LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

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-BF070117.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	4.916	474	481	487	rBV	731355	951456	17.69%	2.682%
2	5.104	509	513	521	rBV	89656	100874	1.88%	0.284%
3	5.287	541	544	546	rBV	66777	68771	1.28%	0.194%
4	5.322	546	550	554	rVV	1604816	1569744	29.19%	4.425%
5	5.551	586	589	594	rVB	77333	65336	1.22%	0.184%
6	5.881	641	645	648	rVB	70794	64705	1.20%	0.182%
7	6.175	688	695	698	rBV	100798	90333	1.68%	0.255%
8	6.239	698	706	709	rVV	93683	92748	1.72%	0.261%
9	6.269	709	711	715	rVB	60638	56330	1.05%	0.159%
10	6.316	715	719	721	rBV	88081	83620	1.56%	0.236%
11	6.345	721	724	730	rVV	1095455	986054	18.34%	2.780%
12	6.398	730	733	737	rVB	89416	81863	1.52%	0.231%
13	6.481	743	747	751	rBV	2272114	2184099	40.62%	6.157%
14	6.539	755	757	763	rVB	237340	231864	4.31%	0.654%
15	6.675	771	780	783	rBV3	104585	113115	2.10%	0.319%
16	6.710	783	786	791	rBV	758474	704200	13.10%	1.985%
17	6.775	794	797	800	rBV	151598	117577	2.19%	0.331%
18	6.869	809	813	816	rBV	2130637	2023892	37.64%	5.706%
19	6.892	816	817	822	rVB	226536	183157	3.41%	0.516%
20	6.969	827	830	832	rBV	71759	56137	1.04%	0.158%
21	7.039	838	842	844	rBV	158917	137747	2.56%	0.388%
22	7.116	851	855	858	rBV2	71572	75160	1.40%	0.212%
23	7.275	873	882	888	rBV2	1825241	2225901	41.39%	6.275%
24	7.363	893	897	901	rBV3	52077	68550	1.27%	0.193%
25	7.434	906	909	913	rVB2	151786	127926	2.38%	0.361%
26	7.492	914	919	920	rBV	101760	93881	1.75%	0.265%
27	7.516	920	923	924	rVV	175917	158701	2.95%	0.447%
28	7.651	925	946	948	rVV	1240975	5377339	100.00%	15.159%
29	7.669	948	949	952	rVV	140211	107253	1.99%	0.302%
30	7.739	956	961	964	rBV2	458040	450184	8.37%	1.269%
31	7.775	964	967	969	rVB2	60353	57325	1.07%	0.162%
32	7.816	969	974	975	rBV3	53813	58779	1.09%	0.166%
33	7.839	975	978	980	rVB	250494	202444	3.76%	0.571%
34	7.957	992	998	1000	rBV6	106313	173904	3.23%	0.490%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.992	1000	1004	1007	rVV	1112000	1038984	19.32%	2.929%
36	8.016	1007	1008	1012	rVV2	154770	141415	2.63%	0.399%
37	8.045	1012	1013	1019	rVB3	95011	96702	1.80%	0.273%
38	8.104	1019	1023	1025	rVB2	58927	60529	1.13%	0.171%
39	8.192	1028	1038	1042	rBV4	112725	191360	3.56%	0.539%
40	8.275	1049	1052	1054	rBV3	86769	85692	1.59%	0.242%
41	8.345	1058	1064	1067	rBV	189628	205861	3.83%	0.580%
42	8.386	1067	1071	1075	rVB3	87727	128140	2.38%	0.361%
43	8.469	1083	1085	1088	rVV2	54258	57072	1.06%	0.161%
44	8.504	1088	1091	1094	rVV2	188757	194958	3.63%	0.550%
45	8.569	1099	1102	1104	rBV	164000	130934	2.43%	0.369%
46	8.592	1104	1106	1109	rVB3	87239	90803	1.69%	0.256%
47	8.657	1112	1117	1120	rVB3	139963	160906	2.99%	0.454%
48	8.710	1120	1126	1131	rVB3	93391	203835	3.79%	0.575%
49	8.757	1131	1134	1137	rBV4	60653	84021	1.56%	0.237%
50	8.792	1137	1140	1144	rVV3	85756	152130	2.83%	0.429%
51	8.822	1144	1145	1148	rVV2	73039	70294	1.31%	0.198%
52	8.857	1148	1151	1154	rVV4	82788	113035	2.10%	0.319%
53	8.904	1157	1159	1162	rVB3	80511	81419	1.51%	0.230%
54	8.939	1162	1165	1171	rBV6	70353	127289	2.37%	0.359%
55	8.998	1171	1175	1180	rBV6	51860	99607	1.85%	0.281%
56	9.075	1184	1188	1191	rVV	2879786	2739501	50.95%	7.723%
57	9.175	1202	1205	1210	rVB5	60978	75170	1.40%	0.212%
58	9.275	1220	1222	1228	rVB4	62702	72138	1.34%	0.203%
59	9.333	1228	1232	1235	rBV3	69298	98888	1.84%	0.279%
60	9.363	1235	1237	1238	rVV	81574	64111	1.19%	0.181%
61	9.386	1238	1241	1242	rVV2	120552	137501	2.56%	0.388%
62	9.427	1246	1248	1252	rVV	450859	544425	10.12%	1.535%
63	9.469	1252	1255	1263	rVV	184105	293998	5.47%	0.829%
64	9.539	1263	1267	1269	rVV4	34103	55470	1.03%	0.156%
65	9.663	1284	1288	1296	rVB7	181635	286751	5.33%	0.808%
66	9.751	1296	1303	1306	rBV	954957	912935	16.98%	2.574%
67	9.839	1314	1318	1320	rBV	99868	97406	1.81%	0.275%
68	9.863	1320	1322	1325	rVB3	80712	85755	1.59%	0.242%
69	9.957	1335	1338	1340	rBV2	52964	57596	1.07%	0.162%
70	9.986	1340	1343	1346	rVV2	119666	118790	2.21%	0.335%
71	10.027	1346	1350	1353	rVV	127734	177027	3.29%	0.499%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.069	1353	1357	1360	rVV	215662	215771	4.01%	0.608%
73	10.098	1360	1362	1365	rVB3	65815	63508	1.18%	0.179%
74	10.139	1365	1369	1371	rBV3	43358	56634	1.05%	0.160%
75	10.198	1376	1379	1381	rVB	73291	61069	1.14%	0.172%
76	10.233	1381	1385	1387	rBV	124974	136150	2.53%	0.384%
77	10.339	1400	1403	1406	rVB2	113015	112088	2.08%	0.316%
78	10.398	1410	1413	1419	rVB3	84628	92174	1.71%	0.260%
79	10.539	1430	1437	1440	rBV	1408032	1425724	26.51%	4.019%
80	10.680	1456	1461	1464	rVB2	66149	94391	1.76%	0.266%
81	10.822	1483	1485	1488	rBV	82034	79528	1.48%	0.224%
82	10.951	1504	1507	1510	rBV	105997	90473	1.68%	0.255%
83	11.227	1551	1554	1557	rBV	653251	609265	11.33%	1.718%
84	11.774	1644	1647	1651	rBV	180583	166175	3.09%	0.468%
85	11.880	1662	1665	1666	rBV	85674	75017	1.40%	0.211%
86	11.980	1679	1682	1688	rBV4	82603	88746	1.65%	0.250%
87	12.092	1698	1701	1704	rVB	89335	74793	1.39%	0.211%
88	12.563	1777	1781	1786	rVB	330470	303733	5.65%	0.856%
89	12.663	1796	1798	1801	rBV	94239	73071	1.36%	0.206%
90	12.821	1820	1825	1828	rBV	1907805	1886762	35.09%	5.319%
91	12.957	1845	1848	1853	rVB	82662	74981	1.39%	0.211%
92	13.721	1976	1978	1986	rVB4	70551	86078	1.60%	0.243%
93	13.863	1999	2002	2005	rBV	682716	613678	11.41%	1.730%
94	15.274	2238	2242	2247	rVB	427952	518573	9.64%	1.462%

