LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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_F\METHODS\8270-BF032519.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	4.881	473	475	482	rBV	73398	83011	1.87%	0.185%
2	5.163	510	523	527	rBV2	27691	56762	1.28%	0.126%
3	5.275	539	542	546	rBV	79279	108459	2.44%	0.241%
4	5.316	546	549	561	rVB	1147915	1187390	26.73%	2.641%
5	5.481	573	577	583	rBV2	48564	85930	1.93%	0.191%
6	5.557	583	590	601	rVB2	298710	362864	8.17%	0.807%
7	5.981	658	662	665	rBV	173233	154724	3.48%	0.344%
8	6.345	720	724	731	rBV	750479	814683	18.34%	1.812%
9	6.404	731	734	742	rVV2	45349	56241	1.27%	0.125%
10	6.475	742	746	751	rVV	2455021	2365583	53.26%	5.261%
11	6.545	755	758	760	rVV	66413	82652	1.86%	0.184%
12	6.569	760	762	769	rVB	218968	187341	4.22%	0.417%
13	6.698	781	784	794	rBV	1109153	1078830	24.29%	2.399%
14	6.781	794	798	803	rBV2	217406	326228	7.34%	0.726%
15	6.857	807	811	821	rVB	3403438	3211532	72.30%	7.142%
16	7.063	844	846	851	rBV	224870	194314	4.37%	0.432%
17	7.133	856	858	871	rVB6	23254	49110	1.11%	0.109%
18	7.269	875	881	884	rBV	2403288	2712767	61.07%	6.033%
19	7.298	884	886	889	rVB	179221	135582	3.05%	0.302%
20	7.404	898	904	910	rBV	149213	207657	4.68%	0.462%
21	7.486	915	918	920	rVB	62453	53188	1.20%	0.118%
22	7.522	920	924	932	rBV	410378	498391	11.22%	1.108%
23	7.698	950	954	956	rBV3	72275	98515	2.22%	0.219%
24	7.728	956	959	962	rVB	235425	199236	4.49%	0.443%
25	7.786	966	969	972	rBV	87004	83179	1.87%	0.185%
26	7.892	983	987	990	rBV	223756	280797	6.32%	0.624%
27	7.928	990	993	999	rVV2	537433	606910	13.66%	1.350%
28	7.980	999	1002	1005	rVV	1240764	1222902	27.53%	2.720%
29	8.016	1005	1008	1015	rVB	2230041	2050229	46.16%	4.560%
30	8.116	1021	1025	1027	rBV	191711	162442	3.66%	0.361%
31	8.257	1045	1049	1051	rBV	249334	260251	5.86%	0.579%
32	8.286	1051	1054	1060	rVB	476881	435858	9.81%	0.969%
33	8.404	1070	1074	1083	rBV	235991	290390	6.54%	0.646%
34	8.569	1099	1102	1108	rVB2	84190	103751	2.34%	0.231%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.645	1112	1115	1119	rBV	155741	125253	2.82%	0.279%
36	8.698	1121	1124	1127	rBV	193976	218347	4.92%	0.486%
37	8.727	1127	1129	1133	rVV2	179373	177026	3.99%	0.394%
38	8.786	1136	1139	1146	rVB3	246908	290267	6.53%	0.646%
39	8.851	1146	1150	1155	rBV2	108676	130010	2.93%	0.289%
40	8.963	1165	1169	1176	rBV2	55910	106153	2.39%	0.236%
41	9.063	1181	1186	1189	rBV	4304436	4441782	100.00%	9.878%
42	9.145	1196	1200	1209	rVB3	174335	204228	4.60%	0.454%
43	9.451	1248	1252	1253	rBV	137002	112633	2.54%	0.250%
44	9.498	1257	1260	1267	rVB3	69134	93060	2.10%	0.207%
45	9.563	1267	1271	1277	rBV	189442	180279	4.06%	0.401%
46	9.651	1280	1286	1294	rBV3	46563	144441	3.25%	0.321%
47	9.733	1294	1300	1306	rVV	1390751	1336751	30.09%	2.973%
48	9.833	1314	1317	1325	rVB	381467	326934	7.36%	0.727%
49	9.898	1325	1328	1332	rVB	86350	77016	1.73%	0.171%
50	10.010	1343	1347	1355	rBV	663024	788864	17.76%	1.754%
51	10.139	1366	1369	1374	rVB2	134212	133615	3.01%	0.297%
52	10.233	1379	1385	1391	rBV4	79212	123282	2.78%	0.274%
53	10.363	1403	1407	1410	rBV2	103877	101269	2.28%	0.225%
54	10.516	1429	1433	1437	rBV	1806123	1672611	37.66%	3.720%
55	10.557	1437	1440	1443	rVB	100830	105580	2.38%	0.235%
56	10.669	1457	1459	1465	rVB6	65447	86707	1.95%	0.193%
57	10.745	1469	1472	1479	rVB4	60337	82276	1.85%	0.183%
58	10.821	1481	1485	1495	rBV	477042	491767	11.07%	1.094%
59	10.957	1505	1508	1512	rBV	147672	124400	2.80%	0.277%
60	11.127	1534	1537	1540	rBV	97331	95295	2.15%	0.212%
61	11.210	1545	1551	1558	rBV	1526500	1493381	33.62%	3.321%
62	11.568	1607	1612	1624	rBV2	560027	1061531	23.90%	2.361%
63	11.686	1628	1632	1639	rVV	51787	103404	2.33%	0.230%
64	11.751	1639	1643	1650	rVV	569908	591602	13.32%	1.316%
65	11.816	1650	1654	1664	rVV2	357862	491163	11.06%	1.092%
66	11.904	1664	1669	1674	rVV	598627	639570	14.40%	1.422%
67	11.945	1674	1676	1689	rVB3	98723	190201	4.28%	0.423%
68	12.263	1726	1730	1733	rBV	203362	186700	4.20%	0.415%
69	12.457	1758	1763	1771	rBV6	46016	112709	2.54%	0.251%
70	12.533	1771	1776	1790	rBV	1443184	1735909	39.08%	3.861%
71	12.721	1805	1808	1812	rVB	157799	133463	3.00%	0.297%

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Misc :
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Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.792	1815	1820	1823	rBV	3174514	3166977	71.30%	7.043%
73	13.557	1946	1950	1954	rBV	937070	756703	17.04%	1.683%
74	13.639	1961	1964	1971	rBV	78491	102886	2.32%	0.229%
75	13.727	1974	1979	1990	rVB3	115040	220664	4.97%	0.491%
76	13.833	1993	1997	2003	rBV	875453	846179	19.05%	1.882%
77	14.309	2073	2078	2083	rBV2	77967	87718	1.97%	0.195%
78	14.604	2125	2128	2133	rVB	124707	115799	2.61%	0.258%
79	14.915	2177	2181	2187	rBV	132265	138610	3.12%	0.308%
80	15.233	2230	2235	2239	rBV	762863	978980	22.04%	2.177%
81	15.662	2303	2308	2314	rBV	97630	144500	3.25%	0.321%
82	16.121	2381	2386	2392	rVB	56814	89591	2.02%	0.199%

Sum of corrected areas: 44965785

LSC Report - Integrated Chromatogram

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Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
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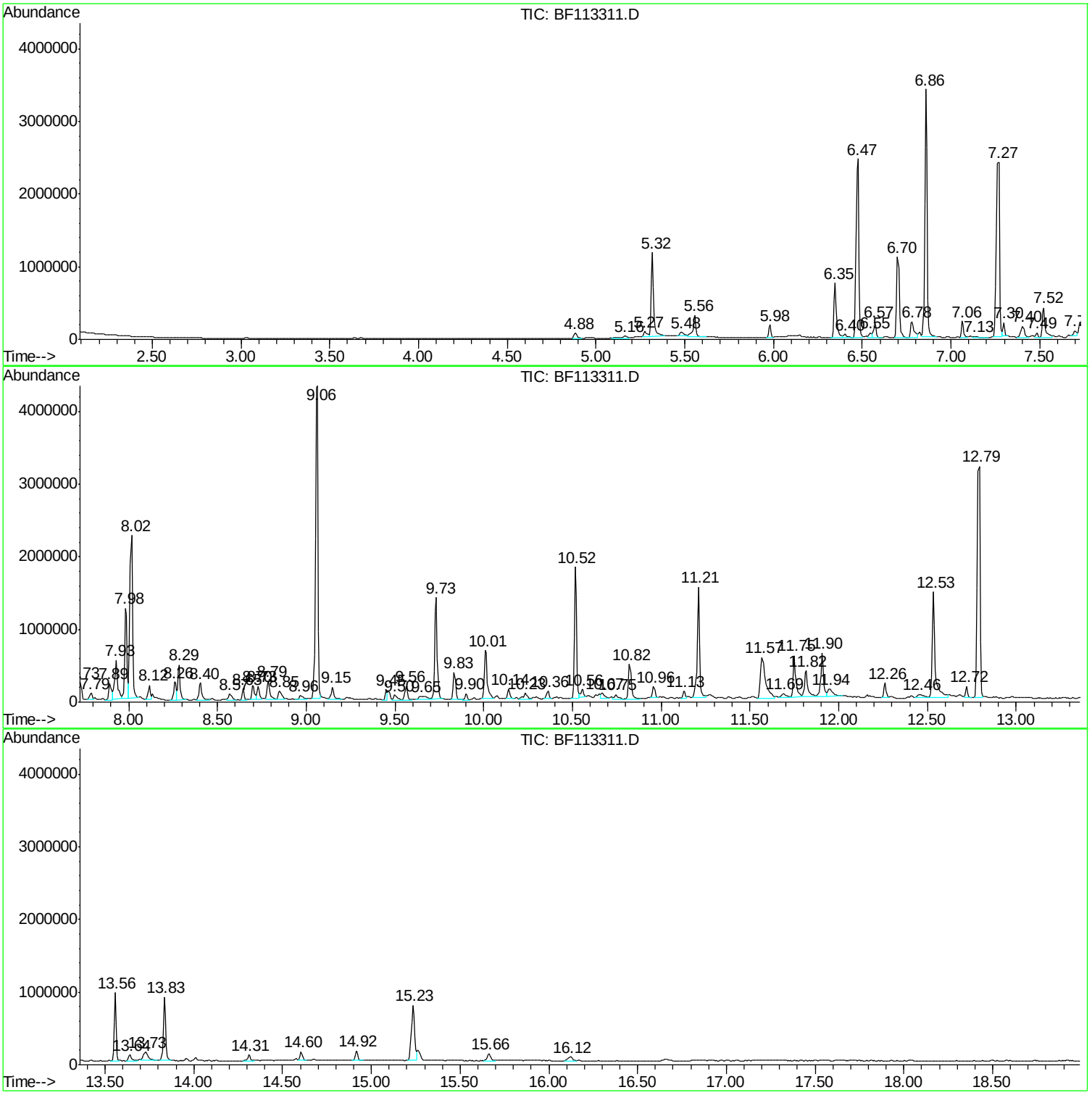
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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 F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

