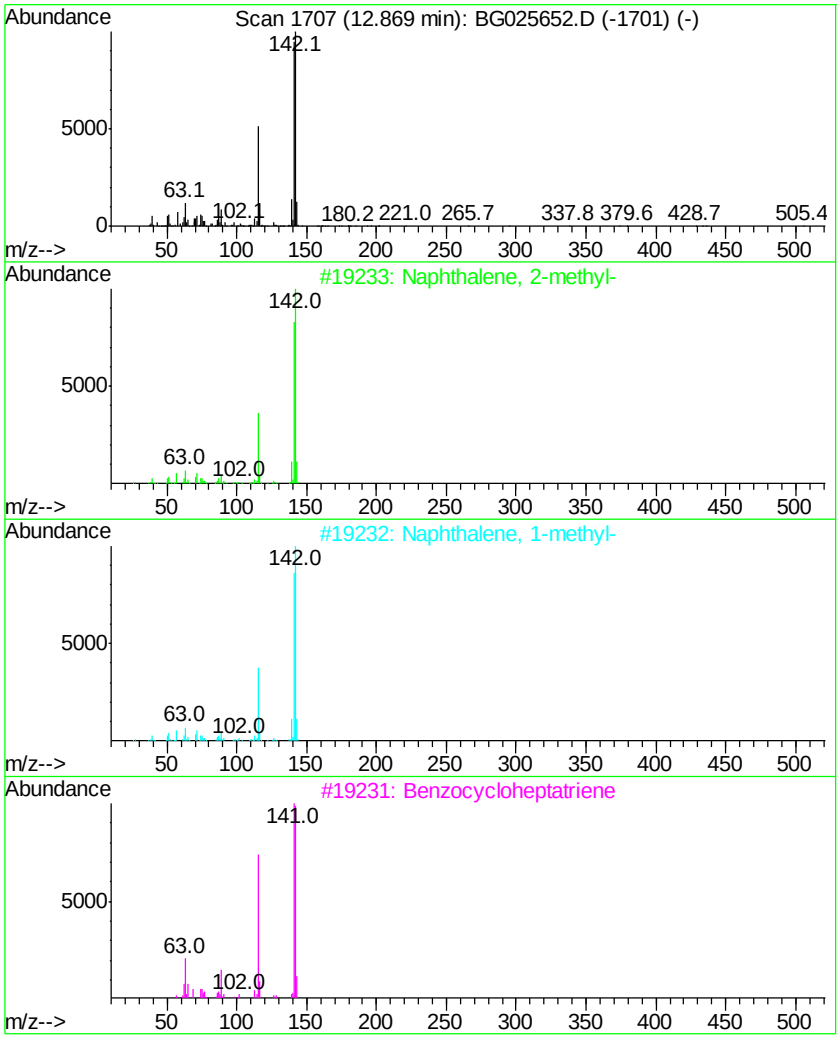
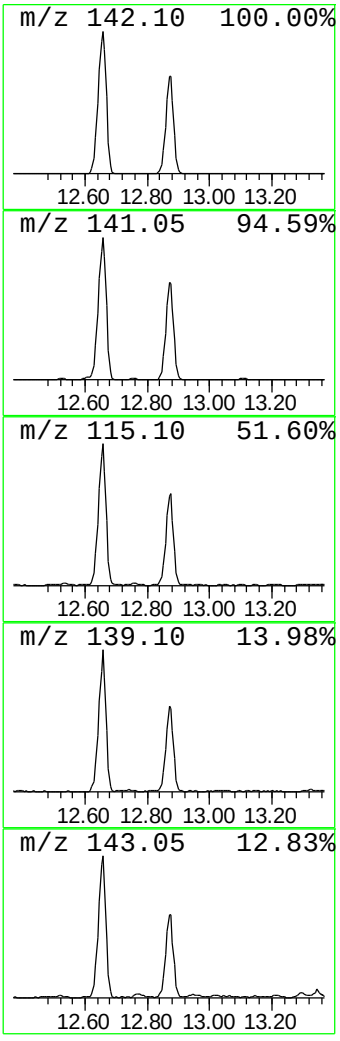
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.29 ng/ul	9068700	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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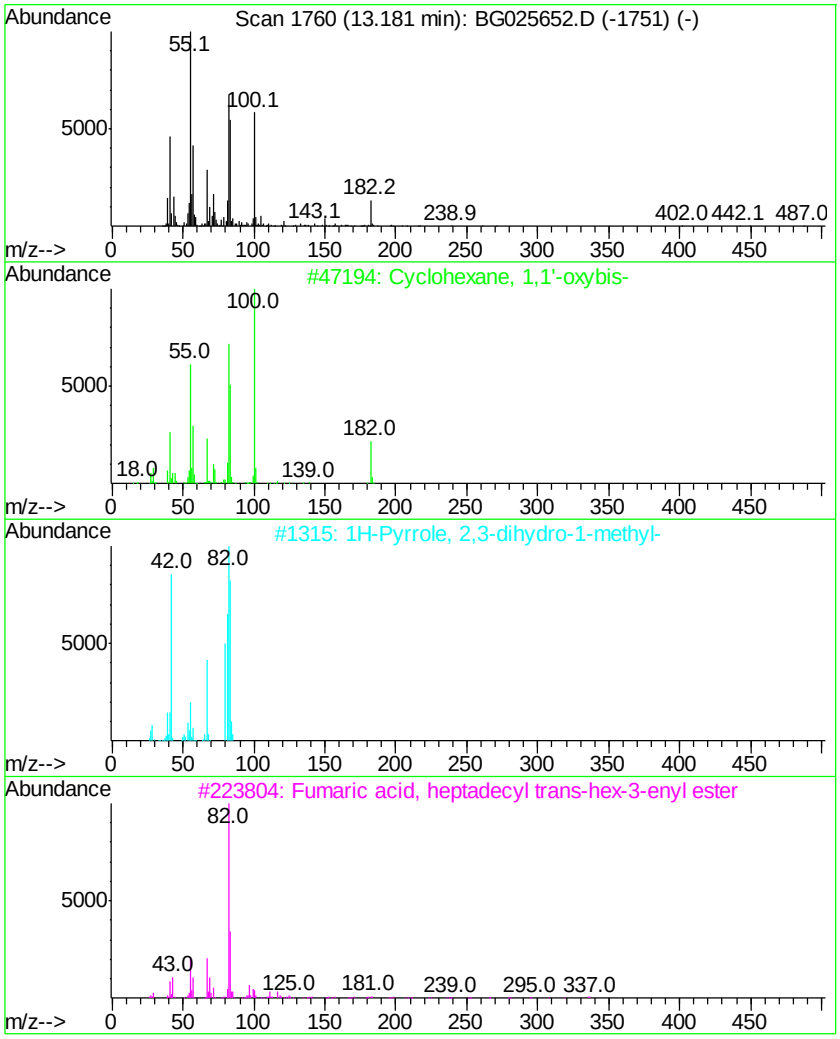
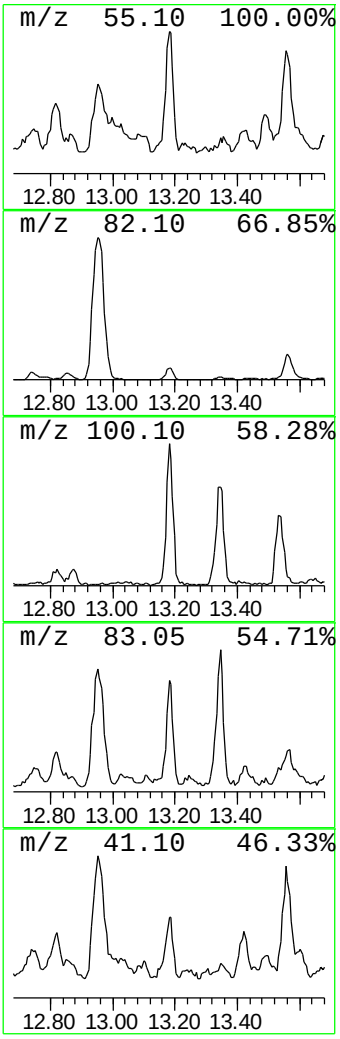
Peak Number 14 Cyclohexane, 1,1'-oxybis- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	22.08 ng/ul	1364710	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-oxybis-	182	C12H22O	004645-15-2	94
2	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	43
3	Fumaric acid, heptadecyl trans-h...	436	C27H48O4	1000348-89-7	35
4	Heptylcyclohexane	182	C13H26	005617-41-4	35
5	Fumaric acid, cis-hex-3-enyl hep...	436	C27H48O4	1000348-87-2	35





