LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096913.D
Acq On : 20 Jul 2017 18:44
Operator : SJ/JU
Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

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-BF071317.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	2.793	135	137	153	rVB	297845	562401	6.96%	0.621%
2	2.957	160	165	176	rVB4	104836	212000	2.62%	0.234%
3	3.152	190	198	209	rBV3	96140	213438	2.64%	0.236%
4	4.193	369	375	382	rVB	534918	699498	8.66%	0.773%
5	4.328	396	398	415	rBV	196968	346981	4.30%	0.383%
6	4.581	438	441	450	rBV	129699	204971	2.54%	0.226%
7	4.763	460	472	475	rBV	2463089	5121934	63.41%	5.660%
8	4.993	509	511	513	rBV	194817	207851	2.57%	0.230%
9	5.169	536	541	544	rBV	3356765	4365367	54.04%	4.824%
10	5.287	557	561	565	rBV3	395602	405897	5.02%	0.449%
11	5.357	570	573	576	rBV	198962	213170	2.64%	0.236%
12	5.399	576	580	583	rVB2	148508	176790	2.19%	0.195%
13	5.828	631	653	655	rBV	1877514	8077787	100.00%	8.926%
14	5.887	660	663	668	rVV2	149598	196362	2.43%	0.217%
15	6.116	700	702	704	rBV	293745	311795	3.86%	0.345%
16	6.246	720	724	734	rBV	763081	1218655	15.09%	1.347%
17	6.357	735	743	749	rVV2	1759376	3021645	37.41%	3.339%
18	6.434	753	756	762	rVB3	94554	186360	2.31%	0.206%
19	6.569	775	779	784	rBV	766460	683007	8.46%	0.755%
20	6.616	784	787	790	rBV	593279	575518	7.12%	0.636%
21	6.645	790	792	796	rVB2	266906	250791	3.10%	0.277%
22	6.728	802	806	810	rBV	1997566	1822328	22.56%	2.014%
23	6.834	821	824	827	rBV	195898	176671	2.19%	0.195%
24	6.981	844	849	857	rBV3	394060	720578	8.92%	0.796%
25	7.063	857	863	866	rVB2	732035	799853	9.90%	0.884%
26	7.140	870	876	878	rBV2	1502590	1934403	23.95%	2.138%
27	7.281	897	900	905	rVB2	150201	187918	2.33%	0.208%
28	7.416	918	923	927	rBV2	177743	199815	2.47%	0.221%
29	7.475	927	933	937	rBV3	297496	576043	7.13%	0.637%
30	7.581	946	951	953	rBV2	459866	563172	6.97%	0.622%
31	7.640	959	961	964	rVB2	303321	269140	3.33%	0.297%
32	7.775	981	984	988	rBV2	695934	638068	7.90%	0.705%
33	7.851	995	997	999	rBV	722749	570678	7.06%	0.631%
34	7.916	1004	1008	1010	rBV	747092	729799	9.03%	0.806%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.969	1010	1017	1018	rBV4	919155	1584479	19.62%	1.751%
36	8.028	1019	1027	1031	rBV	1866977	4182431	51.78%	4.622%
37	8.116	1037	1042	1050	rVB4	427226	822635	10.18%	0.909%
38	8.210	1050	1058	1061	rBV	2870973	3884615	48.09%	4.293%
39	8.251	1063	1065	1068	rBV2	294193	182408	2.26%	0.202%
40	8.375	1083	1086	1088	rBV	454013	448913	5.56%	0.496%
41	8.404	1088	1091	1094	rVB	1254415	1113572	13.79%	1.231%
42	8.457	1094	1100	1103	rBV2	852720	900927	11.15%	0.996%
43	8.510	1105	1109	1113	rVB2	1134735	1093151	13.53%	1.208%
44	8.551	1113	1116	1118	rBV	158156	189809	2.35%	0.210%
45	8.587	1118	1122	1127	rVV	832499	1125405	13.93%	1.244%
46	8.639	1129	1131	1133	rVV2	233812	203444	2.52%	0.225%
47	8.669	1133	1136	1139	rVB2	198201	208585	2.58%	0.230%
48	8.734	1140	1147	1149	rBV3	349910	550012	6.81%	0.608%
49	8.781	1153	1155	1160	rVV4	267131	492734	6.10%	0.544%
50	8.822	1160	1162	1164	rVV2	274411	298625	3.70%	0.330%
51	8.857	1164	1168	1171	rVV	1636245	1569433	19.43%	1.734%
52	8.934	1173	1181	1184	rVV	2371509	2654427	32.86%	2.933%
53	8.998	1184	1192	1194	rVV2	2511679	3723733	46.10%	4.115%
54	9.104	1203	1210	1216	rVV4	1792928	3321560	41.12%	3.670%
55	9.157	1216	1219	1224	rVV2	559222	715115	8.85%	0.790%
56	9.204	1224	1227	1228	rVV	224388	260074	3.22%	0.287%
57	9.228	1228	1231	1236	rVB	826716	850997	10.54%	0.940%
58	9.351	1247	1252	1255	rVV	628499	766276	9.49%	0.847%
59	9.381	1255	1257	1261	rVB2	309066	254207	3.15%	0.281%
60	9.481	1270	1274	1276	rBV2	398104	450561	5.58%	0.498%
61	9.545	1280	1285	1289	rBV2	1951362	2141402	26.51%	2.366%
62	9.604	1291	1295	1298	rVV2	704756	684694	8.48%	0.757%
63	9.757	1318	1321	1323	rBV	474230	419287	5.19%	0.463%
64	9.781	1323	1325	1328	rVB	463651	401944	4.98%	0.444%
65	9.822	1328	1332	1335	rBV	600824	520004	6.44%	0.575%
66	9.875	1335	1341	1344	rVB2	472601	582290	7.21%	0.643%
67	9.922	1345	1349	1352	rVB2	156017	214947	2.66%	0.238%
68	10.028	1360	1367	1374	rVB4	701250	1461879	18.10%	1.615%
69	10.081	1374	1376	1383	rVB5	147798	239279	2.96%	0.264%
70	10.145	1383	1387	1390	rBV3	326772	394345	4.88%	0.436%
71	10.316	1413	1416	1421	rVB5	118693	224515	2.78%	0.248%

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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72	10.398	1425	1430	1432	rBV	1009443	1079850	13.37%	1.193%
73	10.416	1432	1433	1438	rVB2	416221	366130	4.53%	0.405%
74	10.533	1450	1453	1457	rBV2	314544	280240	3.47%	0.310%
75	10.592	1458	1463	1465	rBV3	295165	412895	5.11%	0.456%
76	10.639	1468	1471	1473	rVB4	192134	199851	2.47%	0.221%
77	10.681	1473	1478	1480	rBV	1593406	1430674	17.71%	1.581%
78	10.710	1480	1483	1484	rBV2	159056	181766	2.25%	0.201%
79	10.739	1485	1488	1489	rBV2	330114	338111	4.19%	0.374%
80	10.875	1509	1511	1514	rVB	225756	171244	2.12%	0.189%
81	10.992	1523	1531	1540	rVV3	628204	1345411	16.66%	1.487%
82	11.080	1543	1546	1548	rVB	559896	441024	5.46%	0.487%
83	11.304	1579	1584	1588	rVB4	228700	349289	4.32%	0.386%
84	11.392	1593	1599	1601	rBV2	340828	585838	7.25%	0.647%
85	11.439	1605	1607	1612	rVB3	150662	182429	2.26%	0.202%
86	11.592	1630	1633	1636	rBV	503203	460108	5.70%	0.508%
87	11.645	1639	1642	1644	rVV2	260045	269425	3.34%	0.298%
88	11.669	1644	1646	1648	rVV	198222	227271	2.81%	0.251%
89	11.698	1648	1651	1656	rVB	1036420	989361	12.25%	1.093%
90	11.763	1658	1662	1666	rBV2	589199	626629	7.76%	0.692%
91	11.922	1685	1689	1696	rVV8	177054	352853	4.37%	0.390%
92	11.975	1696	1698	1701	rVB2	187393	179965	2.23%	0.199%
93	12.369	1762	1765	1768	rVB	442020	396702	4.91%	0.438%
94	12.422	1771	1774	1776	rBV	195350	171725	2.13%	0.190%
95	12.663	1811	1815	1819	rVB	1561482	1559849	19.31%	1.724%
96	13.133	1892	1895	1904	rVB5	349238	441660	5.47%	0.488%
97	13.292	1918	1922	1924	rVB	762376	727106	9.00%	0.803%
98	13.710	1990	1993	1996	rVB	465645	449803	5.57%	0.497%
99	13.839	2012	2015	2020	rVB	171274	213788	2.65%	0.236%
100	15.074	2221	2225	2230	rVB	415080	492281	6.09%	0.544%

Sum of corrected areas: 90496676

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Data File : BF096913.D
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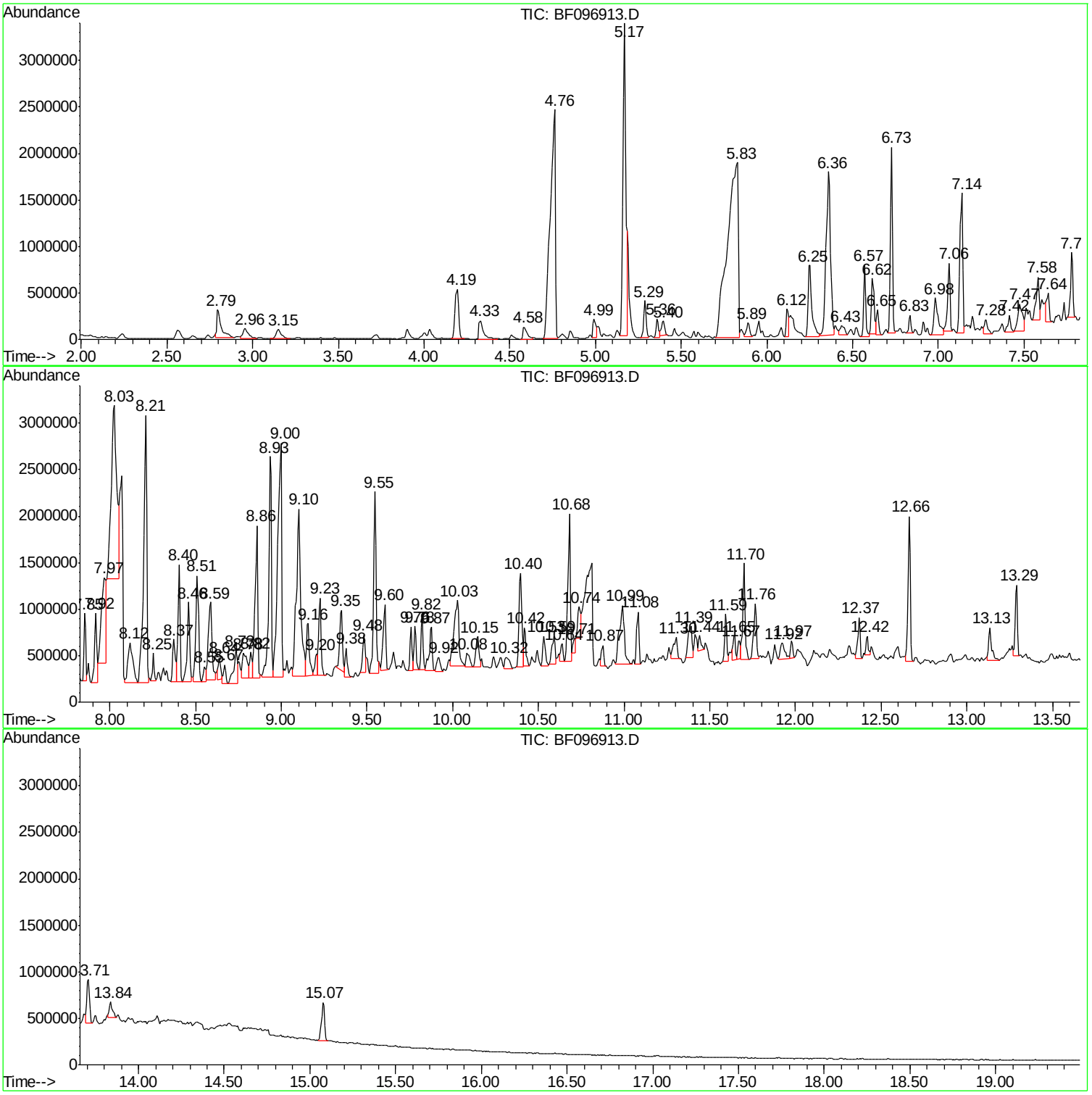
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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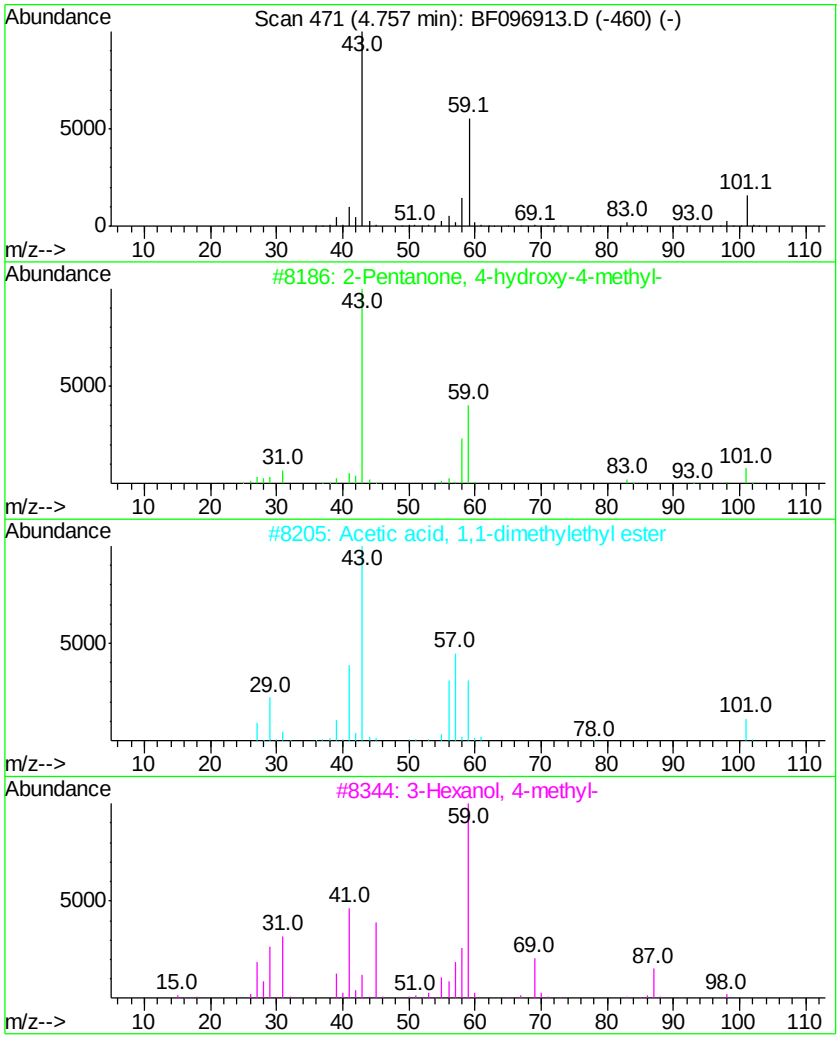
TIC Integration Parameters: LSCINT.P

