LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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	3.987	350	357	369	rBV2	109362	199713	2.80%	0.443%
2	4.716	476	481	493	rVB	1392735	1575263	22.05%	3.492%
3	4.916	512	515	519	rVB	74028	72869	1.02%	0.162%
4	5.034	530	535	543	rBV	178479	258963	3.62%	0.574%
5	5.098	543	546	559	rVB	448730	487315	6.82%	1.080%
6	5.304	578	581	586	rBV	136561	125087	1.75%	0.277%
7	5.393	593	596	599	rBV	88547	82681	1.16%	0.183%
8	5.763	652	659	663	rVB3	167180	200112	2.80%	0.444%
9	5.934	682	688	690	rBV3	70751	96814	1.36%	0.215%
10	6.022	698	703	705	rBV2	118738	121722	1.70%	0.270%
11	6.051	705	708	713	rVB2	67467	78832	1.10%	0.175%
12	6.098	713	716	721	rBV	111816	98122	1.37%	0.218%
13	6.157	723	726	734	rBV2	535552	580262	8.12%	1.286%
14	6.234	737	739	742	rVV	249682	233227	3.26%	0.517%
15	6.269	742	745	749	rVV	638220	581191	8.14%	1.289%
16	6.328	752	755	757	rVV	405792	378756	5.30%	0.840%
17	6.351	757	759	763	rVB	188647	163370	2.29%	0.362%
18	6.439	769	774	777	rBV	247455	238476	3.34%	0.529%
19	6.498	780	784	785	rVV	831664	696829	9.75%	1.545%
20	6.516	785	787	791	rVV	875508	760190	10.64%	1.685%
21	6.557	791	794	797	rVV2	287694	329397	4.61%	0.730%
22	6.581	797	798	801	rVV	90736	81952	1.15%	0.182%
23	6.622	801	805	808	rVV2	214048	220492	3.09%	0.489%
24	6.669	808	813	820	rVB3	1204283	1662920	23.28%	3.687%
25	6.757	826	828	830	rBV	90085	72215	1.01%	0.160%
26	6.787	830	833	836	rVV2	315110	368646	5.16%	0.817%
27	6.828	839	840	843	rVB	120284	93718	1.31%	0.208%
28	6.904	849	853	857	rBV3	48602	73487	1.03%	0.163%
29	6.975	862	865	867	rVV	85377	79907	1.12%	0.177%
30	6.998	867	869	871	rVV	94821	73784	1.03%	0.164%
31	7.045	871	877	878	rVV2	212815	229214	3.21%	0.508%
32	7.063	878	880	884	rVV2	411929	419032	5.87%	0.929%
33	7.122	888	890	893	rVB	148614	111341	1.56%	0.247%
34	7.204	899	904	911	rBV3	106437	175249	2.45%	0.389%

LSC Area Percent Report

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Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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	7.281	915	917	919	rVV	102145	75008	1.05%	0.166%
36	7.310	919	922	925	rVB	138753	122725	1.72%	0.272%
37	7.375	930	933	937	rBV	89819	87989	1.23%	0.195%
38	7.463	943	948	954	rBV	718837	993338	13.90%	2.202%
39	7.528	954	959	963	rVV2	644644	745933	10.44%	1.654%
40	7.581	963	968	969	rVV	390780	455770	6.38%	1.010%
41	7.598	969	971	974	rVV	1144706	1049977	14.70%	2.328%
42	7.622	974	975	978	rVV2	162789	136439	1.91%	0.302%
43	7.657	978	981	985	rVB	446393	369721	5.18%	0.820%
44	7.763	995	999	1001	rVV	1081181	948942	13.28%	2.104%
45	7.816	1001	1008	1011	rVV2	4569424	7143884	100.00%	15.838%
46	7.863	1011	1016	1022	rVB2	175548	211899	2.97%	0.470%
47	7.928	1022	1027	1029	rBV2	101197	109961	1.54%	0.244%
48	7.963	1029	1033	1036	rBV	675336	527711	7.39%	1.170%
49	7.998	1036	1039	1042	rVB	196275	144940	2.03%	0.321%
50	8.034	1042	1045	1048	rBV	859087	759775	10.64%	1.684%
51	8.069	1048	1051	1054	rVB	602568	458163	6.41%	1.016%
52	8.163	1062	1067	1074	rBV	1859840	1795778	25.14%	3.981%
53	8.239	1074	1080	1082	rVV	593709	578426	8.10%	1.282%
54	8.263	1082	1084	1085	rVV	816925	610745	8.55%	1.354%
55	8.281	1085	1087	1094	rVV	505615	489241	6.85%	1.085%
56	8.375	1098	1103	1105	rVV	347785	299776	4.20%	0.665%
57	8.445	1112	1115	1117	rBV	137780	139705	1.96%	0.310%
58	8.498	1120	1124	1127	rVV	2417712	2221464	31.10%	4.925%
59	8.528	1127	1129	1131	rVV2	145710	140052	1.96%	0.311%
60	8.551	1131	1133	1135	rVV2	180277	153579	2.15%	0.340%
61	8.569	1135	1136	1137	rVV	156710	103504	1.45%	0.229%
62	8.598	1137	1141	1147	rVB	1682290	1632039	22.85%	3.618%
63	8.657	1147	1151	1152	rBV2	107761	94529	1.32%	0.210%
64	8.675	1152	1154	1160	rVV3	148163	204663	2.86%	0.454%
65	8.775	1169	1171	1174	rBV2	111761	99757	1.40%	0.221%
66	8.857	1181	1185	1188	rBV	594332	465139	6.51%	1.031%
67	8.957	1198	1202	1209	rVB3	154713	194588	2.72%	0.431%
68	9.257	1250	1253	1256	rBV	106041	97651	1.37%	0.216%
69	9.504	1289	1295	1296	rBV	118068	117508	1.64%	0.261%
70	9.528	1296	1299	1303	rVB2	925536	782416	10.95%	1.735%
71	10.310	1426	1432	1442	rBV	262434	291589	4.08%	0.646%

LSC Area Percent Report

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Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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	10.469	1457	1459	1462	rVB	152555	122483	1.71%	0.272%
73	10.522	1464	1468	1475	rVB	213268	208396	2.92%	0.462%
74	10.710	1495	1500	1506	rBV	553730	547056	7.66%	1.213%
75	10.998	1546	1549	1552	rBV	757675	643310	9.01%	1.426%
76	11.122	1565	1570	1575	rVB2	237871	319434	4.47%	0.708%
77	11.580	1641	1648	1651	rBV	2082737	2782704	38.95%	6.169%
78	12.257	1757	1763	1766	rBV3	68644	123200	1.72%	0.273%
79	12.345	1774	1778	1782	rBV	172169	176717	2.47%	0.392%
80	12.386	1782	1785	1789	rVB2	96913	94968	1.33%	0.211%
81	12.580	1814	1818	1821	rBV	306392	259432	3.63%	0.575%
82	13.045	1893	1897	1904	rBV	59227	93734	1.31%	0.208%
83	13.504	1971	1975	1979	rBV2	71601	81002	1.13%	0.180%
84	13.621	1991	1995	1999	rBV	634019	569667	7.97%	1.263%
85	14.974	2221	2225	2229	rVB	374346	411346	5.76%	0.912%
86	15.392	2291	2296	2300	rBV2	64206	106960	1.50%	0.237%
87	15.592	2326	2330	2337	rVB2	176679	301780	4.22%	0.669%
88	16.227	2432	2438	2444	rVB9	58130	136319	1.91%	0.302%
89	16.698	2507	2518	2528	rBV5	532346	1769653	24.77%	3.923%
90	17.251	2607	2612	2619	rVB6	49408	105277	1.47%	0.233%
91	17.509	2648	2656	2666	rVB3	143460	376403	5.27%	0.834%

Sum of corrected areas: 45105313

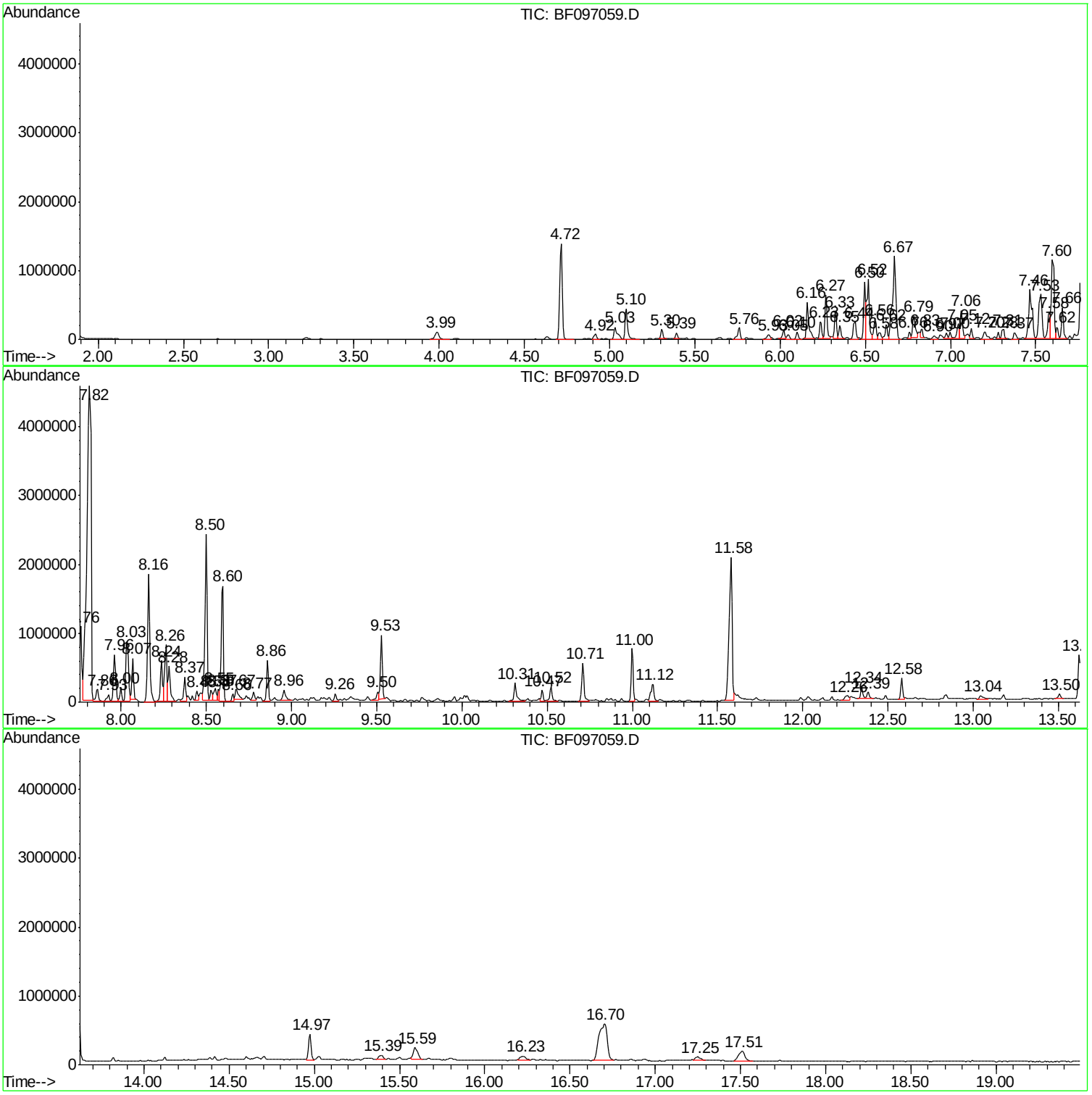
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