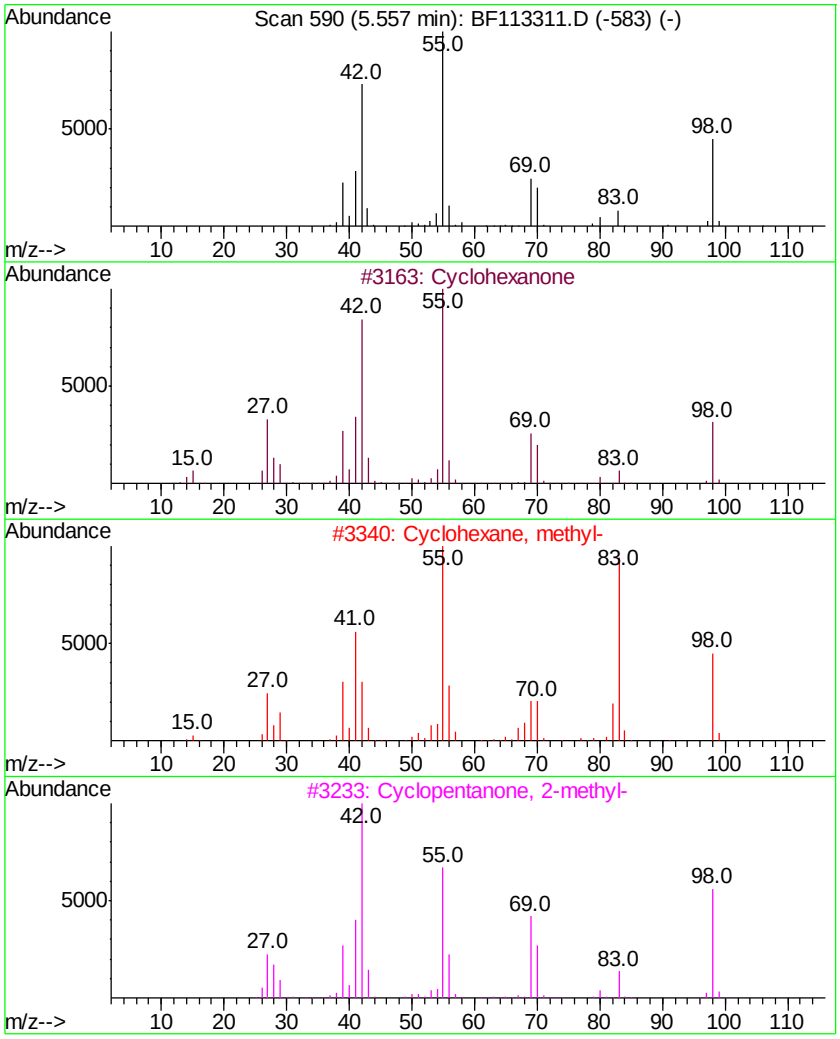
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

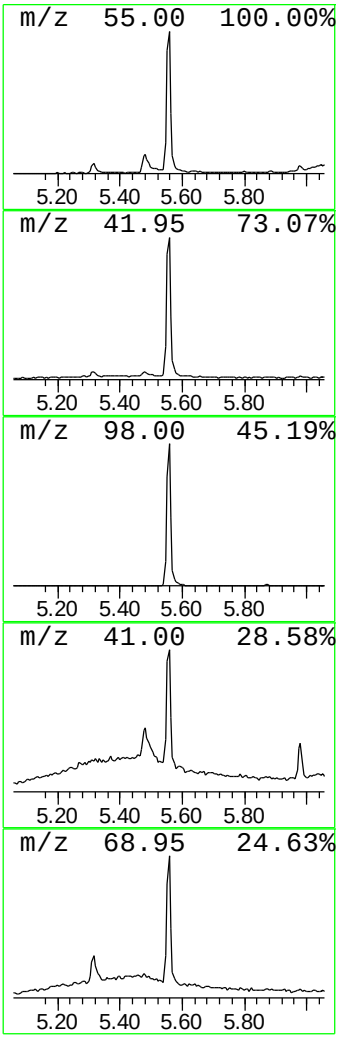
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	6.73 ng	362864	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	91
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	59
3	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	50
4	6-Oxa-bicyclo[3.1.0]hexan-3-one	98	C5H6O2	074017-10-0	47
5	1-Pentene	70	C5H10	000109-67-1	35





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

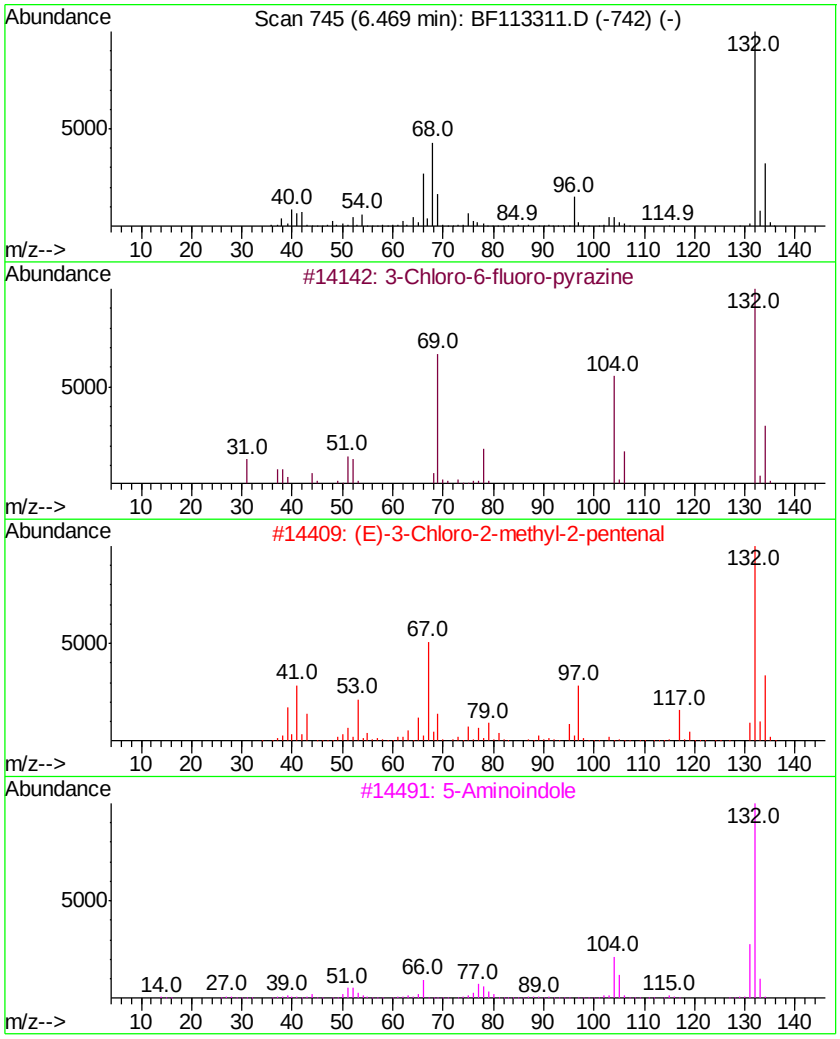
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

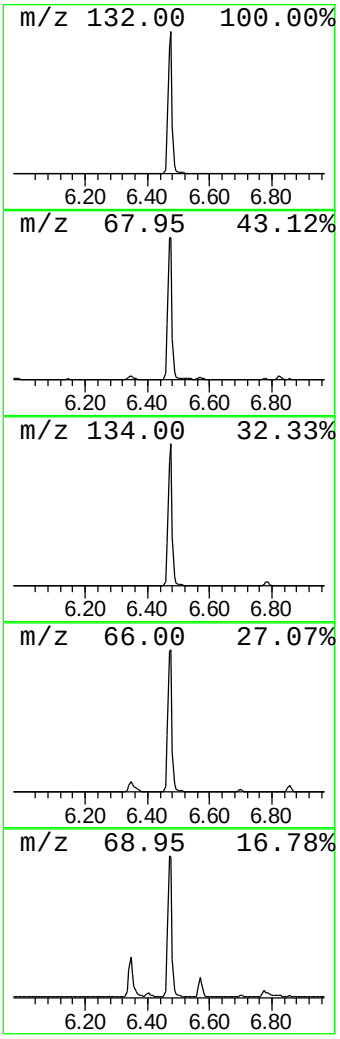
****

Peak Number 2 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	43.85 ng	2365580	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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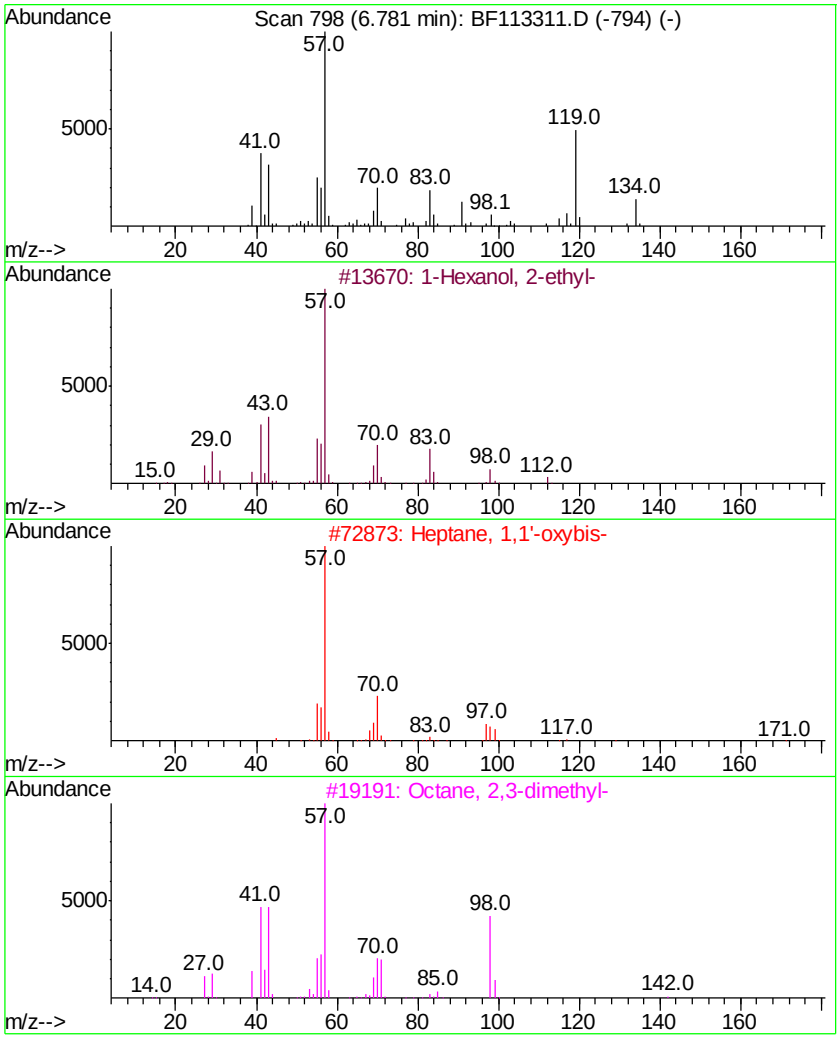
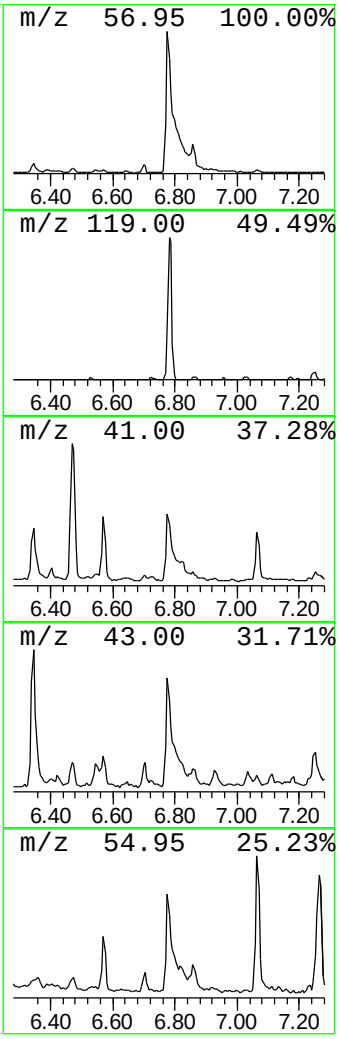
****

Peak Number 3 unknown6.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	6.05 ng	326228	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	35
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35
4	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	32
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	27





