LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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	5.190	480	485	491	rBV2	215473	313632	5.94%	0.488%
2	5.384	512	518	521	rBV3	45439	62036	1.17%	0.097%
3	5.507	535	539	545	rBV	52866	84328	1.60%	0.131%
4	5.595	551	554	563	rBV	1156623	1791493	33.92%	2.789%
5	5.754	578	581	583	rVB2	67941	68066	1.29%	0.106%
6	5.984	613	620	622	rBV2	132461	170798	3.23%	0.266%
7	6.119	640	643	646	rVB2	136392	123735	2.34%	0.193%
8	6.195	652	656	657	rBV2	120991	131749	2.49%	0.205%
9	6.248	663	665	668	rVB	100688	84571	1.60%	0.132%
10	6.295	668	673	675	rBV4	38820	63722	1.21%	0.099%
11	6.395	679	690	693	rBV5	101763	208331	3.94%	0.324%
12	6.484	702	705	711	rBV2	206811	253819	4.81%	0.395%
13	6.560	714	718	720	rBV4	66068	83813	1.59%	0.130%
14	6.601	720	725	732	rBV	632206	1256773	23.80%	1.957%
15	6.678	736	738	744	rVB4	71976	79157	1.50%	0.123%
16	6.737	744	748	755	rBV	3297264	4066556	77.00%	6.331%
17	6.837	762	765	767	rBV3	87001	68789	1.30%	0.107%
18	6.907	774	777	781	rBV5	139257	164032	3.11%	0.255%
19	6.960	783	786	794	rVV2	678385	949589	17.98%	1.478%
20	7.090	805	808	809	rBV	171220	153255	2.90%	0.239%
21	7.119	809	813	820	rVV	3423749	4190957	79.36%	6.525%
22	7.172	820	822	824	rVB2	99834	81402	1.54%	0.127%
23	7.201	824	827	829	rBV2	265456	272541	5.16%	0.424%
24	7.289	837	842	849	rBV3	435997	485151	9.19%	0.755%
25	7.348	849	852	854	rBV2	286472	272310	5.16%	0.424%
26	7.413	861	863	866	rBV2	102515	104405	1.98%	0.163%
27	7.484	867	875	878	rBV2	855326	1387156	26.27%	2.160%
28	7.531	878	883	888	rVV	2503712	3313171	62.74%	5.158%
29	7.595	891	894	897	rVB3	472257	510559	9.67%	0.795%
30	7.642	899	902	903	rBV	207376	186450	3.53%	0.290%
31	7.719	913	915	918	rBV	370947	308416	5.84%	0.480%
32	7.748	918	920	921	rBV	168213	132847	2.52%	0.207%
33	7.819	926	932	933	rBV2	226666	294693	5.58%	0.459%
34	7.884	939	943	947	rBV3	550602	743807	14.08%	1.158%

LSC Area Percent Report

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Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.978	953	959	961	rBV	954160	1217896	23.06%	1.896%
36	7.995	961	962	966	rVV	463061	378087	7.16%	0.589%
37	8.042	966	970	973	rVV2	359146	541546	10.25%	0.843%
38	8.101	977	980	982	rVV	311142	270373	5.12%	0.421%
39	8.131	982	985	987	rBV3	112834	136558	2.59%	0.213%
40	8.178	987	993	997	rVV3	526640	808174	15.30%	1.258%
41	8.225	997	1001	1002	rVV	411093	474552	8.99%	0.739%
42	8.242	1002	1004	1008	rVV2	1593082	2045771	38.74%	3.185%
43	8.278	1008	1010	1014	rVB	830241	779708	14.76%	1.214%
44	8.319	1014	1017	1019	rBV3	308061	289040	5.47%	0.450%
45	8.354	1019	1023	1025	rVB2	217786	268296	5.08%	0.418%
46	8.384	1025	1028	1031	rBV3	269763	350433	6.64%	0.546%
47	8.431	1034	1036	1039	rBV	367437	323318	6.12%	0.503%
48	8.484	1041	1045	1048	rVV4	593648	797010	15.09%	1.241%
49	8.519	1048	1051	1056	rVB3	433647	597625	11.32%	0.930%
50	8.554	1056	1057	1059	rBV	71675	59880	1.13%	0.093%
51	8.589	1059	1063	1064	rBV4	211051	286320	5.42%	0.446%
52	8.619	1066	1068	1070	rVV	149294	112726	2.13%	0.176%
53	8.642	1070	1072	1075	rVB	524078	386950	7.33%	0.602%
54	8.672	1075	1077	1079	rBV2	191295	169770	3.21%	0.264%
55	8.701	1079	1082	1086	rVB3	325050	299268	5.67%	0.466%
56	8.736	1086	1088	1090	rVB3	147665	107101	2.03%	0.167%
57	8.778	1093	1095	1096	rBV	180330	133843	2.53%	0.208%
58	8.842	1103	1106	1108	rBV3	185448	165239	3.13%	0.257%
59	8.901	1111	1116	1119	rVV4	765521	934670	17.70%	1.455%
60	8.931	1119	1121	1127	rVB5	396525	443756	8.40%	0.691%
61	8.983	1127	1130	1132	rBV3	286828	302709	5.73%	0.471%
62	9.019	1133	1136	1139	rBV4	240169	347318	6.58%	0.541%
63	9.060	1139	1143	1145	rVV3	934989	1028831	19.48%	1.602%
64	9.095	1147	1149	1152	rVV2	317374	298576	5.65%	0.465%
65	9.131	1153	1155	1159	rVB4	422180	491896	9.31%	0.766%
66	9.183	1159	1164	1166	rBV3	399487	608095	11.51%	0.947%
67	9.242	1172	1174	1178	rBV3	438001	432411	8.19%	0.673%
68	9.319	1182	1187	1190	rBV	4935689	5281071	100.00%	8.222%
69	9.460	1206	1211	1214	rBV3	317807	607482	11.50%	0.946%
70	9.589	1231	1233	1235	rBV3	259551	238605	4.52%	0.371%
71	9.666	1241	1246	1249	rBV4	796330	1168411	22.12%	1.819%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	9.701	1250	1252	1258	rVB2	554755	824239	15.61%	1.283%
73	9.978	1292	1299	1301	rBV	586791	1048680	19.86%	1.633%
74	10.001	1301	1303	1308	rVV	1458346	1348610	25.54%	2.100%
75	10.048	1308	1311	1314	rVB	532939	563363	10.67%	0.877%
76	10.336	1354	1360	1361	rBV3	428362	726226	13.75%	1.131%
77	10.701	1419	1422	1427	rBV5	204123	330722	6.26%	0.515%
78	10.778	1431	1435	1436	rVV	1266545	1465457	27.75%	2.282%
79	10.801	1436	1439	1451	rVB	2595992	3516595	66.59%	5.475%
80	11.377	1535	1537	1542	rVB2	233198	223242	4.23%	0.348%
81	11.495	1554	1557	1564	rBV	1056500	1068481	20.23%	1.664%
82	12.013	1642	1645	1655	rVB	630480	686722	13.00%	1.069%
83	12.789	1775	1777	1786	rVB	199692	216048	4.09%	0.336%
84	13.077	1822	1826	1839	rBV	3370476	3793582	71.83%	5.906%
85	13.954	1972	1975	1980	rBV	136472	140140	2.65%	0.218%
86	14.148	2004	2008	2015	rBV	953864	1090507	20.65%	1.698%
87	14.977	2146	2149	2154	rVB	277916	283081	5.36%	0.441%
88	15.248	2193	2195	2200	rVB	58451	62574	1.18%	0.097%
89	15.677	2263	2268	2279	rVB	757745	1197047	22.67%	1.864%