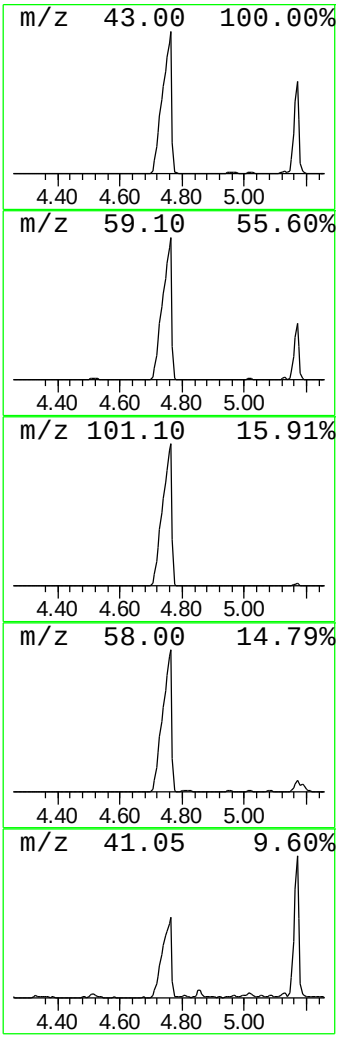
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	149.98 ng	5121930	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

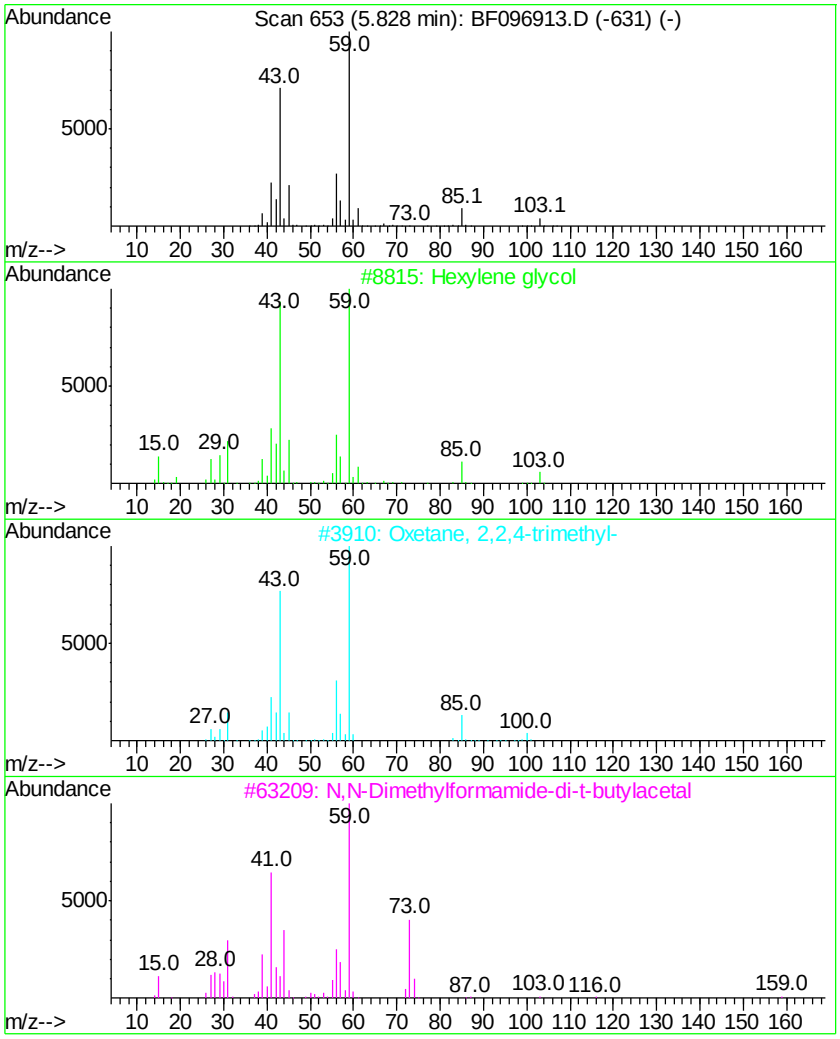
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

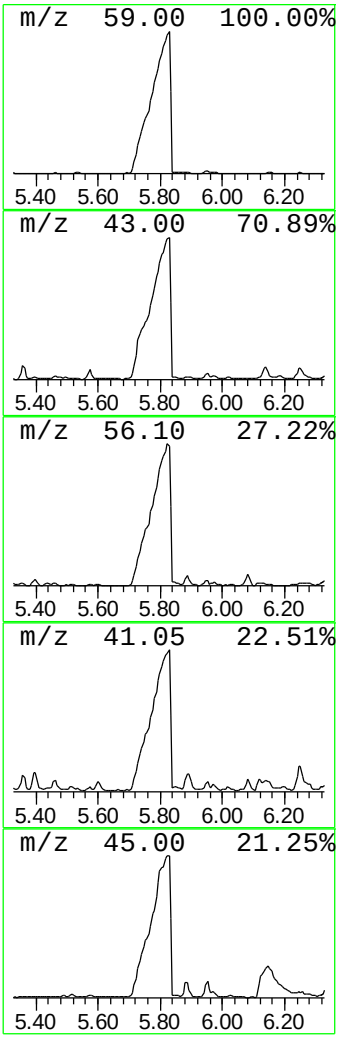
****

Peak Number 2 Hexylene glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	236.54 ng	8077790	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	83
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	45
4	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	42
5	tert-Butyl carbamate	117	C5H11NO2	004248-19-5	38





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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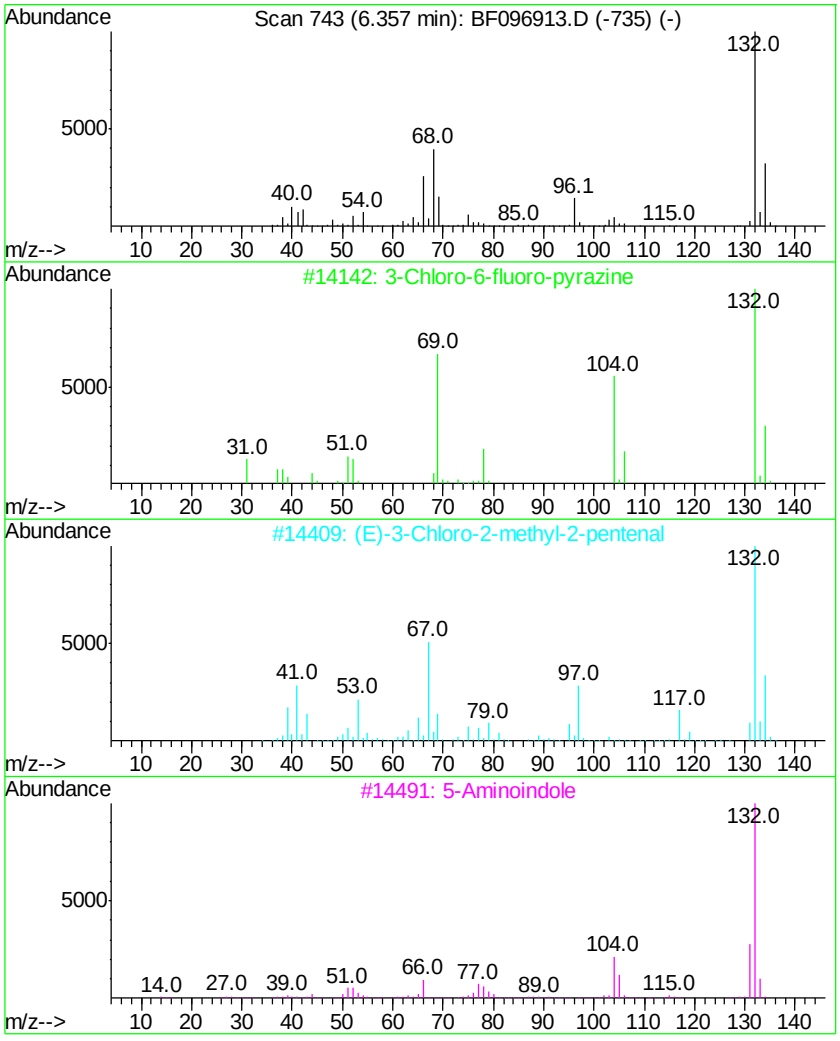
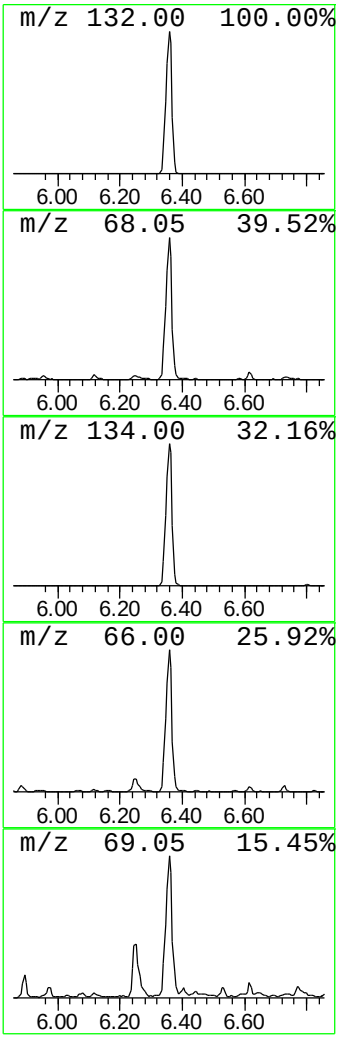
****

