LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	4.704	474	479	493	rBV	1465701	1627371	13.43%	2.304%
2	5.028	529	534	542	rBV	316699	446092	3.68%	0.632%
3	5.093	542	545	561	rVB	220973	292604	2.42%	0.414%
4	5.298	576	580	585	rBV	230831	221887	1.83%	0.314%
5	5.757	654	658	662	rBV	750519	680885	5.62%	0.964%
6	6.016	695	702	705	rBV	152261	142159	1.17%	0.201%
7	6.092	712	715	722	rVB	151940	141175	1.17%	0.200%
8	6.151	722	725	728	rBV	275593	291460	2.41%	0.413%
9	6.269	742	745	751	rBV	327363	330951	2.73%	0.469%
10	6.322	751	754	757	rVB	482723	400288	3.30%	0.567%
11	6.434	769	773	780	rVB	326837	299752	2.47%	0.424%
12	6.492	780	783	785	rBV	801264	887515	7.33%	1.257%
13	6.510	785	786	791	rVV	1085220	809847	6.68%	1.147%
14	6.557	791	794	796	rVV	292331	266417	2.20%	0.377%
15	6.581	796	798	801	rVB	264108	203233	1.68%	0.288%
16	6.622	801	805	807	rBV	167921	138494	1.14%	0.196%
17	6.669	807	813	823	rVB3	1520151	1900119	15.68%	2.690%
18	7.063	872	880	884	rBV3	226557	327522	2.70%	0.464%
19	7.457	942	947	953	rBV	382765	357900	2.95%	0.507%
20	7.522	953	958	962	rVV2	248077	281899	2.33%	0.399%
21	7.592	968	970	974	rVV	321783	331054	2.73%	0.469%
22	7.757	995	998	999	rVV	286062	236983	1.96%	0.336%
23	7.781	999	1002	1003	rVV	1172031	1101893	9.10%	1.560%
24	7.804	1003	1006	1009	rVV	2803271	2429791	20.06%	3.440%
25	7.857	1009	1015	1019	rVV2	293362	307654	2.54%	0.436%
26	7.922	1023	1026	1028	rVV	287443	208066	1.72%	0.295%
27	7.957	1028	1032	1035	rVV	1137558	981195	8.10%	1.389%
28	7.992	1035	1038	1041	rVV	338711	282755	2.33%	0.400%
29	8.033	1041	1045	1048	rVV	1886372	1701306	14.04%	2.409%
30	8.063	1048	1050	1056	rVB	830006	654278	5.40%	0.926%
31	8.163	1061	1067	1073	rBV	2626894	2986958	24.66%	4.229%
32	8.233	1073	1079	1081	rVV	967792	898552	7.42%	1.272%
33	8.257	1081	1083	1085	rVV	1310960	1080872	8.92%	1.530%
34	8.275	1085	1086	1093	rVB2	657569	656182	5.42%	0.929%

LSC Area Percent Report

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Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.369	1097	1102	1105	rVV	757765	744555	6.15%	1.054%
36	8.439	1112	1114	1115	rVV	215391	183019	1.51%	0.259%
37	8.463	1115	1118	1119	rVV2	437537	448462	3.70%	0.635%
38	8.492	1119	1123	1126	rVV2	1071800	1268702	10.47%	1.796%
39	8.533	1126	1130	1131	rVV3	226740	312399	2.58%	0.442%
40	8.569	1134	1136	1137	rVV	464151	380435	3.14%	0.539%
41	8.592	1137	1140	1145	rVB2	630489	708806	5.85%	1.004%
42	8.651	1146	1150	1152	rBV	266877	244836	2.02%	0.347%
43	8.675	1152	1154	1160	rVV3	437413	609529	5.03%	0.863%
44	8.733	1160	1164	1165	rVV3	230750	269711	2.23%	0.382%
45	8.745	1165	1166	1168	rVV	171121	130811	1.08%	0.185%
46	8.775	1168	1171	1174	rVV2	279707	304185	2.51%	0.431%
47	8.857	1181	1185	1188	rVB	388412	346069	2.86%	0.490%
48	8.951	1198	1201	1208	rVB4	155282	240934	1.99%	0.341%
49	9.186	1236	1241	1244	rBV2	79627	138485	1.14%	0.196%
50	9.527	1292	1299	1302	rVV	888465	921257	7.60%	1.304%
51	9.657	1317	1321	1325	rBV2	134634	133017	1.10%	0.188%
52	9.775	1336	1341	1344	rBV	403620	436492	3.60%	0.618%
53	10.010	1378	1381	1384	rBV	176668	156512	1.29%	0.222%
54	10.310	1425	1432	1437	rBV2	164013	225717	1.86%	0.320%
55	10.727	1494	1503	1507	rBV	1901904	2917733	24.08%	4.131%
56	10.998	1545	1549	1552	rBV	810225	705701	5.83%	0.999%
57	11.122	1565	1570	1572	rBV2	229158	229654	1.90%	0.325%
58	11.510	1630	1636	1642	rBV	474408	1105966	9.13%	1.566%
59	11.610	1642	1653	1656	rVV	3798062	8328126	68.74%	11.791%
60	11.945	1707	1710	1713	rBV	167369	134578	1.11%	0.191%
61	11.986	1713	1717	1719	rVV	580768	568998	4.70%	0.806%
62	12.304	1757	1771	1773	rBV3	3933901	12114533	100.00%	17.152%
63	12.380	1781	1784	1789	rVB	1612418	1620705	13.38%	2.295%
64	12.421	1789	1791	1793	rVV	208053	151675	1.25%	0.215%
65	12.451	1793	1796	1808	rVB	621015	875239	7.22%	1.239%
66	12.598	1816	1821	1824	rBV2	723403	810634	6.69%	1.148%
67	12.680	1832	1835	1837	rBV	288786	216461	1.79%	0.306%
68	12.704	1837	1839	1840	rBV	161053	122270	1.01%	0.173%
69	12.968	1882	1884	1886	rBV	149153	149364	1.23%	0.211%
70	13.033	1887	1895	1900	rVV	1947109	3319804	27.40%	4.700%
71	13.104	1902	1907	1912	rVB2	1463424	1899094	15.68%	2.689%

LSC Area Percent Report

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Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.457	1965	1967	1973	rVB	115411	121520	1.00%	0.172%
73	13.633	1993	1997	2000	rBV	575142	609062	5.03%	0.862%
74	14.980	2222	2226	2231	rBV	396876	443926	3.66%	0.629%
75	15.598	2323	2331	2339	rVB2	310577	614488	5.07%	0.870%
76	16.215	2431	2436	2445	rBV2	50947	129511	1.07%	0.183%
77	16.680	2508	2515	2525	rBV2	444101	975901	8.06%	1.382%
78	17.515	2651	2657	2666	rVB4	153100	357015	2.95%	0.505%

Sum of corrected areas: 70631000

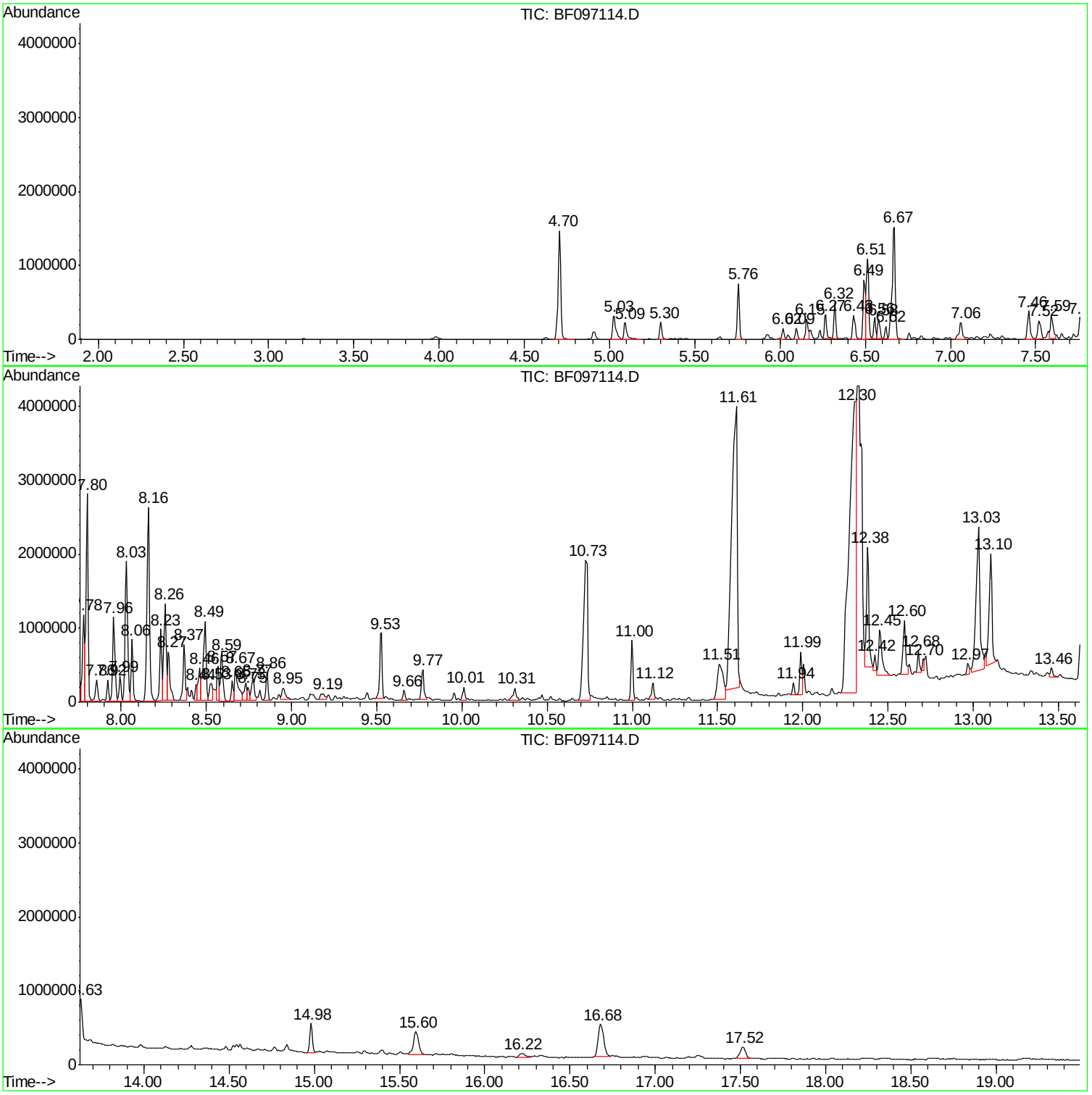
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