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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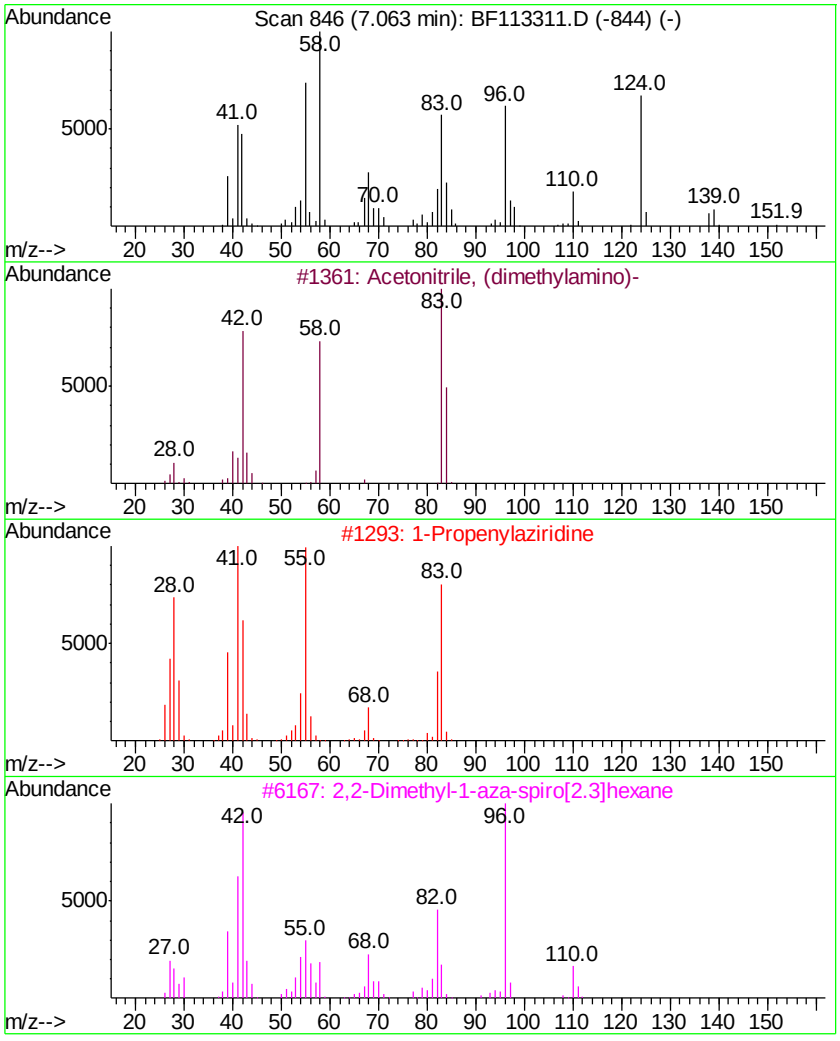
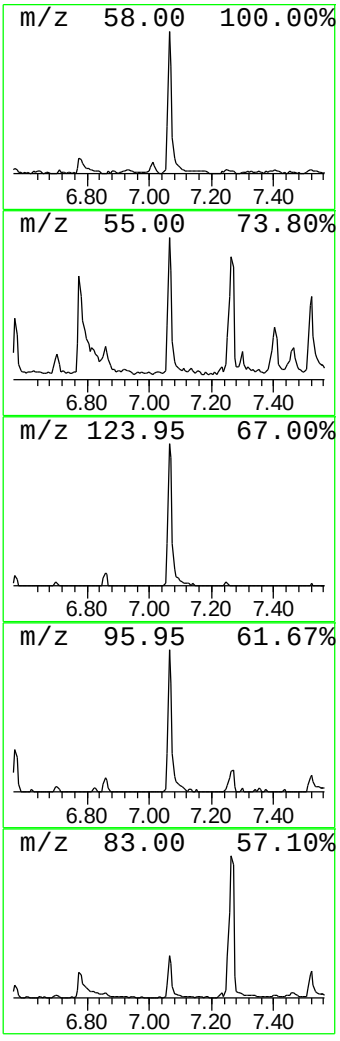
Peak Number 5 unknown7.06 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	3.60 ng	194314	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, (dimethylamino)-	84	C4H8N2	000926-64-7	43
2	1-Propenylaziridine	83	C5H9N	1000192-51-0	35
3	2,2-Dimethyl-1-aza-spiro[2.3]hexane	111	C7H13N	1000194-19-9	25
4	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	22
5	N-[2-Cyanoethyl]-2-mercapto-2-me...	158	C7H14N2S	1000257-03-6	14





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Acq On : 27 Mar 2019 00:49
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Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

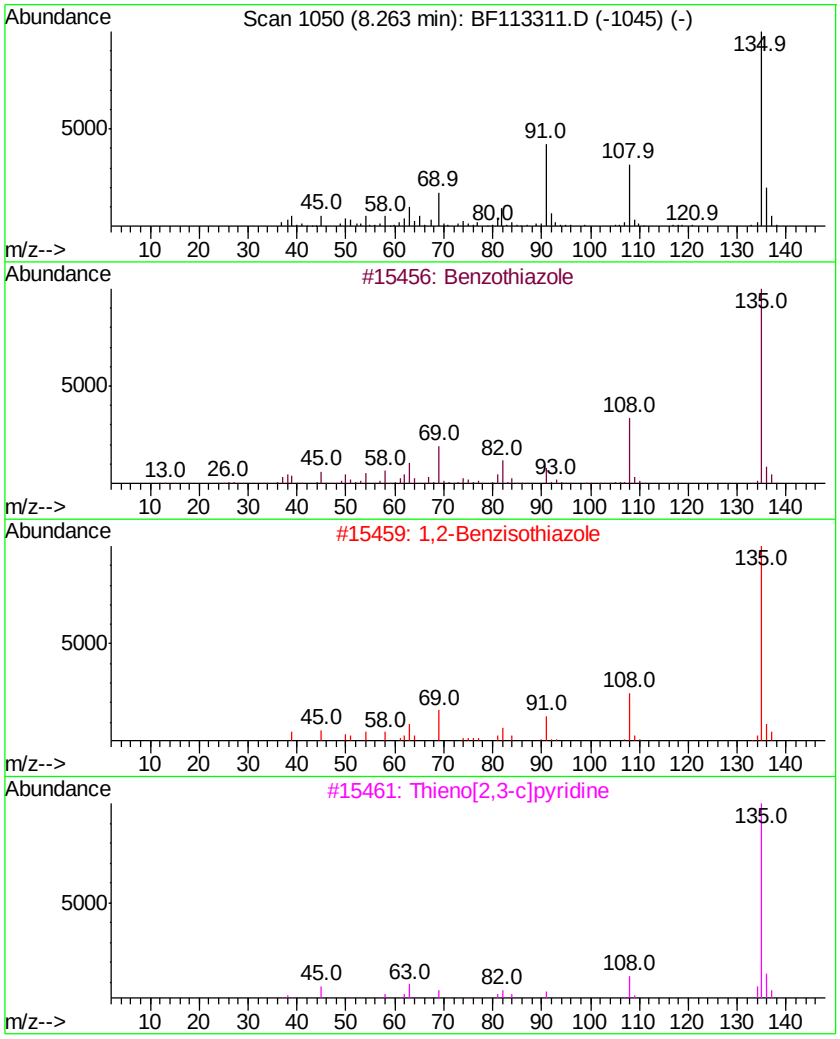
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

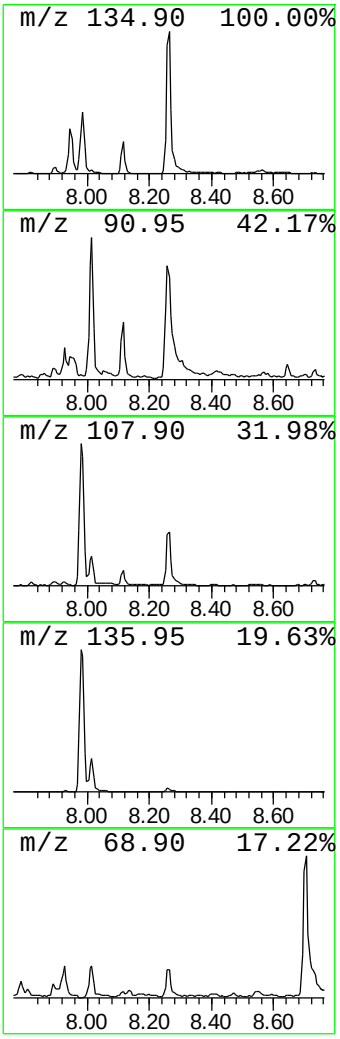
****

Peak Number 6 Benzothiazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	4.26 ng	260251	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	93
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	87
3	Thieno[2,3-c]pyridine	135	C7H5NS	000272-12-8	72
4	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	59
5	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	47





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Data File : BF113311.D
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Misc :
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Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

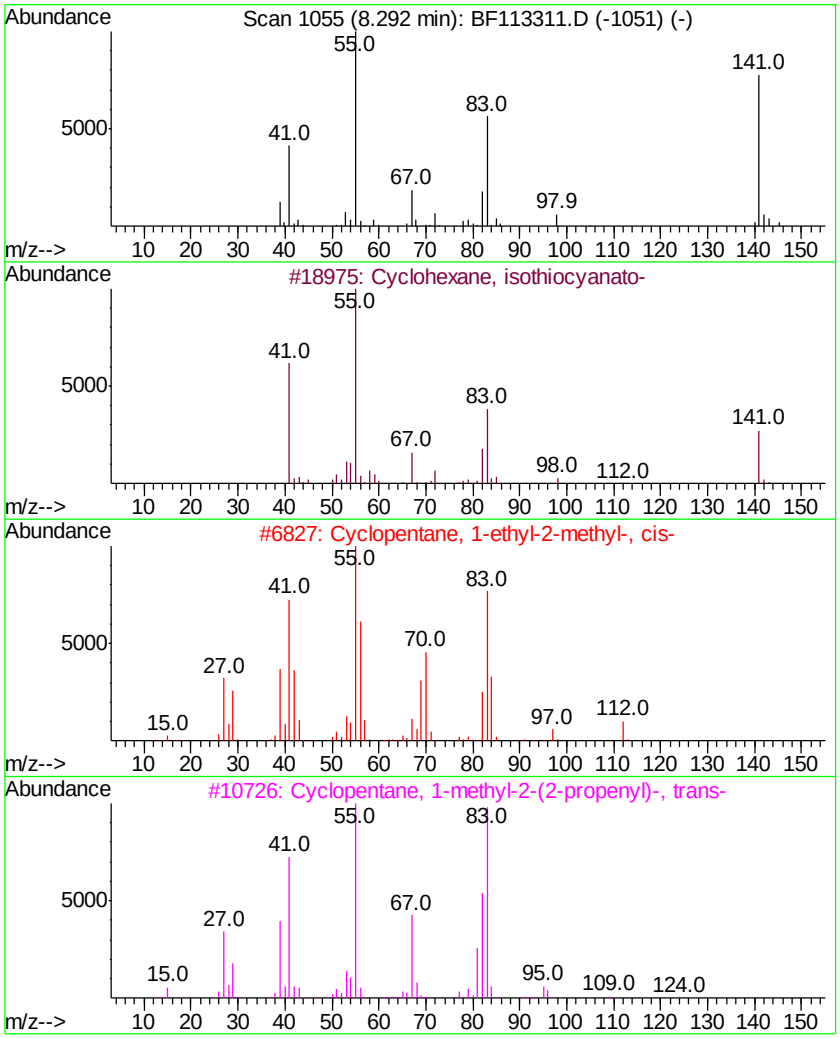
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

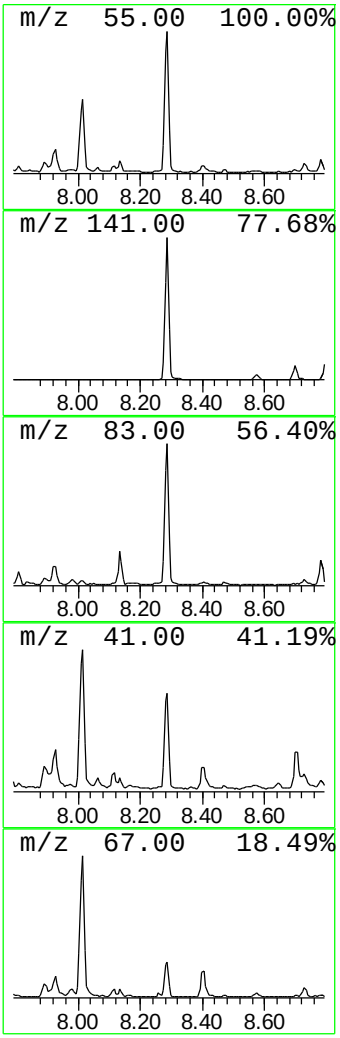
****

Peak Number 7 Cyclohexane, isothiocyanato- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	7.13 ng	435858	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	91
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	32
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	32
5	1-Cyclohexyl-1-propyne	122	C9H14	018736-95-3	28