Peak Number 3 unknown6.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	88.48 ng	3021650	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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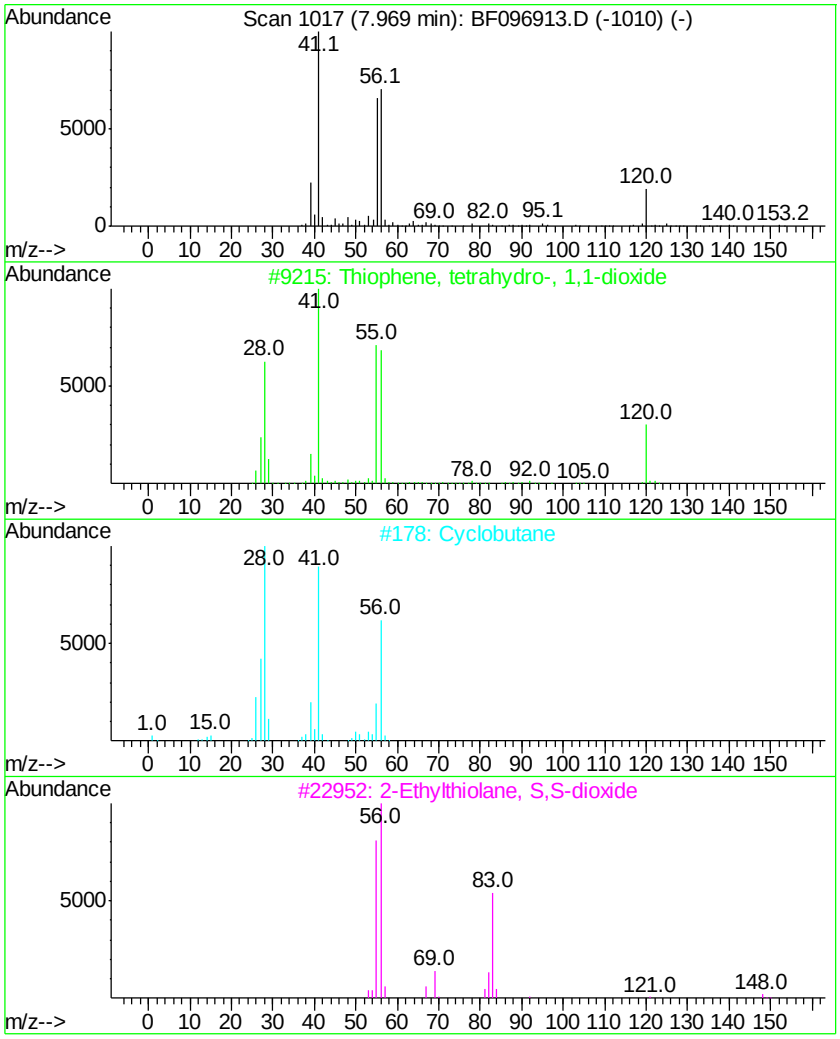
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

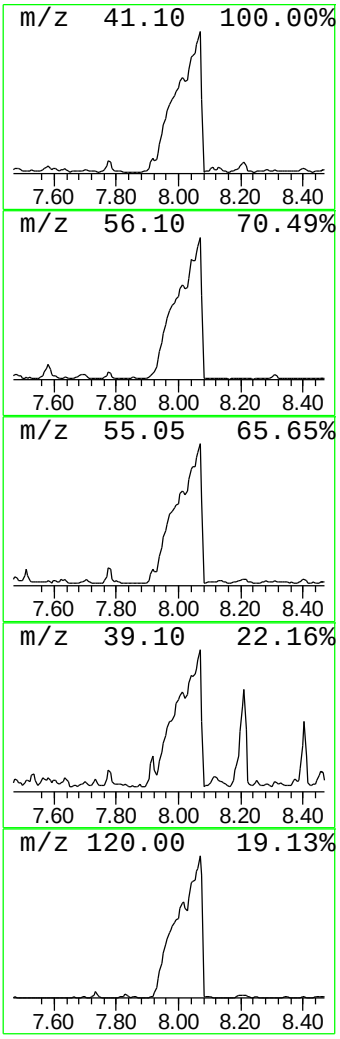
****

Peak Number 5 Thiophene, tetrahydro-, 1,1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	55.53 ng	1584480	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	78
2	Cyclobutane	56	C4H8	000287-23-0	43
3	2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	40
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	32
5	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	25





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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

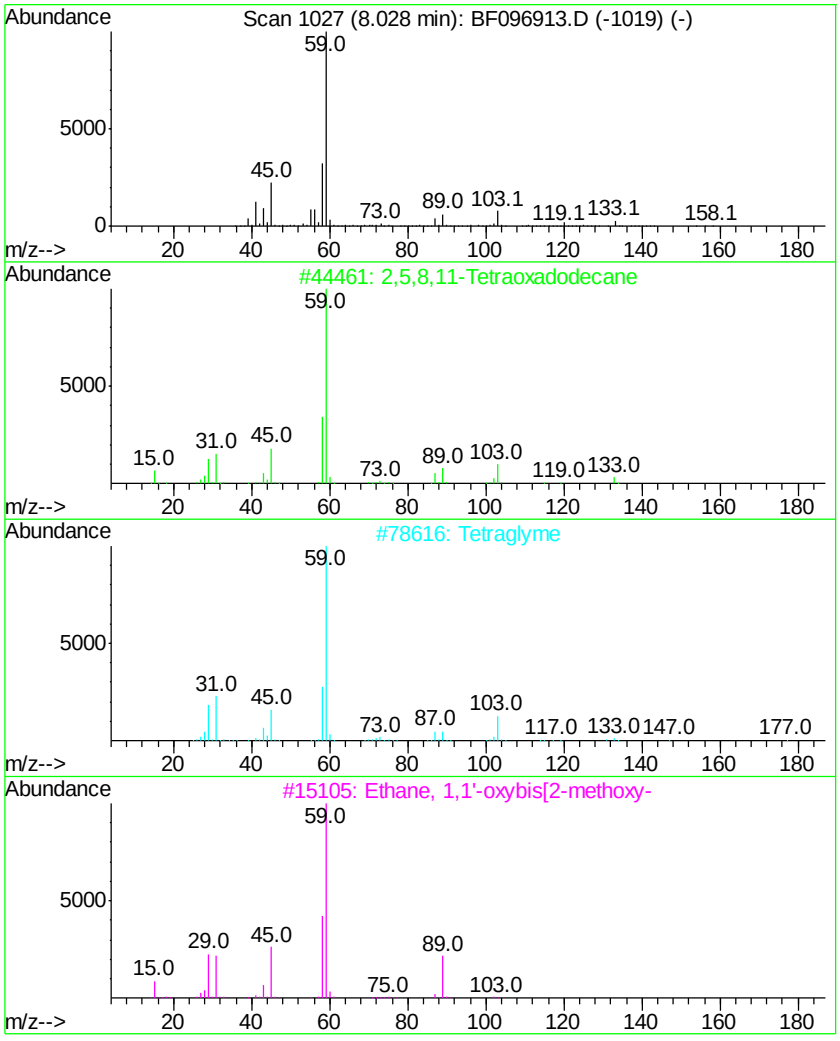
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

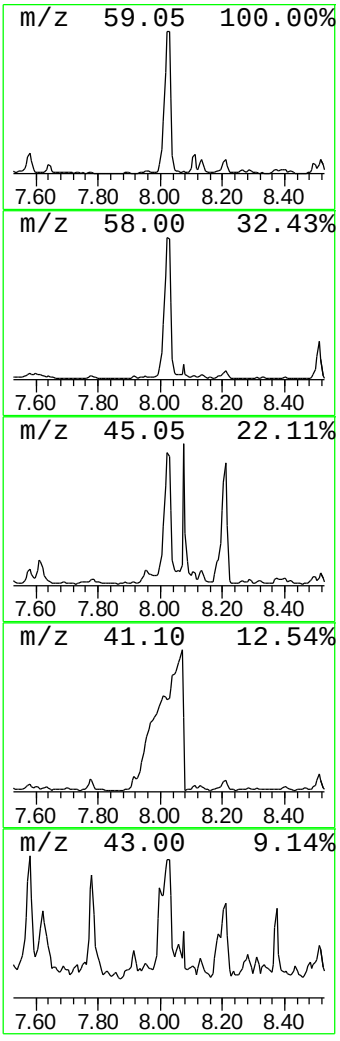
****

Peak Number 6 2,5,8,11-Tetraoxadodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	146.58 ng	4182430	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	78
2	Tetraglyme	222	C10H22O5	000143-24-8	72
3	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	72
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	59





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Acq On : 20 Jul 2017 18:44
Operator : SJ/JU
Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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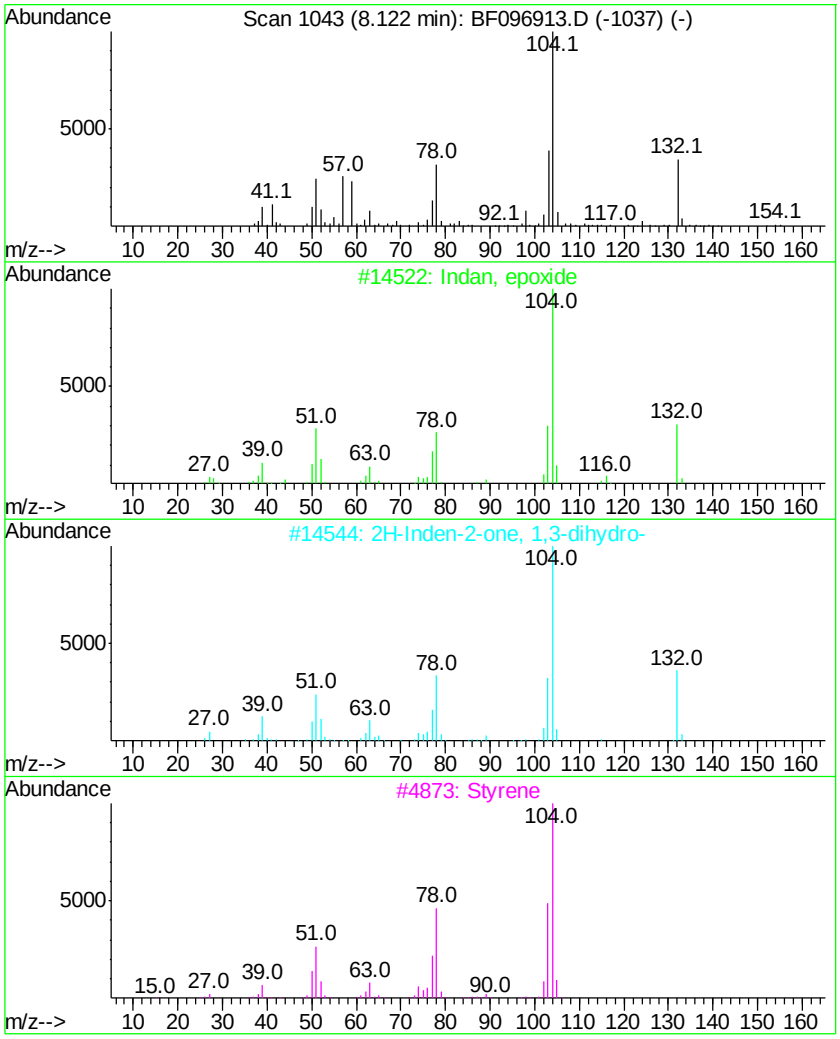
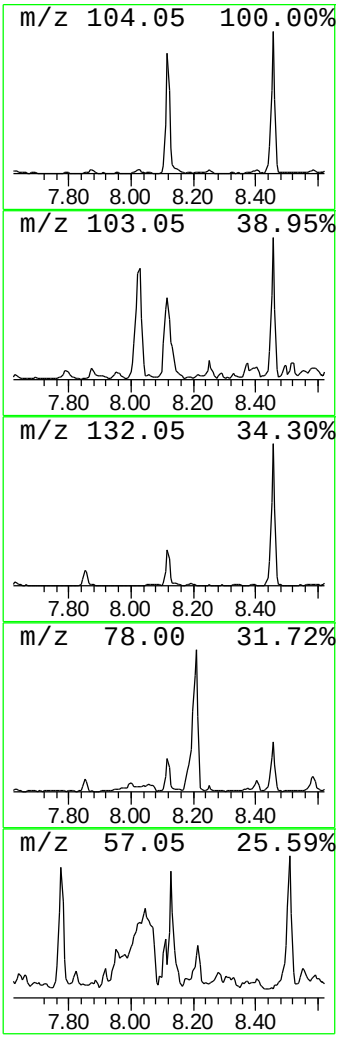
Peak Number 7 Indan, epoxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	28.83 ng	822635	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, epoxide	132	C9H8O	000768-22-9	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	96
3	Styrene	104	C8H8	000100-42-5	93
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	87
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	81