Sum of corrected areas: 35471799

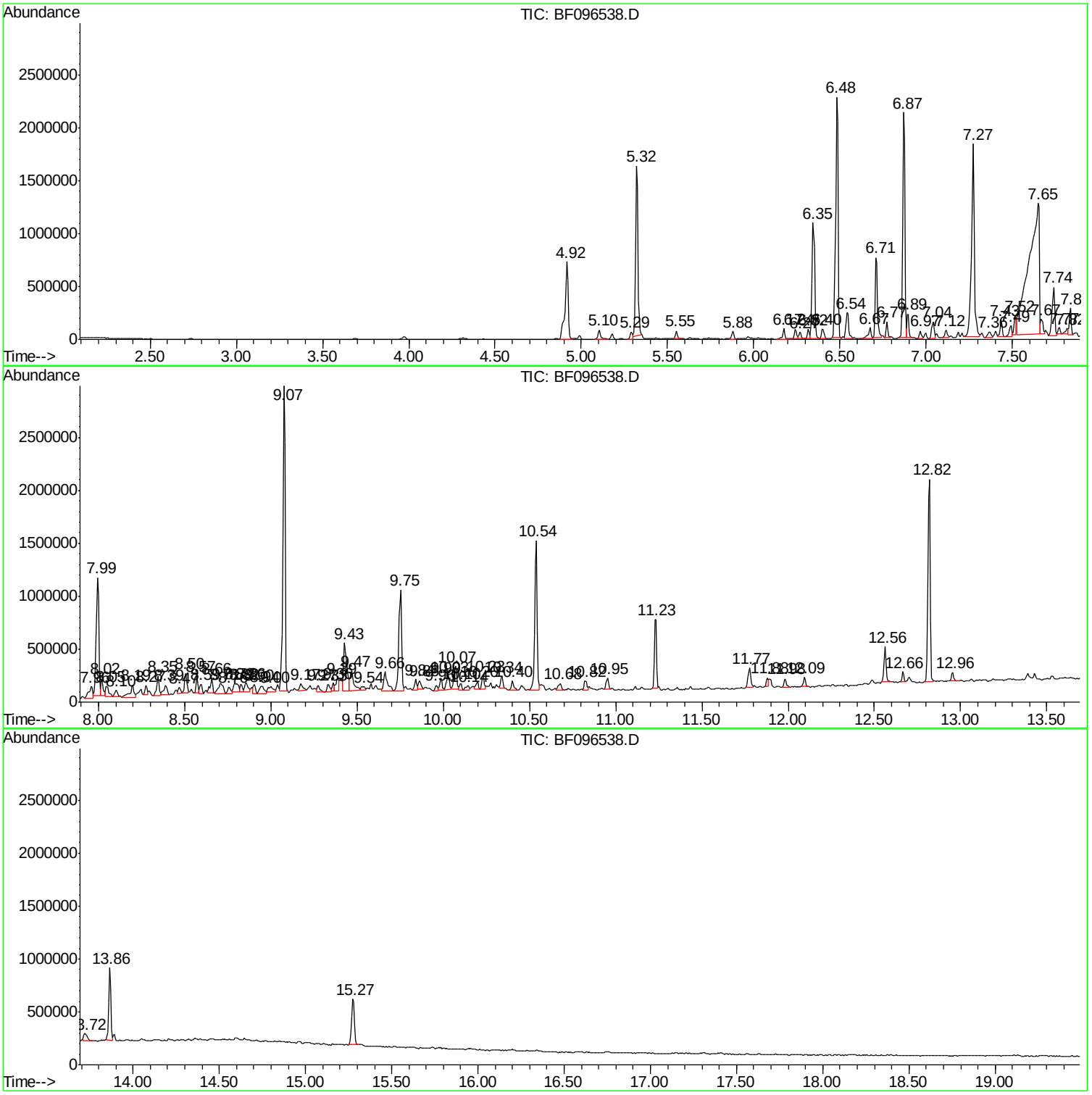
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

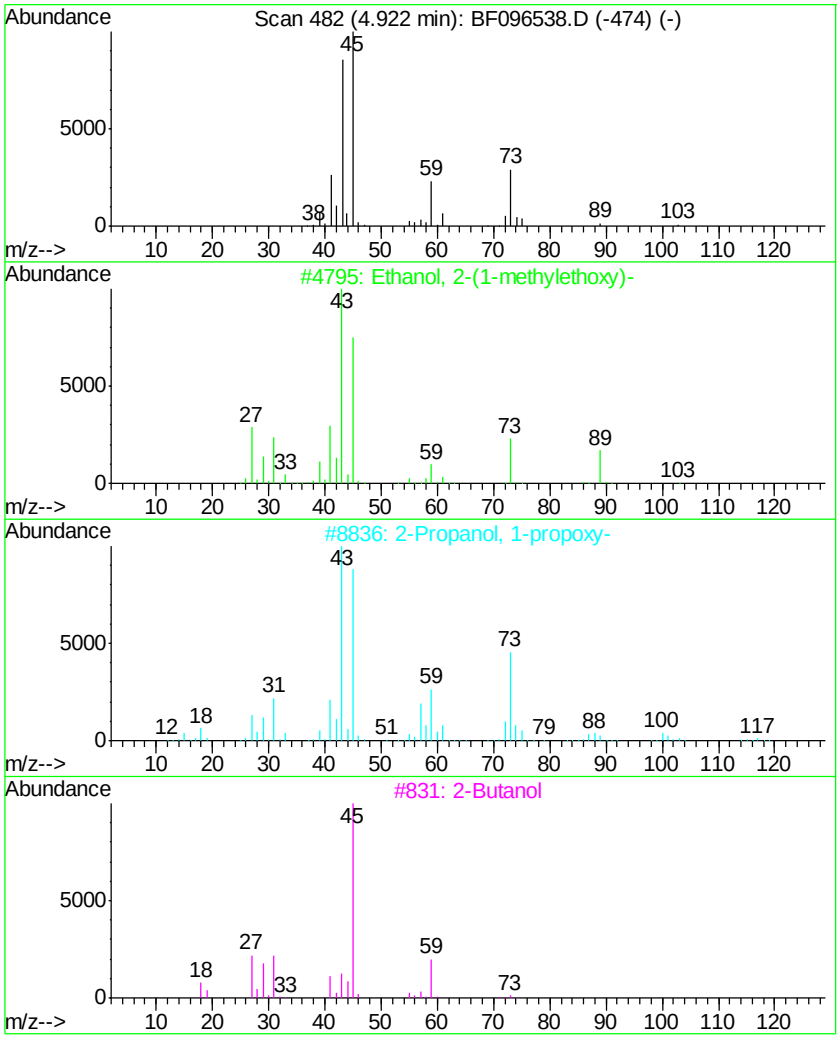
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

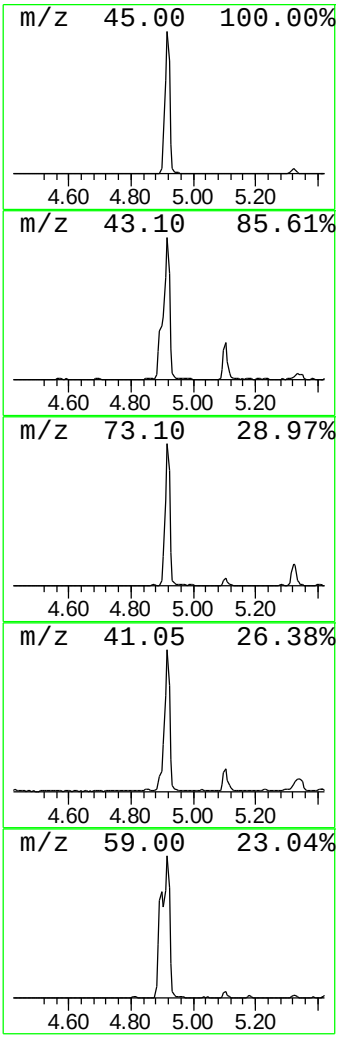
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(1-methylethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	27.02 ng	951456	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(1-methylethoxy)-	104	C5H12O2	000109-59-1	56
2	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	53
3	2-Butanol	74	C4H10O	000078-92-2	47
4	2-Isopropoxyethylamine	103	C5H13NO	081731-43-3	40
5	2-O-Mesyl arabinose	228	C6H12O7S	1000130-06-0	39





Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

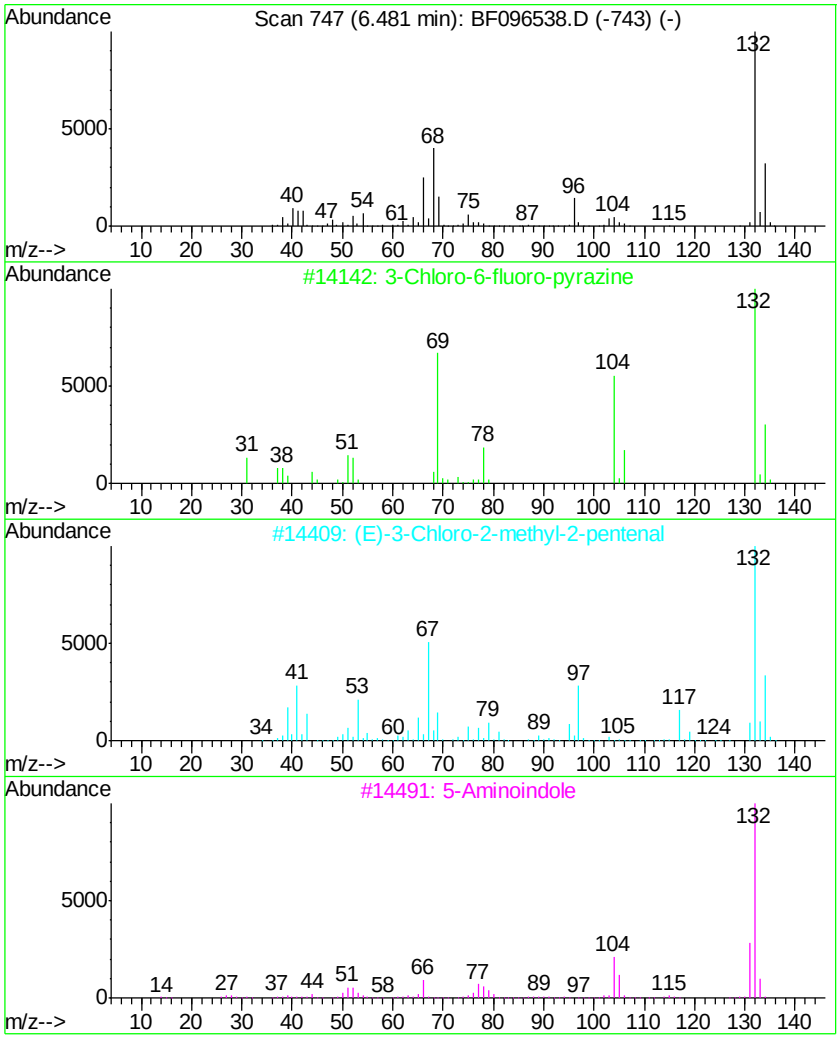
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