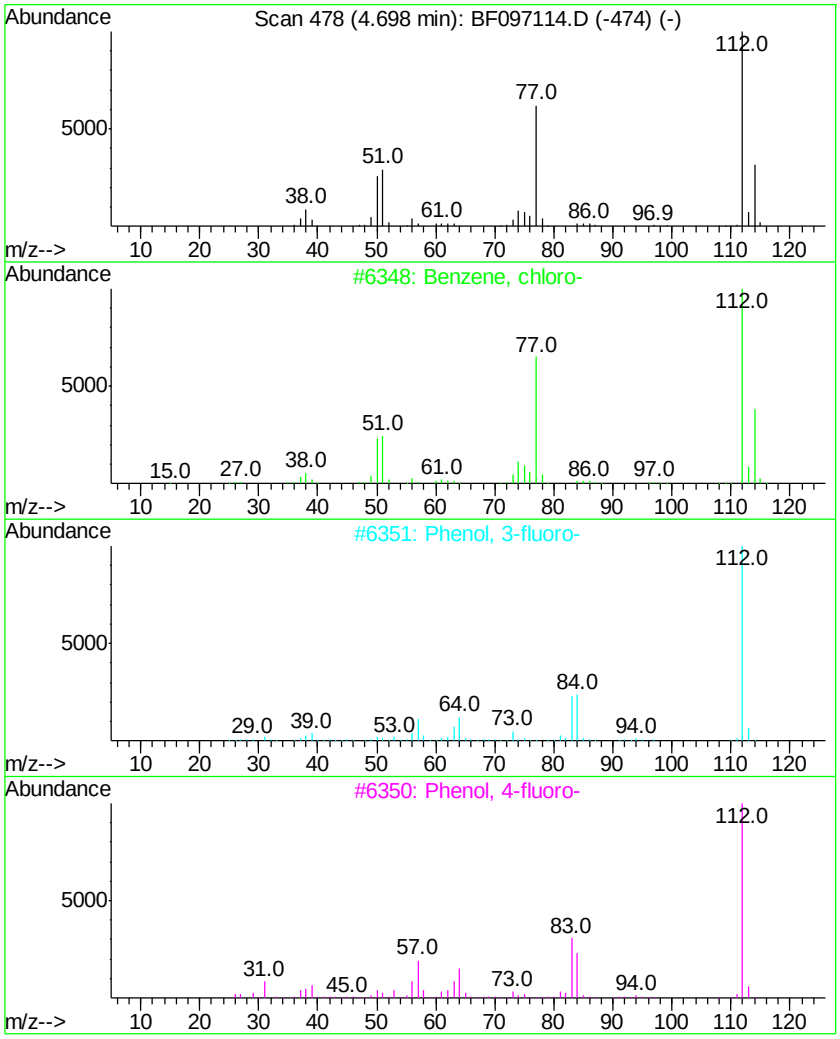
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

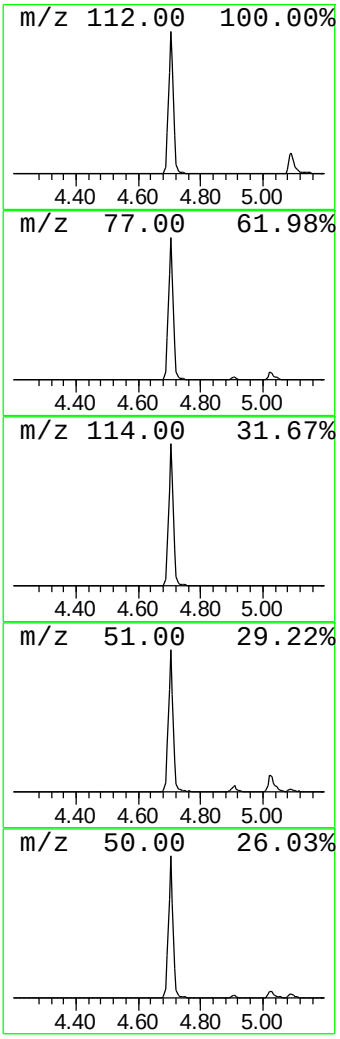
****

Peak Number 1 Benzene, chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	36.67 ng	1627370	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

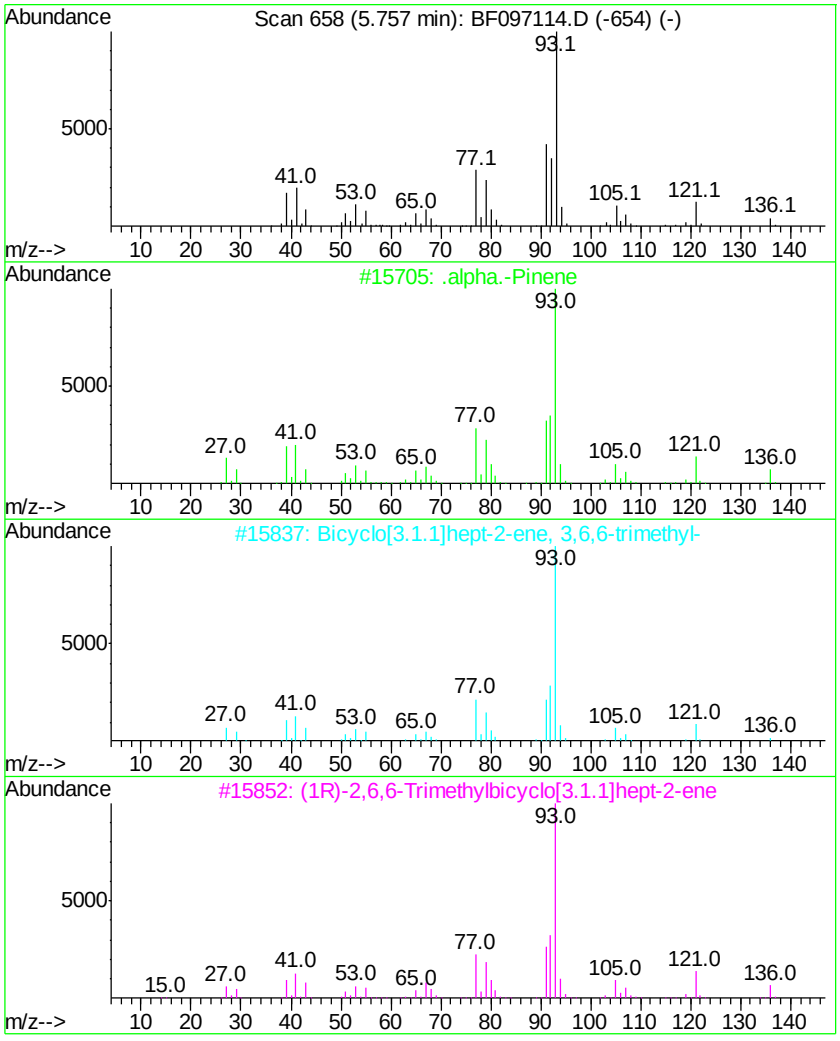
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

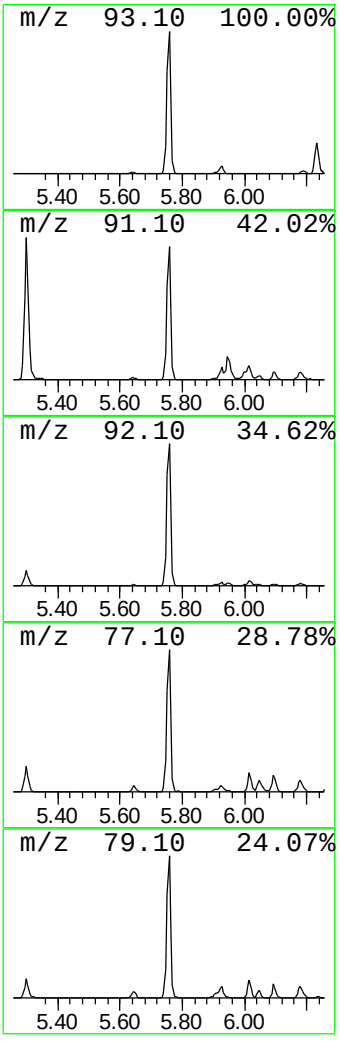
****

Peak Number 2 .alpha.-Pinene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	15.34 ng	680885	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

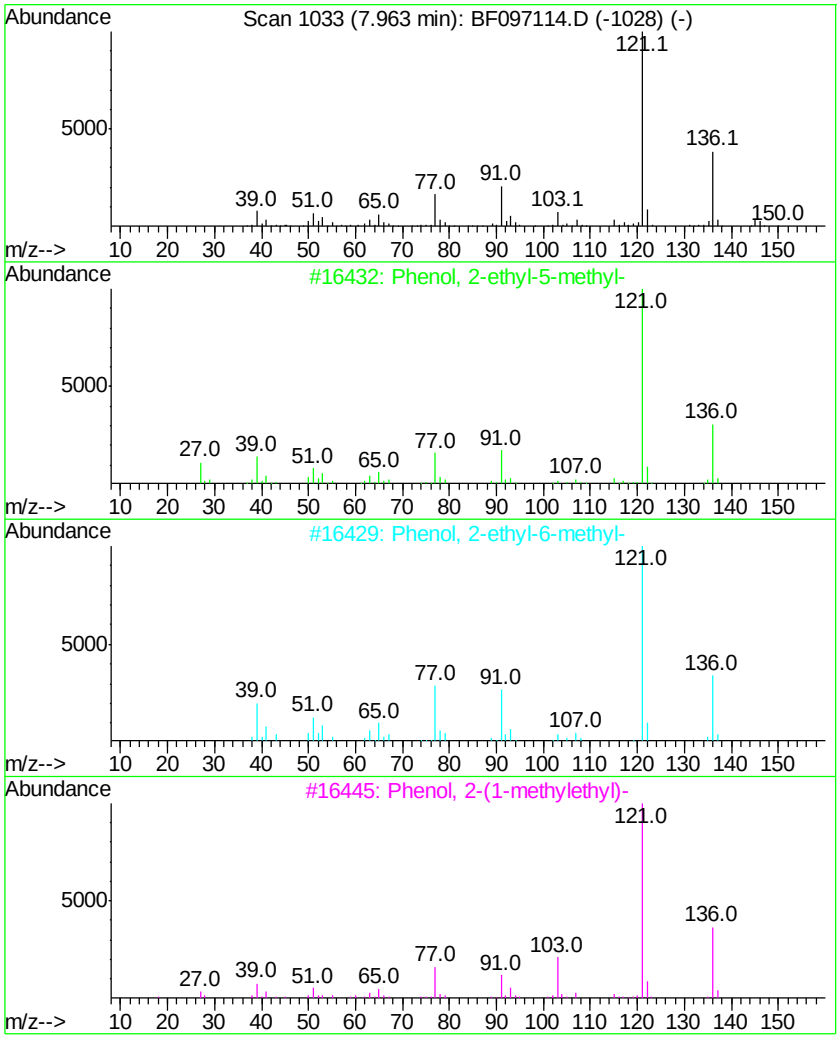
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