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ClientSampleId : DRUM-4-5-6-7-COMP

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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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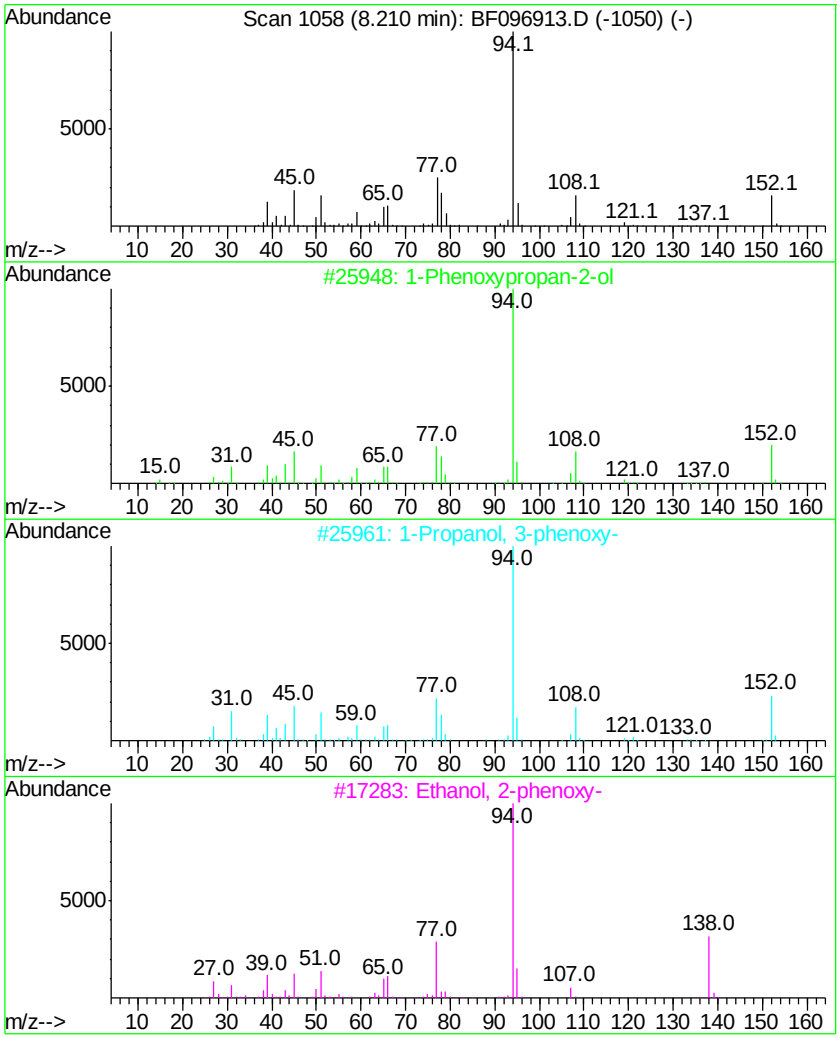
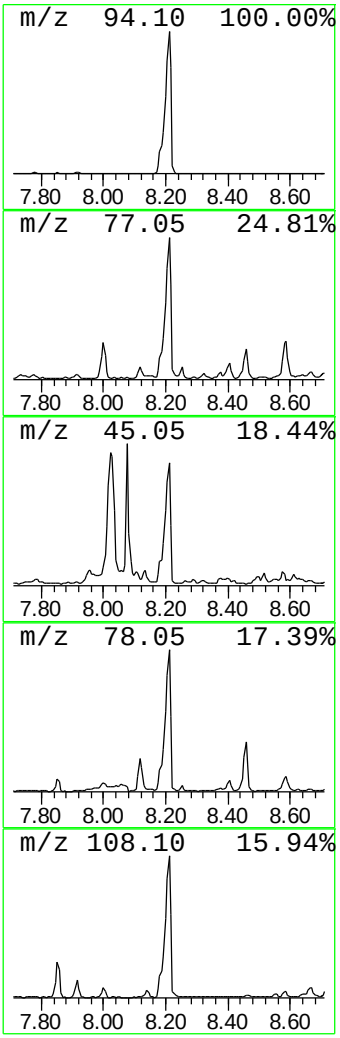
Peak Number 8 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	136.14 ng	3884620	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	97
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	53
5	2-Hexen-4-yne, 2-methyl-	94	C7H10	058275-93-7	53





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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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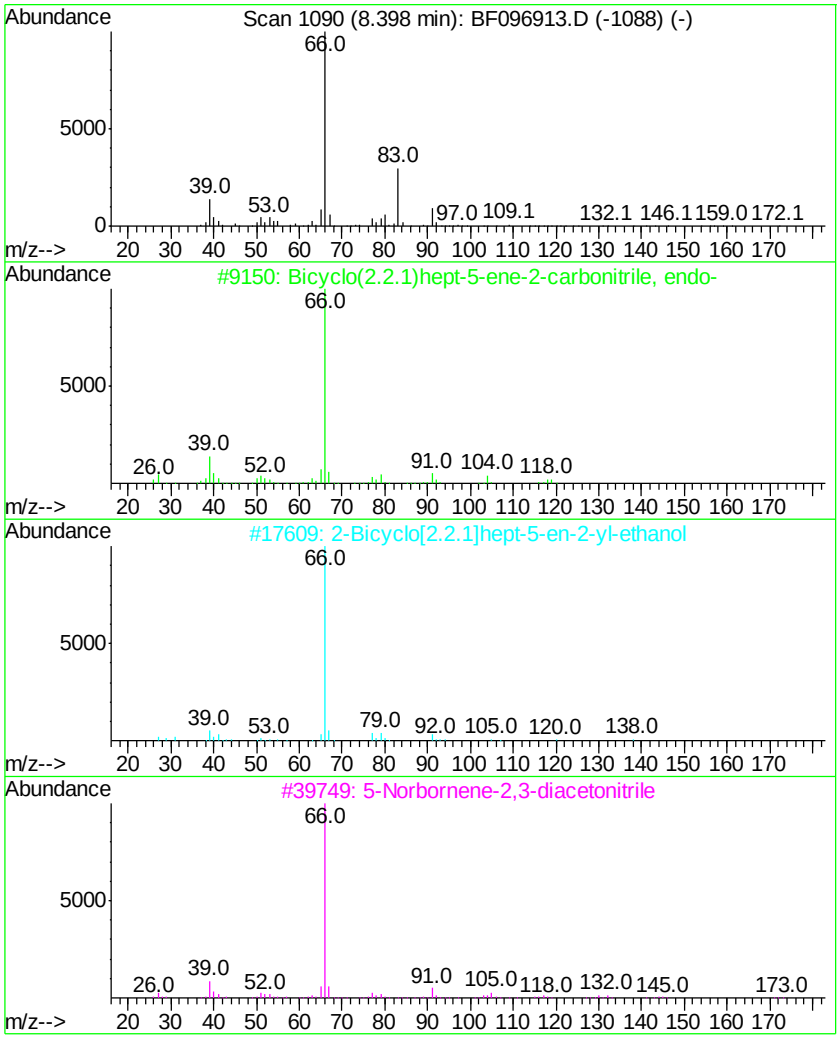
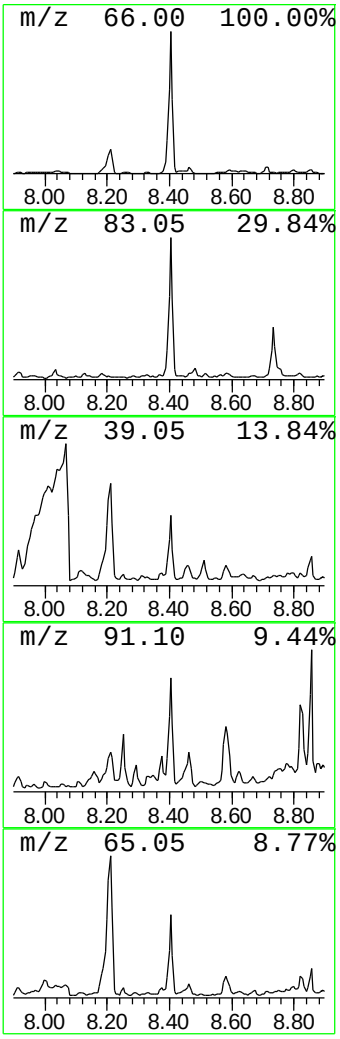
Peak Number 9 Bicyclo(2.2.1)hept-5-ene-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	39.03 ng	1113570	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo(2.2.1)hept-5-ene-2-carbo...	119	C8H9N	002888-90-6	78
2	2-Bicyclo[2.2.1]hept-5-en-2-yl-e...	138	C9H14O	013080-91-6	78
3	5-Norbornene-2,3-diacetonitrile	172	C11H12N2	101832-55-7	78
4	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	78
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	78





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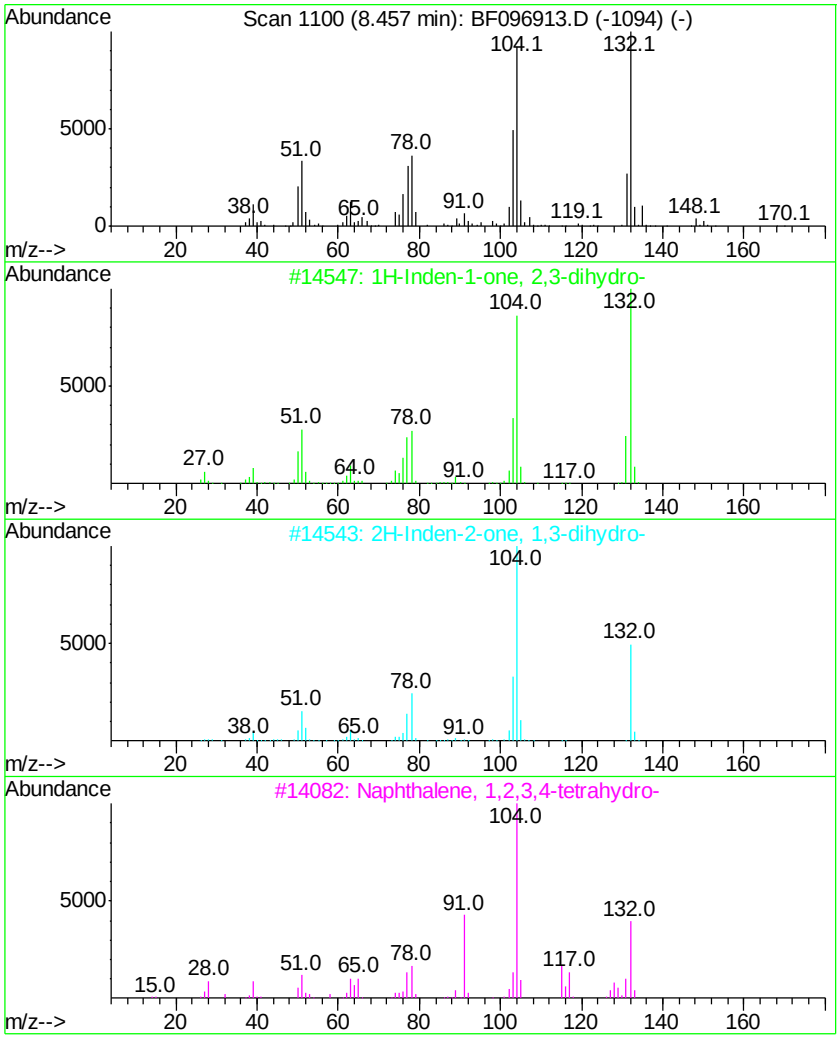
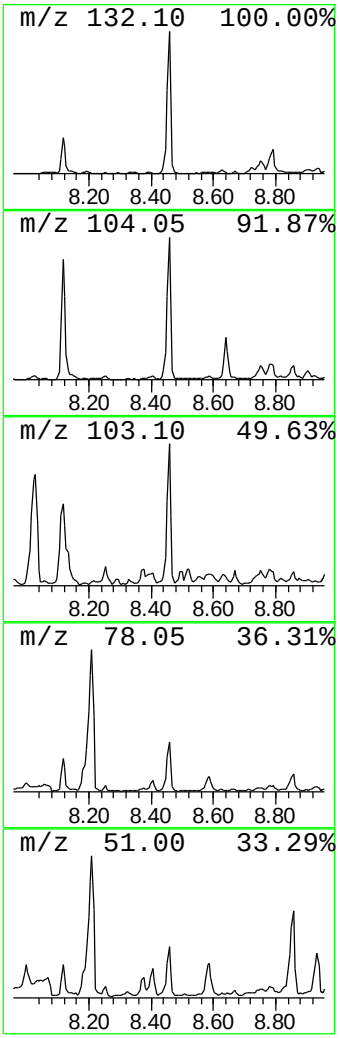
Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	31.57 ng	900927	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	76
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	72
4	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	59
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	55