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Misc :
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Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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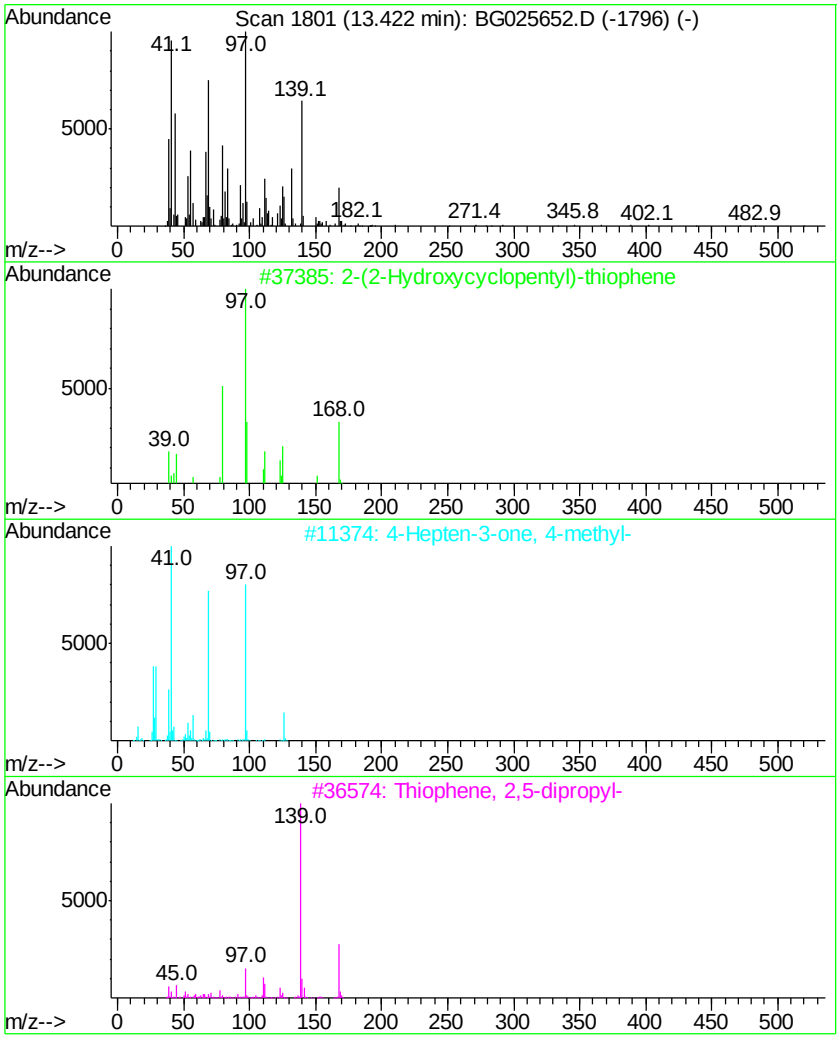
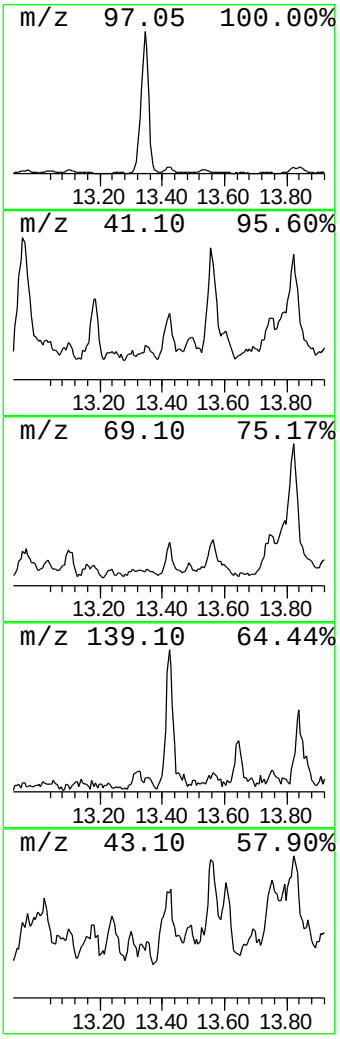
Peak Number 15 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	14.56 ng/ul	900198	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxycyclopentyl)-thiophene	168	C9H12OS	1000145-07-8	38
2	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	38
3	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	38
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	25
5	4-Nonene, 2,3,3-trimethyl-, (E)-	168	C12H24	063830-67-1	22





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Quant Title : SVOA CALIBRATION

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

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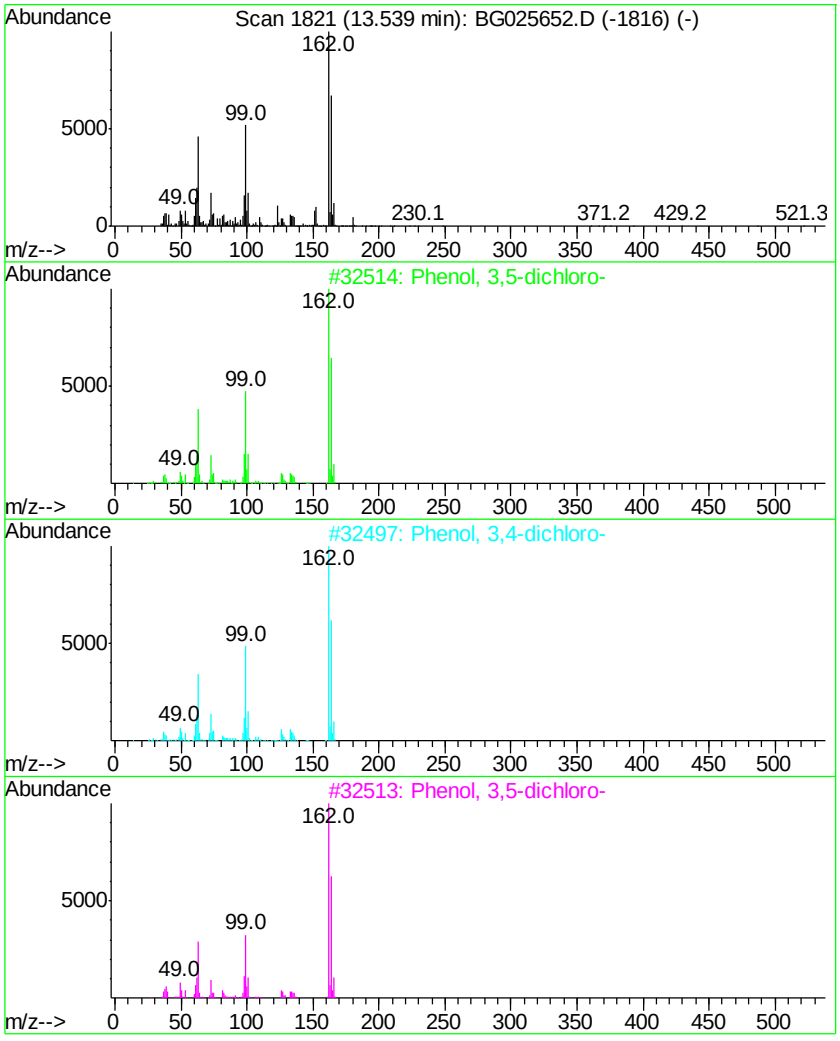
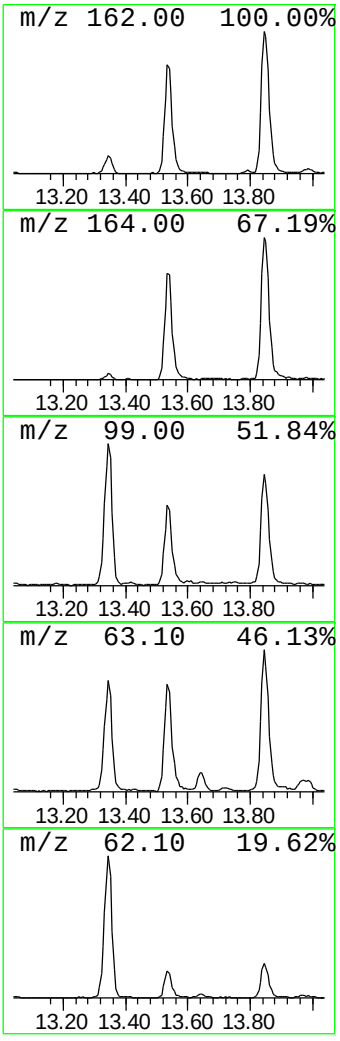
Peak Number 16 Phenol, 3,5-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	130.15 ng/ul	8044510	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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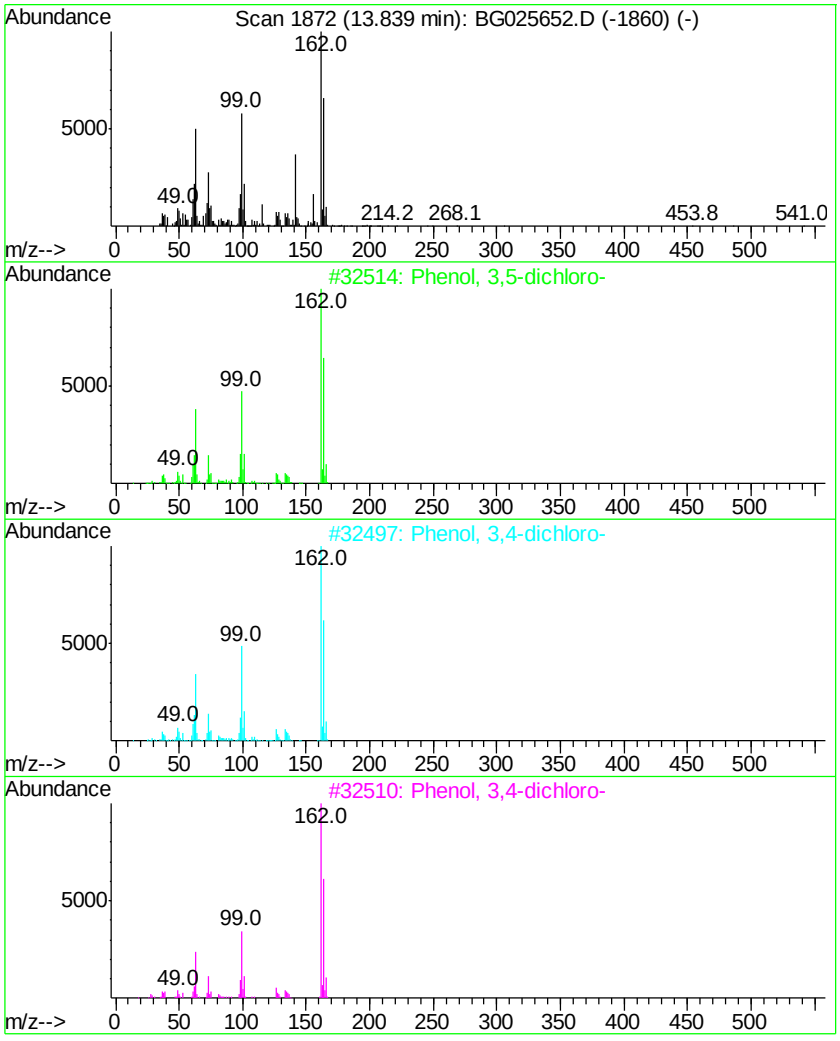
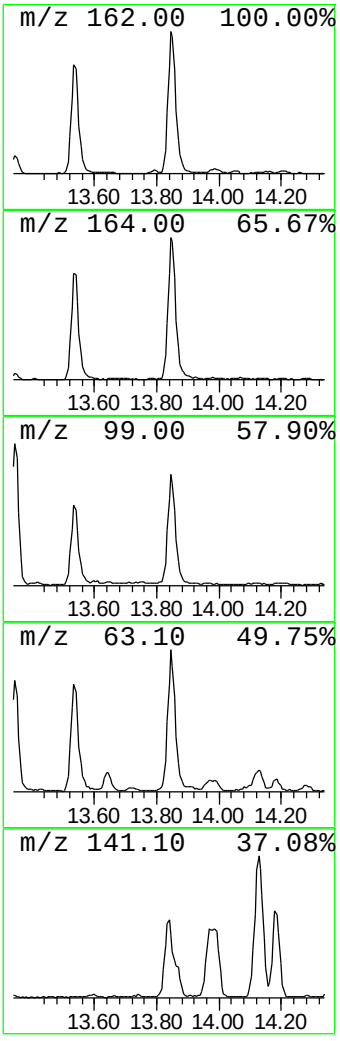
Peak Number 17 Phenol, 3,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	139.74 ng/ul	8636830	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	93