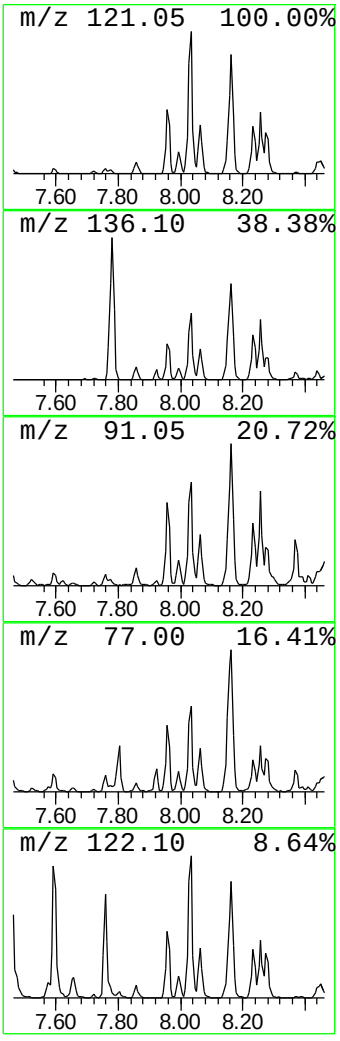
****

Peak Number 3 Phenol, 2-ethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	17.81 ng	981195	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

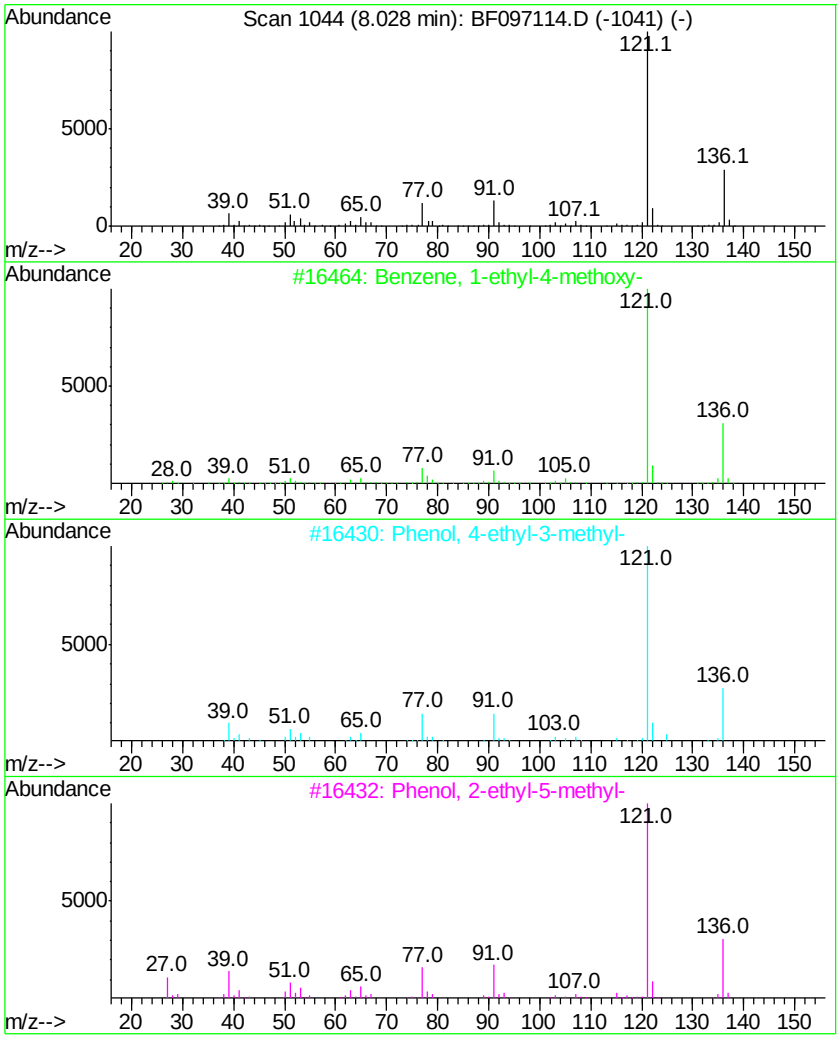
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

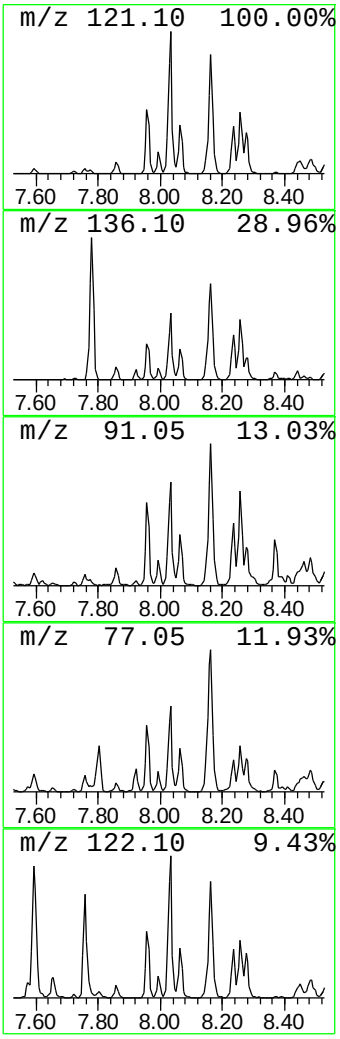
****

Peak Number 4 Benzene, 1-ethyl-4-methoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	30.88 ng	1701310	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





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Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

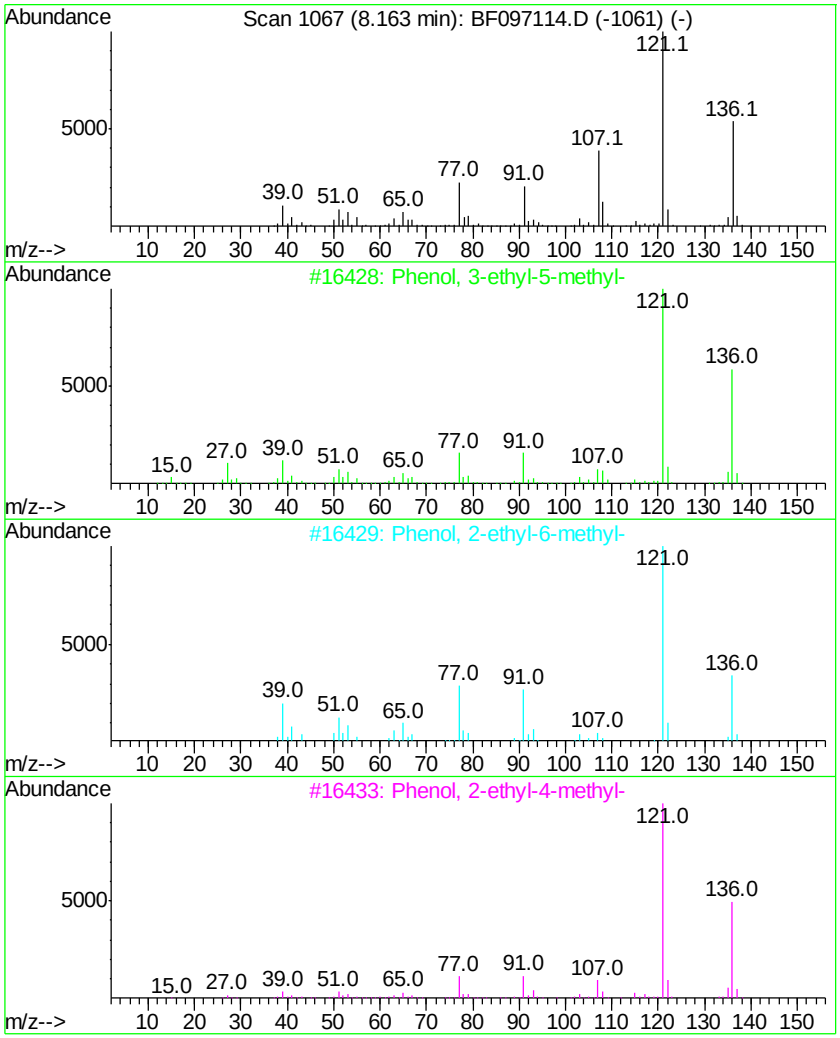
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

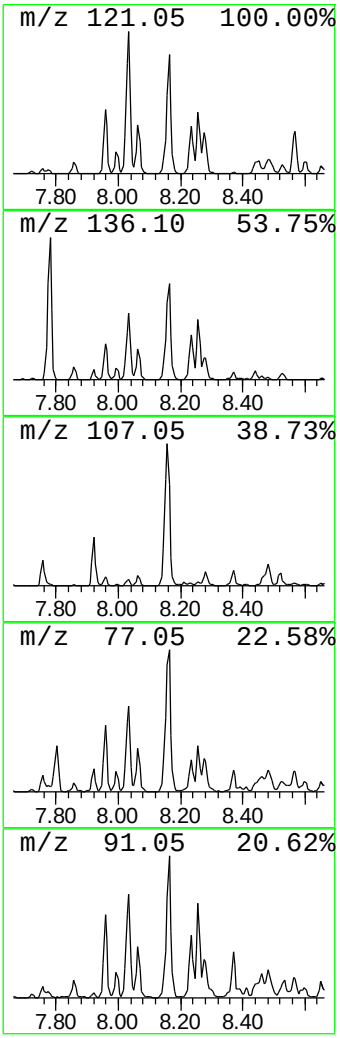
****

Peak Number 5 Phenol, 3-ethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	54.22 ng	2986960	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	76
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	76
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	68
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	68
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64