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ClientSampleId : DRUM-4-5-6-7-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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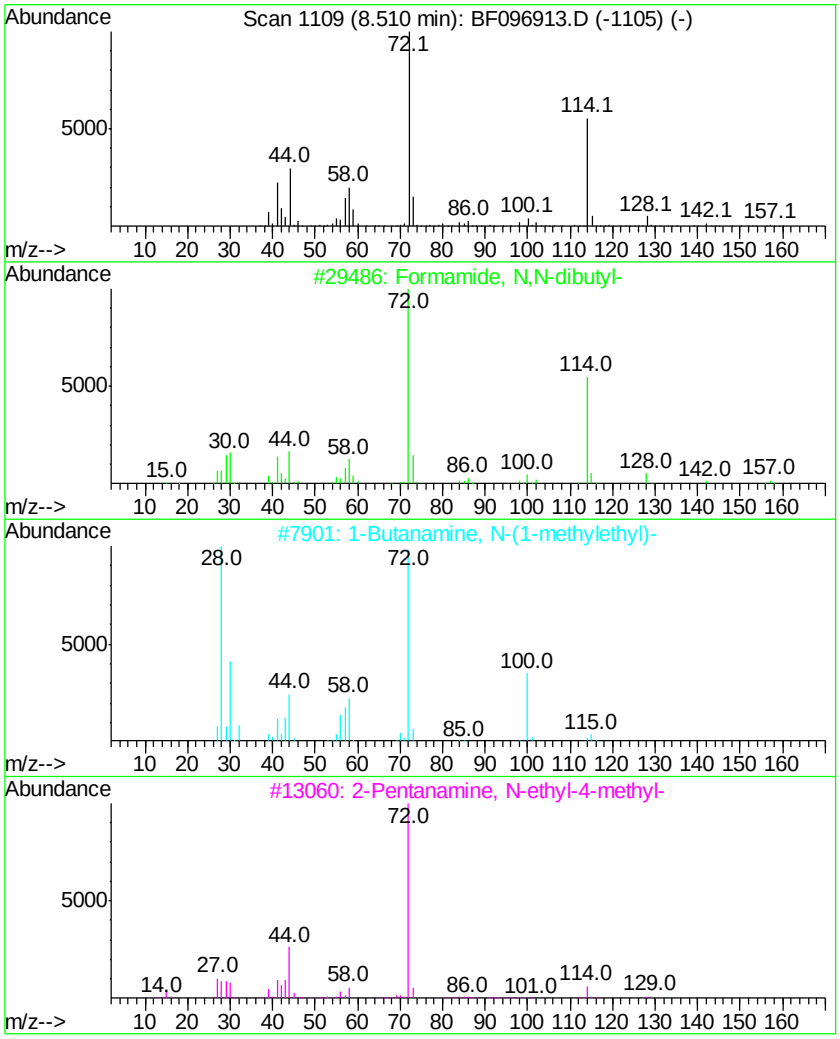
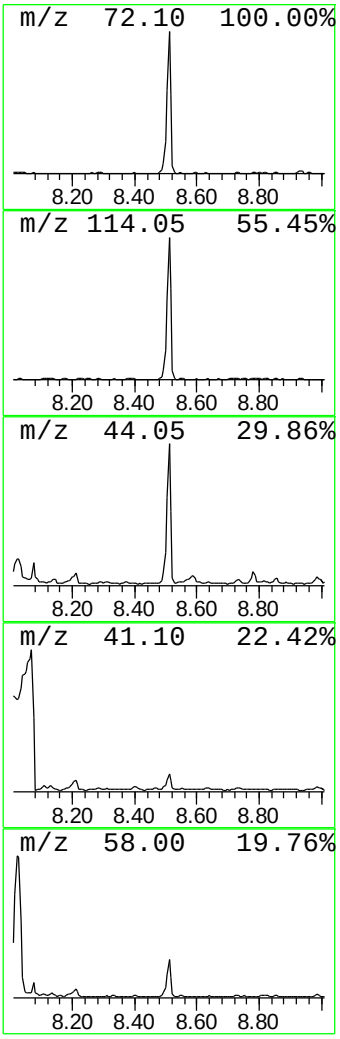
Peak Number 11 Formamide, N,N-dibutyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	38.31 ng	1093150	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	64
2	1-Butanamine, N-(1-methylethyl)-	115	C7H17N	039099-23-5	42
3	2-Pentanamine, N-ethyl-4-methyl-	129	C8H19N	042966-64-3	38
4	Dimethyl(2-octyl)amine	157	C10H23N	007378-97-4	38
5	Isobutyl-propyl-amine	115	C7H17N	039190-66-4	37





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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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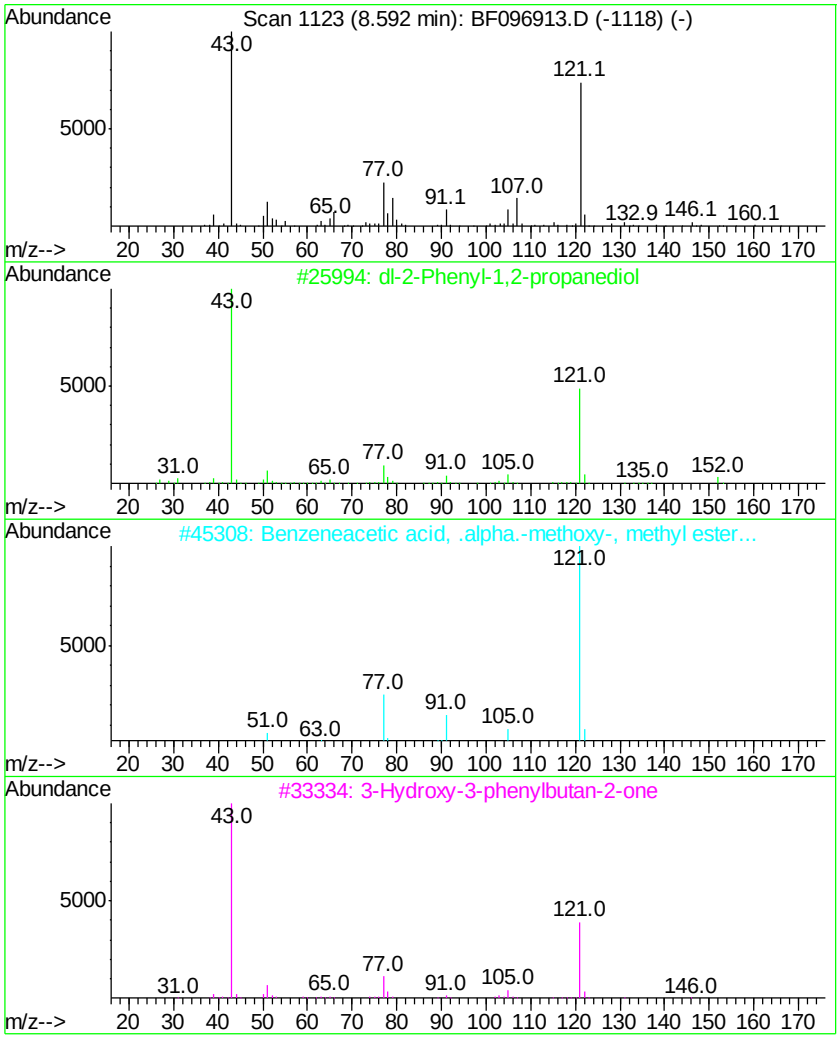
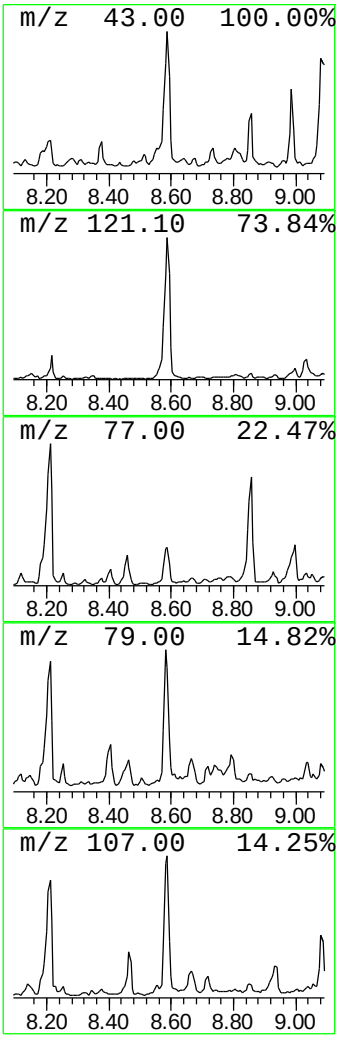
Peak Number 12 unknown8.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	39.44 ng	1125410	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	47
2	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	38
3	3-Hydroxy-3-phenylbutan-2-one	164	C10H12O2	1000368-45-5	38
4	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	38
5	Atrolactic acid	166	C9H10O3	000515-30-0	32





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Misc :
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Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