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Sample : I1387-03
Misc :
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Quant Title : SVOA CALIBRATION

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

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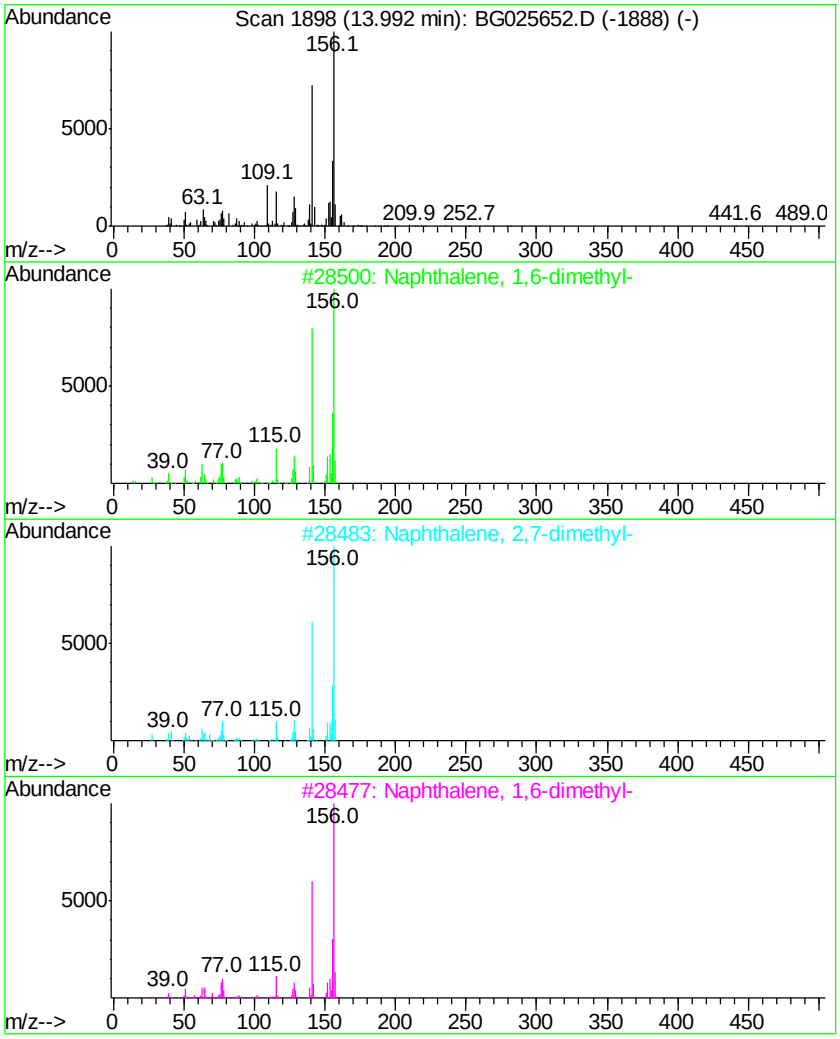
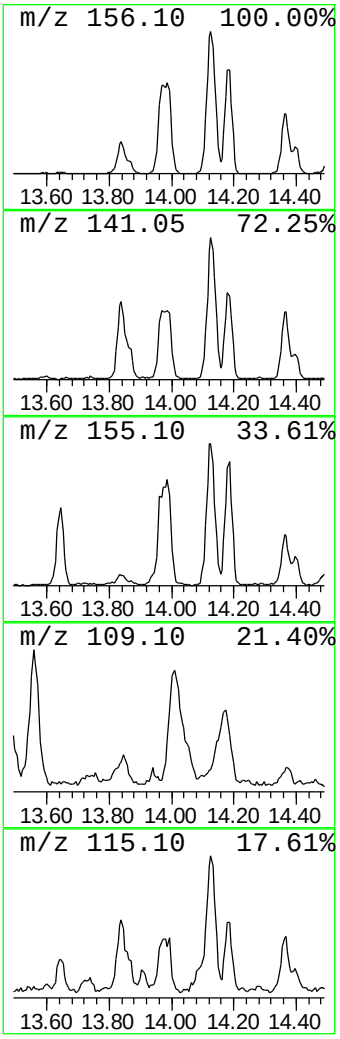
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	43.75 ng/ul	2704180	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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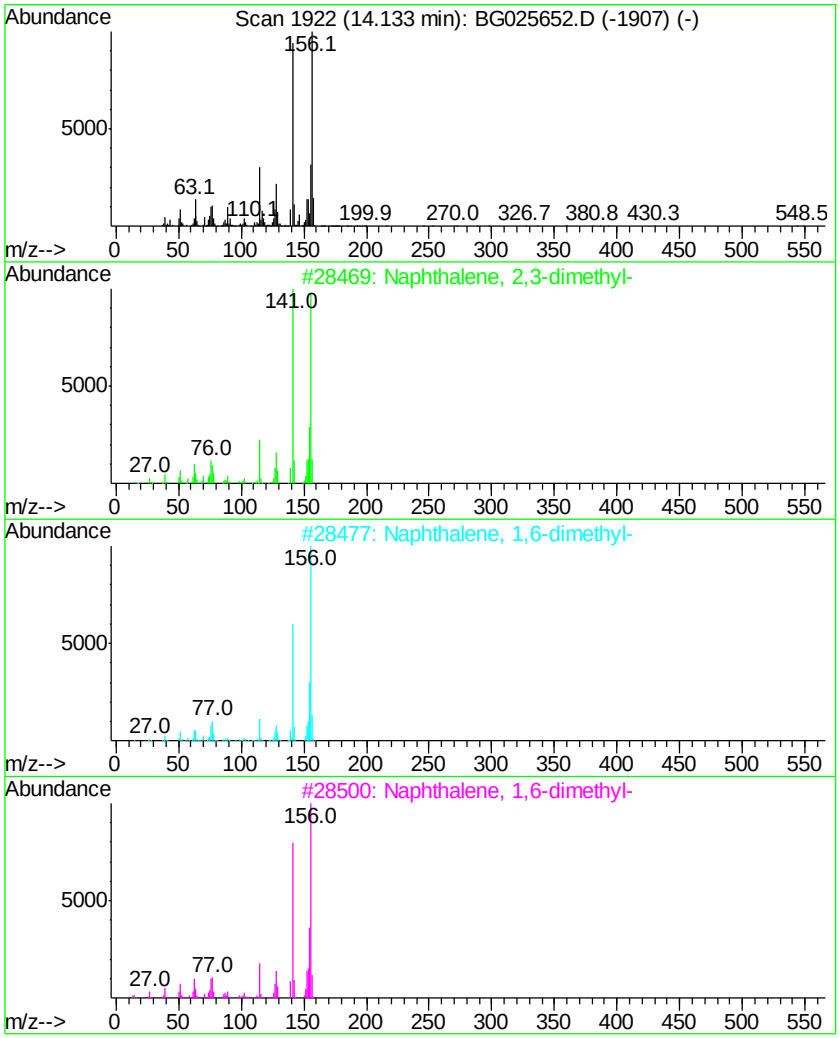
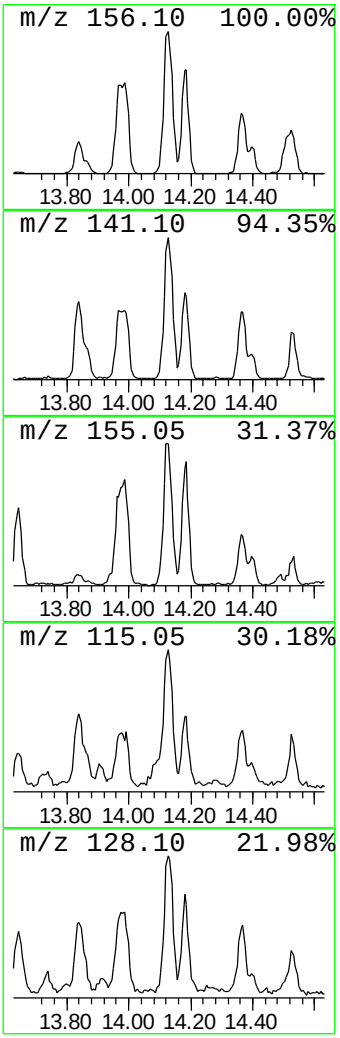
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	66.28 ng/ul	4096820	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Misc :
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Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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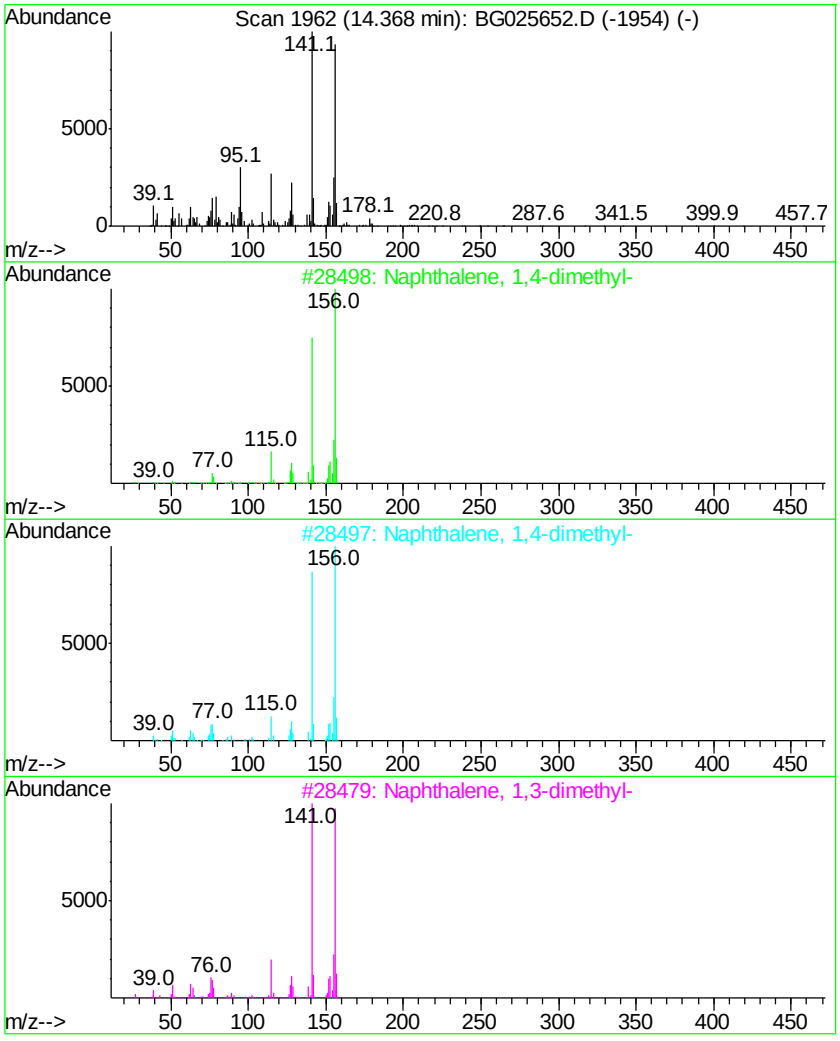
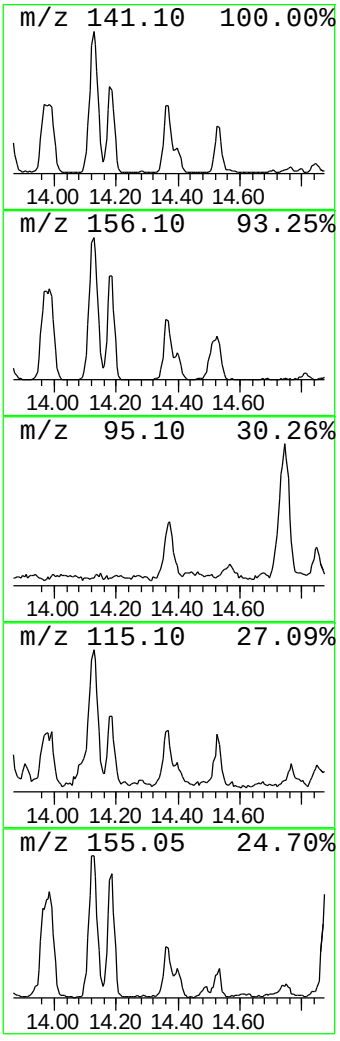