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Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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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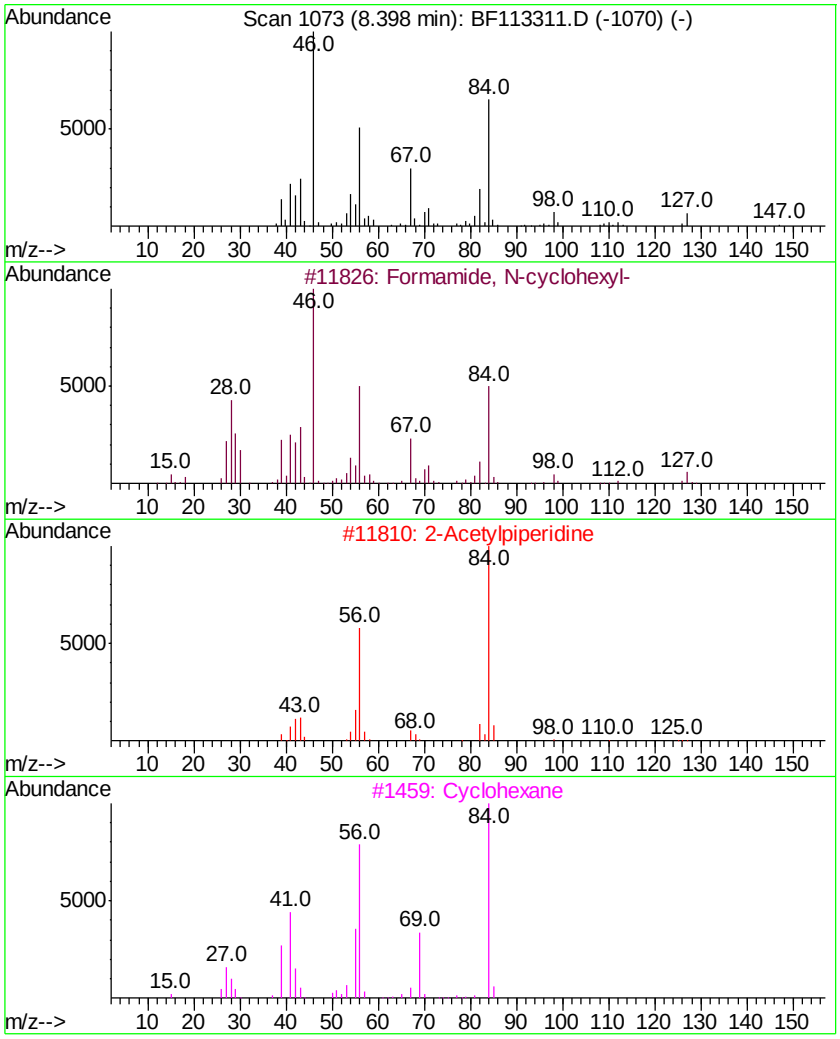
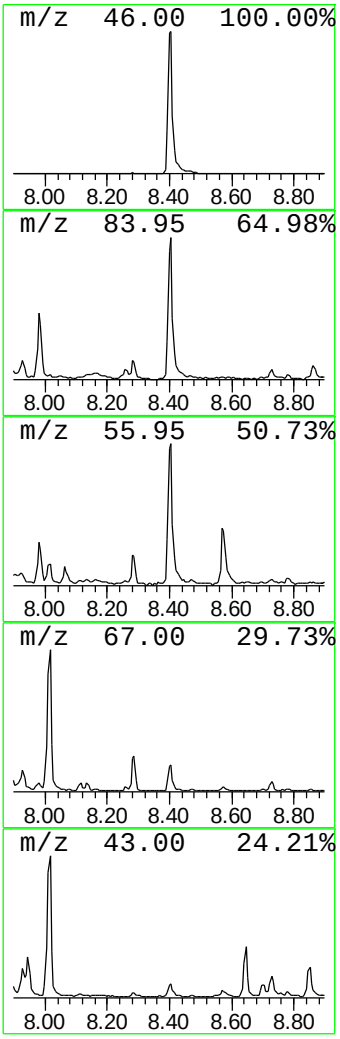
Peak Number 8 Formamide, N-cyclohexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	4.75 ng	290390	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-cyclohexyl-	127	C7H13NO	000766-93-8	90
2	2-Acetylpiperidine	127	C7H13NO	097073-22-8	27
3	Cyclohexane	84	C6H12	000110-82-7	22
4	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	22
5	3-Piperidinone, 1-ethyl-	127	C7H13NO	043152-93-8	18





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Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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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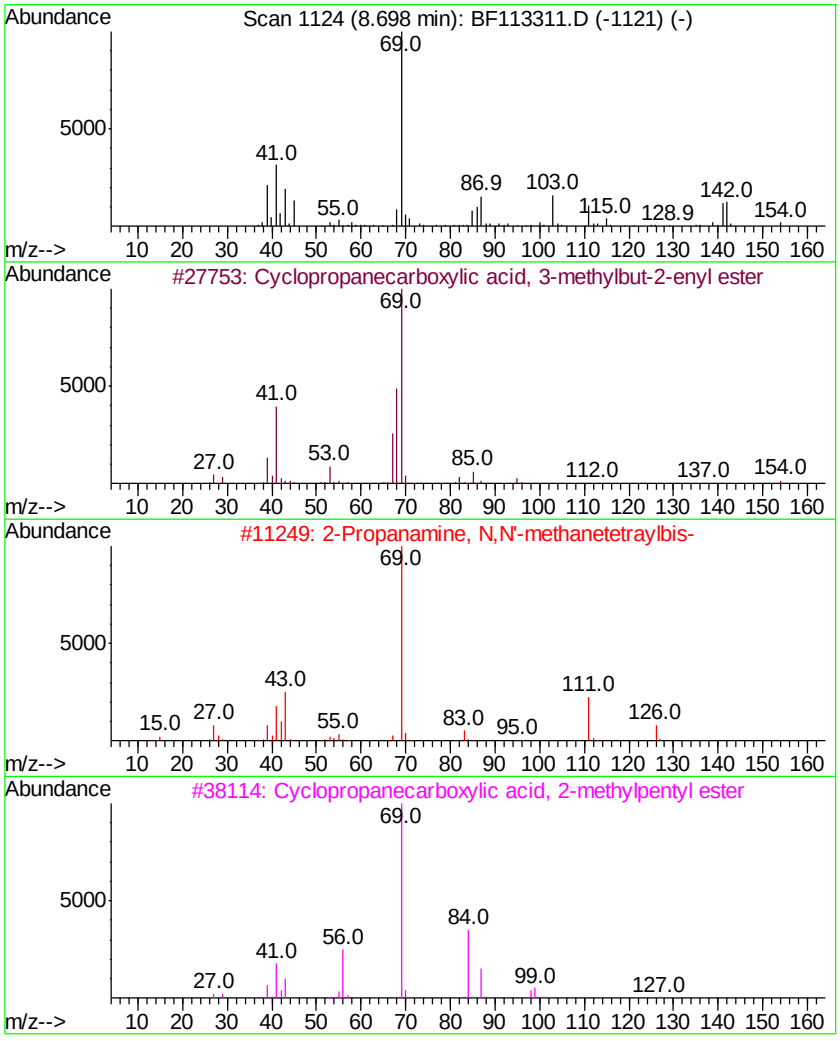
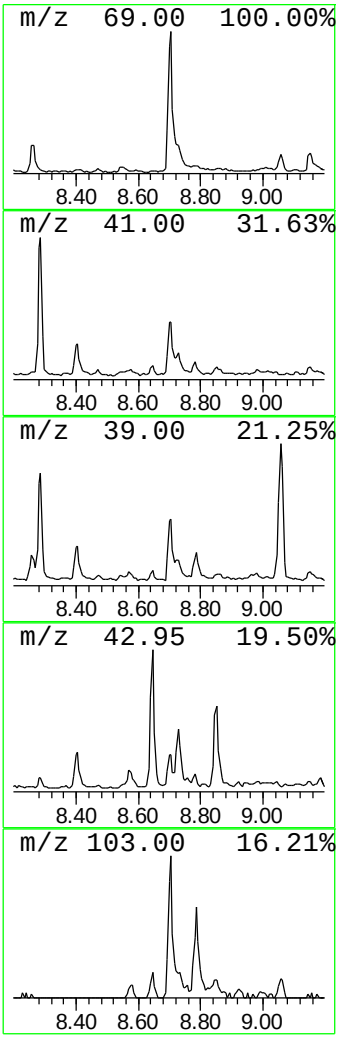
Peak Number 9 unknown8.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.57 ng	218347	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	43
2	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	43
3	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	37
4	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	37
5	(Butylamino)acetonitrile	112	C6H12N2	003010-04-6	32





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ClientSampleId : MH-C05-SETTLED-3H-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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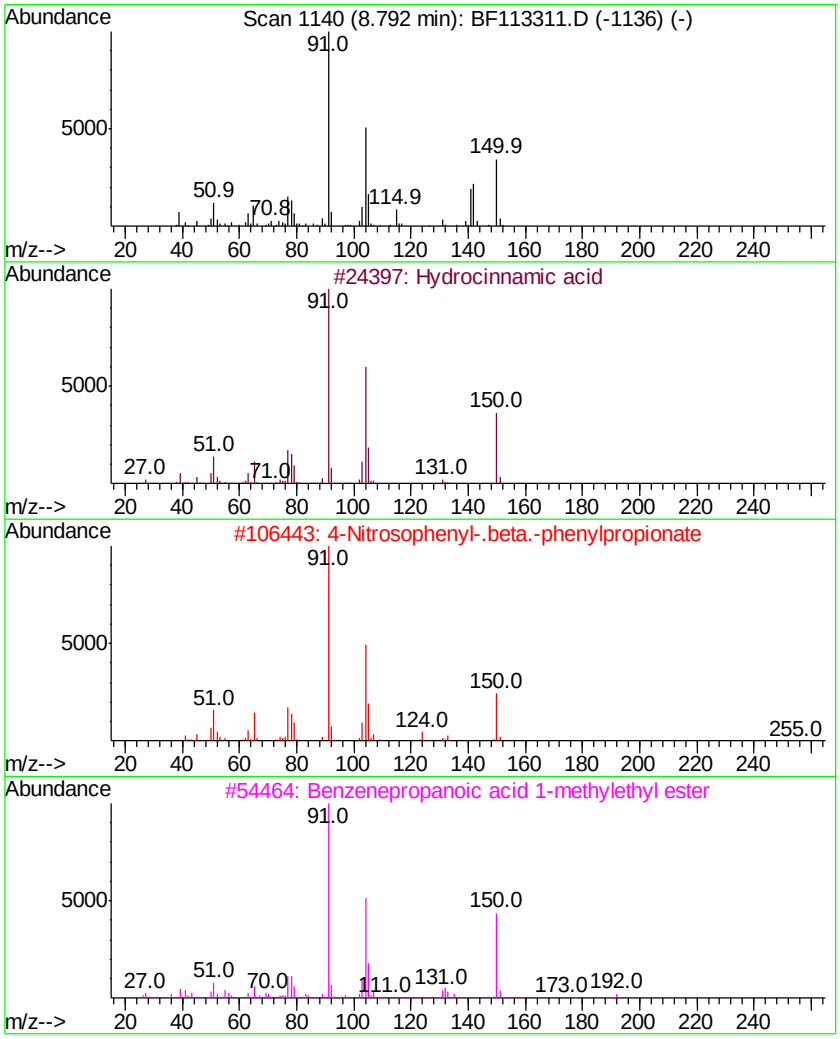
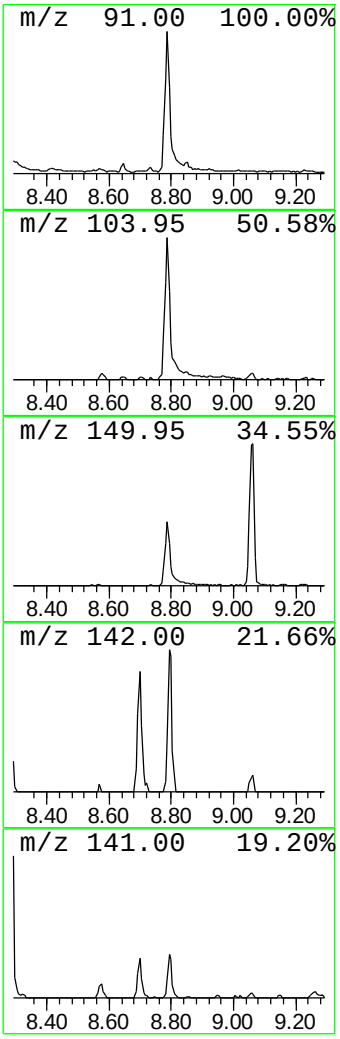
Peak Number 10 Hydrocinnamic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	4.75 ng	290267	Naphthalene-d8	7.98

