LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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	4.598	457	461	469	rBV	103039	155058	5.86%	0.561%
2	4.675	469	474	483	rVB2	43284	61937	2.34%	0.224%
3	4.998	524	529	530	rBV	470719	502344	18.99%	1.818%
4	5.016	530	532	538	rVV	432085	404310	15.29%	1.463%
5	5.069	538	541	555	rVV	1526822	1715924	64.88%	6.210%
6	5.987	690	697	700	rBV	81306	79749	3.02%	0.289%
7	6.063	706	710	717	rVB	134530	124178	4.69%	0.449%
8	6.139	719	723	733	rVV	1053580	1264282	47.80%	4.576%
9	6.239	736	740	746	rVV	2467833	2502709	94.62%	9.058%
10	6.292	746	749	752	rVV	161605	142332	5.38%	0.515%
11	6.351	757	759	764	rVB	62847	57267	2.17%	0.207%
12	6.463	775	778	784	rBV2	878894	855120	32.33%	3.095%
13	6.528	786	789	791	rVV	288768	269109	10.17%	0.974%
14	6.557	791	794	800	rVB2	48285	61536	2.33%	0.223%
15	6.622	801	805	808	rBV	2452008	2347759	88.77%	8.497%
16	6.669	810	813	820	rVB	491180	481953	18.22%	1.744%
17	6.751	825	827	832	rVV2	28244	33335	1.26%	0.121%
18	6.798	832	835	844	rVV2	94486	111455	4.21%	0.403%
19	6.963	861	863	868	rVB2	33523	29028	1.10%	0.105%
20	7.034	868	875	878	rBV	1906535	2109277	79.75%	7.634%
21	7.063	878	880	888	rVB2	105256	122744	4.64%	0.444%
22	7.128	888	891	895	rBV	131395	179736	6.80%	0.651%
23	7.181	898	900	904	rVB4	34485	42501	1.61%	0.154%
24	7.216	904	906	910	rBV3	30369	37260	1.41%	0.135%
25	7.275	913	916	918	rVB	48283	35990	1.36%	0.130%
26	7.322	920	924	928	rBV	66418	66697	2.52%	0.241%
27	7.369	928	932	937	rBV4	67629	102501	3.88%	0.371%
28	7.433	939	943	950	rVB2	187807	214443	8.11%	0.776%
29	7.492	950	953	958	rBV4	226539	247846	9.37%	0.897%
30	7.551	960	963	966	rBV2	72298	87808	3.32%	0.318%
31	7.669	980	983	987	rBV5	18055	26750	1.01%	0.097%
32	7.745	992	996	999	rVV	1006015	937354	35.44%	3.393%
33	7.769	999	1000	1004	rVV2	196153	147220	5.57%	0.533%
34	7.822	1004	1009	1012	rVB	66575	63999	2.42%	0.232%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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	7.863	1012	1016	1020	rVB5	25068	30953	1.17%	0.112%
36	7.904	1020	1023	1025	rBV2	44183	39531	1.49%	0.143%
37	8.139	1059	1063	1066	rVB5	20348	28367	1.07%	0.103%
38	8.181	1068	1070	1073	rBV3	22316	26695	1.01%	0.097%
39	8.263	1082	1084	1086	rBV	55120	49217	1.86%	0.178%
40	8.286	1086	1088	1091	rVV	80438	106067	4.01%	0.384%
41	8.310	1091	1092	1095	rVB	53416	35232	1.33%	0.128%
42	8.345	1095	1098	1101	rBV	252148	206356	7.80%	0.747%
43	8.463	1116	1118	1120	rVB	36002	28471	1.08%	0.103%
44	8.557	1129	1134	1141	rBV6	36351	53853	2.04%	0.195%
45	8.633	1141	1147	1149	rBV4	38626	69481	2.63%	0.251%
46	8.722	1157	1162	1165	rBV4	73758	90290	3.41%	0.327%
47	8.828	1173	1180	1183	rBV	2754393	2644899	100.00%	9.573%
48	9.163	1231	1237	1241	rBV4	23889	59414	2.25%	0.215%
49	9.222	1241	1247	1250	rVB2	139219	156403	5.91%	0.566%
50	9.375	1272	1273	1280	rVB5	15490	27382	1.04%	0.099%
51	9.433	1280	1283	1284	rBV2	29307	28829	1.09%	0.104%
52	9.492	1289	1293	1300	rVV	956954	866490	32.76%	3.136%
53	9.569	1302	1306	1311	rBV6	20407	30800	1.16%	0.111%
54	9.792	1342	1344	1349	rVB2	29282	38752	1.47%	0.140%
55	9.886	1356	1360	1363	rBV	242794	203310	7.69%	0.736%
56	9.922	1363	1366	1369	rVV	135065	117680	4.45%	0.426%
57	9.980	1372	1376	1380	rVV2	186934	166715	6.30%	0.603%
58	10.027	1380	1384	1387	rVB2	55089	59371	2.24%	0.215%
59	10.063	1387	1390	1395	rBV	131197	115407	4.36%	0.418%
60	10.110	1395	1398	1401	rVV5	34557	47730	1.80%	0.173%
61	10.151	1401	1405	1410	rVB	255612	246915	9.34%	0.894%
62	10.280	1423	1427	1432	rBV2	1307306	1398166	52.86%	5.060%
63	10.416	1446	1450	1455	rBV	430260	447014	16.90%	1.618%
64	10.498	1463	1464	1470	rVB4	34868	33828	1.28%	0.122%
65	10.580	1474	1478	1482	rVV	155033	172736	6.53%	0.625%
66	10.610	1482	1483	1487	rVB	41204	30738	1.16%	0.111%
67	10.716	1497	1501	1505	rVB3	22450	30742	1.16%	0.111%
68	10.869	1522	1527	1529	rBV5	19268	31282	1.18%	0.113%
69	10.963	1540	1543	1547	rBV	602027	549882	20.79%	1.990%
70	11.163	1571	1577	1579	rBV4	27610	39456	1.49%	0.143%
71	11.321	1601	1604	1609	rVB2	29317	34976	1.32%	0.127%

LSC Area Percent Report

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Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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	11.527	1635	1639	1645	rBV3	66845	81978	3.10%	0.297%
73	12.257	1756	1763	1766	rBV	79296	96122	3.63%	0.348%
74	12.304	1766	1771	1775	rVV4	34200	57085	2.16%	0.207%
75	12.398	1783	1787	1790	rVB6	30969	35353	1.34%	0.128%
76	12.445	1792	1795	1800	rBV	133695	126029	4.76%	0.456%
77	12.551	1808	1813	1816	rBV	1820553	1767462	66.83%	6.397%
78	13.133	1908	1912	1915	rVB	332313	292962	11.08%	1.060%
79	13.221	1923	1927	1931	rBV7	20377	30604	1.16%	0.111%
80	13.463	1965	1968	1973	rBV2	59506	72433	2.74%	0.262%
81	13.592	1986	1990	1993	rBV	563138	567351	21.45%	2.053%
82	14.933	2214	2218	2223	rBV	420288	457384	17.29%	1.655%
83	15.662	2337	2342	2347	rVB6	50602	79755	3.02%	0.289%

Sum of corrected areas: 27629459

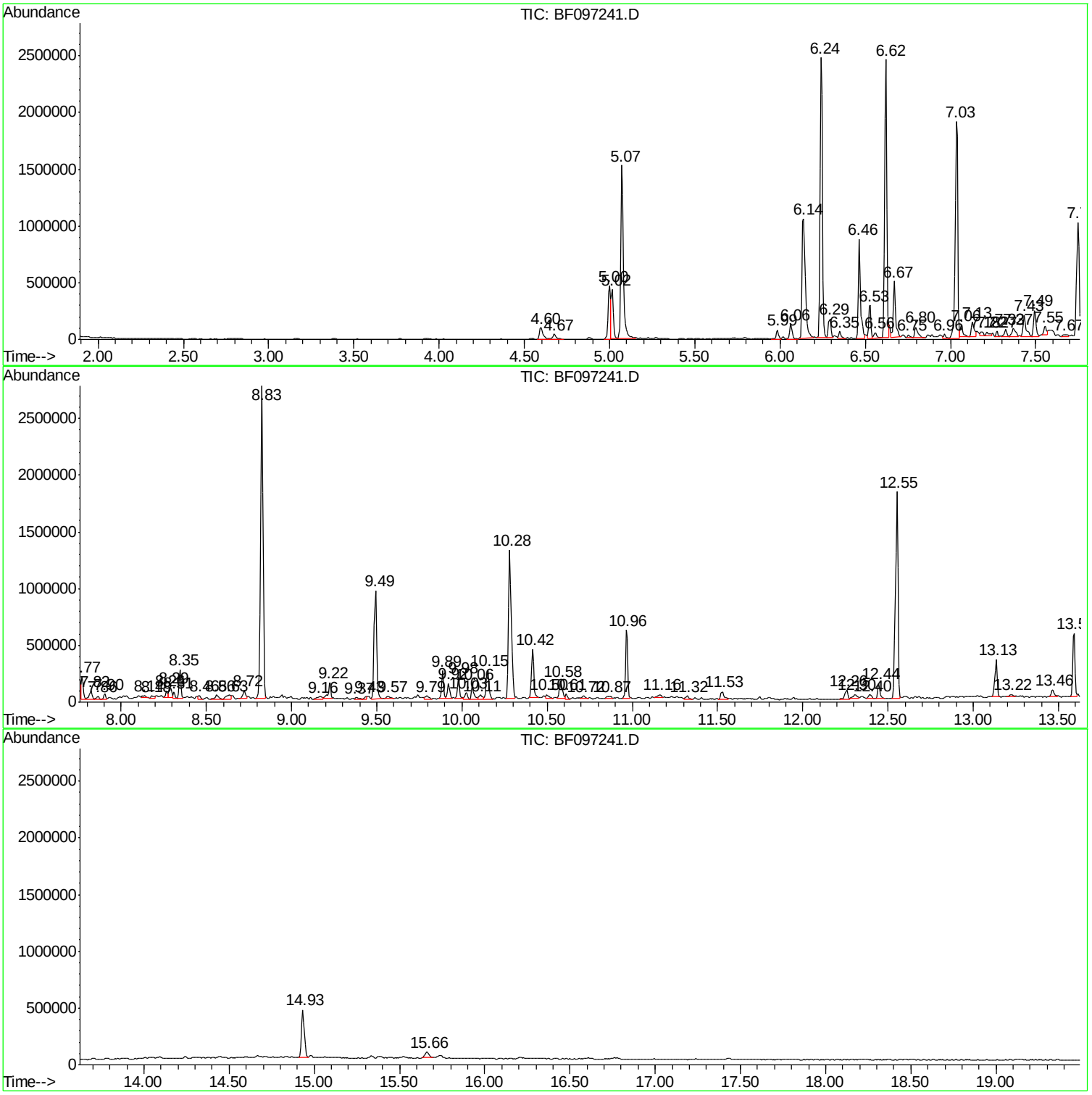
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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