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Data File : BF097114.D
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Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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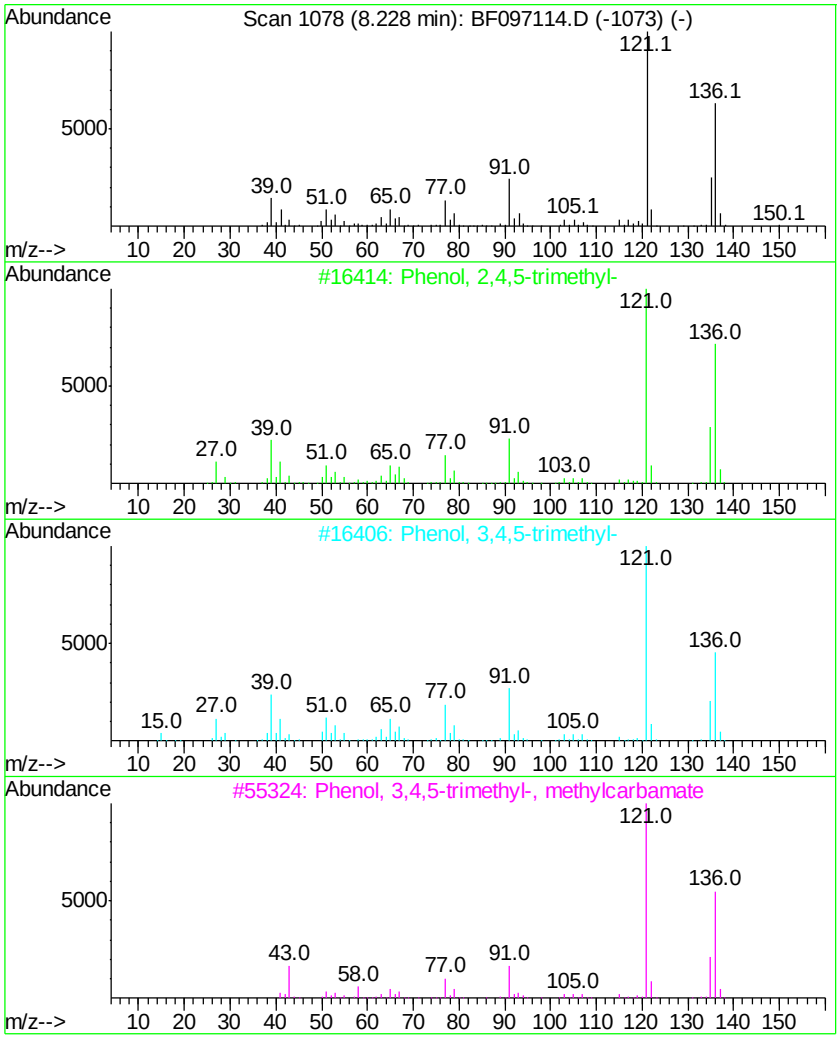
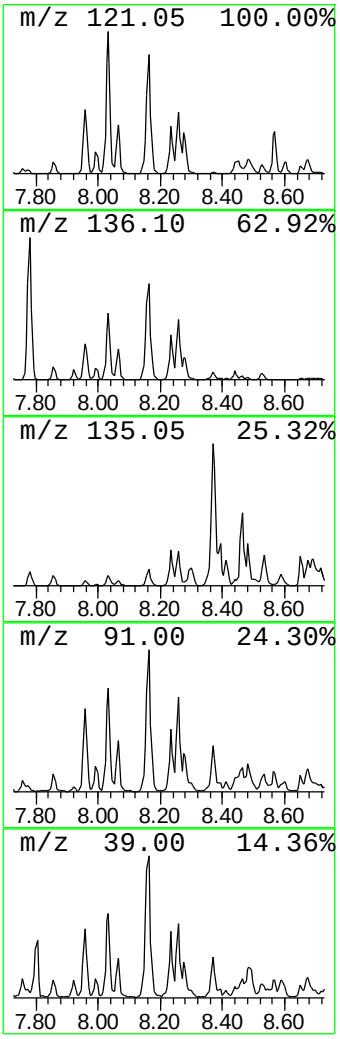
Peak Number 6 Phenol, 2,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	16.31 ng	898552	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	94
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 3,4,5-trimethyl-, methyl...	193	C11H15NO2	002686-99-9	91
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90





Library Search Compound Report

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Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

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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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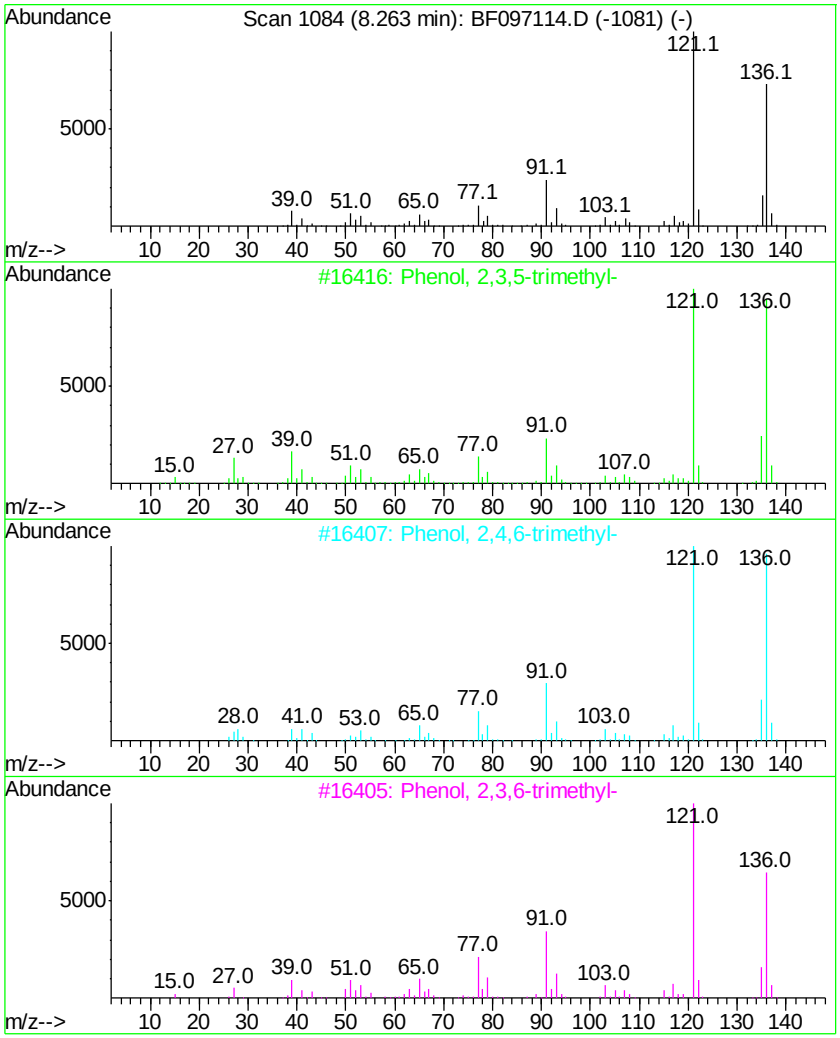
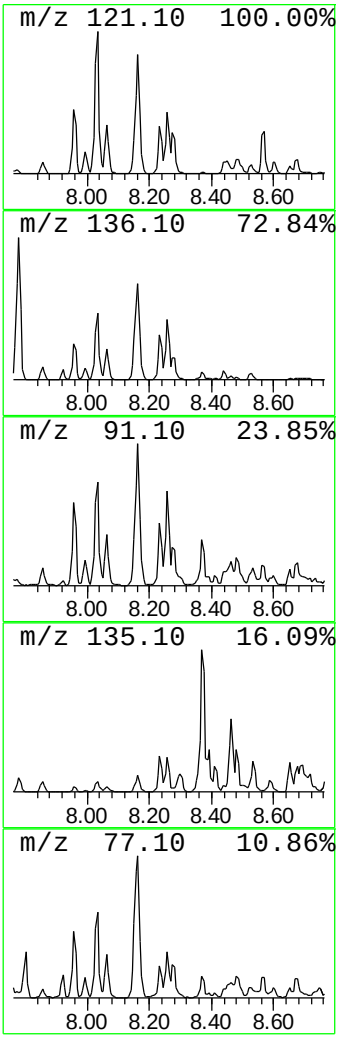
Peak Number 7 Phenol, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	19.62 ng	1080870	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	97
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	94
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94





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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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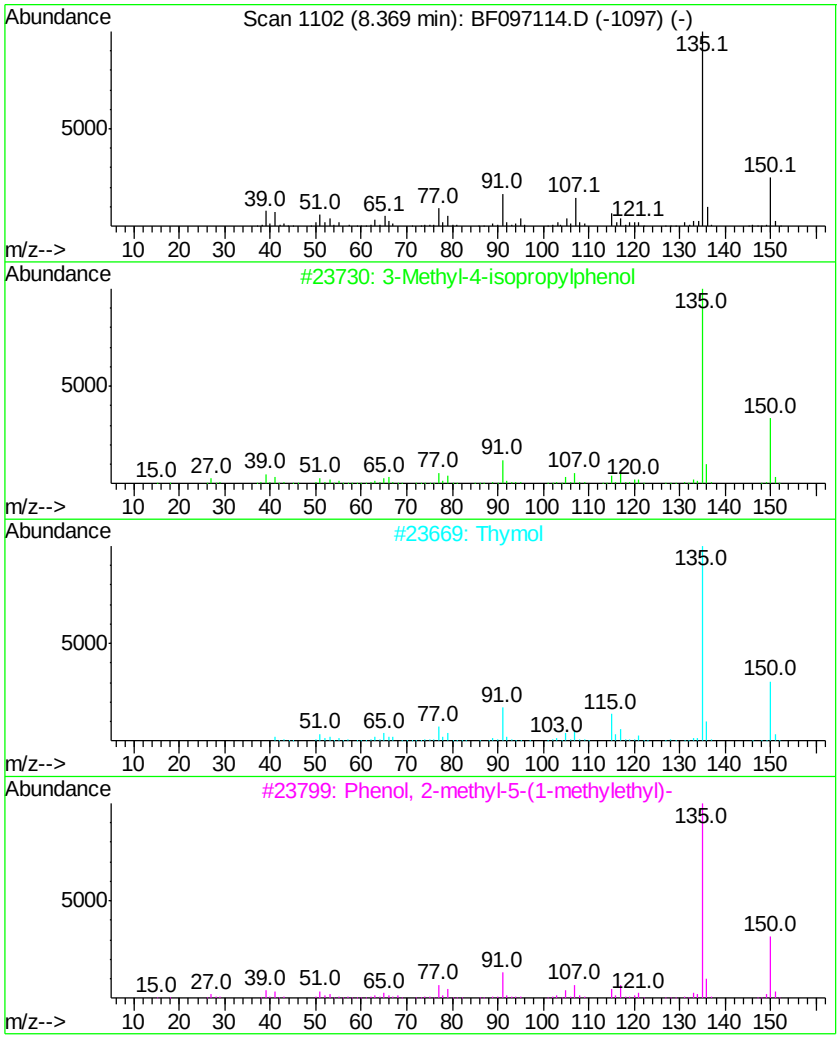
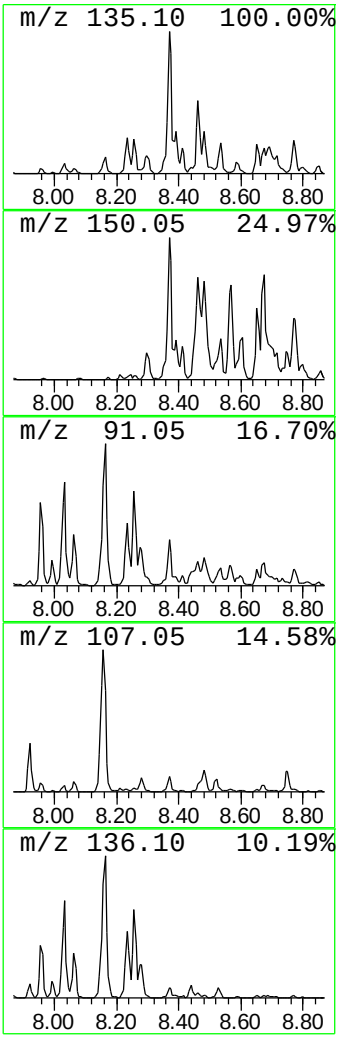
Peak Number 8 3-Methyl-4-isopropylphenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	13.51 ng	744555	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	90
2	Thymol	150	C10H14O	000089-83-8	87
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	87
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	86
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83