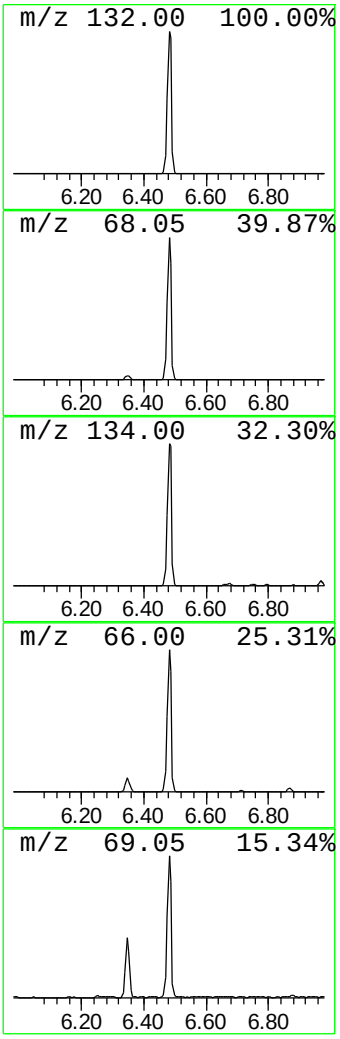
****

Peak Number 2 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	62.03 ng	2184100	1,4-Dichlorobenzene-d4	6.71

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

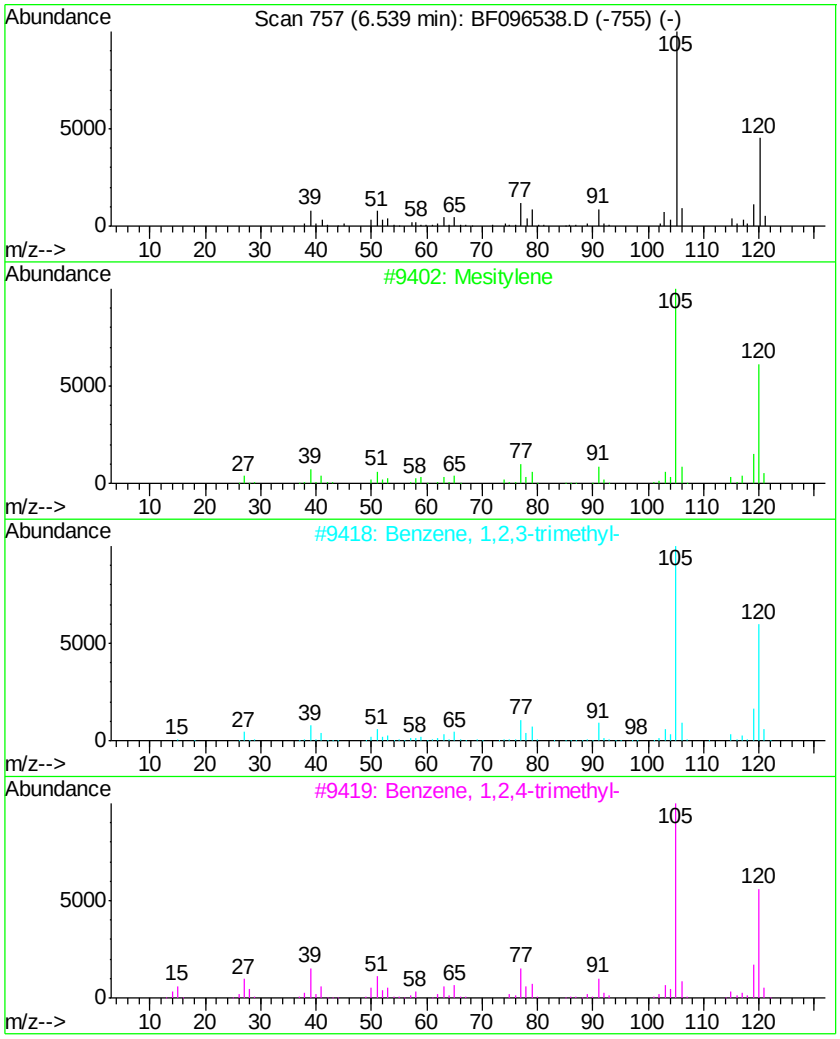
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

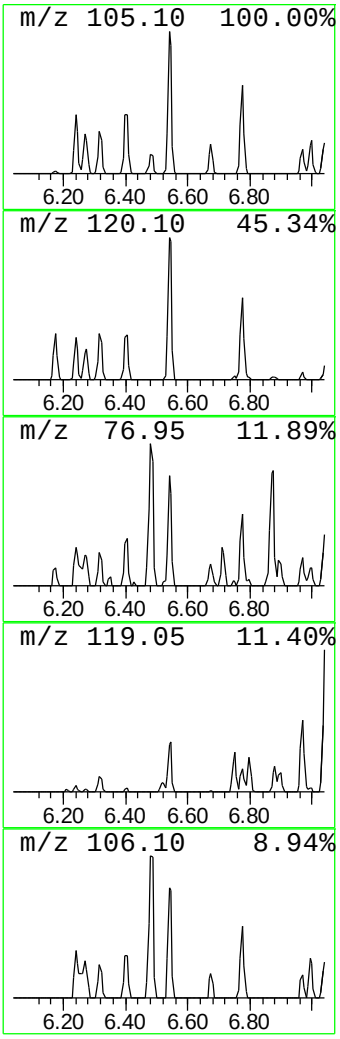
****

Peak Number 3 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	6.59 ng	231864	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

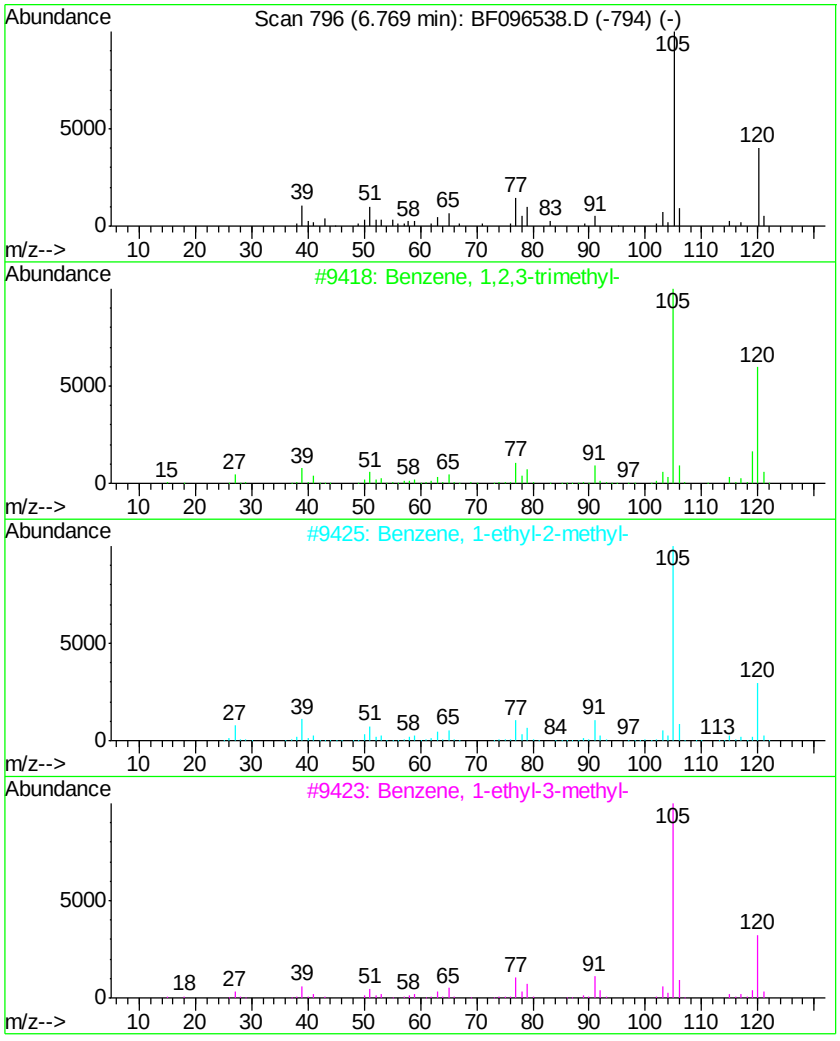
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

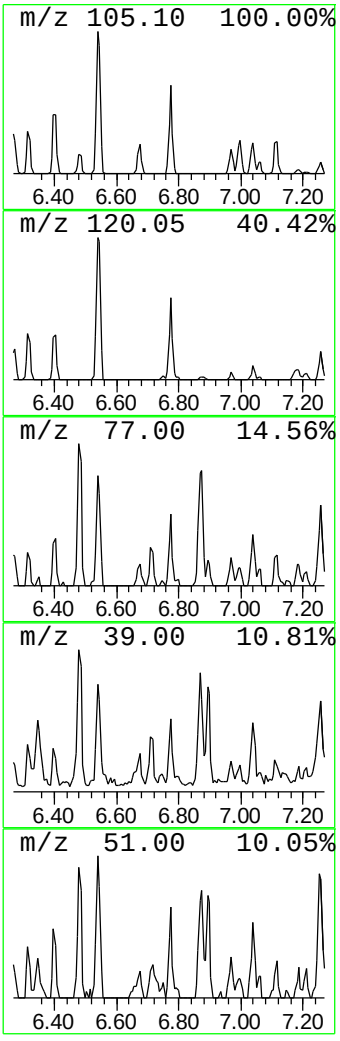
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	3.34 ng	117577	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