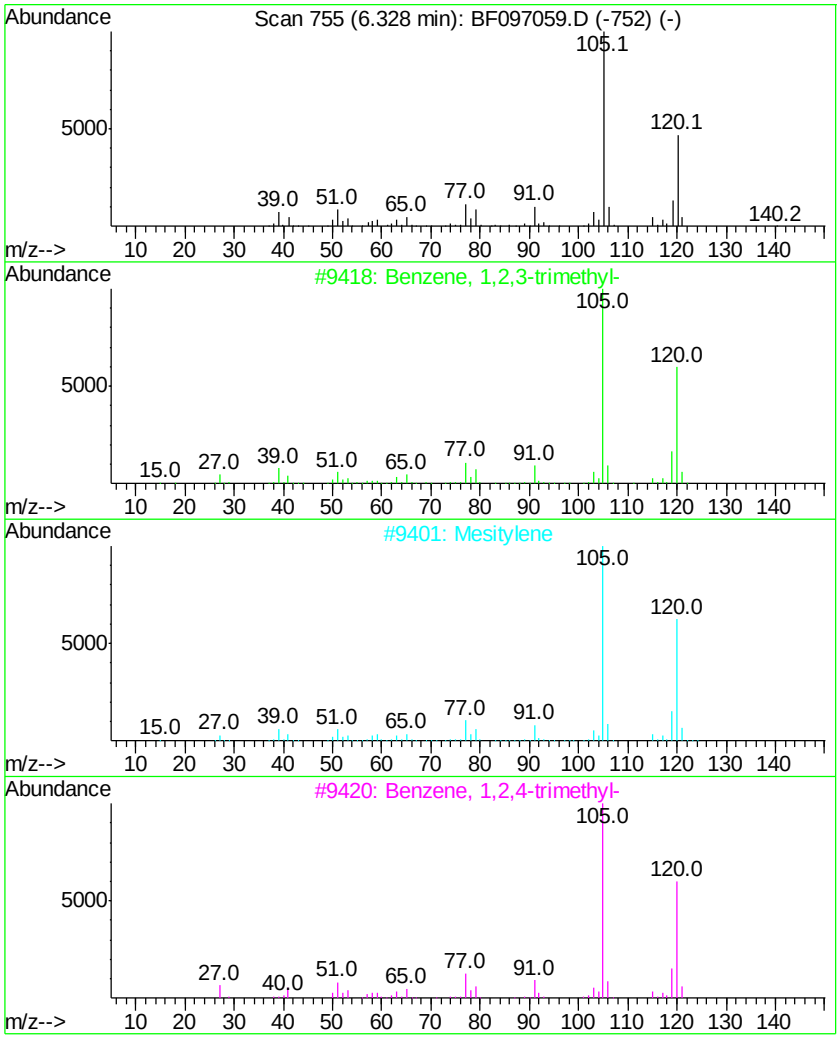
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

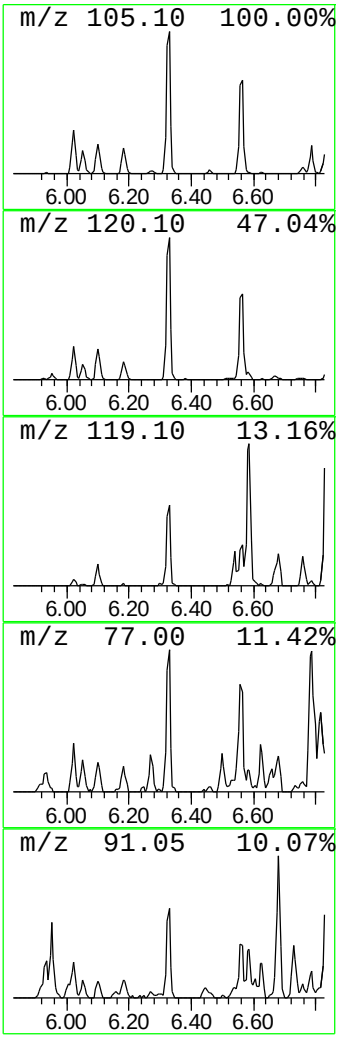
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	10.87 ng	378756	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

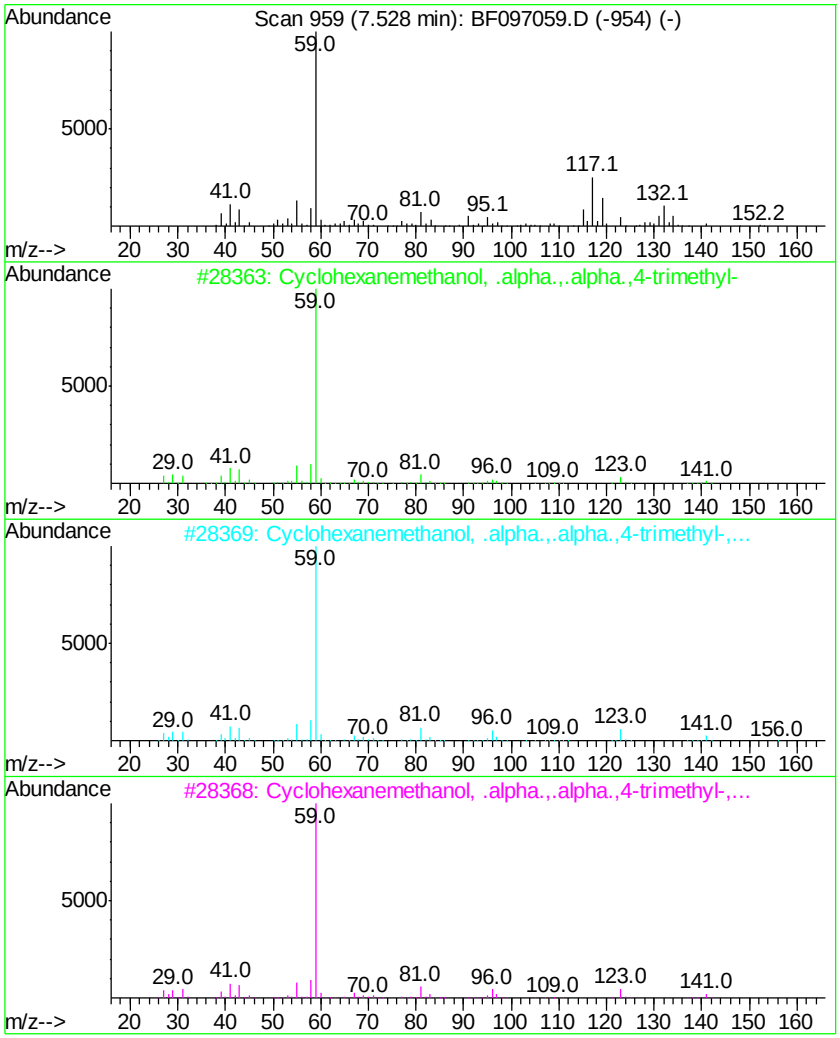
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

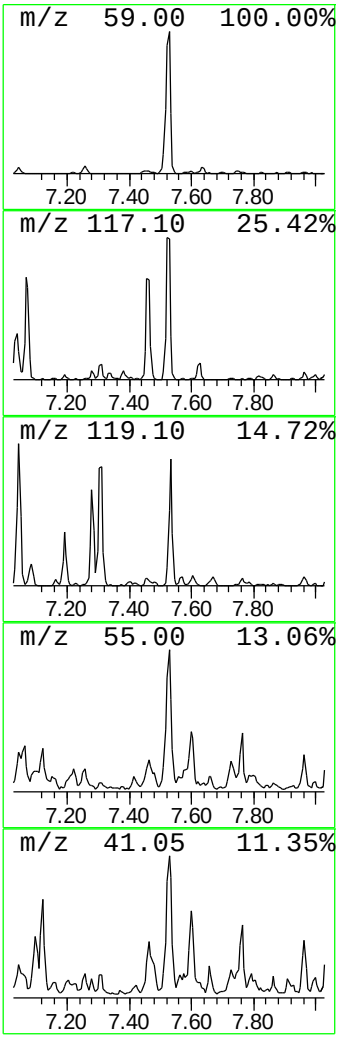
****

Peak Number 3 Cyclohexanemethanol, .alpha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	15.72 ng	745933	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	50
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	47
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	47
4	Methyl N-chloroacetylcarbamate	151	C4H6ClNO3	013558-70-8	43
5	o-Menthan-8-ol	156	C10H20O	343855-44-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

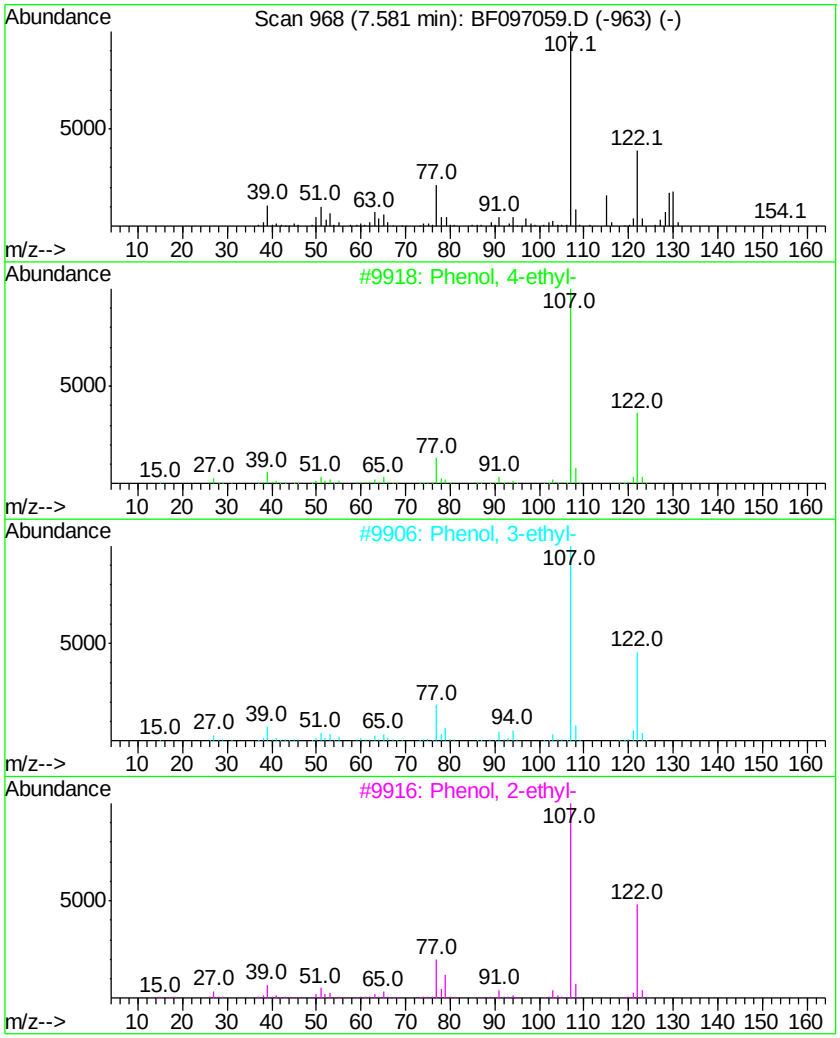
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