Peak Number 21 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	35.69 ng/ul	2205860	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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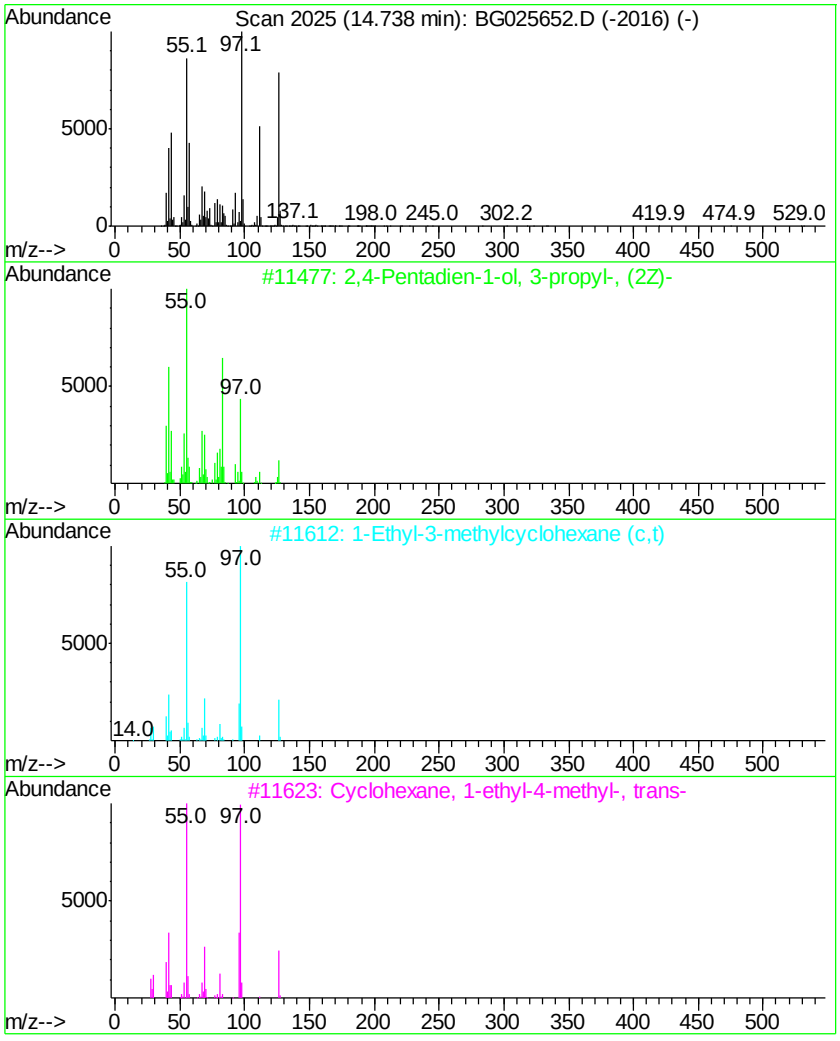
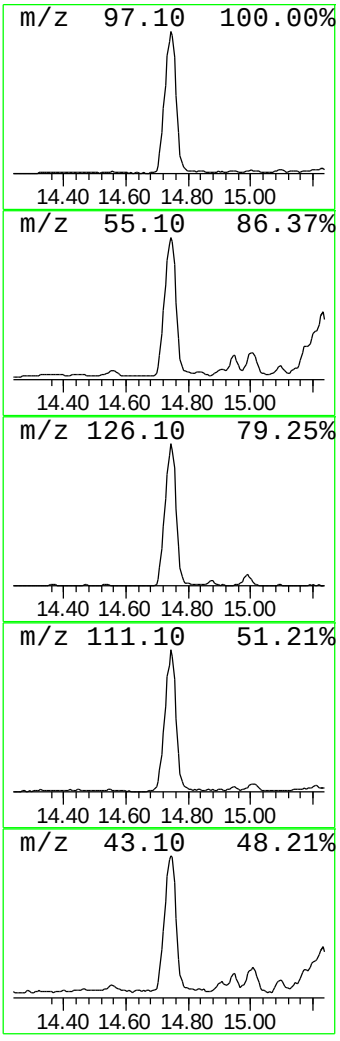
Peak Number 22 2,4-Pentadien-1-ol, 3-propy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	360.84 ng/ul	22302400	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	64
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	62
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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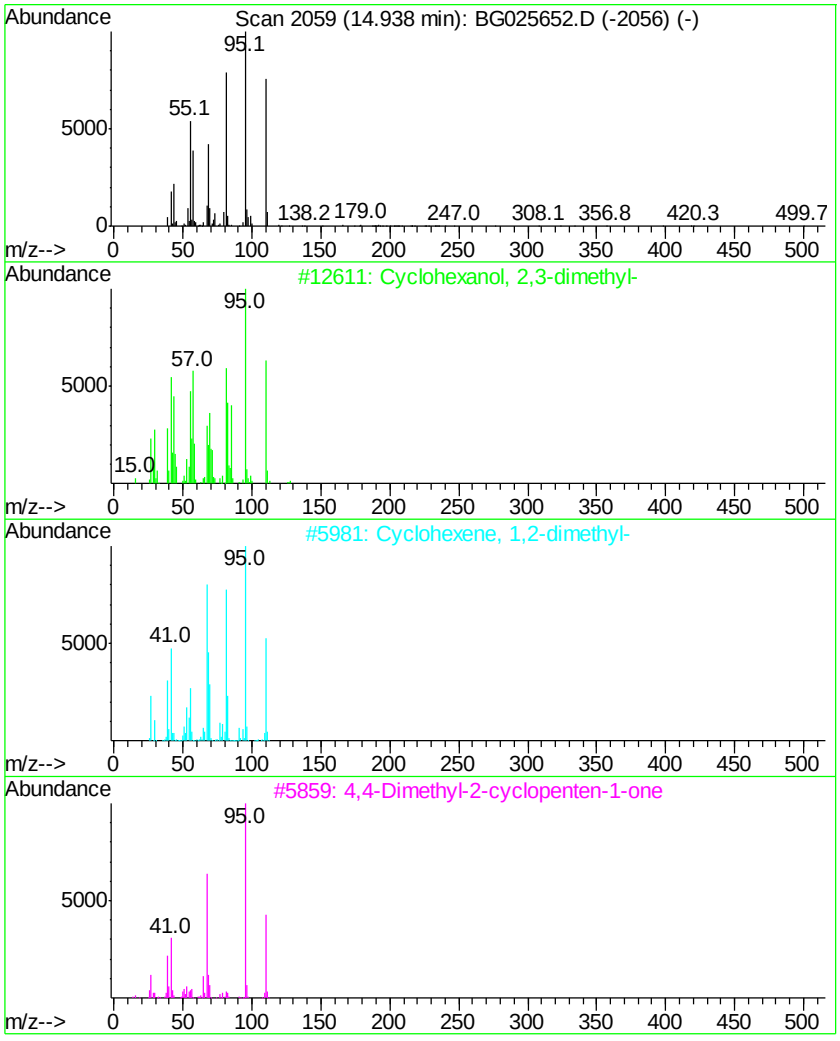
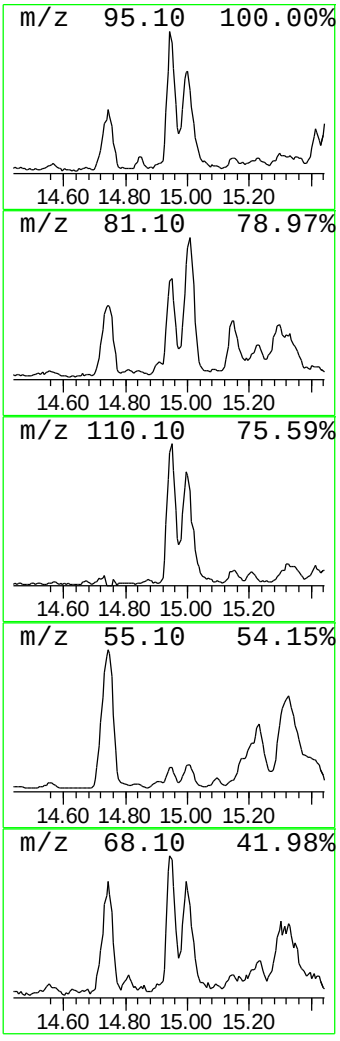
Peak Number 23 Cyclohexanol, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	43.00 ng/ul	2657500	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	64
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	64
3	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	53
4	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	45
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	45