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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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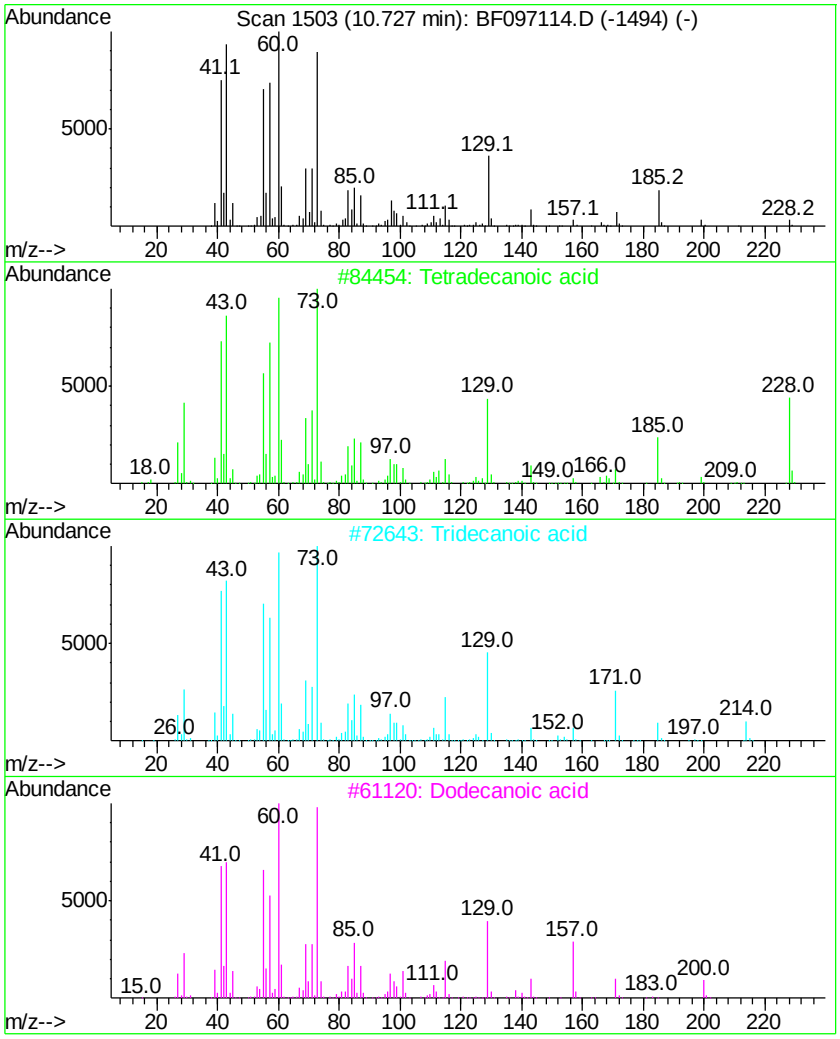
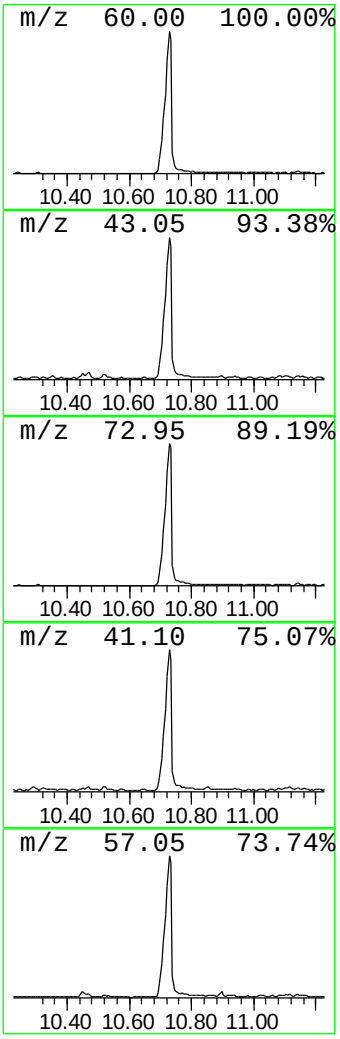
Peak Number 9 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	82.69 ng	2917730	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	18





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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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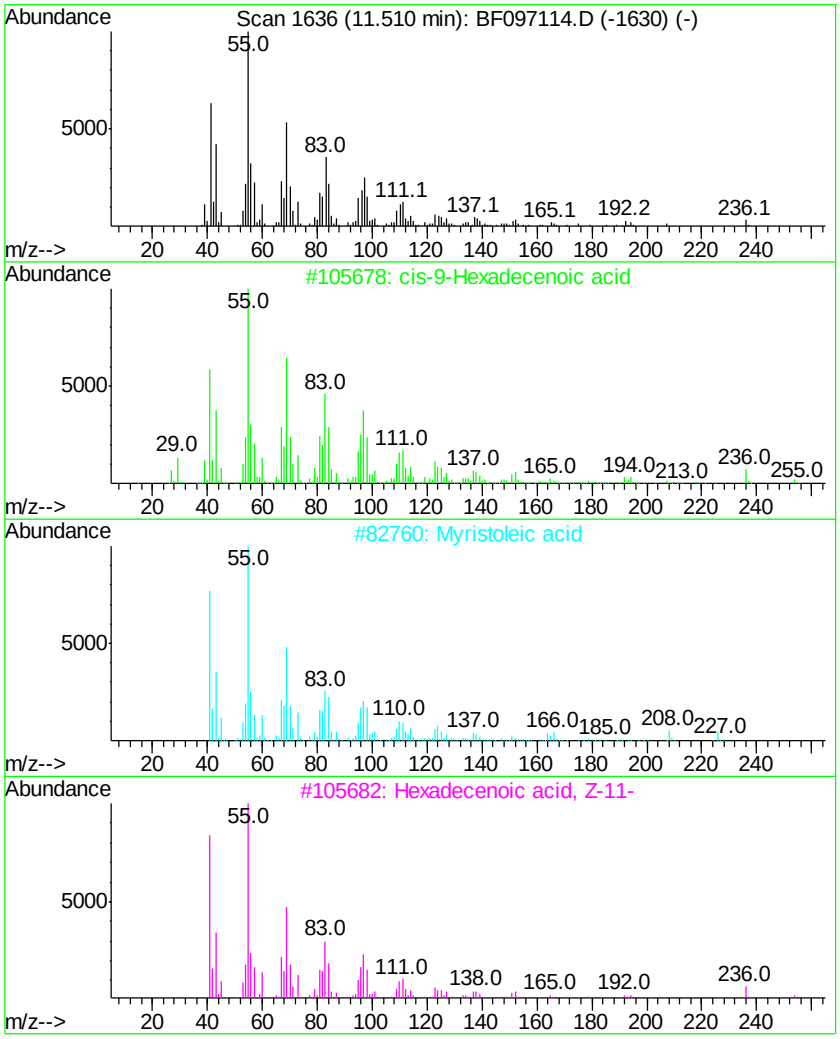
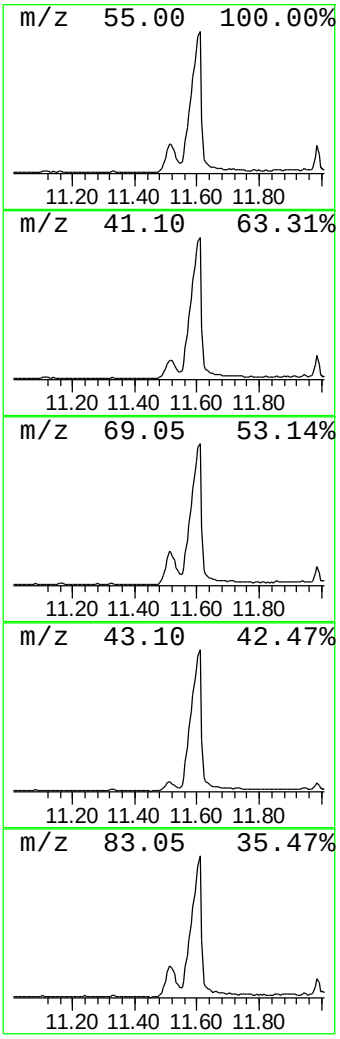
Peak Number 10 cis-9-Hexadecenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	31.34 ng	1105970	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
2	Myristoleic acid	226	C14H26O2	000544-64-9	91
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
4	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	91
5	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	90





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Misc :
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ClientSampleId : E2-M7-ESW

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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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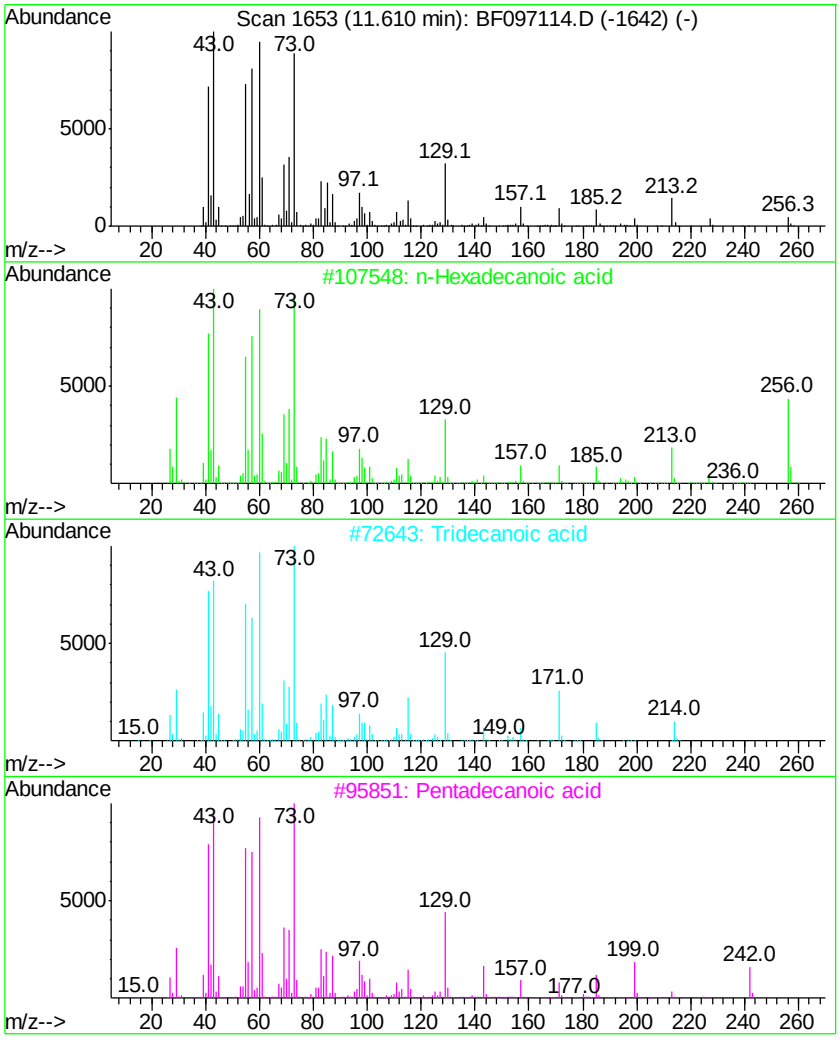
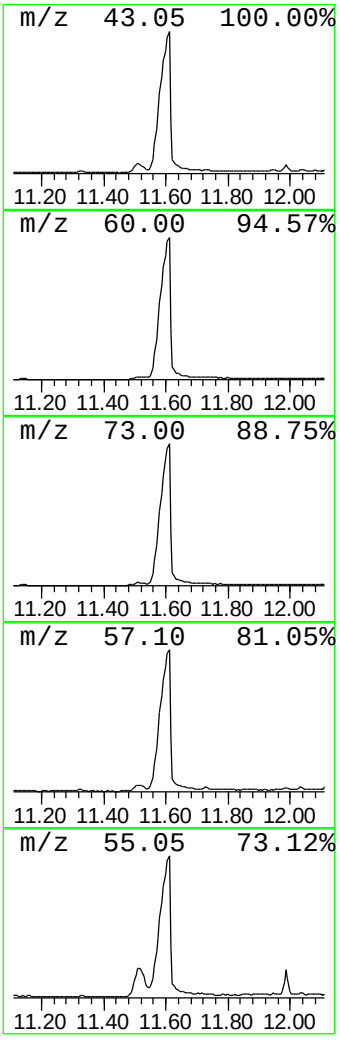
Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	236.02 ng	8328130	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78