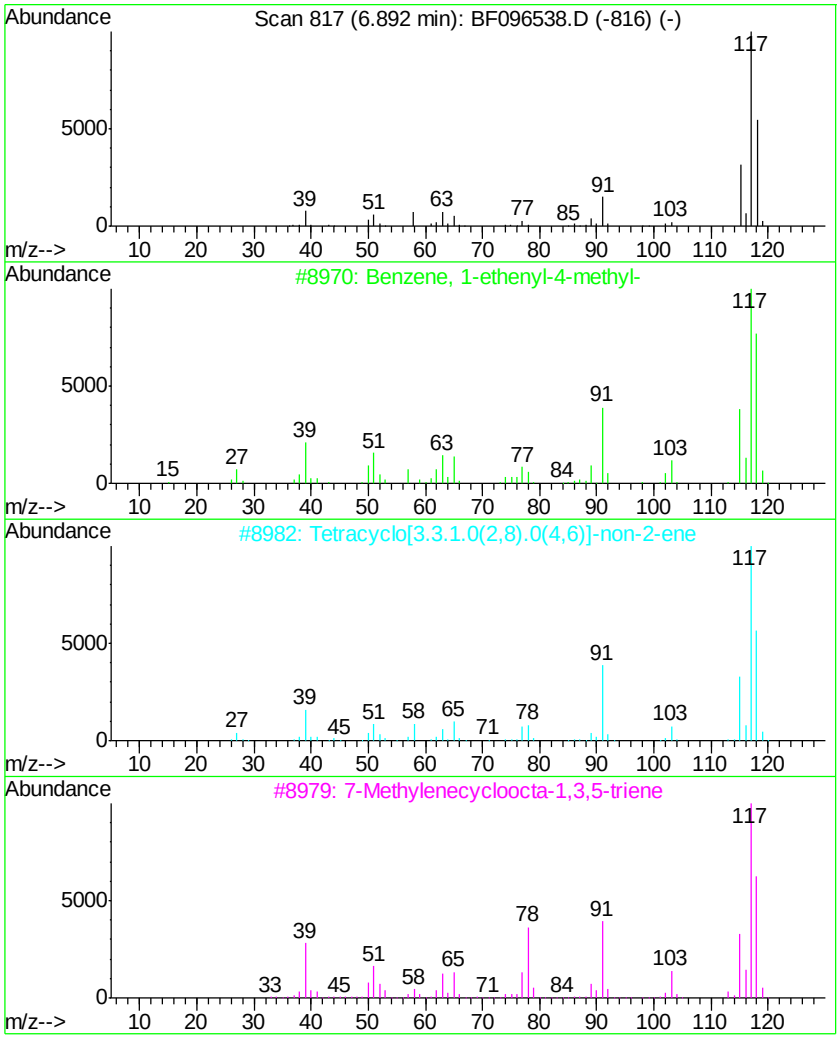
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

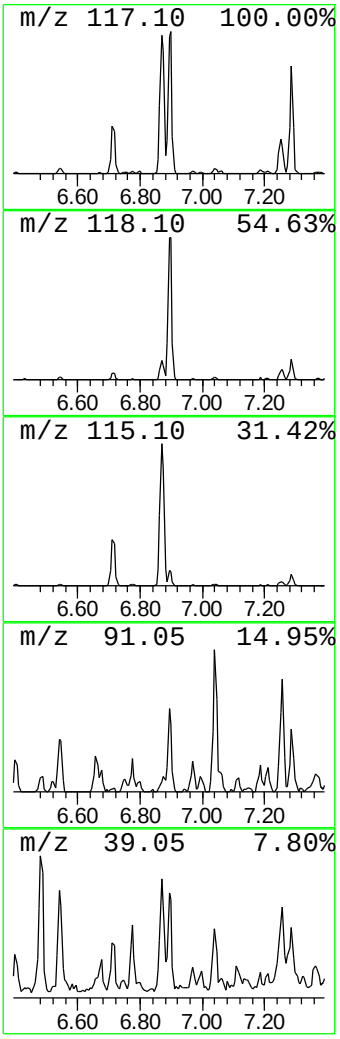
****

Peak Number 6 Benzene, 1-ethenyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	5.20 ng	183157	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	72
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53





Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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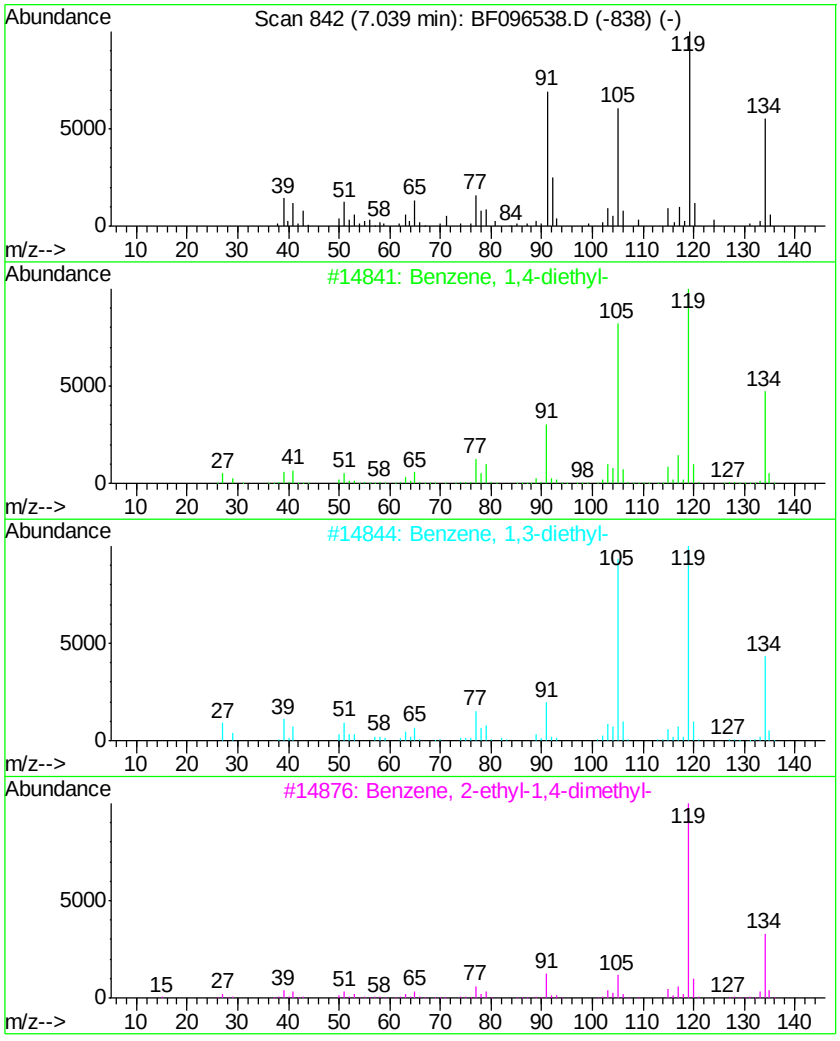
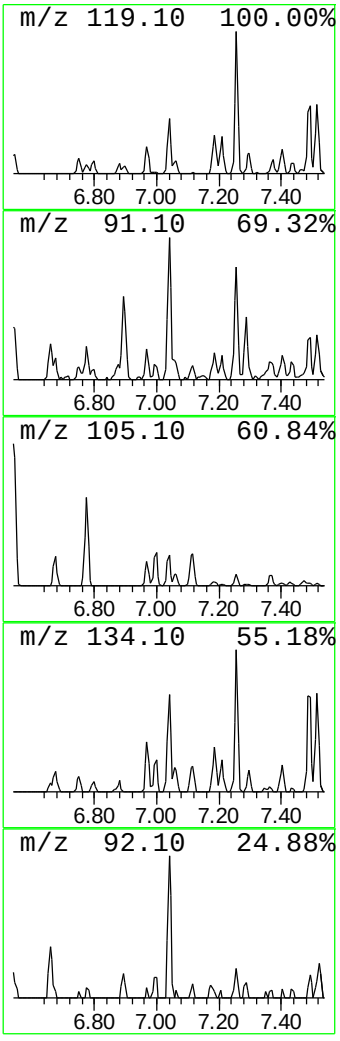
Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.91 ng	137747	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF070617\
Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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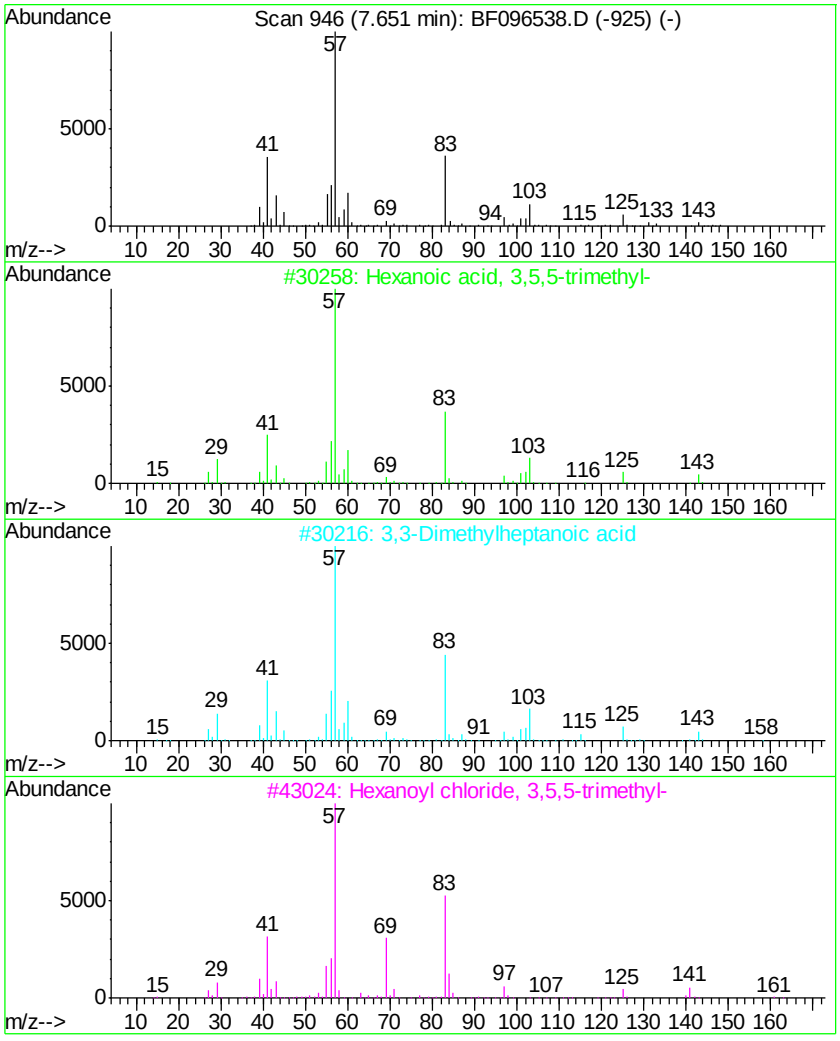
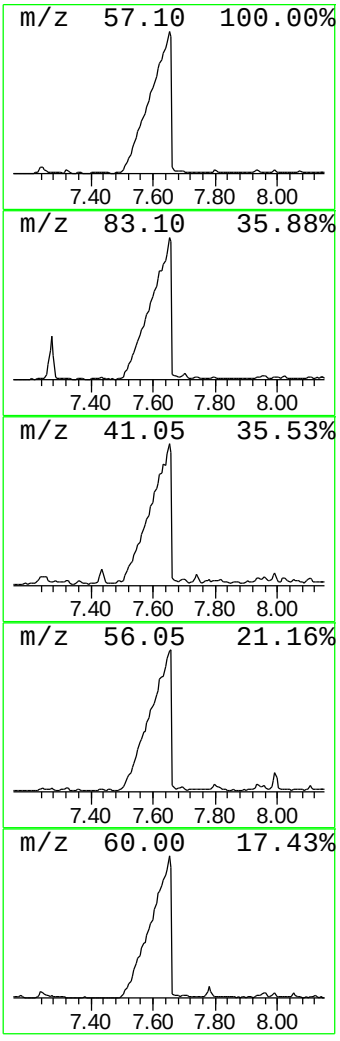
Peak Number 8 Hexanoic acid, 3,5,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	103.51 ng	5377340	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
3	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	25
4	Pivalic acid, 2-methylpropyl ester	158	C9H18O2	005129-38-4	23
5	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	22