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	72
3	Benzenepropanoic acid 1-methylet...	192	C12H16O2	022767-95-9	64
4	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	49
5	Cyclopropylphenylmethane	132	C10H12	001667-00-1	27





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Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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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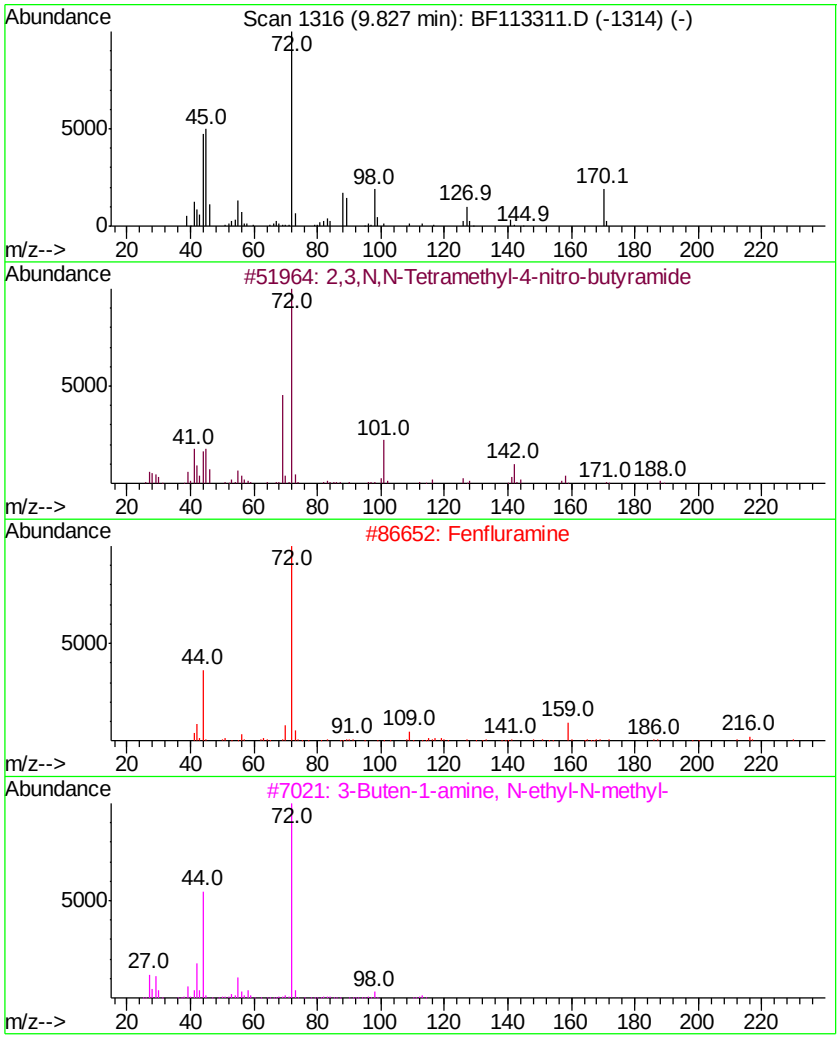
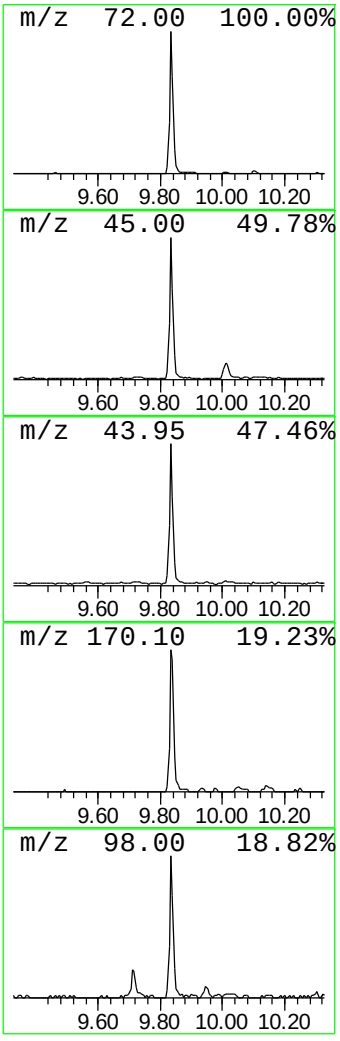
Peak Number 11 unknown9.83 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.89 ng	326934	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,N,N-Tetramethyl-4-nitro-butv...	188	C8H16N2O3	1000187-66-9	35
2	Fenfluramine	231	C12H16F3N	000458-24-2	23
3	3-Buten-1-amine, N-ethyl-N-methyl-	113	C7H15N	061308-10-9	23
4	Urea, tetramethyl-	116	C5H12N2O	000632-22-4	23
5	D-(-)-Norvaline	117	C5H11NO2	002013-12-9	12





Library Search Compound Report

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Sample : K2103-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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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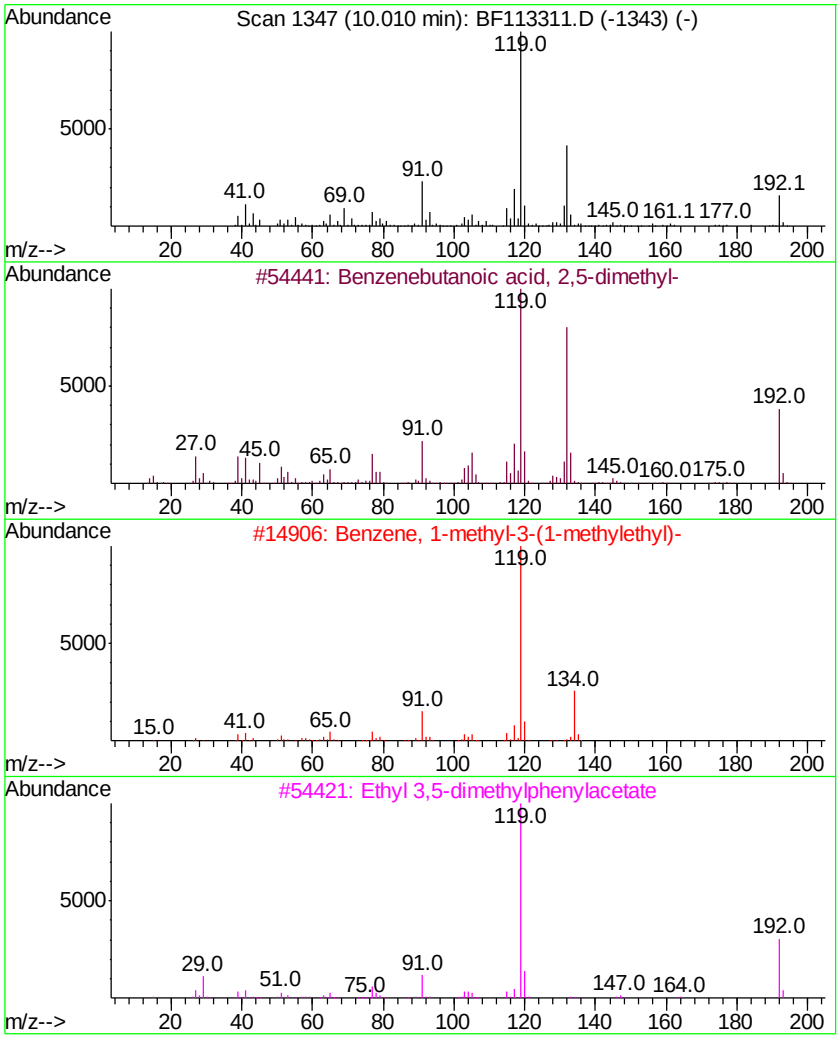
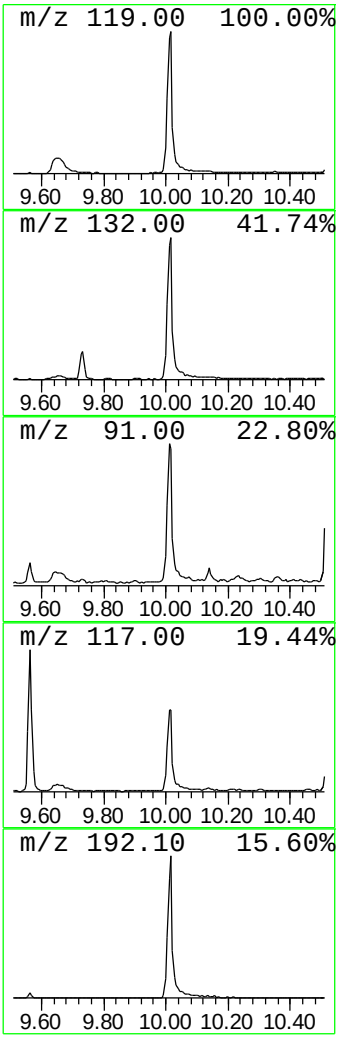
Peak Number 12 Benzenebutanoic acid, 2,5-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	11.80 ng	788864	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	55
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
3	Ethyl 3,5-dimethylphenylacetate	192	C12H16O2	105337-18-6	43
4	p-Cymene	134	C10H14	000099-87-6	43
5	o-Cymene	134	C10H14	000527-84-4	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-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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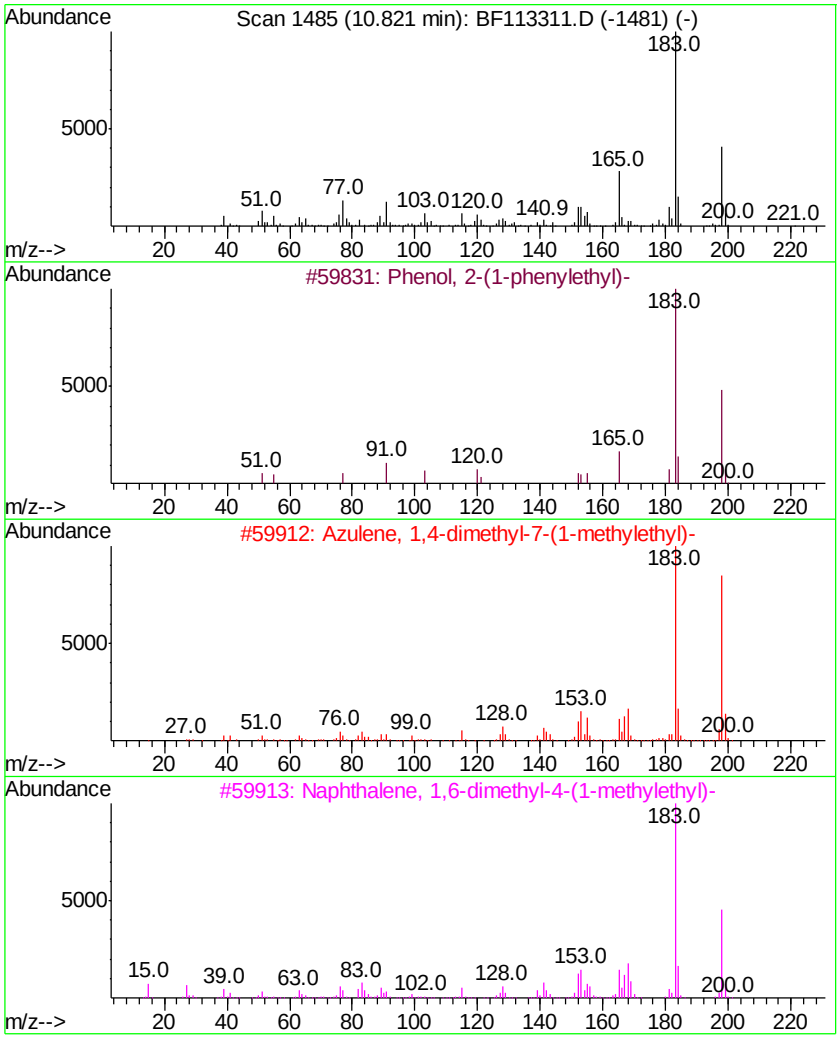
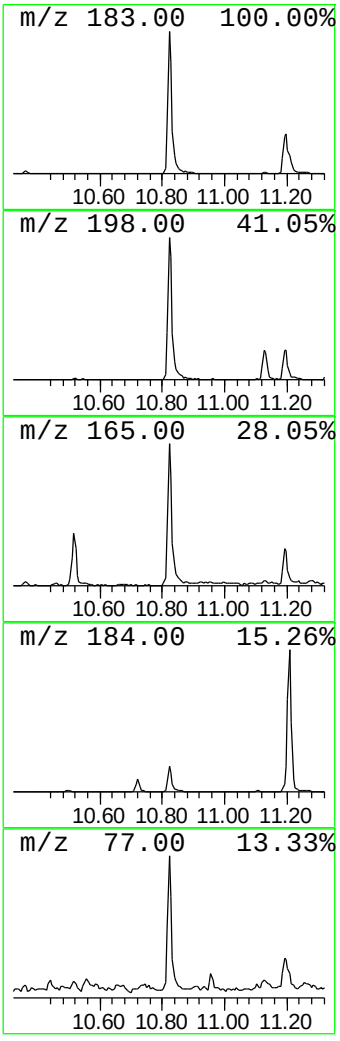
Peak Number 13 Phenol, 2-(1-phenylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	6.59 ng	491767	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	95
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	90
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	90
4	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	87
5	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	83