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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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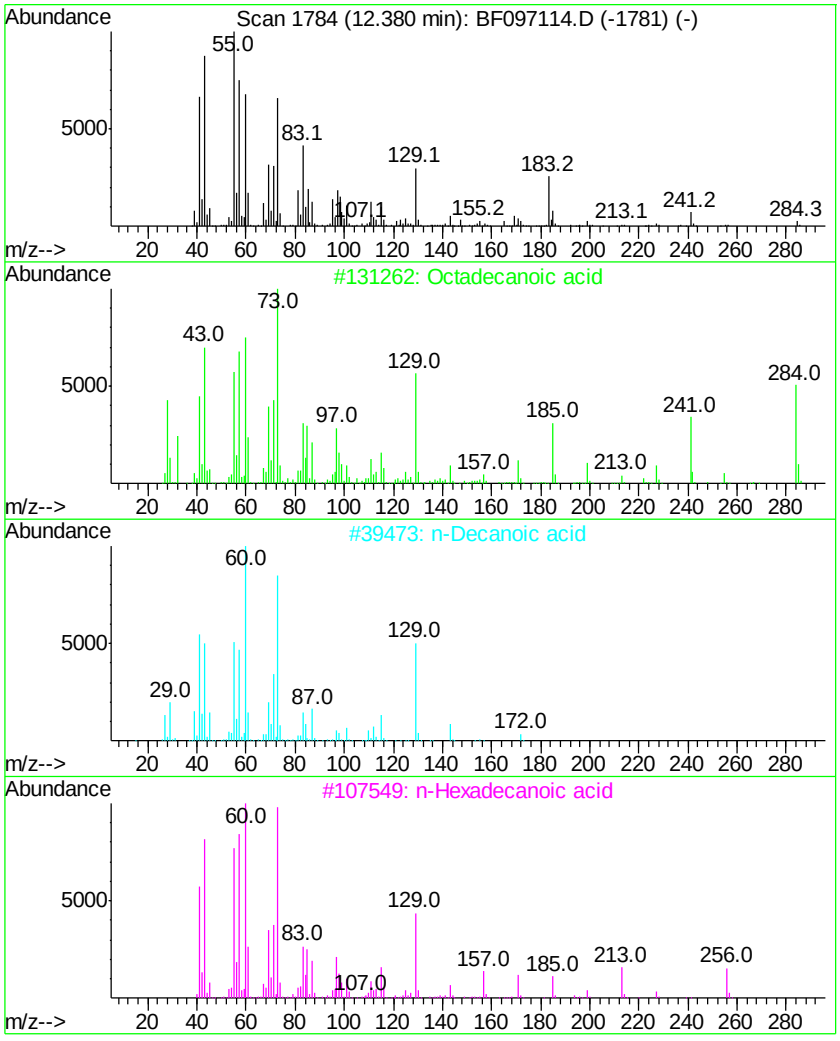
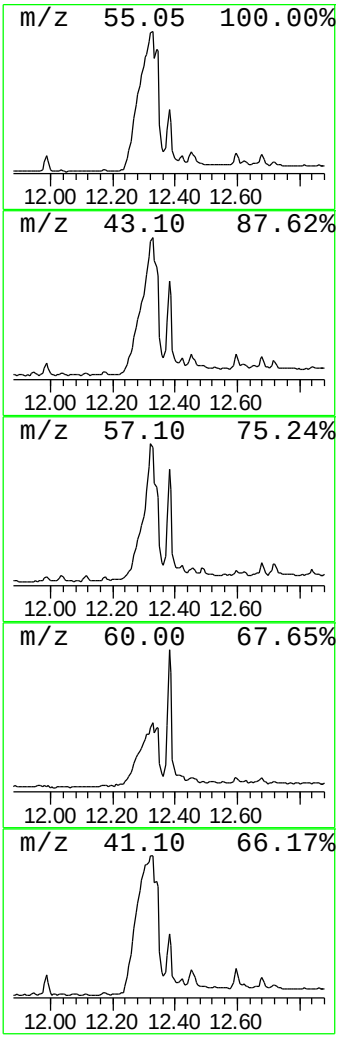
Peak Number 14 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	53.22 ng	1620710	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Decanoic acid	172	C10H20O2	000334-48-5	55
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





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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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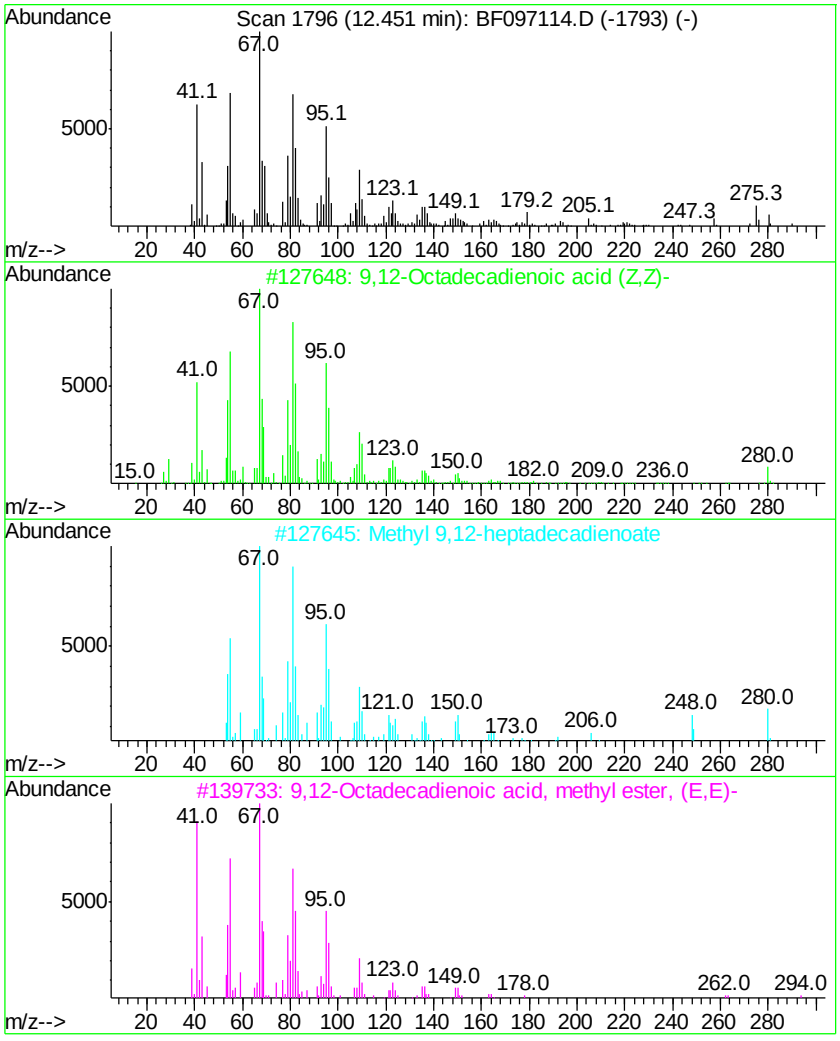
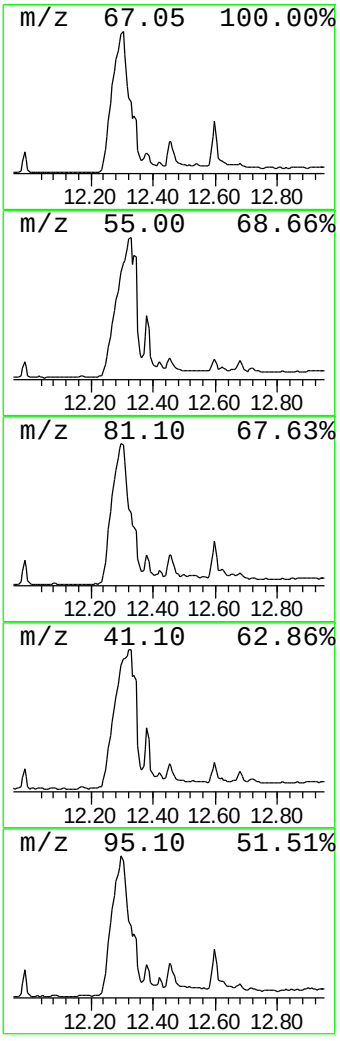
Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	28.74 ng	875239	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	90
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	74
4	3-Hexadecyne	222	C16H30	061886-62-2	72
5	Cyclohexene, 4-pentyl-1-(4-propy...	276	C20H36	108067-17-0	64





