LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040158.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

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-BG030419.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	3.199	12	19	26	rBV	230979	532331	19.08%	2.056%
2	3.270	26	31	51	rVB	547426	942967	33.79%	3.641%
3	5.226	358	364	373	rVB	26825	45932	1.65%	0.177%
4	5.684	435	442	450	rBV	271472	453059	16.24%	1.750%
5	5.755	450	454	463	rVB3	13658	30267	1.08%	0.117%
6	6.178	521	526	536	rVB	52886	92285	3.31%	0.356%
7	6.794	626	631	636	rBV	27334	42660	1.53%	0.165%
8	7.282	708	714	726	rBV	176509	342297	12.27%	1.322%
9	7.664	772	779	795	rBV	487048	894665	32.06%	3.455%
10	8.140	853	860	864	rBV	172609	303444	10.88%	1.172%
11	8.175	864	866	873	rVB	52422	66948	2.40%	0.259%
12	8.463	906	915	923	rVB	627522	1103372	39.54%	4.261%
13	8.803	967	973	986	rVB2	104049	202766	7.27%	0.783%
14	9.244	1042	1048	1053	rBV8	14966	28402	1.02%	0.110%
15	9.315	1053	1060	1067	rVV	560270	1012509	36.29%	3.910%
16	9.379	1067	1071	1075	rVV	27717	47682	1.71%	0.184%
17	9.426	1075	1079	1097	rVB3	34702	91747	3.29%	0.354%
18	9.867	1146	1154	1163	rBV	70334	138293	4.96%	0.534%
19	10.225	1208	1215	1231	rBV2	35766	153514	5.50%	0.593%
20	10.360	1233	1238	1248	rVB5	36504	77100	2.76%	0.298%
21	10.495	1253	1261	1266	rBV9	14468	29335	1.05%	0.113%
22	10.754	1294	1305	1307	rBV9	22310	55963	2.01%	0.216%
23	10.801	1308	1313	1317	rVV3	47588	79241	2.84%	0.306%
24	10.959	1333	1340	1343	rBV	220706	418404	15.00%	1.616%
25	11.001	1343	1347	1363	rVB	434920	765954	27.45%	2.958%
26	11.253	1383	1390	1395	rBV4	34036	58478	2.10%	0.226%
27	11.506	1427	1433	1446	rBV2	21465	64830	2.32%	0.250%
28	11.617	1447	1452	1457	rVV	35245	69961	2.51%	0.270%
29	11.676	1457	1462	1470	rVB2	33899	61575	2.21%	0.238%
30	11.929	1498	1505	1515	rBV2	62253	131422	4.71%	0.508%
31	12.305	1560	1569	1582	rBV6	19572	49821	1.79%	0.192%
32	12.475	1592	1598	1605	rBV2	29595	51778	1.86%	0.200%
33	12.604	1608	1620	1625	rBV7	38713	149415	5.35%	0.577%
34	12.675	1627	1632	1639	rVB4	38307	81941	2.94%	0.316%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.751	1639	1645	1651	rBV	78311	158030	5.66%	0.610%
36	12.939	1672	1677	1684	rVB4	24876	55467	1.99%	0.214%
37	13.198	1716	1721	1728	rBV3	17939	42015	1.51%	0.162%
38	13.386	1746	1753	1760	rVB	1445567	2206894	79.09%	8.522%
39	13.585	1779	1787	1788	rBV8	14920	30502	1.09%	0.118%
40	13.738	1806	1813	1823	rBV8	18549	67058	2.40%	0.259%
41	14.208	1888	1893	1902	rBV2	44351	97331	3.49%	0.376%
42	14.284	1902	1906	1912	rVB	21103	36103	1.29%	0.139%
43	14.419	1922	1929	1936	rVB2	50752	79220	2.84%	0.306%
44	14.613	1953	1962	1967	rBV9	14269	49677	1.78%	0.192%
45	14.666	1968	1971	1976	rVB	22565	35535	1.27%	0.137%
46	14.766	1982	1988	1996	rVB2	344431	563582	20.20%	2.176%
47	14.954	2014	2020	2029	rVB	126523	182853	6.55%	0.706%
48	15.271	2065	2074	2085	rBV	323732	596102	21.36%	2.302%
49	15.553	2116	2122	2131	rVB	36618	67102	2.40%	0.259%
50	15.729	2143	2152	2161	rBV7	19108	53064	1.90%	0.205%
51	15.970	2186	2193	2201	rVB2	33641	55534	1.99%	0.214%
52	16.252	2234	2241	2248	rBV	729284	1160978	41.61%	4.483%
53	16.317	2248	2252	2259	rVB4	30495	53438	1.92%	0.206%
54	16.446	2267	2274	2278	rBV2	23949	46826	1.68%	0.181%
55	16.799	2326	2334	2340	rBV	152184	264643	9.48%	1.022%
56	16.981	2356	2365	2367	rBV5	13411	30013	1.08%	0.116%
57	17.039	2370	2375	2380	rVB	59431	86598	3.10%	0.334%
58	17.374	2427	2432	2440	rVB3	36824	60943	2.18%	0.235%
59	17.456	2441	2446	2450	rBV	47357	81387	2.92%	0.314%
60	17.509	2450	2455	2463	rVB	439584	676233	24.24%	2.611%
61	18.009	2535	2540	2543	rBV4	20175	29765	1.07%	0.115%
62	18.114	2549	2558	2570	rBV3	217797	610491	21.88%	2.358%
63	18.361	2596	2600	2609	rVB2	102731	160585	5.76%	0.620%
64	18.502	2620	2624	2631	rBV2	60216	104438	3.74%	0.403%
65	18.655	2645	2650	2656	rBV	147525	233334	8.36%	0.901%
66	18.743	2658	2665	2674	rVB	99591	210017	7.53%	0.811%
67	19.095	2720	2725	2729	rVB	25249	33633	1.21%	0.130%
68	19.272	2750	2755	2760	rBV	193726	253831	9.10%	0.980%
69	19.624	2811	2815	2821	rBV7	33480	59707	2.14%	0.231%
70	19.959	2864	2872	2883	rBV	1014566	1297484	46.50%	5.010%
71	20.100	2890	2896	2911	rVB	2057311	2790279	100.00%	10.775%

LSC Area Percent Report

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Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.699	2994	2998	3002	rVB	57907	63615	2.28%	0.246%
73	21.193	3076	3082	3087	rBV	1662788	2158473	77.36%	8.335%
74	21.398	3111	3117	3121	rBV	104439	192314	6.89%	0.743%
75	21.639	3154	3158	3163	rVB	24364	34528	1.24%	0.133%
76	21.792	3178	3184	3194	rVB	461647	774318	27.75%	2.990%
77	21.880	3194	3199	3204	rVV	97674	146774	5.26%	0.567%
78	22.555	3309	3314	3320	rBV2	26991	45232	1.62%	0.175%
79	22.655	3326	3331	3338	rVB3	26468	48699	1.75%	0.188%
80	23.266	3430	3435	3440	rBV2	35199	69281	2.48%	0.268%
81	24.095	3568	3576	3584	rBV3	41370	97819	3.51%	0.378%
82	25.076	3736	3743	3747	rBV4	37392	89707	3.21%	0.346%
83	25.152	3747	3756	3769	rVB2	237632	745452	26.72%	2.879%
84	26.239	3931	3941	3953	rBV6	27852	90953	3.26%	0.351%
85	27.654	4175	4182	4192	rVB8	14024	47229	1.69%	0.182%

Sum of corrected areas: 25895444

LSC Report - Integrated Chromatogram

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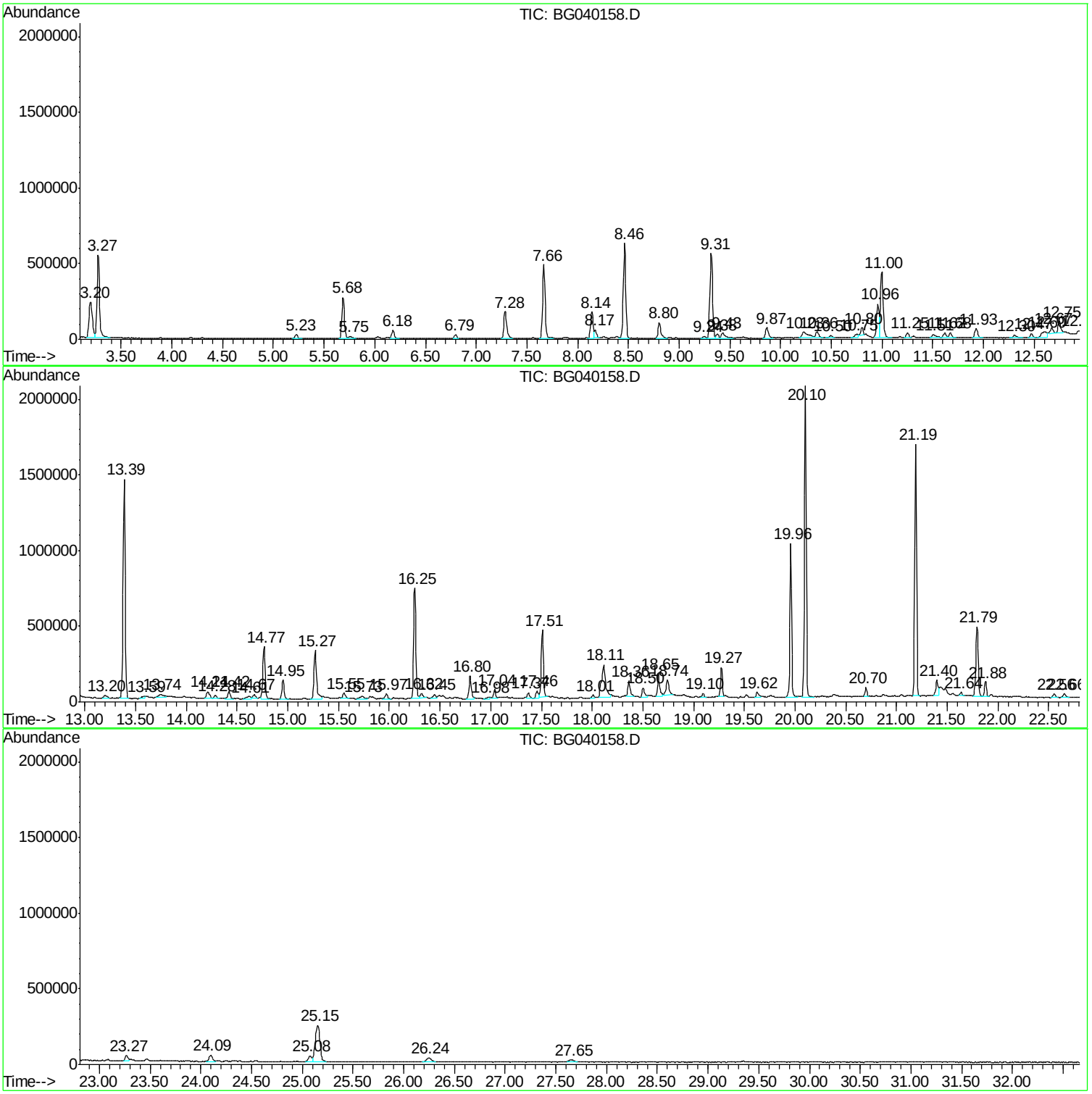
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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\BG032619\
Data File : BG040158.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