Sum of corrected areas: 64230740

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
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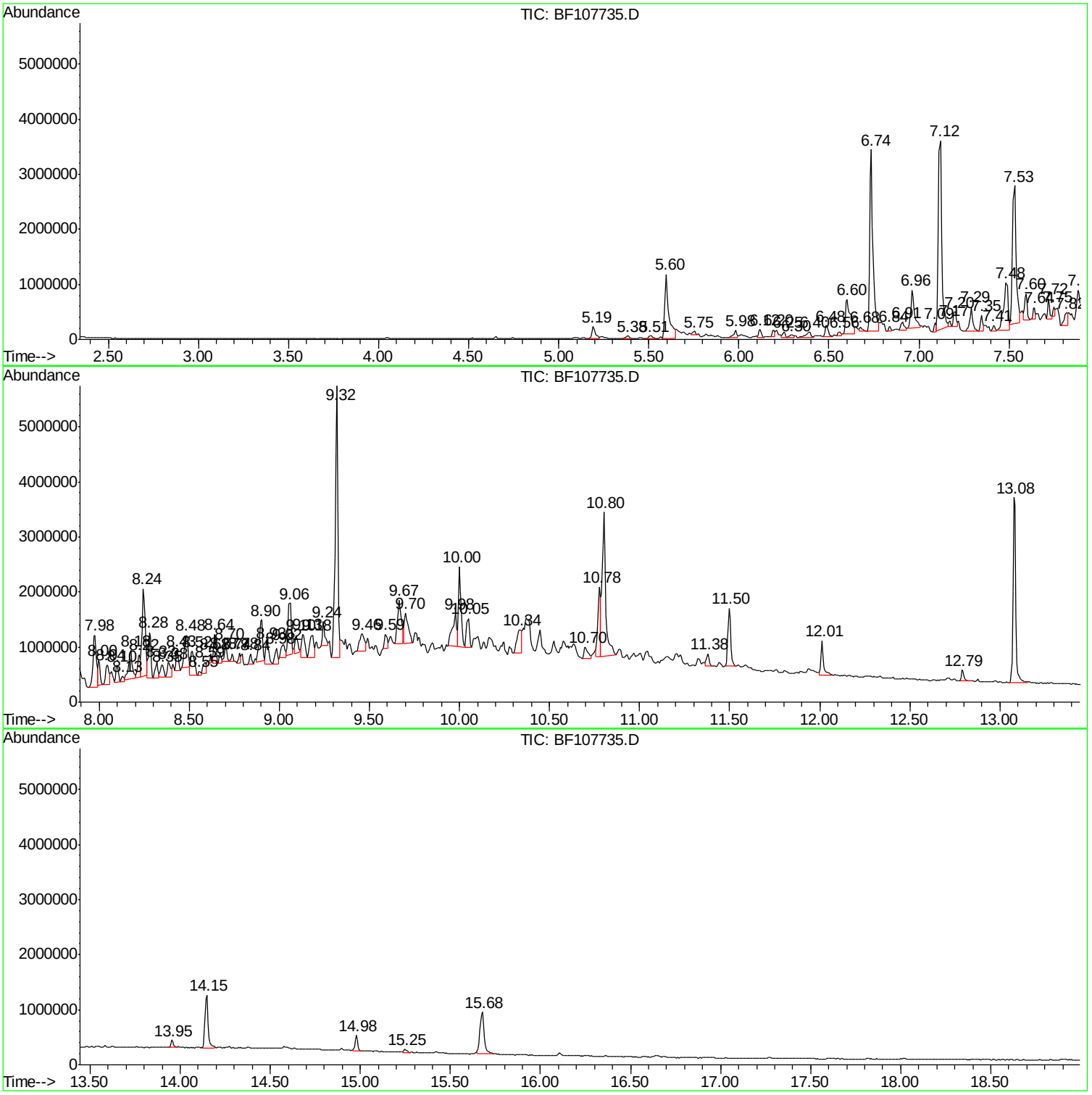
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

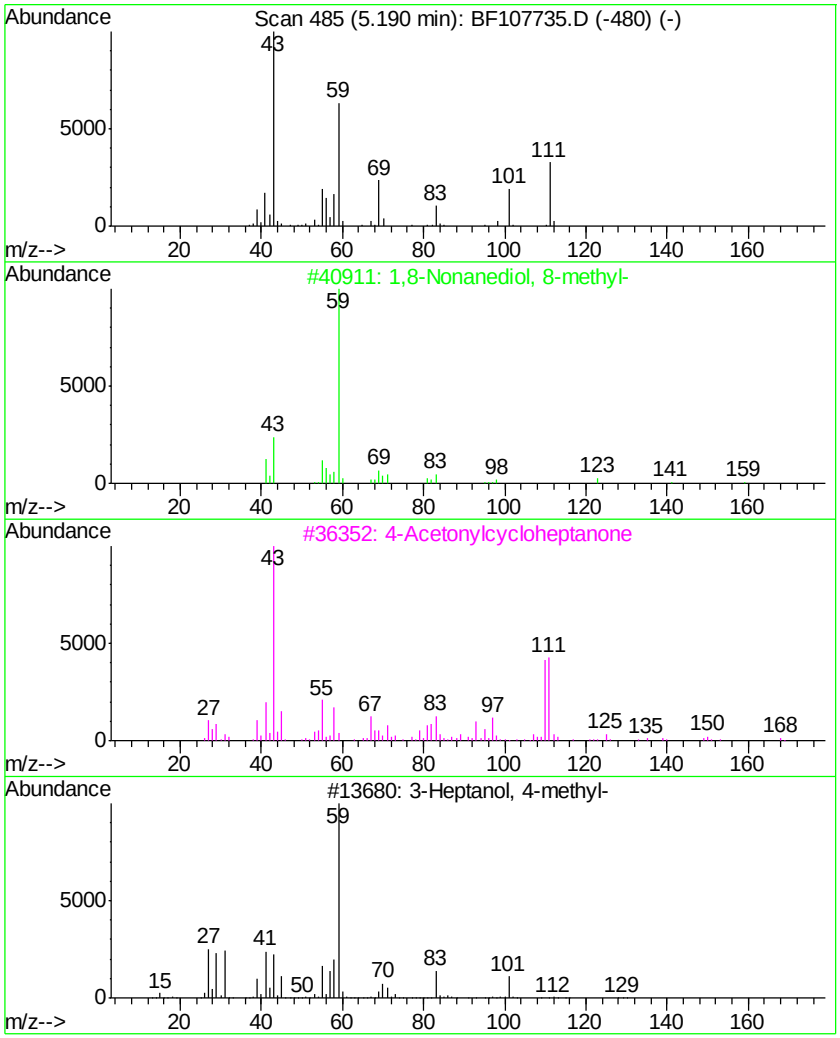
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