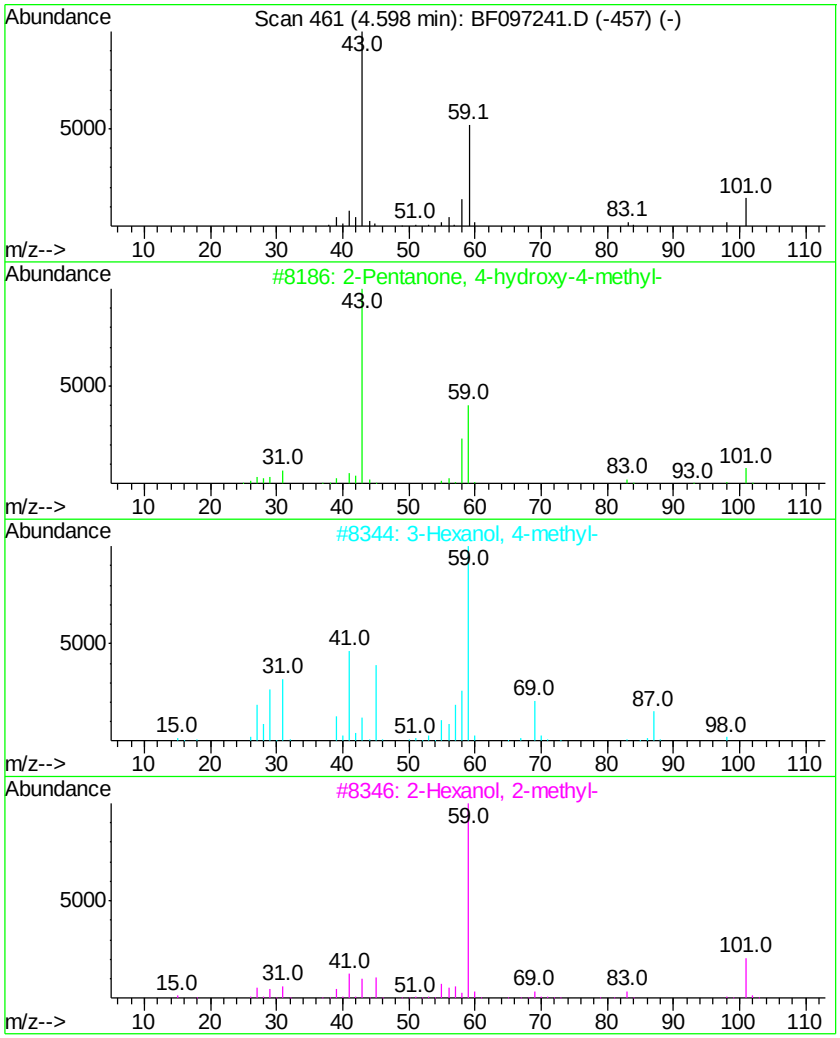
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

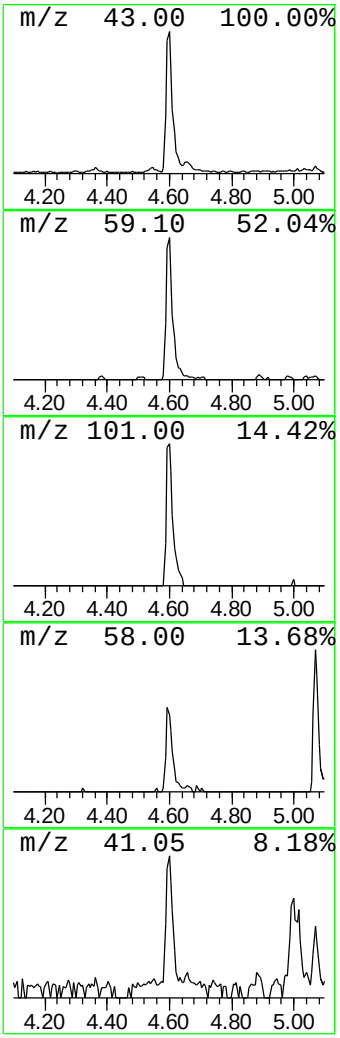
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	3.63 ng	155058	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
5	3-Octanol	130	C8H18O	000589-98-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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

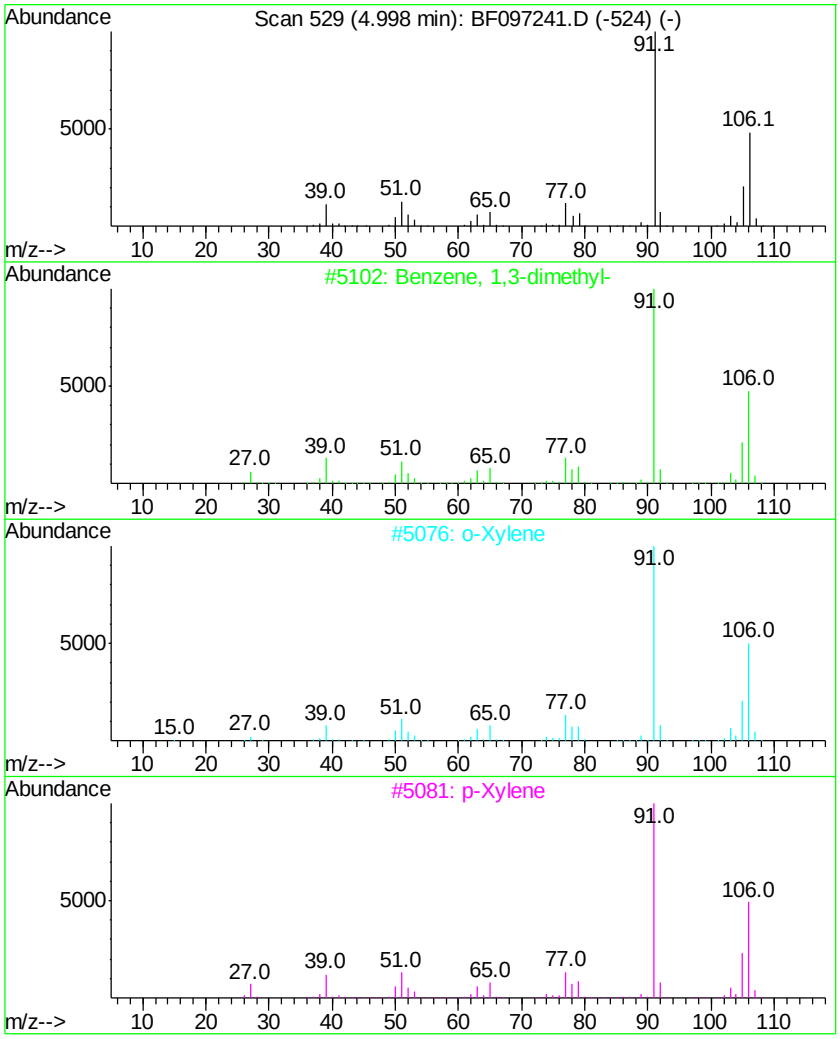
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

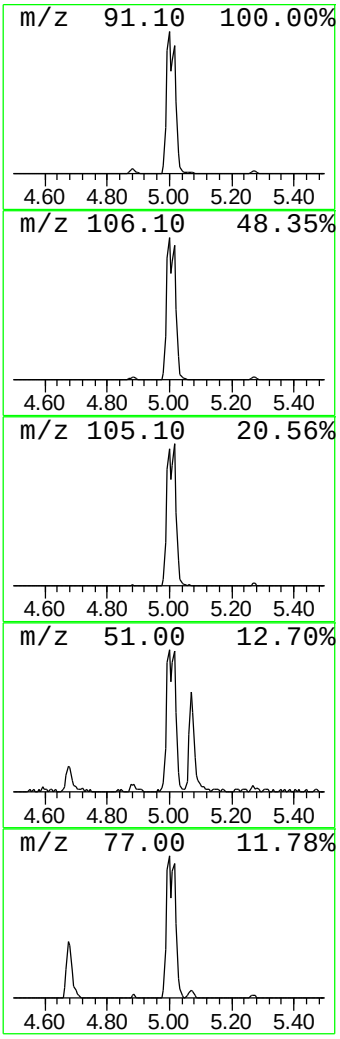
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	11.75 ng	502344	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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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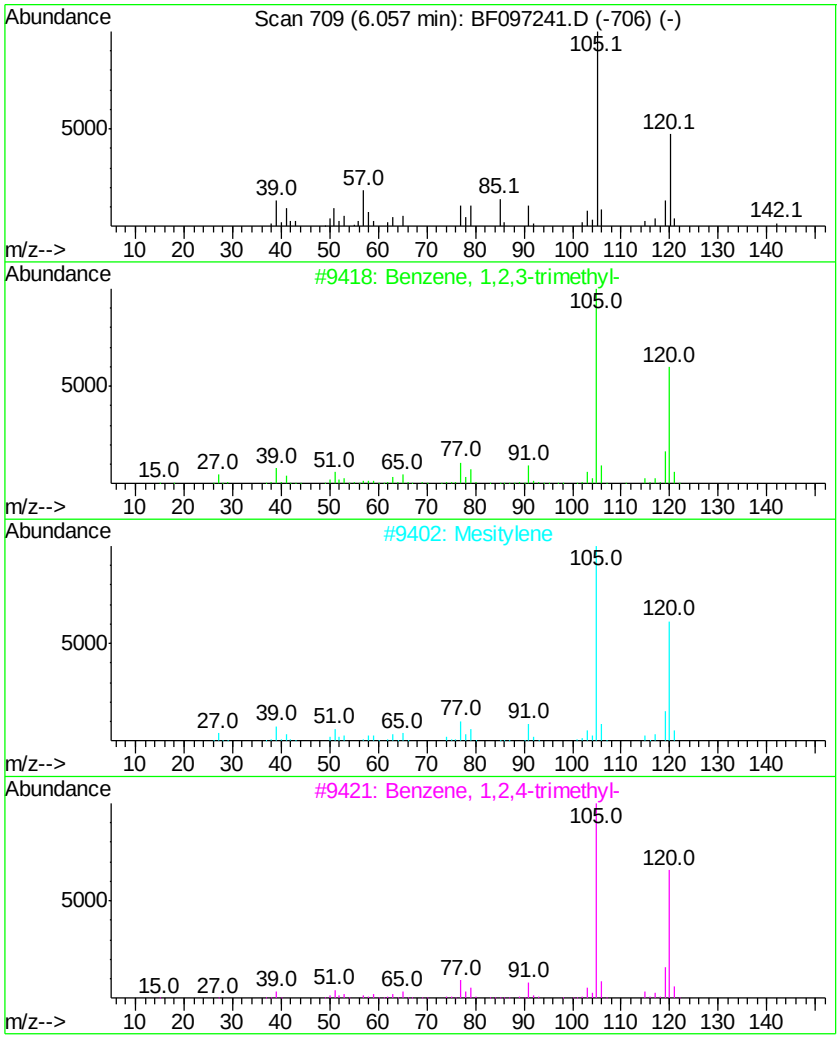
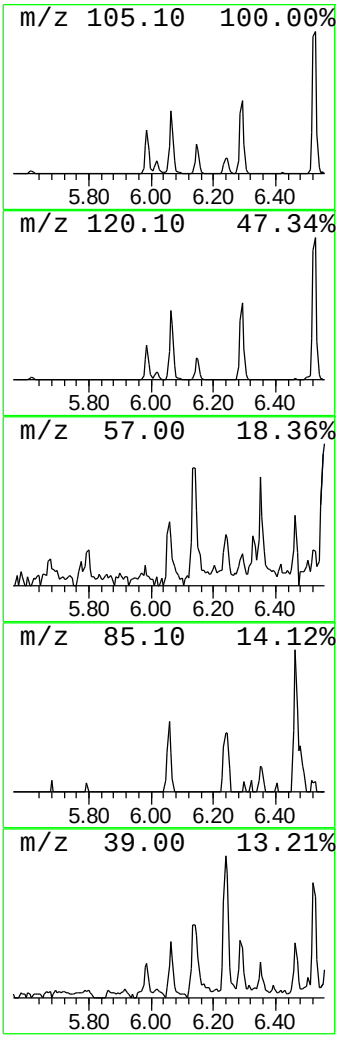
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	2.90 ng	124178	1,4-Dichlorobenzene-d4	6.46