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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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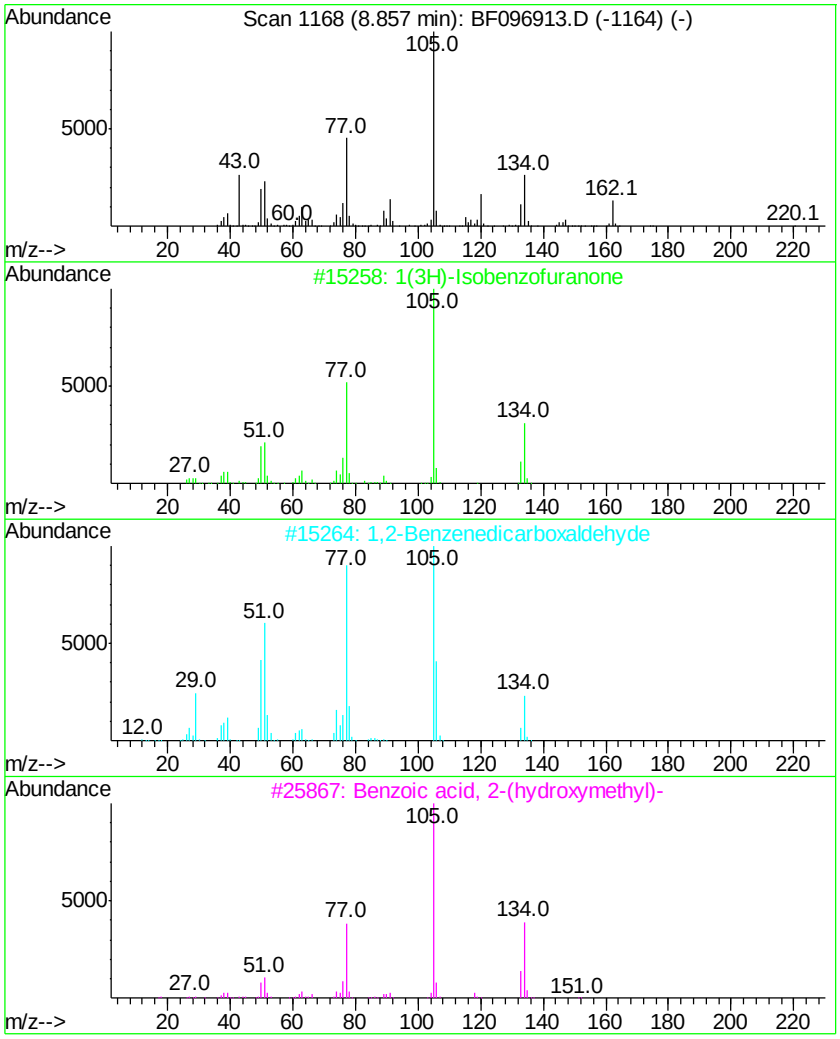
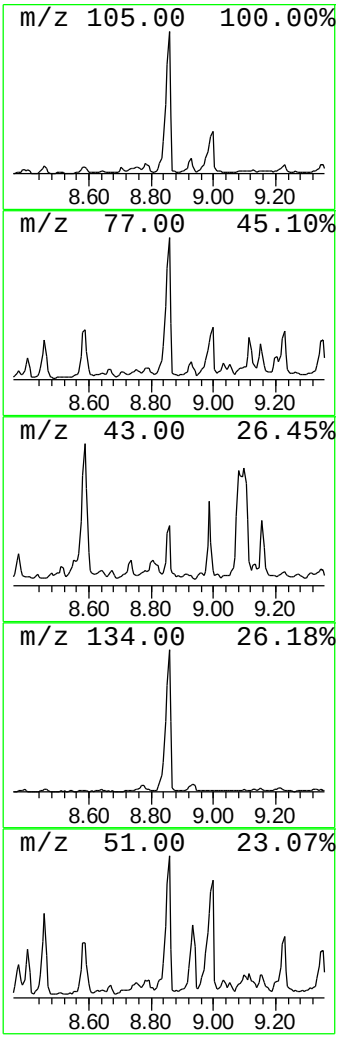
Peak Number 13 1(3H)-Isobenzofuranone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	45.84 ng	1569430	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	93
2	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	80
3	Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	53
4	2-Phenyl-oxetane	134	C9H10O	1000145-26-5	53
5	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	53





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Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

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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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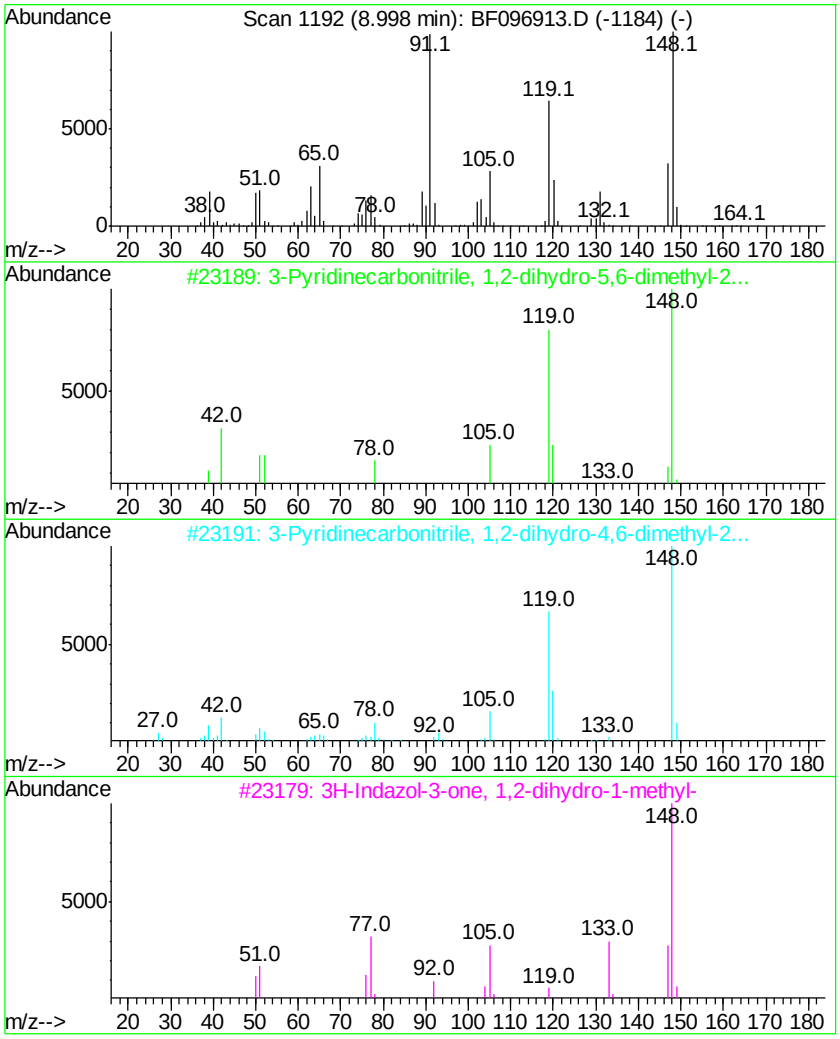
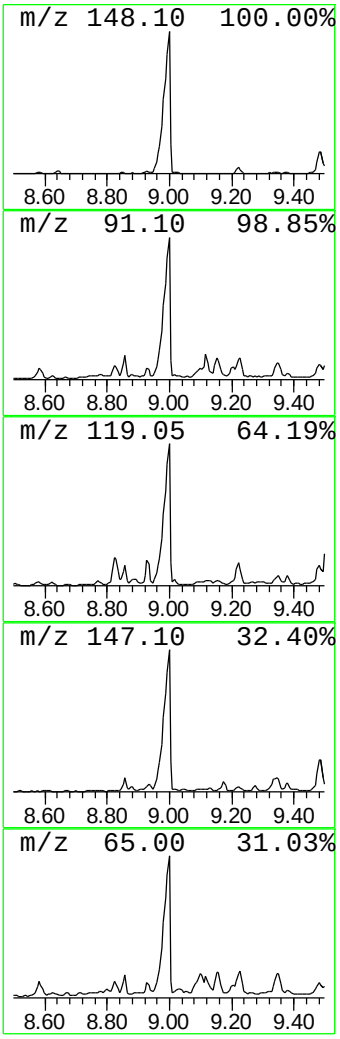
Peak Number 14 3-Pyridinecarbonitrile, 1,2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	108.77 ng	3723730	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarbonitrile, 1,2-dihy...	148	C8H8N2O	072716-80-4	64
2	3-Pyridinecarbonitrile, 1,2-dihy...	148	C8H8N2O	000769-28-8	58
3	3H-Indazol-3-one, 1,2-dihydro-1-...	148	C8H8N2O	001006-19-5	53
4	2H-Benzimidazol-2-one, 1,3-dihyd...	148	C8H8N2O	001849-01-0	53
5	2(3H)-Benzoxazolimine, 3-methyl-	148	C8H8N2O	018034-93-0	52





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TIC Library : C:\DATABASE\NIST11.L
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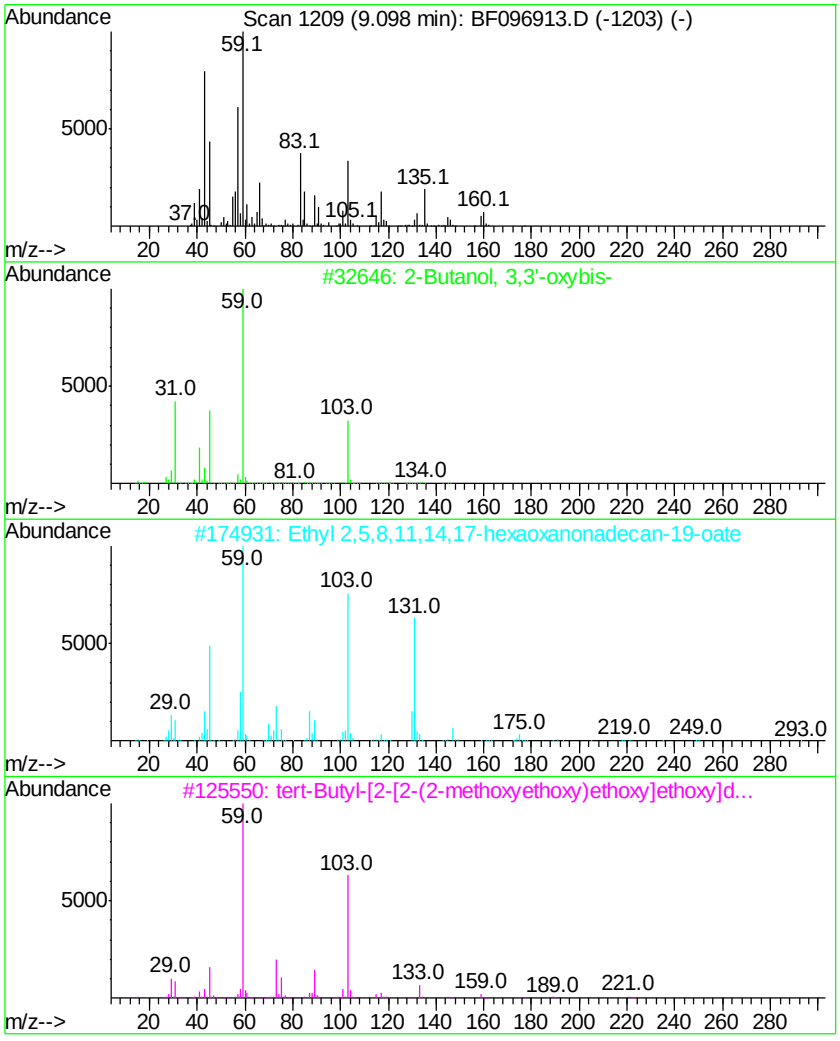
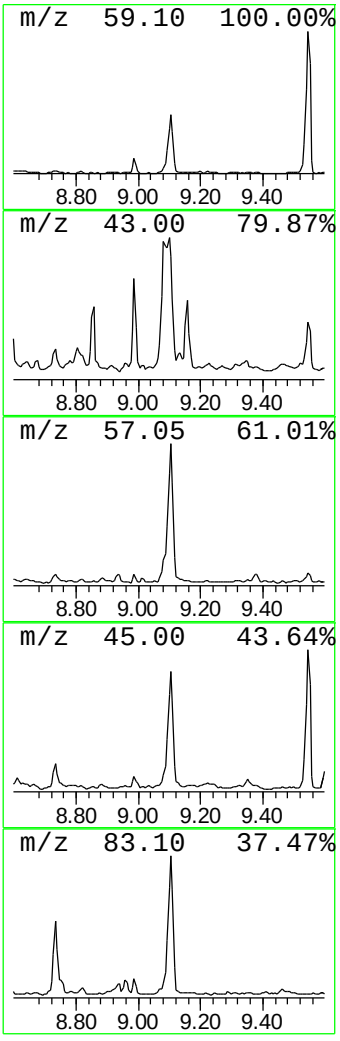
Peak Number 15 unknown9.10 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	97.02 ng	3321560	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	38
2	Ethyl 2,5,8,11,14,17-hexaoxanona...	338	C15H30O8	1000366-80-6	38
3	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	35
4	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	35
5	Ethyl 2,5,8,11,14-pentaoxahexade...	294	C13H26O7	1000366-80-7	32





