LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099171.D
Acq On : 7 Oct 2017 2:18
Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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-BF092317.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	2.152	6	11	20	rVB	421241	557807	14.51%	1.513%
2	5.087	507	510	522	rVB	131525	156109	4.06%	0.424%
3	5.481	573	577	581	rBV	1970628	1914678	49.80%	5.195%
4	6.492	744	749	752	rBV	1397595	1218840	31.70%	3.307%
5	6.634	768	773	776	rBV	3060002	3128502	81.38%	8.488%
6	6.863	808	812	816	rBV	1029491	814340	21.18%	2.209%
7	7.022	834	839	842	rBV	3081624	2840917	73.90%	7.708%
8	7.110	850	854	856	rVB	140433	122977	3.20%	0.334%
9	7.198	865	869	873	rBV	152346	123532	3.21%	0.335%
10	7.398	896	903	904	rBV	281388	292221	7.60%	0.793%
11	7.434	904	909	912	rVB	2279611	2526286	65.71%	6.854%
12	7.504	918	921	924	rBV2	72492	70631	1.84%	0.192%
13	7.551	924	929	932	rVB	110418	116013	3.02%	0.315%
14	7.628	939	942	946	rVB	377645	295522	7.69%	0.802%
15	7.745	959	962	966	rBV2	85990	91498	2.38%	0.248%
16	7.792	966	970	973	rBV2	187545	199312	5.18%	0.541%
17	7.881	981	985	988	rBV	545051	481815	12.53%	1.307%
18	7.957	994	998	1000	rBV4	42611	49393	1.28%	0.134%
19	8.045	1009	1013	1016	rBV	85696	115736	3.01%	0.314%
20	8.145	1023	1030	1035	rBV	1337028	1533693	39.89%	4.161%
21	8.186	1035	1037	1040	rVB	306583	230680	6.00%	0.626%
22	8.228	1040	1044	1047	rVB2	137415	120695	3.14%	0.327%
23	8.269	1047	1051	1053	rBV2	43359	46966	1.22%	0.127%
24	8.292	1053	1055	1057	rBV	101465	84292	2.19%	0.229%
25	8.339	1060	1063	1066	rVB	522814	403102	10.49%	1.094%
26	8.386	1068	1071	1074	rBV	377286	323385	8.41%	0.877%
27	8.422	1074	1077	1082	rVB3	112253	142674	3.71%	0.387%
28	8.463	1082	1084	1091	rVB5	75910	69760	1.81%	0.189%
29	8.522	1091	1094	1101	rVB	216025	234857	6.11%	0.637%
30	8.610	1101	1109	1113	rBV2	274582	432029	11.24%	1.172%
31	8.645	1113	1115	1120	rVB4	105425	147821	3.85%	0.401%
32	8.704	1120	1125	1127	rBV	202824	205058	5.33%	0.556%
33	8.733	1127	1130	1133	rBV3	132717	119563	3.11%	0.324%
34	8.763	1133	1135	1138	rVB4	47264	45119	1.17%	0.122%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.804	1138	1142	1145	rVB	383092	324090	8.43%	0.879%
36	8.833	1145	1147	1148	rBV	59841	48716	1.27%	0.132%
37	8.916	1158	1161	1163	rBV3	87745	76372	1.99%	0.207%
38	8.963	1166	1169	1171	rVV2	240903	237520	6.18%	0.644%
39	8.986	1171	1173	1178	rVB4	132258	174363	4.54%	0.473%
40	9.033	1178	1181	1182	rBV2	74914	83712	2.18%	0.227%
41	9.081	1187	1189	1192	rVV2	155114	166779	4.34%	0.452%
42	9.104	1192	1193	1198	rVB4	123401	111060	2.89%	0.301%
43	9.151	1198	1201	1203	rBV2	66339	82432	2.14%	0.224%
44	9.175	1203	1205	1208	rVV3	76728	91589	2.38%	0.248%
45	9.222	1208	1213	1216	rVB	4023769	3844358	100.00%	10.430%
46	9.322	1226	1230	1232	rBV3	85936	94159	2.45%	0.255%
47	9.363	1234	1237	1240	rVV	171929	144969	3.77%	0.393%
48	9.469	1251	1255	1256	rBV3	72654	91000	2.37%	0.247%
49	9.486	1256	1258	1261	rVB3	62859	53196	1.38%	0.144%
50	9.539	1261	1267	1268	rBV4	80440	128225	3.34%	0.348%
51	9.616	1277	1280	1282	rVV3	60086	43845	1.14%	0.119%
52	9.639	1282	1284	1286	rVB2	47655	42596	1.11%	0.116%
53	9.669	1286	1289	1291	rBV3	166800	168206	4.38%	0.456%
54	9.686	1291	1292	1295	rVV	123405	89683	2.33%	0.243%
55	9.710	1295	1296	1299	rVB2	66924	50690	1.32%	0.138%
56	9.869	1320	1323	1324	rBV3	42347	43815	1.14%	0.119%
57	9.898	1324	1328	1331	rVV2	1379163	1211043	31.50%	3.286%
58	9.928	1331	1333	1337	rVB2	148148	149316	3.88%	0.405%
59	9.975	1339	1341	1343	rBV3	43737	42781	1.11%	0.116%
60	10.033	1348	1351	1353	rBV2	37815	42915	1.12%	0.116%
61	10.098	1359	1362	1367	rVB3	97796	131469	3.42%	0.357%
62	10.151	1367	1371	1373	rBV4	37327	56269	1.46%	0.153%
63	10.210	1377	1381	1384	rBV2	248584	306336	7.97%	0.831%
64	10.239	1384	1386	1388	rVB2	57569	45922	1.19%	0.125%
65	10.339	1395	1403	1408	rVB5	111830	220821	5.74%	0.599%
66	10.392	1409	1412	1418	rBV4	119963	138232	3.60%	0.375%
67	10.445	1418	1421	1424	rVV3	112170	104947	2.73%	0.285%
68	10.480	1424	1427	1430	rVV2	71814	85366	2.22%	0.232%
69	10.510	1430	1432	1438	rVB	501678	455780	11.86%	1.237%
70	10.557	1438	1440	1443	rBV4	51249	50117	1.30%	0.136%
71	10.639	1451	1454	1457	rBV	406253	441241	11.48%	1.197%

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Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.692	1459	1463	1473	rVB2	2082763	2407259	62.62%	6.531%
73	10.810	1481	1483	1486	rVB2	104337	96345	2.51%	0.261%
74	10.980	1508	1512	1516	rBV5	46617	99504	2.59%	0.270%
75	11.022	1516	1519	1522	rVV2	159103	150575	3.92%	0.409%
76	11.074	1526	1528	1530	rVB	64475	47914	1.25%	0.130%
77	11.233	1552	1555	1557	rBV4	43112	42160	1.10%	0.114%
78	11.386	1577	1581	1584	rBV	1233278	1004110	26.12%	2.724%
79	12.145	1708	1710	1714	rVB2	51250	59232	1.54%	0.161%
80	12.421	1755	1757	1764	rVB3	37285	57817	1.50%	0.157%
81	12.968	1846	1850	1853	rBV	2545022	2475964	64.41%	6.717%
82	14.021	2025	2029	2033	rBV	699959	615044	16.00%	1.669%
83	15.492	2274	2279	2287	rBV	529867	694415	18.06%	1.884%
84	16.433	2434	2439	2447	rBV2	29399	59712	1.55%	0.162%
85	17.027	2535	2540	2550	rVB3	24497	57224	1.49%	0.155%
86	17.727	2652	2659	2666	rBV3	24036	61619	1.60%	0.167%

Sum of corrected areas: 36858647

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
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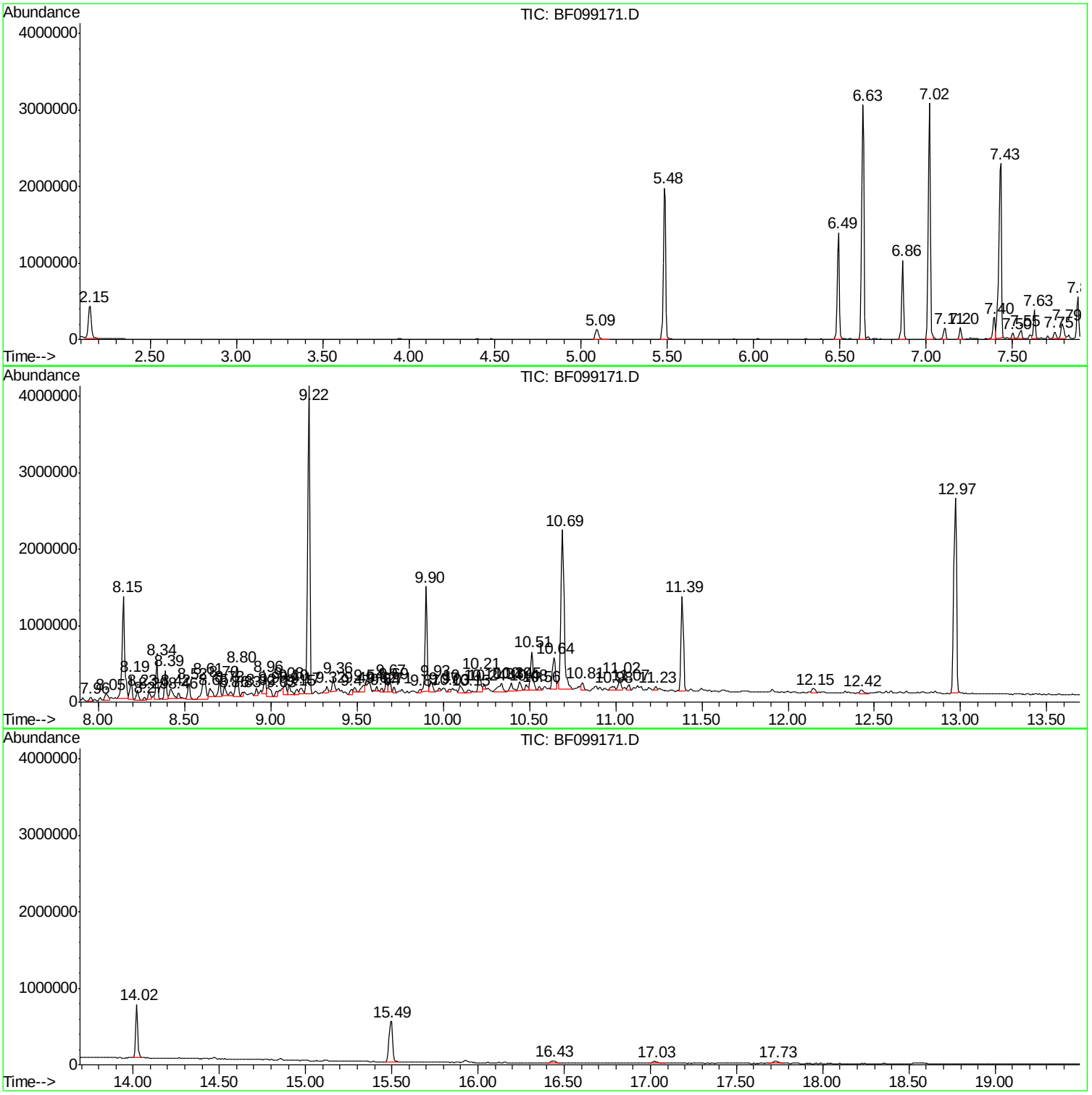
Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF100617\
Data File : BF099171.D
Acq On : 7 Oct 2017 2:18
Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