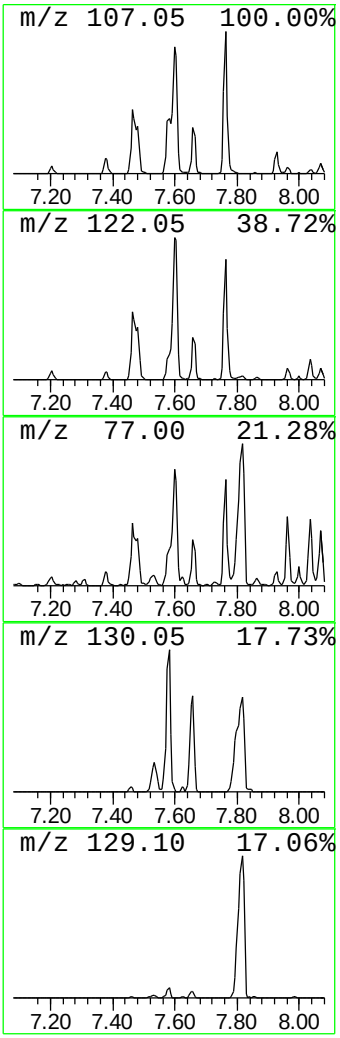
****

Peak Number 4 Phenol, 4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	9.61 ng	455770	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	76
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	70
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	68
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	59
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

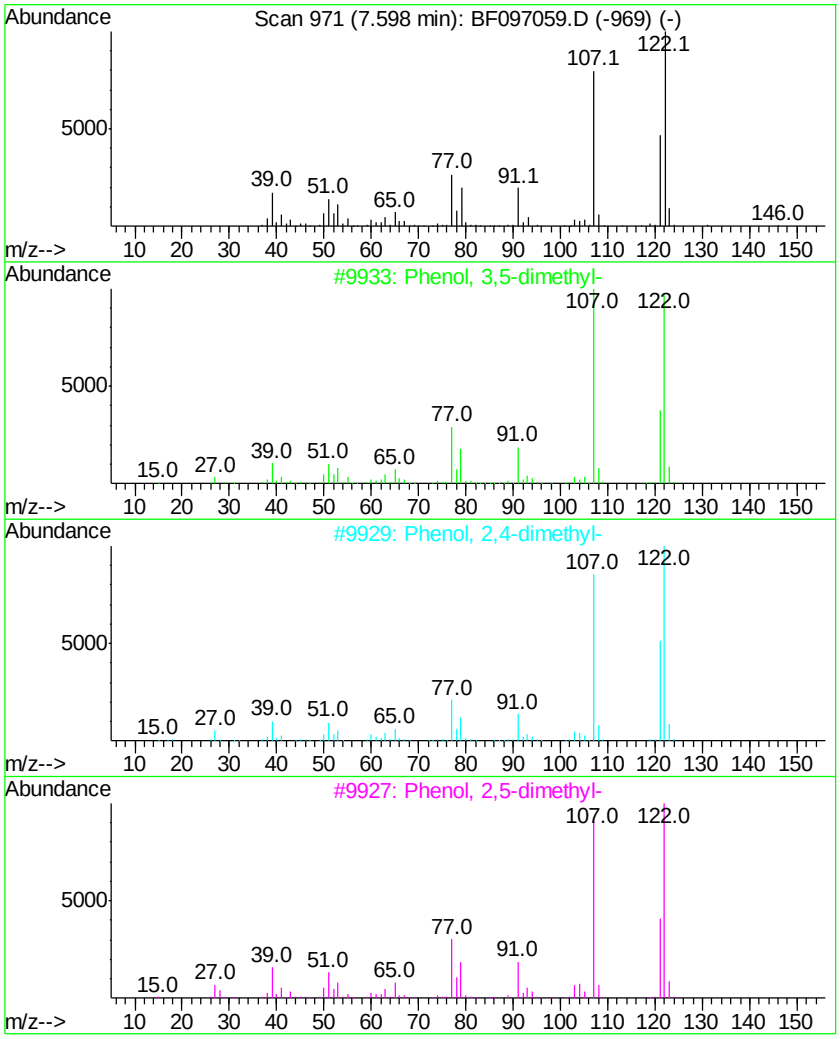
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

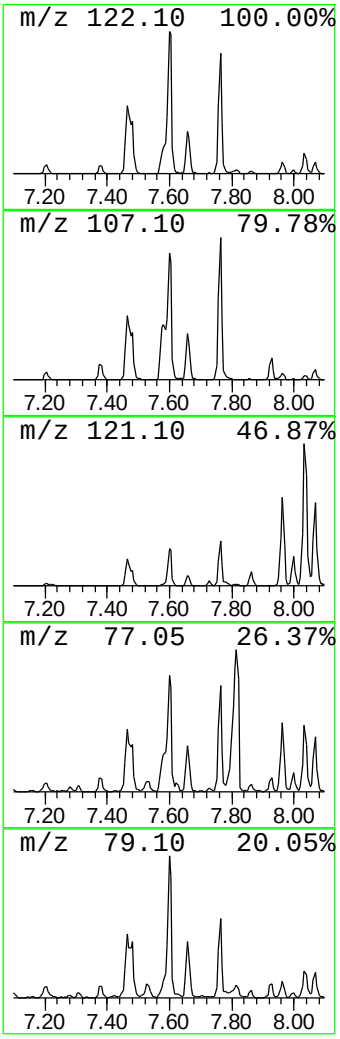
****

Peak Number 5 Phenol, 3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	22.13 ng	1049980	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	86
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

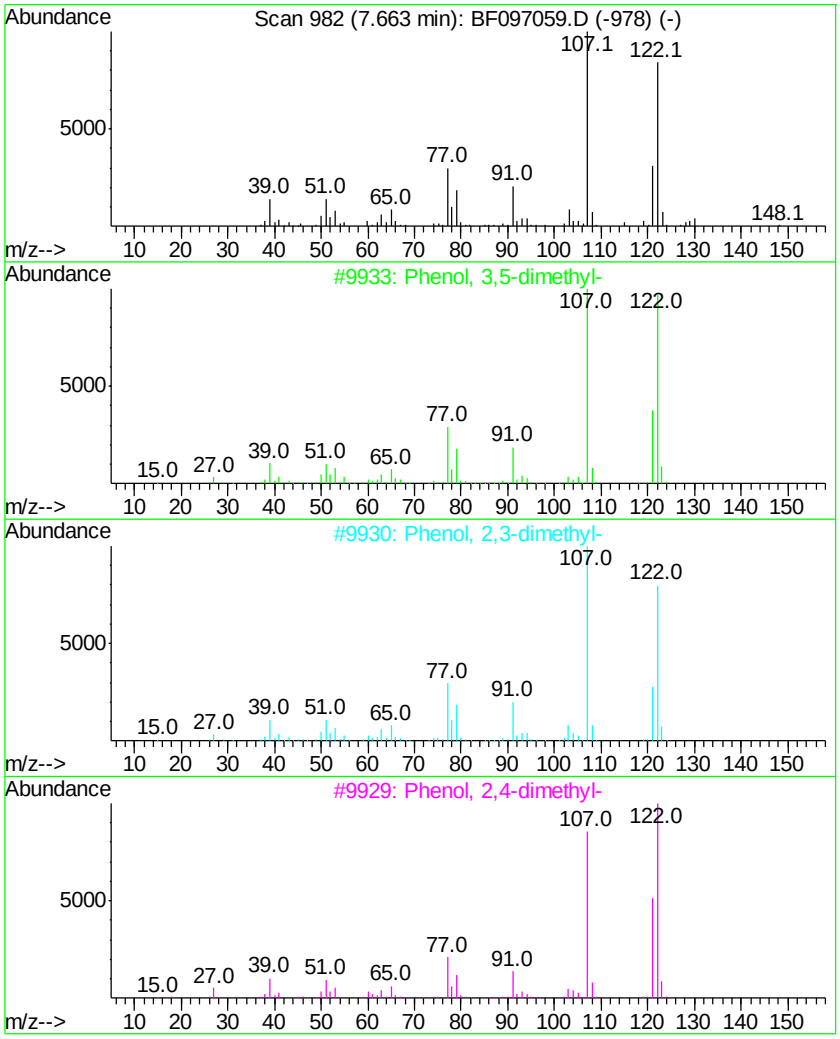
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

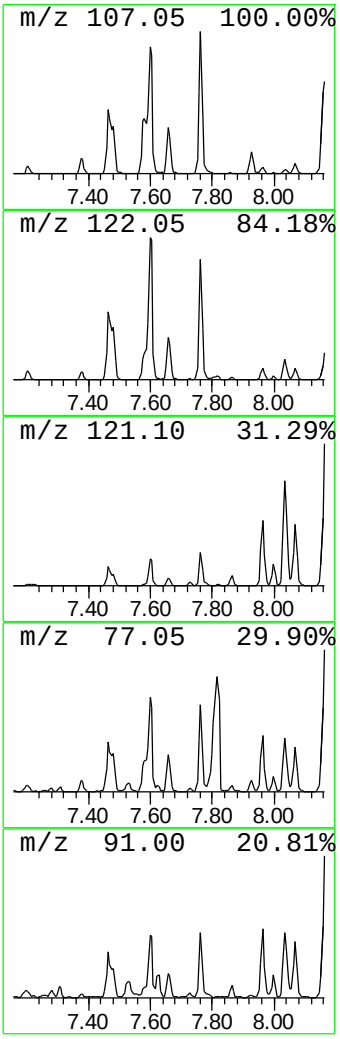
****

Peak Number 6 Phenol, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	7.79 ng	369721	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

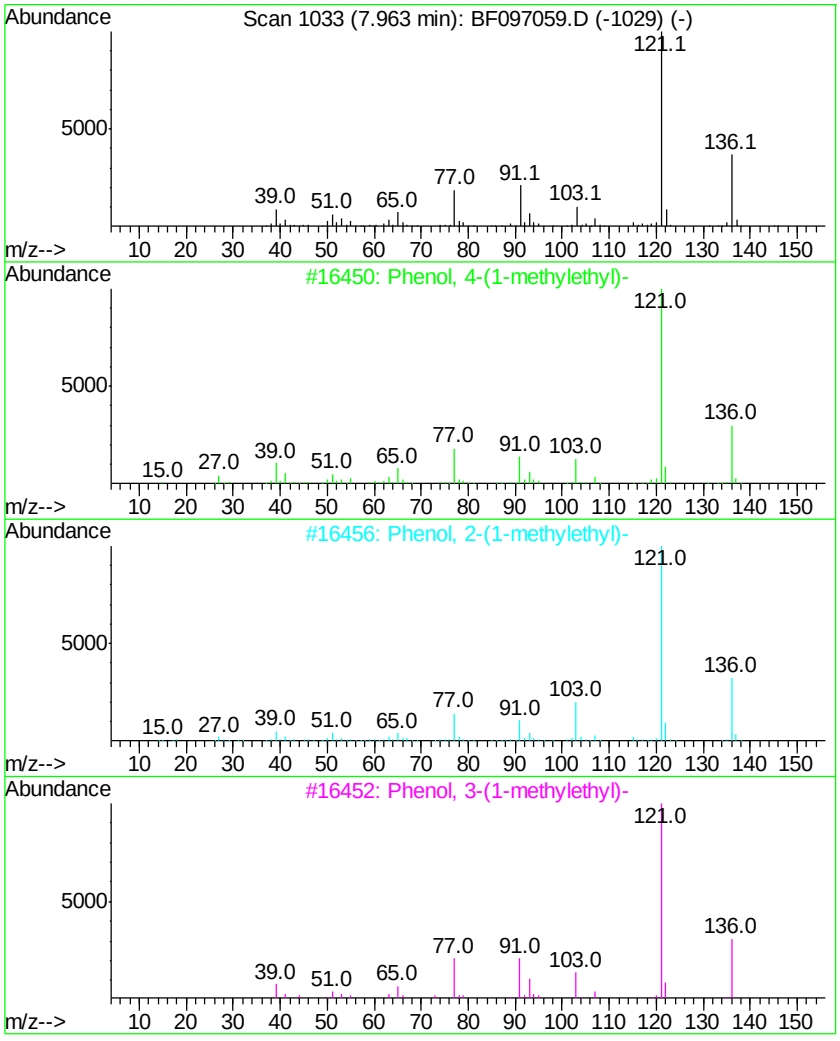
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