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ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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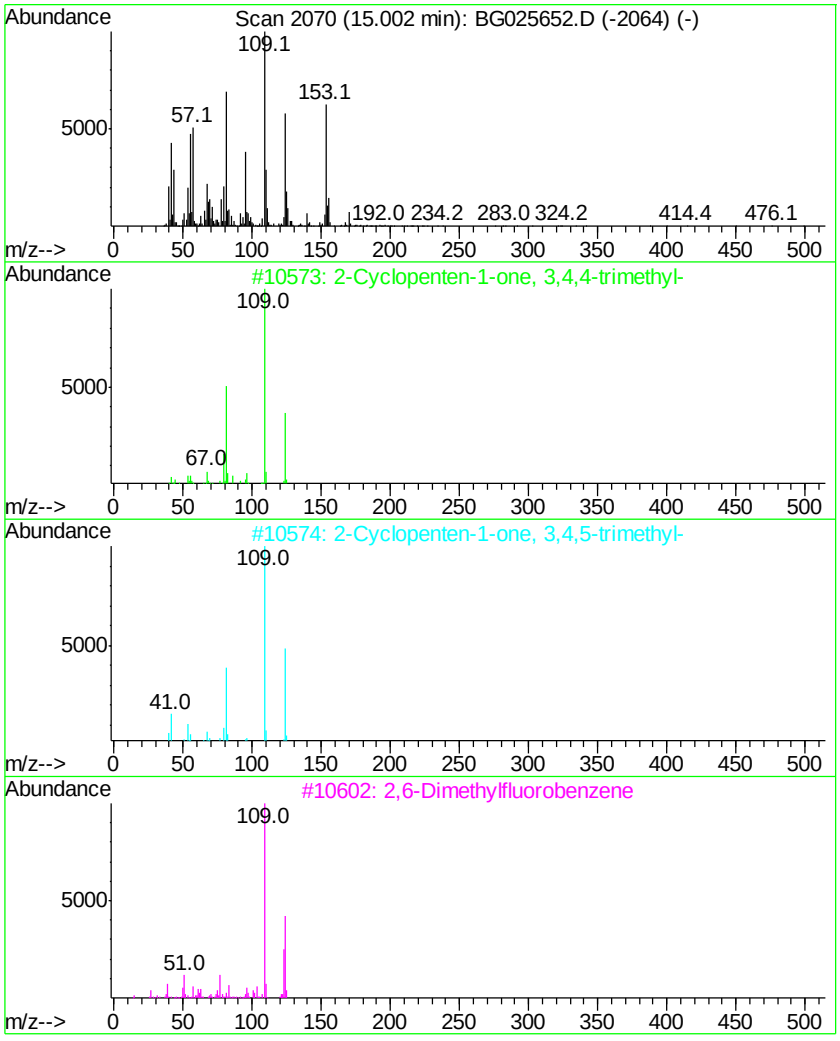
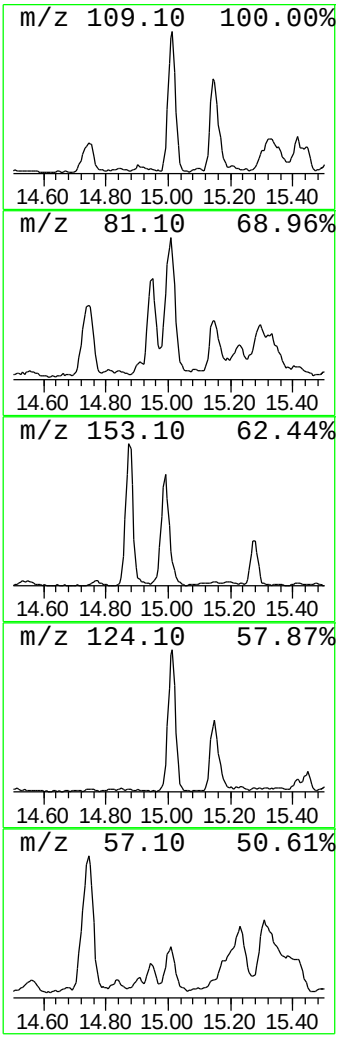
Peak Number 24 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	111.61 ng/ul	6898090	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	43
2	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	43
3	2,6-Dimethylfluorobenzene	124	C8H9F	000443-88-9	43
4	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	43
5	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	43





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Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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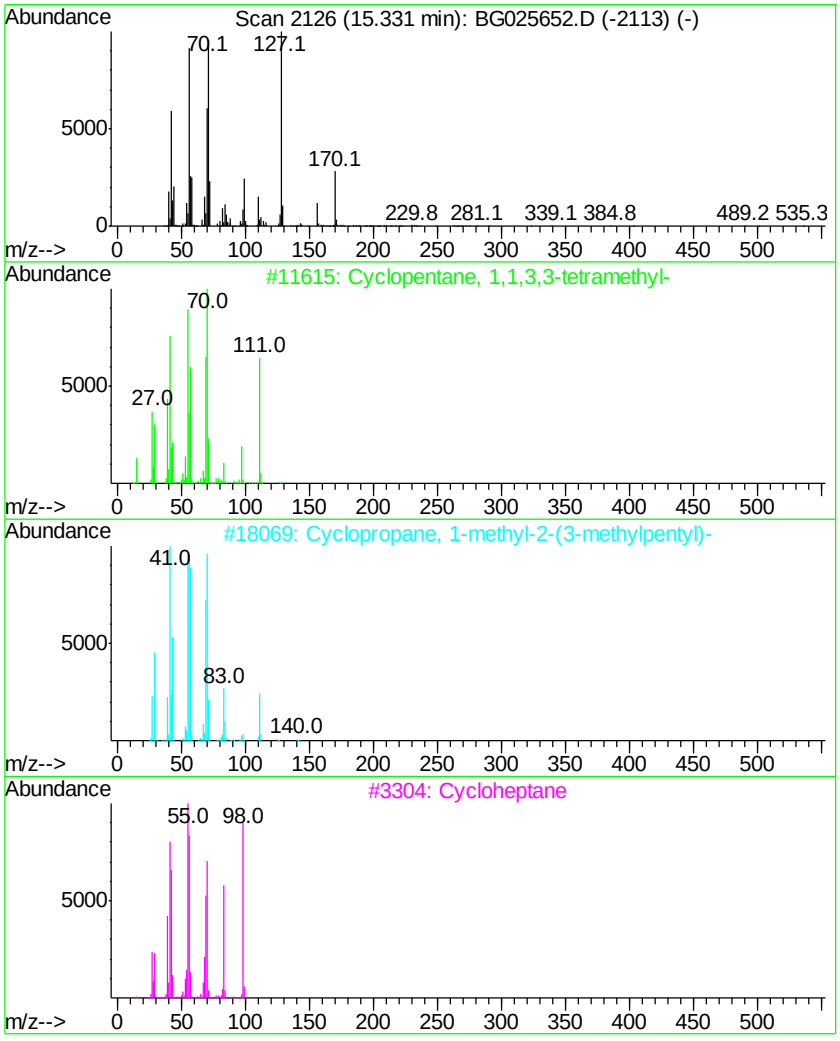
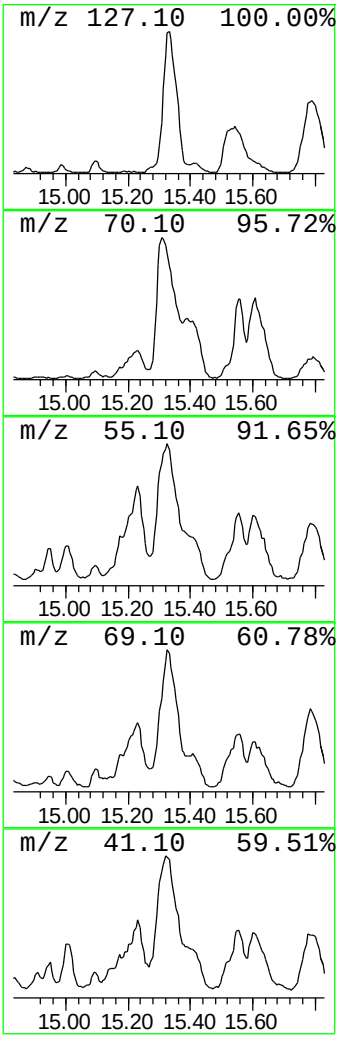
Peak Number 25 (DEL) Alkane: Cyclic15.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	407.85 ng/ul	25208400	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	35
2	Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	27
3	Cycloheptane	98	C7H14	000291-64-5	27
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	27
5	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	27