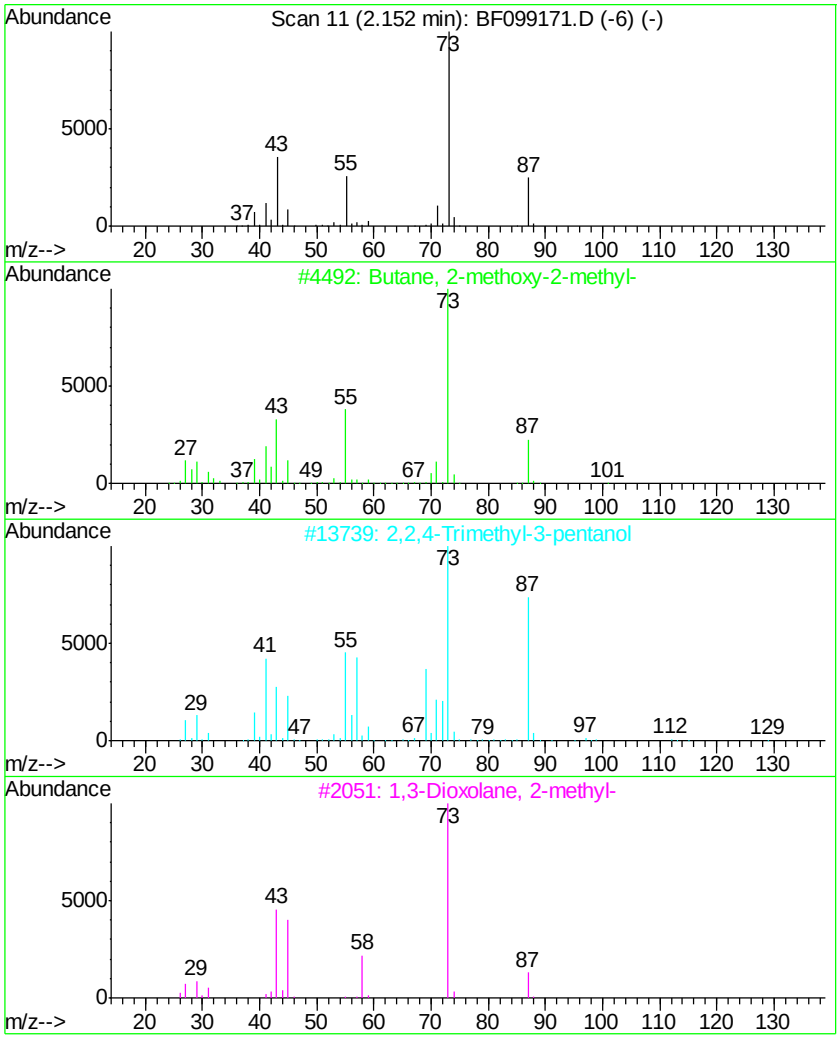
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

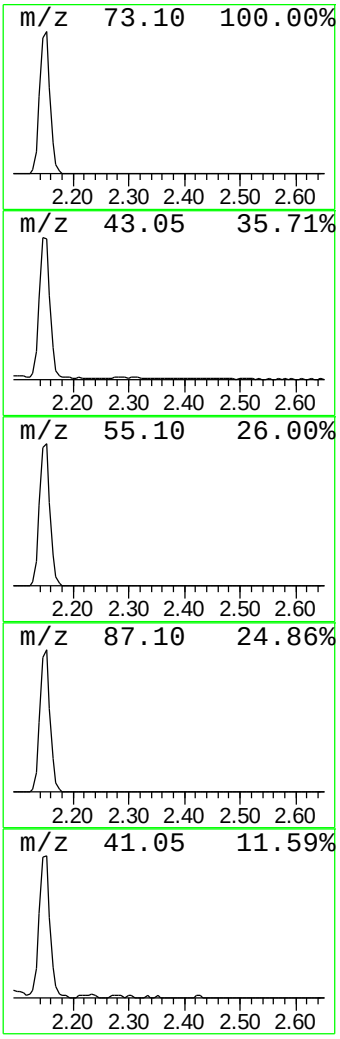
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	13.70 ng	557807	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
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Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

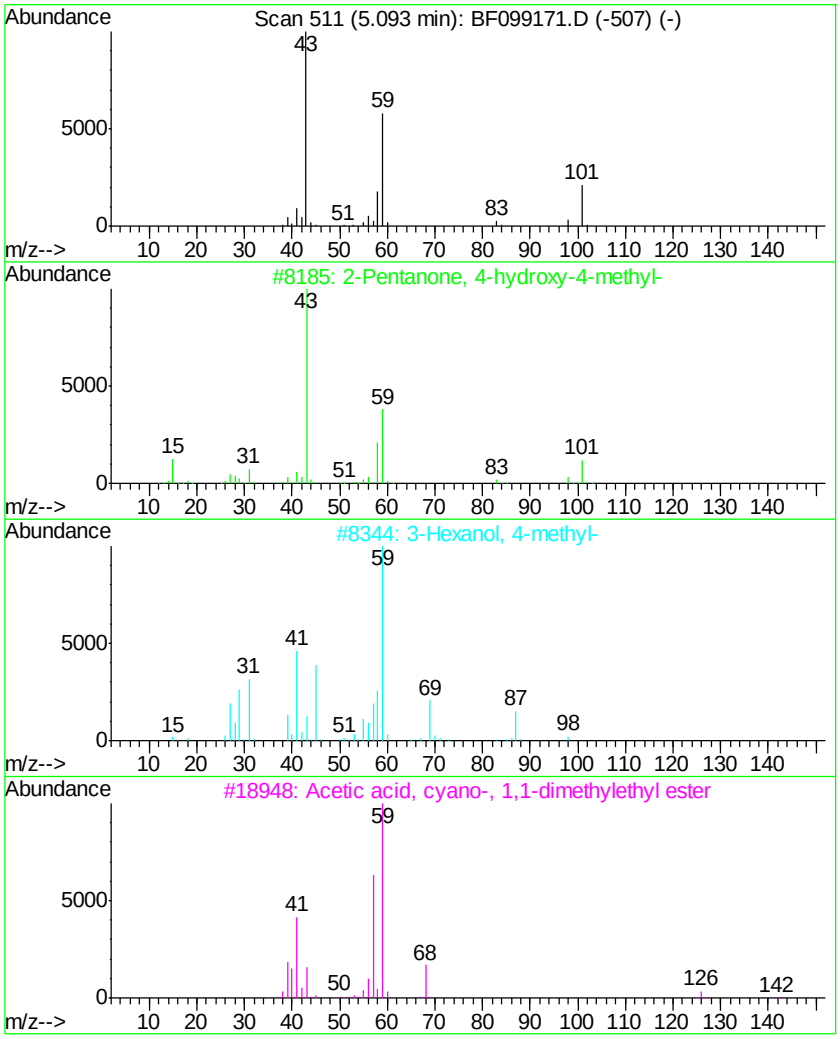
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

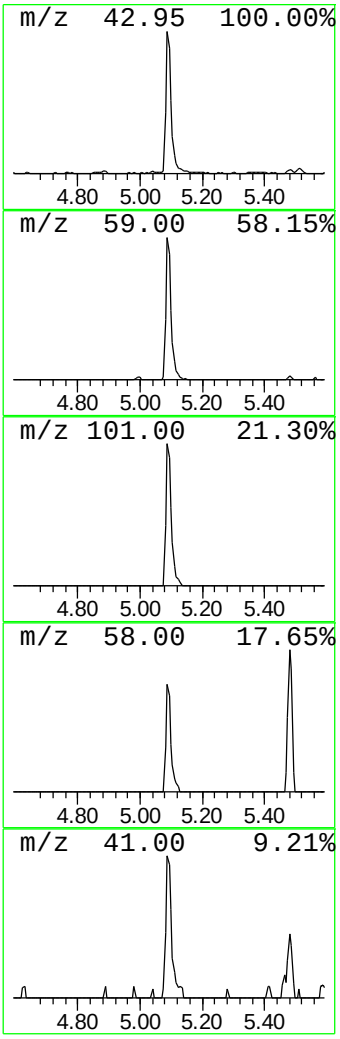
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	3.83 ng	156109	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

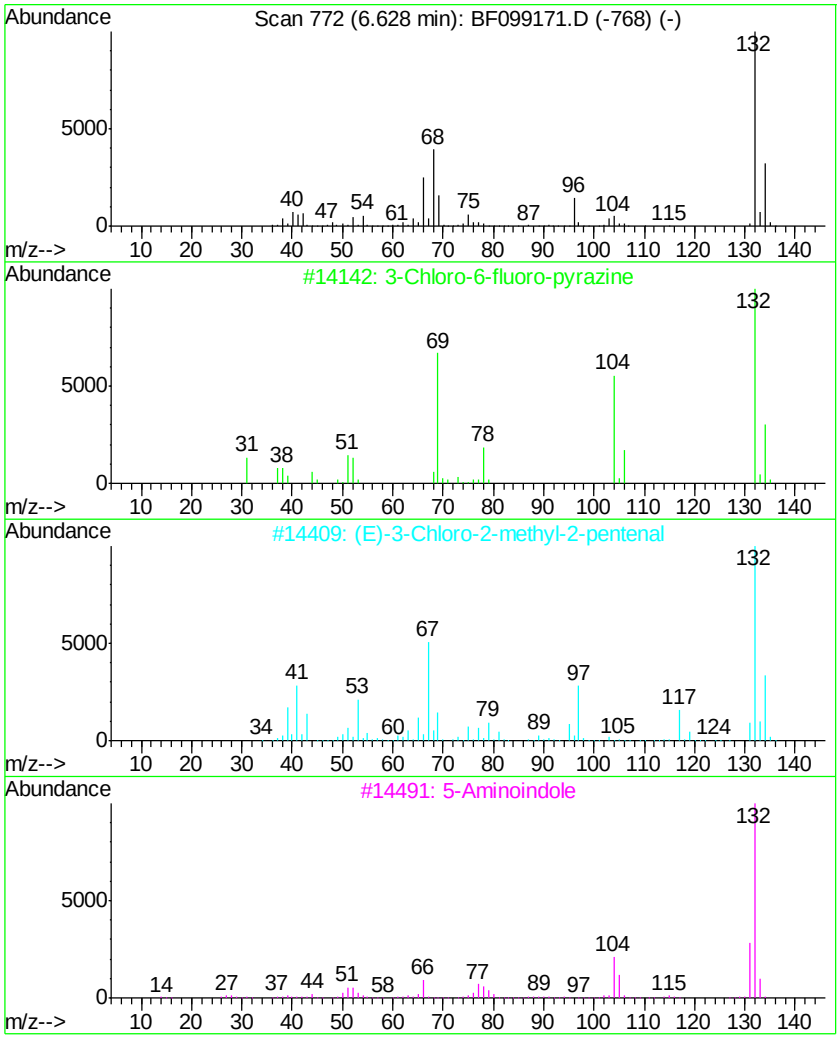
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