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Sample : K2103-05
Misc :
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ClientSampleId : MH-C05-SETTLED-3H-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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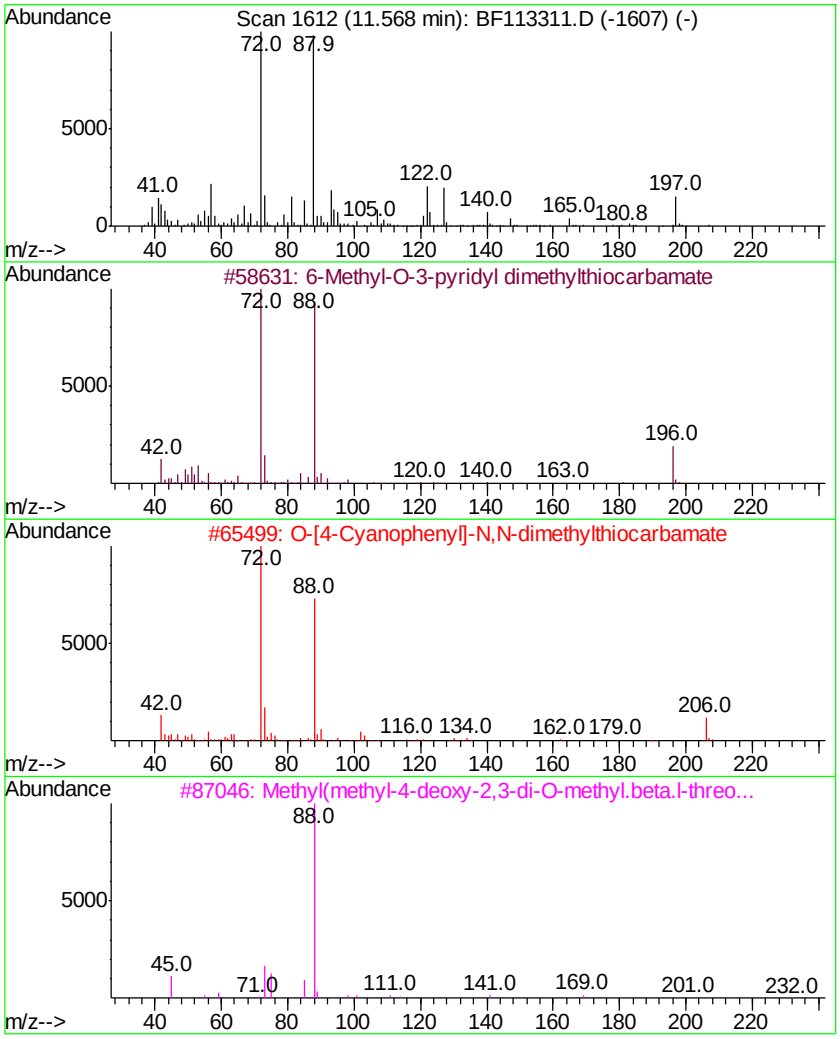
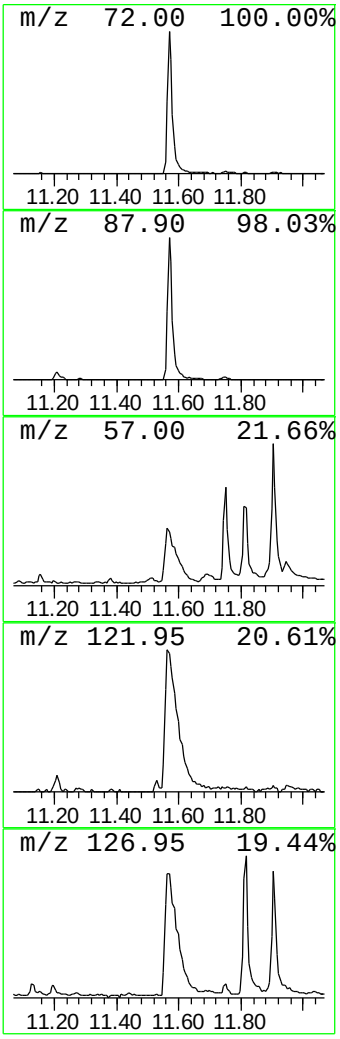
Peak Number 14 unknown11.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	14.22 ng	1061530	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-O-3-pyridyl dimethylthi...	196	C9H12N2OS	1000213-54-6	42
2	O-[4-Cyanophenyl]-N,N-dimethylth...	206	C10H10N2OS	1000212-25-8	32
3	Methyl(methyl-4-deoxy-2,3-di-O-m...	232	C10H16O6	031506-21-5	27
4	Hydroxyurea, N,N,N',O-tetramethyl-	132	C5H12N2O2	1000364-77-4	25
5	Methyl-2-deoxy-2-fluoro-3,4,6-tr...	238	C10H19FO5	1000312-24-7	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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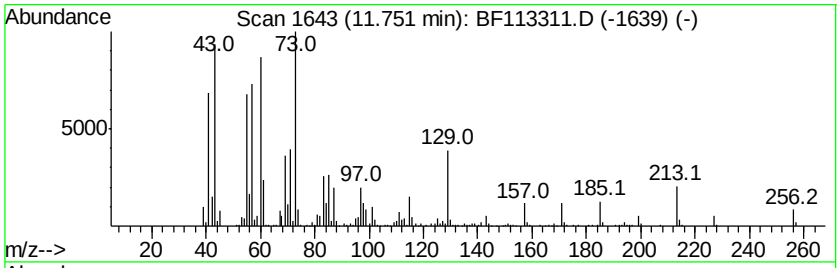
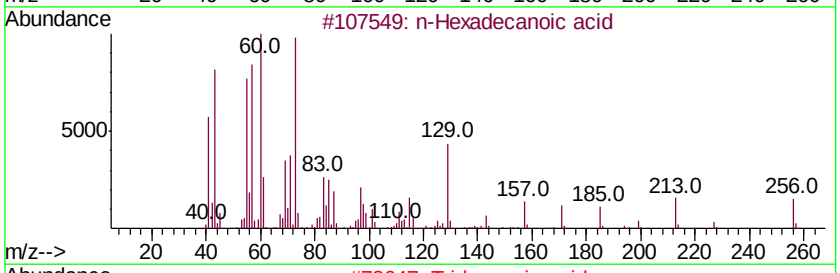
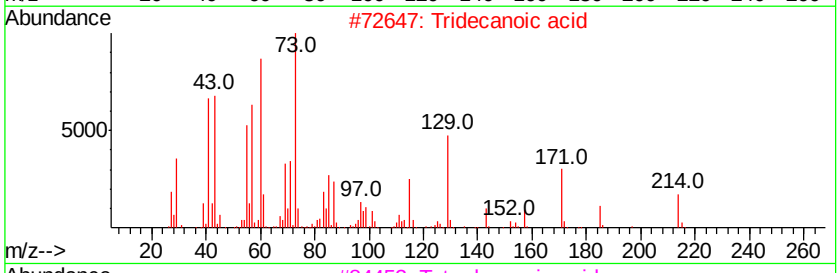
Peak Number 15 n-Hexadecanoic acid Concentration Rank 8

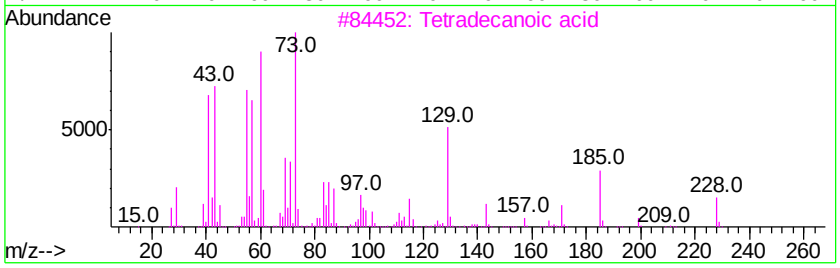
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.92 ng	591602	Phenanthrene-d10	11.21

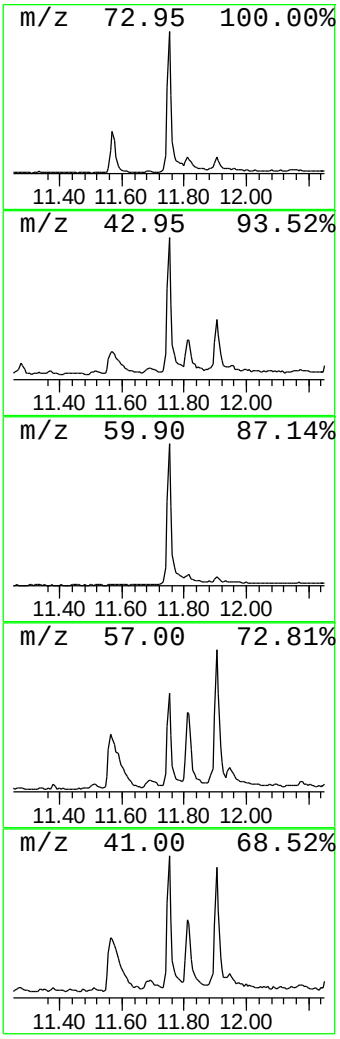
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76