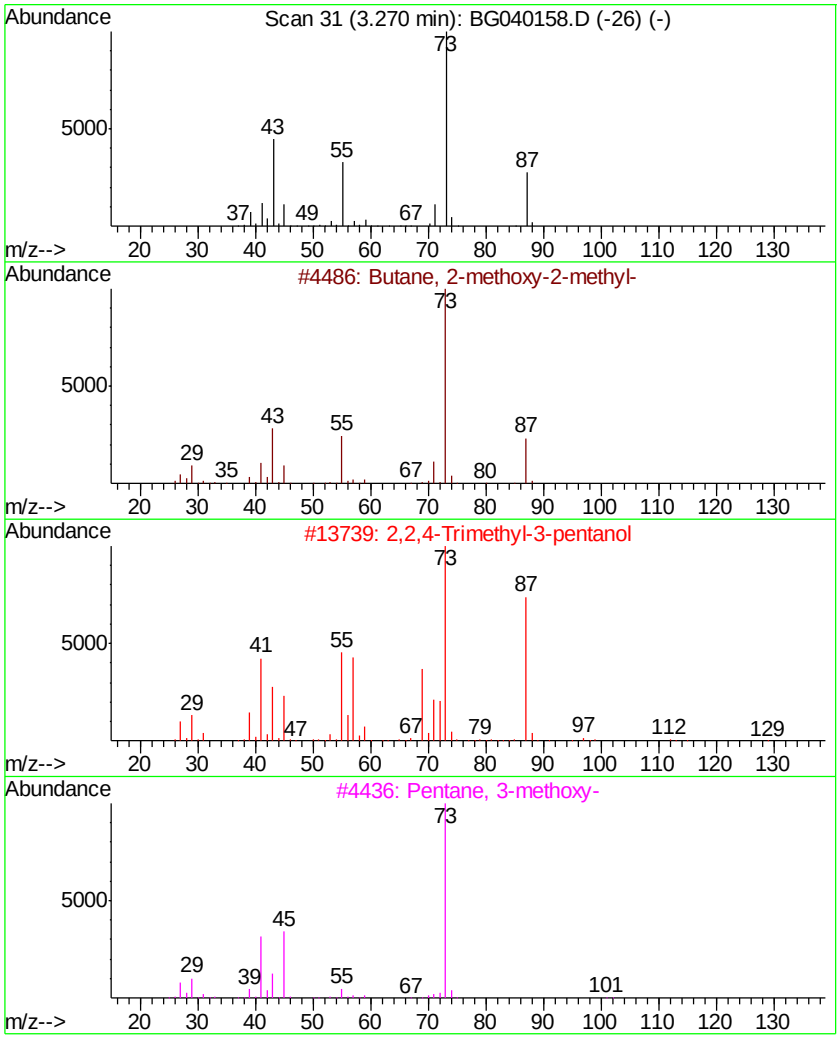
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

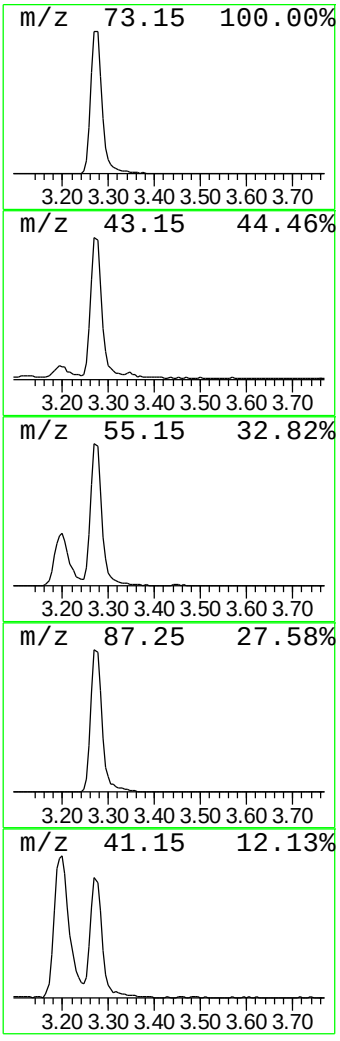
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	62.15 ng	942967	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040158.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

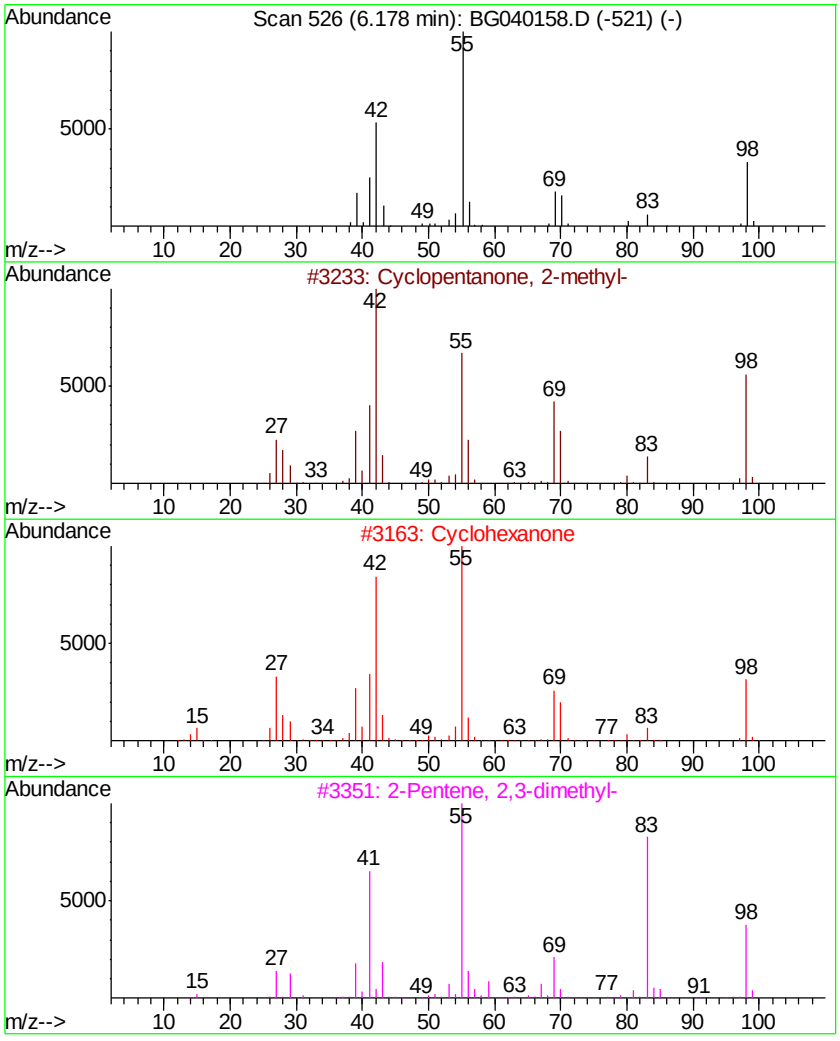
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

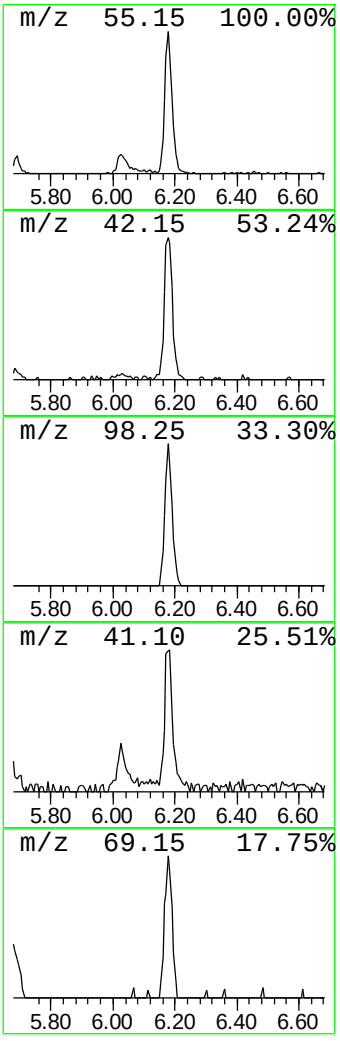
****

Peak Number 3 Cyclopentanone, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	6.08 ng	92285	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	83
2	Cyclohexanone	98	C6H10O	000108-94-1	78
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	47
4	2H-Imidazol-2-one, 1,3-dihydro-4...	98	C4H6N2O	001192-34-3	42
5	6-Oxa-bicyclo[3.1.0]hexan-3-one	98	C5H6O2	074017-10-0	40





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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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TIC Library : C:\Database\NIST11.L
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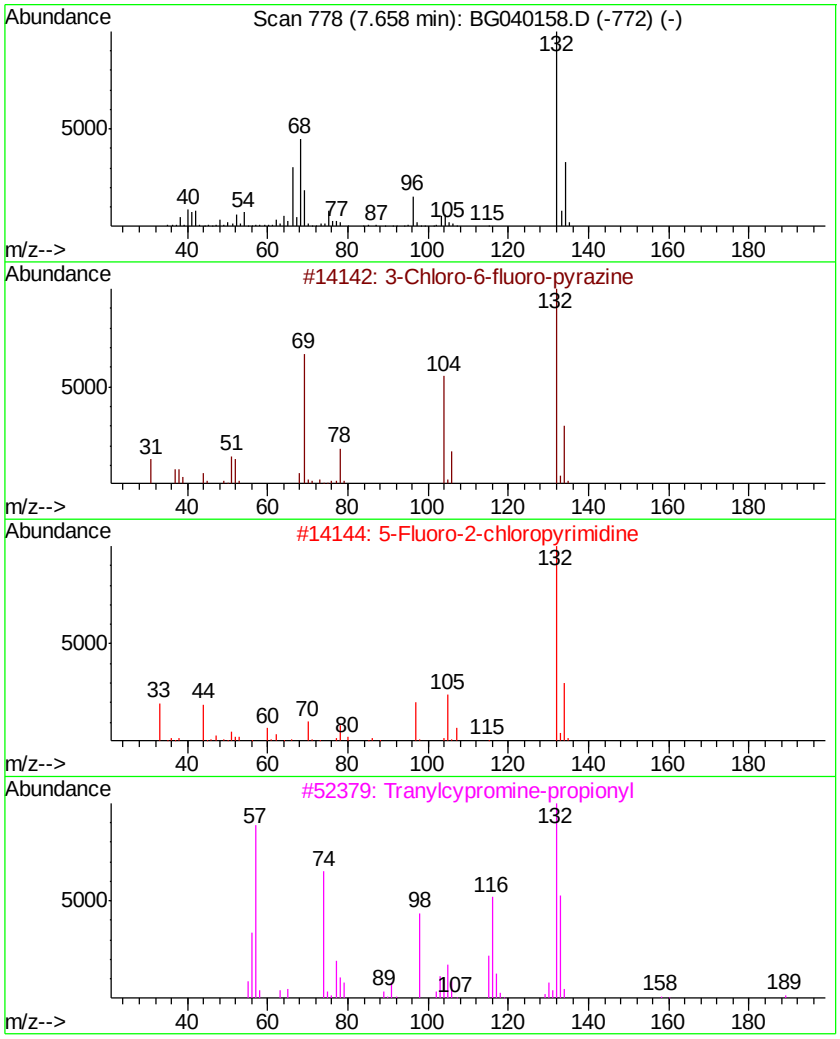
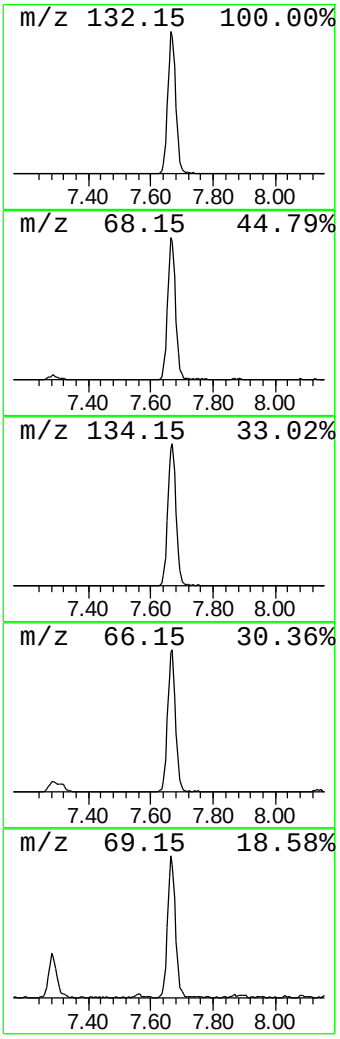
****