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

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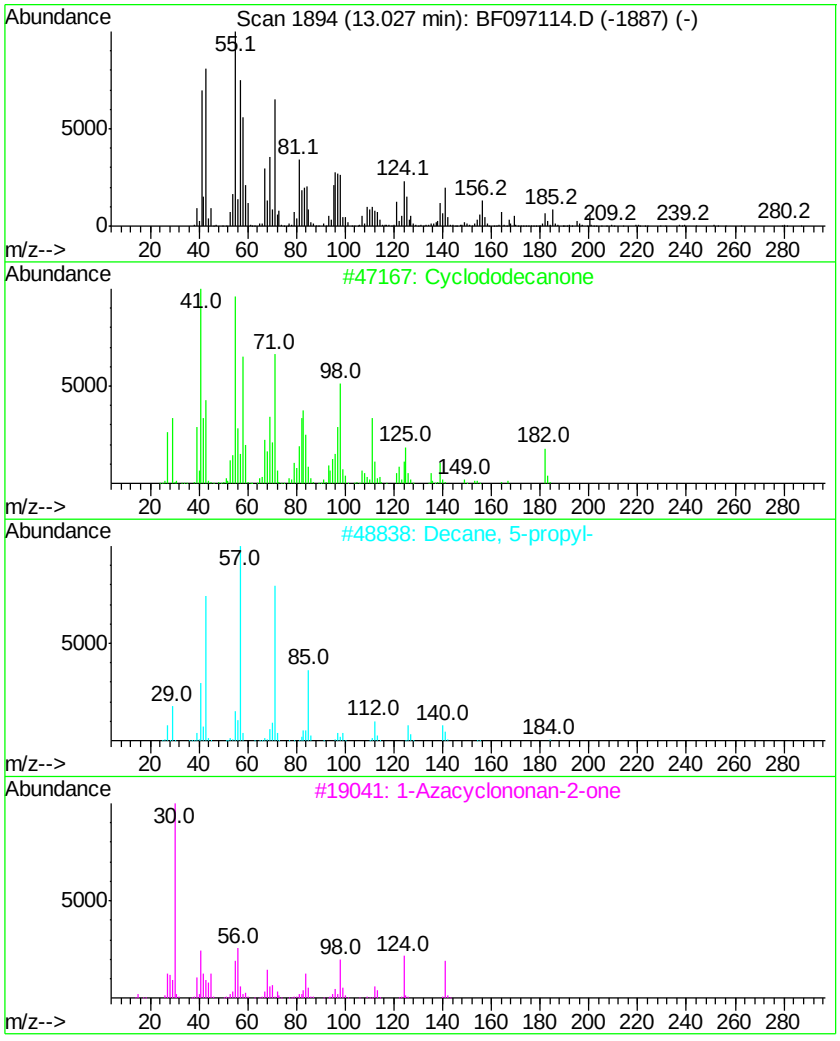
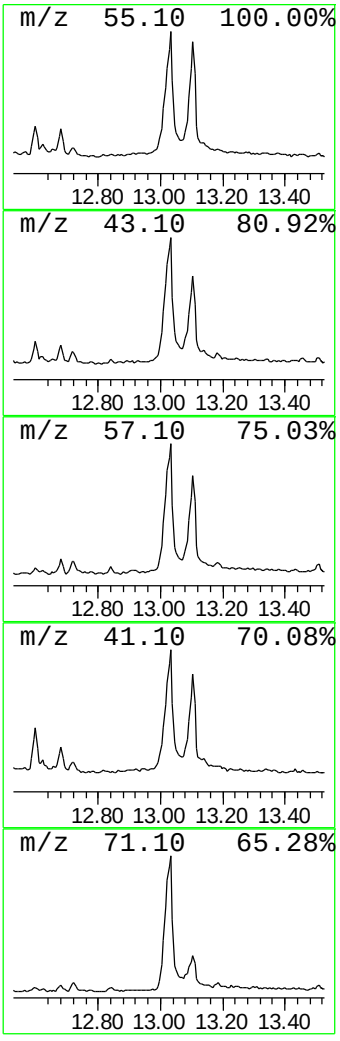
Peak Number 16 Cyclododecanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	109.01 ng	3319800	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone	182	C12H22O	000830-13-7	53
2	Decane, 5-propyl-	184	C13H28	017312-62-8	25
3	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	25
4	13-Tetradecenal	210	C14H26O	085896-31-7	25
5	3-Cyclohexen-1-carboxaldehyde, 3...	124	C8H12O	056980-32-6	25





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TIC Library : C:\DATABASE\NIST11.L
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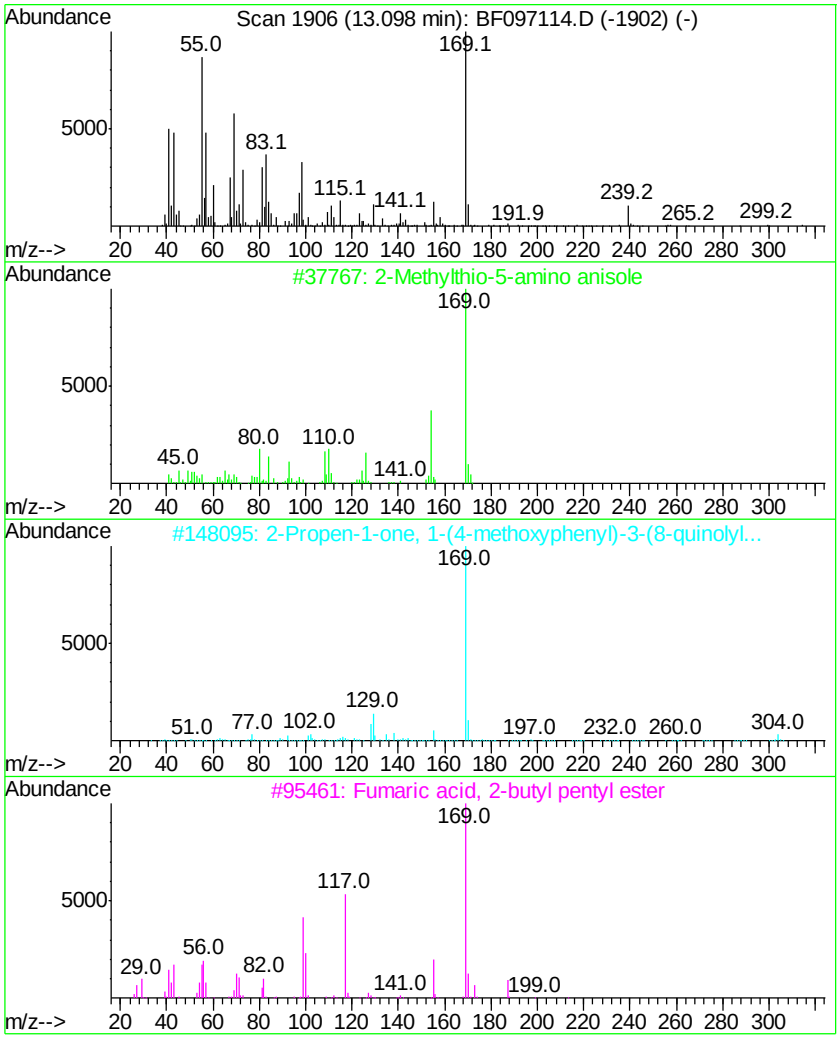
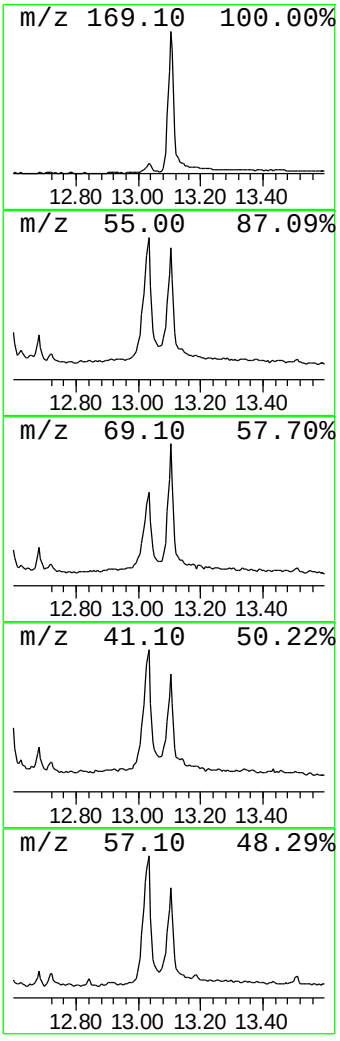
Peak Number 17 unknown13.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	62.36 ng	1899090	Chrysene-d12	13.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylthio-5-amino anisole	169	C8H11NOS	019284-92-5	43
2	2-Propen-1-one, 1-(4-methoxyphen...	304	C19H16N2O2	331945-28-9	38
3	Fumaric acid, 2-butyl pentyl ester	242	C13H22O4	1000348-64-1	38
4	3-Chlorophenyl isothiocyanate	169	C7H4ClNS	002392-68-9	38
5	Diphenylamine	169	C12H11N	000122-39-4	38





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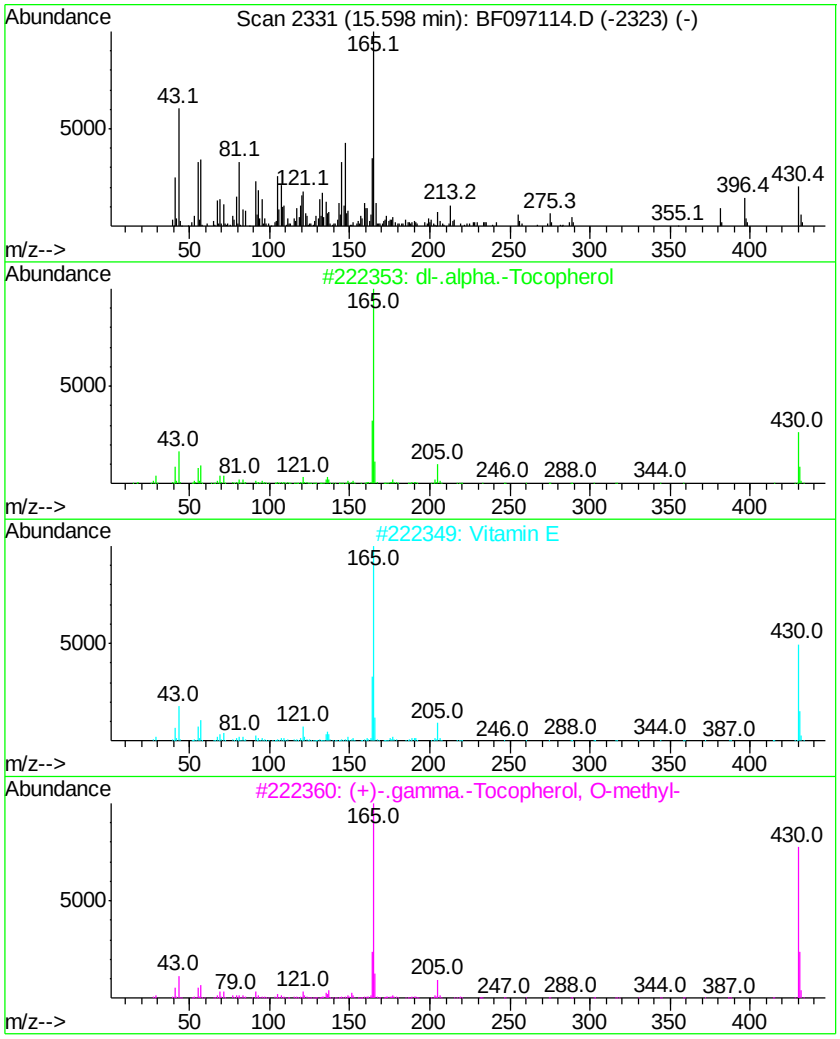
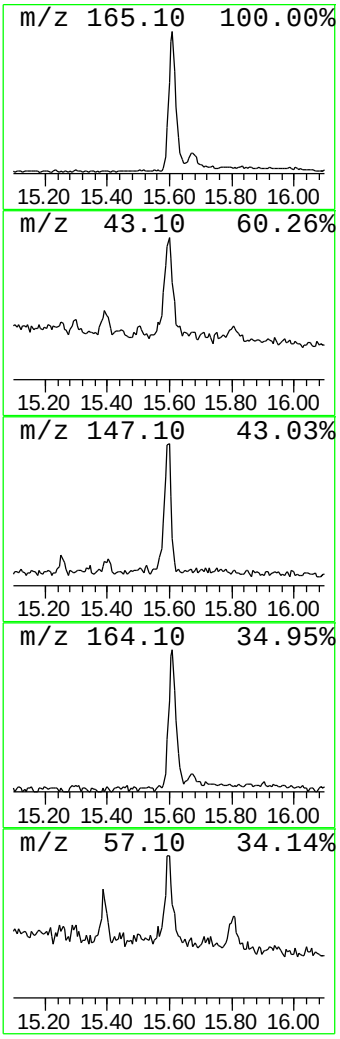
Peak Number 18 dl-.alpha.-Tocopherol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	27.68 ng	614488	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	70
2	Vitamin E	430	C29H50O2	000059-02-9	70
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	55
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	43
5	Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	41