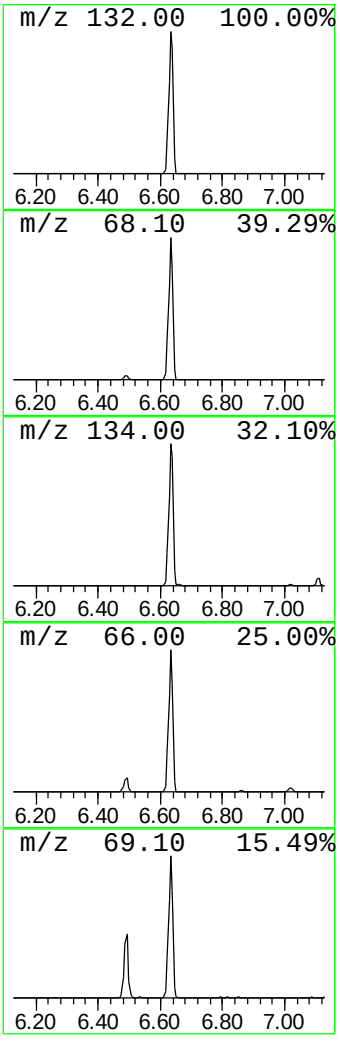
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	76.84 ng	3128500	1,4-Dichlorobenzene-d4	6.86

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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

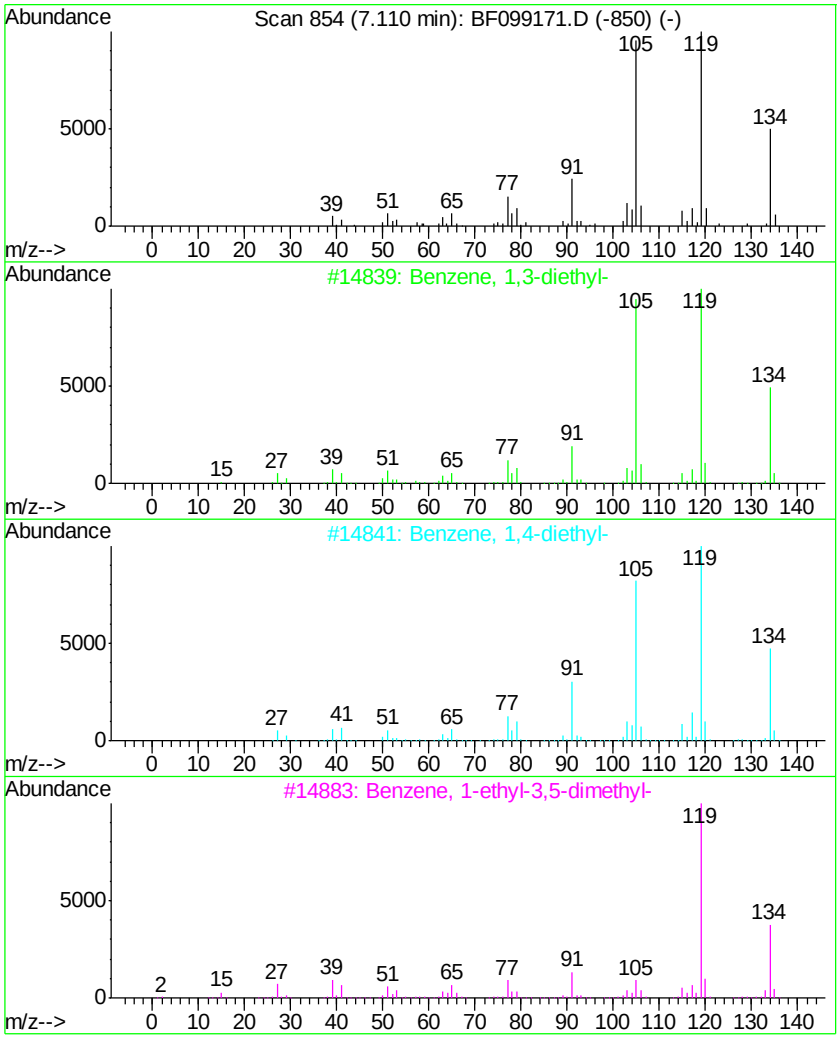
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

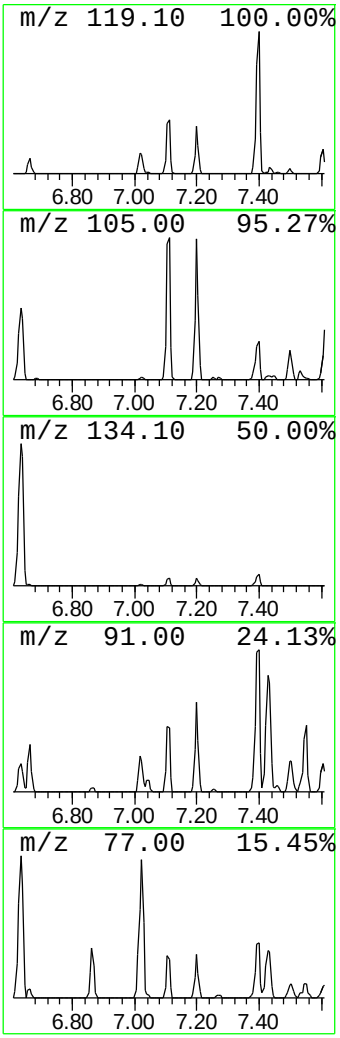
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	3.02 ng	122977	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83





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Data File : BF099171.D
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Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

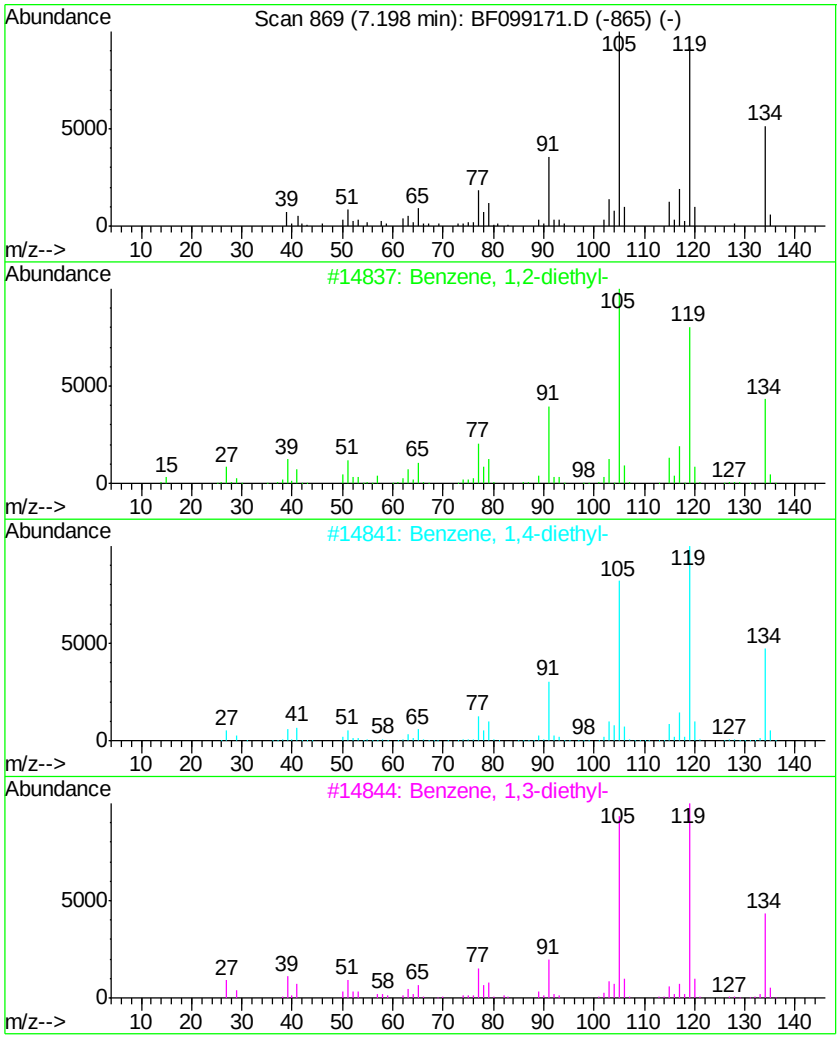
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

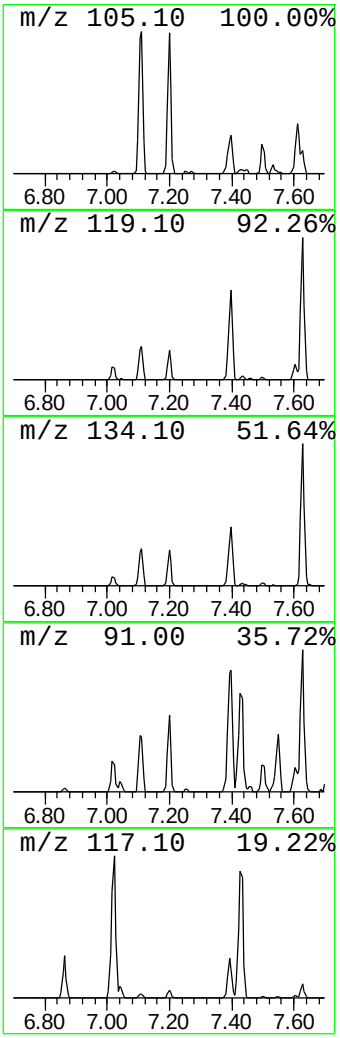
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	3.03 ng	123532	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099171.D
Acq On : 7 Oct 2017 2:18
Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