Peak Number 4 unknown7.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	58.97 ng	894665	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Xenon	132	Xe	007440-63-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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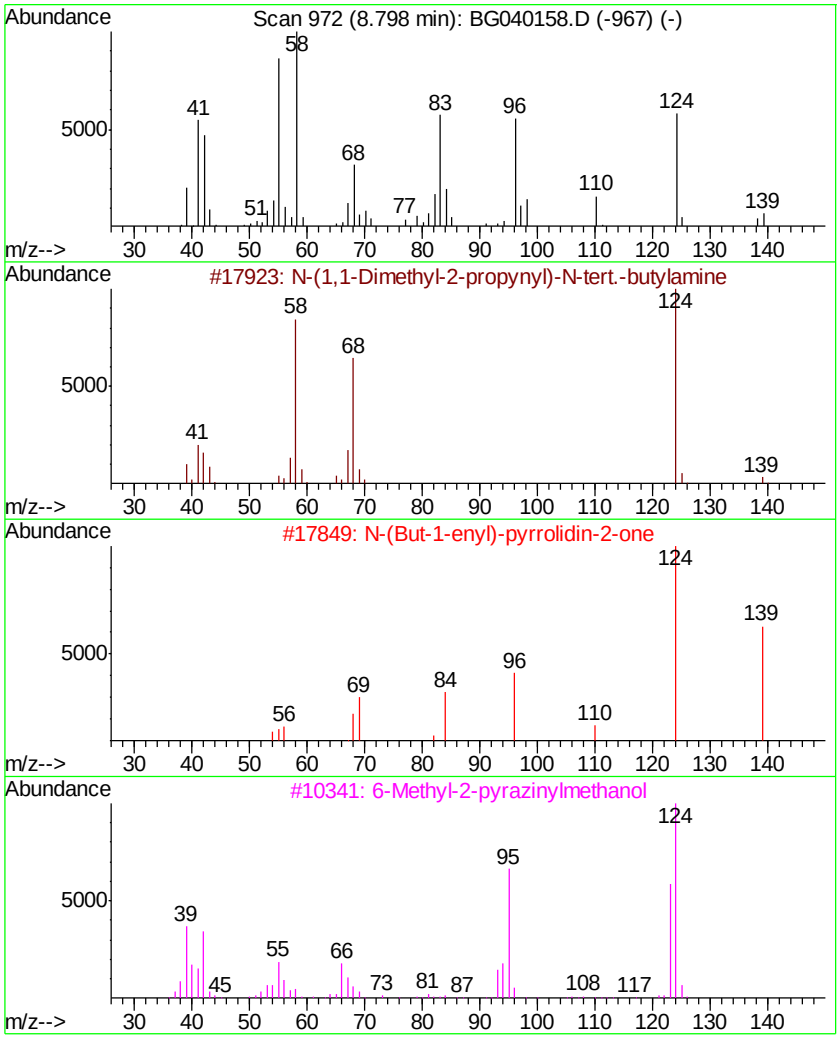
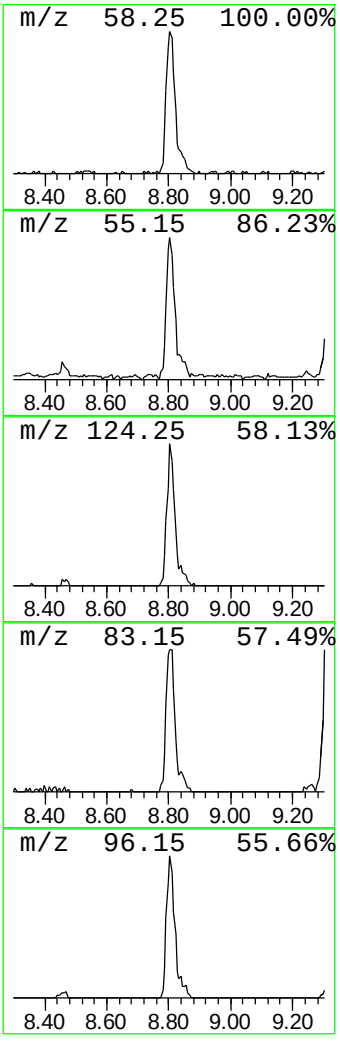
****

Peak Number 6 N-(1,1-Dimethyl-2-propynyl)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	13.36 ng	202766	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(1,1-Dimethyl-2-propynyl)-N-te...	139	C9H17N	001118-17-8	53
2	N-(But-1-enyl)-pyrrolidin-2-one	139	C8H13NO	1000145-94-4	38
3	6-Methyl-2-pyrazinylmethanol	124	C6H8N2O	077164-93-3	25
4	2,2-Dimethyl-1-aza-spiro[2.3]hexane	111	C7H13N	1000194-19-9	18
5	4,5-Dimethyl-2-isopropyloxazole	139	C8H13NO	019519-45-0	18





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

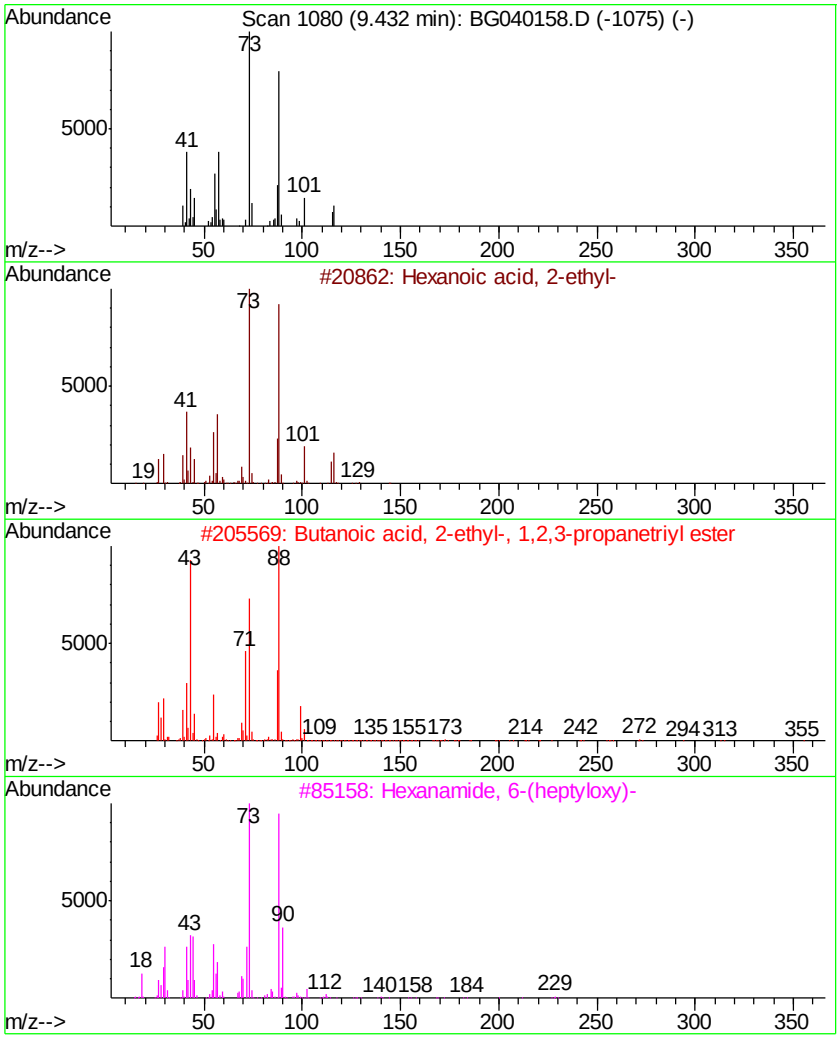
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

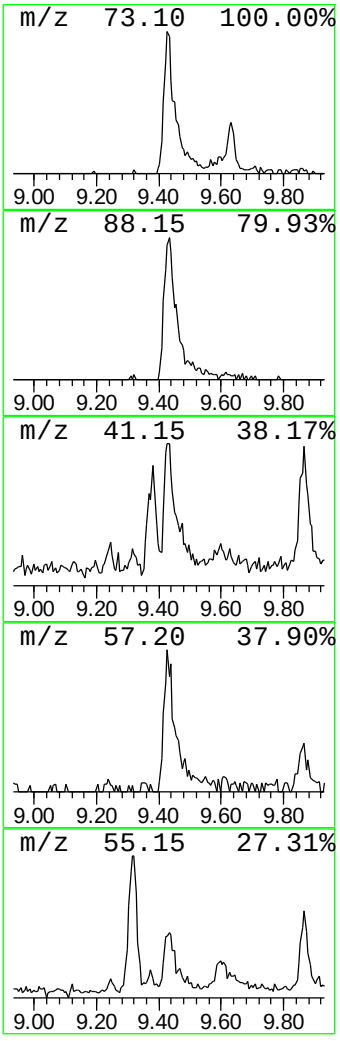
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	6.05 ng	91747	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
3	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	37
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35
5	1,4-Dioxane	88	C4H8O2	000123-91-1	32





