LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.150	5	10	14	rBV2	43238	76185	2.13%	0.207%
2	3.444	55	60	70	rVB	33418	58439	1.64%	0.159%
3	3.825	107	125	133	rBV3	44404	205097	5.75%	0.558%
4	4.542	173	247	251	rBV2	325627	3568683	100.00%	9.713%
5	5.177	341	355	359	rBV	116381	295841	8.29%	0.805%
6	5.283	359	373	381	rVB	163027	572441	16.04%	1.558%
7	5.400	381	393	403	rVB2	114112	340811	9.55%	0.928%
8	5.518	406	413	419	rBV2	40782	79858	2.24%	0.217%
9	5.588	419	425	431	rVB	132599	231891	6.50%	0.631%
10	5.788	431	459	462	rBV2	123768	680084	19.06%	1.851%
11	6.117	508	515	528	rVB	131380	278645	7.81%	0.758%
12	6.417	553	566	575	rBV	413864	788446	22.09%	2.146%
13	7.210	674	701	703	rBV2	220584	850054	23.82%	2.314%
14	7.562	758	761	767	rBV2	213391	372287	10.43%	1.013%
15	7.650	774	776	778	rBV	121966	125006	3.50%	0.340%
16	8.050	831	844	848	rBV2	191082	562617	15.77%	1.531%
17	8.291	873	885	890	rBV3	323519	708779	19.86%	1.929%
18	8.350	890	895	903	rVB	298530	542219	15.19%	1.476%
19	8.485	911	918	927	rBV4	100942	225922	6.33%	0.615%
20	8.814	961	974	980	rBV3	349245	1072071	30.04%	2.918%
21	9.207	1034	1041	1048	rVV	177226	320976	8.99%	0.874%
22	9.595	1076	1107	1116	rBV3	371330	2306707	64.64%	6.278%
23	9.695	1120	1124	1137	rVB2	61238	124592	3.49%	0.339%
24	9.801	1137	1142	1149	rBV2	44125	89527	2.51%	0.244%
25	9.912	1157	1161	1172	rVB9	21526	63750	1.79%	0.174%
26	10.018	1172	1179	1182	rBV	155237	283117	7.93%	0.771%
27	10.277	1215	1223	1224	rBV	220331	380530	10.66%	1.036%
28	10.294	1224	1226	1230	rVV	70742	140614	3.94%	0.383%
29	10.512	1262	1263	1265	rBV2	146443	127063	3.56%	0.346%
30	10.565	1270	1272	1273	rBV	124056	82668	2.32%	0.225%
31	10.641	1281	1285	1288	rBV3	483535	896024	25.11%	2.439%
32	10.811	1312	1314	1316	rVB	601235	437347	12.26%	1.190%
33	10.841	1316	1319	1325	rVB	150407	241209	6.76%	0.657%
34	10.900	1325	1329	1336	rVB	64036	115076	3.22%	0.313%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.982	1337	1343	1352	rBV3	133163	312468	8.76%	0.850%
36	11.088	1353	1361	1362	rBV3	206071	328581	9.21%	0.894%
37	11.187	1363	1378	1379	rBV3	886297	2429712	68.08%	6.613%
38	11.328	1398	1402	1408	rVB4	41954	75431	2.11%	0.205%
39	11.422	1411	1418	1425	rBV2	147405	366516	10.27%	0.998%
40	11.487	1425	1429	1435	rVB2	82973	147432	4.13%	0.401%
41	11.575	1436	1444	1447	rBV	101893	213826	5.99%	0.582%
42	11.610	1447	1450	1458	rVB	145732	265715	7.45%	0.723%
43	11.699	1458	1465	1473	rBV2	662020	1273190	35.68%	3.465%
44	11.781	1474	1479	1480	rBV2	92457	140938	3.95%	0.384%
45	11.951	1501	1508	1520	rBV2	148998	434530	12.18%	1.183%
46	12.086	1526	1531	1537	rBV	420411	726991	20.37%	1.979%
47	12.157	1537	1543	1548	rVB	171098	321694	9.01%	0.876%
48	12.245	1555	1558	1568	rVB7	54904	118192	3.31%	0.322%
49	12.327	1568	1572	1577	rBV4	47023	94683	2.65%	0.258%
50	12.392	1579	1583	1587	rVV4	39678	69980	1.96%	0.190%
51	12.451	1588	1593	1597	rVV3	136338	187555	5.26%	0.510%
52	12.498	1597	1601	1606	rBV3	42985	68228	1.91%	0.186%
53	12.621	1617	1622	1634	rVV3	355052	698869	19.58%	1.902%
54	12.727	1634	1640	1645	rVV3	95062	168408	4.72%	0.458%
55	12.833	1653	1658	1661	rBV3	80978	143111	4.01%	0.390%
56	12.874	1661	1665	1667	rVV	123191	203783	5.71%	0.555%
57	12.909	1667	1671	1682	rVB2	322404	600402	16.82%	1.634%
58	13.003	1682	1687	1688	rBV2	72448	103382	2.90%	0.281%
59	13.032	1688	1692	1699	rVB4	108361	219964	6.16%	0.599%
60	13.120	1699	1707	1714	rVB	317896	542247	15.19%	1.476%
61	13.203	1715	1721	1726	rBV	55485	102364	2.87%	0.279%
62	13.291	1729	1736	1742	rVB	574838	954996	26.76%	2.599%
63	13.426	1750	1759	1762	rBV6	43824	104057	2.92%	0.283%
64	13.479	1762	1768	1774	rVV2	150046	294864	8.26%	0.803%
65	13.614	1785	1791	1798	rBV4	64879	125714	3.52%	0.342%
66	13.726	1806	1810	1814	rBV4	38952	67327	1.89%	0.183%
67	13.826	1821	1827	1832	rBV4	107909	263572	7.39%	0.717%
68	13.873	1832	1835	1839	rVV2	74565	109716	3.07%	0.299%
69	14.119	1870	1877	1881	rBV4	74219	183868	5.15%	0.500%
70	14.166	1881	1885	1889	rVV5	60732	102044	2.86%	0.278%
71	14.237	1893	1897	1901	rVV2	76199	113369	3.18%	0.309%

LSC Area Percent Report

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Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.290	1901	1906	1910	rVV2	95431	153512	4.30%	0.418%
73	14.343	1910	1915	1922	rVV3	79017	239779	6.72%	0.653%
74	14.401	1922	1925	1931	rVB4	83313	162760	4.56%	0.443%
75	14.472	1933	1937	1941	rBV5	36177	66994	1.88%	0.182%
76	14.513	1941	1944	1948	rVB2	74654	97018	2.72%	0.264%
77	14.672	1966	1971	1977	rVB3	199539	341106	9.56%	0.928%
78	14.789	1986	1991	2000	rBV6	41433	119484	3.35%	0.325%
79	14.948	2014	2018	2023	rBV5	32978	65137	1.83%	0.177%
80	15.030	2028	2032	2037	rVB	82690	136232	3.82%	0.371%
81	15.089	2037	2042	2047	rBV6	47902	82661	2.32%	0.225%
82	15.435	2096	2101	2105	rVV3	95921	186182	5.22%	0.507%
83	15.482	2105	2109	2114	rVB4	86243	129384	3.63%	0.352%
84	15.606	2126	2130	2134	rBV3	41268	79463	2.23%	0.216%
85	15.688	2141	2144	2150	rVB2	76134	115672	3.24%	0.315%
86	16.164	2219	2225	2234	rVB	430508	670994	18.80%	1.826%
87	16.699	2306	2316	2321	rBV	215194	528644	14.81%	1.439%
88	16.757	2322	2326	2329	rBV5	34973	61574	1.73%	0.168%
89	17.039	2370	2374	2381	rBV3	35857	64004	1.79%	0.174%
90	17.415	2433	2438	2450	rVB	233660	365924	10.25%	0.996%
91	18.156	2560	2564	2572	rBV7	33475	61071	1.71%	0.166%
92	18.279	2581	2585	2595	rBV4	134374	228876	6.41%	0.623%
93	18.497	2619	2622	2630	rVB4	38886	76533	2.14%	0.208%
94	20.018	2876	2881	2889	rVB	934950	1226309	34.36%	3.338%
95	21.287	3094	3097	3107	rVB	115357	180007	5.04%	0.490%
96	21.693	3160	3166	3172	rVB2	267263	445215	12.48%	1.212%
97	23.250	3426	3431	3436	rBV3	31488	62305	1.75%	0.170%
98	23.320	3436	3443	3452	rVB	173844	354135	9.92%	0.964%
99	23.931	3539	3547	3553	rVB3	26979	58273	1.63%	0.159%
100	24.965	3714	3723	3738	rVB	150329	460007	12.89%	1.252%

Sum of corrected areas: 36741550

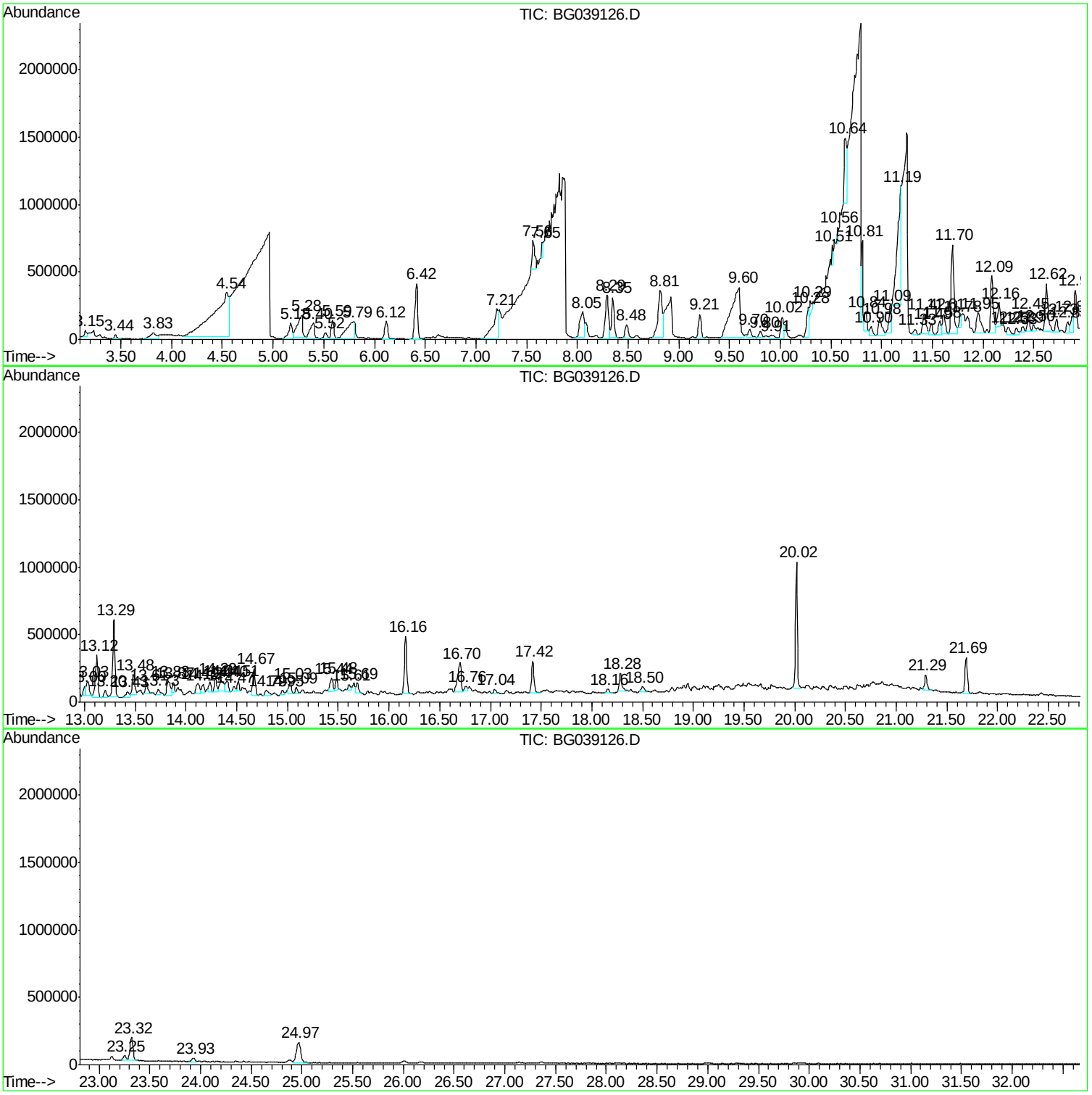
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