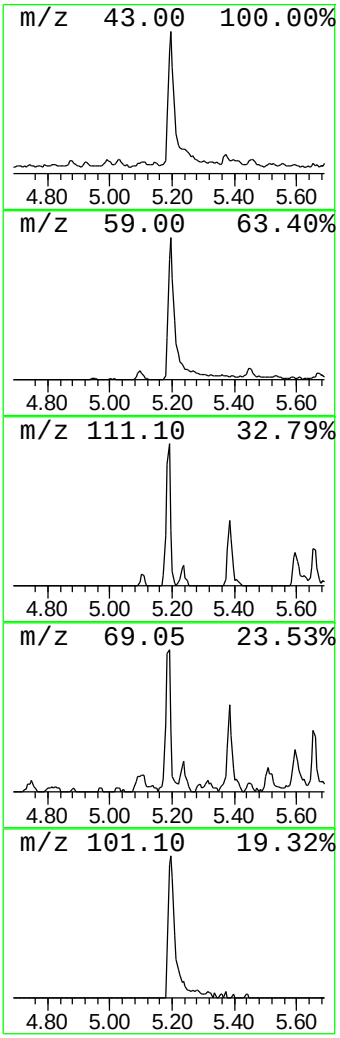
****

Peak Number 1 unknown5.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.61 ng	313632	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
2	4-Acetonylcycloheptanone	168	C10H16O2	086428-60-6	17
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	14
5	1,2-Butanediol	90	C4H10O2	000584-03-2	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

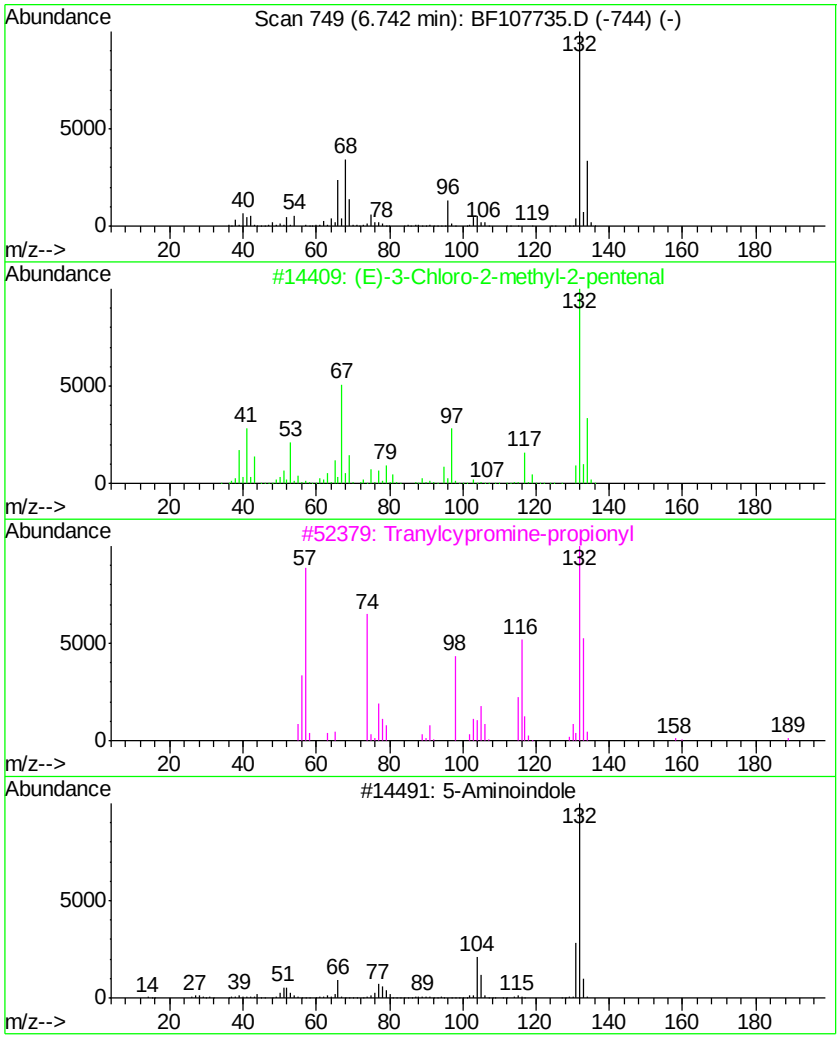
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

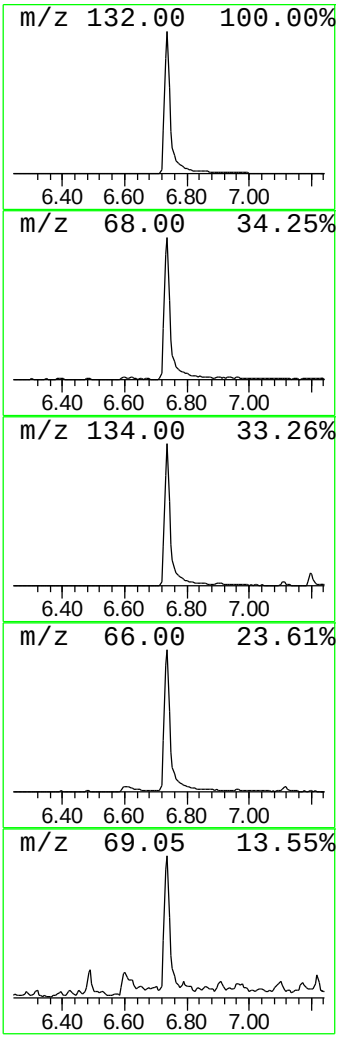
****

Peak Number 2 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	85.65 ng	4066560	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

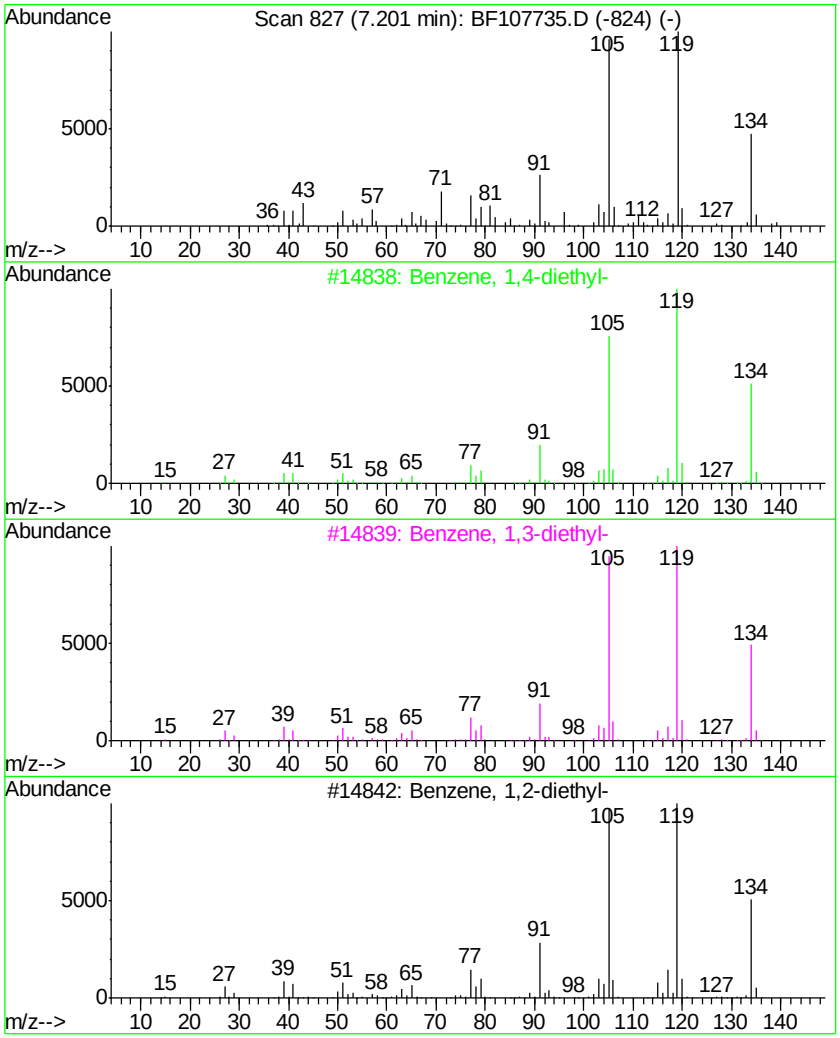
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