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	97
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\BF080117\
Data File : BF097241.D
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Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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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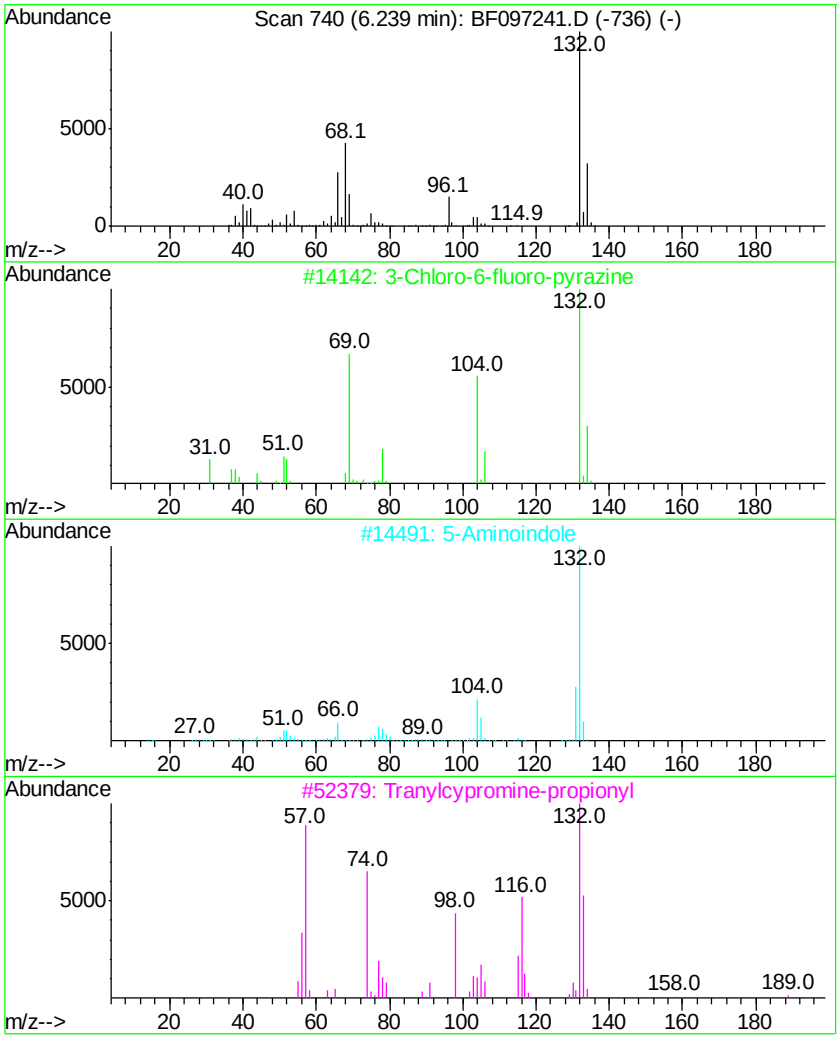
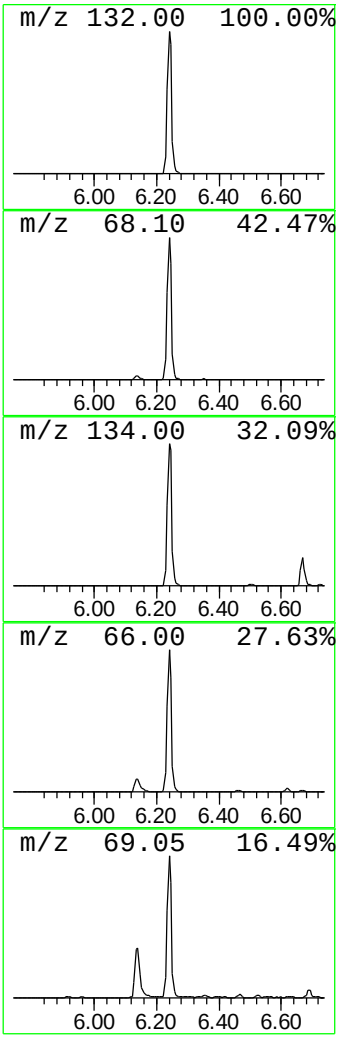
Peak Number 5 unknown6.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	58.53 ng	2502710	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
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Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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

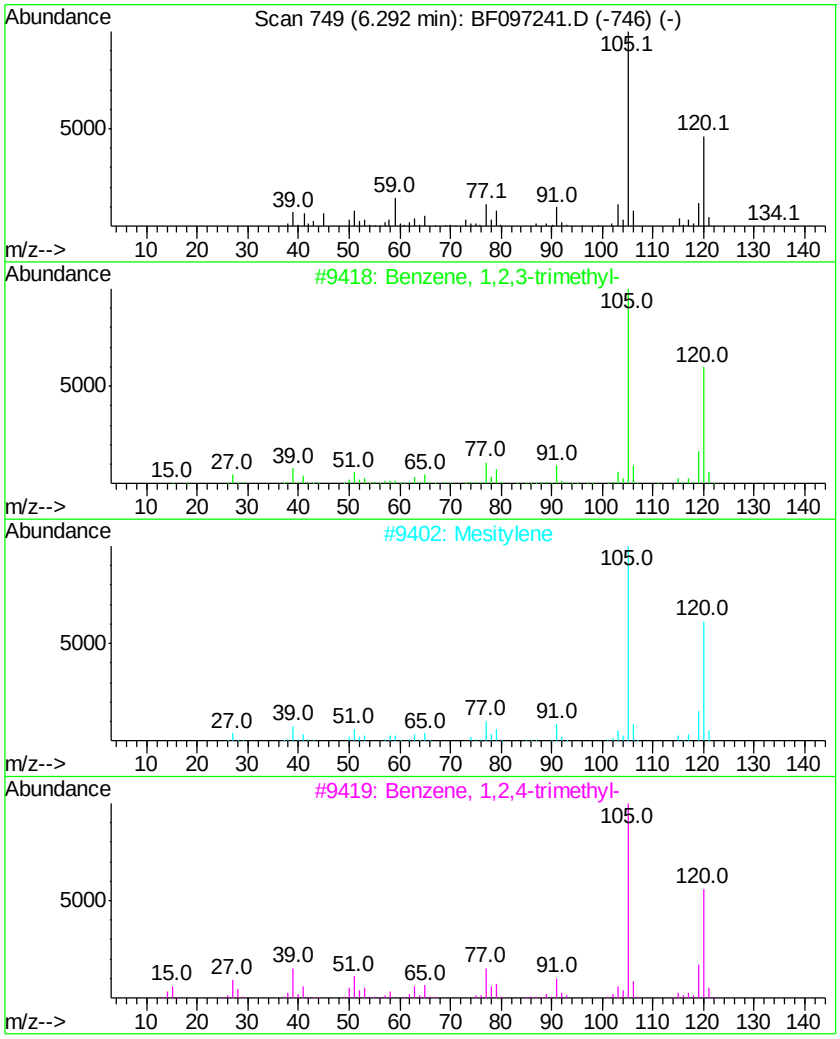
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