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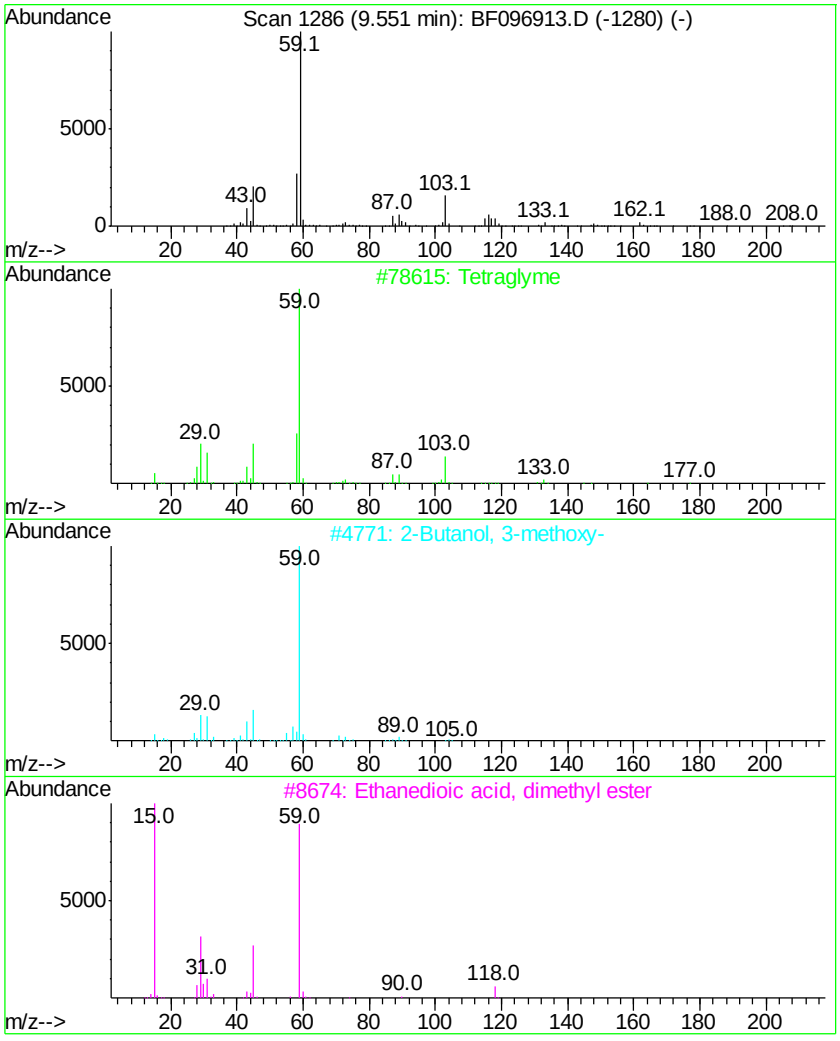
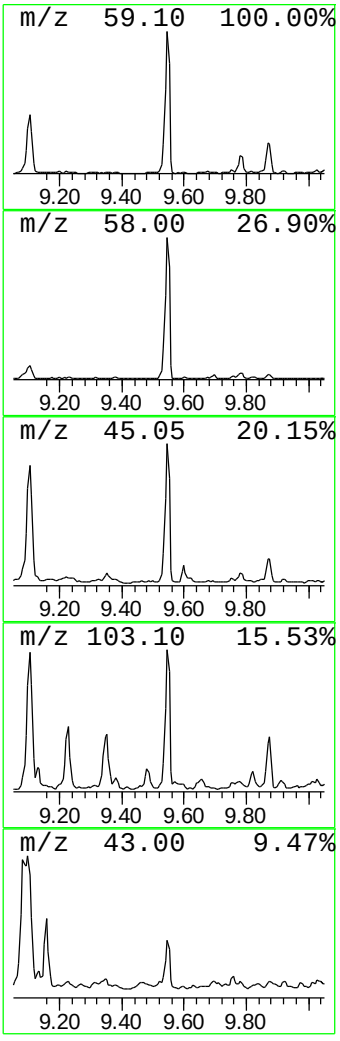
Peak Number 16 Tetraglyme Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	62.55 ng	2141400	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraglyme	222	C10H22O5	000143-24-8	72
2	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	50
3	Ethanedioic acid, dimethyl ester	118	C4H6O4	000553-90-2	50
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	47
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	47





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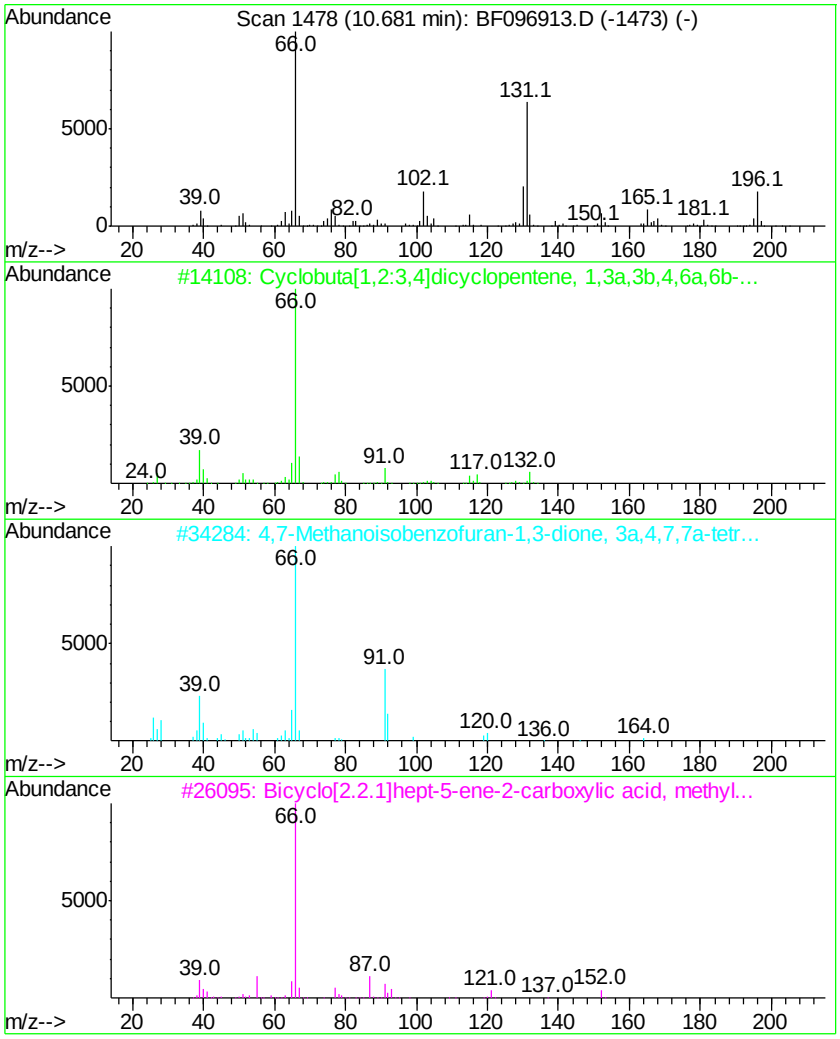
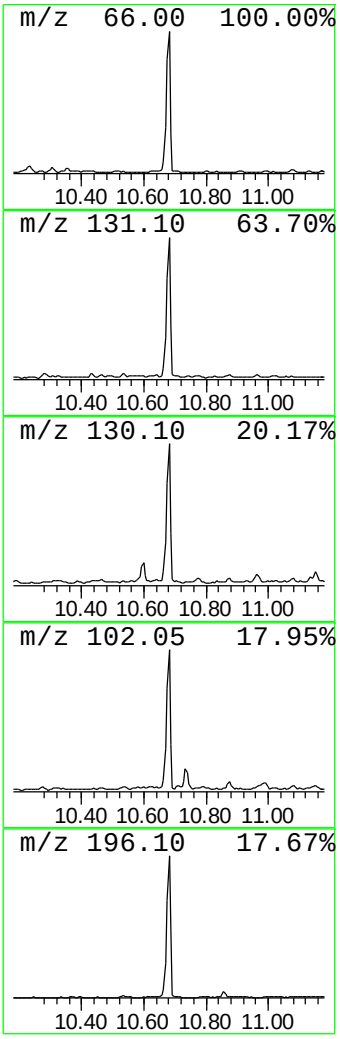
Peak Number 17 Cyclobuta[1,2:3,4]dicyclope... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	64.88 ng	1430670	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	59
2	4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	59
3	Bicyclo[2.2.1]hept-5-ene-2-carbo...	152	C9H12O2	000769-85-7	45
4	Methyl 5-norbornene-2-carboxylate	152	C9H12O2	006203-08-3	45
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096913.D
Acq On : 20 Jul 2017 18:44
Operator : SJ/JU
Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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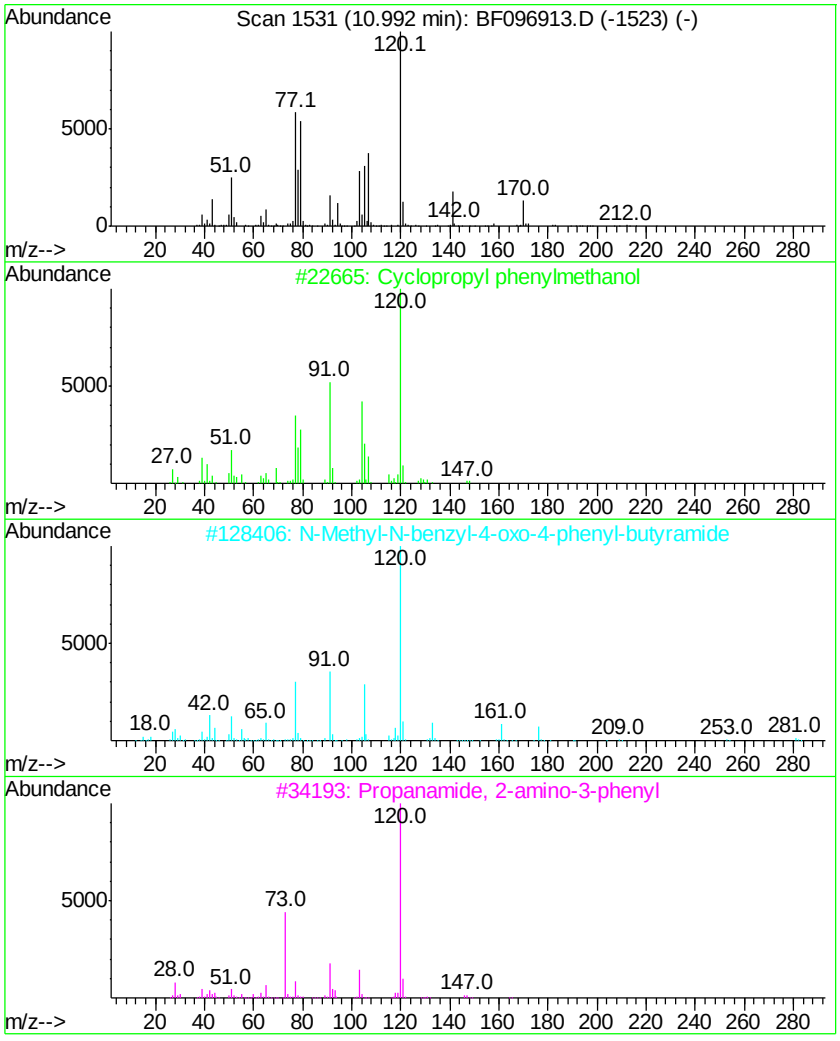
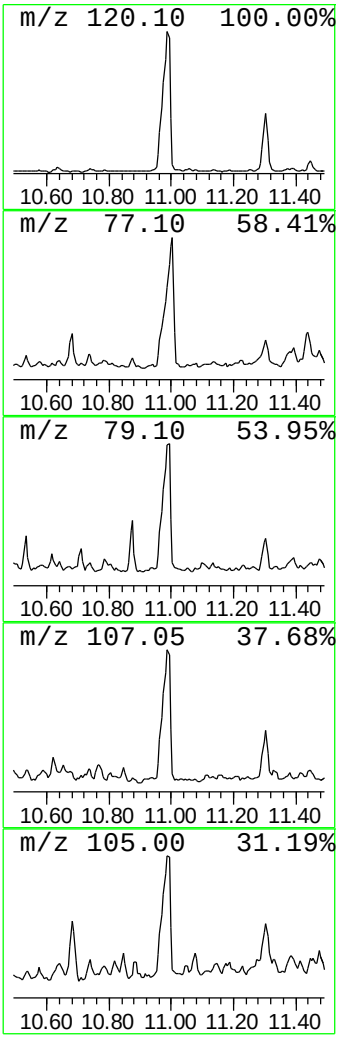
Peak Number 18 unknown10.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	61.01 ng	1345410	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropyl phenylmethanol	148	C10H12O	001007-03-0	32
2	N-Methyl-N-benzyl-4-oxo-4-phenyl...	281	C18H19NO2	101729-68-4	32
3	Propanamide, 2-amino-3-phenyl	164	C9H12N2O	010268-79-8	16
4	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	12
5	Ethyl p-acetamidobenzoate	207	C11H13NO3	005338-44-3	12