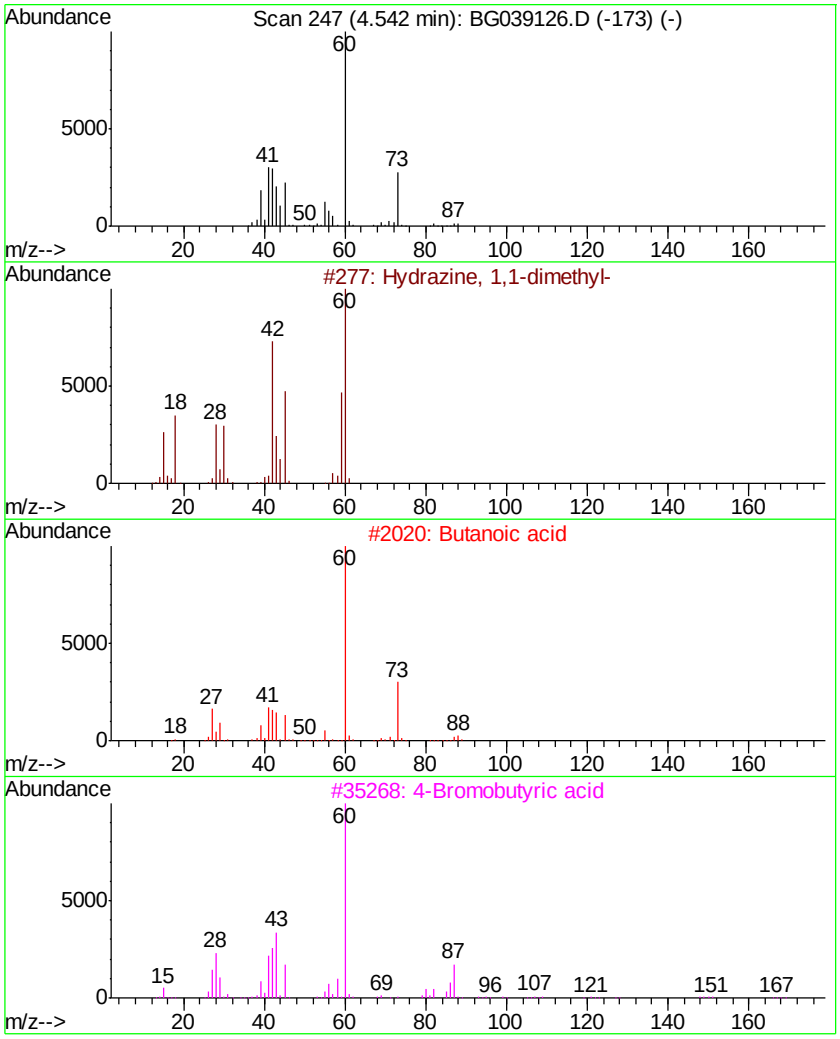
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

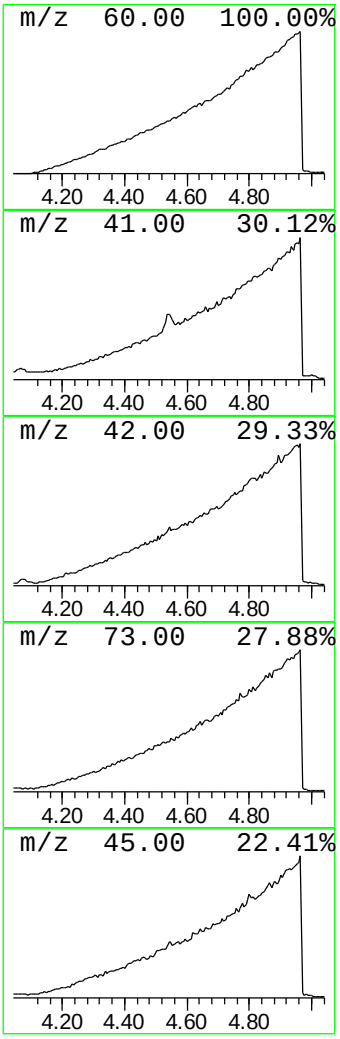
****

Peak Number 1 Hydrazine, 1,1-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	126.86 ng	3568680	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	53
2	Butanoic acid	88	C4H8O2	000107-92-6	45
3	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	38
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	36
5	dl-Serine	105	C3H7NO3	000302-84-1	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

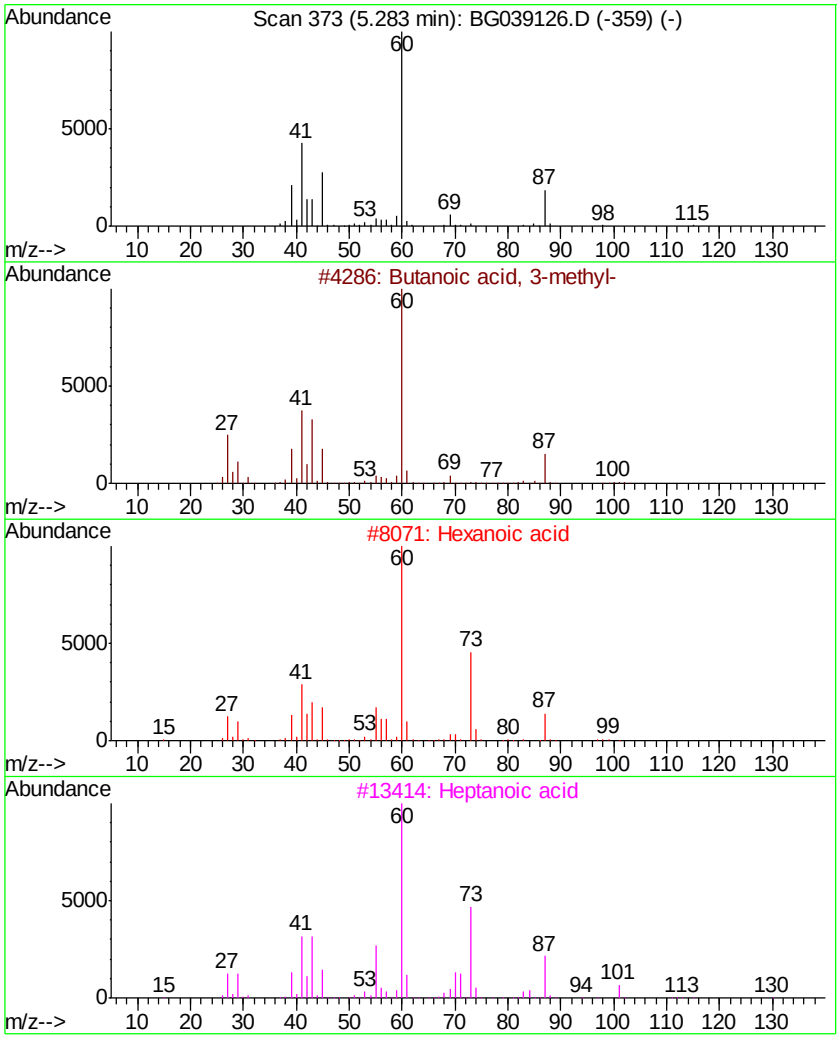
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

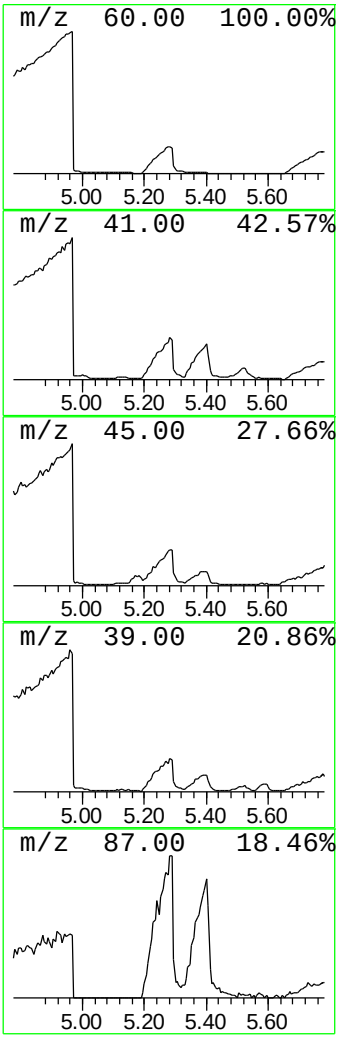
****

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	20.35 ng	572441	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	39
3	Heptanoic acid	130	C7H14O2	000111-14-8	39
4	Butanoic acid	88	C4H8O2	000107-92-6	36
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9





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Operator : JU/SJ
Sample : K1127-02
Misc :
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Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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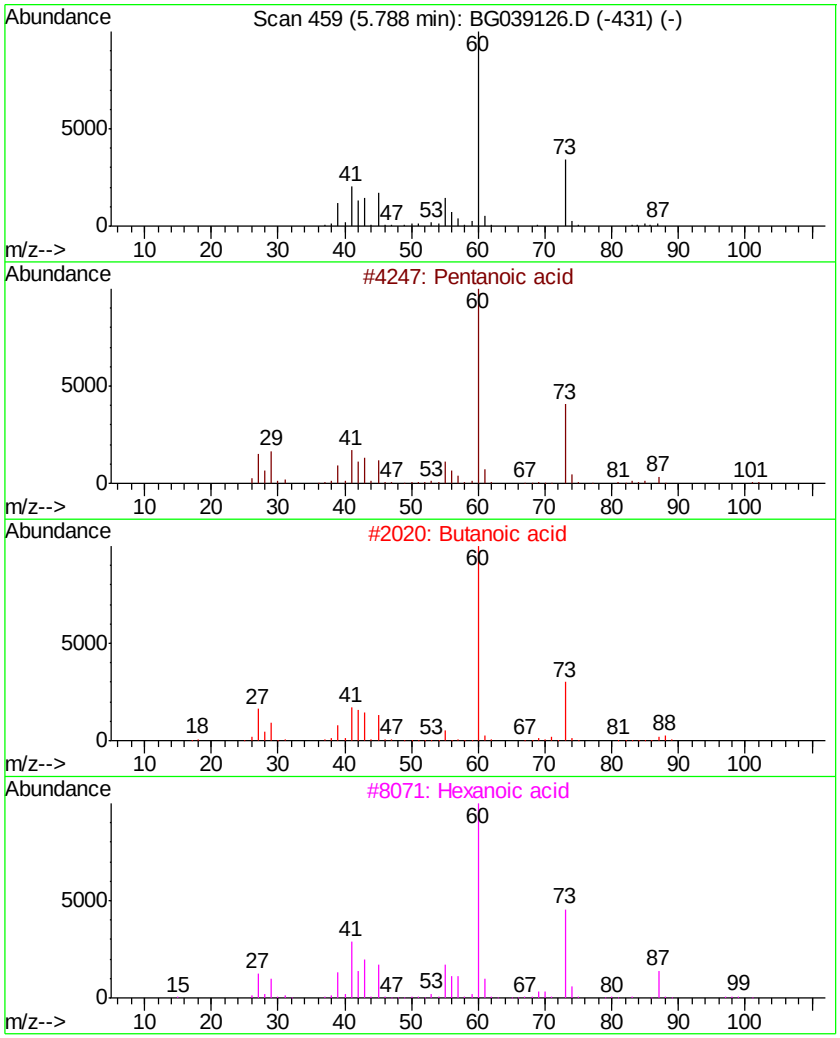
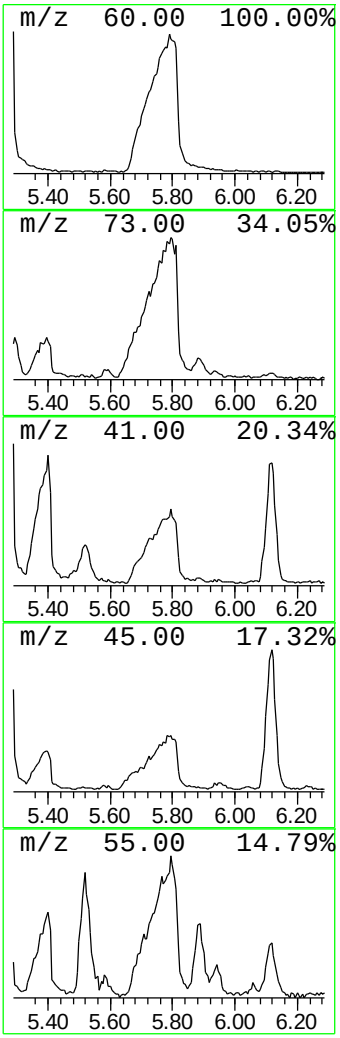
****