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Misc :
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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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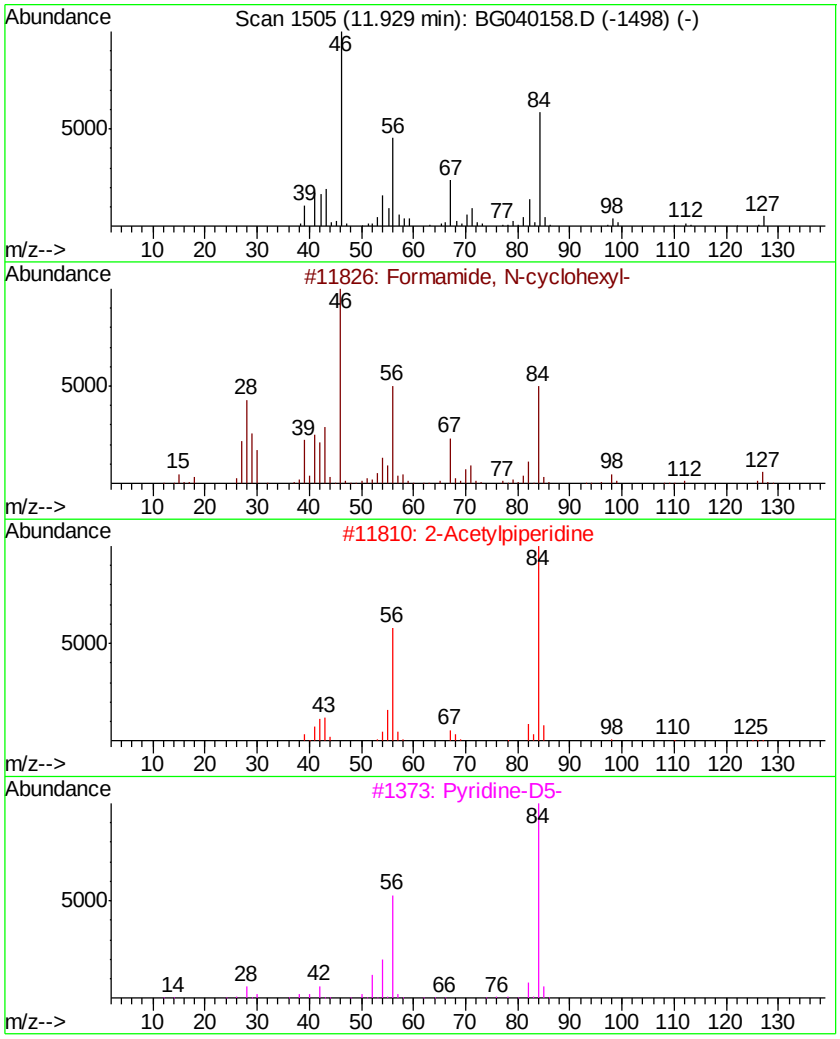
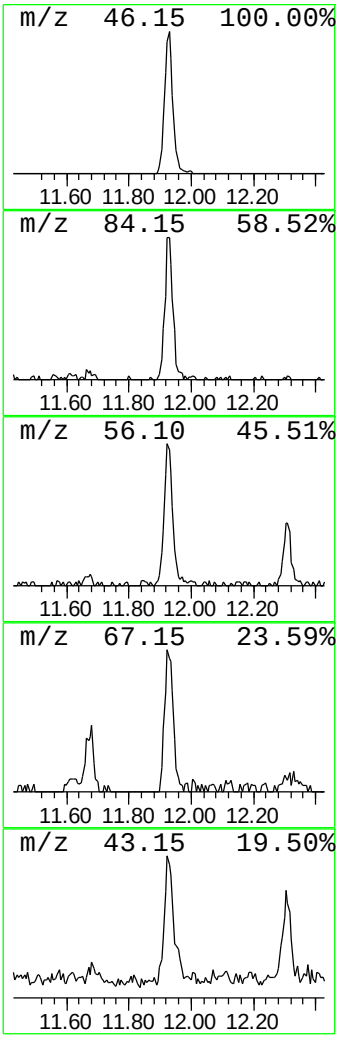
****

Peak Number 8 Formamide, N-cyclohexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.28 ng	131422	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-cyclohexyl-	127	C7H13NO	000766-93-8	95
2	2-Acetylpiperidine	127	C7H13NO	097073-22-8	27
3	Pyridine-D5-	84	C5D5N	007291-22-7	27
4	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	22
5	Cyclopentanamine, 1-(4-morpholin...	184	C10H20N2O	1000351-43-8	14





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Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

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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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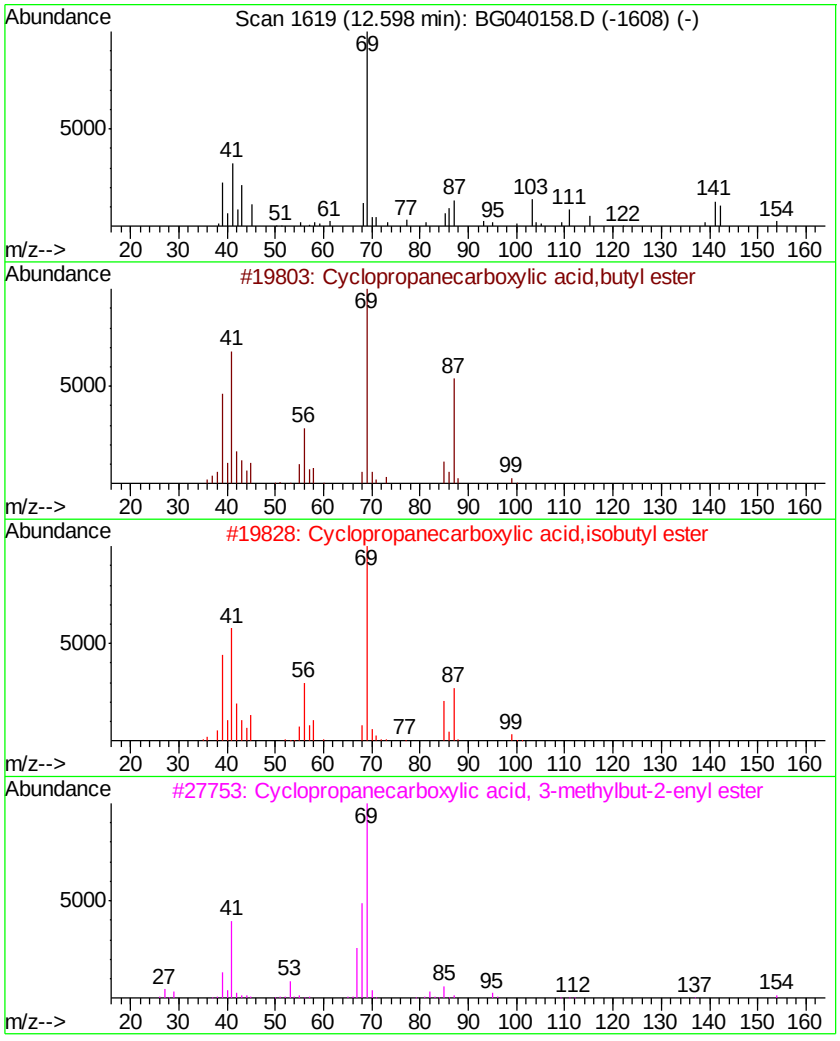
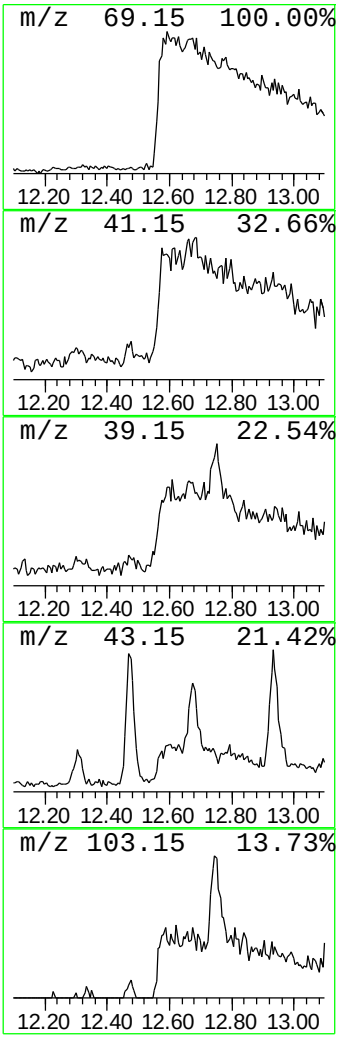
Peak Number 9 Cyclopropanecarboxylic acid... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	7.14 ng	149415	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid,butv...	142	C8H14O2	054947-39-6	59
2	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	53
3	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	38
4	4-Hexenoic acid, 2,5-dimethyl-	142	C8H14O2	082898-13-3	37
5	1,6-Heptadiene-4-carboxylic acid...	184	C10H16O3	183536-93-8	37





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ClientSampleId : MH-C05-SETTLED-1H-A

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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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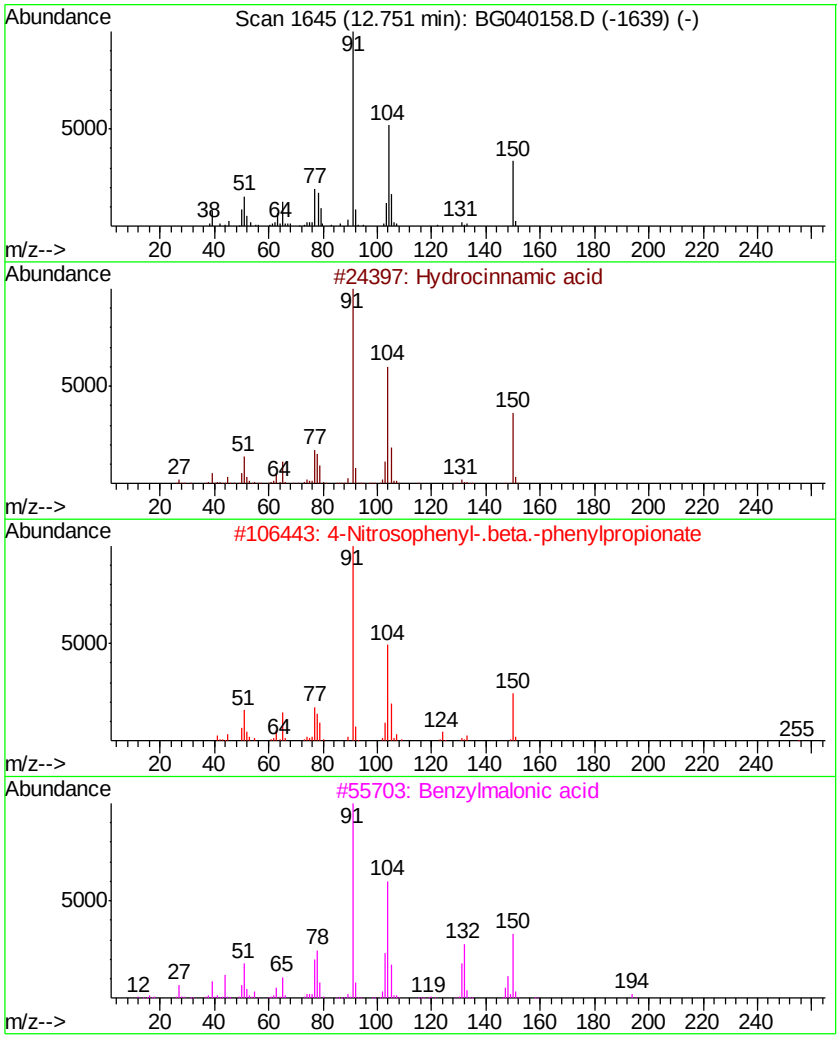
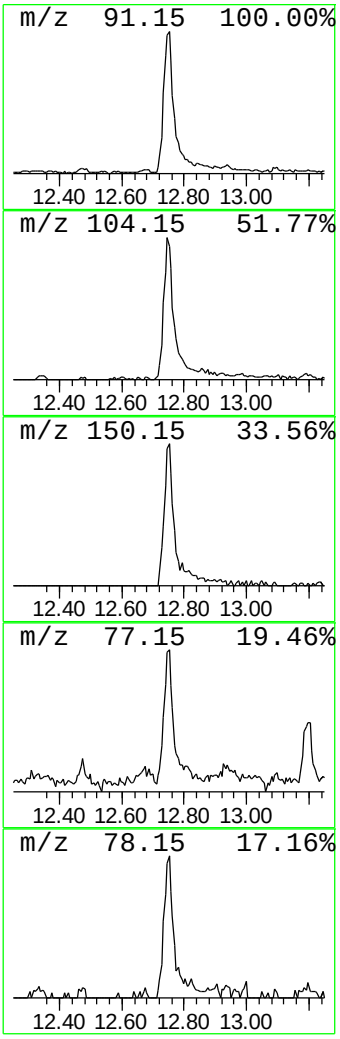
Peak Number 10 Hydrocinnamic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	7.55 ng	158030	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	90
3	Benzylmalonic acid	194	C10H10O4	000616-75-1	64
4	Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	58
5	.beta.-Phenylethyl butyrate	192	C12H16O2	000103-52-6	50