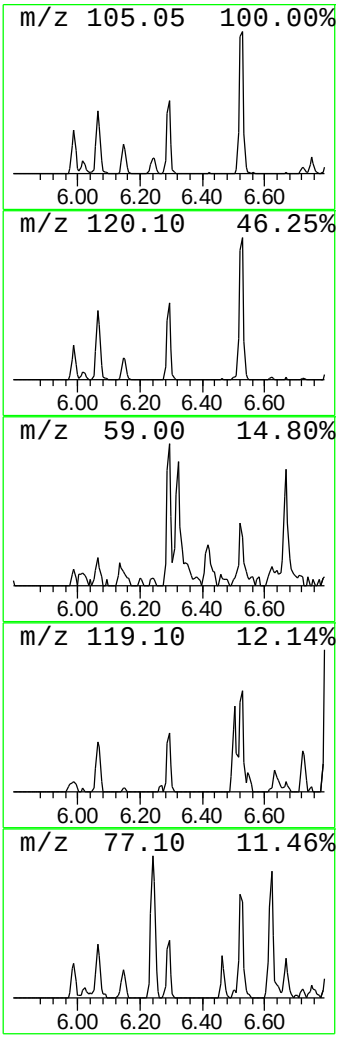
****

Peak Number 6 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	3.33 ng	142332	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097241.D
Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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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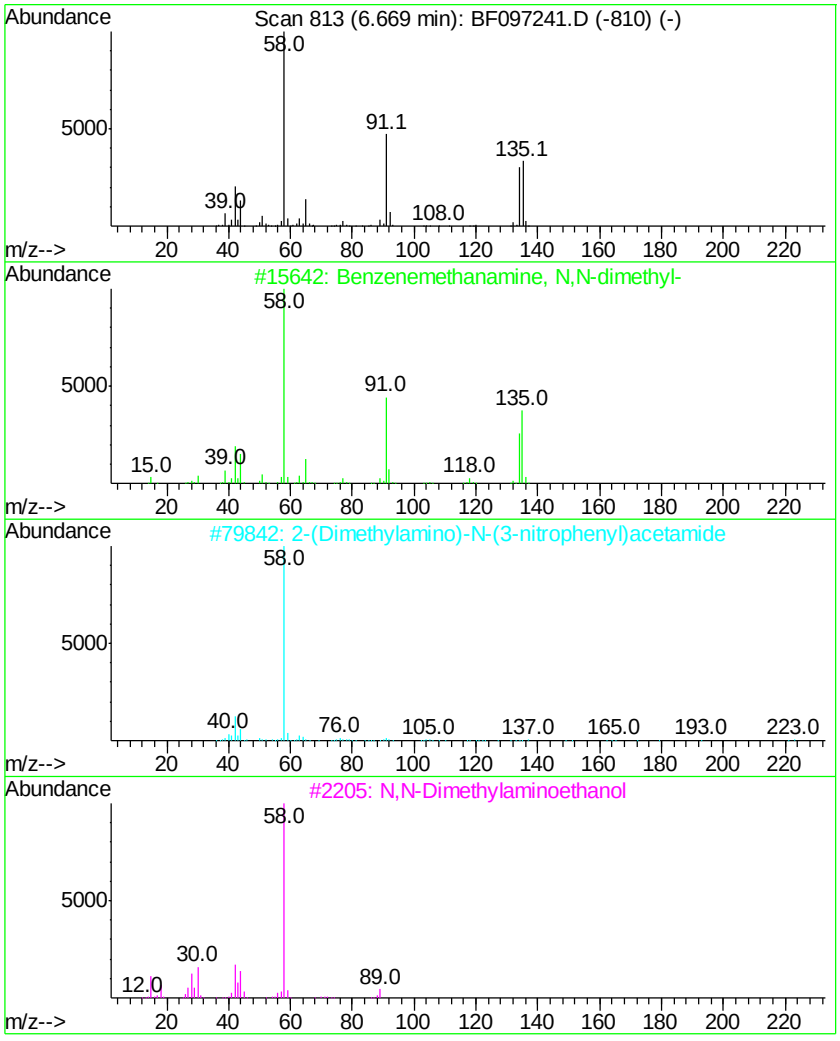
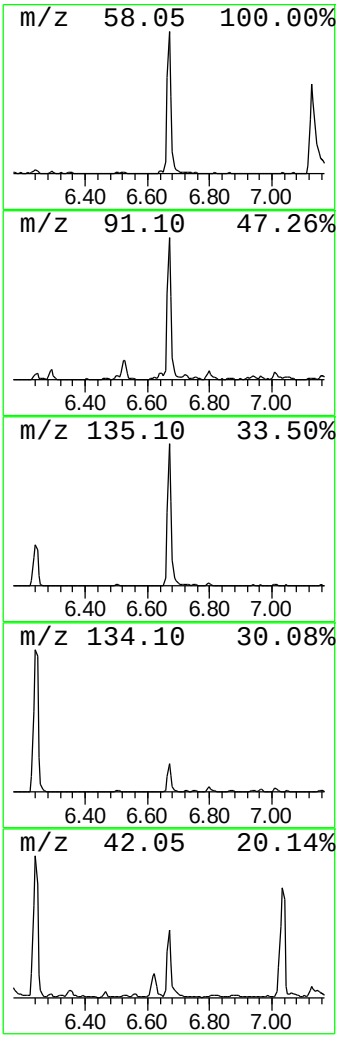
Peak Number 8 Benzenemethanamine, N,N-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	11.27 ng	481953	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanamine, N,N-dimethyl-	135	C9H13N	000103-83-3	95
2	2-(Dimethylamino)-N-(3-nitrophen...	223	C10H13N3O3	294193-71-8	40
3	N,N-Dimethylaminoethanol	89	C4H11NO	000108-01-0	37
4	Phentermine	149	C10H15N	000122-09-8	33
5	R(-)-2-Amino-1-butanol	89	C4H11NO	005856-63-3	25





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Acq On : 1 Aug 2017 19:42
Operator : SJ/JU
Sample : I4508-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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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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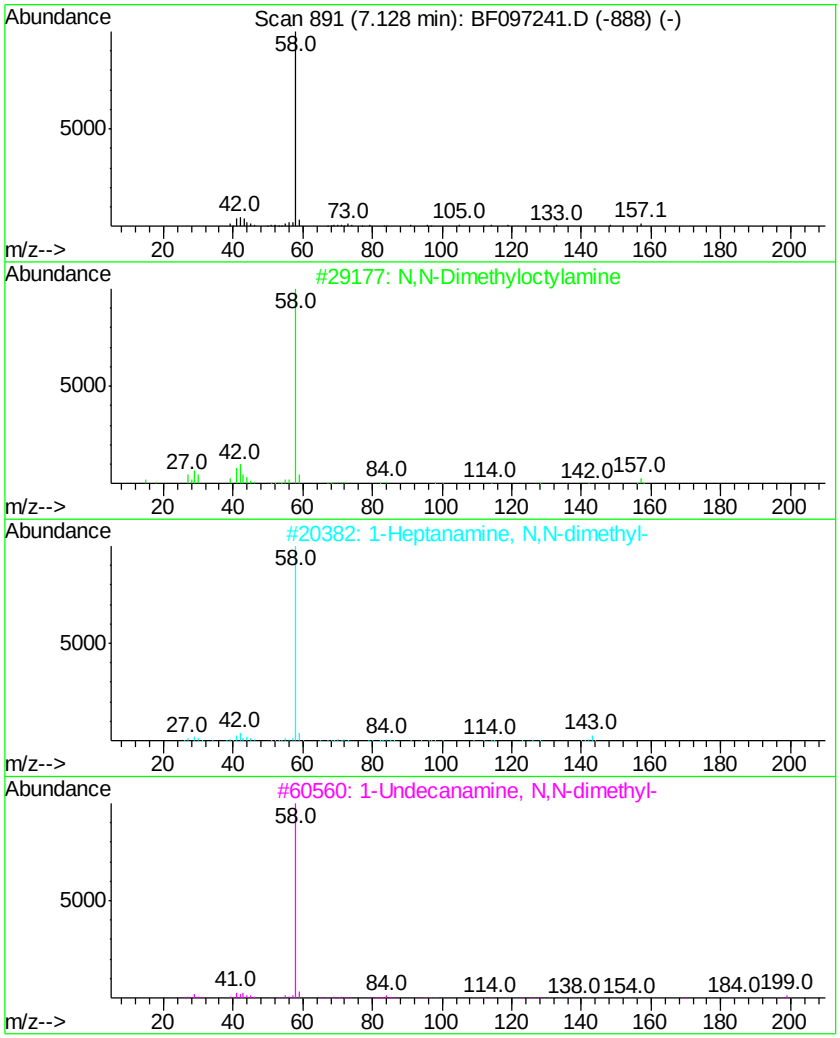
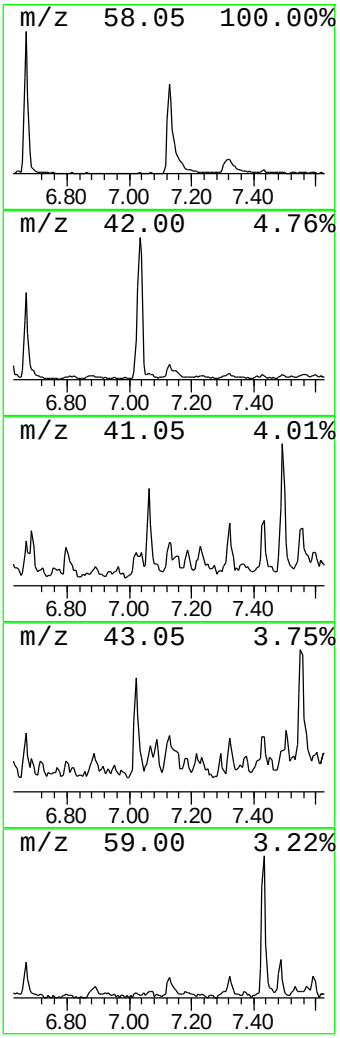
Peak Number 9 N,N-Dimethyloctylamine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.83 ng	179736	Naphthalene-d8	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	86
2	1-Heptanamine, N,N-dimethyl-	143	C9H21N	005277-11-2	72
3	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	64
4	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	64
5	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	56





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Misc :
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Instrument : BNA_F
ClientSampleId : MH-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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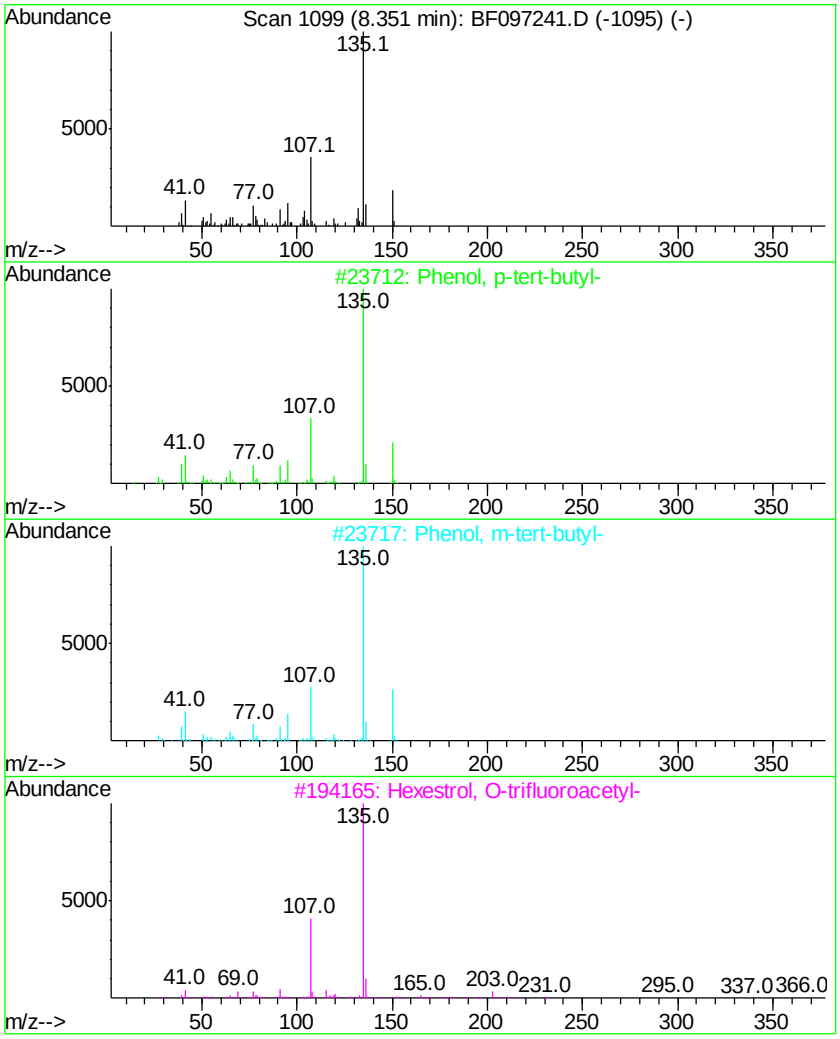
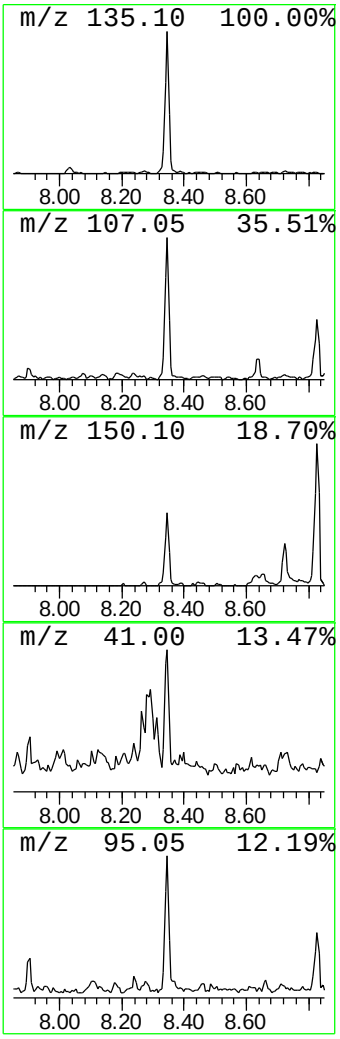
Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	4.40 ng	206356	Naphthalene-d8	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
3	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	59
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	59
5	4-Acetylanisole	150	C9H10O2	000100-06-1	53