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Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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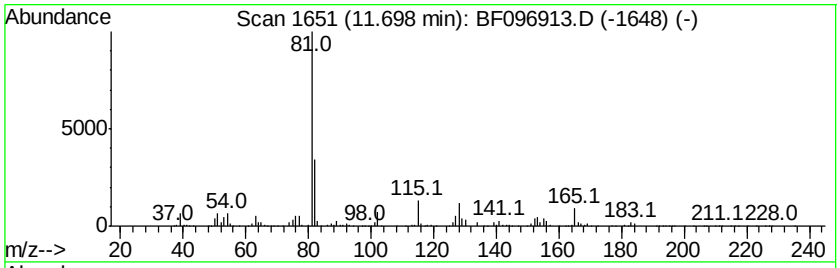
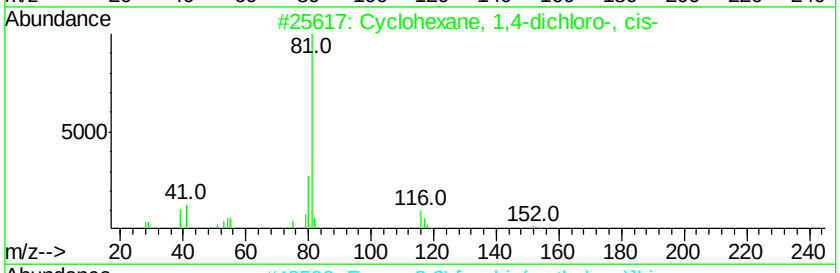
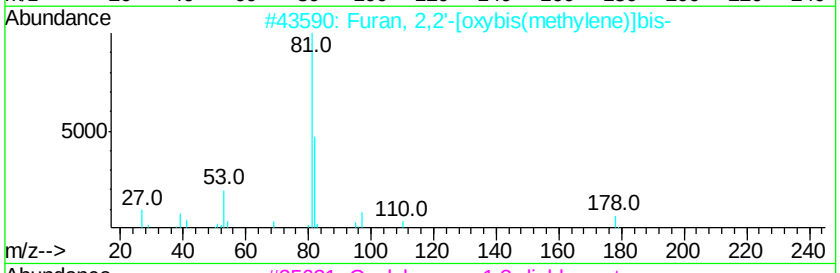
Peak Number 19 unknown11.70 Concentration Rank 14

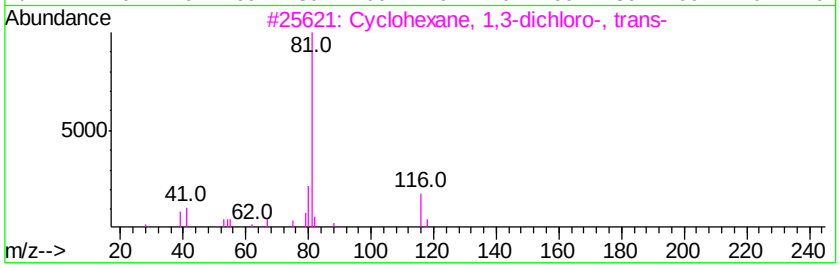
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	44.87 ng	989361	Phenanthrene-d10	11.08

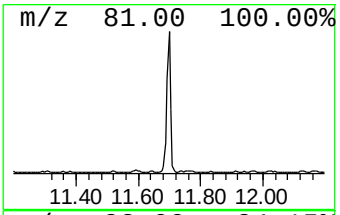
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dichloro-, cis-	152	C6H10Cl2	016749-11-4	9
2	Furan, 2,2'-[oxybis(methylene)]bis-	178	C10H10O3	004437-22-3	9
3	Cyclohexane, 1,3-dichloro-, trans-	152	C6H10Cl2	024955-62-2	9
4	Cyclohexane, 1-bromo-2-chloro-, ...	196	C6H10BrCl	051422-75-4	9
5	2,2-Dimethyl-3-(3,7,16,20-tetram...	412	C29H48O	1000194-78-6	9

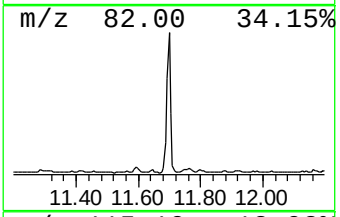


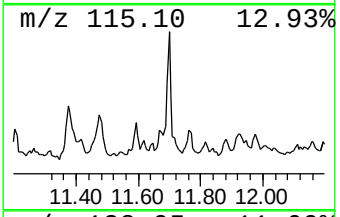


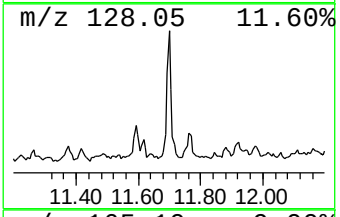


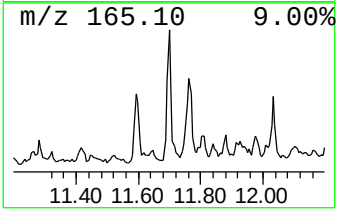












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Sample : I4246-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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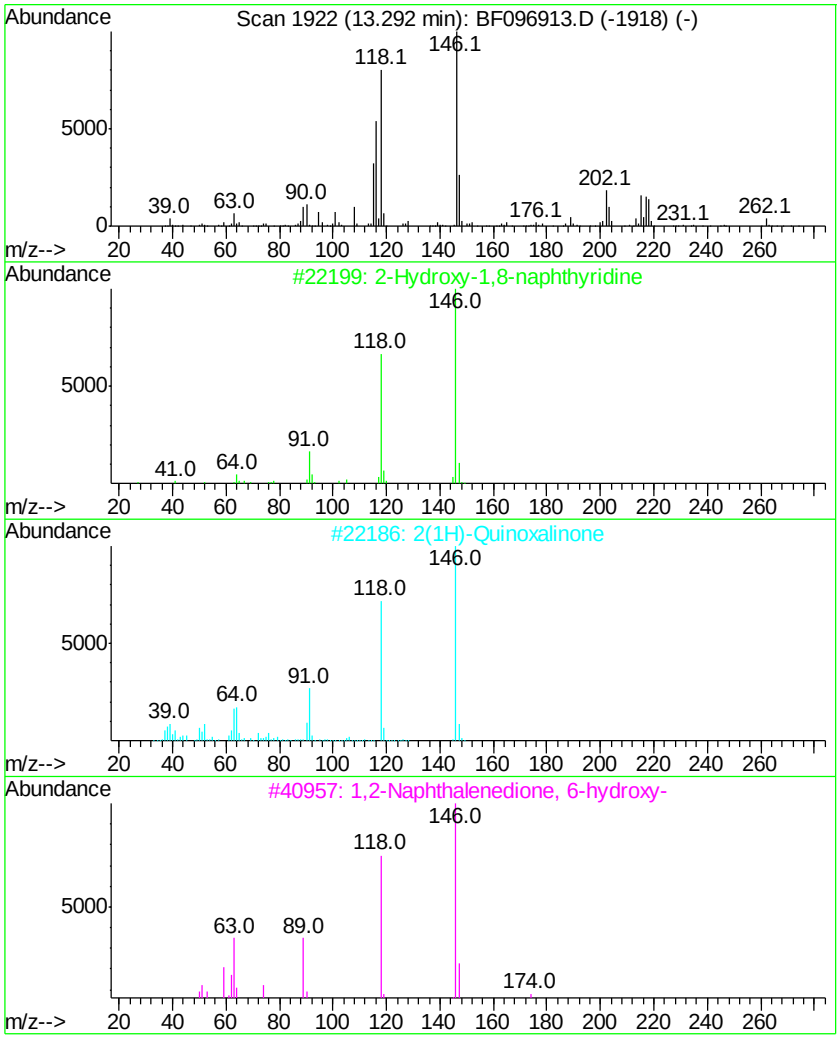
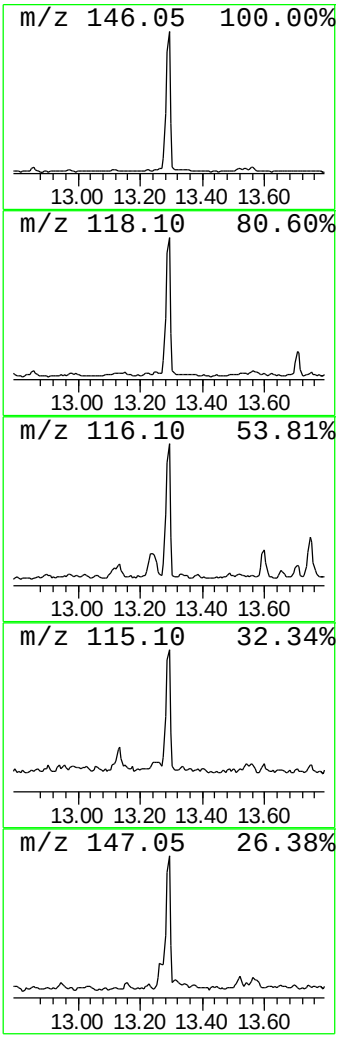
Peak Number 20 unknown13.29 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	32.33 ng	727106	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-1,8-naphthyridine	146	C8H6N2O	015936-09-1	49
2	2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	47
3	1,2-Naphthalenedione, 6-hydroxy-	174	C10H6O3	000607-20-5	40
4	2(1H)-Quinazolinone	146	C8H6N2O	007471-58-1	38
5	7-Methylindan-1-one	146	C10H10O	039627-61-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
Data File : BF096913.D
Acq On : 20 Jul 2017 18:44
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-4-5-6-7-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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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...	4.76	150.0	ng	5121930	1	6.57	683007	20.0
Hexylene glycol	5.83	236.5	ng	8077790	1	6.57	683007	20.0
unknown6.36	6.36	88.5	ng	3021650	1	6.57	683007	20.0
Thiophene, tetrah...	7.97	55.5	ng	1584480	2	7.85	570678	20.0
2,5,8,11-Tetraoxa...	8.03	146.6	ng	4182430	2	7.85	570678	20.0
Indan, epoxide	8.12	28.8	ng	822635	2	7.85	570678	20.0
1-Phenoxypropan-2-ol	8.21	136.1	ng	3884620	2	7.85	570678	20.0
Bicyclo(2.2.1)hep...	8.40	39.0	ng	1113570	2	7.85	570678	20.0
1H-Inden-1-one, 2...	8.46	31.6	ng	900927	2	7.85	570678	20.0
Formamide, N,N-di...	8.51	38.3	ng	1093150	2	7.85	570678	20.0
unknown8.59	8.59	39.4	ng	1125410	2	7.85	570678	20.0
1(3H)-Isobenzofur...	8.86	45.8	ng	1569430	3	9.60	684694	20.0
3-Pyridinecarboni...	9.00	108.8	ng	3723730	3	9.60	684694	20.0
unknown9.10	9.10	97.0	ng	3321560	3	9.60	684694	20.0
Tetraglyme	9.55	62.5	ng	2141400	3	9.60	684694	20.0
Cyclobuta[1,2:3,4...	10.68	64.9	ng	1430670	4	11.08	441024	20.0
unknown10.99	10.99	61.0	ng	1345410	4	11.08	441024	20.0
unknown11.70	11.70	44.9	ng	989361	4	11.08	441024	20.0
unknown13.29	13.29	32.3	ng	727106	5	13.71	449803	20.0