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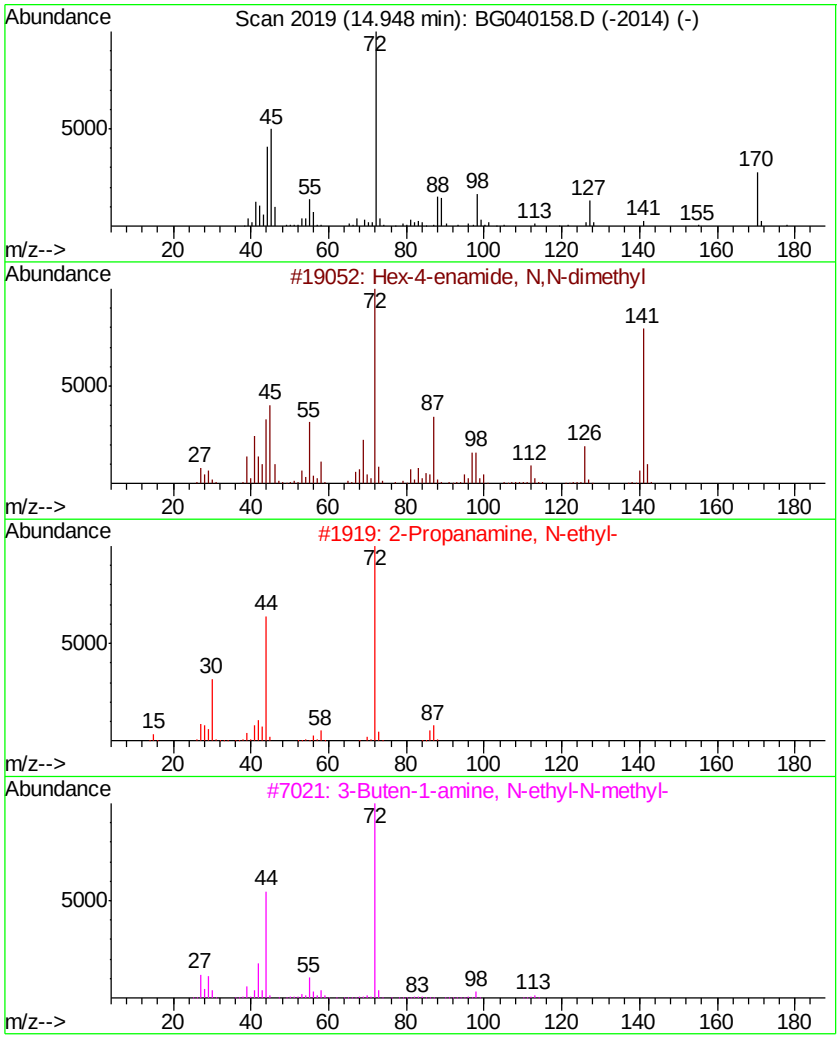
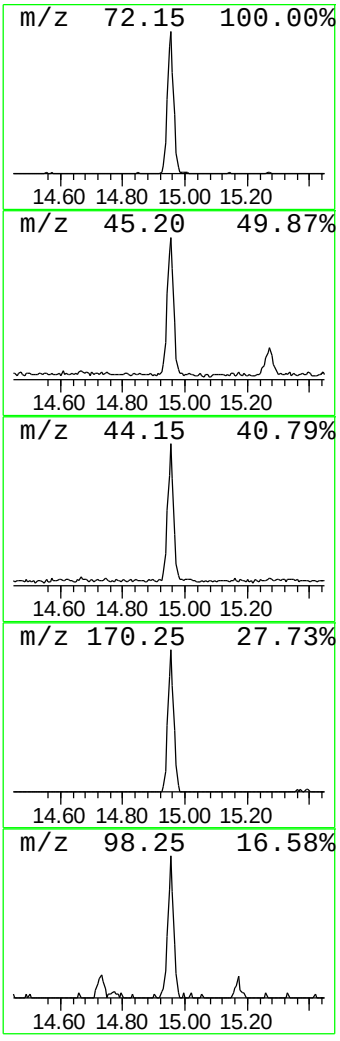
Peak Number 11 unknown14.95 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	6.49 ng	182853	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hex-4-enamide, N,N-dimethyl	141	C8H15NO	123456-20-2	36
2	2-Propanamine, N-ethyl-	87	C5H13N	019961-27-4	32
3	3-Buten-1-amine, N-ethyl-N-methyl-	113	C7H15N	061308-10-9	32
4	Ethanamine, N-ethyl-N-methyl-	87	C5H13N	000616-39-7	32
5	Urea, tetramethyl-	116	C5H12N2O	000632-22-4	32





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Sample : K2099-03
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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

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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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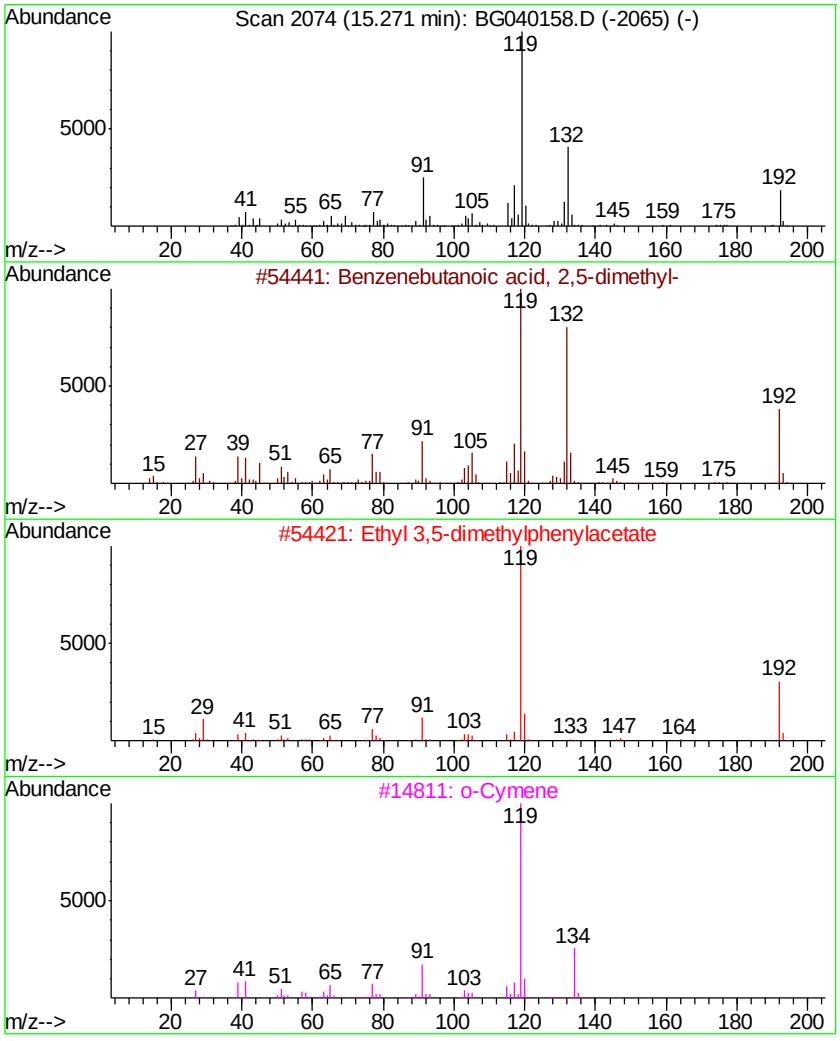
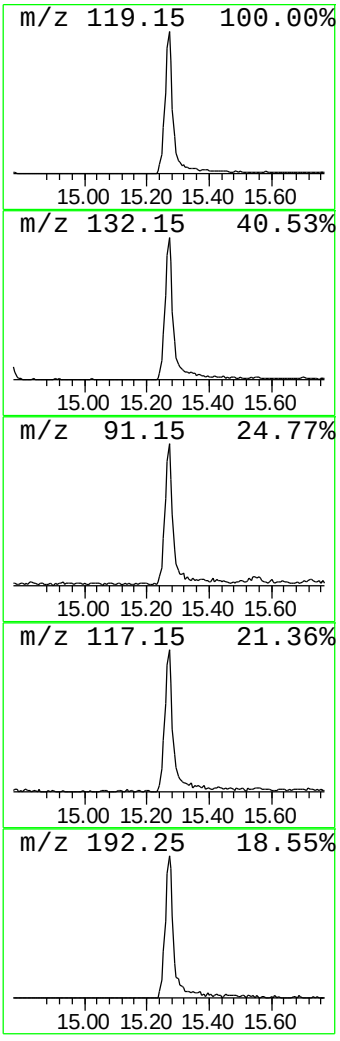
Peak Number 12 Benzenebutanoic acid, 2,5-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	21.15 ng	596102	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	55
2	Ethyl 3,5-dimethylphenylacetate	192	C12H16O2	105337-18-6	46
3	o-Cymene	134	C10H14	000527-84-4	46
4	4-Methylbenzoic acid, propargyl ...	174	C11H10O2	1000325-59-9	43
5	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	43





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

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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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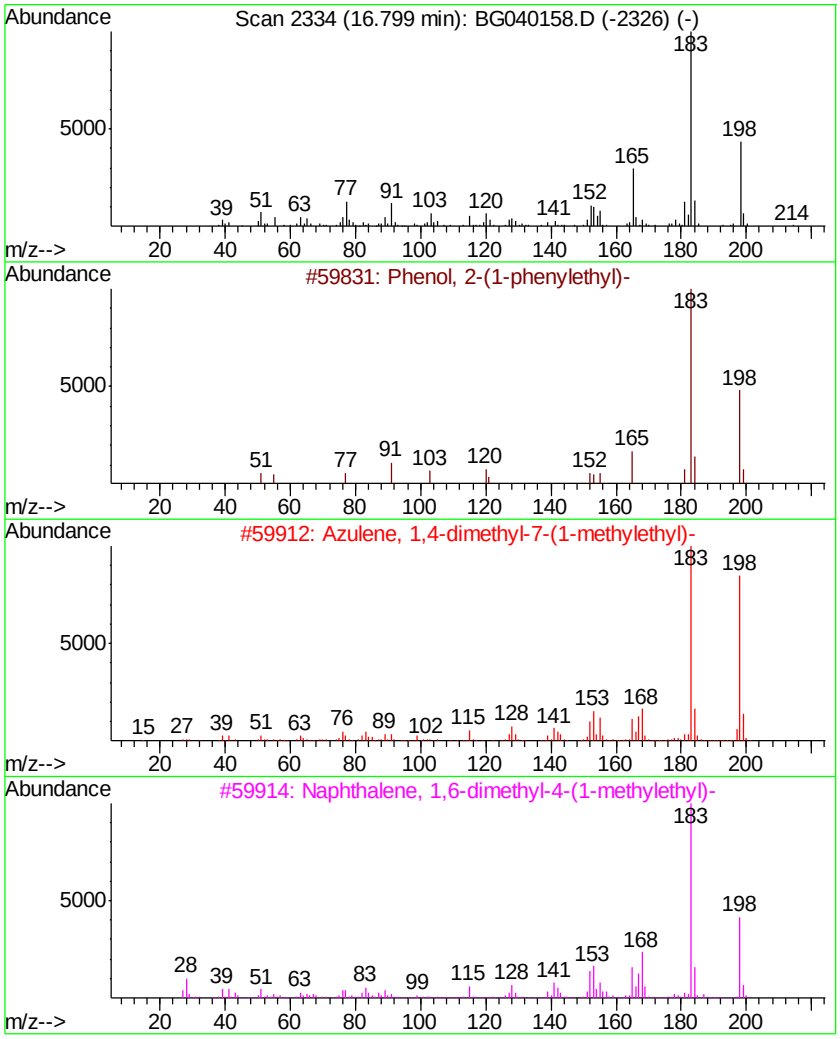
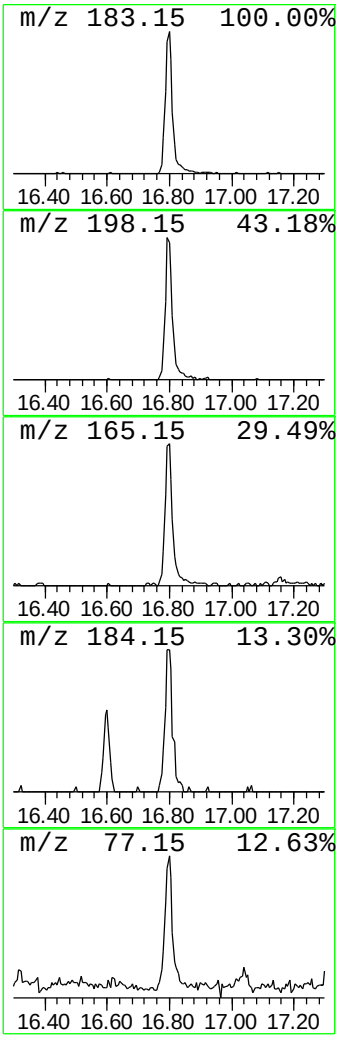
Peak Number 13 Phenol, 2-(1-phenylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	7.83 ng	264643	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	93
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	87
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	83
4	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	72
5	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	72