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Instrument : BNA_F
ClientSampleId : MH-6

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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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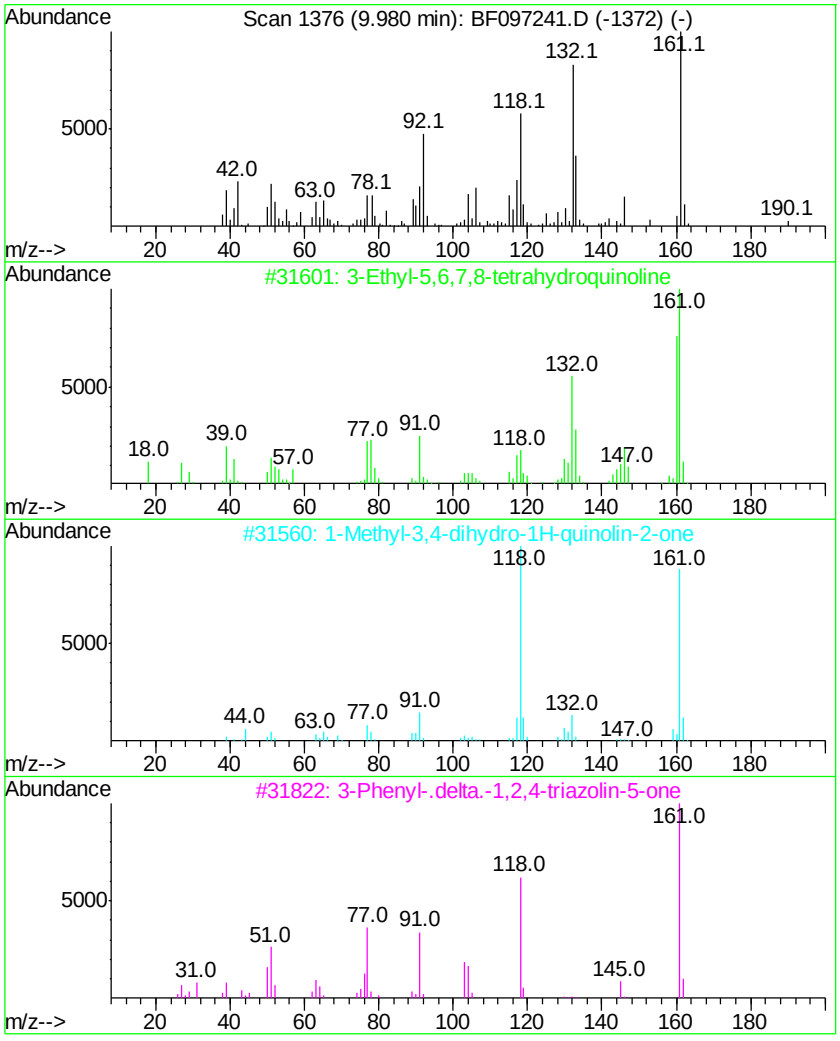
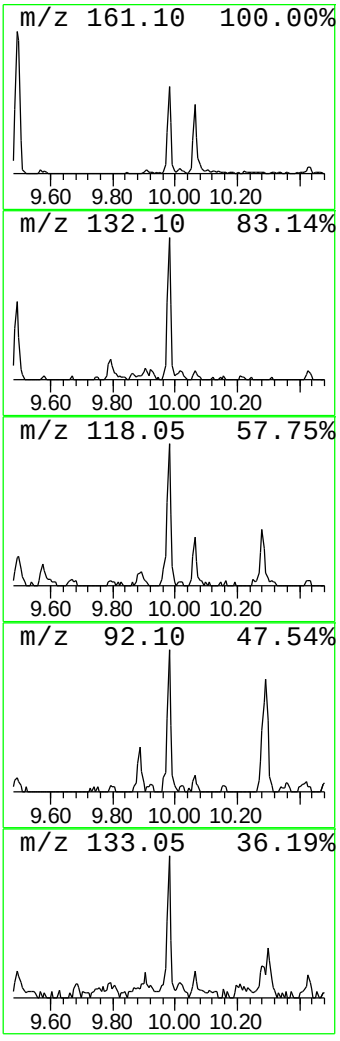
Peak Number 12 unknown9.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	3.85 ng	166715	Acenaphthene-d10	9.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-5,6,7,8-tetrahydroquinoline	161	C11H15N	028971-02-0	46
2	1-Methyl-3,4-dihydro-1H-quinolin...	161	C10H11NO	000826-72-2	30
3	3-Phenyl-.delta.-1,2,4-triazolin...	161	C8H7N3O	000939-07-1	30
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	25
5	Phenylcyanide, 4-methoxy-2,6-dim...	161	C10H11NO	019111-77-4	25





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ClientSampleId : MH-6

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

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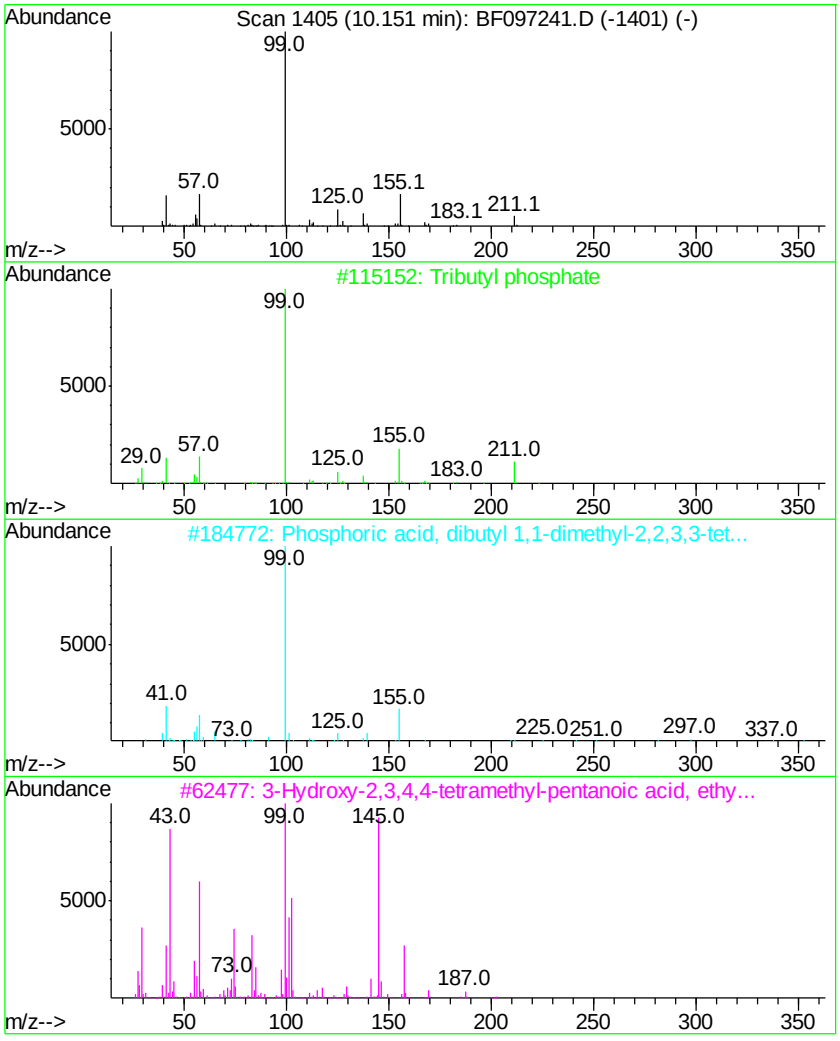
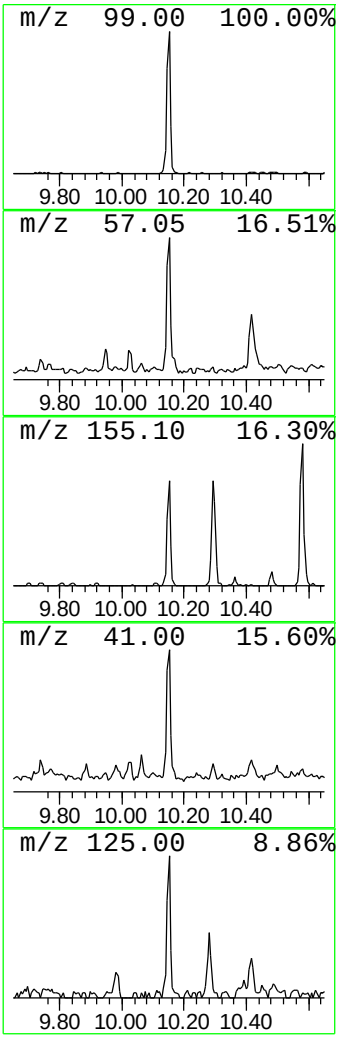
Peak Number 13 Tributyl phosphate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	5.70 ng	246915	Acenaphthene-d10	9.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	83
2	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	72
3	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	33
4	trans-Decalin-2-one, 6,6-ethylen...	210	C12H18O3	1000126-93-8	33
5	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	17