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Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : MH-C05-SETTLED-3H-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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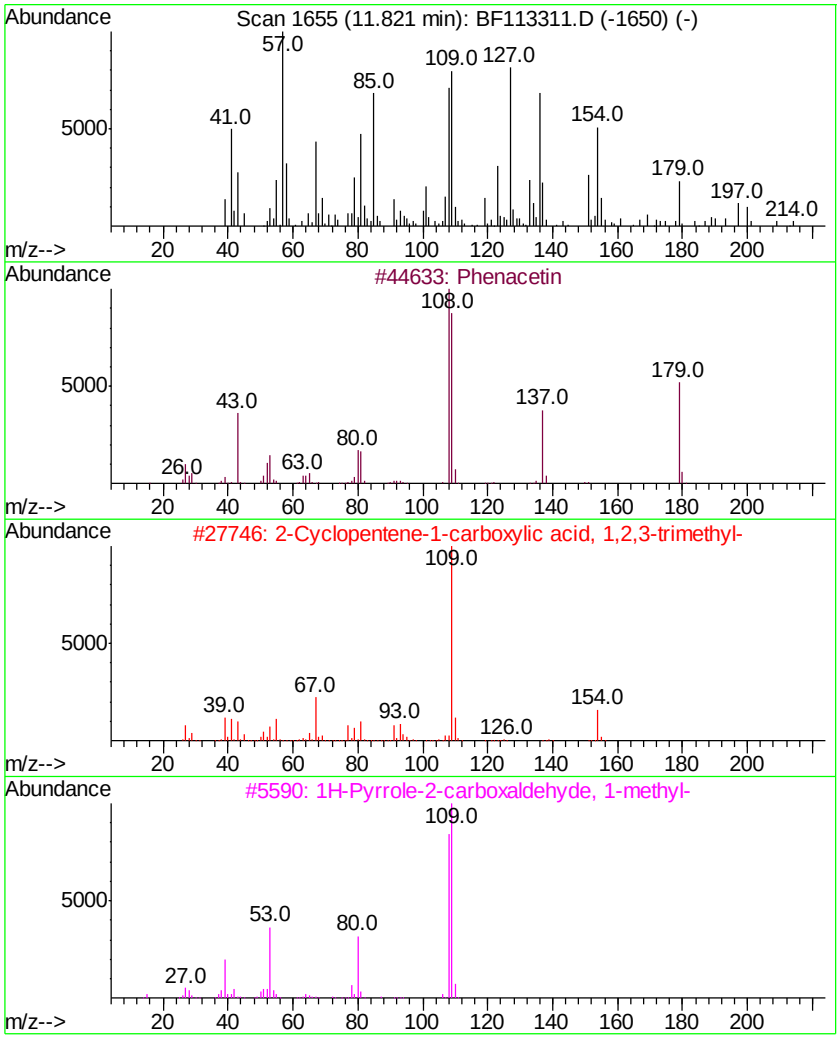
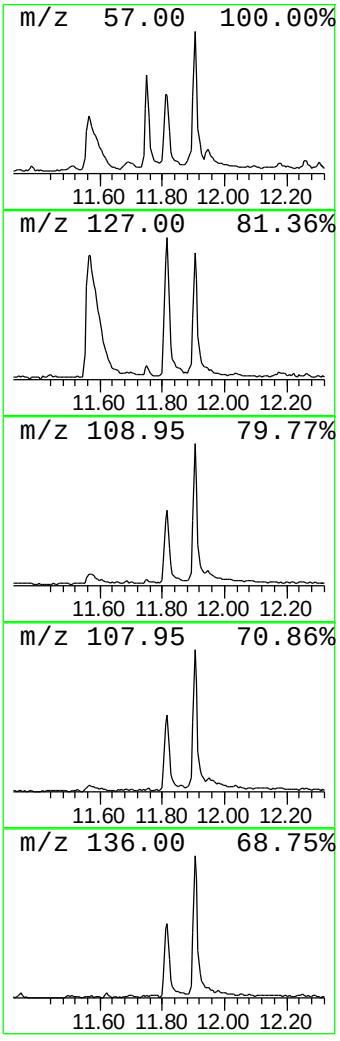
Peak Number 16 unknown11.82 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	6.58 ng	491163	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenacetin	179	C10H13NO2	000062-44-2	30
2	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	18
3	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	14
4	.beta.-Resorcylic acid	154	C7H6O4	000089-86-1	14
5	Acetaminophen	151	C8H9NO2	000103-90-2	11





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TIC Library : C:\DATABASE\NIST11.L
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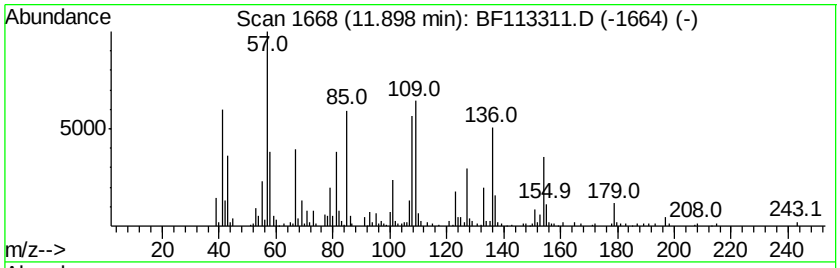
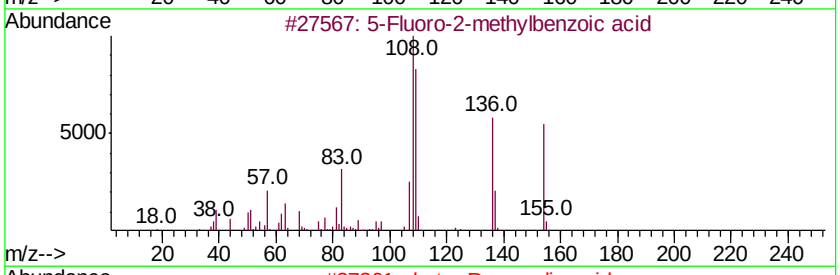
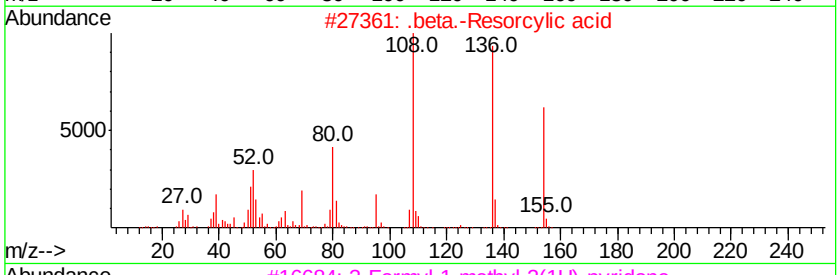
Peak Number 17 unknown11.90 Concentration Rank 7

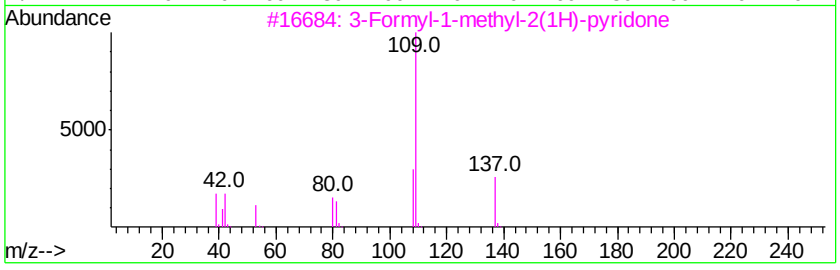
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	8.57 ng	639570	Phenanthrene-d10	11.21

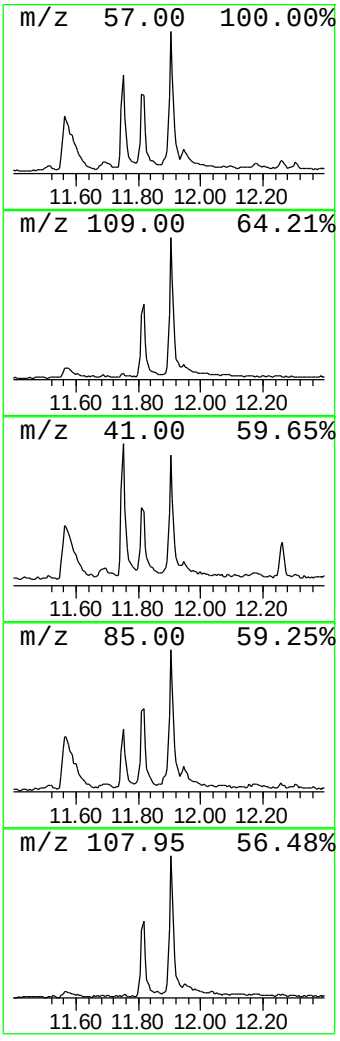
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	38
2	.beta.-Resorcylic acid	154	C7H6O4	000089-86-1	30
3	3-Formyl-1-methyl-2(1H)-pyridone	137	C7H7NO2	1000306-46-7	22
4	(4-Fluorophenyl) methanol, ethyl...	154	C9H11FO	1000374-63-4	22
5	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	14