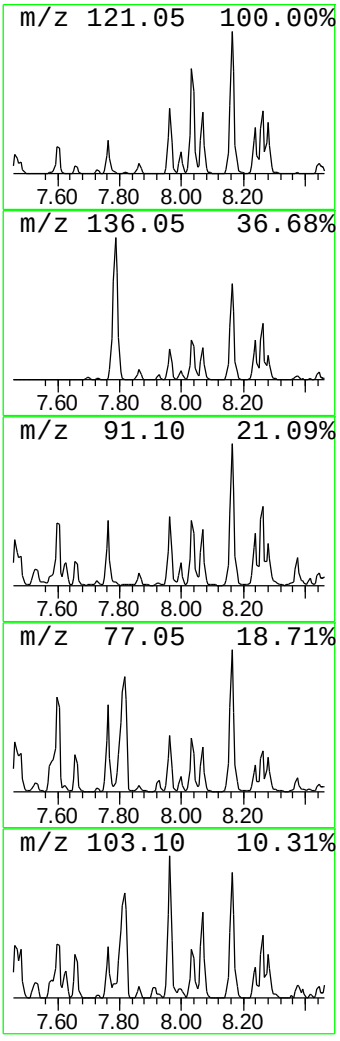
****

Peak Number 7 Phenol, 4-(1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	11.12 ng	527711	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90





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Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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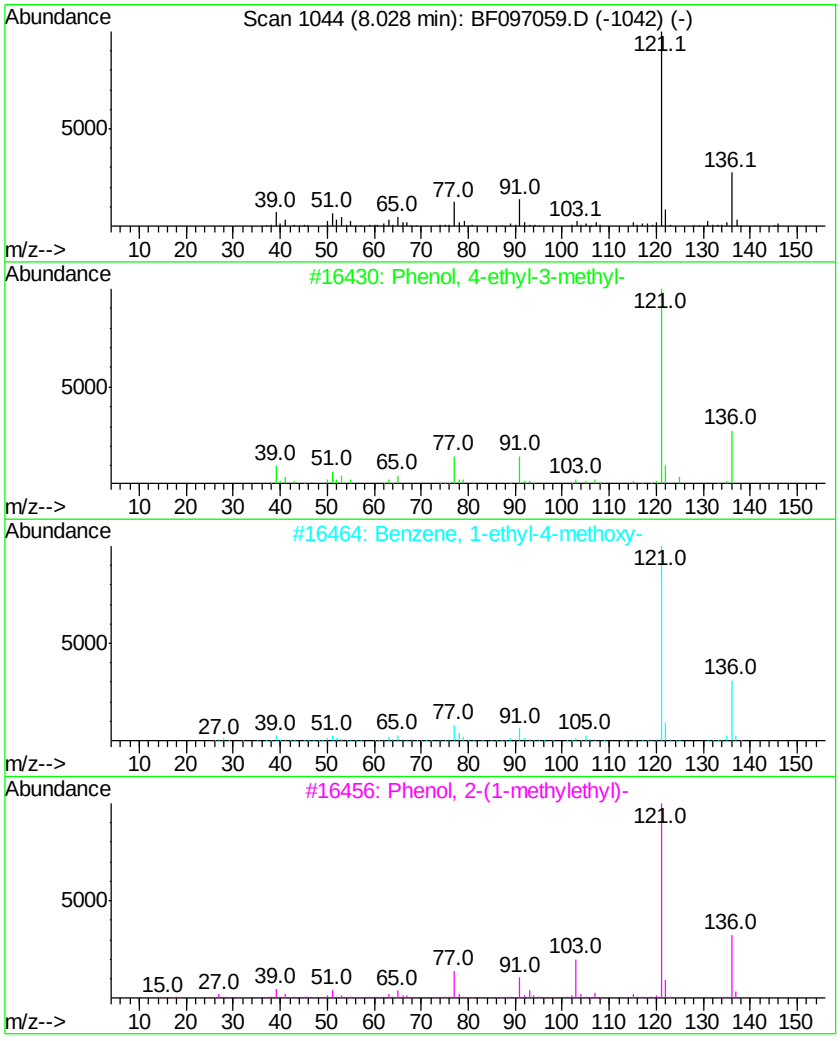
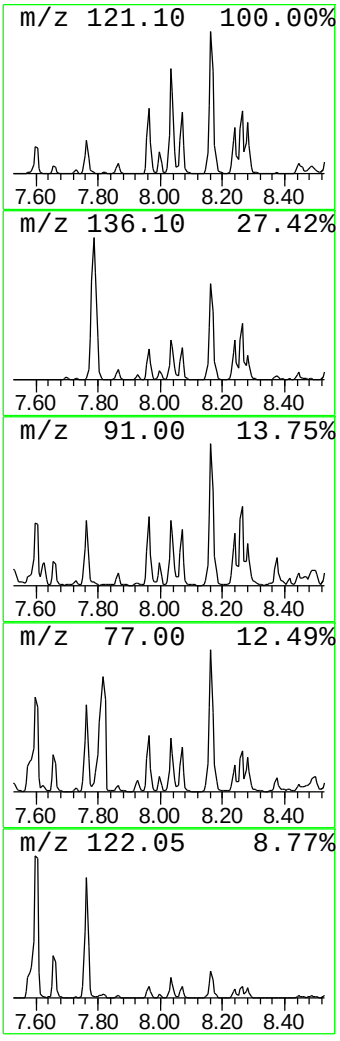
Peak Number 8 Phenol, 4-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	16.01 ng	759775	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	94
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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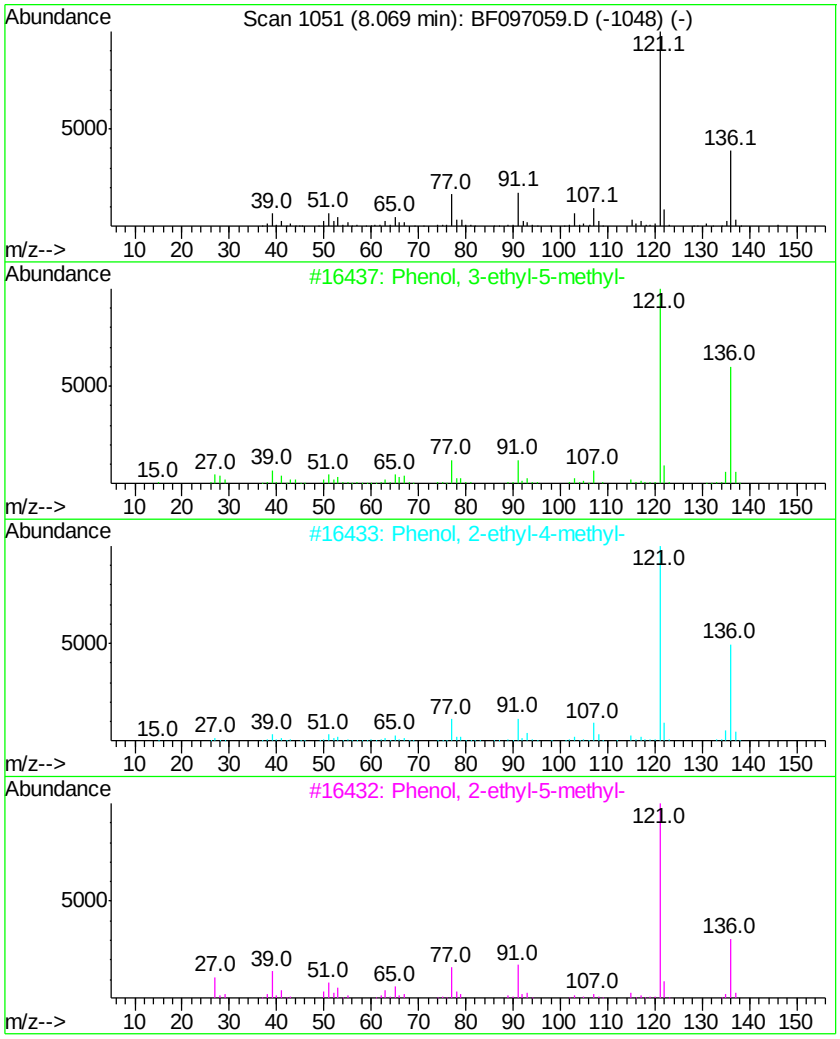
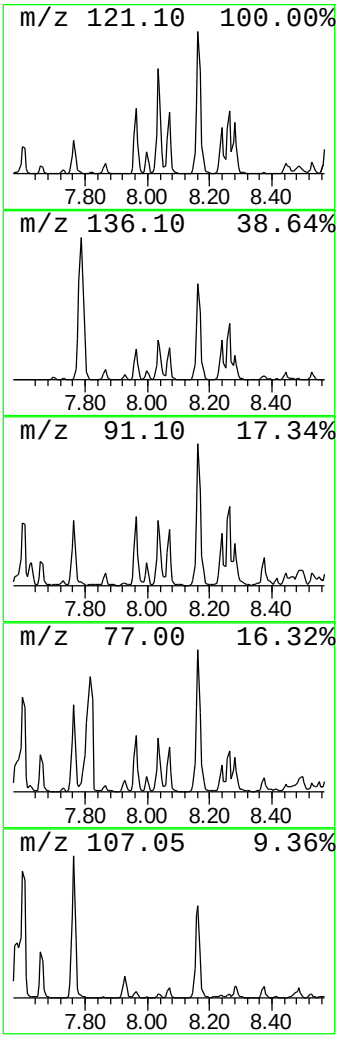
Peak Number 9 Phenol, 3-ethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	9.66 ng	458163	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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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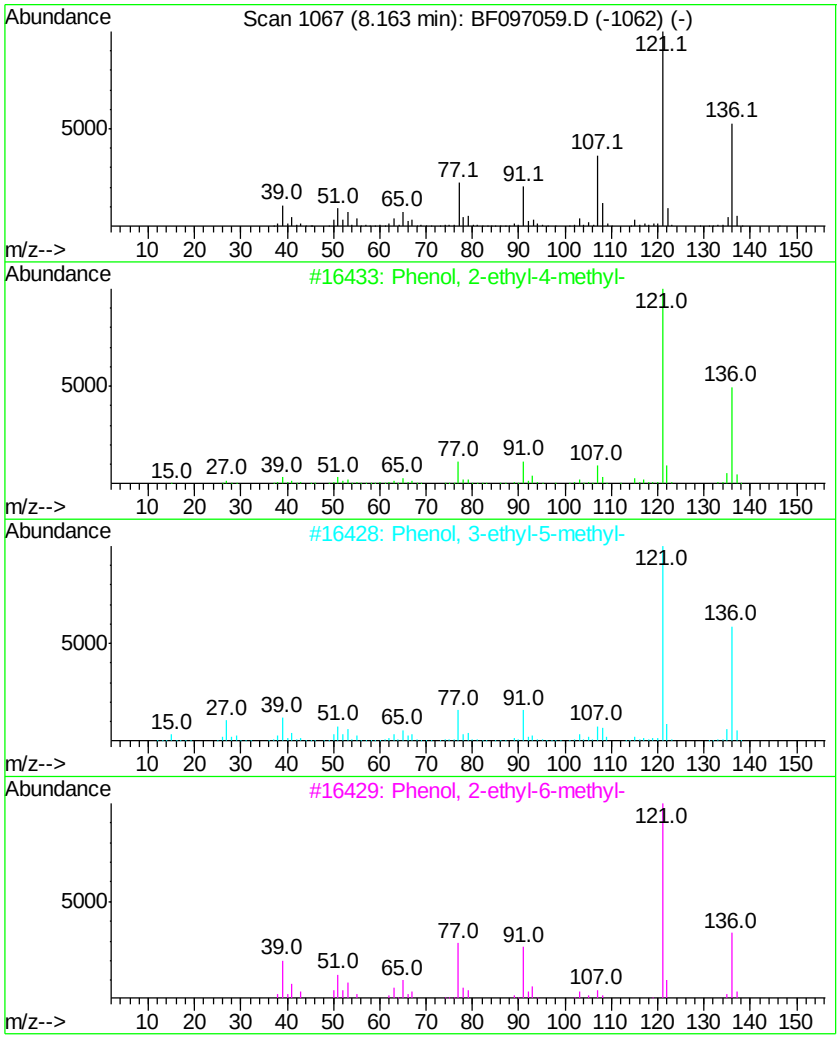
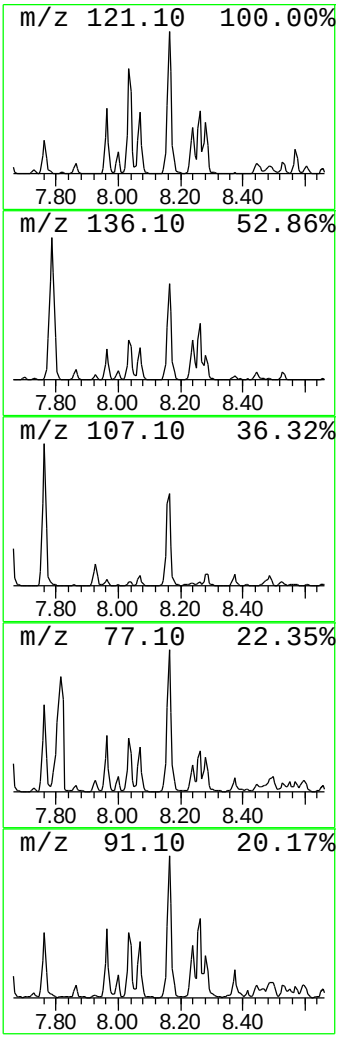
Peak Number 10 Phenol, 2-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	37.85 ng	1795780	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	72
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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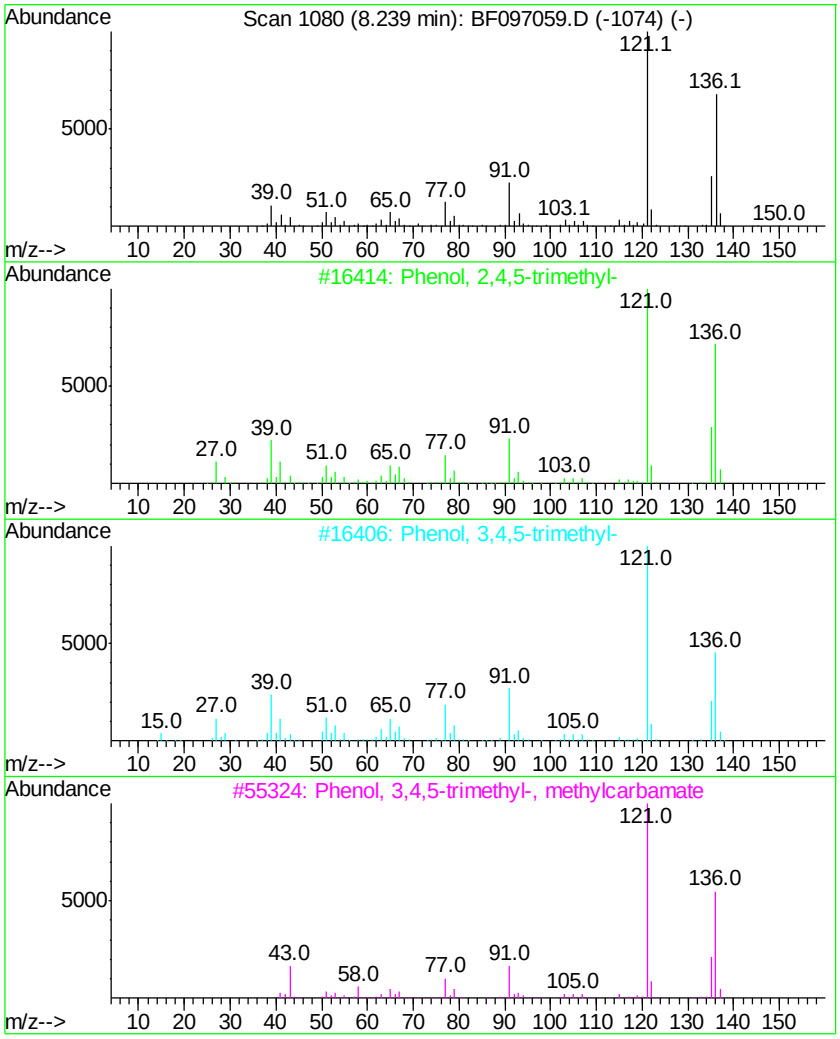
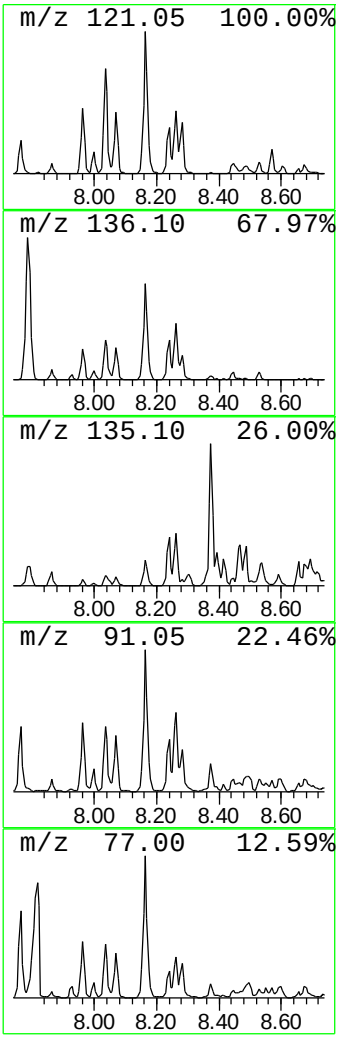
Peak Number 11 Phenol, 2,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	12.19 ng	578426	Naphthalene-d8	7.79