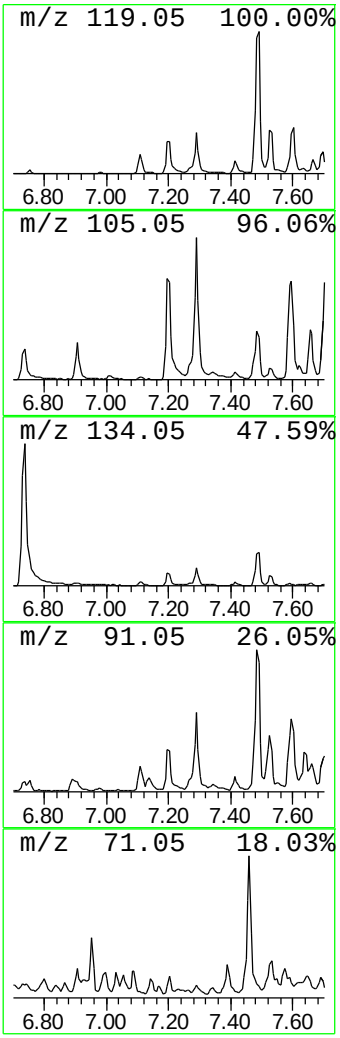
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	5.74 ng	272541	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

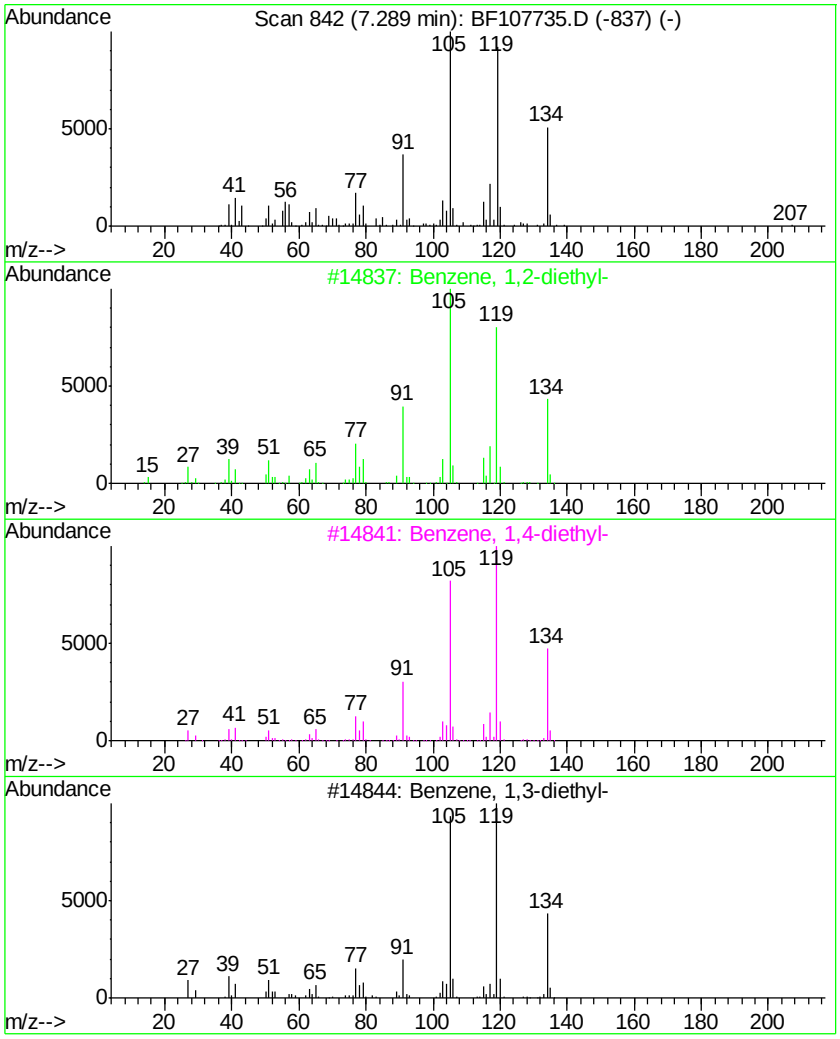
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

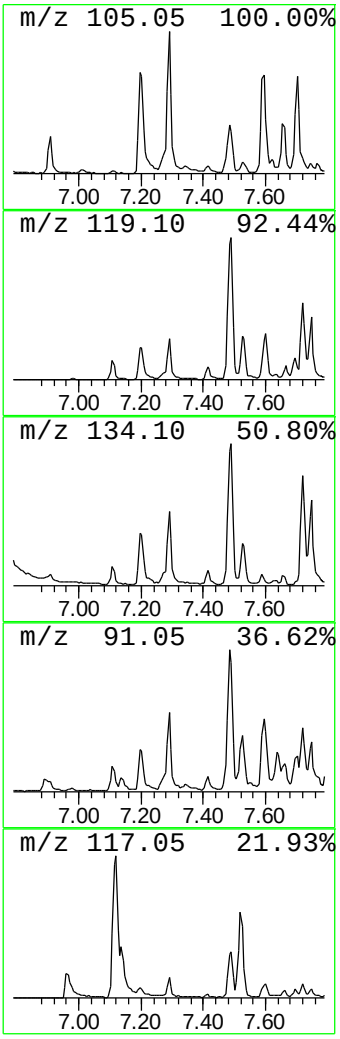
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	10.22 ng	485151	1,4-Dichlorobenzene-d4	6.96

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	97
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