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Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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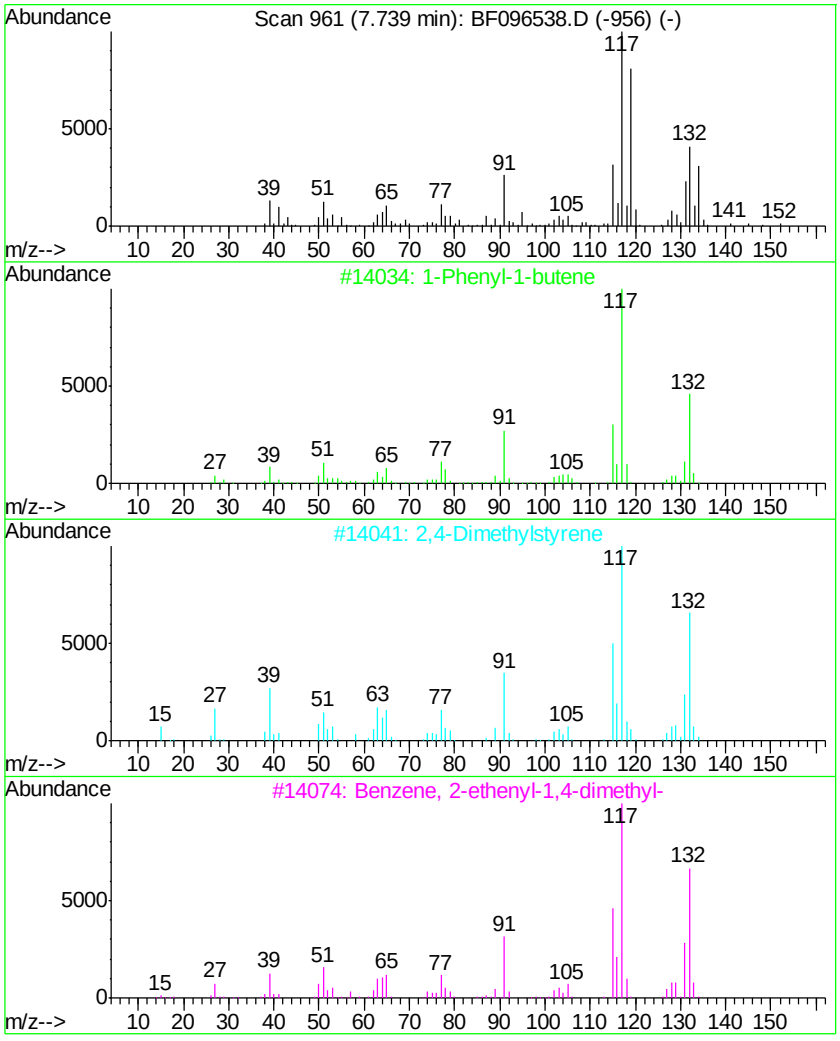
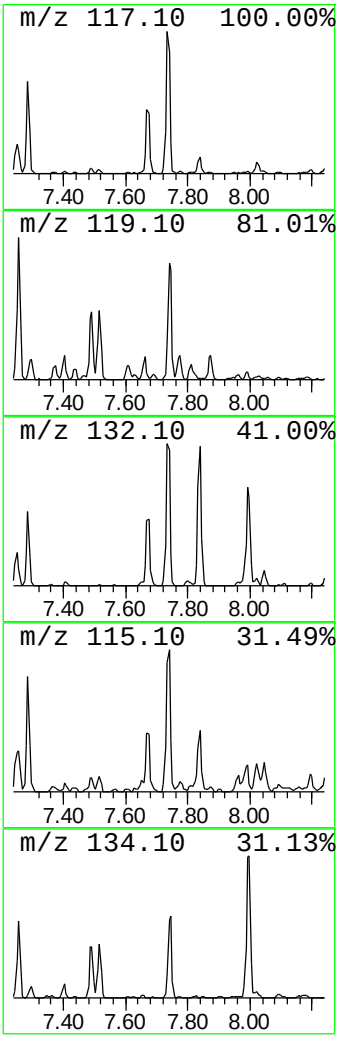
Peak Number 9 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	8.67 ng	450184	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60





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Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

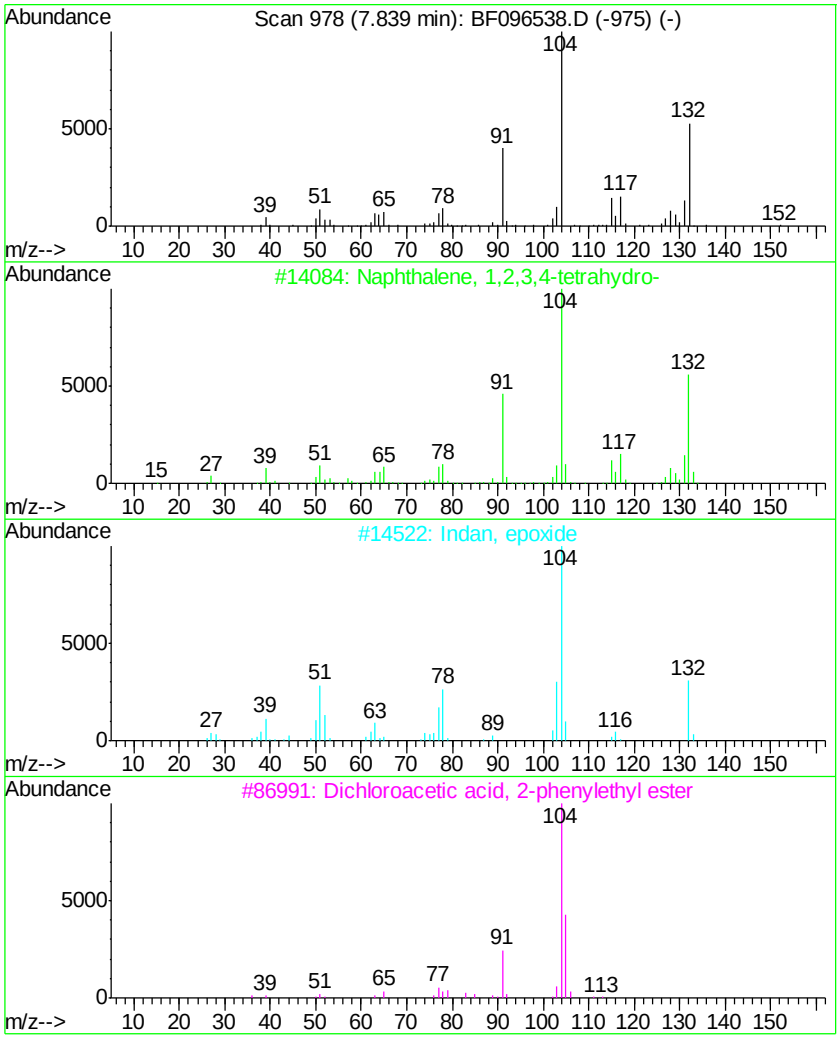
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