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ClientSampleId : MH-6

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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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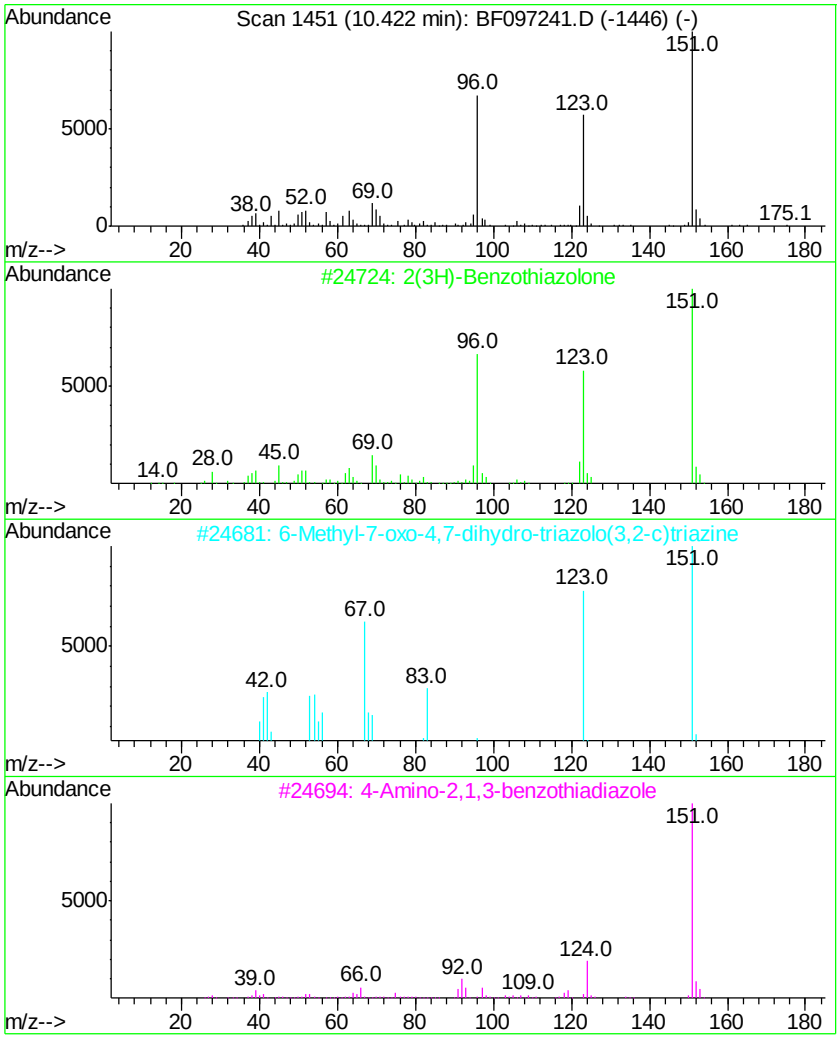
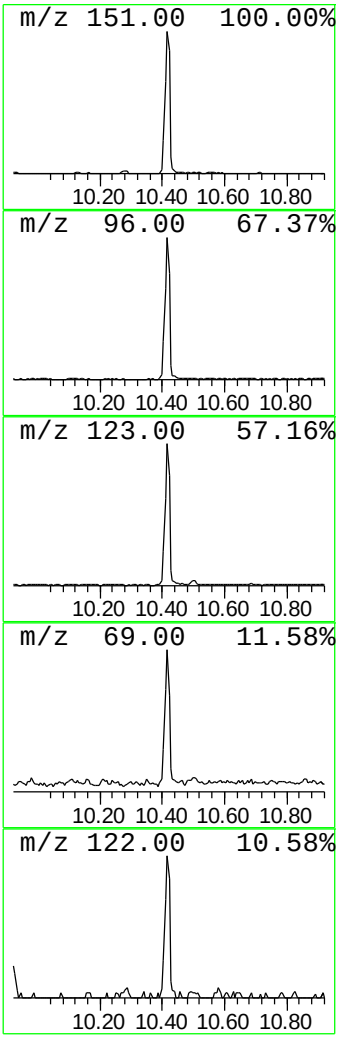
Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	16.26 ng	447014	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
3	4-Amino-2,1,3-benzothiadiazole	151	C6H5N3S	000767-64-6	27
4	RCH 108	151	C7H5NO3	002297-94-1	27
5	1,2,4-Triazolo[4,3-a]pyridine-3(...	151	C6H5N3S	006952-68-7	25





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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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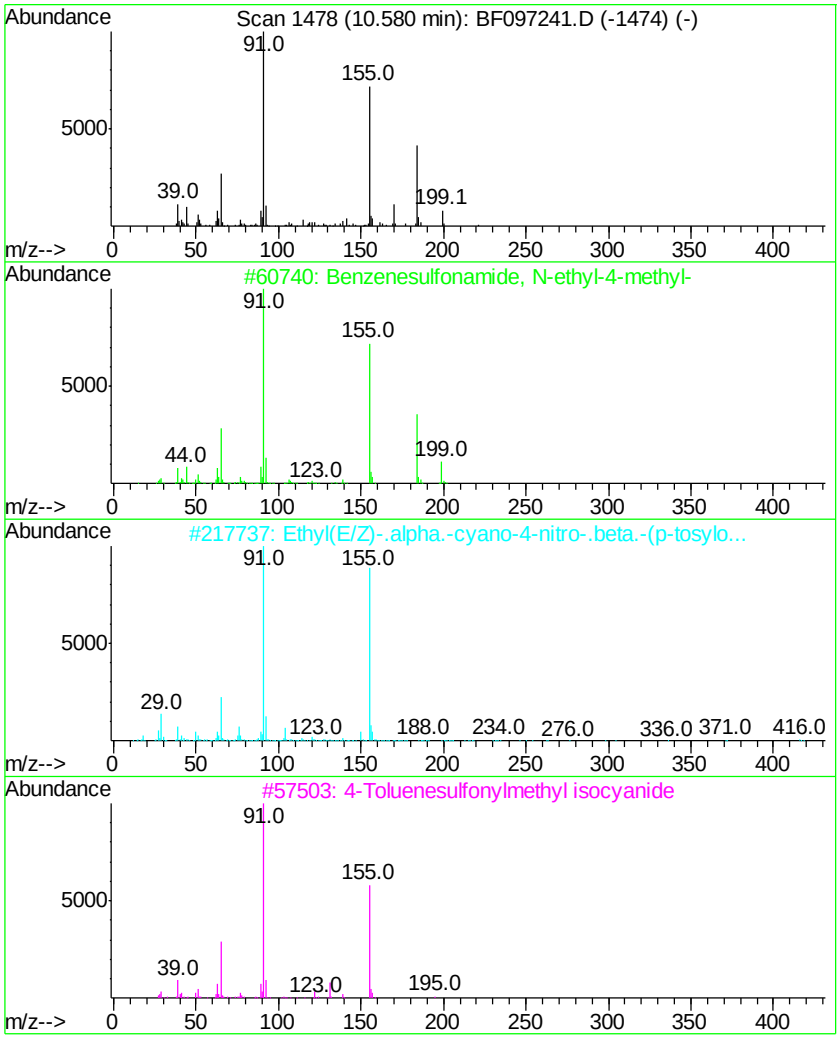
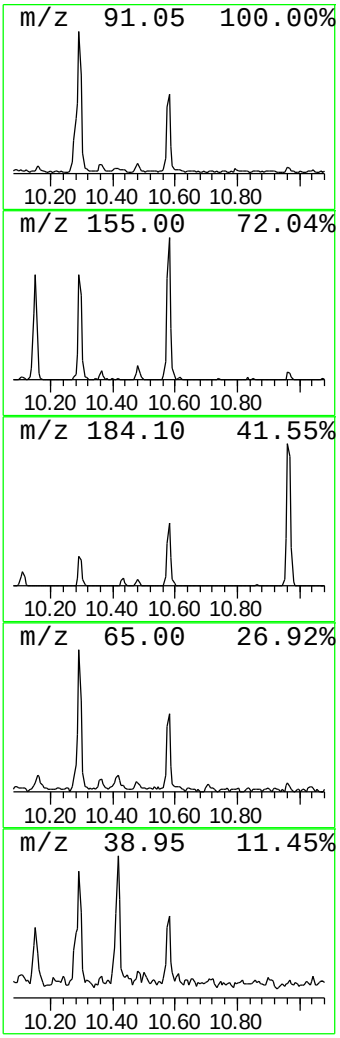
Peak Number 15 Benzenesulfonamide, N-ethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	6.28 ng	172736	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	52
2	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	47
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
4	Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	47
5	1H-[1,2,3]Triazole-4-carbonitril...	199	C10H9N5	1000303-46-0	38