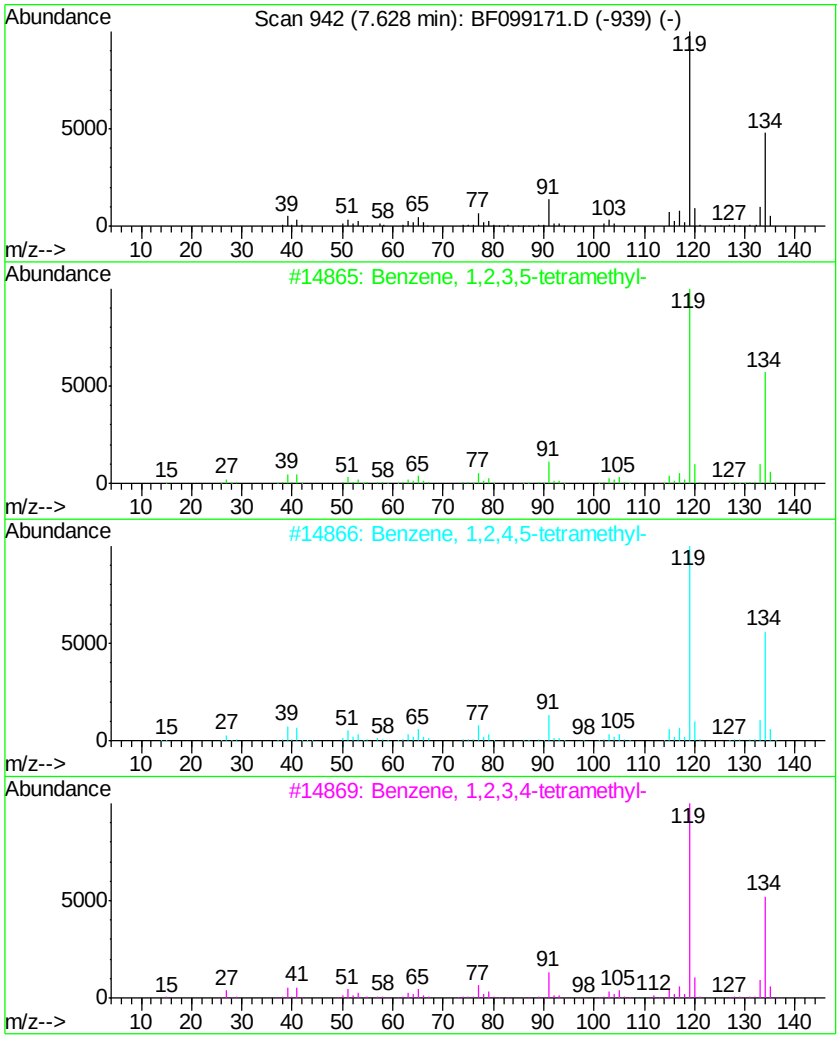
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

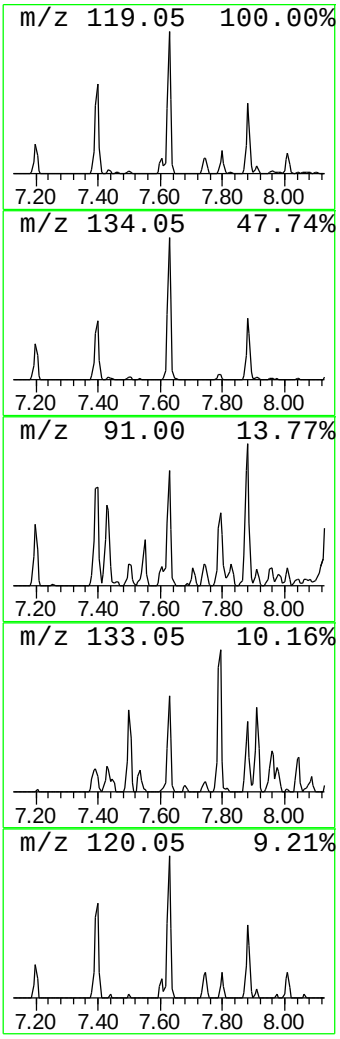
****

Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.85 ng	295522	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	o-Cymene	134	C10H14	000527-84-4	91





Library Search Compound Report

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Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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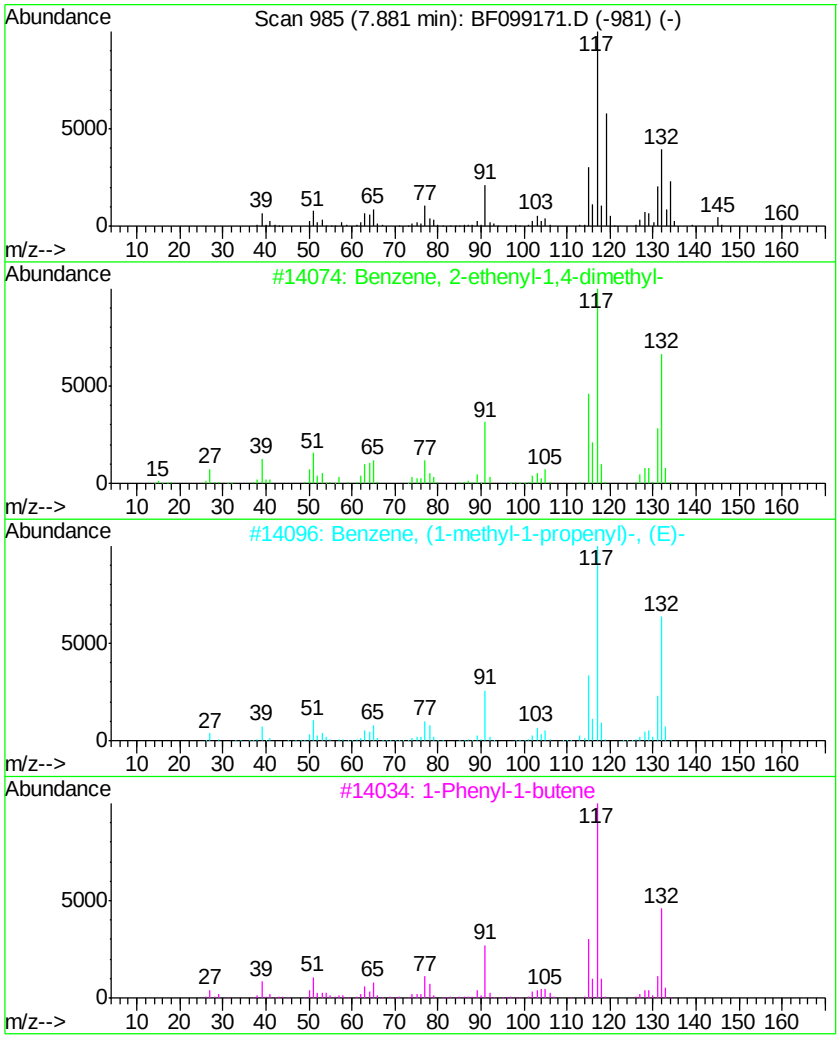
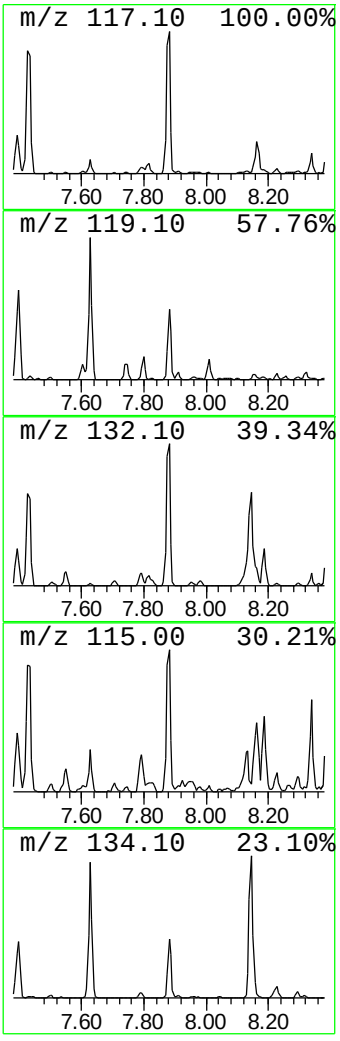
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	6.28 ng	481815	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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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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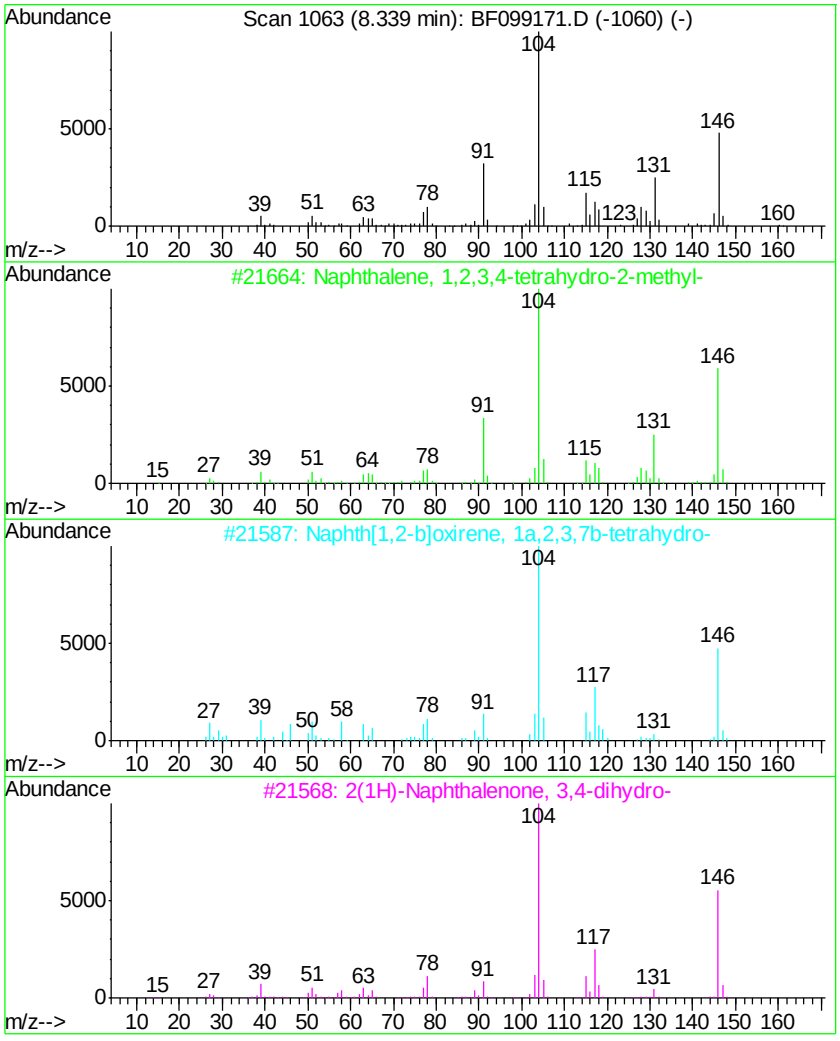
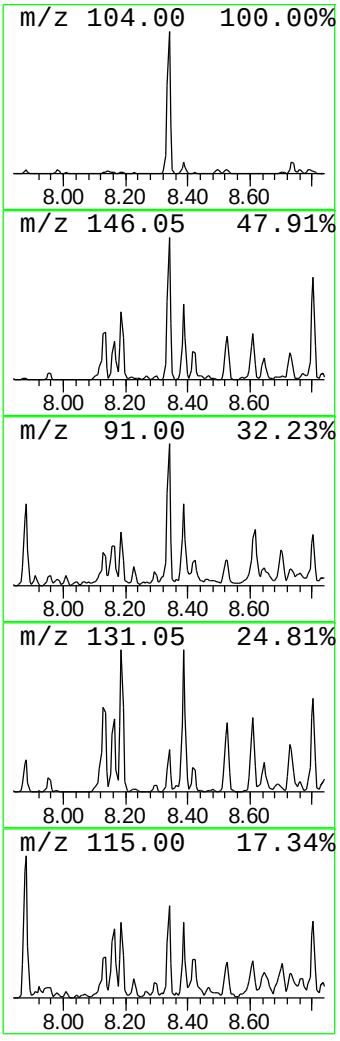
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	5.26 ng	403102	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	38
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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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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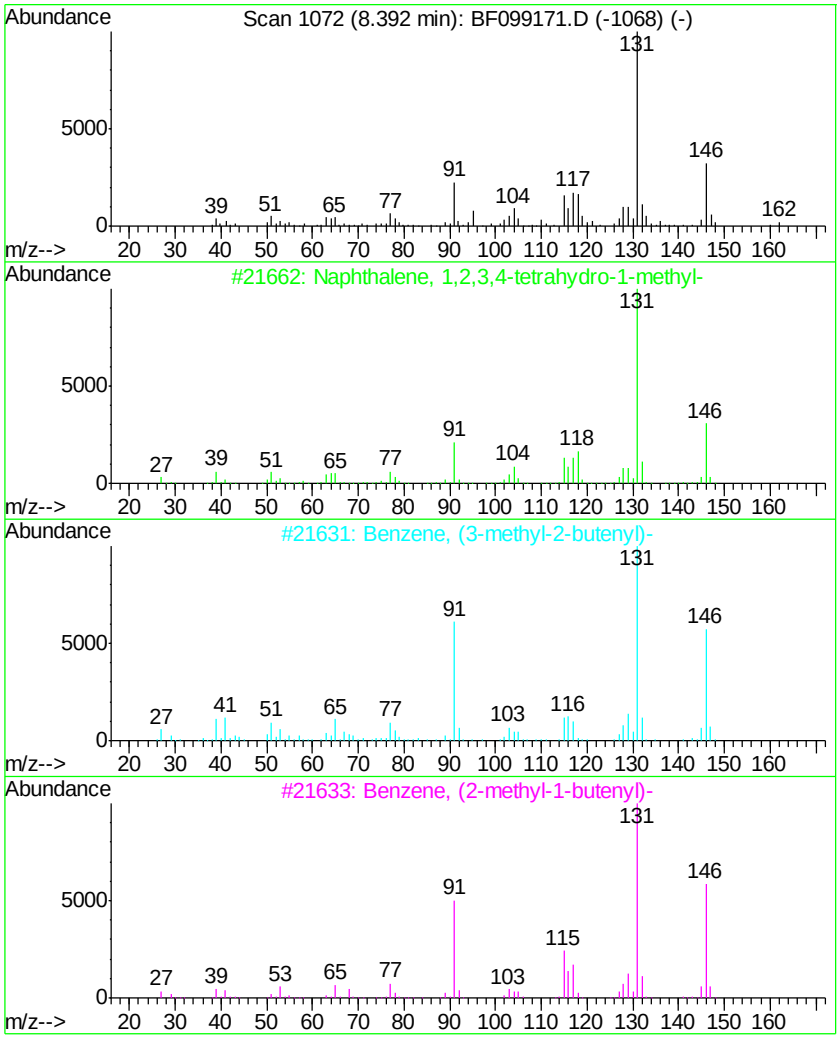
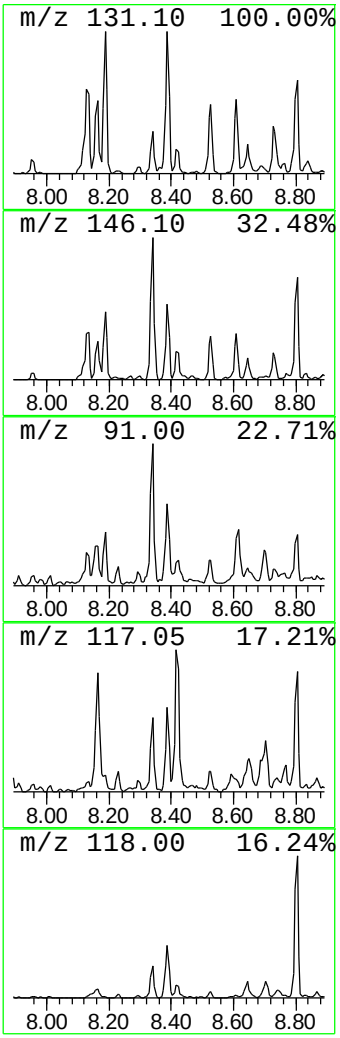
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	4.22 ng	323385	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	92
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