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Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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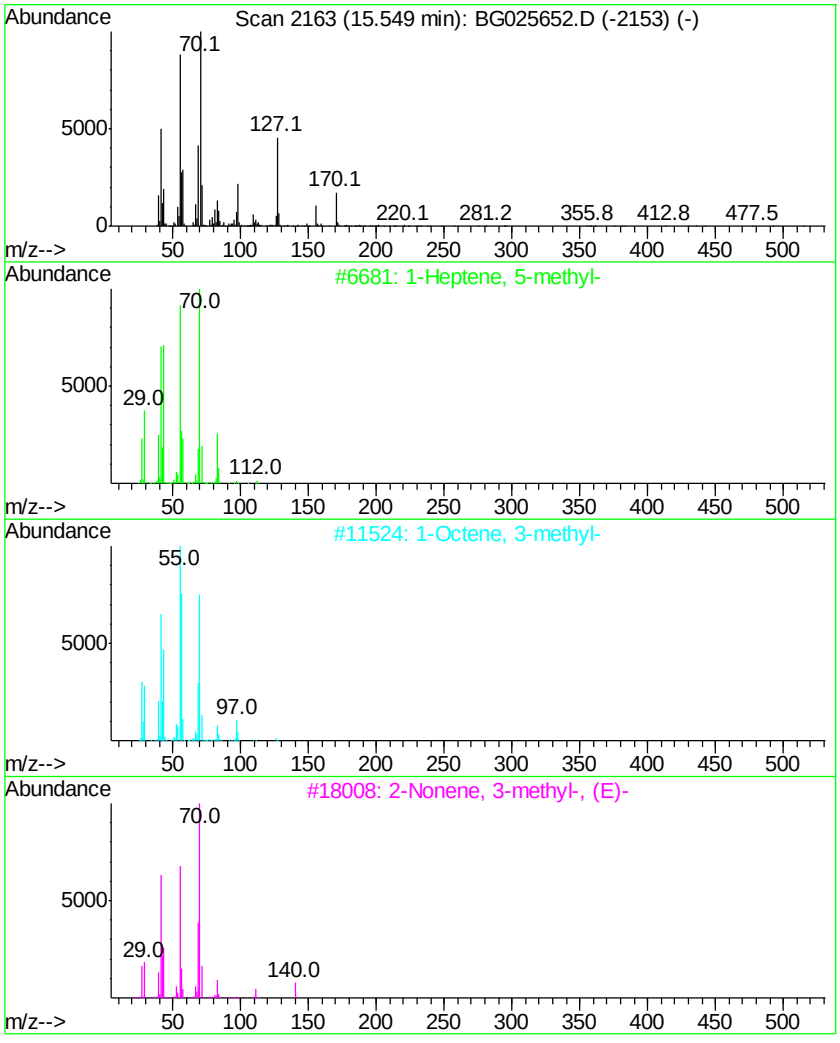
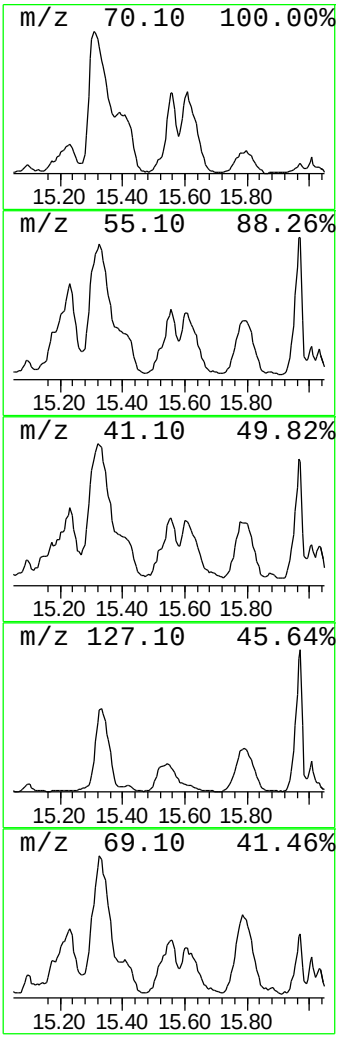
Peak Number 26 (DEL) Alkane: Cyclic15.55 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	102.42 ng/ul	6330230	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	52
2	1-Octene, 3-methyl-	126	C9H18	013151-08-1	47
3	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	47
4	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	43
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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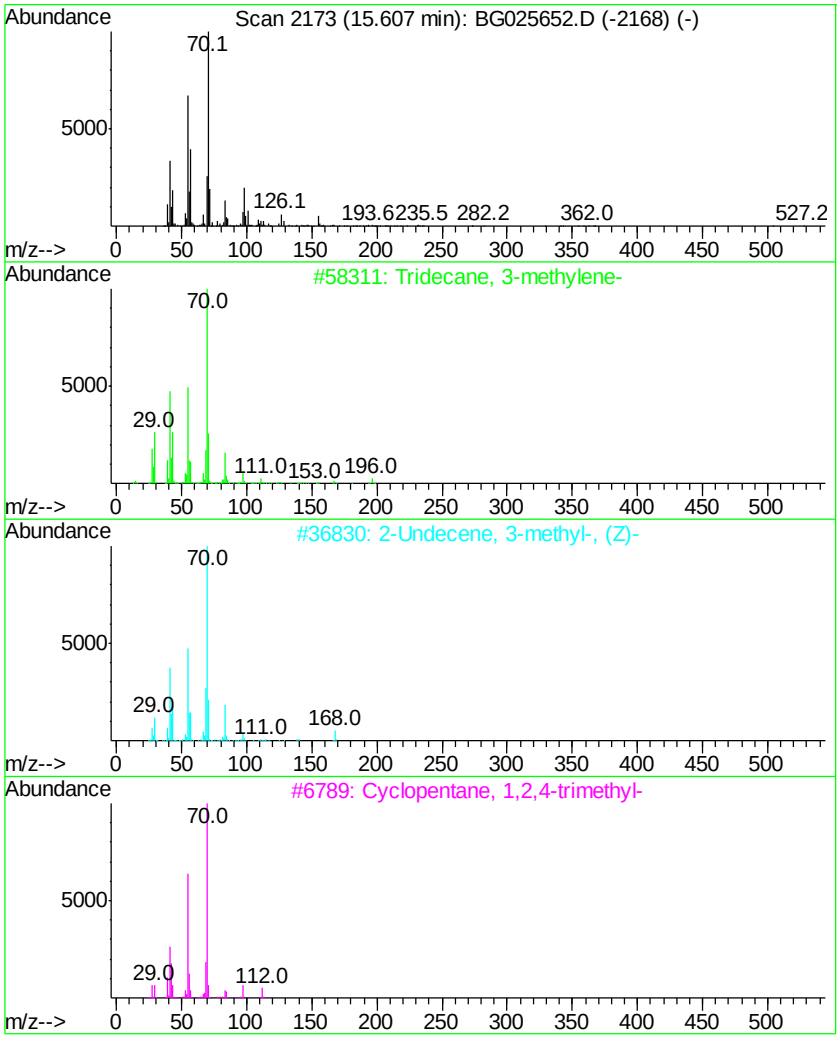
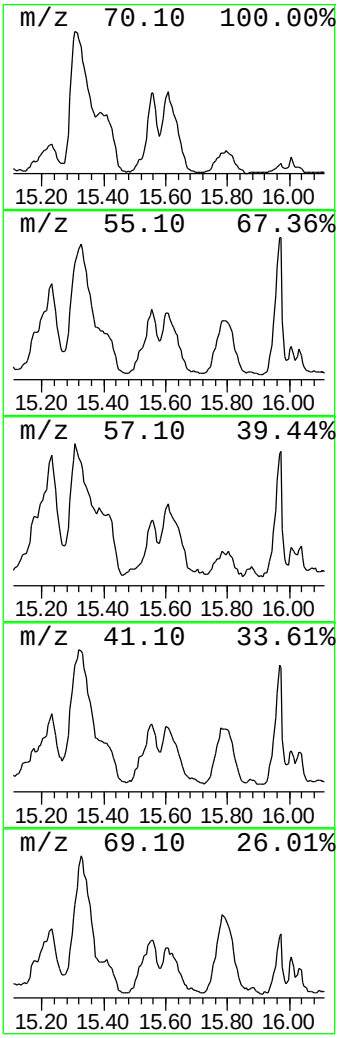
Peak Number 27 (DEL) Alkane: Cyclic15.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	95.46 ng/ul	5899880	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	50
2	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	50
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	47
4	Menthylamine	155	C10H21N	020706-69-8	47
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	47