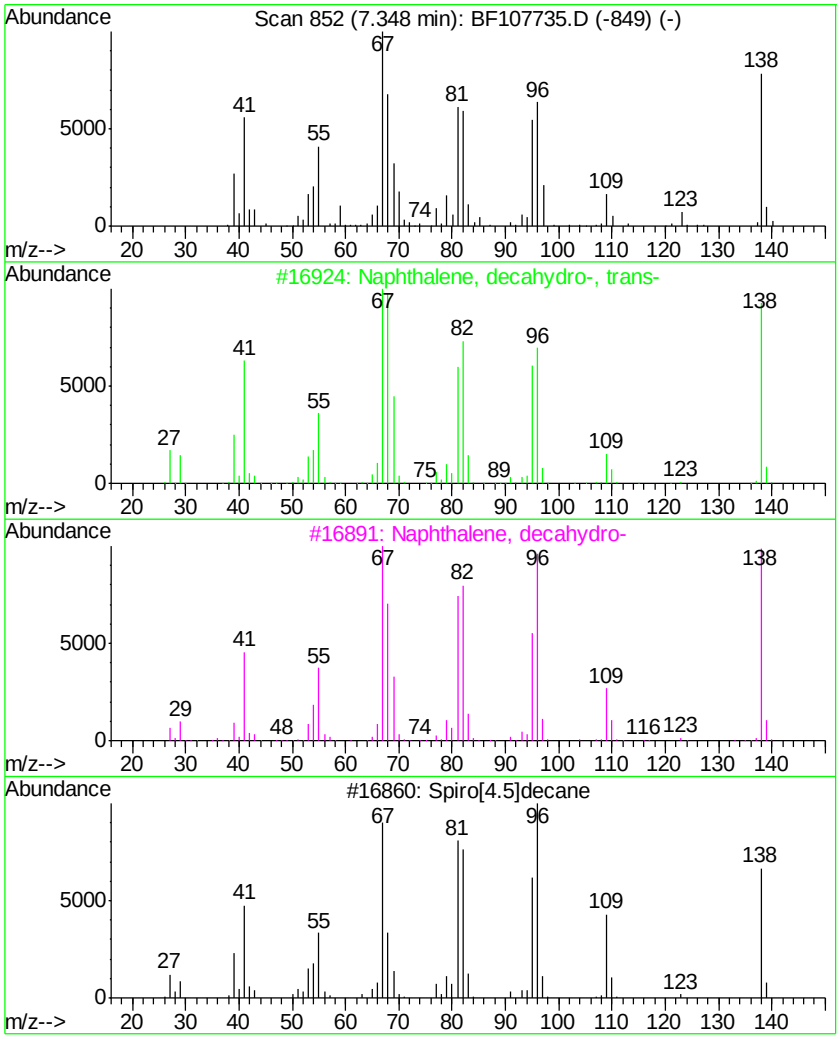
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

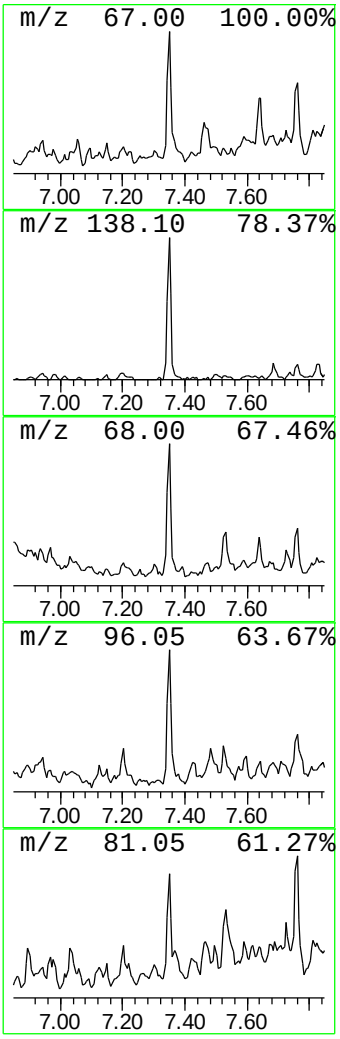
****

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	5.74 ng	272310	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	Spiro[4.5]decane	138	C10H18	000176-63-6	87
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	81
5	Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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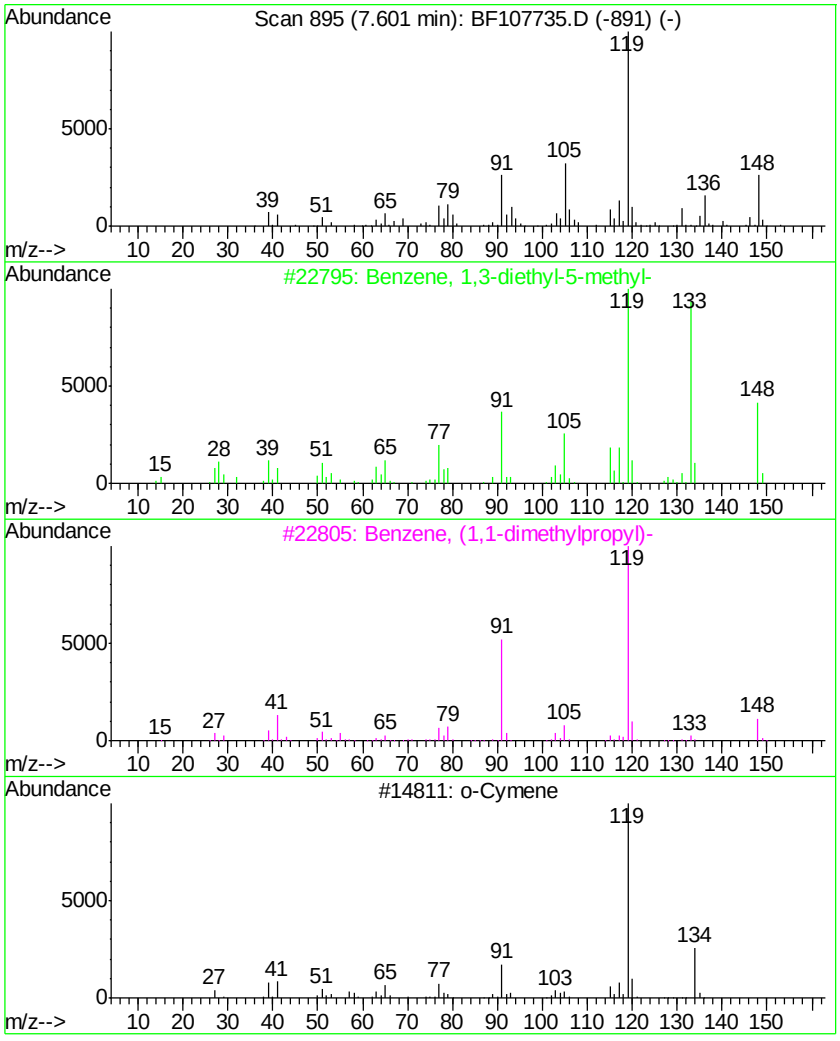
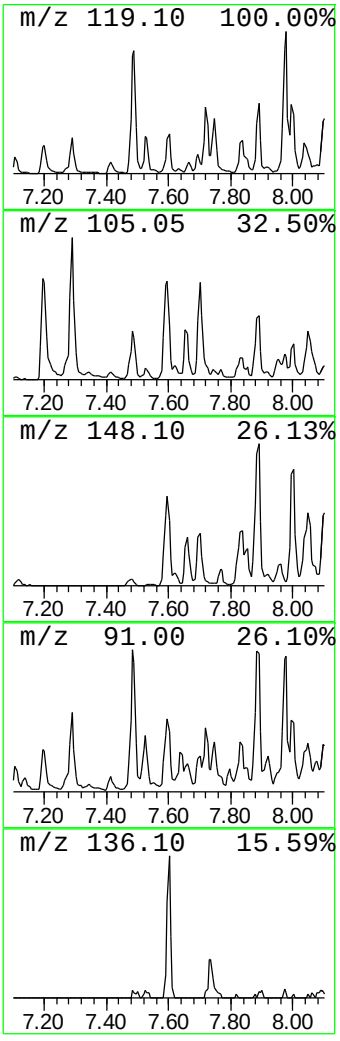
Peak Number 7 Benzene, (1,1-dimethylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.75 ng	510559	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3	o-Cymene	134	C10H14	000527-84-4	46
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	43
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43