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, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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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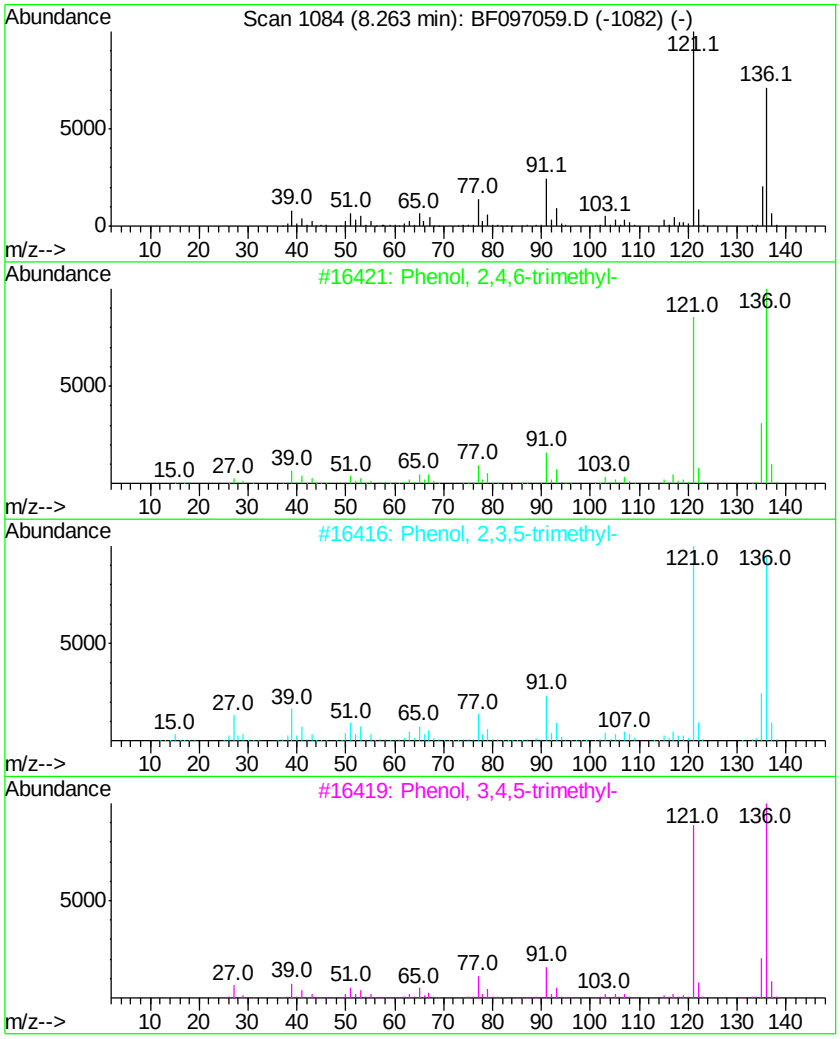
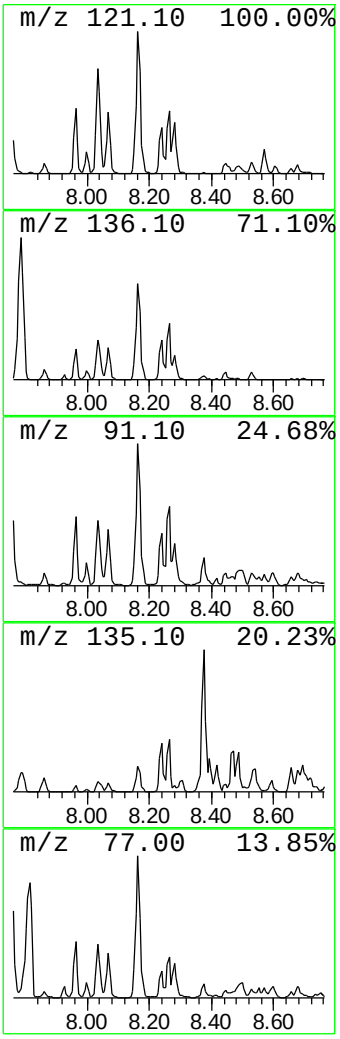
Peak Number 12 Phenol, 2,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	12.87 ng	610745	Naphthalene-d8	7.79