Peak Number 3 Pentanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	24.18 ng	680084	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Butanoic acid	88	C4H8O2	000107-92-6	72
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	45
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	42





Library Search Compound Report

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Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

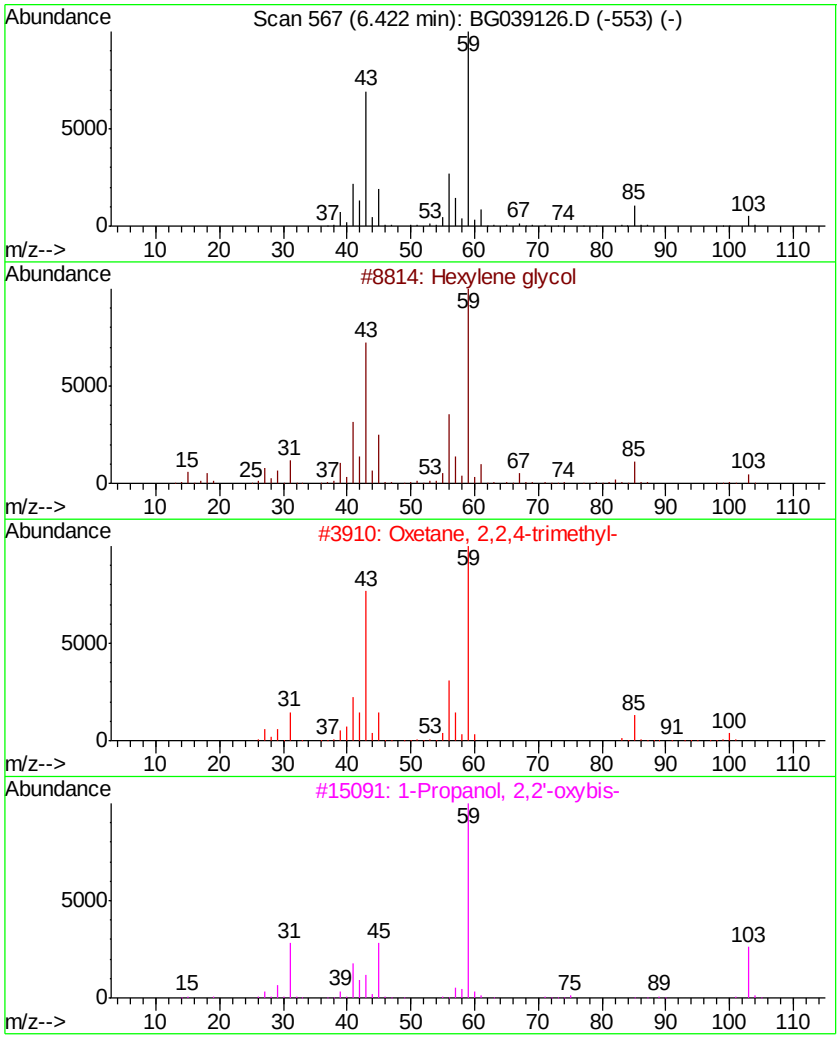
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

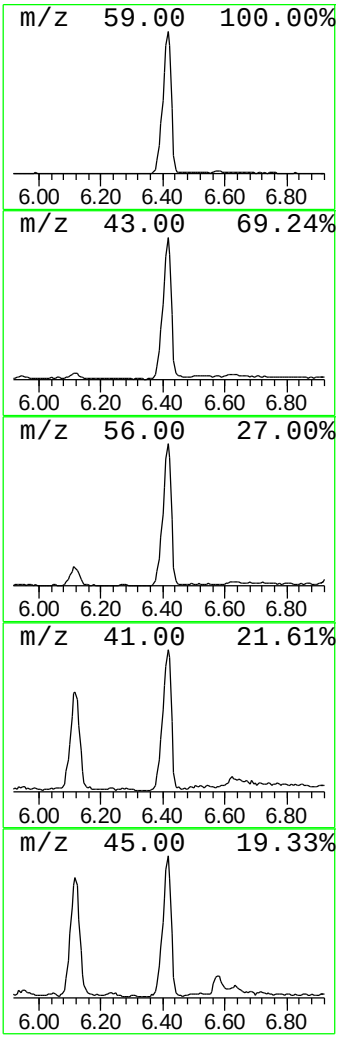
****

Peak Number 4 Hexylene glycol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	28.03 ng	788446	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	90
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
5	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

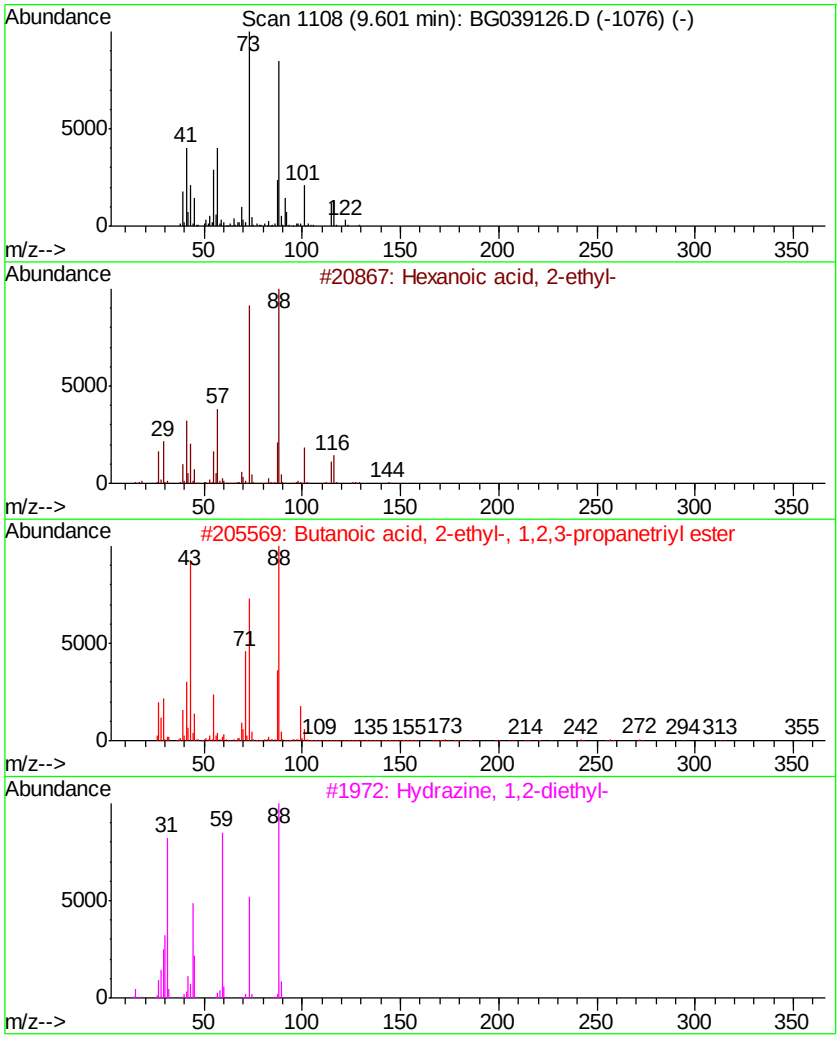
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

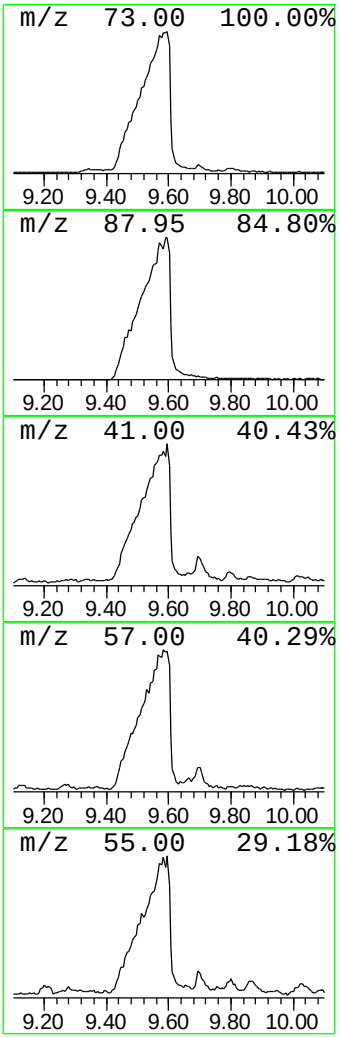
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	191.26 ng	2306710	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	43
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	38





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Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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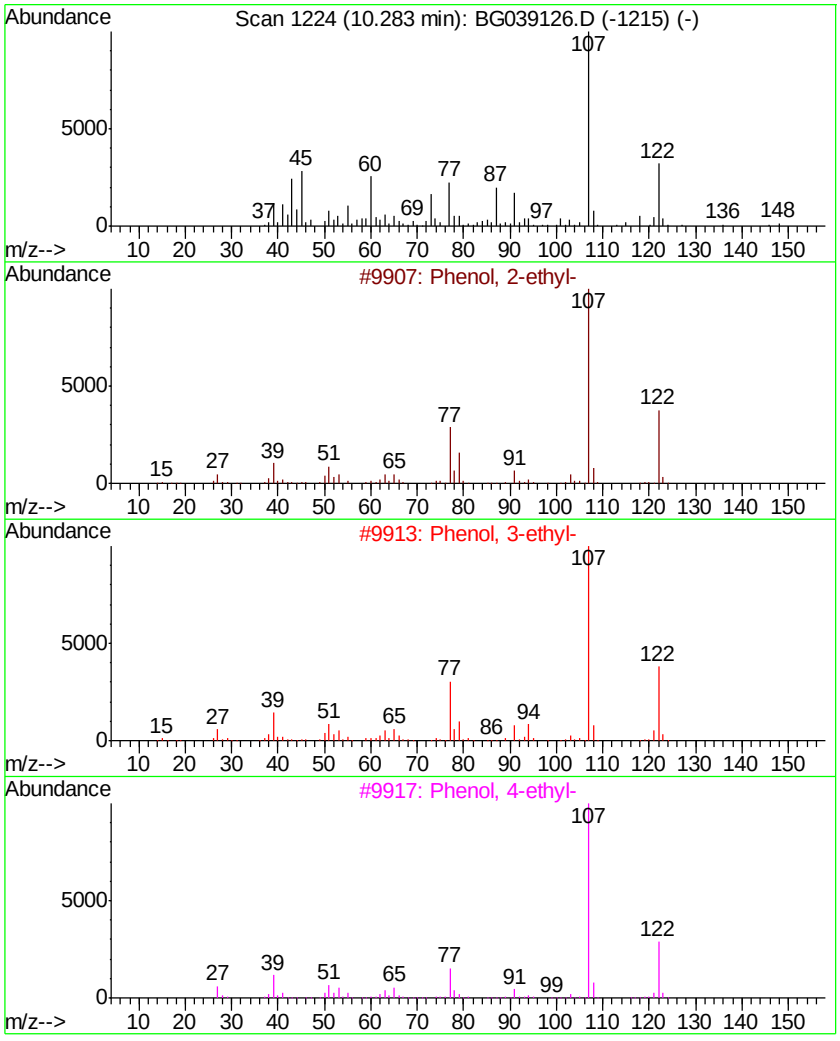
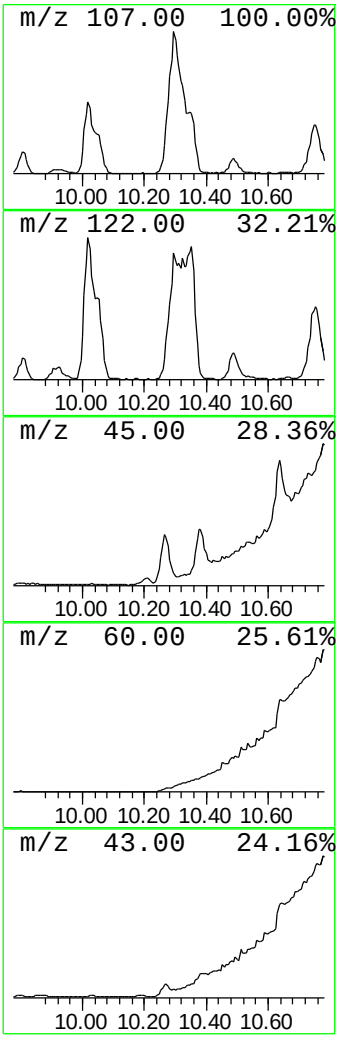
Peak Number 6 unknown10.28 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	31.55 ng	380530	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	46
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	46
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	41
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	38
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	38