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Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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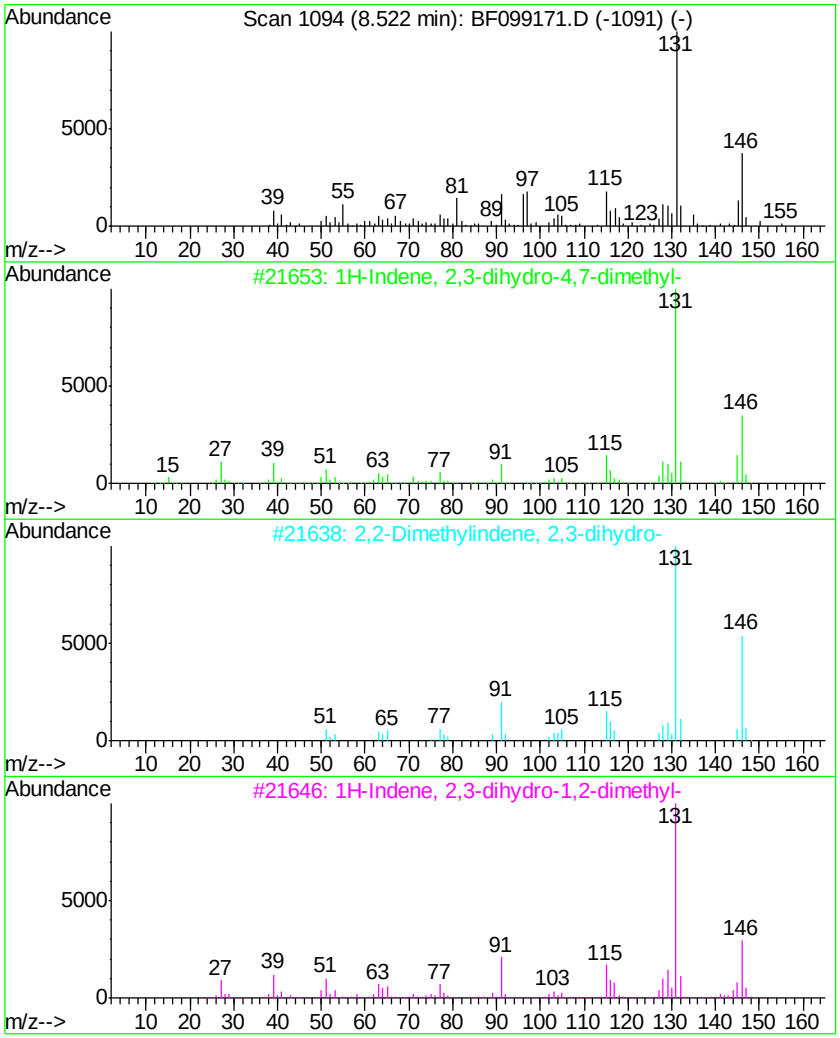
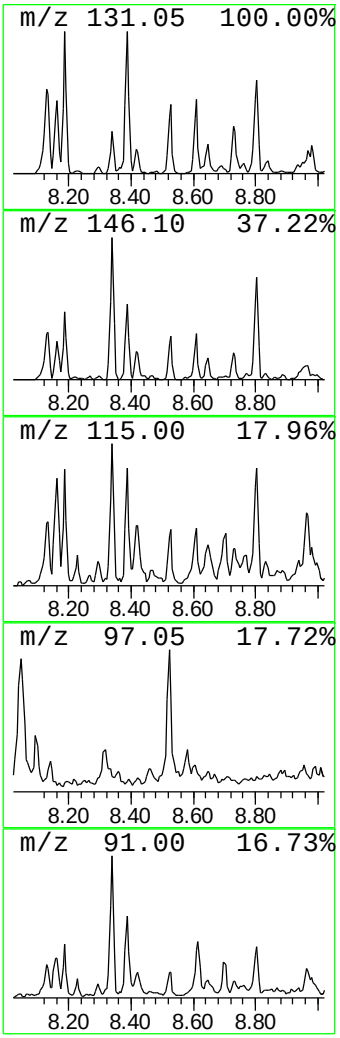
Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.06 ng	234857	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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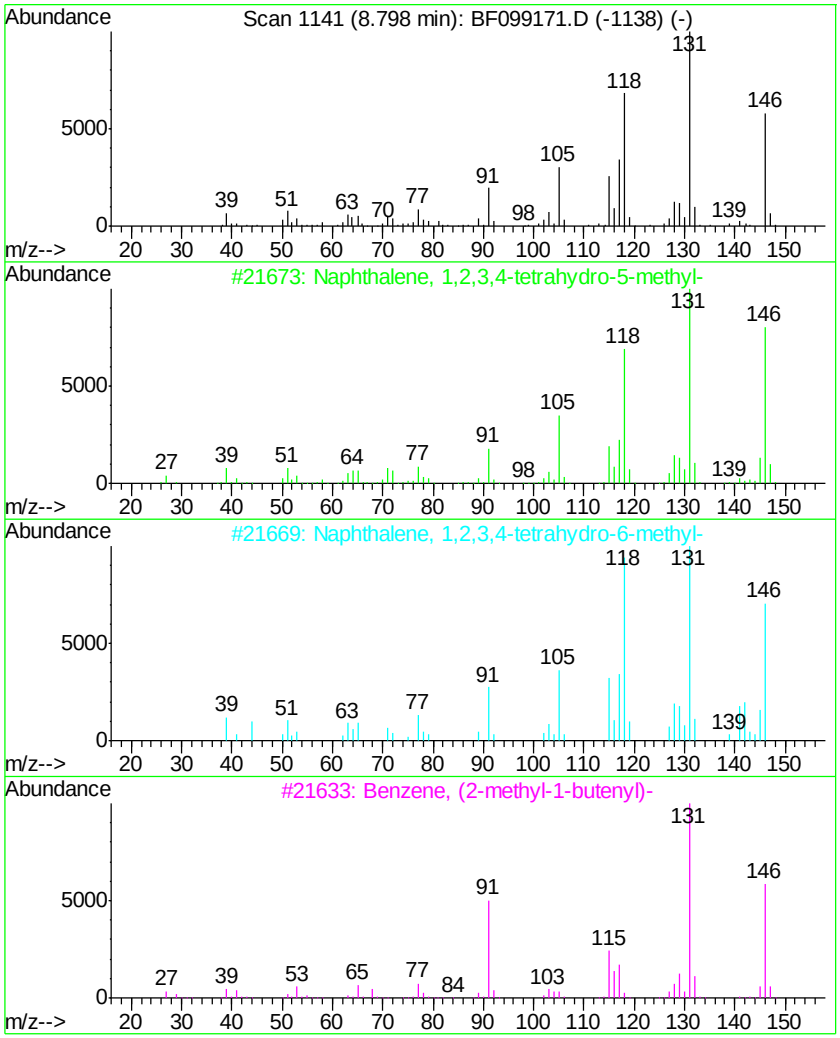
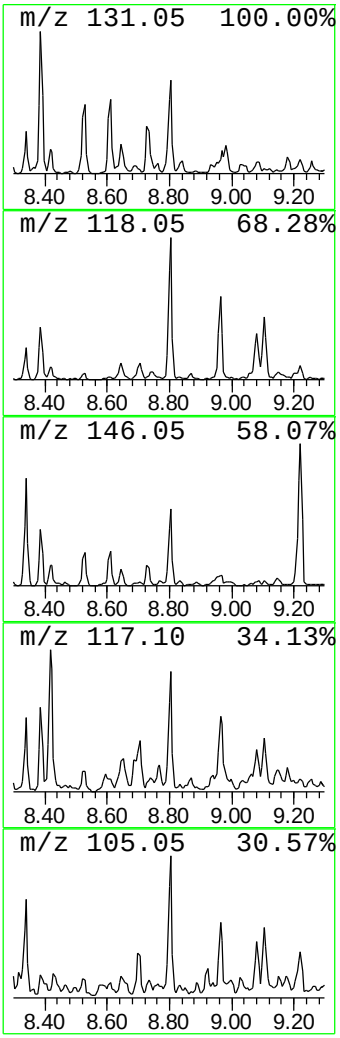
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	4.23 ng	324090	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	72