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





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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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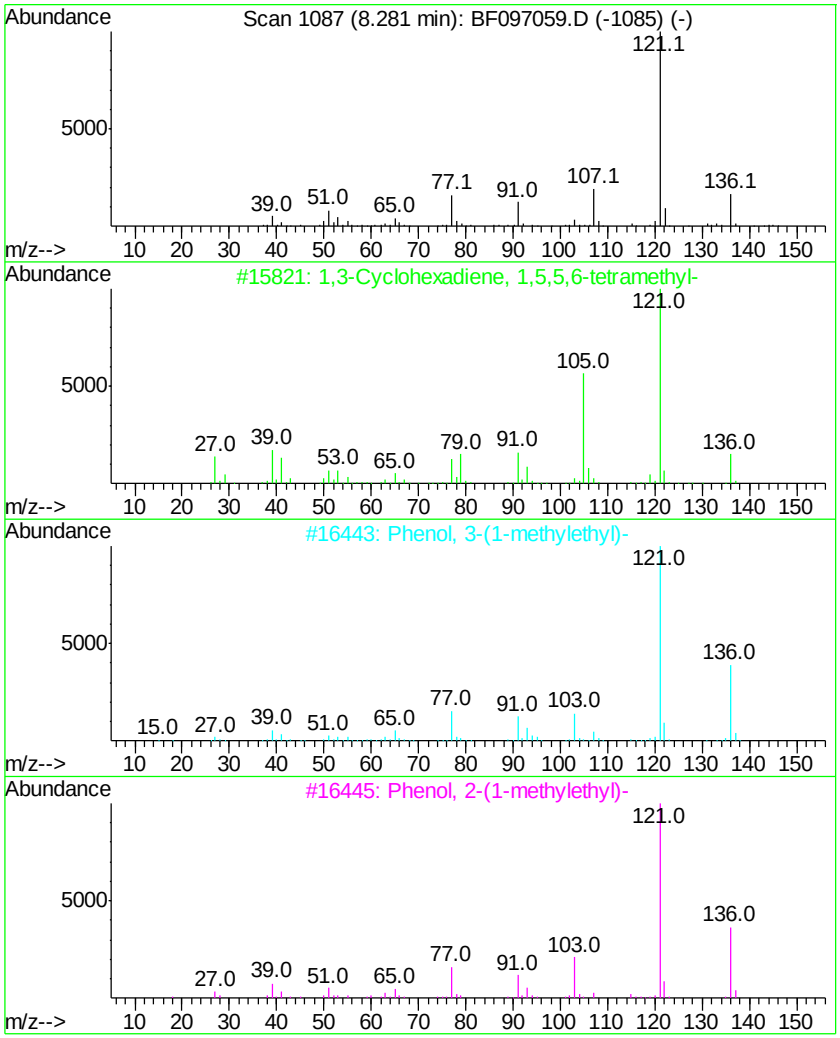
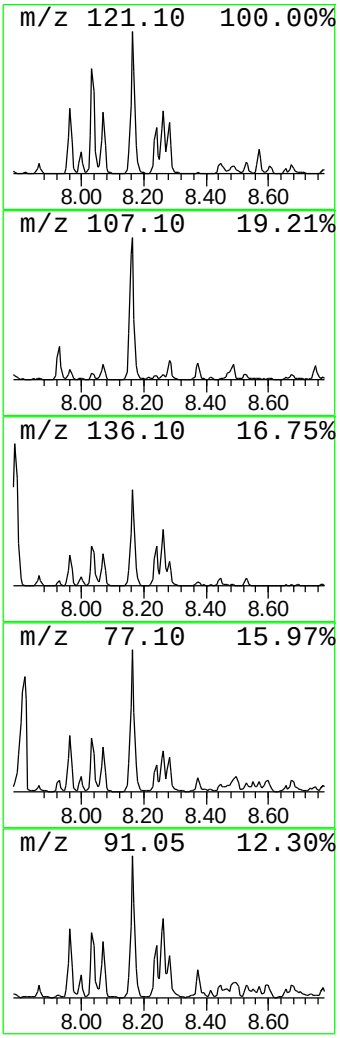
Peak Number 13 1,3-Cyclohexadiene, 1,5,5,6... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	10.31 ng	489241	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	72
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	64
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64





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Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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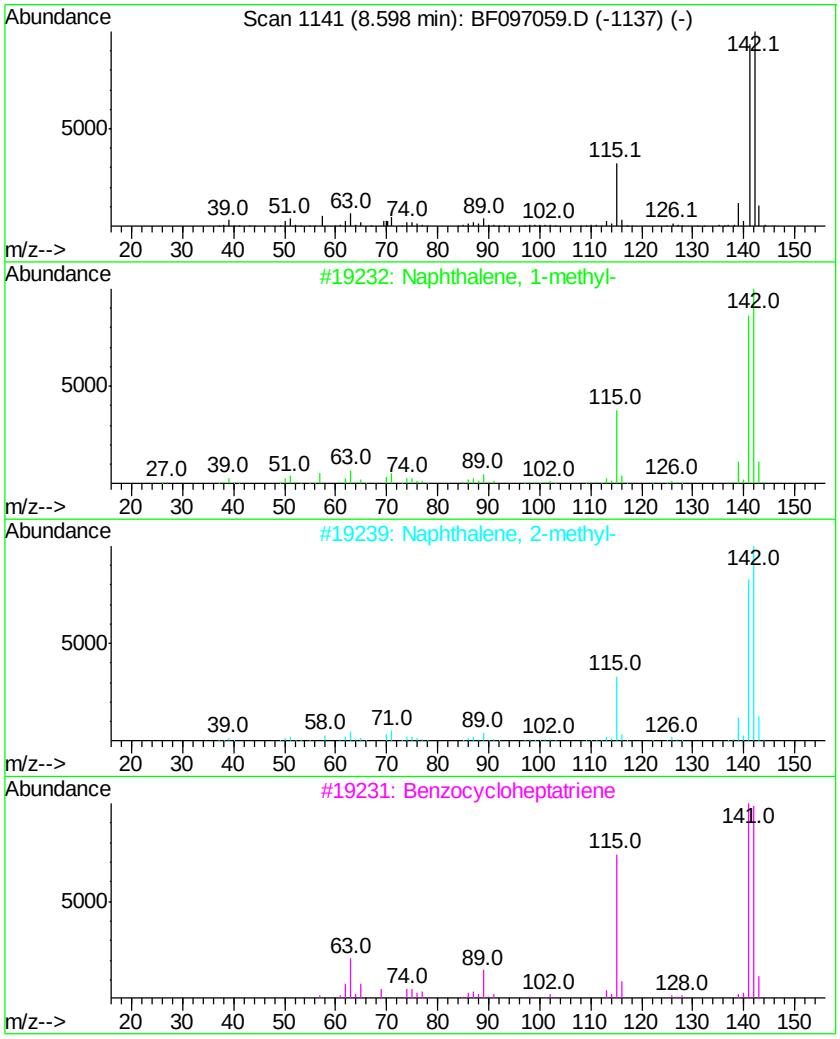
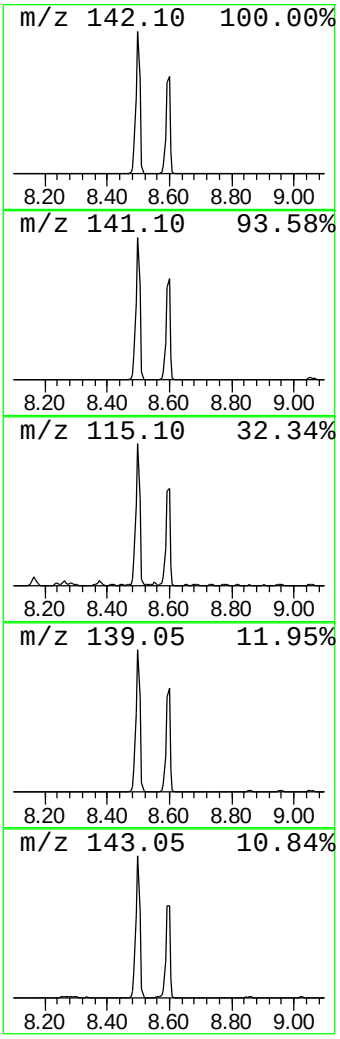
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	34.40 ng	1632040	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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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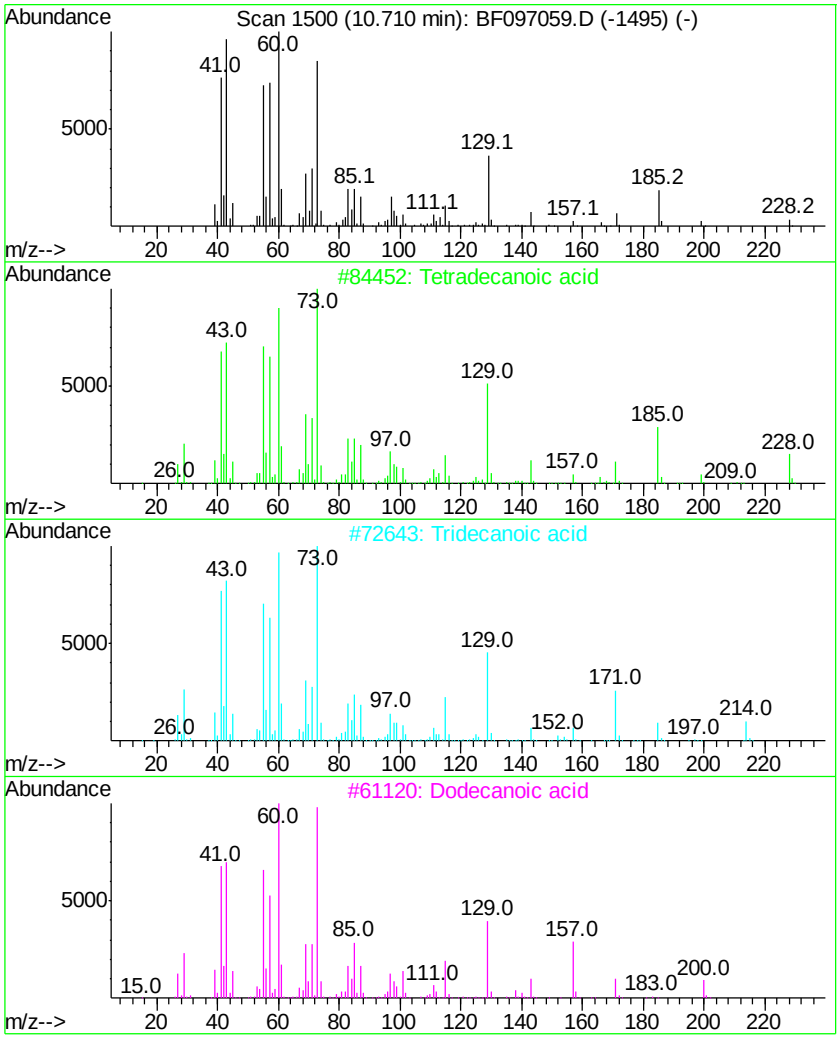
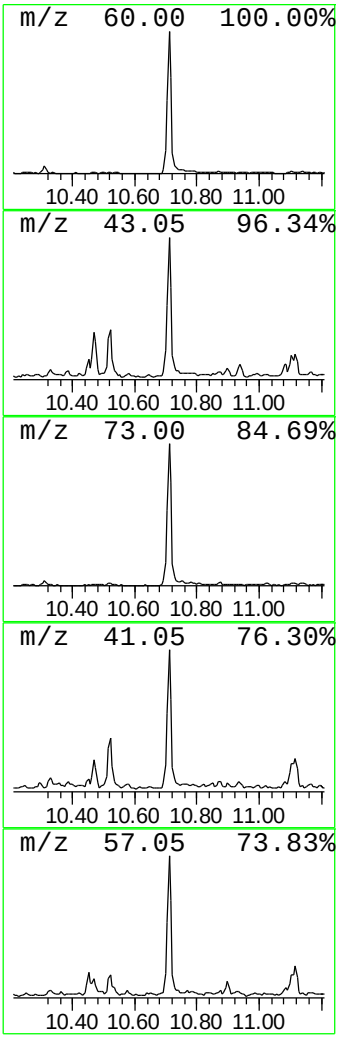
Peak Number 15 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	17.01 ng	547056	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Octanoic acid	144	C8H16O2	000124-07-2	49