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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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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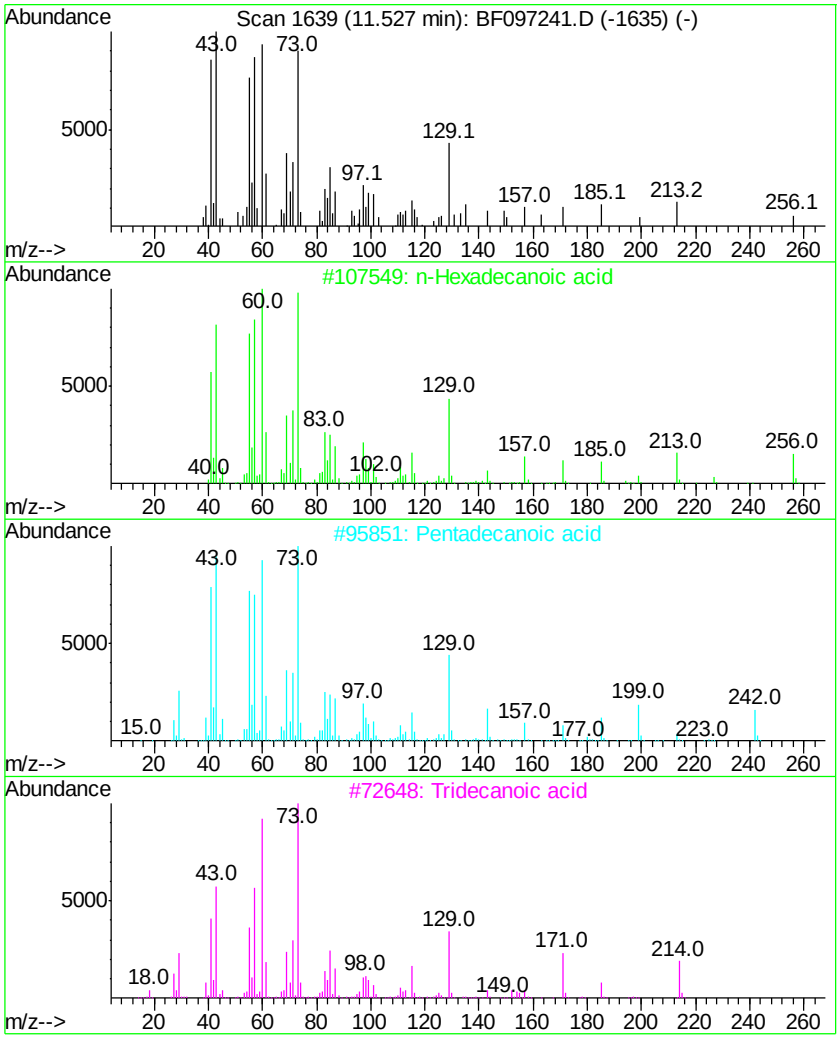
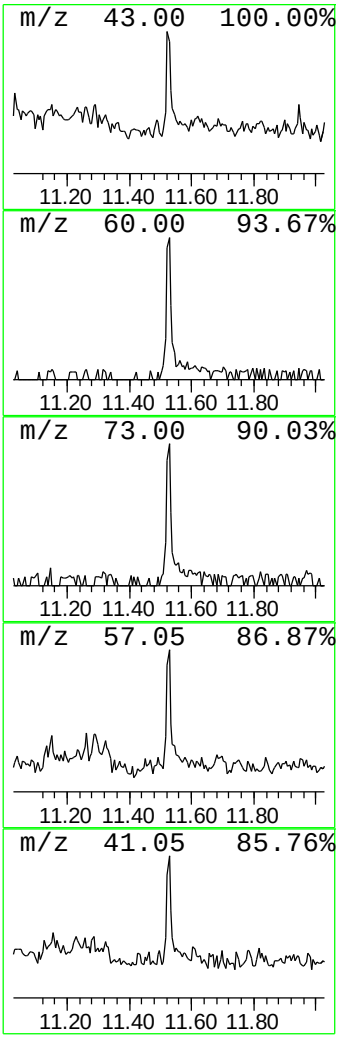
Peak Number 16 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.98 ng	81978	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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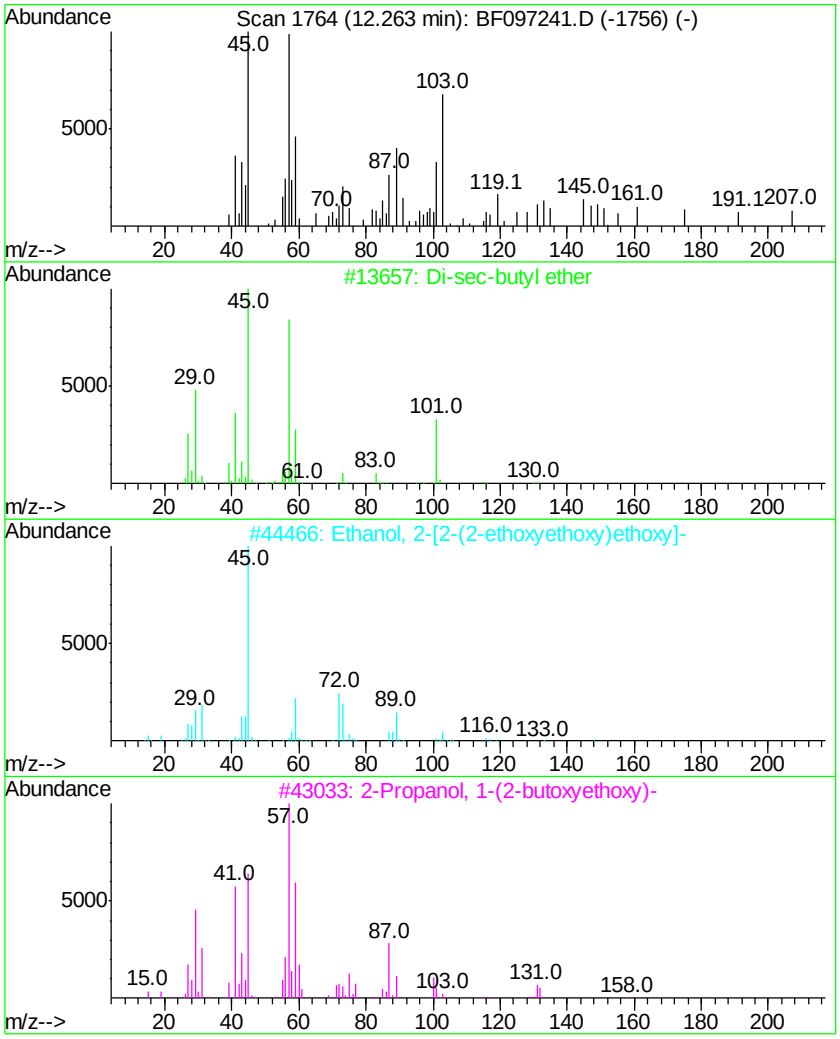
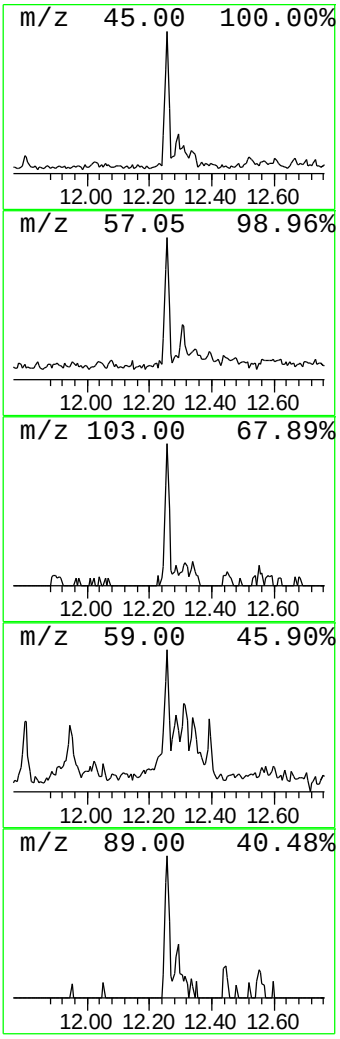
Peak Number 17 unknown12.26 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.50 ng	96122	Phenanthrene-d10	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	43
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	43
3	2-Propanol, 1-(2-butoxyethoxy)-	176	C9H20O3	000124-16-3	38
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	38
5	Pentane, 2-butoxy-	144	C9H20O	062238-02-2	38





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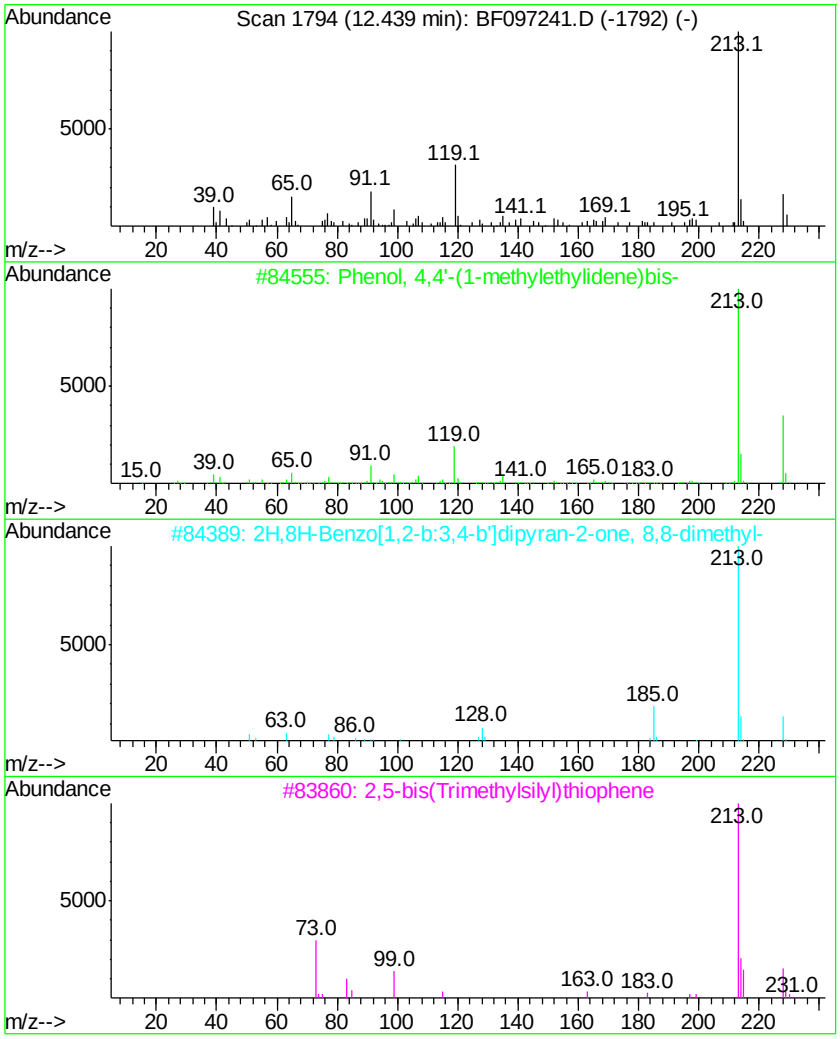
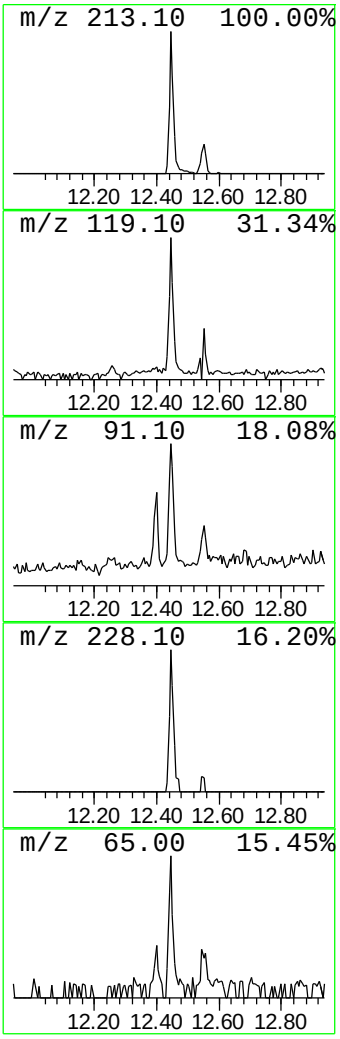
Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	4.44 ng	126029	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
3	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
4	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50