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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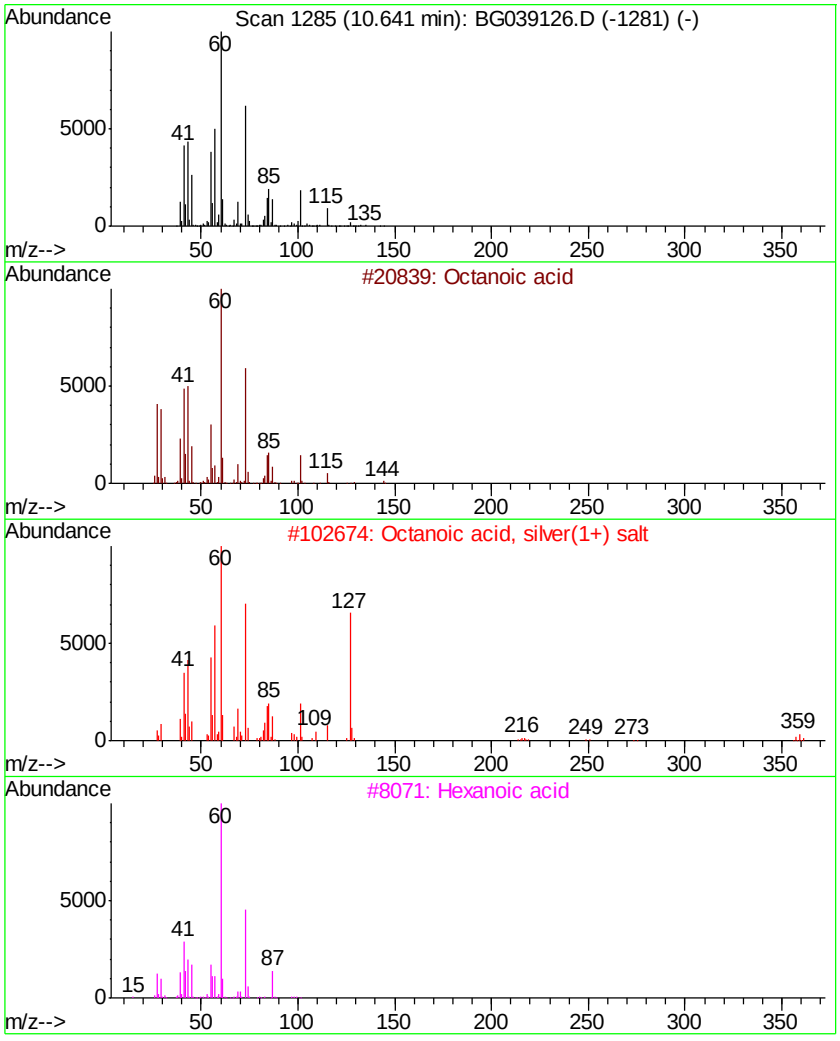
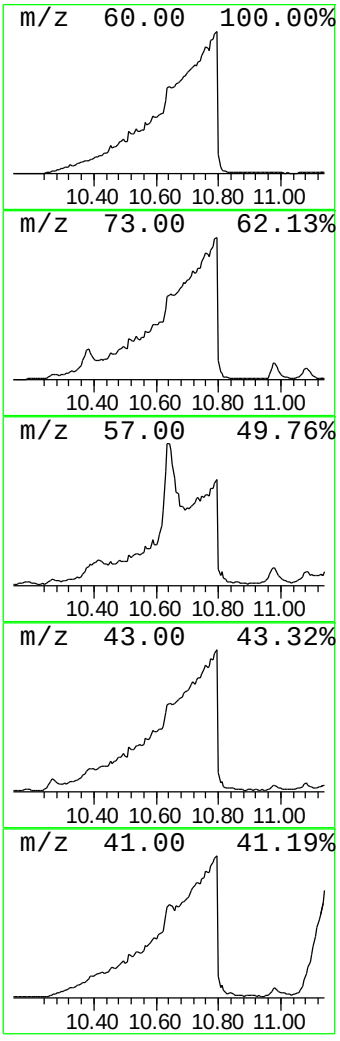
Peak Number 7 Octanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	74.29 ng	896024	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	83
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	80
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47
5	Nonanoic acid	158	C9H18O2	000112-05-0	40





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Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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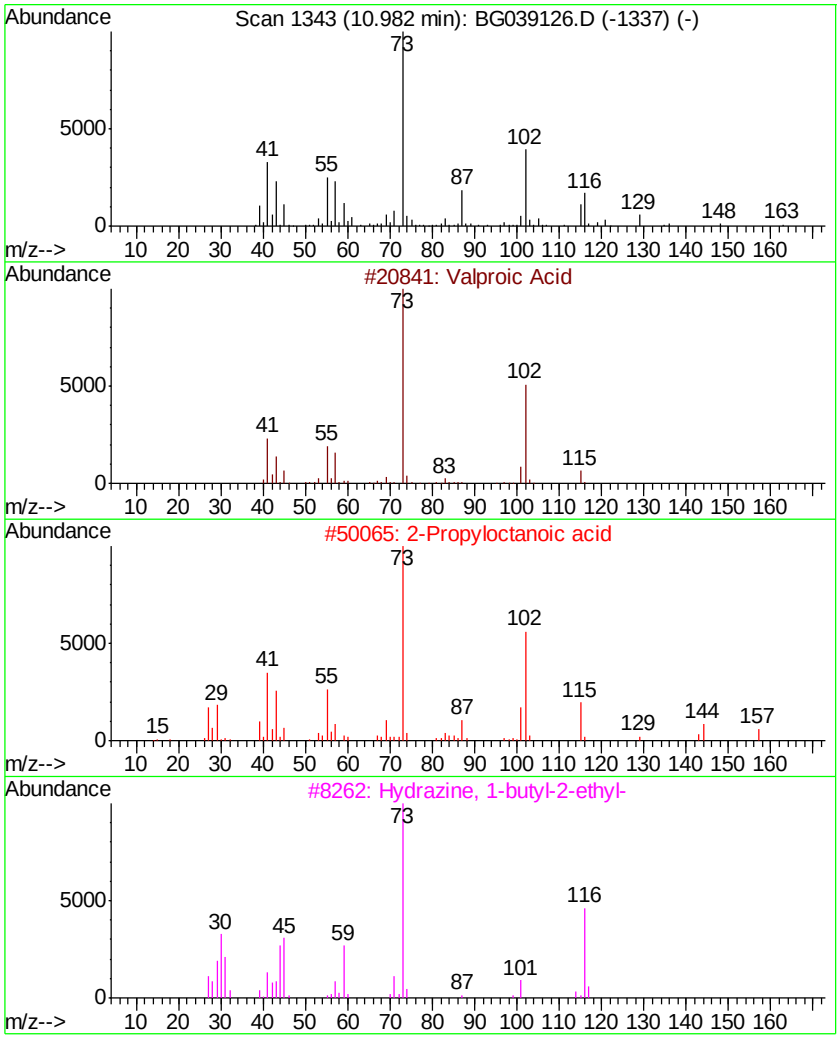
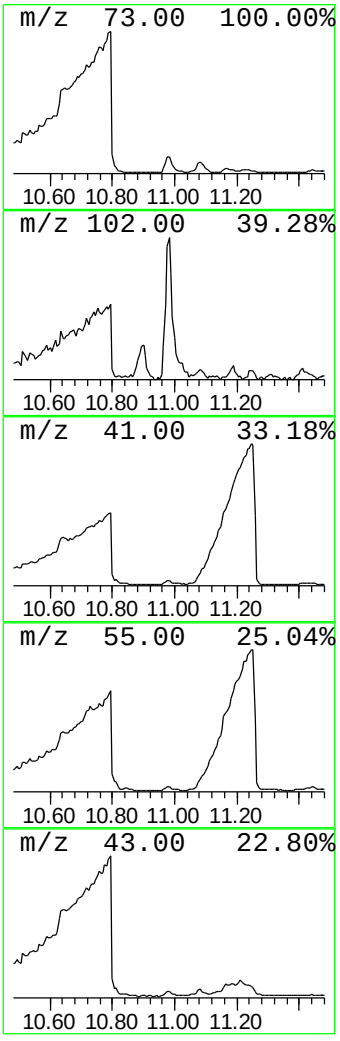
Peak Number 8 unknown10.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	25.91 ng	312468	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic Acid	144	C8H16O2	000099-66-1	40
2	2-Propyloctanoic acid	186	C11H22O2	031080-41-8	38
3	Hydrazine, 1-butyl-2-ethyl-	116	C6H16N2	003711-26-0	25
4	Propanedioic acid, dimethyl-, di...	188	C9H16O4	001619-62-1	22
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	16





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Operator : JU/SJ
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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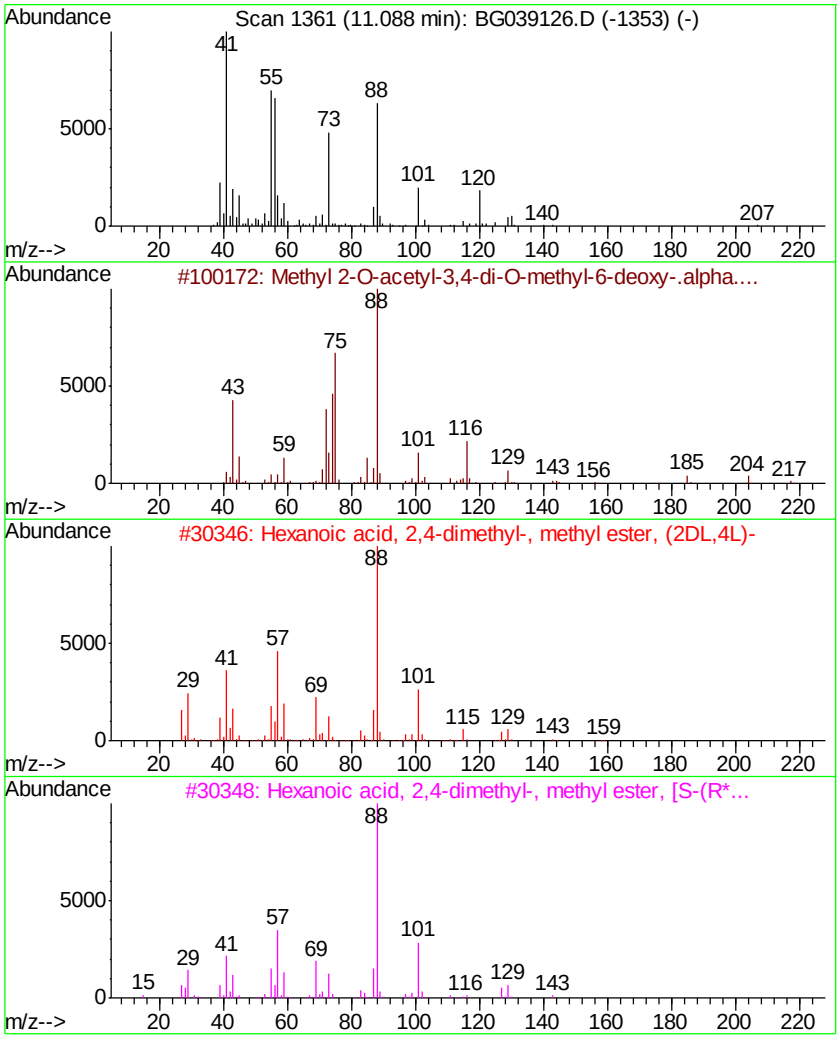
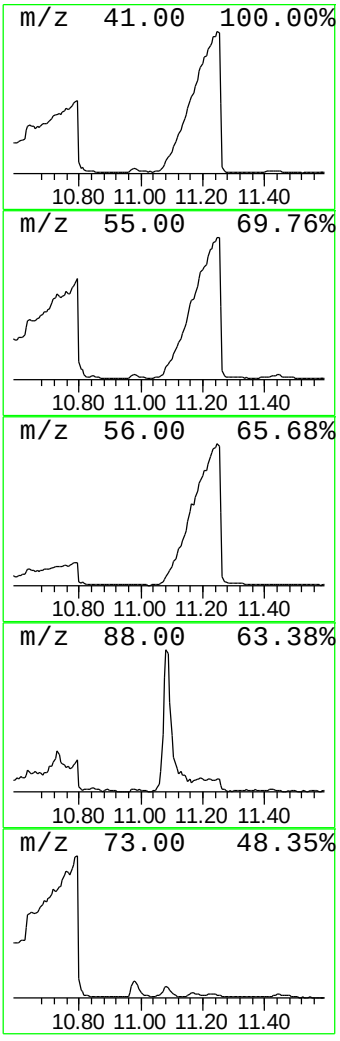
Peak Number 9 unknown11.09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	27.24 ng	328581	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-O-acetyl-3,4-di-O-methy...	248	C11H20O6	072922-26-0	43
2	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	38
3	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-45-7	38
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	37
5	Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	37