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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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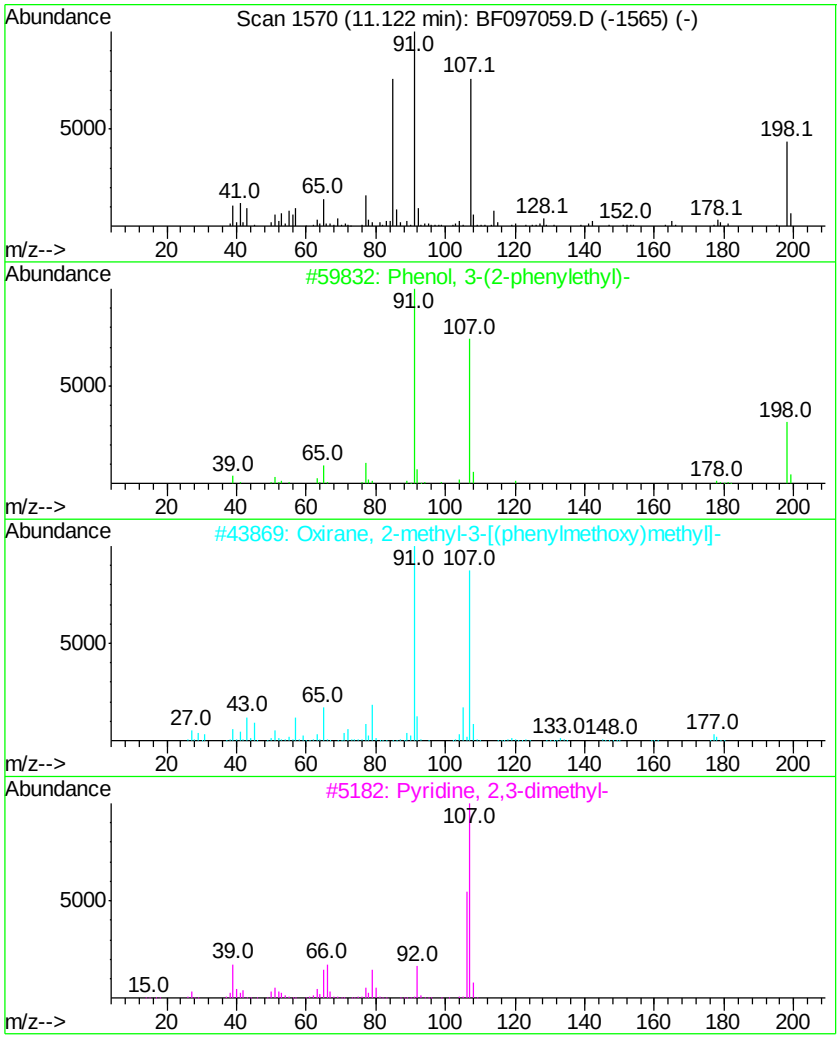
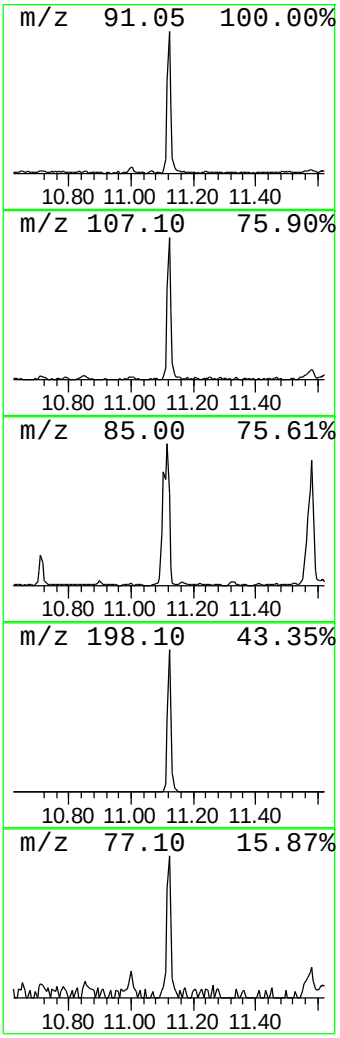
Peak Number 16 Phenol, 3-(2-phenylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	9.93 ng	319434	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	92
2	Oxirane, 2-methyl-3-[(phenylmeth...	178	C11H14O2	116296-88-9	41
3	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	30
4	3-Benzyloxy-butyric acid, t-buty...	250	C15H22O3	116761-25-2	27
5	3-Amino-4-[4-hydroxyphenyl]butanool	181	C10H15NO2	1000251-64-2	25





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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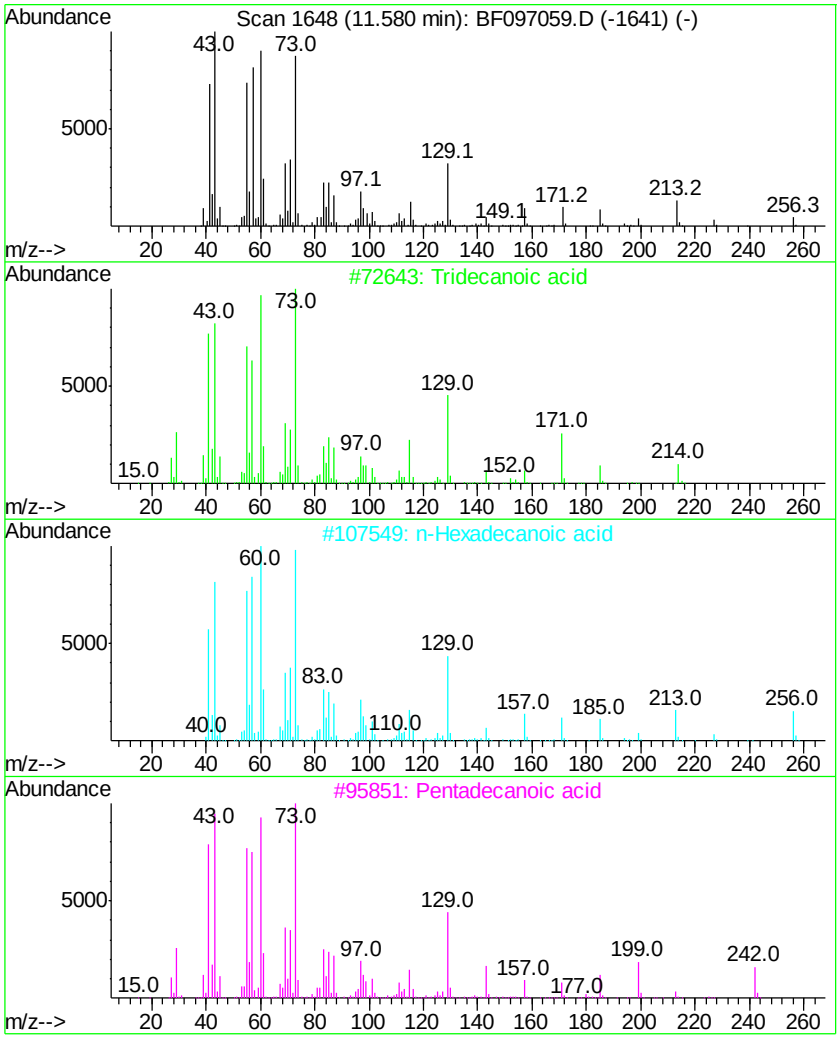
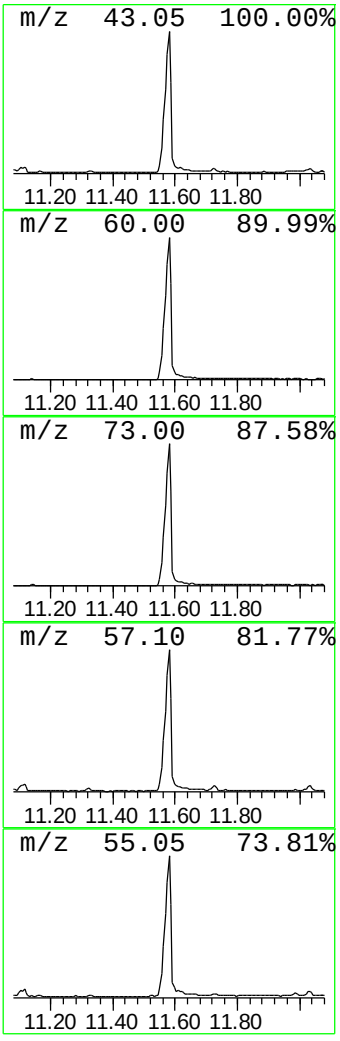
Peak Number 17 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	86.51 ng	2782700	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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ClientSampleId : E2-N7-BASE

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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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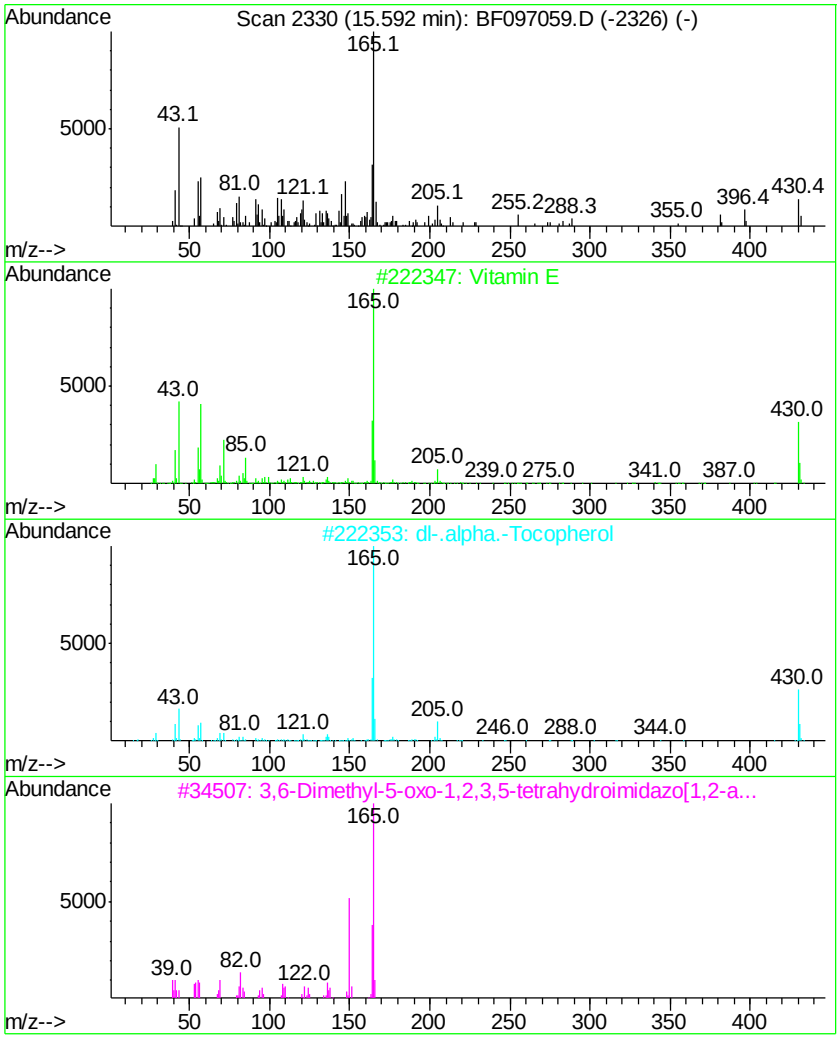
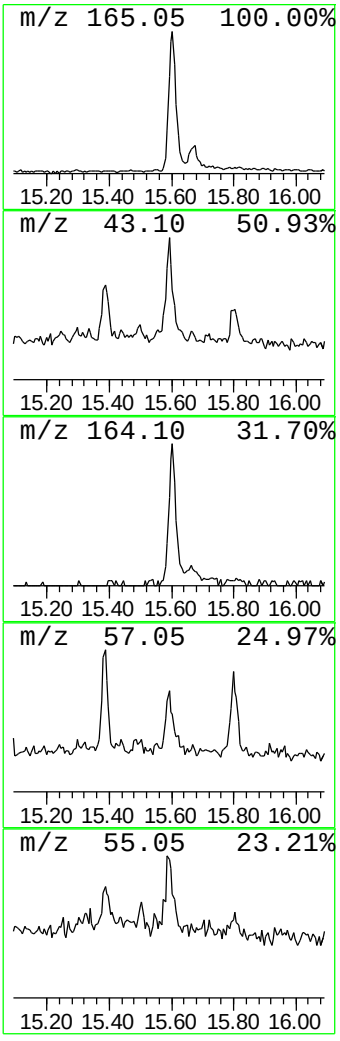
Peak Number 18 Vitamin E Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	14.67 ng	301780	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	000059-02-9	81
2	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	81
3	3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	50
4	N-Cyclopentyl-2-(3H-imidazo[4,5-...	276	C13H16N4OS	1000295-07-4	50
5	s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	46