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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 28 Phenol, 2,3,6-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	4033.86 ng/ul	249324000	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	95
2	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	81
3	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	60
4	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	53
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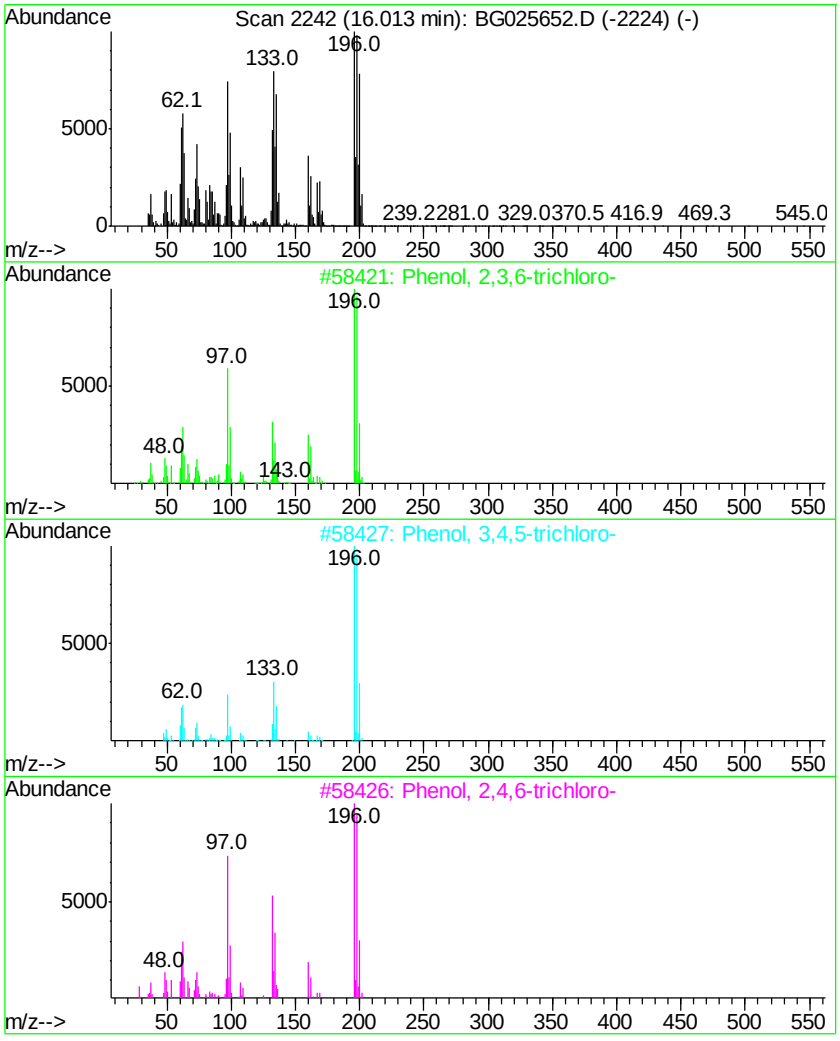

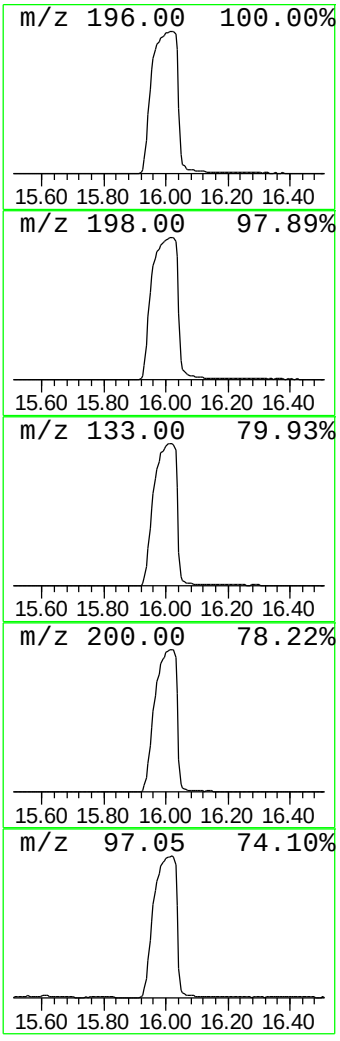

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Instrument : BNA_G
ClientSampleId : DA9Q7

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Quant Title : SVOA CALIBRATION

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

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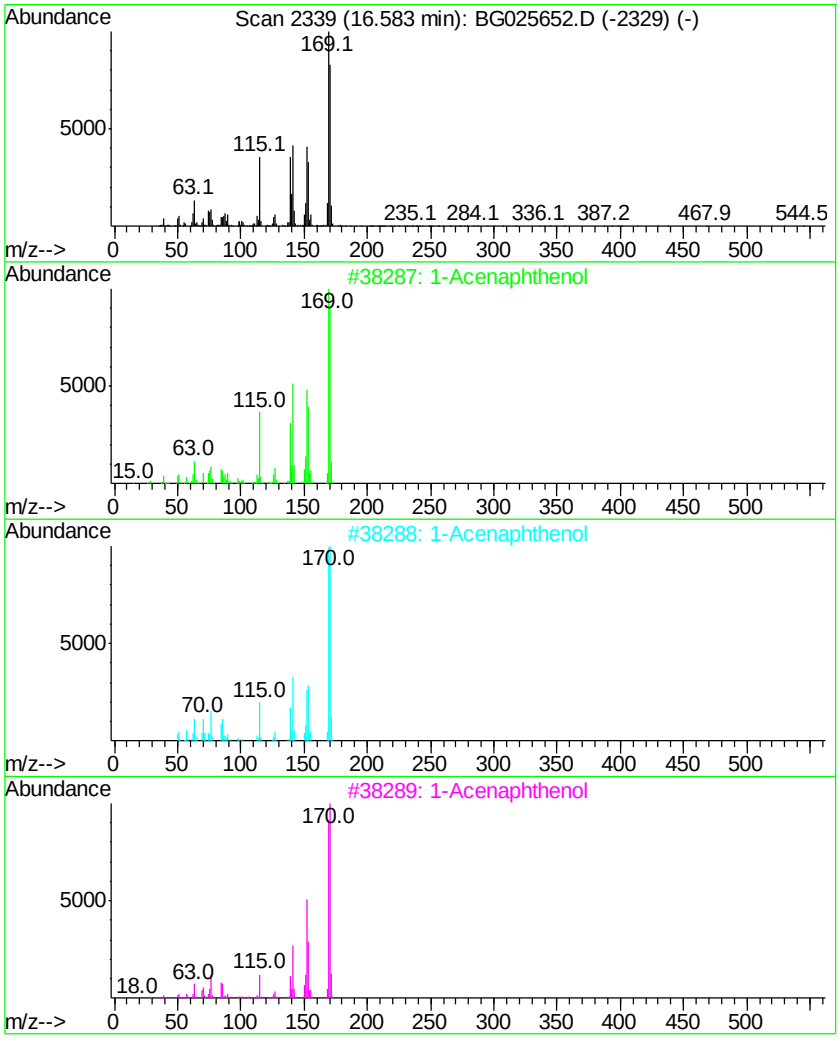
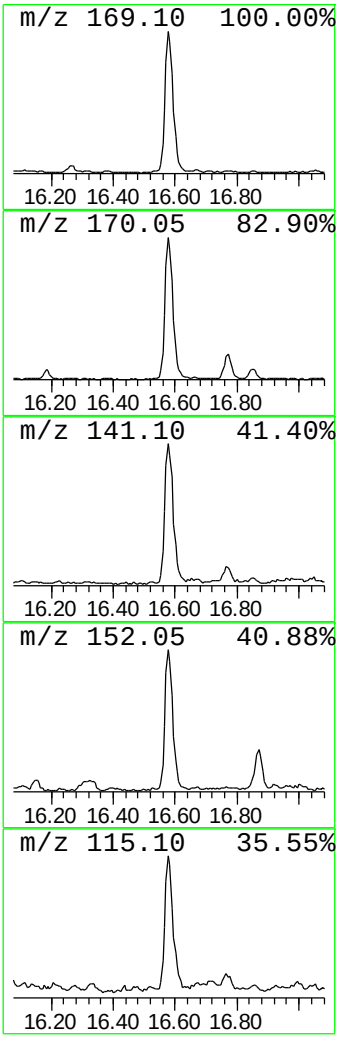
Peak Number 29 1-Acenaphthenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	45.22 ng/ul	4781330	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	98
2	1-Acenaphthenol	170	C12H10O	006306-07-6	94
3	1-Acenaphthenol	170	C12H10O	006306-07-6	90
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	78
5	1H-Inden-1-ol, 4,7-difluoro-2,3-...	170	C9H8F2O	130408-17-2	74





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Quant Title : SVOA CALIBRATION