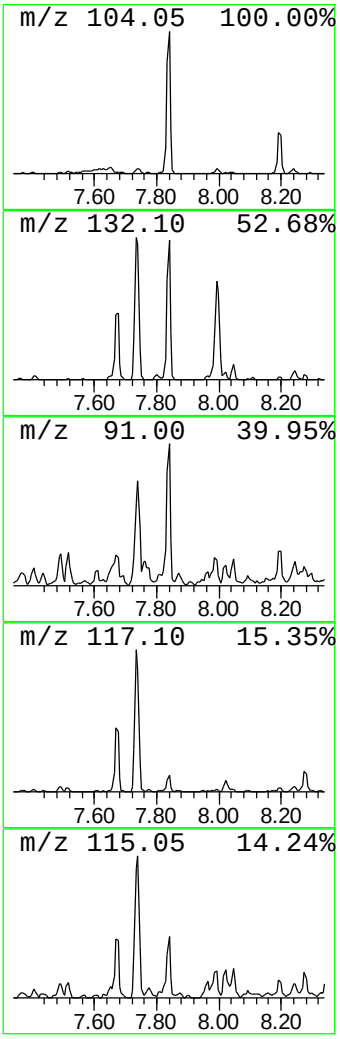
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.90 ng	202444	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Dichloroacetic acid, 2-phenyleth...	232	C10H10Cl2O2	209982-02-5	38
4	2-Phehylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	38
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38





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Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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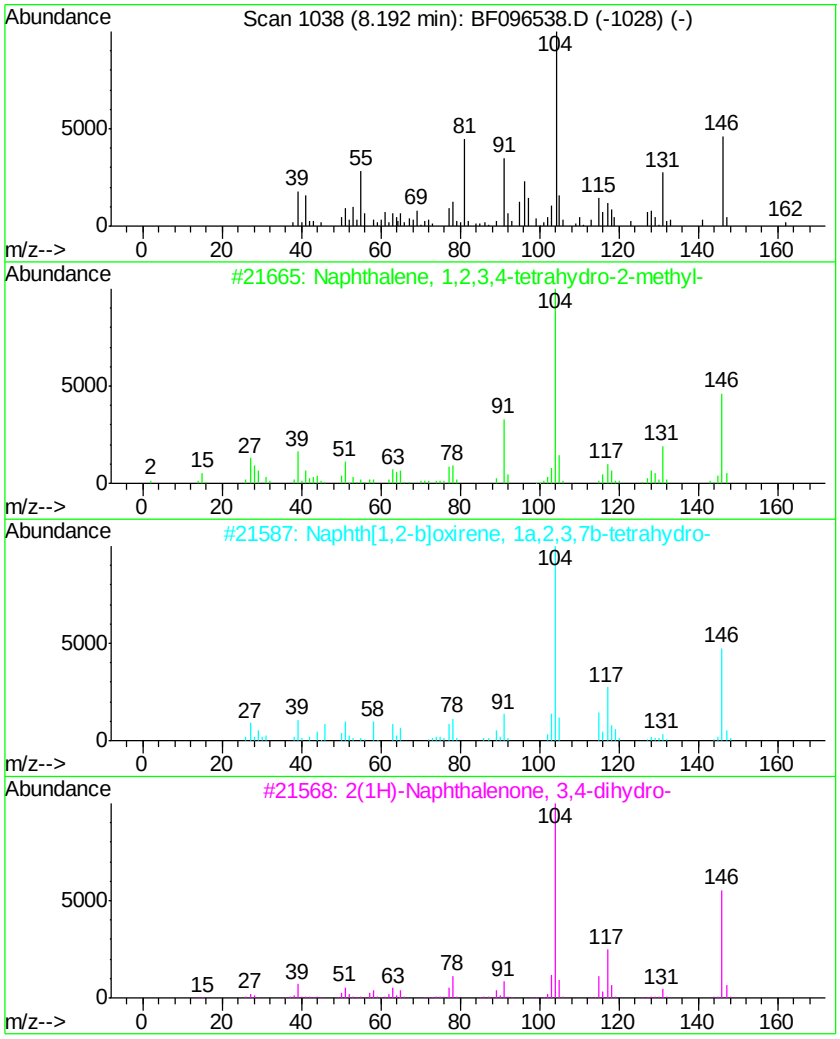
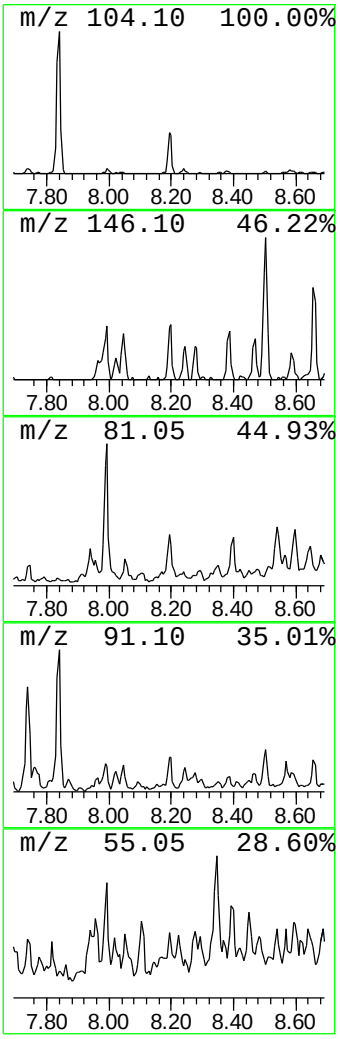
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.68 ng	191360	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	38
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	35





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Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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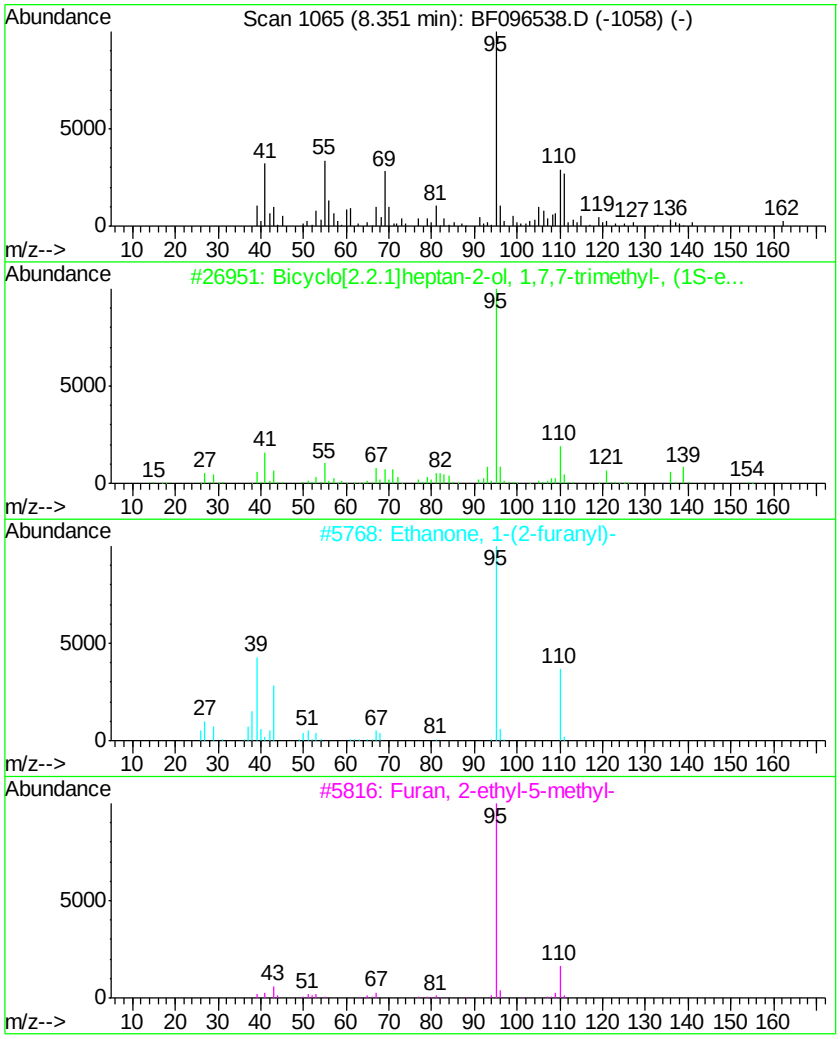
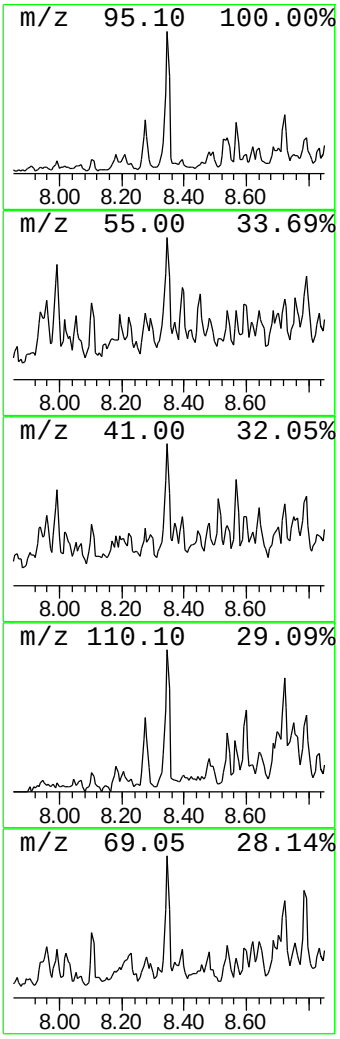
Peak Number 12 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.96 ng	205861	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	59
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	52
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	50
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	50