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Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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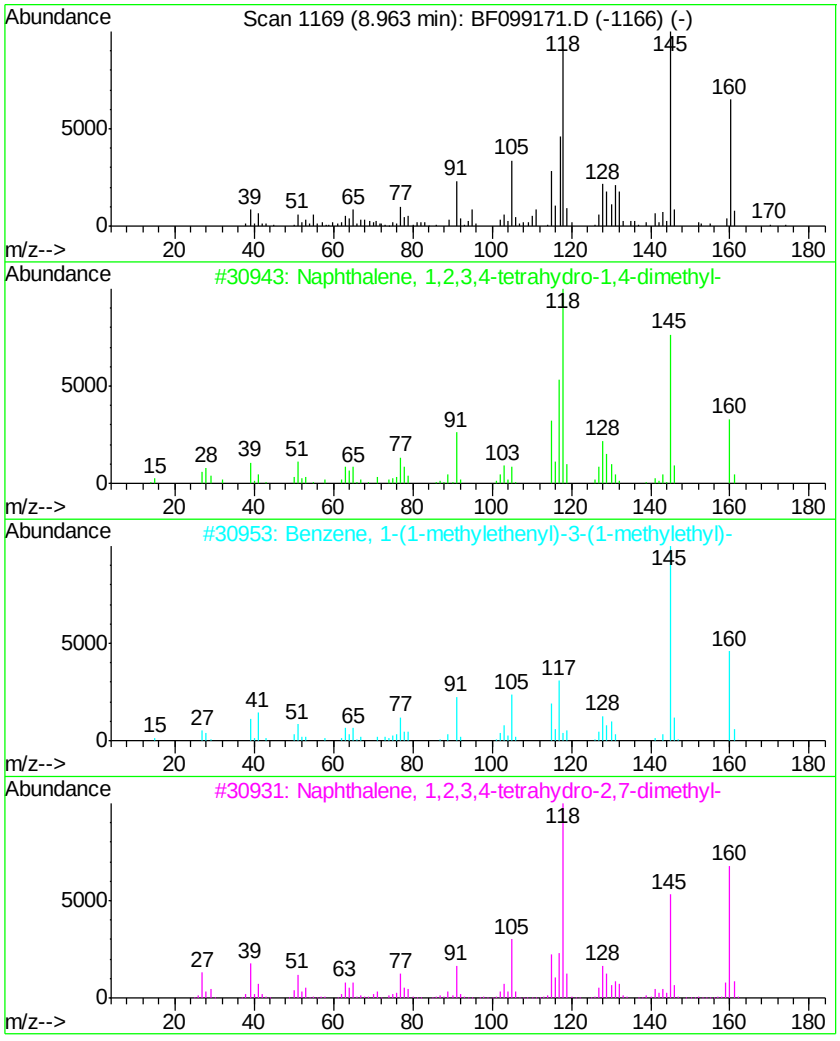
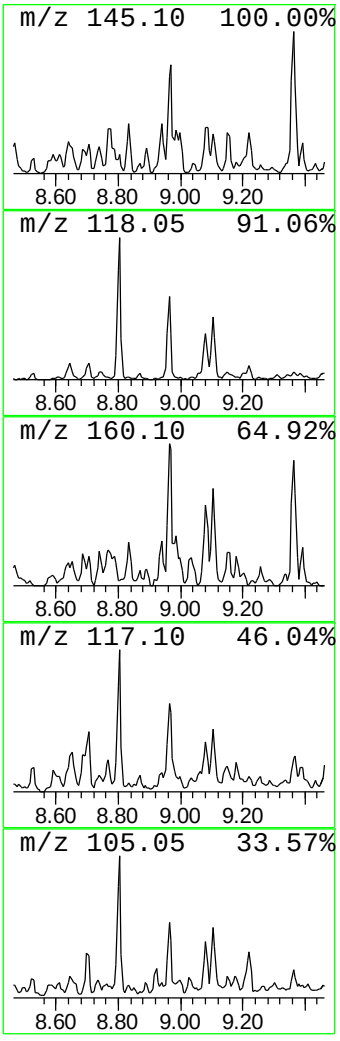
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	3.10 ng	237520	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	60
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55





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Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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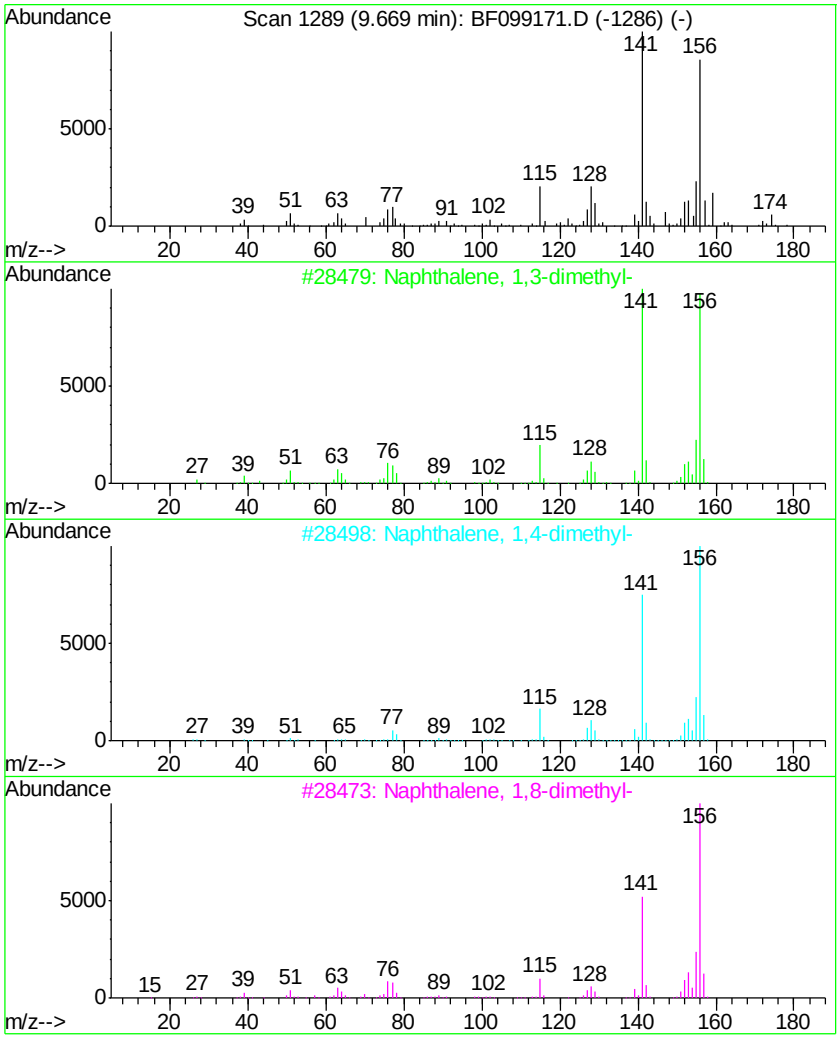
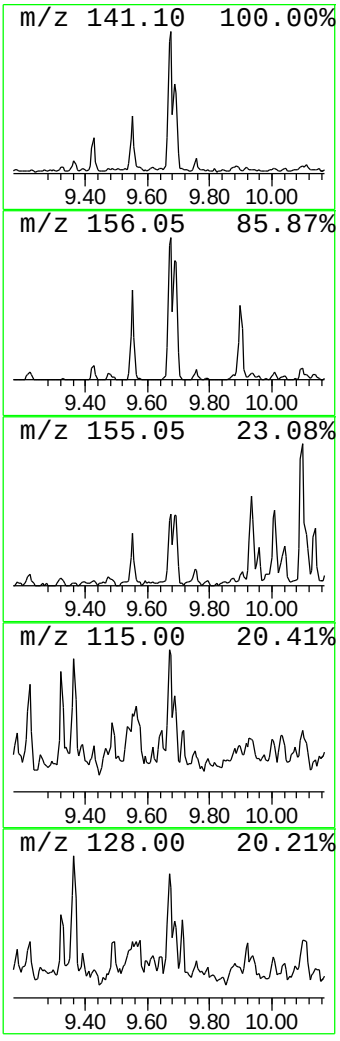
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.78 ng	168206	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