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ClientSampleId : MH-C05-SETTLED-1H-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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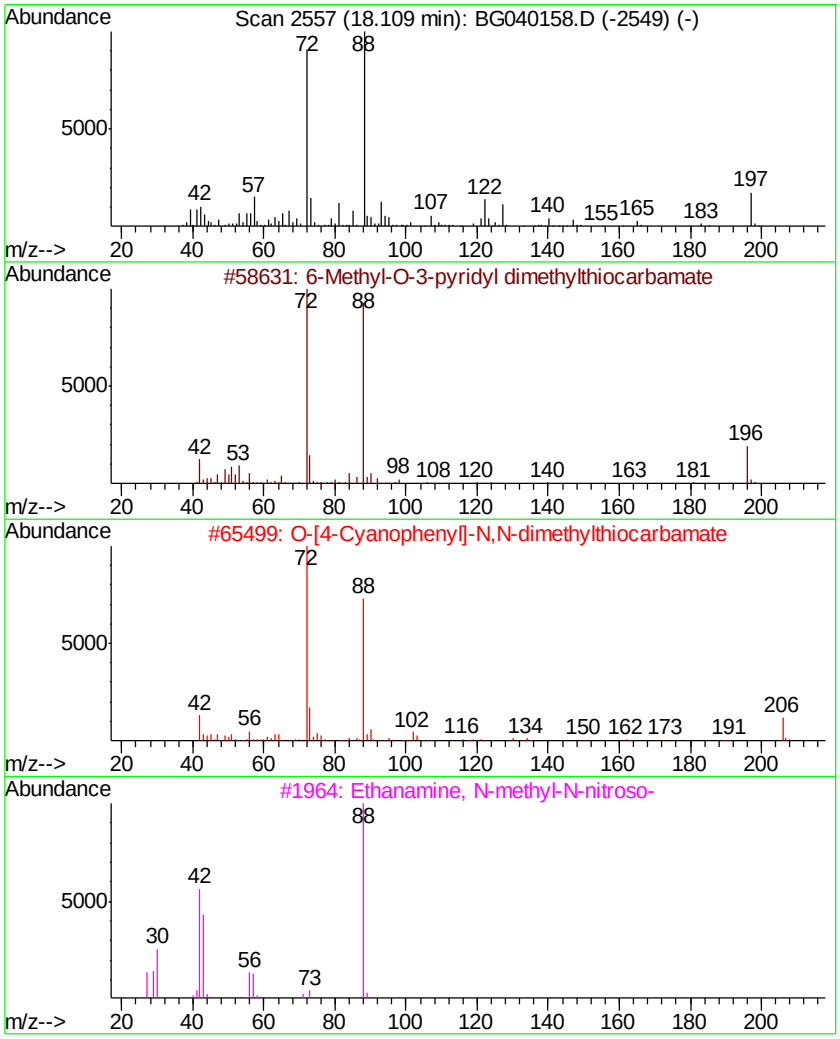
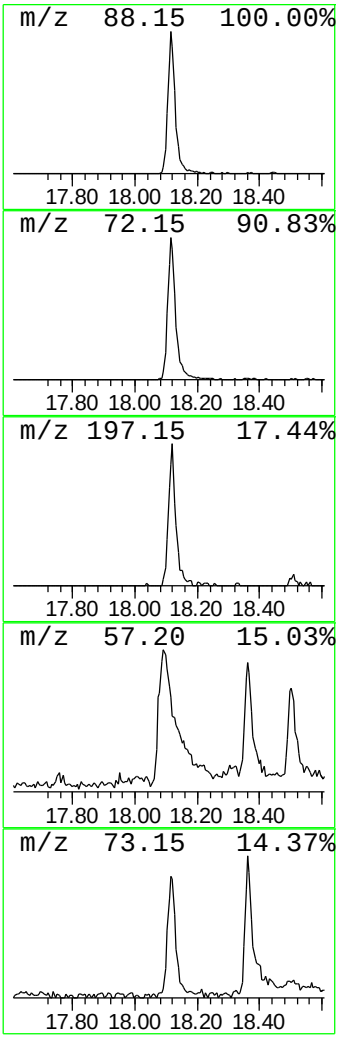
Peak Number 14 6-Methyl-O-3-pyridyl dimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	18.06 ng	610491	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-O-3-pyridyl dimethylthi...	196	C9H12N2OS	1000213-54-6	56
2	O-[4-Cyanophenyl]-N,N-dimethylth...	206	C10H10N2OS	1000212-25-8	50
3	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	27
4	Dimepheptanol	311	C21H29NO	000545-90-4	27
5	2-methylamino-1-(3,4-methylenedi...	221	C12H15NO3	017762-90-2	27





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Sample : K2099-03
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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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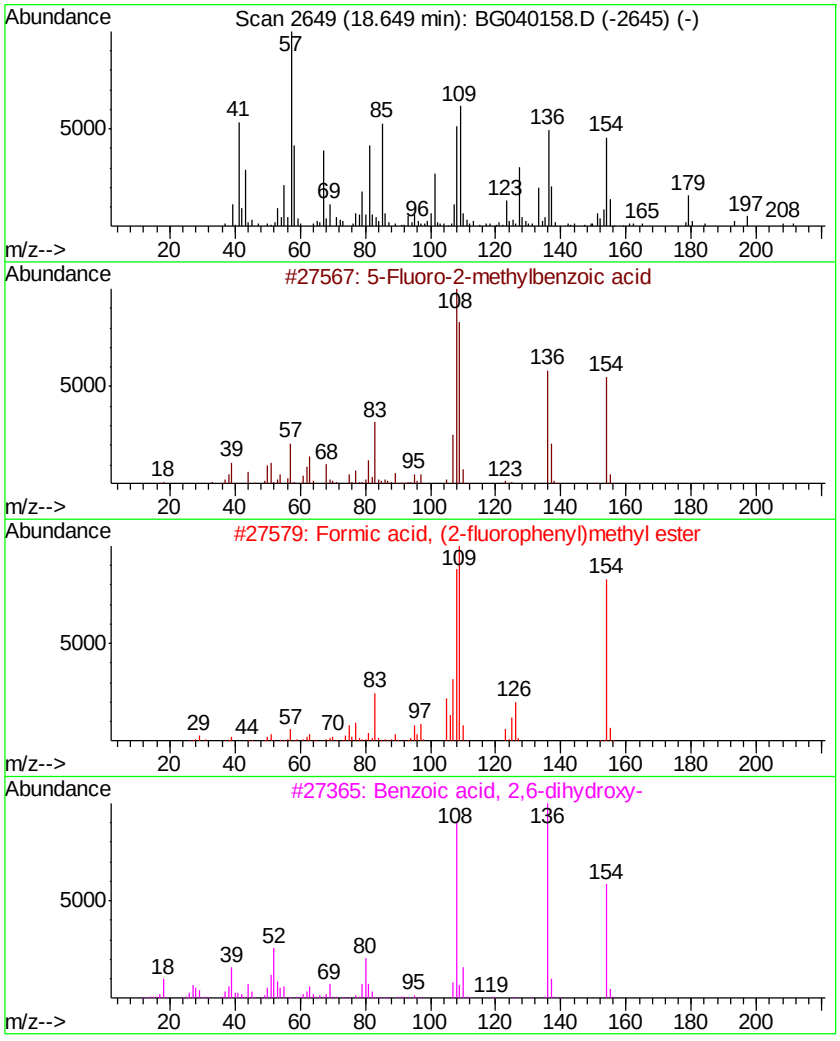
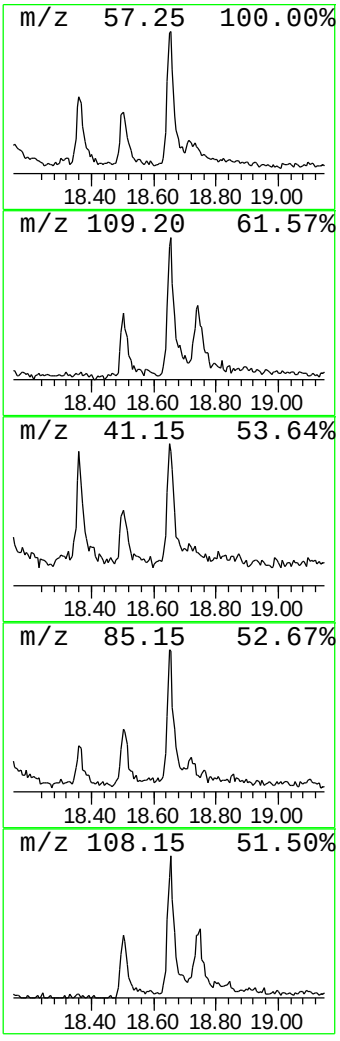
Peak Number 15 unknown18.65 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	6.90 ng	233334	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	38
2	Formic acid, (2-fluorophenyl)met...	154	C8H7FO2	1000368-73-6	30
3	Benzoic acid, 2,6-dihydroxy-	154	C7H6O4	000303-07-1	27
4	.beta.-Resorcylic acid	154	C7H6O4	000089-86-1	27
5	Phenacetin	179	C10H13NO2	000062-44-2	22