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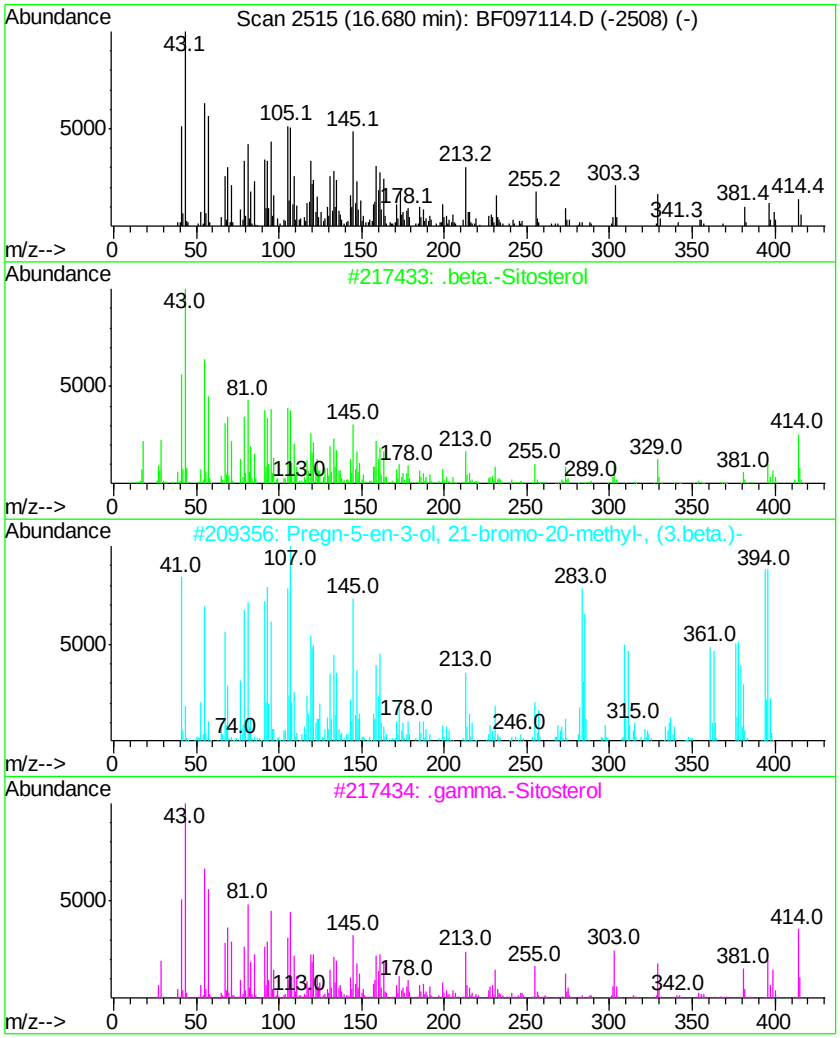
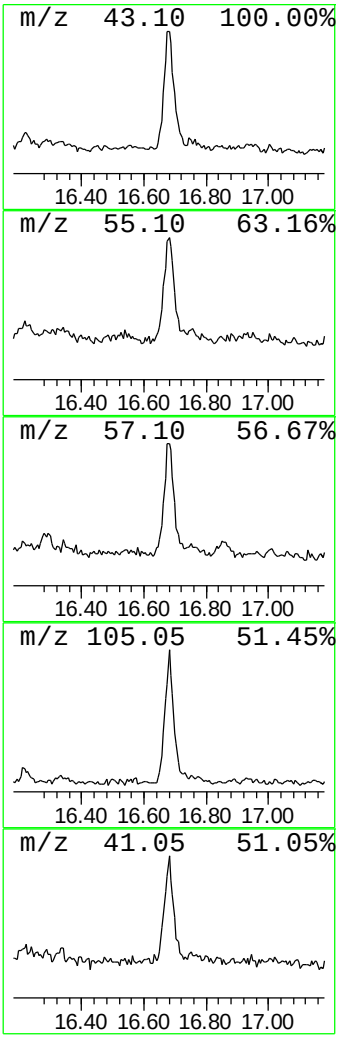
Peak Number 19 .beta.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	43.97 ng	975901	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	86
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	58
4	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	52
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	50





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ClientSampleId : E2-M7-ESW

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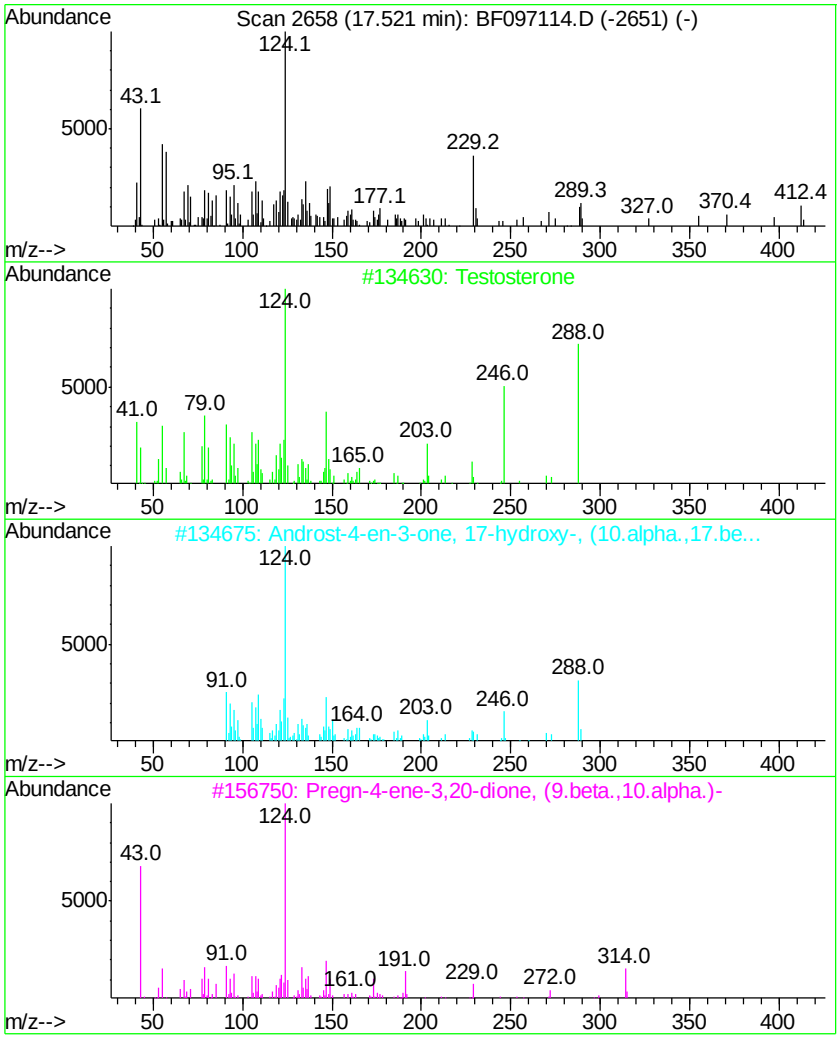
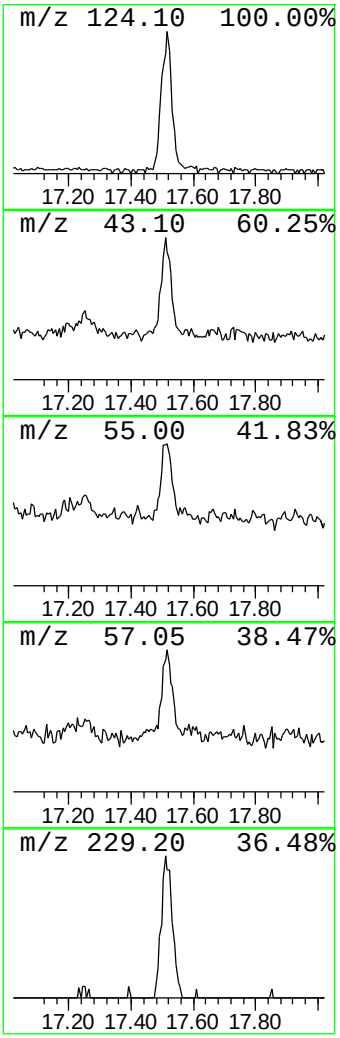
Peak Number 20 Testosterone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	16.08 ng	357015	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	76
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	58
3	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	52
4	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	49
5	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072617\
Data File : BF097114.D
Acq On : 27 Jul 2017 9:30
Operator : SJ/JU
Sample : I4443-12 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M7-ESW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
Benzene, chloro-	4.70	36.7	ng	1627370	1	6.49	887515	20.0
.alpha.-Pinene	5.76	15.3	ng	680885	1	6.49	887515	20.0
Phenol, 2-ethyl-5...	7.96	17.8	ng	981195	2	7.78	1101890	20.0
Benzene, 1-ethyl-...	8.03	30.9	ng	1701310	2	7.78	1101890	20.0
Phenol, 3-ethyl-5...	8.16	54.2	ng	2986960	2	7.78	1101890	20.0
Phenol, 2,4,5-tri...	8.23	16.3	ng	898552	2	7.78	1101890	20.0
Phenol, 2,3,5-tri...	8.26	19.6	ng	1080870	2	7.78	1101890	20.0
3-Methyl-4-isopro...	8.37	13.5	ng	744555	2	7.78	1101890	20.0
Tetradecanoic acid	10.73	82.7	ng	2917730	4	11.00	705701	20.0
cis-9-Hexadecenoi...	11.51	31.3	ng	1105970	4	11.00	705701	20.0
n-Hexadecanoic acid	11.61	236.0	ng	8328130	4	11.00	705701	20.0
Octadecanoic acid	12.38	53.2	ng	1620710	5	13.63	609062	20.0
9,12-Octadecadien...	12.45	28.7	ng	875239	5	13.63	609062	20.0
Cyclododecanone	13.03	109.0	ng	3319800	5	13.63	609062	20.0
unknown13.10	13.10	62.4	ng	1899090	5	13.63	609062	20.0
dl-.alpha.-Tocoph...	15.60	27.7	ng	614488	6	14.98	443926	20.0
.beta.-Sitosterol	16.68	44.0	ng	975901	6	14.98	443926	20.0
Testosterone	17.52	16.1	ng	357015	6	14.98	443926	20.0