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

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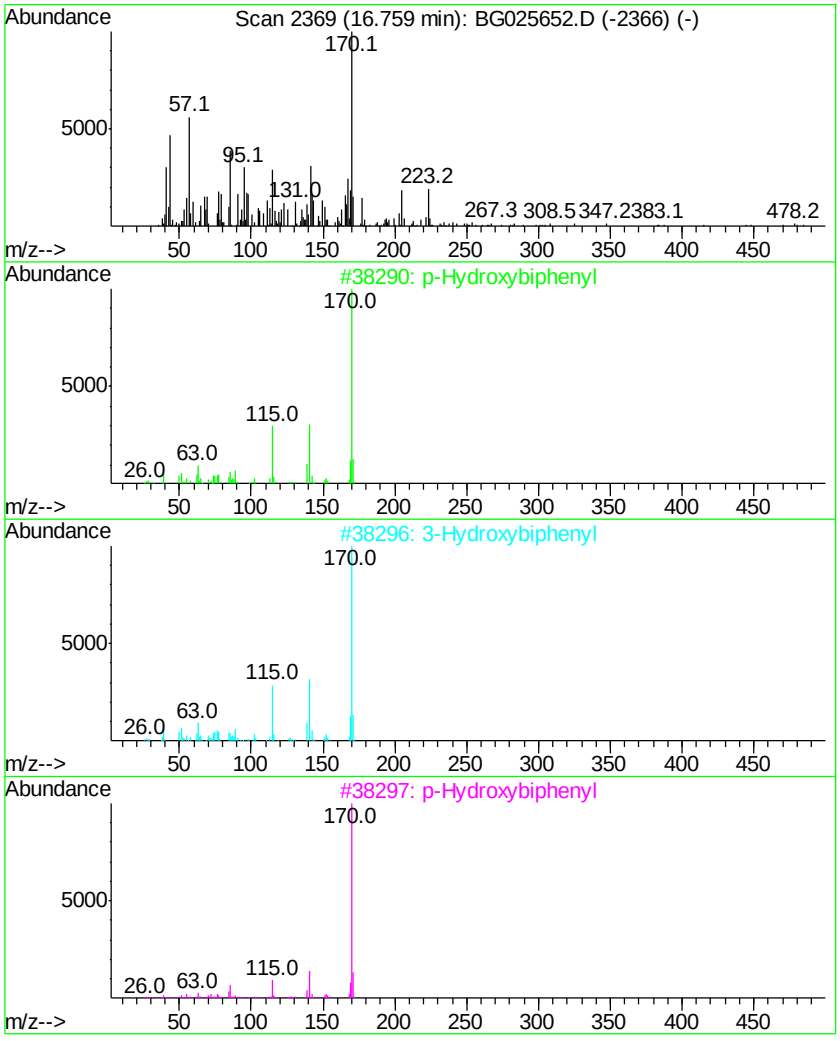
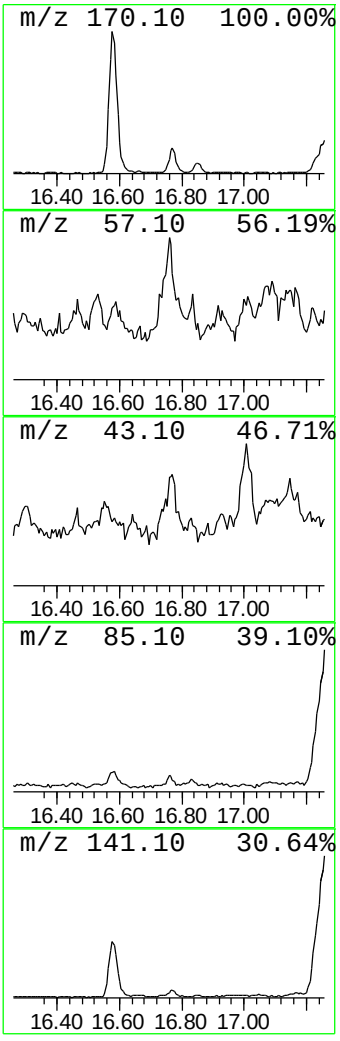
Peak Number 30 p-Hydroxybiphenyl Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	8.90 ng/ul	940956	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	64
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	59
4	Fumaric acid, 4-phenylphenyl pro...	310	C19H18O4	1000348-20-7	53
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

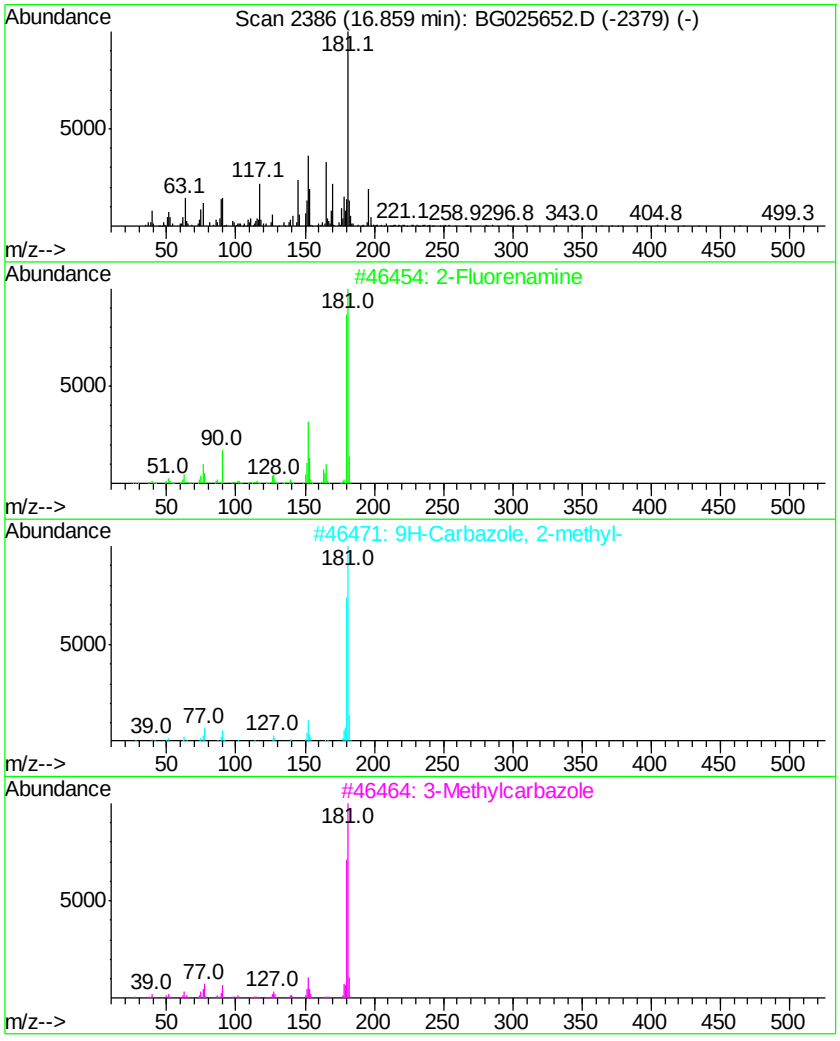
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

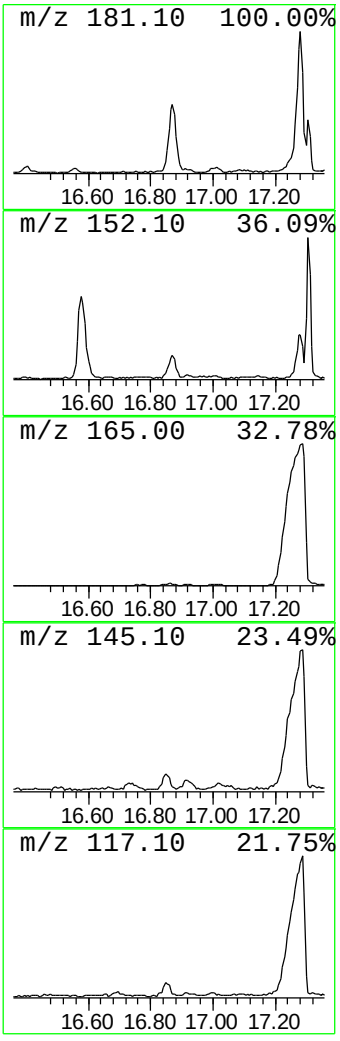
****

Peak Number 31 2-Fluorenamine Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	9.40 ng/ul	993791	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorenamine	181	C13H11N	000153-78-6	68
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	64
3	3-Methylcarbazole	181	C13H11N	004630-20-0	59
4	2-Fluorenamine	181	C13H11N	000153-78-6	59
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025652.D
Acq On : 26 Jan 2017 3:33
Operator : SJ/MA
Sample : I1387-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
4-Heptanone, 2,6-...	7.29	2.3	ng/ul	3844850	1	8.17	33268700	20.0
2-Heptanone, 4,6-...	7.58	6.0	ng/ul	9925550	1	8.17	33268700	20.0
1-Hexanol, 2-ethyl-	8.25	20.0	ng/ul	33268700	1	8.17	33268700	20.0
Hexanoic acid, 2-...	9.62	3.5	ng/ul	7434270	2	11.01	42287700	20.0
(DEL) Alkane: Cyc...	9.78	3.6	ng/ul	7600970	2	11.01	42287700	20.0
unknown-01	10.53	2.0	ng/ul	4343630	2	11.01	42287700	20.0
unknown-02	11.27	3.3	ng/ul	7022170	2	11.01	42287700	20.0
unknown-03	11.34	2.7	ng/ul	5672580	2	11.01	42287700	20.0
unknown-04	11.48	2.2	ng/ul	4670920	2	11.01	42287700	20.0
(DEL) Alkane: Cyc...	11.85	4.4	ng/ul	9388860	2	11.01	42287700	20.0
unknown-05	11.89	2.5	ng/ul	5226000	2	11.01	42287700	20.0
Naphthalene, 1-me...	12.87	4.3	ng/ul	9068700	2	11.01	42287700	20.0
Cyclohexane, 1,1'...	13.18	22.1	ng/ul	1364710	3	14.81	1236160	20.0
unknown-06	13.42	14.6	ng/ul	900198	3	14.81	1236160	20.0
Phenol, 3,5-dichl...	13.54	130.2	ng/ul	8044510	3	14.81	1236160	20.0
Phenol, 3,4-dichl...	13.84	139.7	ng/ul	8636830	3	14.81	1236160	20.0
Naphthalene, 1,6-...	13.99	43.8	ng/ul	2704180	3	14.81	1236160	20.0
Naphthalene, 2,3-...	14.13	66.3	ng/ul	4096820	3	14.81	1236160	20.0
Naphthalene, 1,4-...	14.37	35.7	ng/ul	2205860	3	14.81	1236160	20.0
2,4-Pentadien-1-o...	14.74	360.8	ng/ul	22302400	3	14.81	1236160	20.0
Cyclohexanol, 2,3...	14.94	43.0	ng/ul	2657500	3	14.81	1236160	20.0
unknown-07	15.00	111.6	ng/ul	6898090	3	14.81	1236160	20.0
(DEL) Alkane: Cyc...	15.33	407.9	ng/ul	25208400	3	14.81	1236160	20.0
(DEL) Alkane: Cyc...	15.55	102.4	ng/ul	6330230	3	14.81	1236160	20.0
(DEL) Alkane: Cyc...	15.61	95.5	ng/ul	5899880	3	14.81	1236160	20.0
Phenol, 2,3,6-tri...	16.01	4033.9	ng/ul	249324000	3	14.81	1236160	20.0
1-Acenaphthenol	16.58	45.2	ng/ul	4781330	4	17.58	2114850	20.0
p-Hydroxybiphenyl	16.76	8.9	ng/ul	940956	4	17.58	2114850	20.0
2-Fluorenamine	16.86	9.4	ng/ul	993791	4	17.58	2114850	20.0