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Sample : K2099-03
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : MH-C05-SETTLED-1H-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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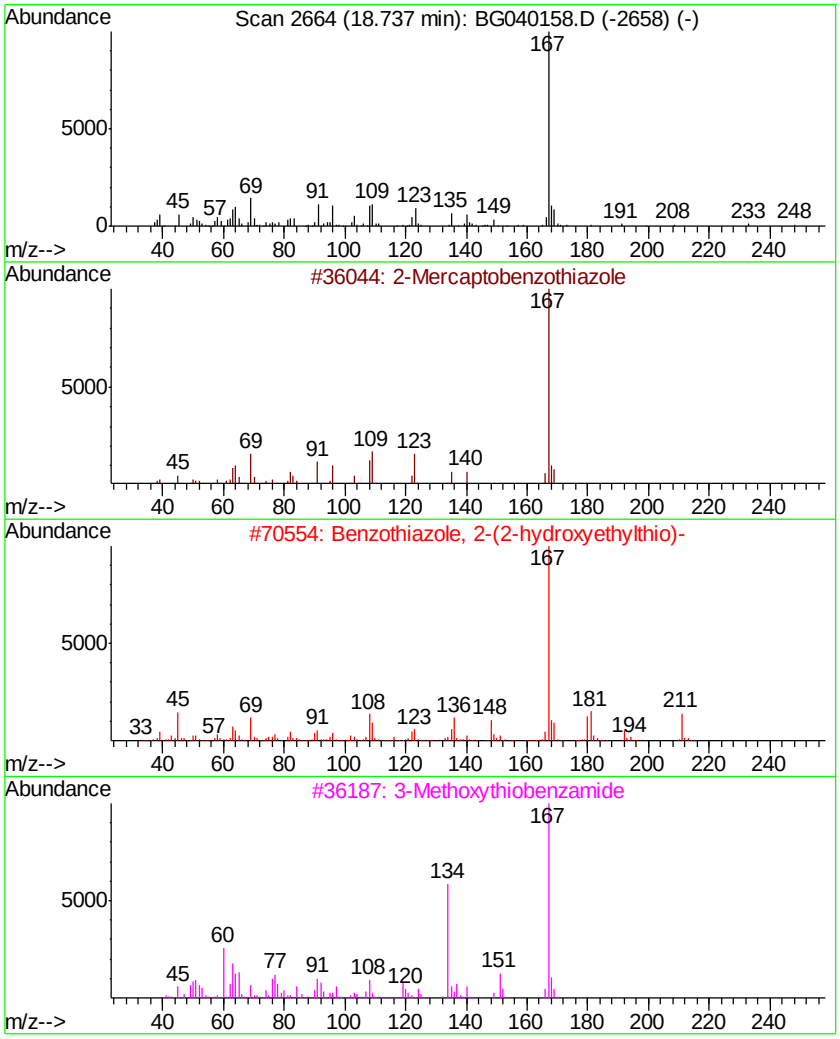
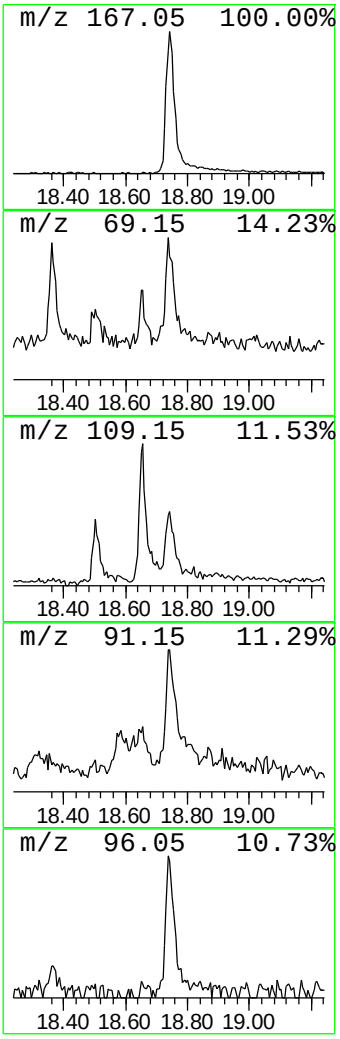
Peak Number 16 2-Mercaptobenzothiazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	6.21 ng	210017	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	64
3	3-Methoxythiobenzamide	167	C8H9NOS	064559-06-4	59
4	5-Fluoro-2-methyl-benzothiazole	167	C8H6FNS	000399-75-7	59
5	Thioguanine	167	C5H5N5S	000154-42-7	59





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ClientSampleId : MH-C05-SETTLED-1H-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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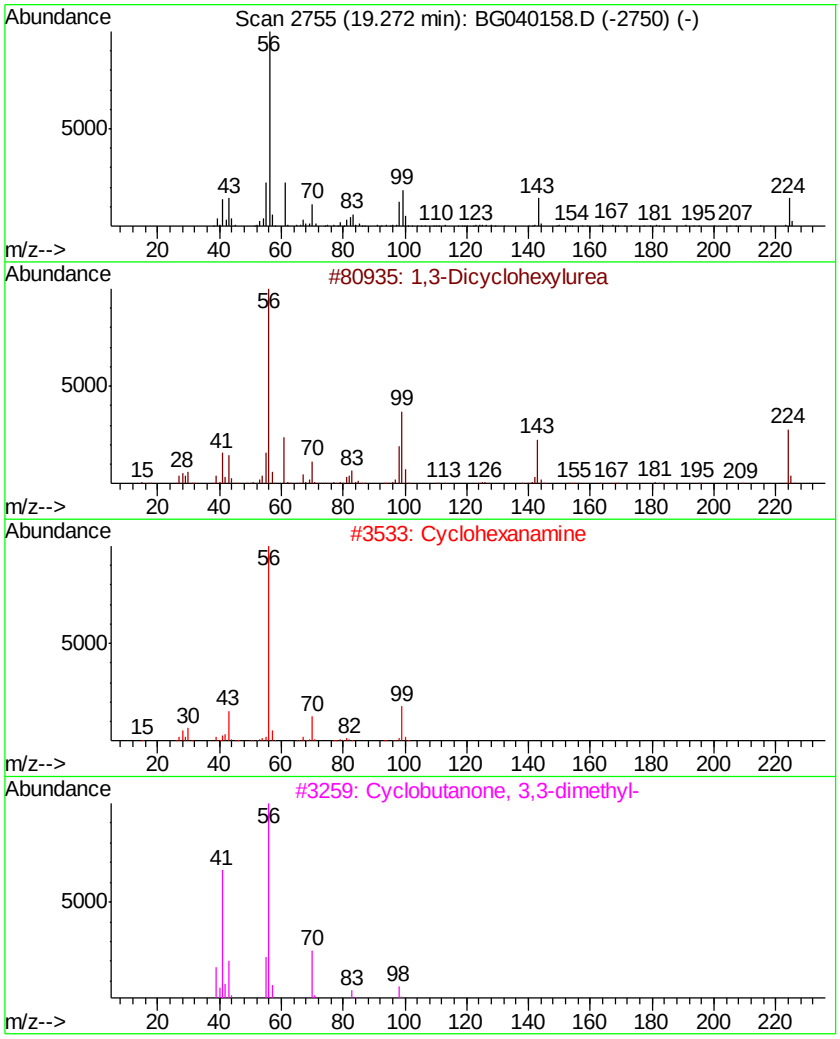
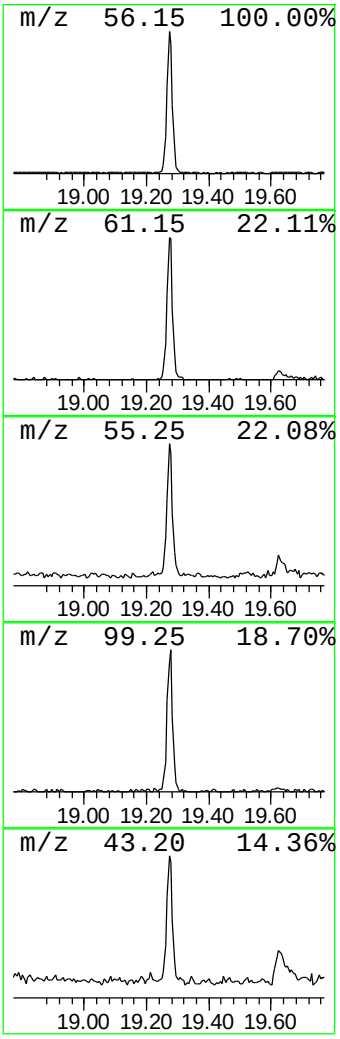
Peak Number 17 1,3-Dicyclohexylurea Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	7.51 ng	253831	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dicyclohexylurea	224	C13H24N2O	002387-23-7	94
2	Cyclohexanamine	99	C6H13N	000108-91-8	50
3	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	37
4	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	37
5	Cyclohexanecarboxylic acid, 2-am...	143	C7H13NO2	005691-19-0	33





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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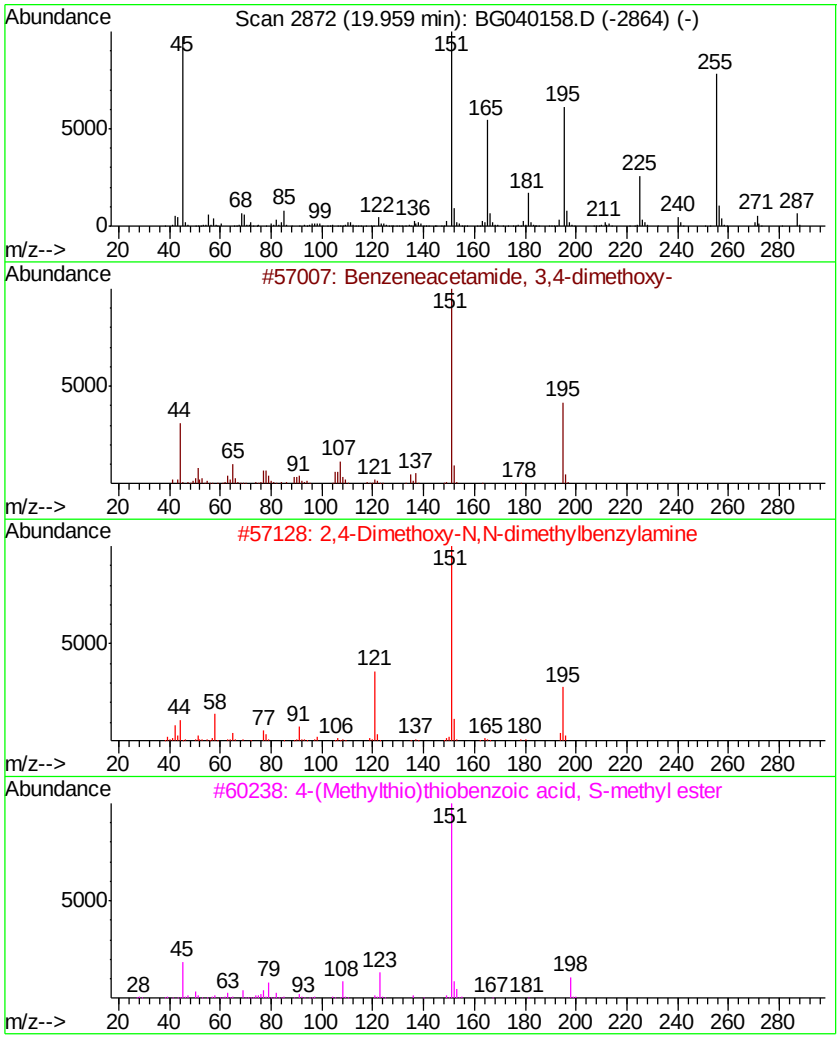
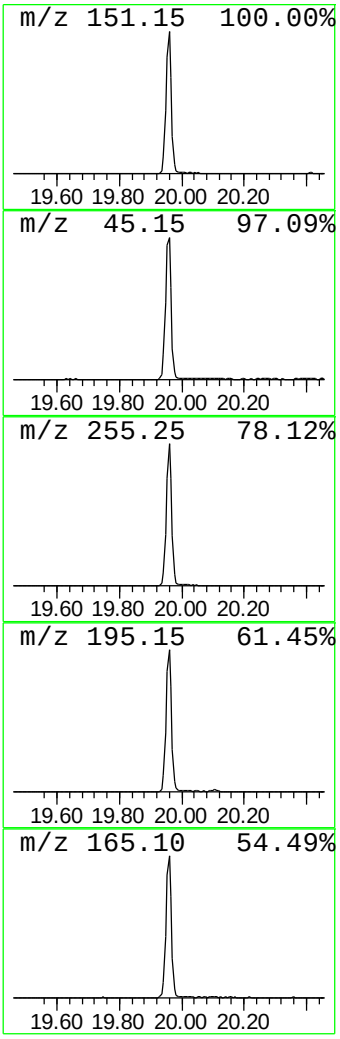
Peak Number 18 unknown19.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	33.51 ng	1297480	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, 3,4-dimethoxy-	195	C10H13NO3	005663-56-9	22
2	2,4-Dimethoxy-N,N-dimethylbenzyl...	195	C11H17NO2	056129-58-9	22
3	4-(Methylthio)thiobenzoic acid, ...	198	C9H10OS2	1000192-53-9	12
4	Acridine, 9-phenyl-	255	C19H13N	000602-56-2	10
5	Benzoic acid, 3,4-dimethoxy-, tr...	254	C12H18O4Si	002078-16-2	10