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Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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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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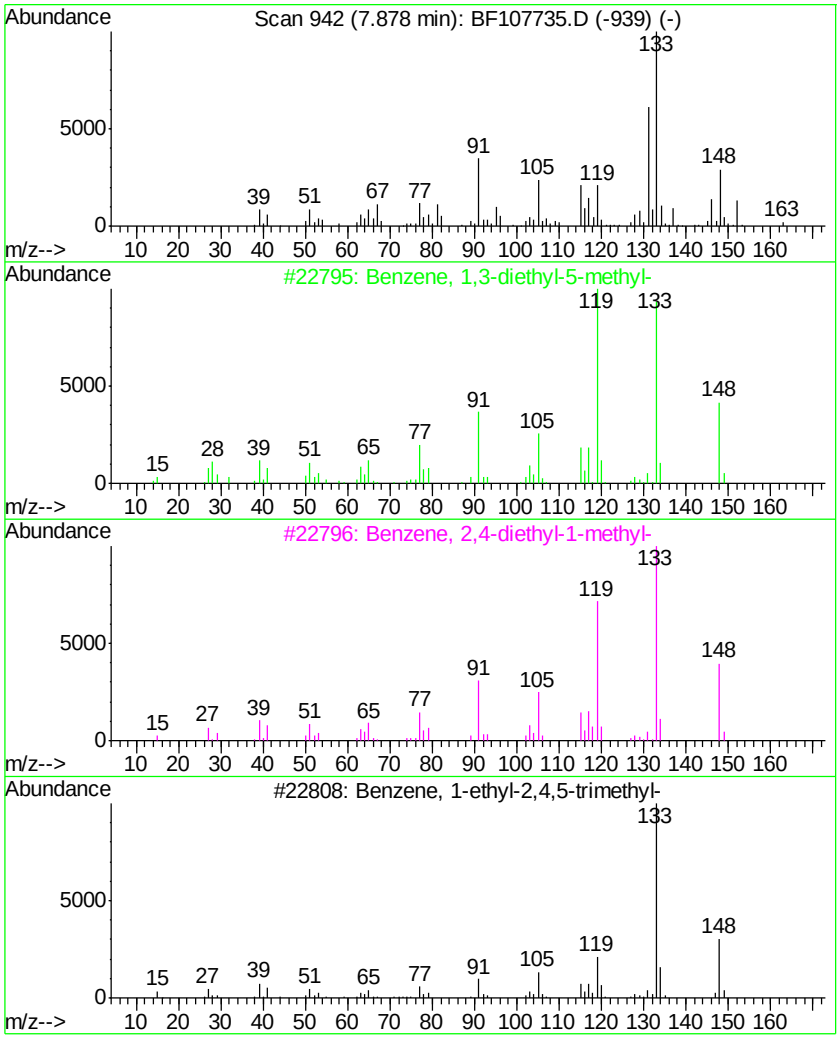
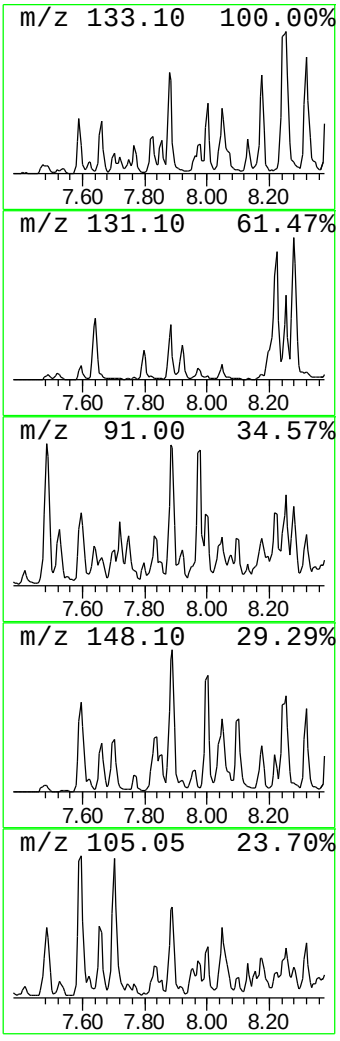
Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	7.27 ng	743807	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	46
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	46
5	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	41