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Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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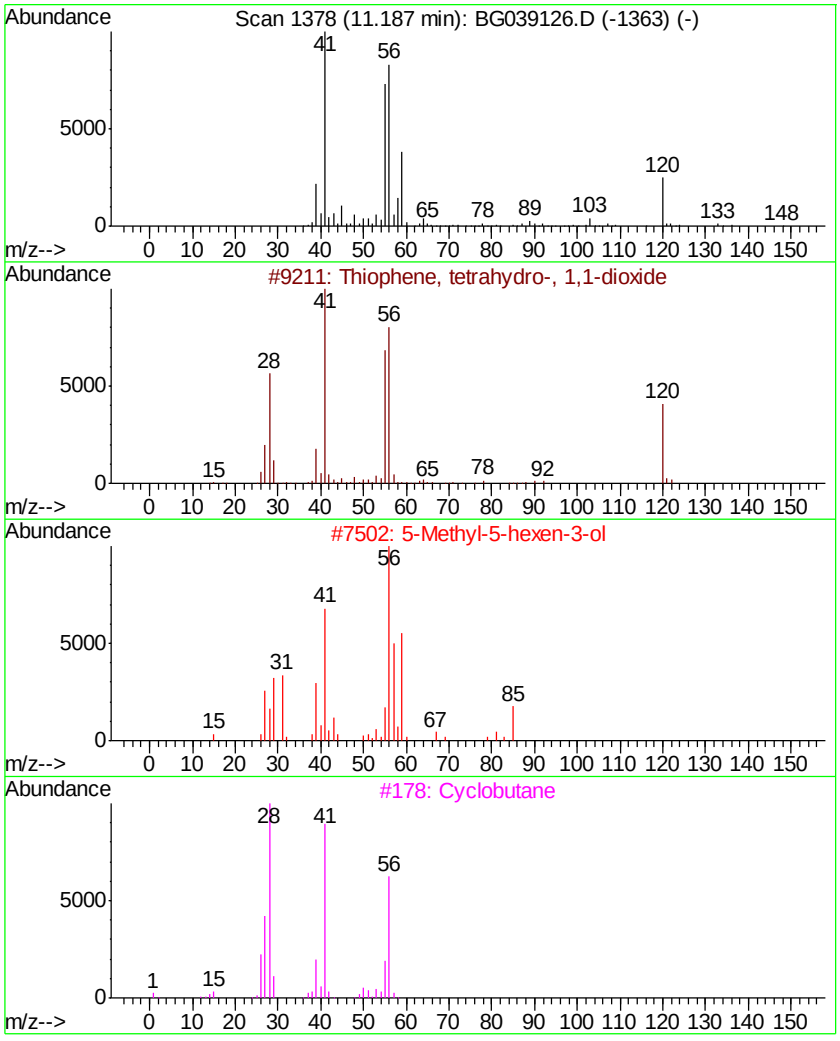
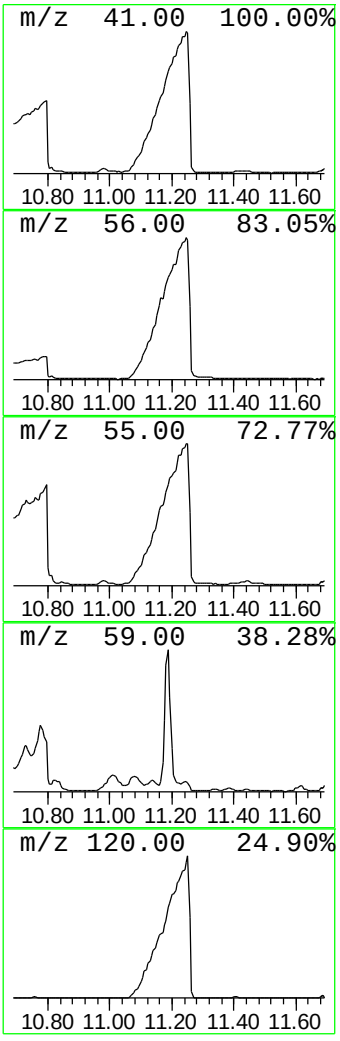
Peak Number 10 Thiophene, tetrahydro-, 1,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	201.46 ng	2429710	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	64
2	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	36
3	Cyclobutane	56	C4H8	000287-23-0	35
4	4-Penten-2-ol, 3-methyl-	100	C6H12O	001569-59-1	25
5	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	23





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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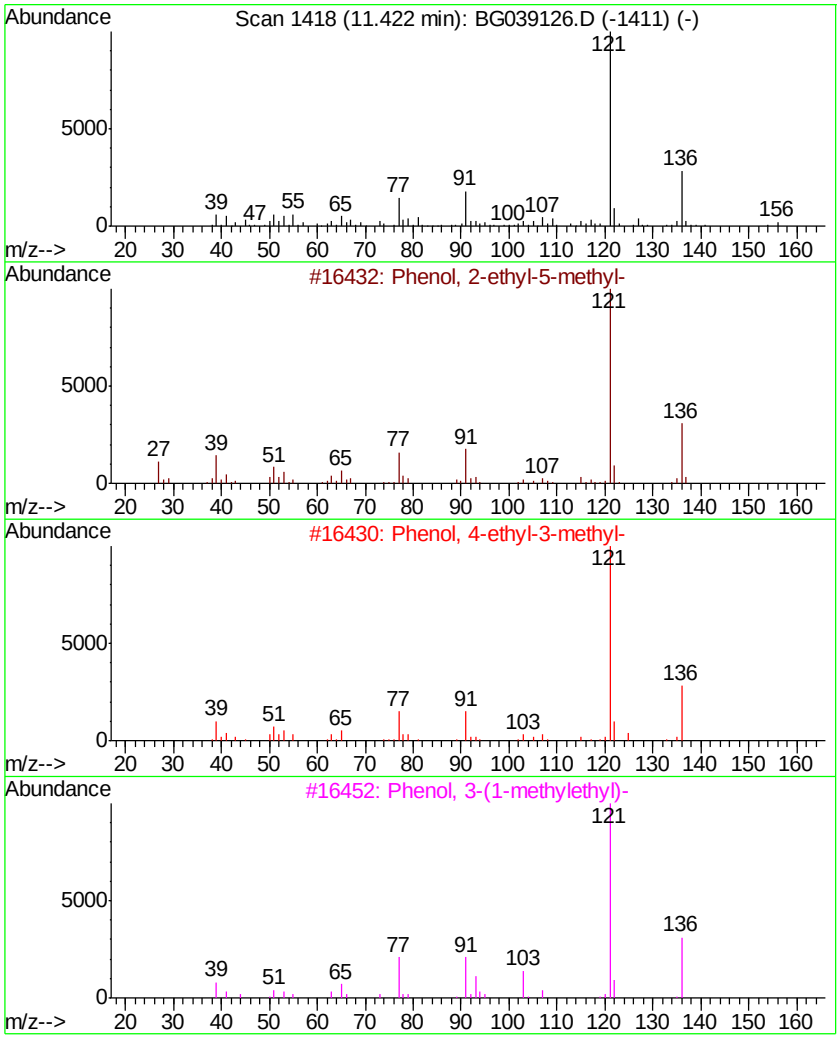
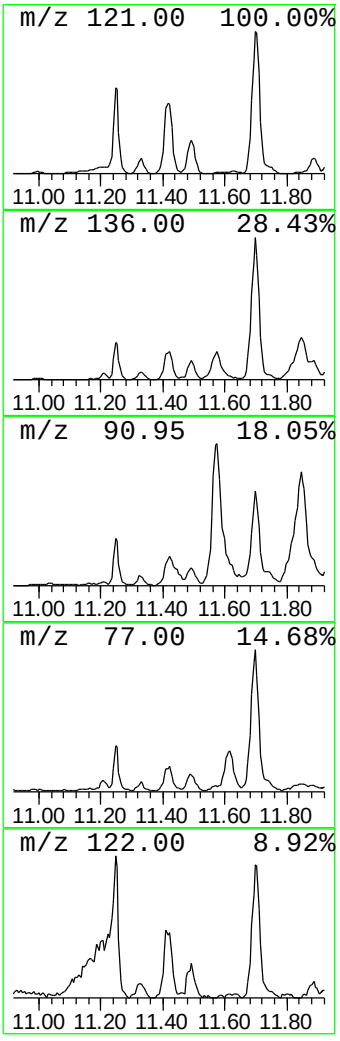
Peak Number 11 Phenol, 2-ethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	30.39 ng	366516	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	93
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	93
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	83
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83





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Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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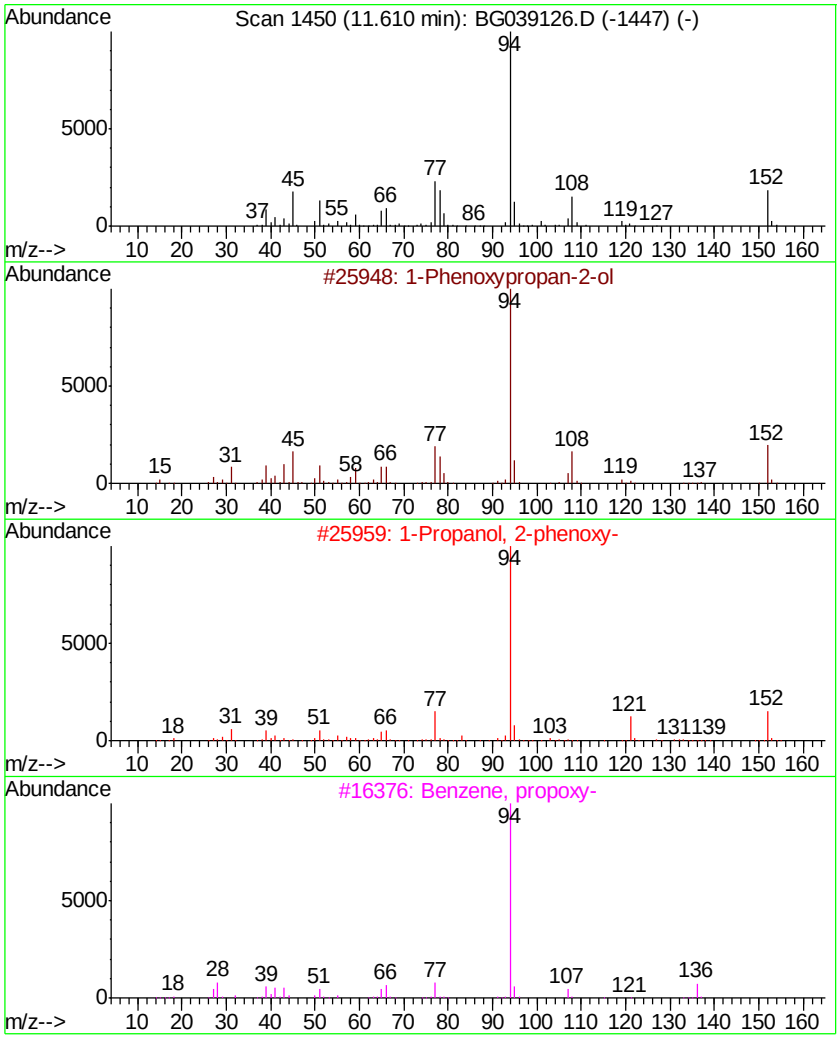
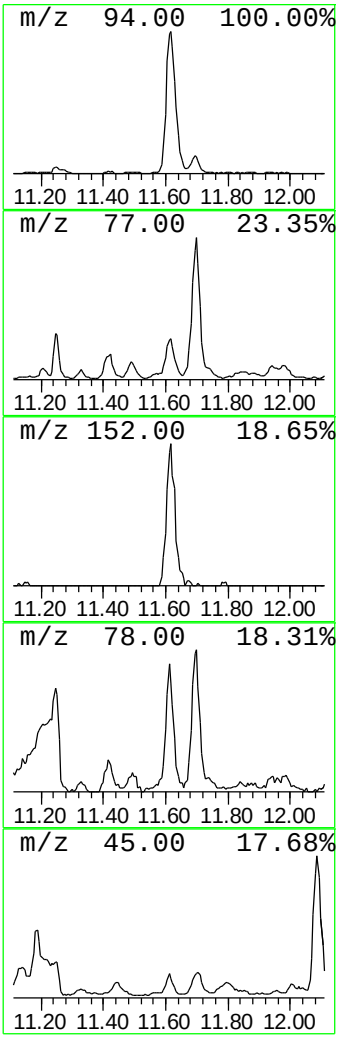
Peak Number 12 1-Phenoxypropan-2-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	22.03 ng	265715	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
2	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64
3	Benzene, propoxy-	136	C9H12O	000622-85-5	53
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	52
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	50