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Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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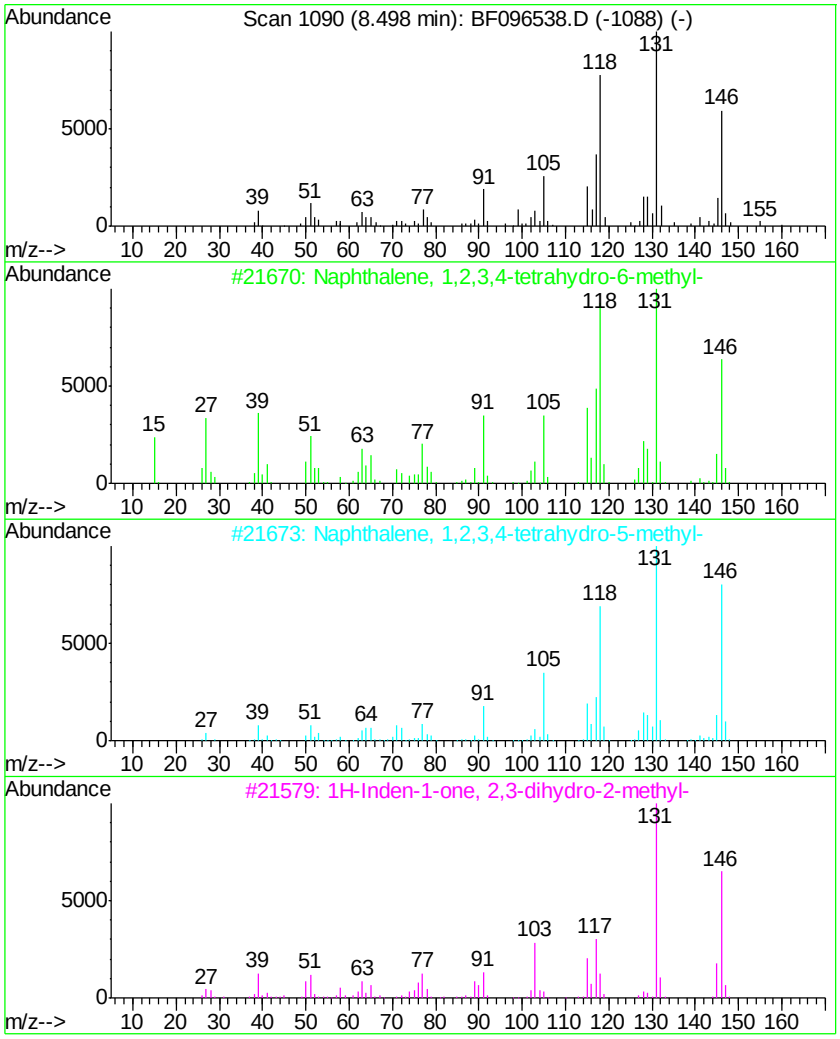
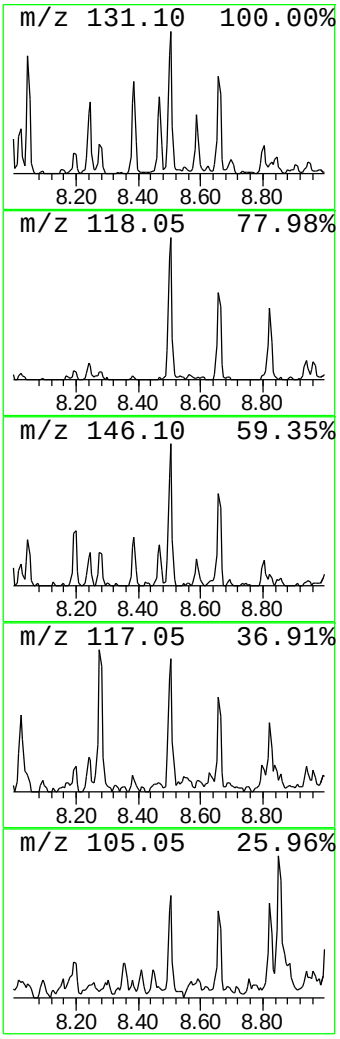
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	3.75 ng	194958	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	60
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55





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Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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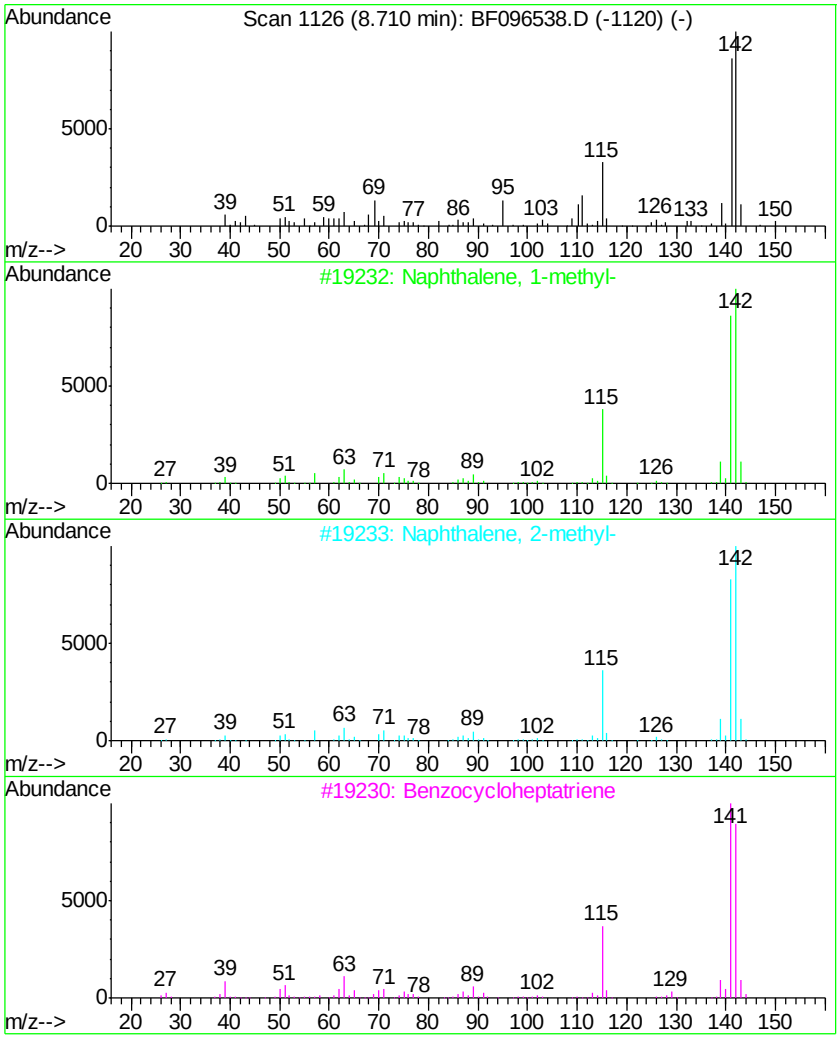
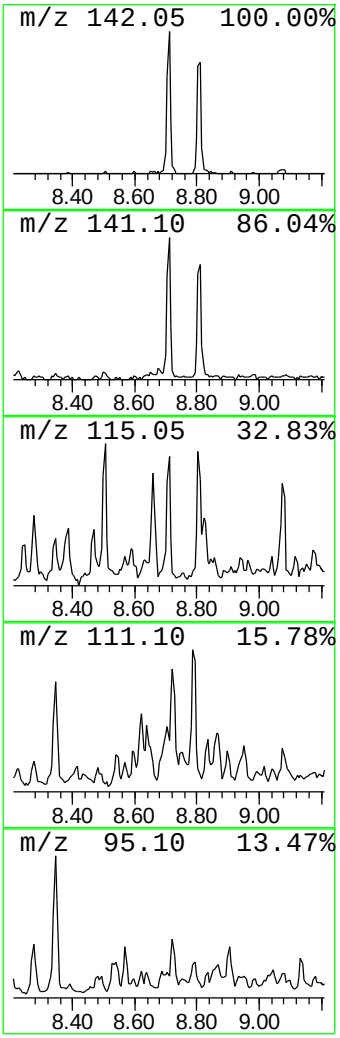
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	3.92 ng	203835	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	87
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81