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Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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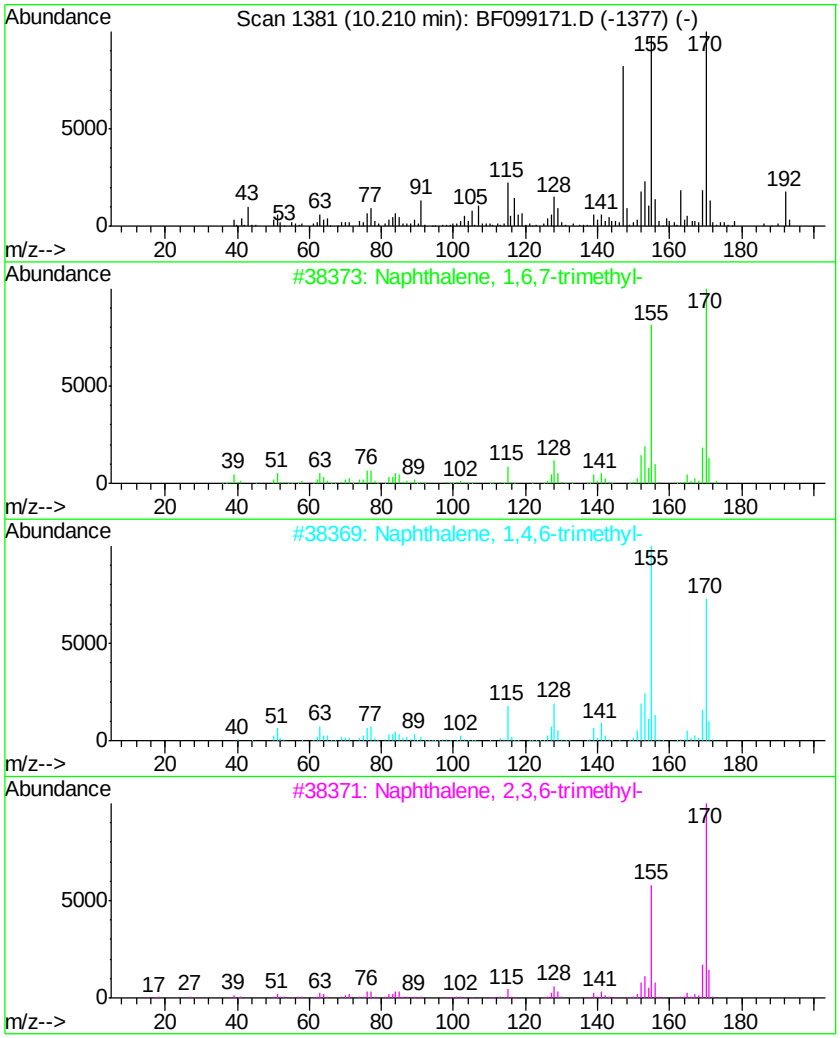
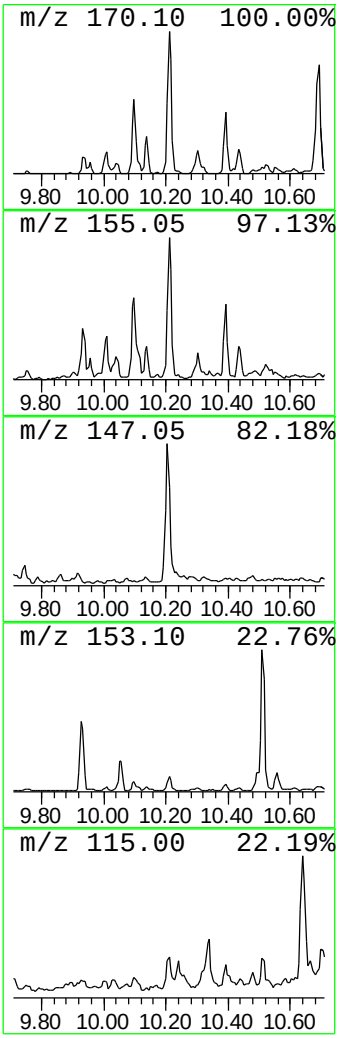
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	5.06 ng	306336	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Instrument : BNA_F
ClientSampleId : OWL-C7-GW

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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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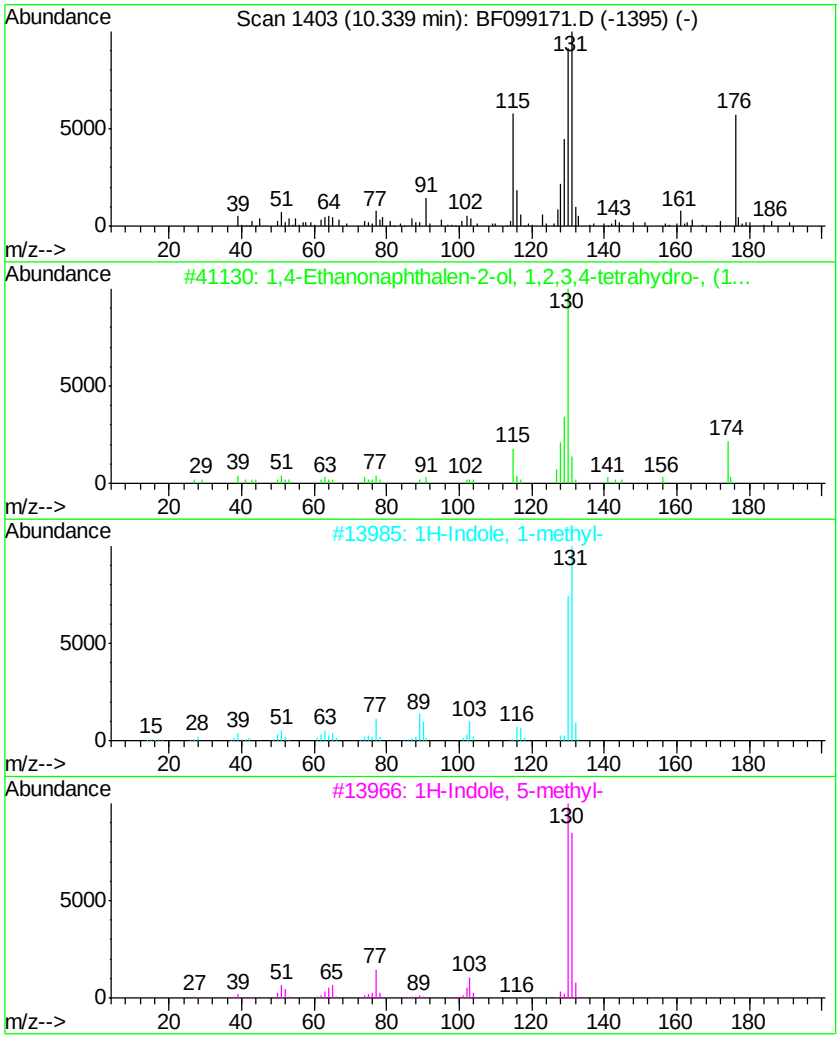
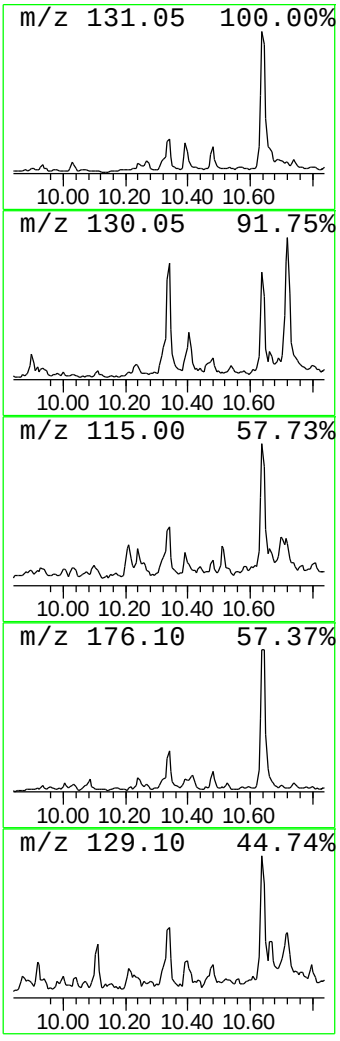
Peak Number 17 unknown10.34 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	3.65 ng	220821	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-77-0	47
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	43
3	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	43
4	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	43
5	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	43





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ClientSampleId : OWL-C7-GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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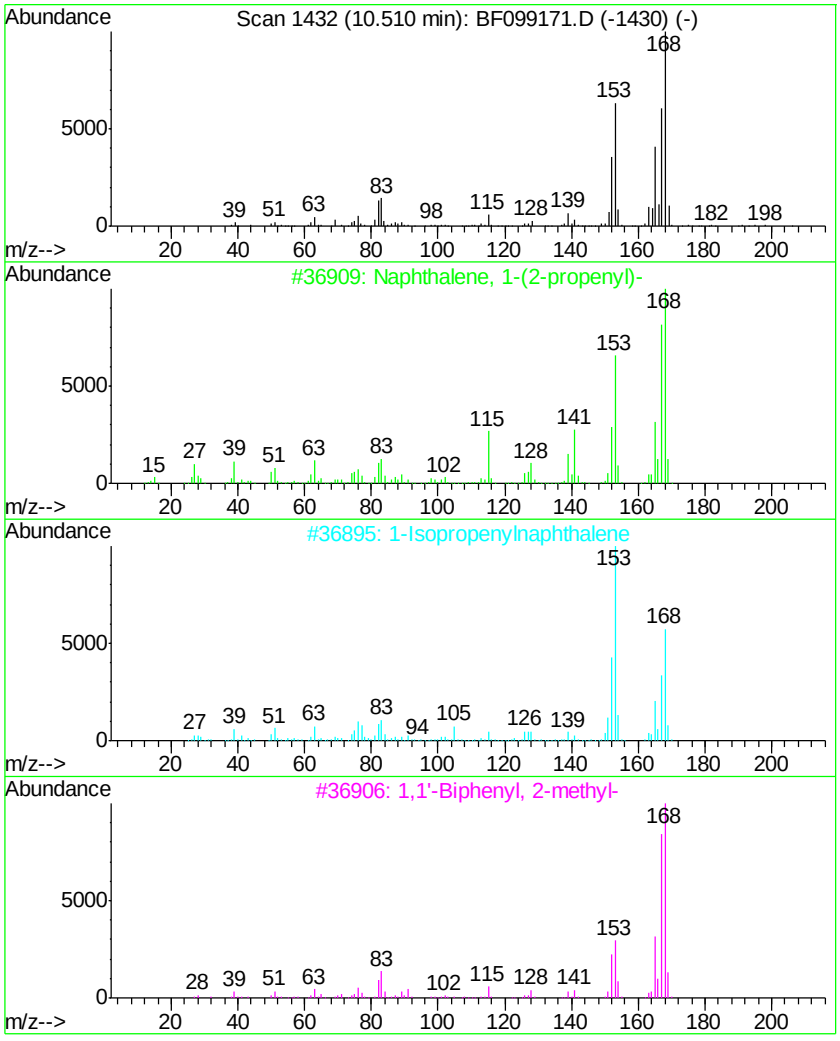
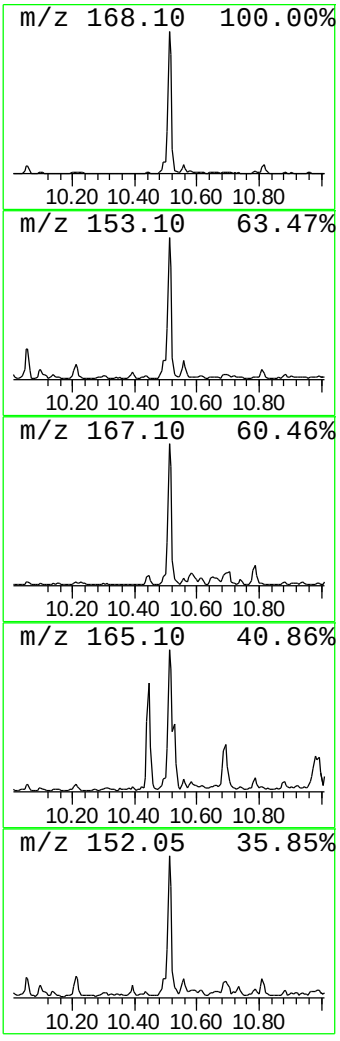
Peak Number 18 Naphthalene, 1-(2-propenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	7.53 ng	455780	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	62
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53