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Misc :
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Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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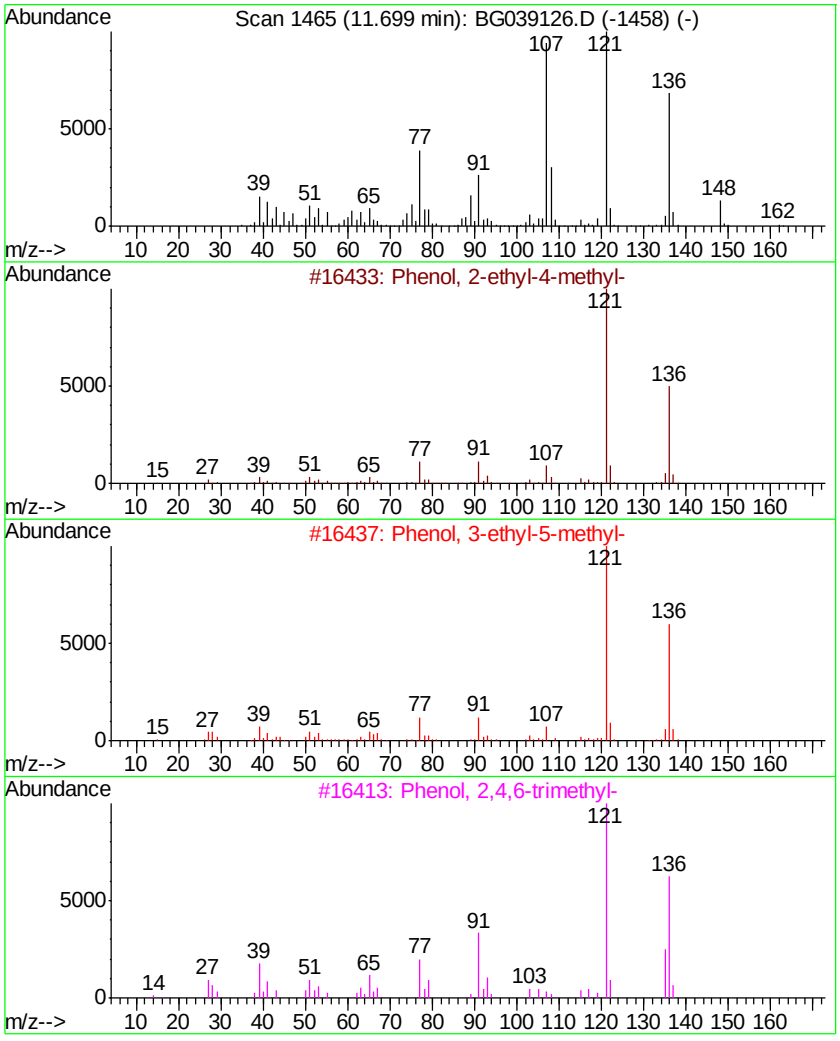
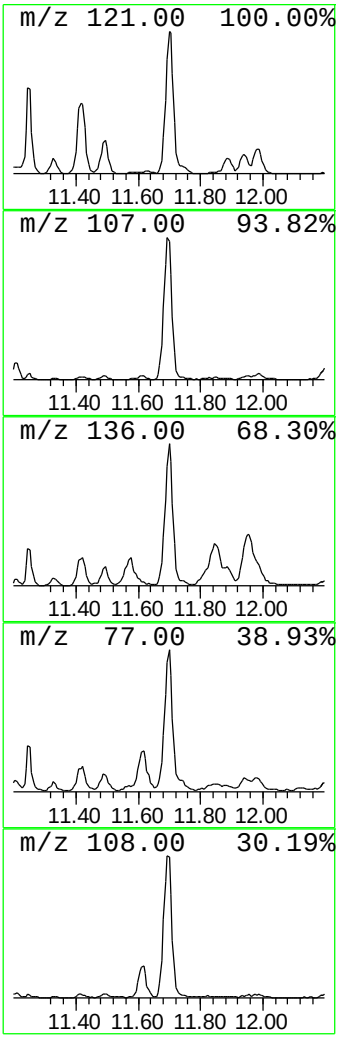
Peak Number 13 Phenol, 2-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	105.57 ng	1273190	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	60
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	60
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	49
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46





Library Search Compound Report

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Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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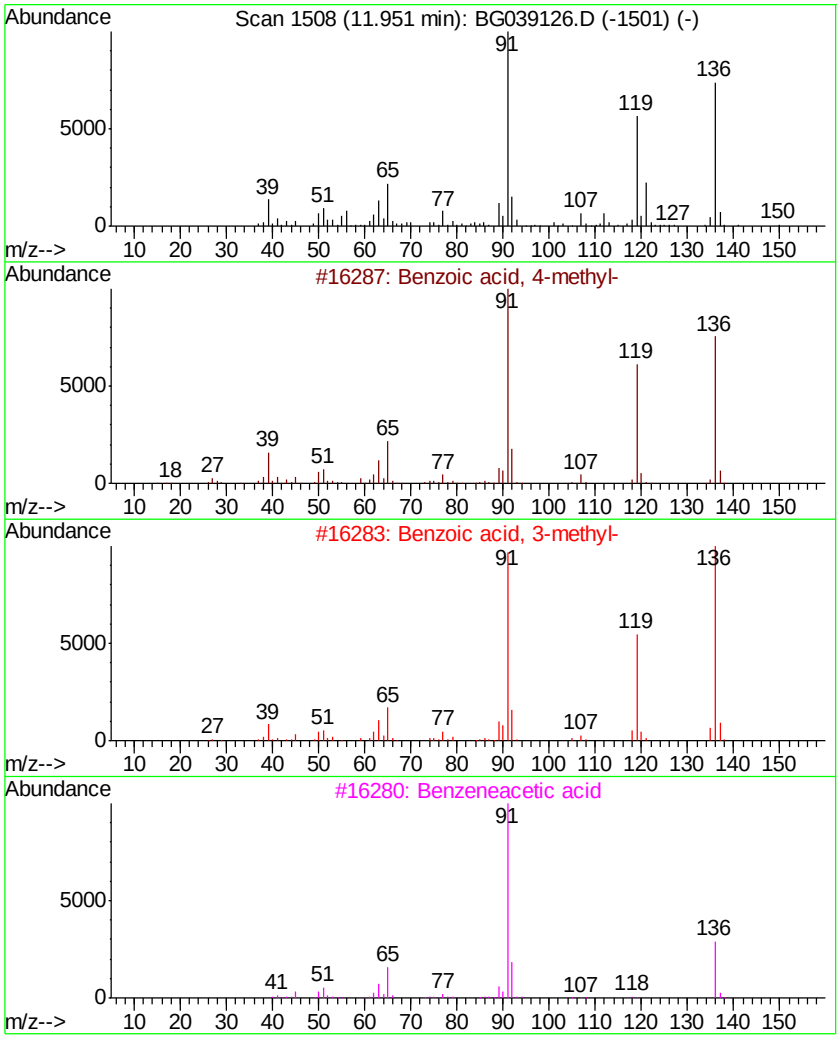
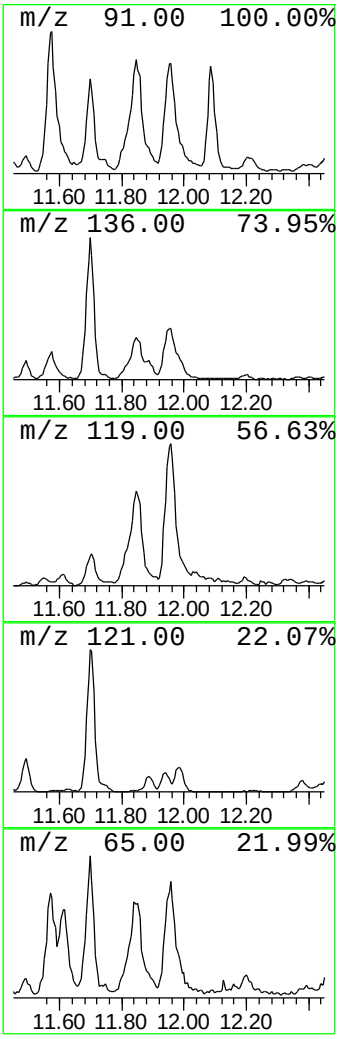
Peak Number 14 Benzoic acid, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	36.03 ng	434530	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	97
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	91
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	70
4	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	52
5	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	41





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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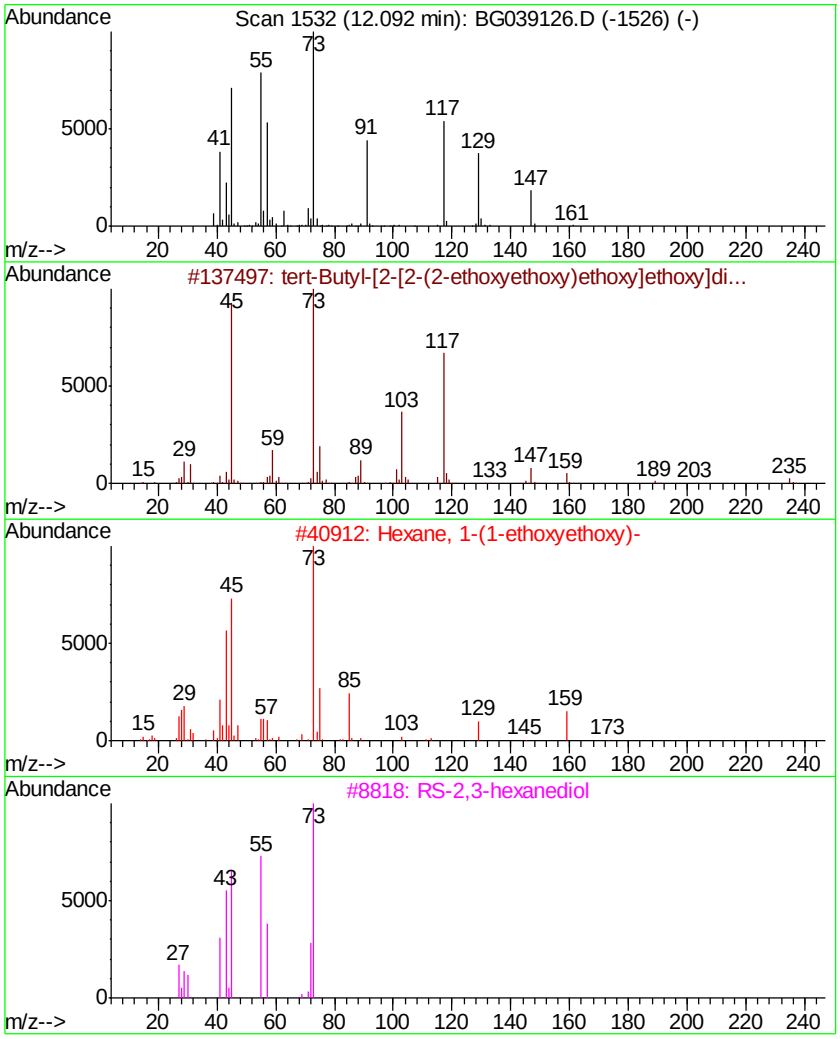
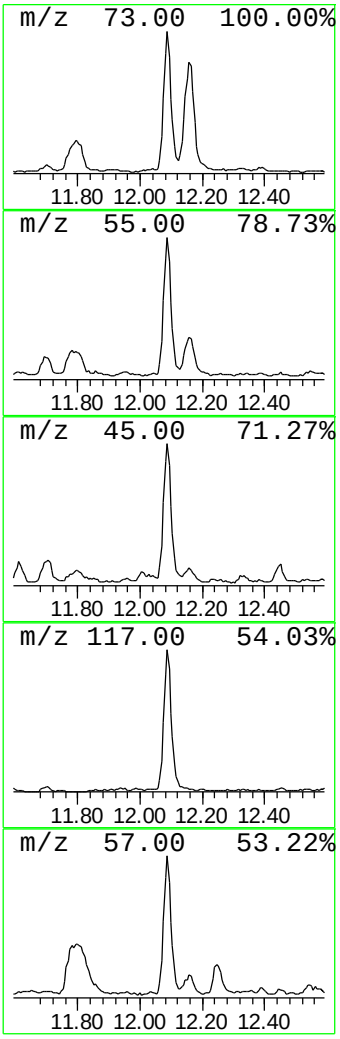
Peak Number 15 unknown12.09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	60.28 ng	726991	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl-[2-[2-(2-ethoxyethoxy...	292	C14H32O4Si	1000352-13-5	37
2	Hexane, 1-(1-ethoxyethoxy)-	174	C10H22O2	054484-73-0	27
3	RS-2,3-hexanediol	118	C6H14O2	082360-67-6	25
4	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	22
5	Methoxyacetic acid, 2,2-dimethyl...	160	C8H16O3	1000282-41-0	14