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TIC Library : C:\DATABASE\NIST11.L
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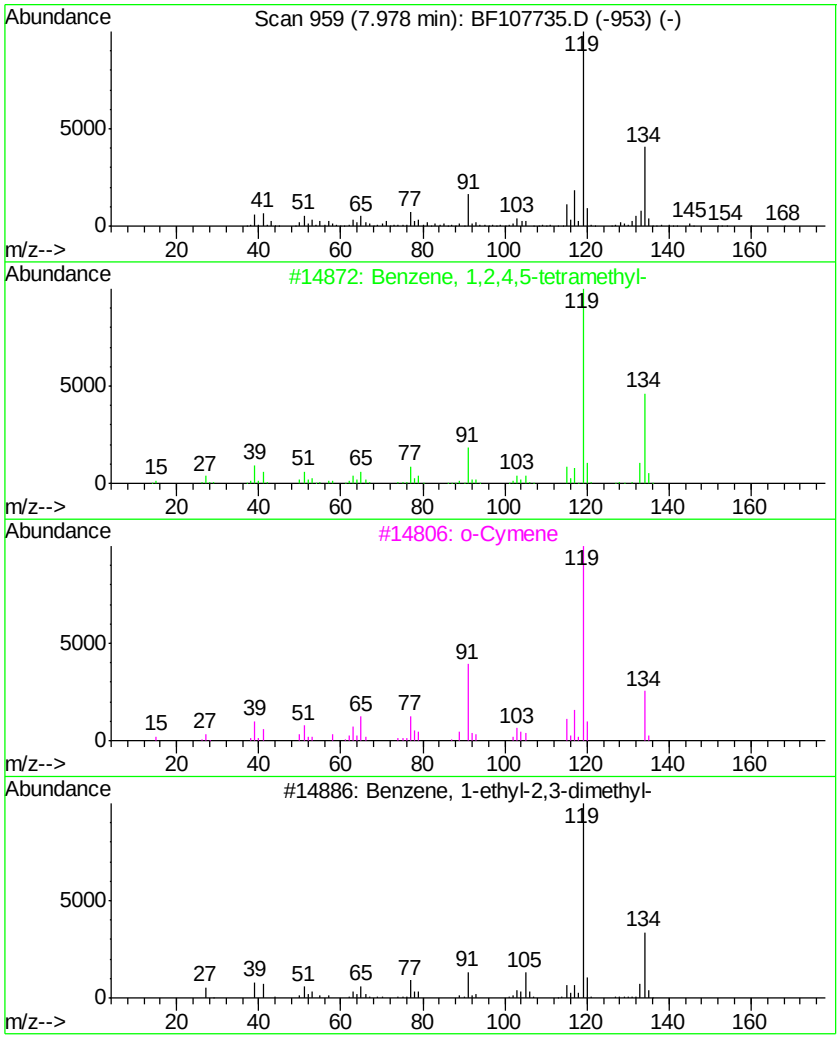
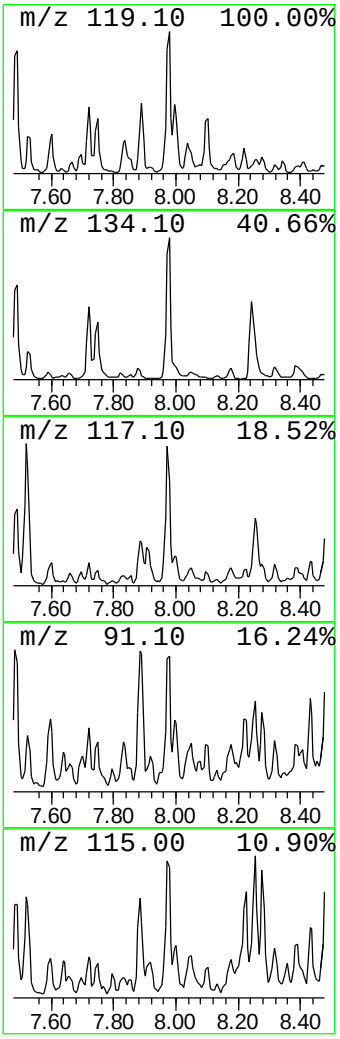
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	11.91 ng	1217900	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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TIC Library : C:\DATABASE\NIST11.L
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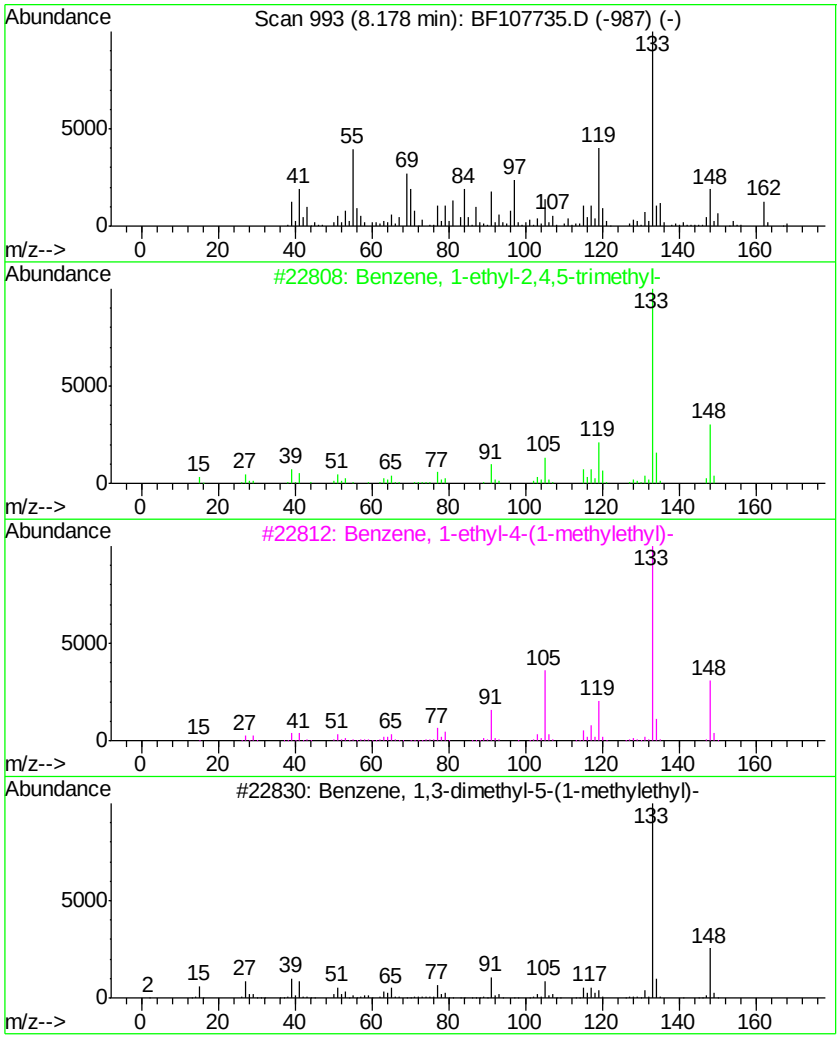
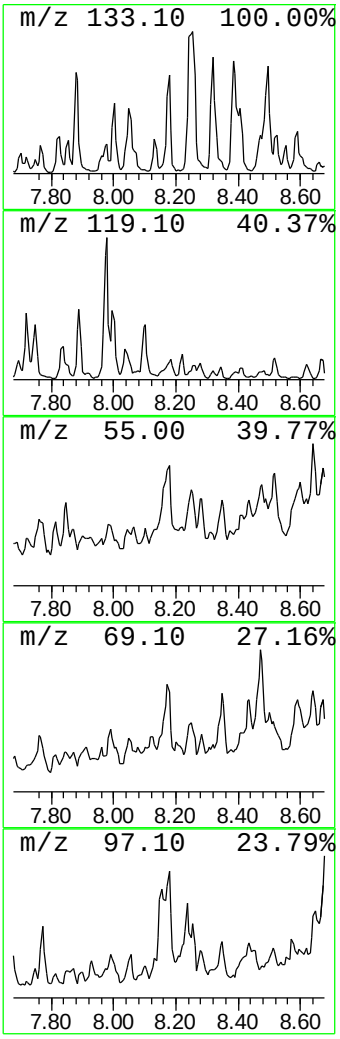
Peak Number 10 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	7.90 ng	808174	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	60
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	50
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	50
5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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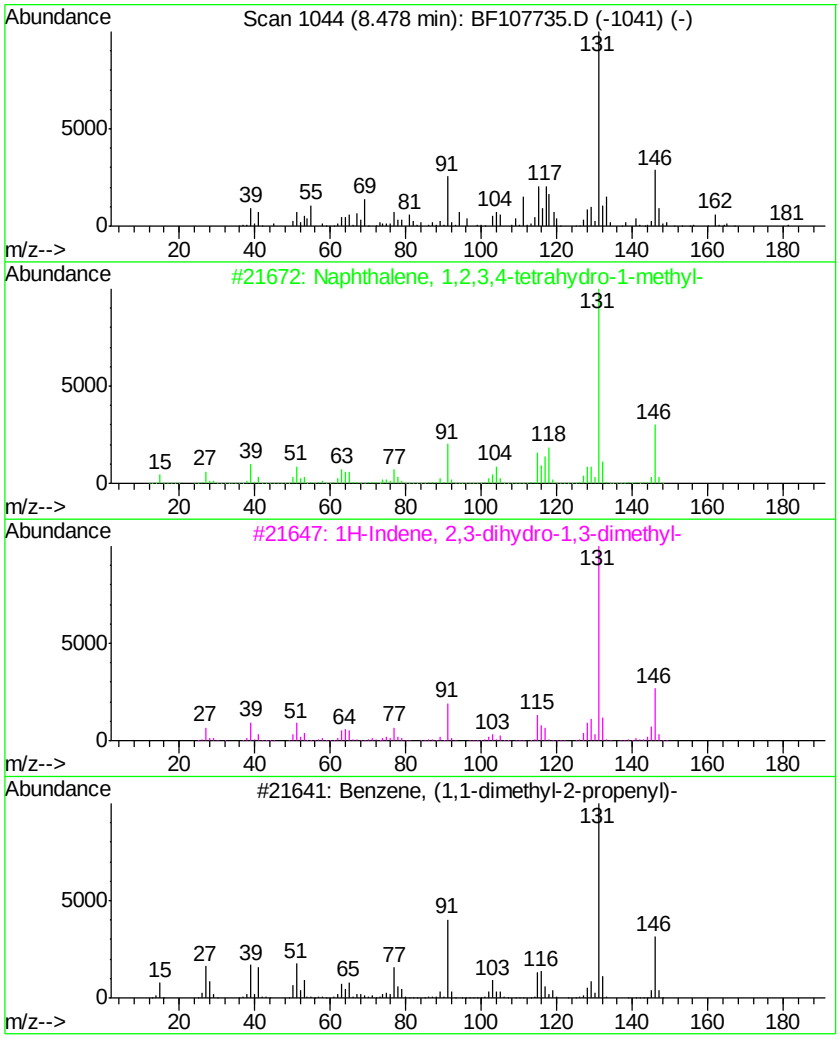
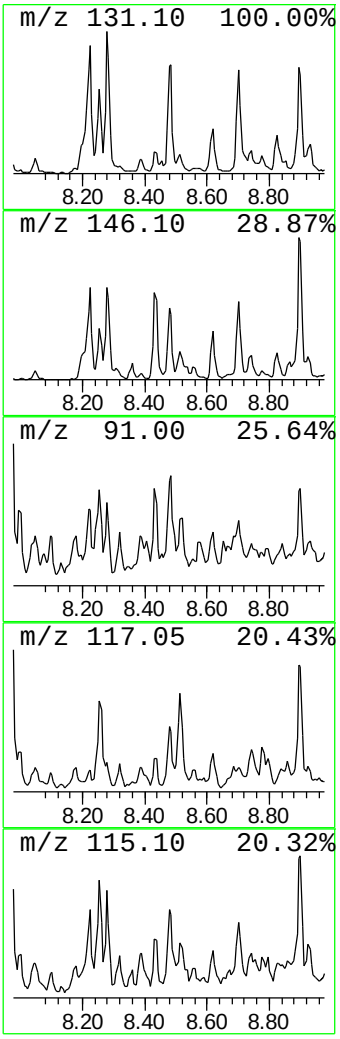
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	7.79 ng	797010	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	58
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	58