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TIC Integration Parameters: LSCINT.P

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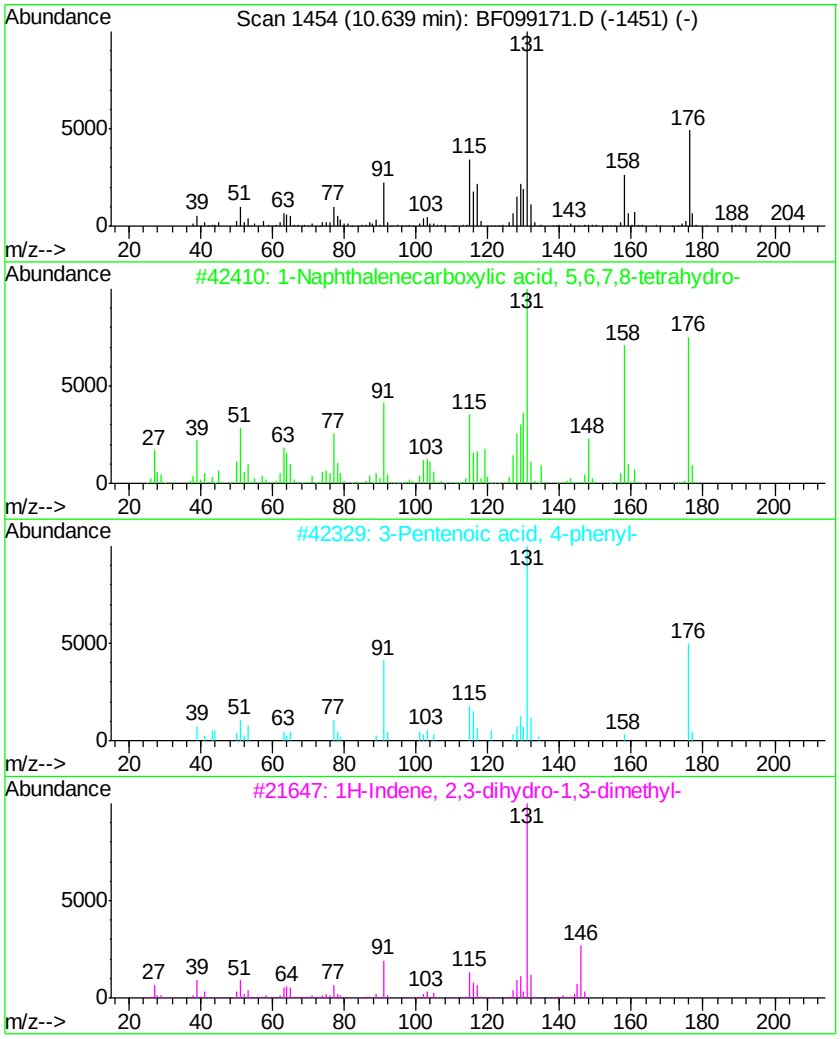
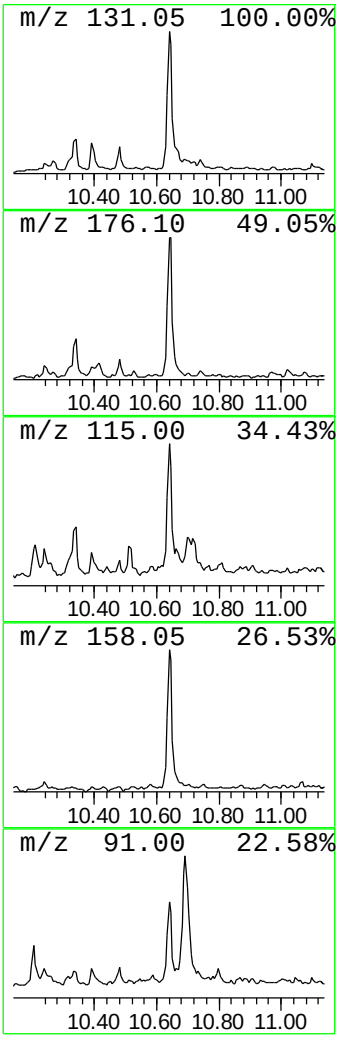
Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	7.29 ng	441241	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	53
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099171.D
Acq On : 7 Oct 2017 2:18
Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

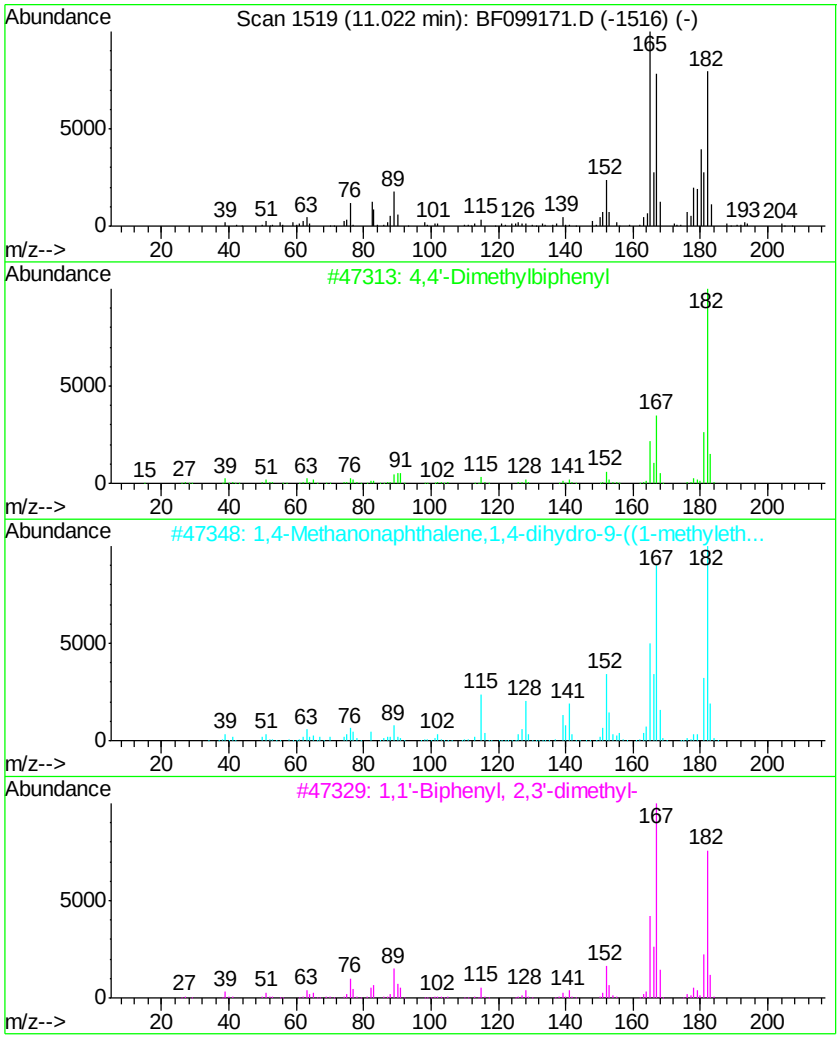
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

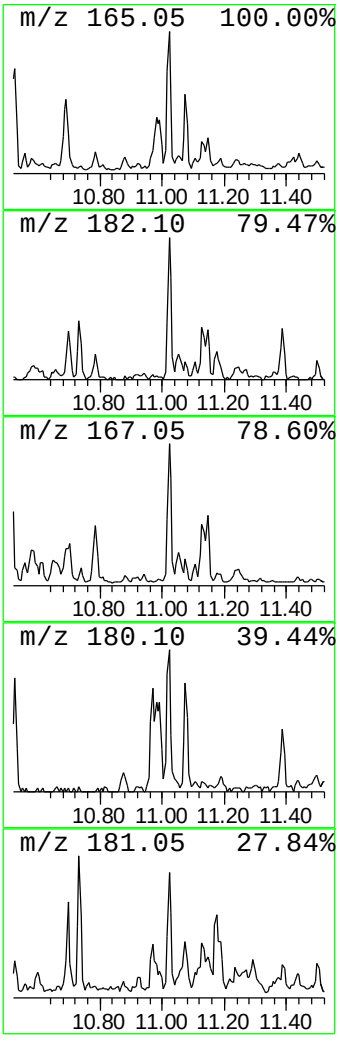
****

Peak Number 20 4,4'-Dimethylbiphenyl Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.00 ng	150575	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	55
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099171.D
Acq On : 7 Oct 2017 2:18
Operator : SJ/JU
Sample : I5542-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Butane, 2-methoxy...	2.15	13.7	ng	557807	1	6.86	814340	20.0
2-Pentanone, 4-hy...	5.09	3.8	ng	156109	1	6.86	814340	20.0
unknown6.63	6.63	76.8	ng	3128500	1	6.86	814340	20.0
Benzene, 1,3-diet...	7.11	3.0	ng	122977	1	6.86	814340	20.0
Benzene, 1,2-diet...	7.20	3.0	ng	123532	1	6.86	814340	20.0
Benzene, 1,2,3,5-...	7.63	3.9	ng	295522	2	8.15	1533690	20.0
Benzene, 2-etheny...	7.88	6.3	ng	481815	2	8.15	1533690	20.0
Naphthalene, 1,2,...	8.34	5.3	ng	403102	2	8.15	1533690	20.0
Naphthalene, 1,2,...	8.39	4.2	ng	323385	2	8.15	1533690	20.0
1H-Indene, 2,3-di...	8.52	3.1	ng	234857	2	8.15	1533690	20.0
Naphthalene, 1,2,...	8.80	4.2	ng	324090	2	8.15	1533690	20.0
Naphthalene, 1,2,...	8.96	3.1	ng	237520	2	8.15	1533690	20.0
Naphthalene, 1,3-...	9.67	2.8	ng	168206	3	9.90	1211040	20.0
Naphthalene, 1,6,...	10.21	5.1	ng	306336	3	9.90	1211040	20.0
unknown10.34	10.34	3.6	ng	220821	3	9.90	1211040	20.0
Naphthalene, 1-(2...	10.51	7.5	ng	455780	3	9.90	1211040	20.0
1-Naphthalenecarb...	10.64	7.3	ng	441241	3	9.90	1211040	20.0
4,4'-Dimethylbiph...	11.02	3.0	ng	150575	4	11.39	1004110	20.0