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Instrument : BNA_F
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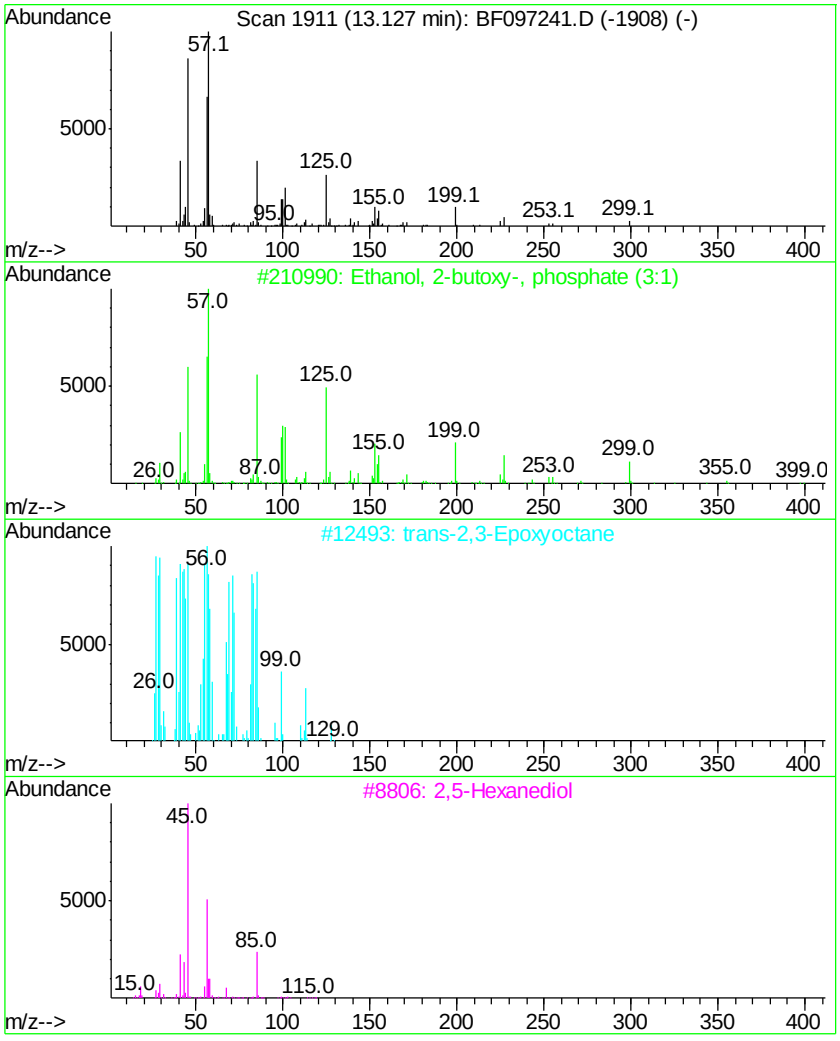
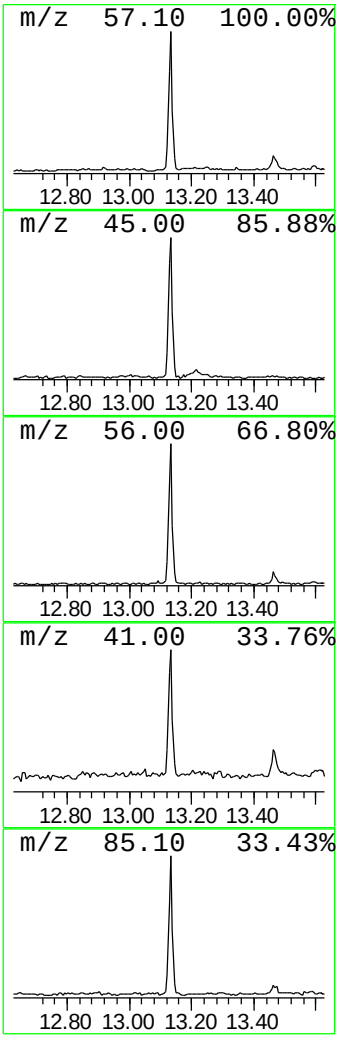
Peak Number 19 Ethanol, 2-butoxy-, phospha... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	10.33 ng	292962	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	47
3	2,5-Hexanediol	118	C6H14O2	002935-44-6	47
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	35
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	35





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ClientSampleId : MH-6

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

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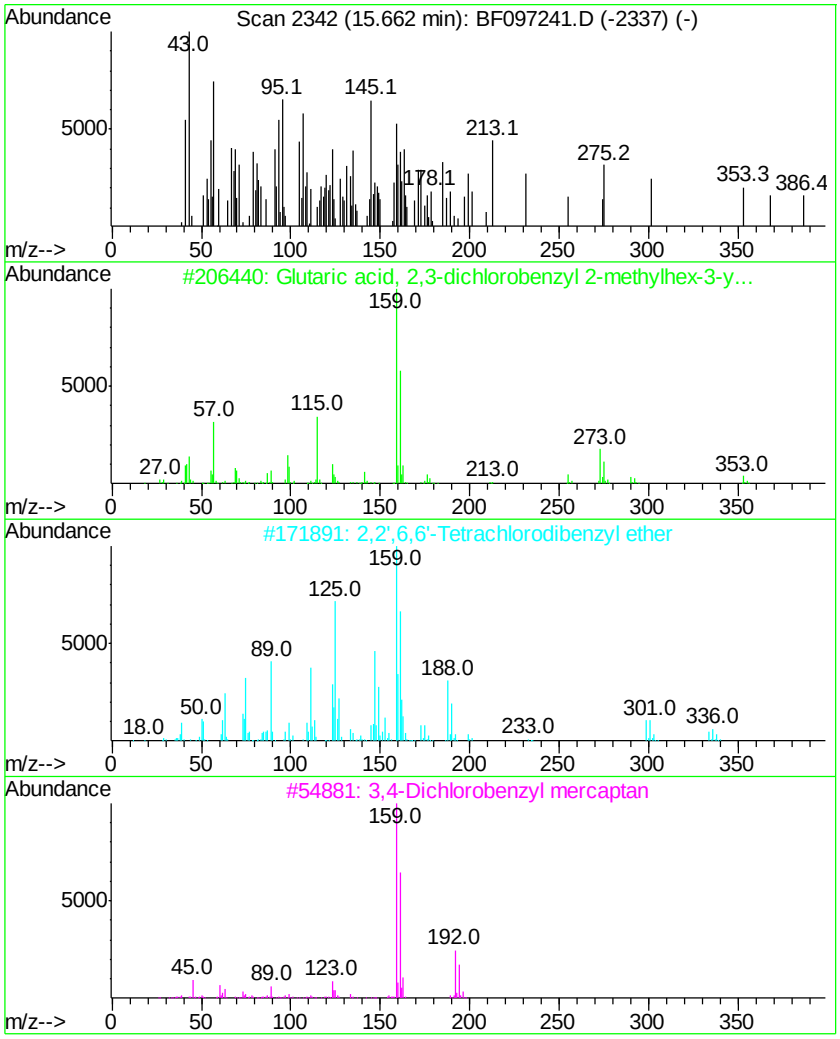
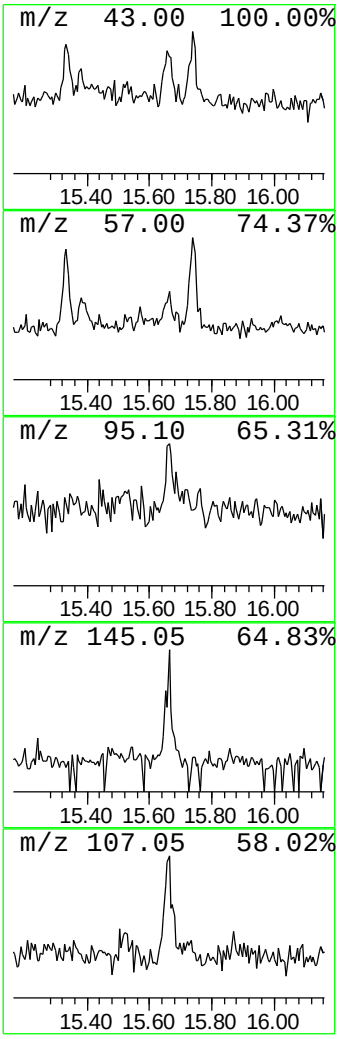
Peak Number 20 unknown15.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.49 ng	79755	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, 2,3-dichlorobenzy...	388	C19H26Cl2O4	1000371-42-5	10
2	2,2',6,6'-Tetrachlorodibenzyl ether	334	C14H10Cl4O	1000342-70-2	10
3	3,4-Dichlorobenzyl mercaptan	192	C7H6Cl2S	059293-67-3	10
4	5-(1-Benzoxazolyl)-2(1H)-pyrimid...	213	C11H7N3O2	349488-95-5	10
5	2,6-Dichlorobenzyl ether	334	C14H10Cl4O	073927-56-7	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080117\
Data File : BF097241.D
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Operator : SJ/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-6

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
2-Pentanone, 4-hy...	4.60	3.6	ng	155058	1	6.46	855120	20.0
Benzene, 1,3-dime...	5.00	11.8	ng	502344	1	6.46	855120	20.0
Benzene, 1,2,3-tr...	6.06	2.9	ng	124178	1	6.46	855120	20.0
unknown6.24	6.24	58.5	ng	2502710	1	6.46	855120	20.0
Mesitylene	6.29	3.3	ng	142332	1	6.46	855120	20.0
Benzenemethanamin...	6.67	11.3	ng	481953	1	6.46	855120	20.0
N,N-Dimethyloctyl...	7.13	3.8	ng	179736	2	7.75	937354	20.0
Phenol, p-tert-bu...	8.35	4.4	ng	206356	2	7.75	937354	20.0
unknown9.98	9.98	3.9	ng	166715	3	9.49	866490	20.0
Tributyl phosphate	10.15	5.7	ng	246915	3	9.49	866490	20.0
2(3H)-Benzothiazo...	10.42	16.3	ng	447014	4	10.96	549882	20.0
Benzenesulfonamid...	10.58	6.3	ng	172736	4	10.96	549882	20.0
n-Hexadecanoic acid	11.53	3.0	ng	81978	4	10.96	549882	20.0
unknown12.26	12.26	3.5	ng	96122	4	10.96	549882	20.0
Phenol, 4,4'-(1-m...	12.44	4.4	ng	126029	5	13.59	567351	20.0
Ethanol, 2-butoxy...	13.13	10.3	ng	292962	5	13.59	567351	20.0
unknown15.66	15.66	3.5	ng	79755	6	14.93	457384	20.0