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Operator : SJ/MA
Sample : I4030-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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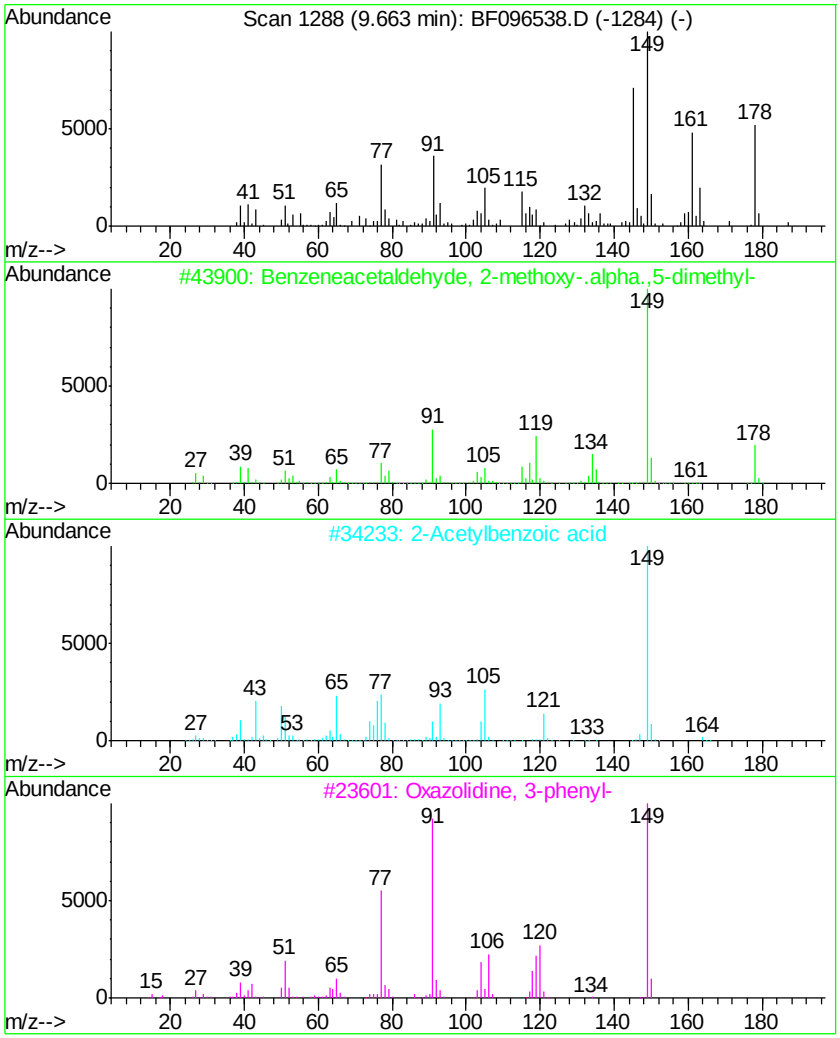
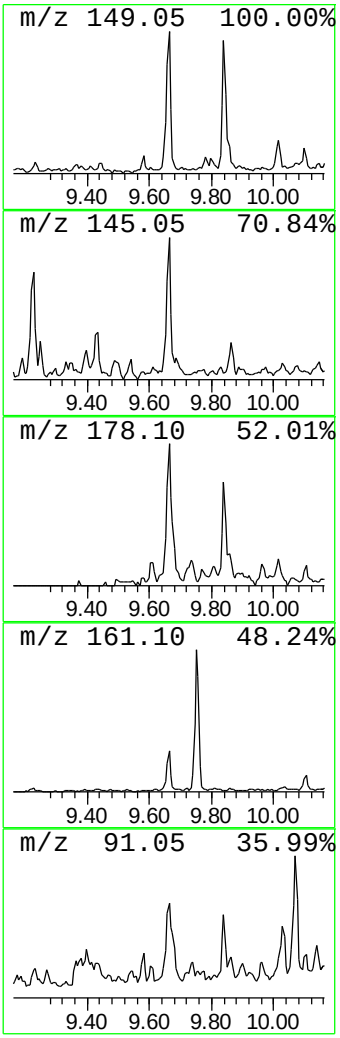
Peak Number 15 unknown9.66 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	6.28 ng	286751	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	43
2	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	27
3	Oxazolidine, 3-phenyl-	149	C9H11NO	020503-92-8	25
4	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	22
5	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	20





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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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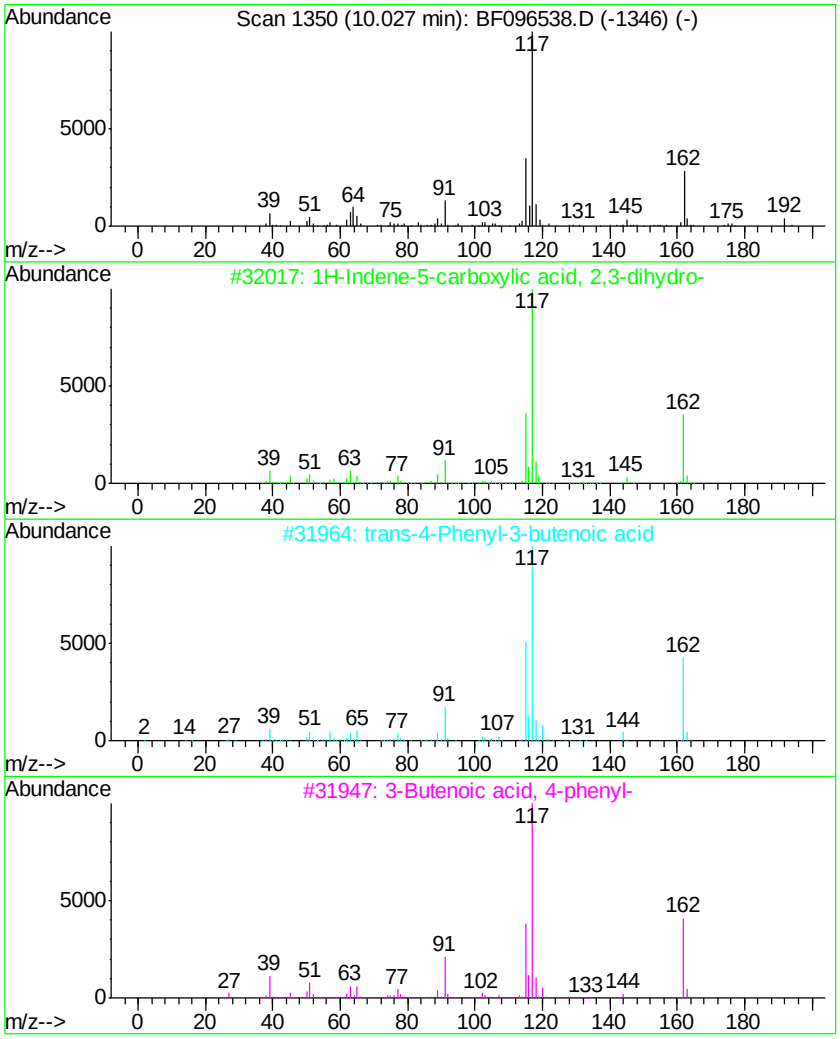
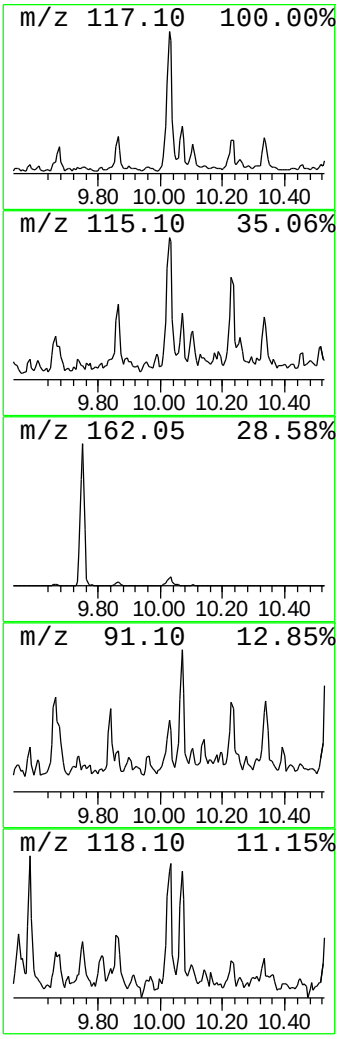
Peak Number 16 1H-Indene-5-carboxylic acid... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	3.88 ng	177027	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	94
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	87
3	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	83
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	53





Tentatively Identified Compound (LSC) summary

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Data File : BF096538.D
Acq On : 6 Jul 2017 17:32
Operator : SJ/MA
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5-TWP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
Ethanol, 2-(1-met...	4.92	27.0	ng	951456	1	6.71	704200	20.0
unknown6.48	6.48	62.0	ng	2184100	1	6.71	704200	20.0
Mesitylene	6.54	6.6	ng	231864	1	6.71	704200	20.0
Benzene, 1,2,3-tr...	6.77	3.3	ng	117577	1	6.71	704200	20.0
Benzene, 1-etheny...	6.89	5.2	ng	183157	1	6.71	704200	20.0
Benzene, 1,4-diet...	7.04	3.9	ng	137747	1	6.71	704200	20.0
Hexanoic acid, 3,...	7.65	103.5	ng	5377340	2	7.99	1038980	20.0
1-Phenyl-1-butene	7.74	8.7	ng	450184	2	7.99	1038980	20.0
Naphthalene, 1,2,...	7.84	3.9	ng	202444	2	7.99	1038980	20.0
Naphthalene, 1,2,...	8.19	3.7	ng	191360	2	7.99	1038980	20.0
Bicyclo[2.2.1]hep...	8.35	4.0	ng	205861	2	7.99	1038980	20.0
Naphthalene, 1,2,...	8.50	3.8	ng	194958	2	7.99	1038980	20.0
Naphthalene, 1-me...	8.71	3.9	ng	203835	2	7.99	1038980	20.0
unknown9.66	9.66	6.3	ng	286751	3	9.75	912935	20.0
1H-Indene-5-carbo...	10.03	3.9	ng	177027	3	9.75	912935	20.0