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Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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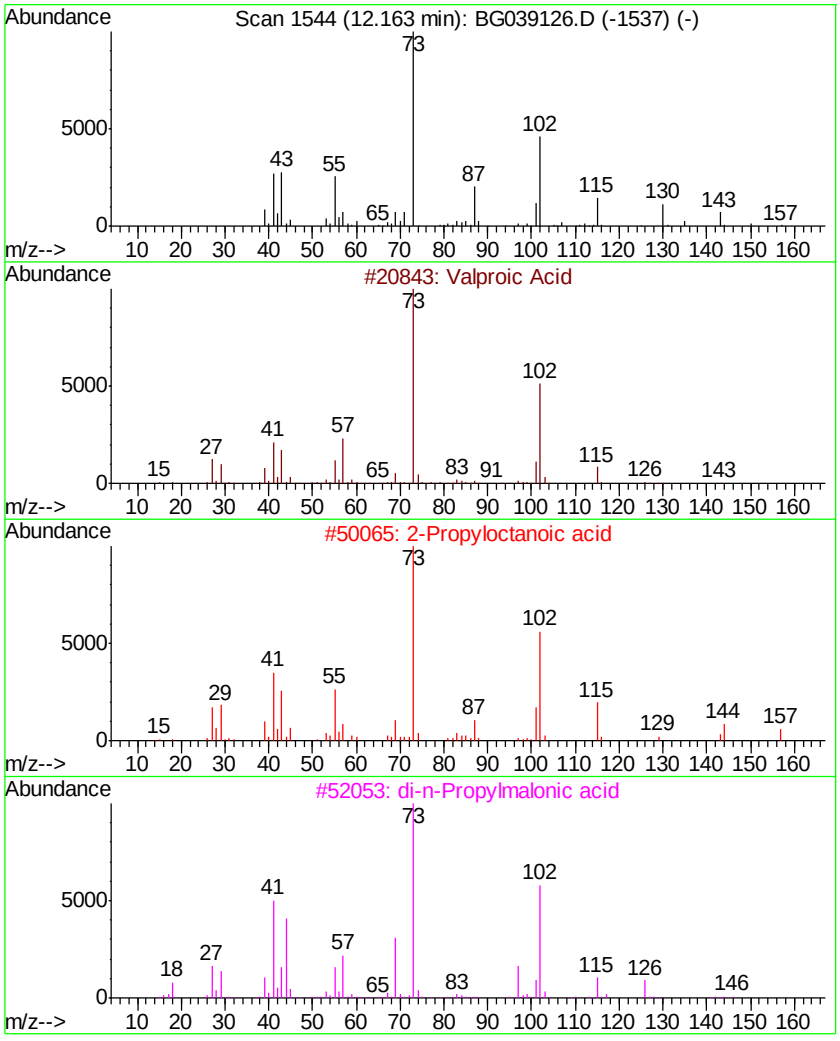
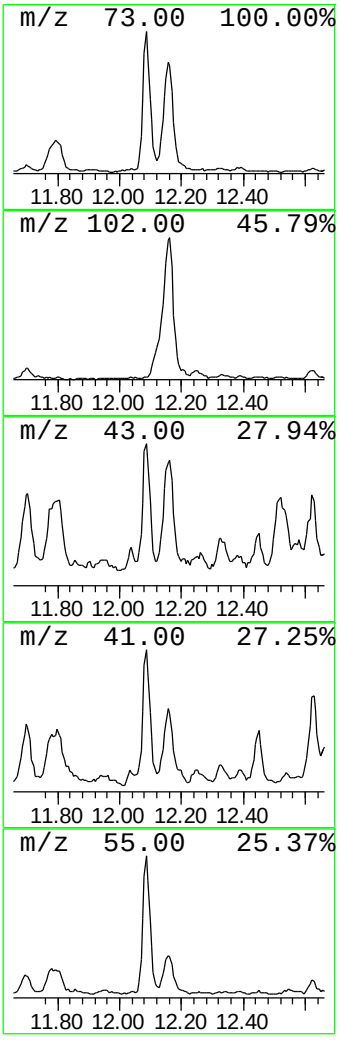
Peak Number 16 Valproic Acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	26.67 ng	321694	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic Acid	144	C8H16O2	000099-66-1	50
2	2-Propyloctanoic acid	186	C11H22O2	031080-41-8	45
3	di-n-Propylmalonic acid	188	C9H16O4	001636-27-7	42
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	17
5	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	10





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Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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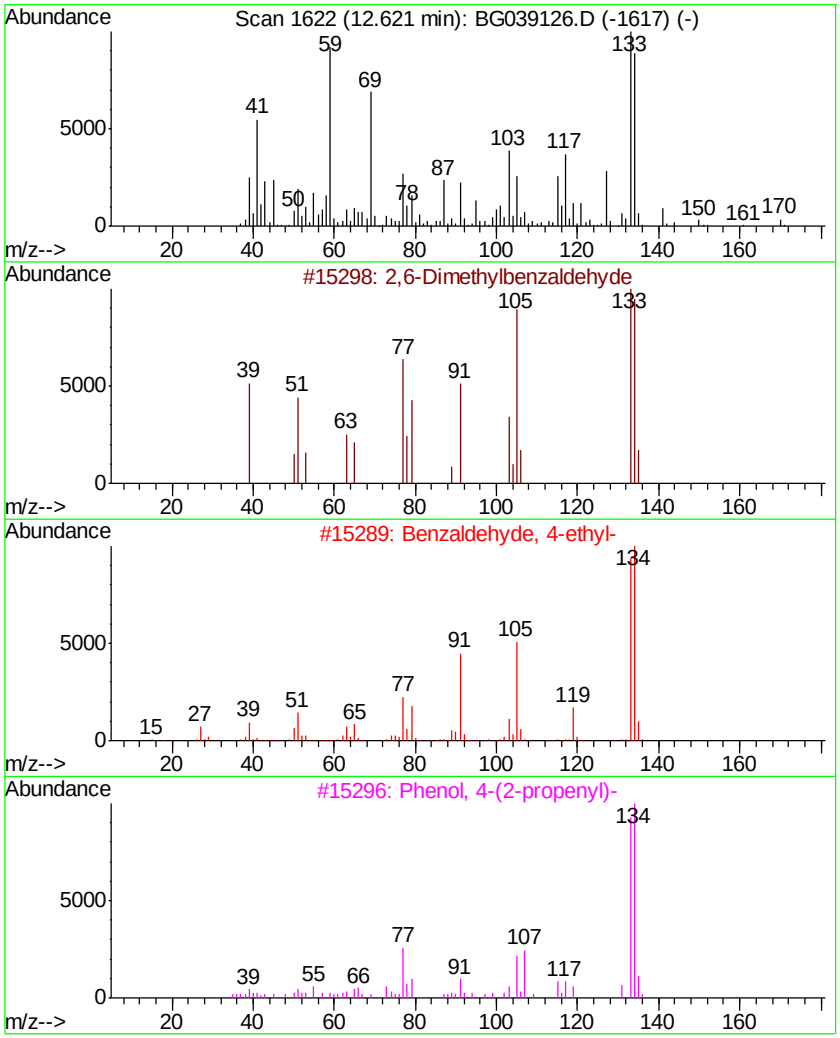
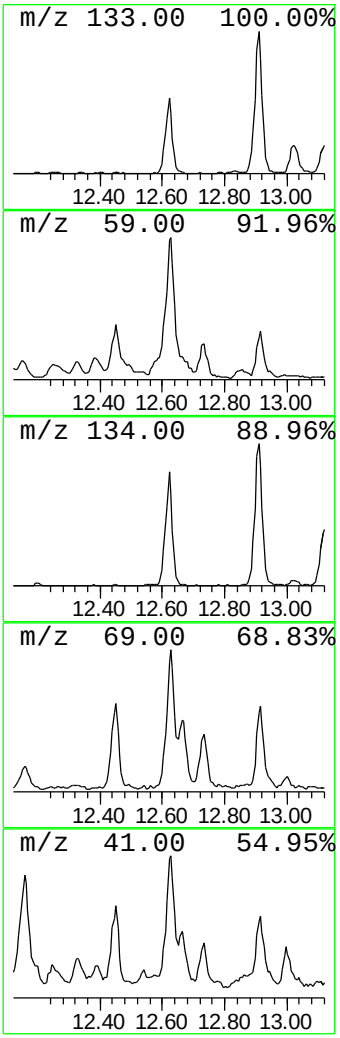
Peak Number 17 unknown12.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	57.95 ng	698869	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylbenzaldehyde	134	C9H10O	001123-56-4	46
2	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	46
3	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	45
4	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	41
5	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	41