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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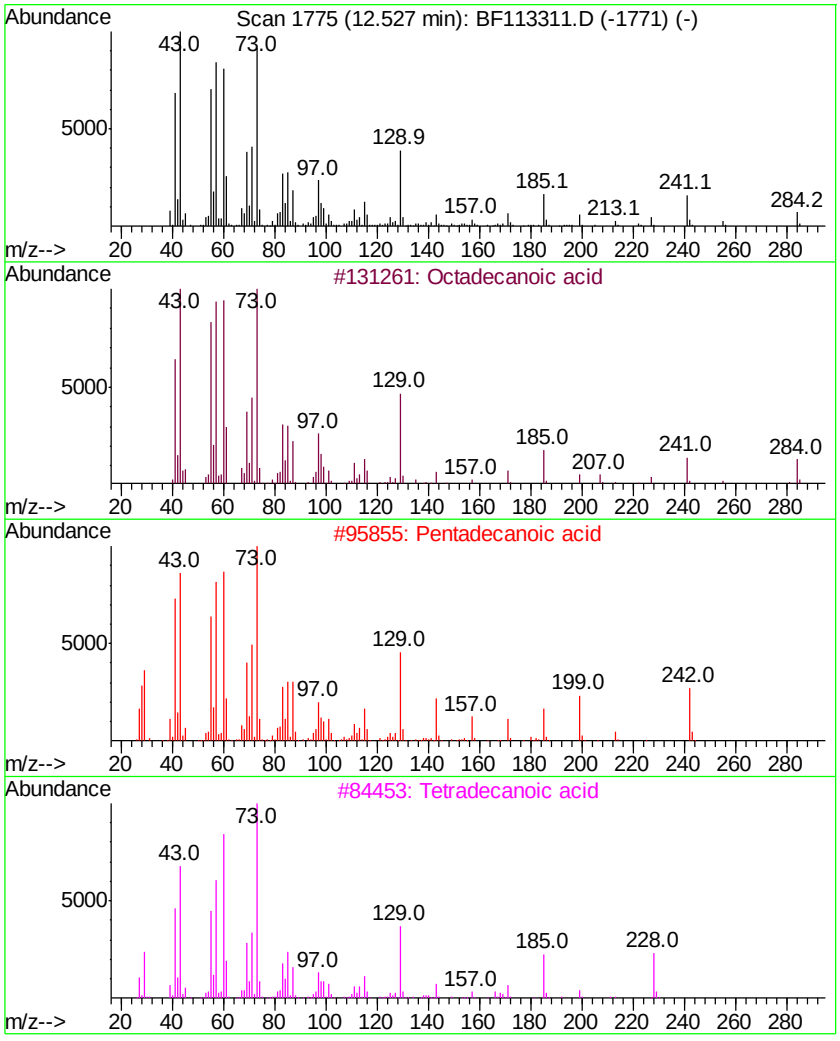
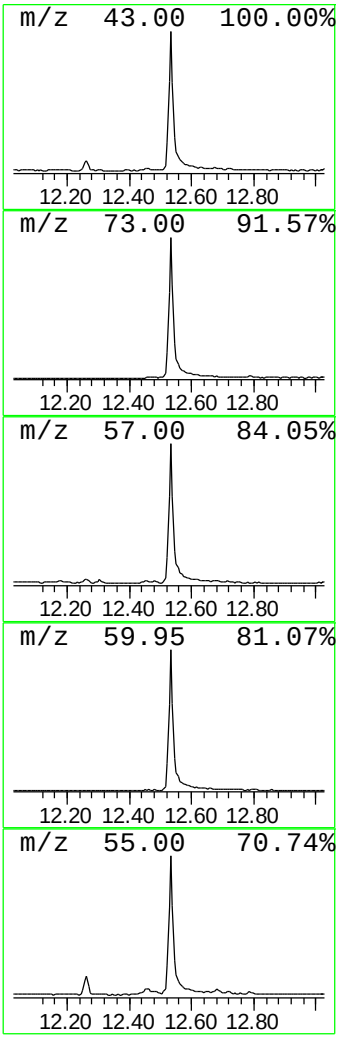
Peak Number 18 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	41.03 ng	1735910	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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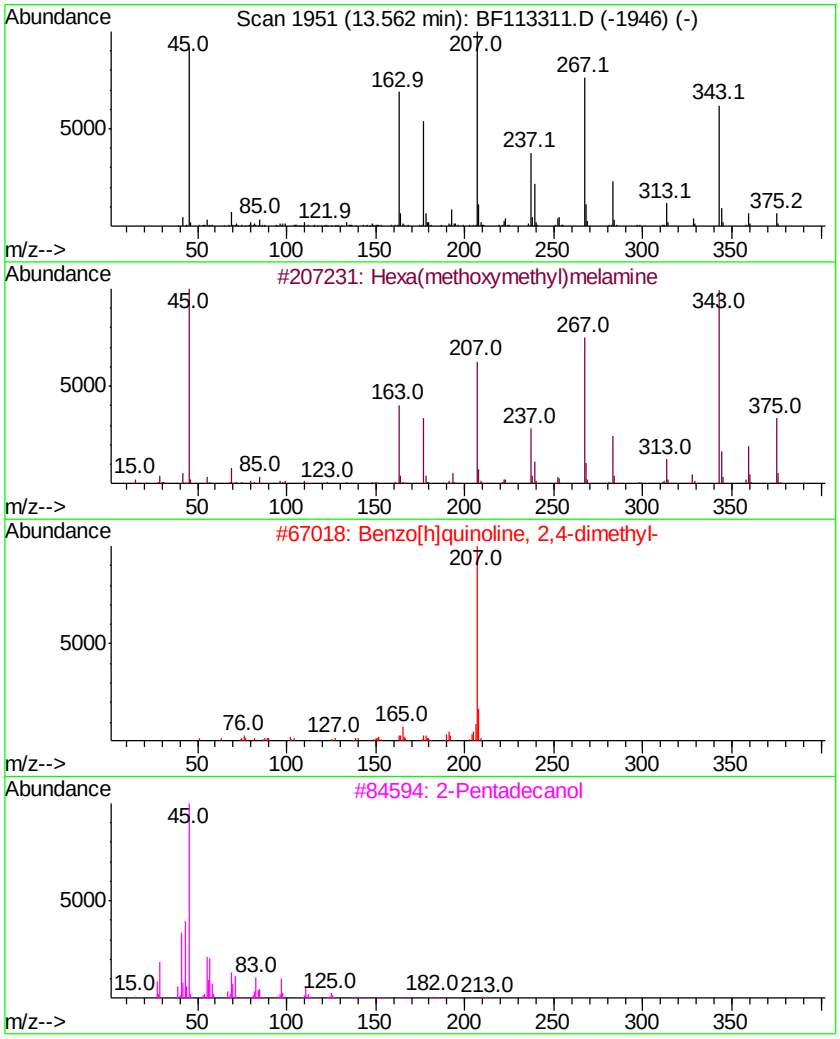
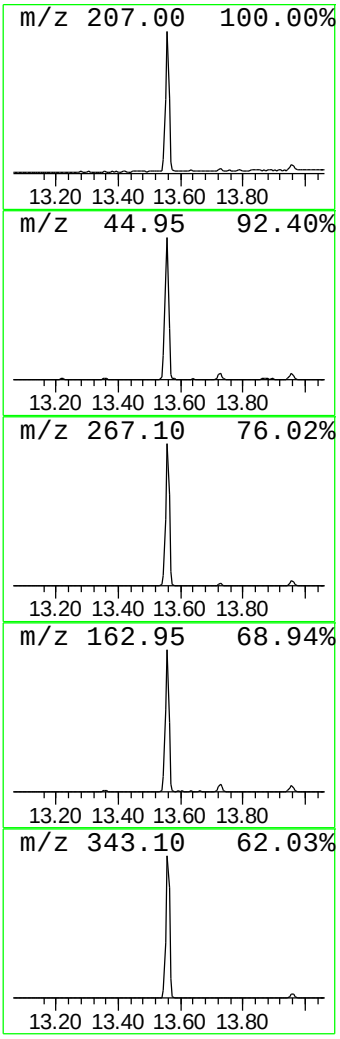
Peak Number 19 Hexa(methoxymethyl)melamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	17.89 ng	756703	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexa(methoxymethyl)melamine	390	C15H30N6O6	068002-20-0	74
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	10
3	2-Pentadecanol	228	C15H32O	001653-34-5	9
4	Propanoic acid, 2-hydroxy-, butyl...	146	C7H14O3	000138-22-7	9
5	3-Methoxymethoxy-2-methyl-non-1-ene	200	C12H24O2	1000192-54-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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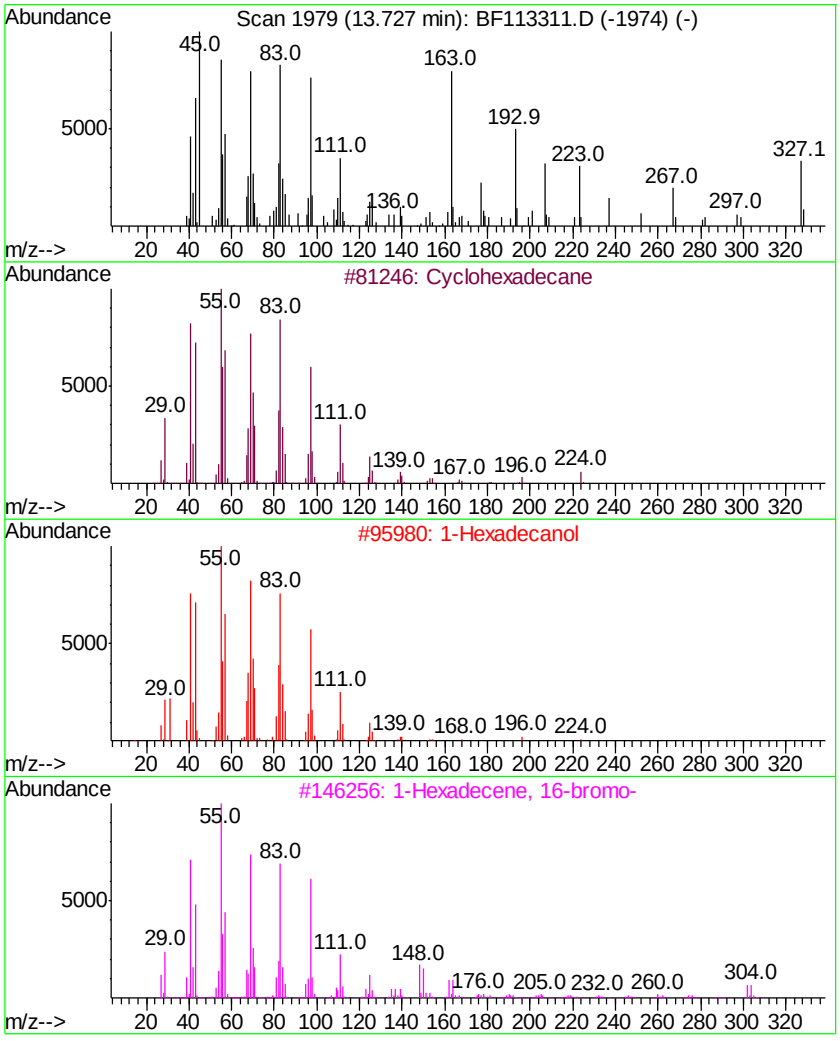
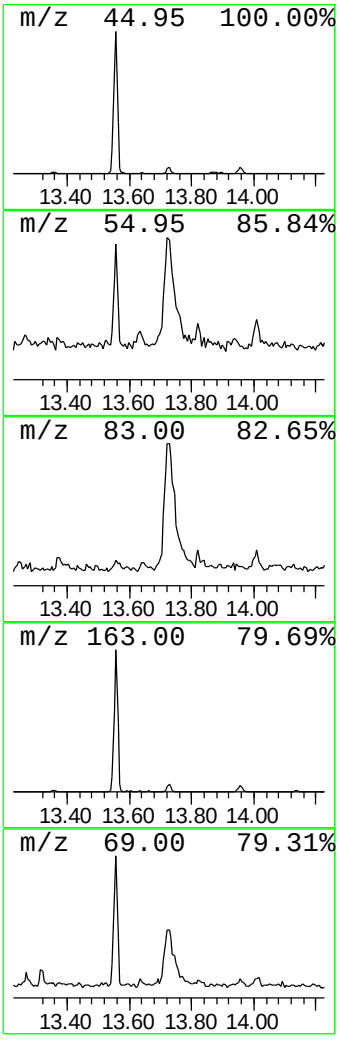
Peak Number 20 unknown13.73 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.22 ng	220664	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	42
2	1-Hexadecanol	242	C16H34O	036653-82-4	38
3	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	38
4	1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	35
5	1-Heneicosanol	312	C21H44O	015594-90-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113311.D
Acq On : 27 Mar 2019 00:49
Operator : JU/SJ
Sample : K2103-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-3H-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
Cyclopentanone, 2...	5.56	6.7	ng	362864	1	6.70	1078830	20.0
unknown6.47	6.47	43.9	ng	2365580	1	6.70	1078830	20.0
unknown6.78	6.78	6.0	ng	326228	1	6.70	1078830	20.0
unknown7.06	7.06	3.6	ng	194314	1	6.70	1078830	20.0
Benzothiazole	8.26	4.3	ng	260251	2	7.98	1222900	20.0
Cyclohexane, isot...	8.29	7.1	ng	435858	2	7.98	1222900	20.0
Formamide, N-cycl...	8.40	4.8	ng	290390	2	7.98	1222900	20.0
unknown8.70	8.70	3.6	ng	218347	2	7.98	1222900	20.0
Hydrocinnamic acid	8.79	4.8	ng	290267	2	7.98	1222900	20.0
unknown9.83	9.83	4.9	ng	326934	3	9.73	1336750	20.0
Benzenebutanoic a...	10.01	11.8	ng	788864	3	9.73	1336750	20.0
Phenol, 2-(1-phen...	10.82	6.6	ng	491767	4	11.21	1493380	20.0
unknown11.57	11.57	14.2	ng	1061530	4	11.21	1493380	20.0
n-Hexadecanoic acid	11.75	7.9	ng	591602	4	11.21	1493380	20.0
unknown11.82	11.82	6.6	ng	491163	4	11.21	1493380	20.0
unknown11.90	11.90	8.6	ng	639570	4	11.21	1493380	20.0
Octadecanoic acid	12.53	41.0	ng	1735910	5	13.83	846179	20.0
Hexa(methoxymethy...	13.56	17.9	ng	756703	5	13.83	846179	20.0
unknown13.73	13.73	5.2	ng	220664	5	13.83	846179	20.0