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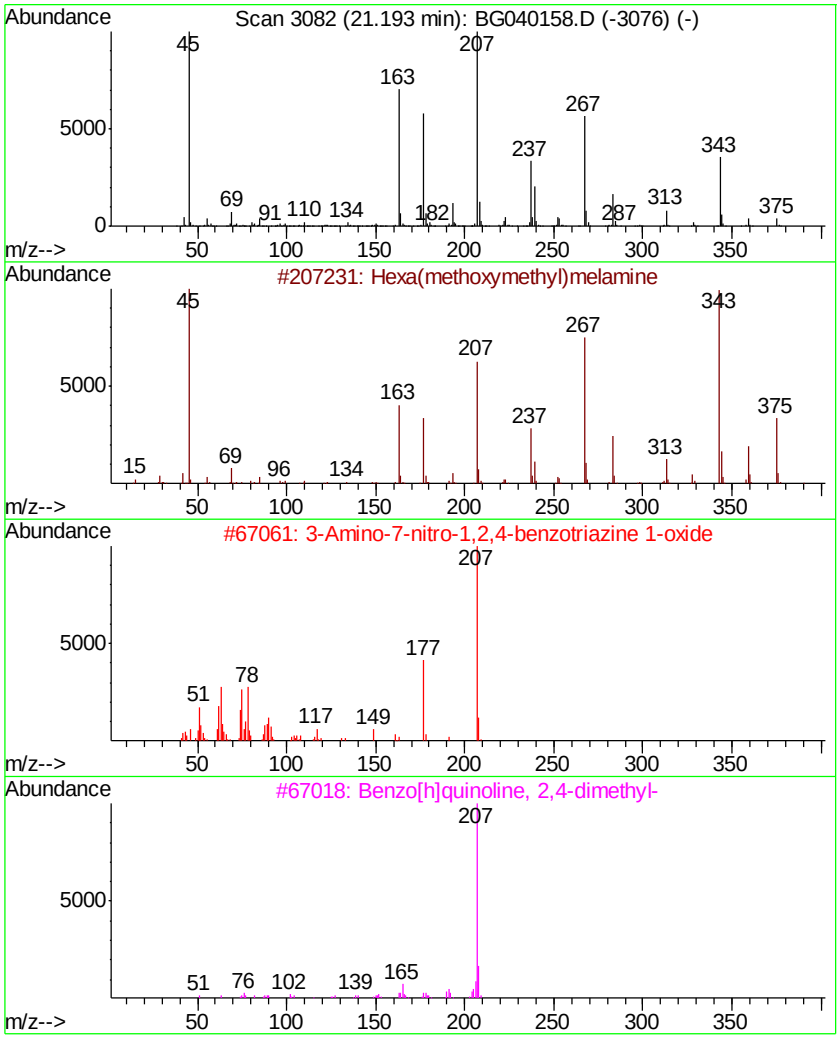
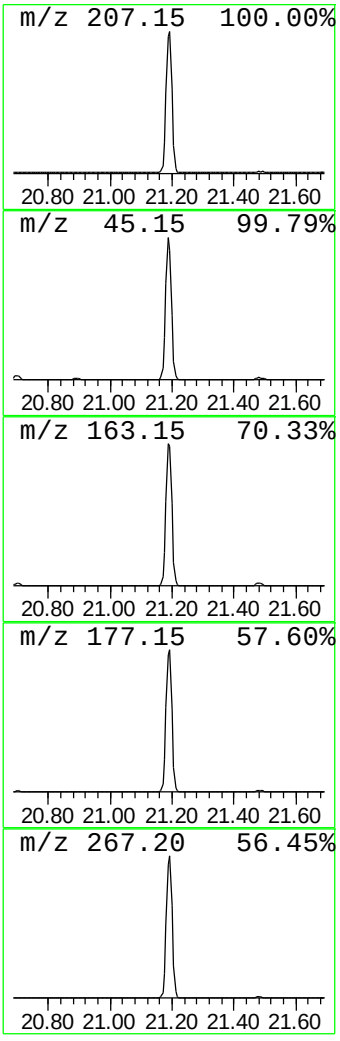
Peak Number 19 unknown21.19 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	55.75 ng	2158470	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexa(methoxymethyl)melamine	390	C15H30N6O6	068002-20-0	47
2	3-Amino-7-nitro-1,2,4-benzotriaz...	207	C7H5N5O3	1000256-54-1	22
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	12
4	4-(3-Hydroxy-2,6,6-trimethylcycl...	222	C14H22O2	097306-57-5	11
5	2-Amino-4-hydroxy-6,8-dimethyl-7...	207	C8H9N5O2	025477-64-9	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040158.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

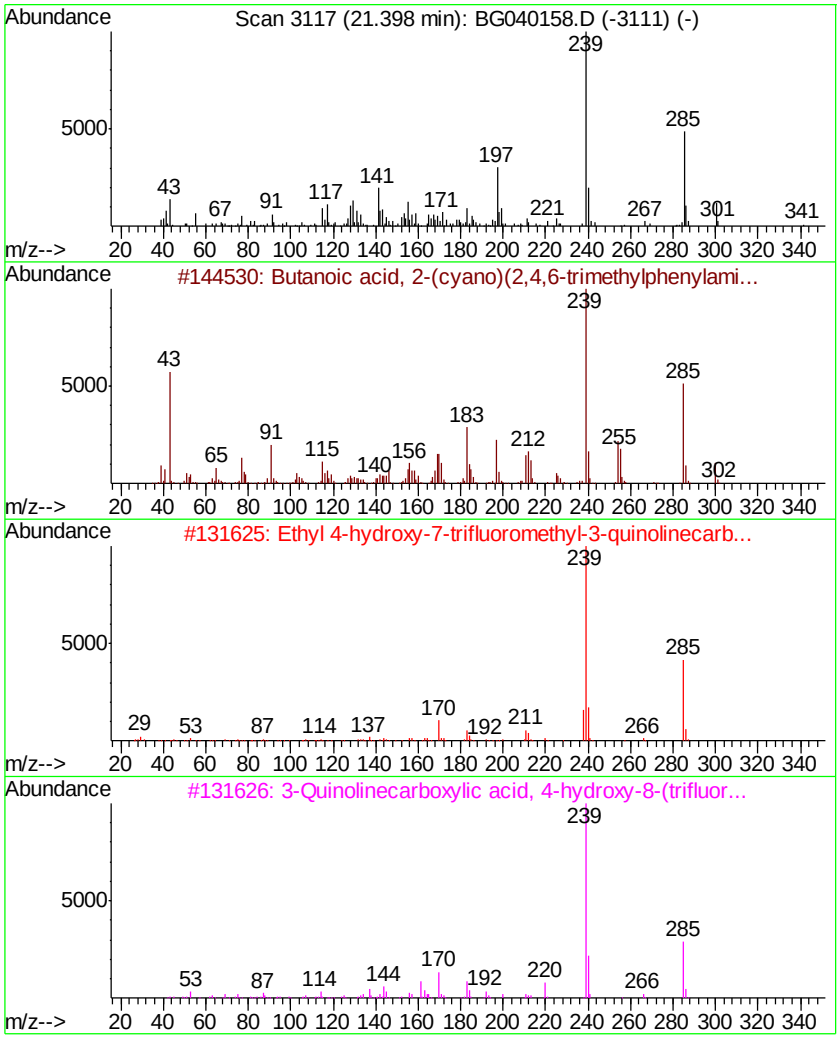
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

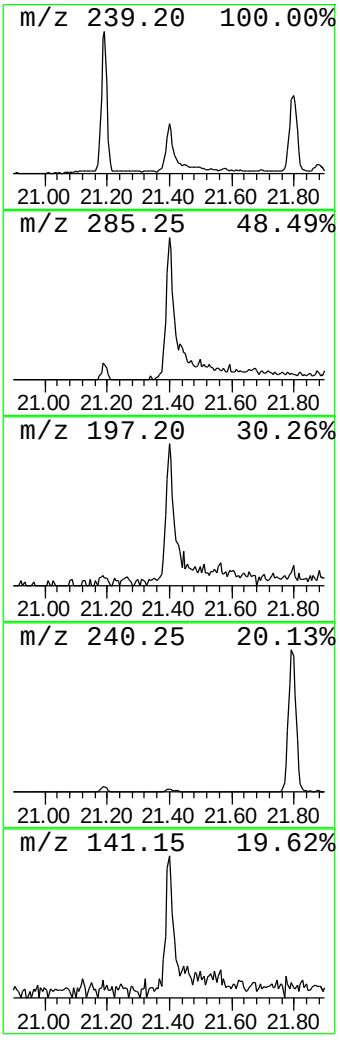
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Butanoic acid, 2-(cyano)(2,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.97 ng	192314	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	74
2	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	58
3	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	38
4	Silane, diphenyl(2-methoxyethoxy...	316	C18H24O3Si	1000367-72-1	37
5	Heptamethyl-3-phenyl-1,4-cyclohe...	254	C19H26	122531-52-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
Data File : BG040158.D
Acq On : 26 Mar 2019 22:18
Operator : JU/SJ
Sample : K2099-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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
Butane, 2-methoxy...	3.27	62.1	ng	942967	1	8.14	303444	20.0
Cyclopentanone, 2...	6.18	6.1	ng	92285	1	8.14	303444	20.0
unknown7.66	7.66	59.0	ng	894665	1	8.14	303444	20.0
N-(1,1-Dimethyl-2...	8.80	13.4	ng	202766	1	8.14	303444	20.0
Hexanoic acid, 2-...	9.43	6.0	ng	91747	1	8.14	303444	20.0
Formamide, N-cycl...	11.93	6.3	ng	131422	2	10.96	418404	20.0
Cyclopropanecarbo...	12.60	7.1	ng	149415	2	10.96	418404	20.0
Hydrocinnamic acid	12.75	7.5	ng	158030	2	10.96	418404	20.0
unknown14.95	14.95	6.5	ng	182853	3	14.77	563582	20.0
Benzenebutanoic a...	15.27	21.1	ng	596102	3	14.77	563582	20.0
Phenol, 2-(1-phen...	16.80	7.8	ng	264643	4	17.51	676233	20.0
6-Methyl-O-3-pyri...	18.11	18.1	ng	610491	4	17.51	676233	20.0
unknown18.65	18.65	6.9	ng	233334	4	17.51	676233	20.0
2-Mercaptobenzoth...	18.74	6.2	ng	210017	4	17.51	676233	20.0
1,3-Dicyclohexylurea	19.27	7.5	ng	253831	4	17.51	676233	20.0
unknown19.96	19.96	33.5	ng	1297480	5	21.79	774318	20.0
unknown21.19	21.19	55.8	ng	2158470	5	21.79	774318	20.0
Butanoic acid, 2-...	21.40	5.0	ng	192314	5	21.79	774318	20.0