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Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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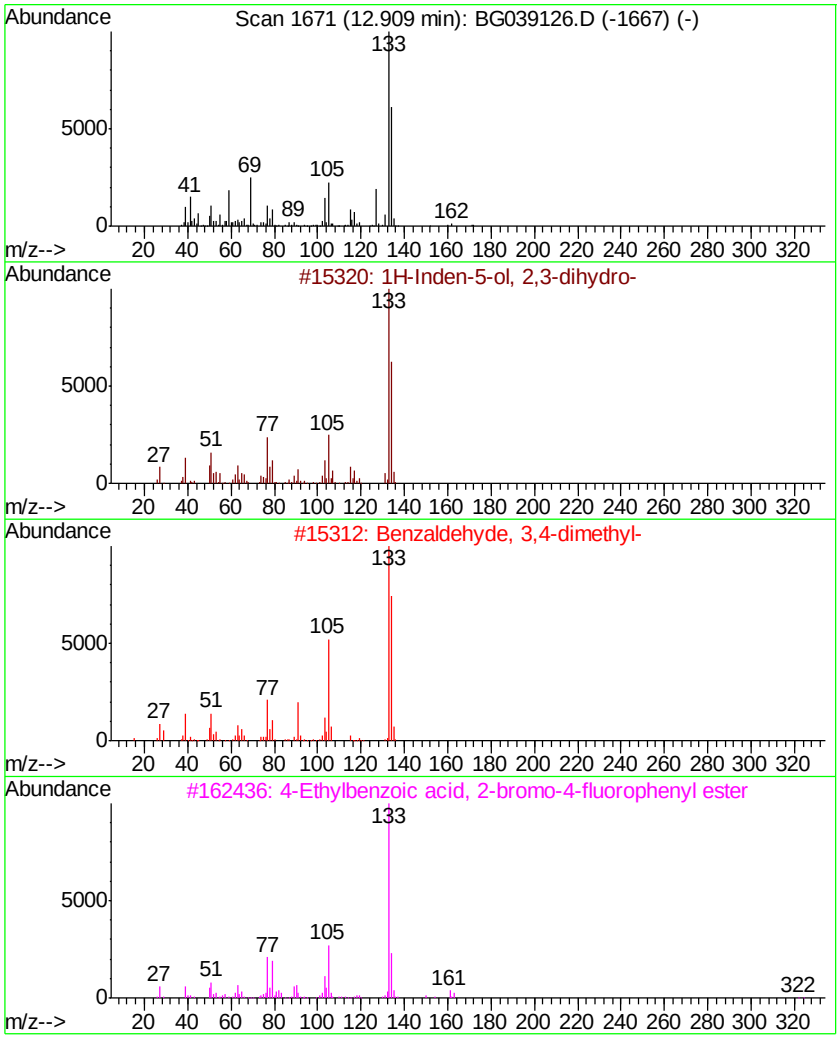
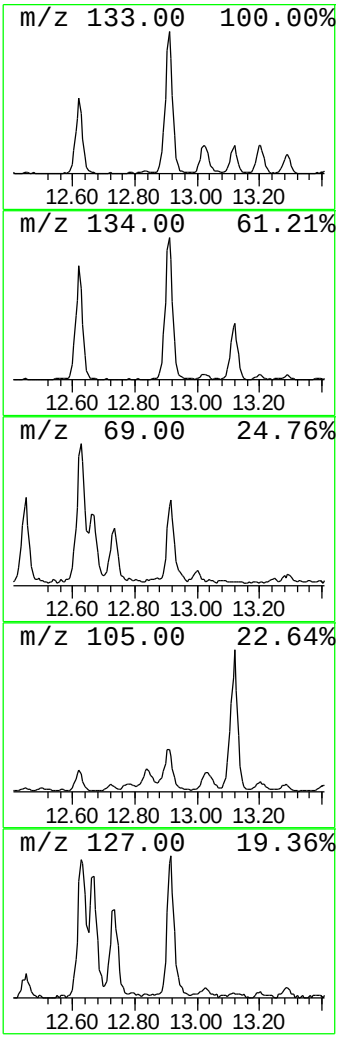
Peak Number 18 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	35.20 ng	600402	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	83
2	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	59
3	4-Ethylbenzoic acid, 2-bromo-4-f...	322	C15H12BrFO2	1000293-61-1	53
4	Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	49
5	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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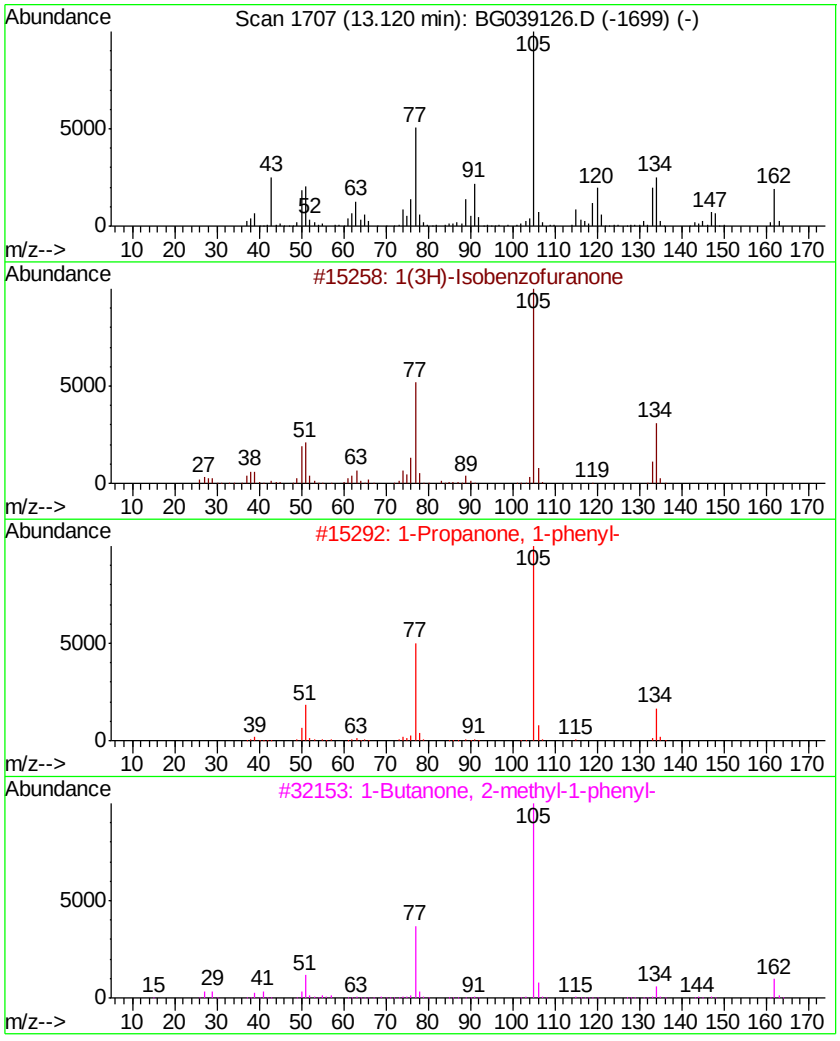
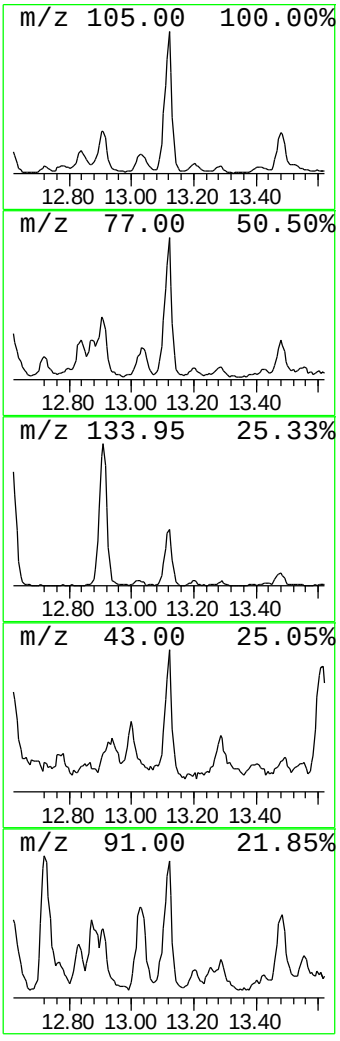
Peak Number 19 1(3H)-Isobenzofuranone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	31.79 ng	542247	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	60
2	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	43
3	1-Butanone, 2-methyl-1-phenyl-	162	C11H14O	000938-87-4	43
4	Acetophenone	120	C8H8O	000098-86-2	38
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	35





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Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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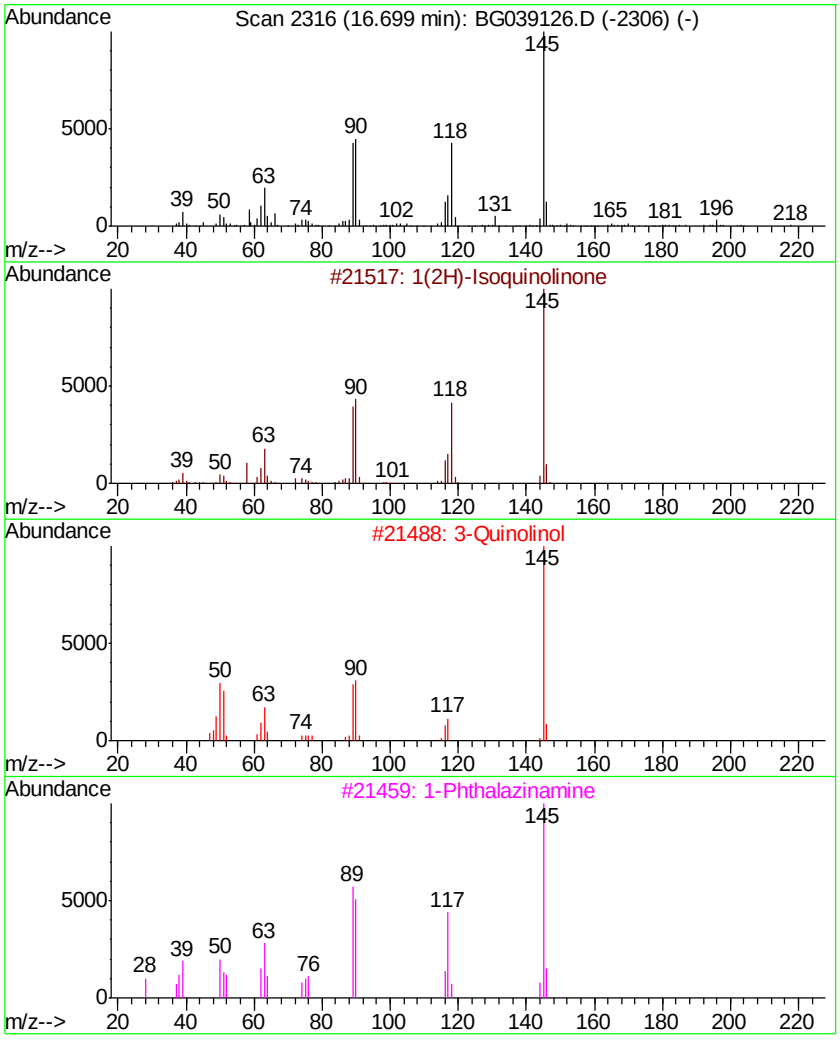
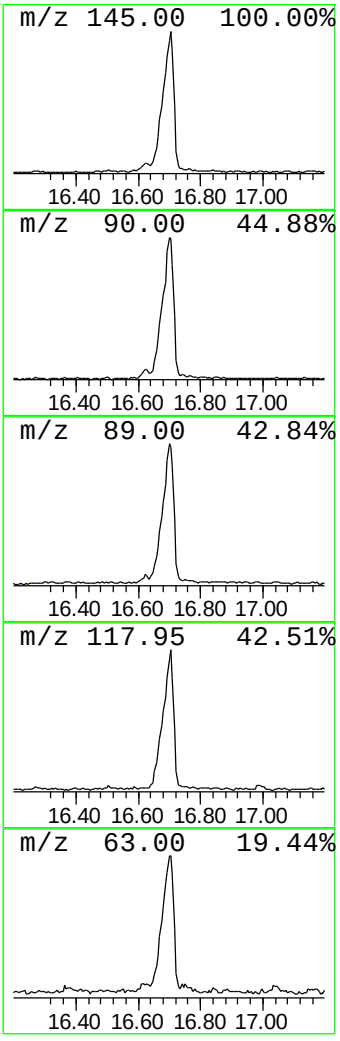
Peak Number 20 1(2H)-Isoquinolinone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	28.89 ng	528644	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	98
2	3-Quinolinol	145	C9H7NO	000580-18-7	83
3	1-Phthalazinamine	145	C8H7N3	019064-69-8	72
4	Indole-7-carboxaldehyde	145	C9H7NO	001074-88-0	70
5	8-Quinolinol, acetate	187	C11H9NO2	002598-29-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
Data File : BG039126.D
Acq On : 14 Jan 2019 18:30
Operator : JU/SJ
Sample : K1127-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Hydrazine, 1,1-di...	4.54	126.9	ng	3568680	1	8.03	562617	20.0
Butanoic acid, 3-...	5.28	20.4	ng	572441	1	8.03	562617	20.0
Pentanoic acid	5.79	24.2	ng	680084	1	8.03	562617	20.0
Hexylene glycol	6.42	28.0	ng	788446	1	8.03	562617	20.0
Hexanoic acid, 2-...	9.60	191.3	ng	2306710	2	10.85	241209	20.0
unknown10.28	10.28	31.6	ng	380530	2	10.85	241209	20.0
Octanoic acid	10.64	74.3	ng	896024	2	10.85	241209	20.0
unknown10.98	10.98	25.9	ng	312468	2	10.85	241209	20.0
unknown11.09	11.09	27.2	ng	328581	2	10.85	241209	20.0
Thiophene, tetrah...	11.19	201.5	ng	2429710	2	10.85	241209	20.0
Phenol, 2-ethyl-5...	11.42	30.4	ng	366516	2	10.85	241209	20.0
1-Phenoxypropan-2-ol	11.61	22.0	ng	265715	2	10.85	241209	20.0
Phenol, 2-ethyl-4...	11.70	105.6	ng	1273190	2	10.85	241209	20.0
Benzoic acid, 4-m...	11.95	36.0	ng	434530	2	10.85	241209	20.0
unknown12.09	12.09	60.3	ng	726991	2	10.85	241209	20.0
Valproic Acid	12.16	26.7	ng	321694	2	10.85	241209	20.0
unknown12.62	12.62	58.0	ng	698869	2	10.85	241209	20.0
1H-Inden-5-ol, 2,...	12.91	35.2	ng	600402	3	14.67	341106	20.0
1(3H)-Isobenzofur...	13.12	31.8	ng	542247	3	14.67	341106	20.0
1(2H)-Isoquinolinone	16.70	28.9	ng	528644	4	17.42	365924	20.0