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Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

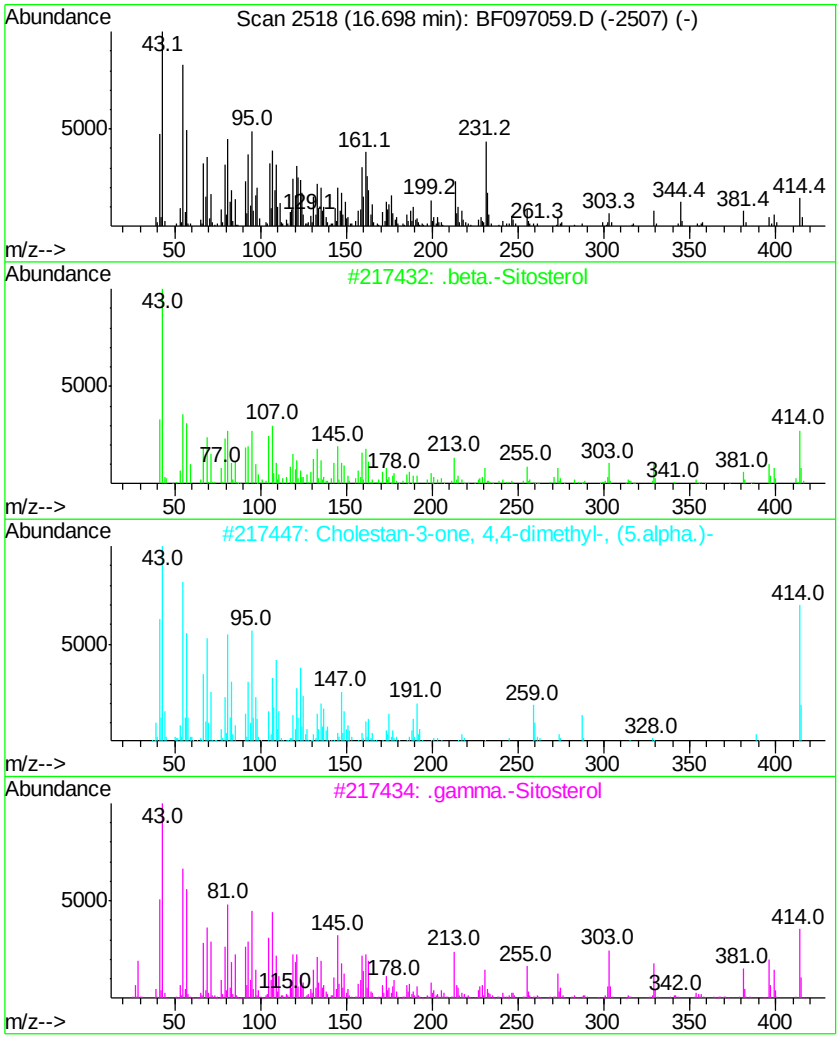
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

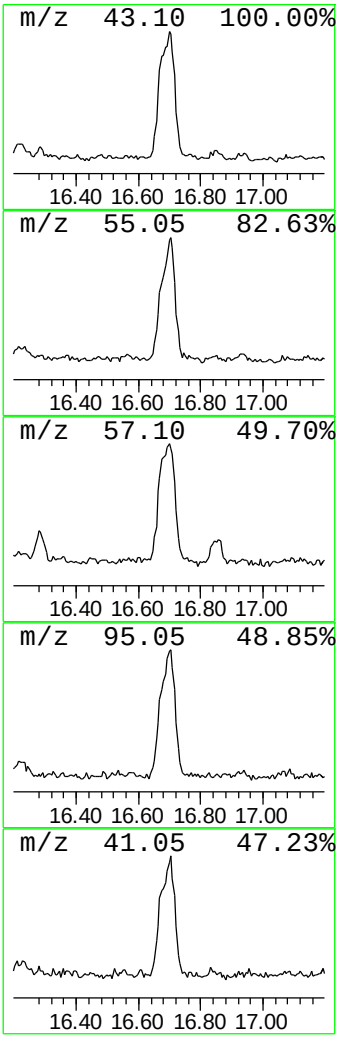
****

Peak Number 19 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	86.04 ng	1769650	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	58
2	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	55
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	55
4	Campesterol	400	C28H48O	000474-62-4	25
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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

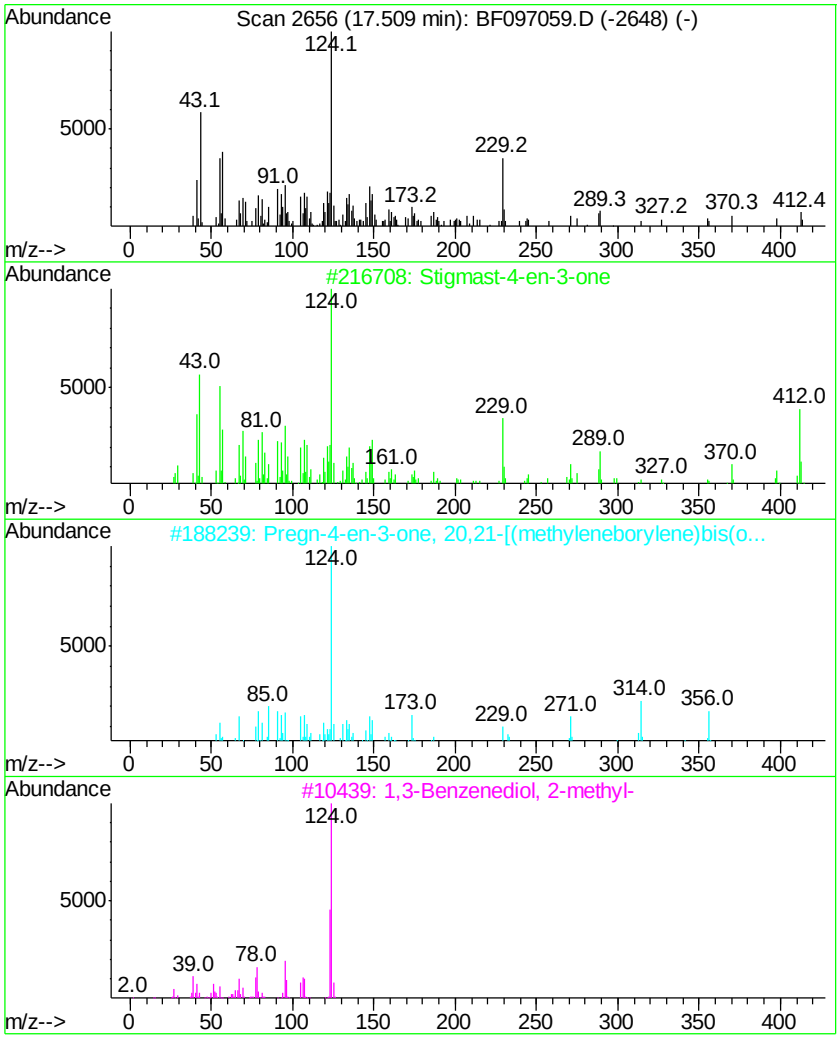
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

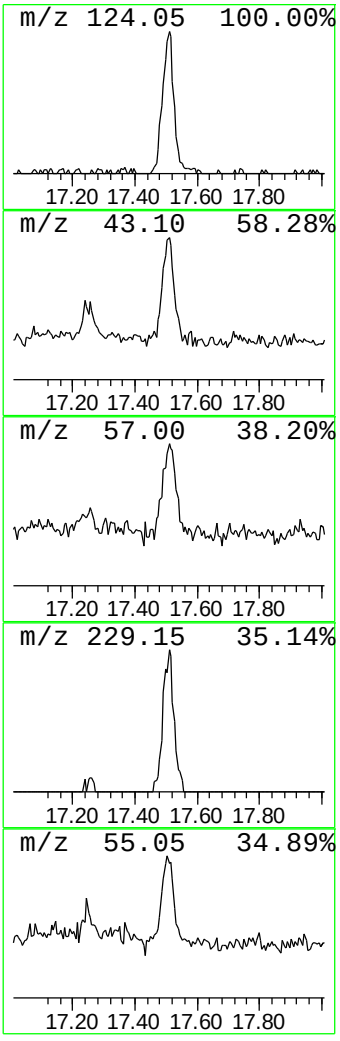
****

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	18.30 ng	376403	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	74
2	Pregn-4-en-3-one, 20,21-[(methyl...	356	C22H33BO3	030882-65-6	72
3	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	49
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	49
5	Orcinol	124	C7H8O2	000504-15-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

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, 1,2,3-tr...	6.33	10.9	ng	378756	1	6.50	696829	20.0
Cyclohexanemethan...	7.53	15.7	ng	745933	2	7.79	948942	20.0
Phenol, 4-ethyl-	7.58	9.6	ng	455770	2	7.79	948942	20.0
Phenol, 3,5-dimet...	7.60	22.1	ng	1049980	2	7.79	948942	20.0
Phenol, 2,3-dimet...	7.66	7.8	ng	369721	2	7.79	948942	20.0
Phenol, 4-(1-meth...	7.96	11.1	ng	527711	2	7.79	948942	20.0
Phenol, 4-ethyl-3...	8.03	16.0	ng	759775	2	7.79	948942	20.0
Phenol, 3-ethyl-5...	8.07	9.7	ng	458163	2	7.79	948942	20.0
Phenol, 2-ethyl-4...	8.16	37.9	ng	1795780	2	7.79	948942	20.0
Phenol, 2,4,5-tri...	8.24	12.2	ng	578426	2	7.79	948942	20.0
Phenol, 2,4,6-tri...	8.26	12.9	ng	610745	2	7.79	948942	20.0
1,3-Cyclohexadien...	8.28	10.3	ng	489241	2	7.79	948942	20.0
Naphthalene, 1-me...	8.60	34.4	ng	1632040	2	7.79	948942	20.0
Tetradecanoic acid	10.71	17.0	ng	547056	4	11.00	643310	20.0
Phenol, 3-(2-phen...	11.12	9.9	ng	319434	4	11.00	643310	20.0
Pentadecanoic acid	11.58	86.5	ng	2782700	4	11.00	643310	20.0
Vitamin E	15.59	14.7	ng	301780	6	14.97	411346	20.0
.beta.-Sitosterol	16.70	86.0	ng	1769650	6	14.97	411346	20.0
Stigmast-4-en-3-one	17.51	18.3	ng	376403	6	14.97	411346	20.0