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Instrument : BNA_F
ClientSampleId : MW-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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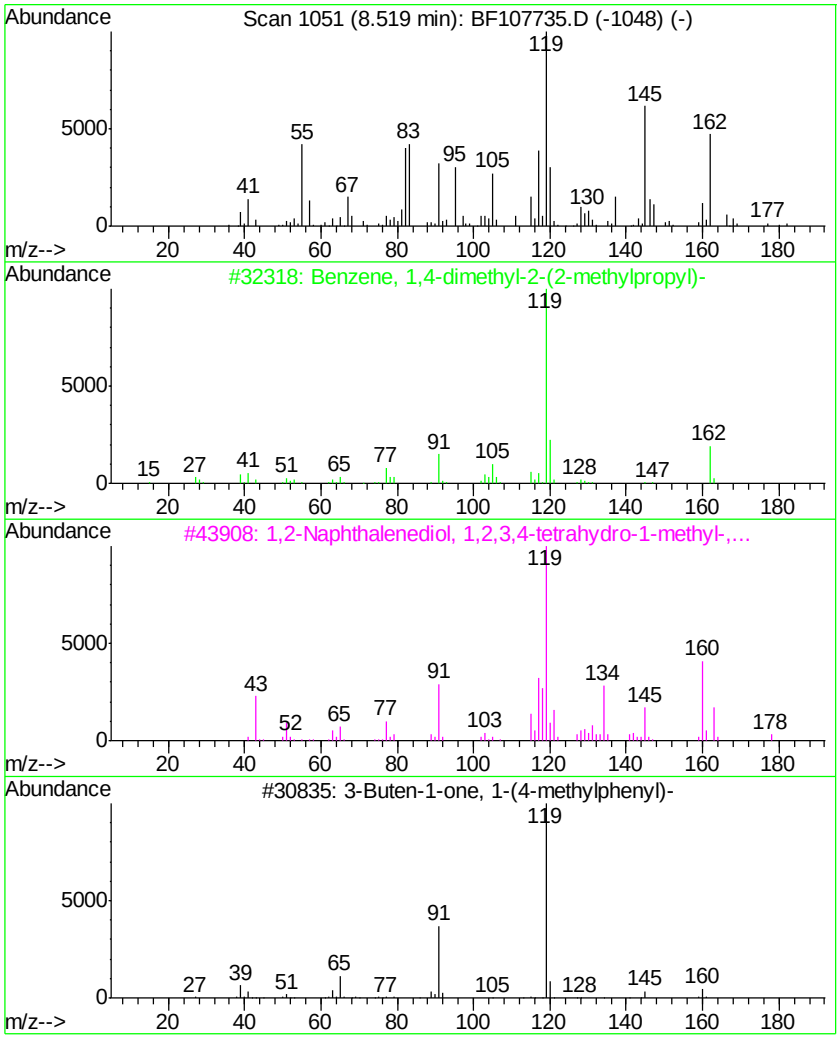
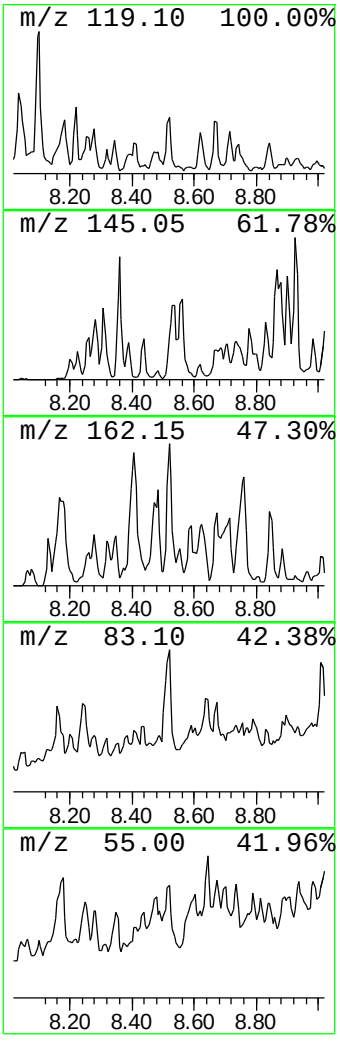
Peak Number 12 unknown8.52 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.84 ng	597625	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	27
2	1,2-Naphthalenediol, 1,2,3,4-tet...	178	C11H14O2	056588-36-4	16
3	3-Buten-1-one, 1-(4-methylphenyl)-	160	C11H12O	130649-66-0	14
4	l-Phenylalanine-, N-(p-toluoyl)-...	297	C18H19NO3	1000299-64-5	12
5	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	11





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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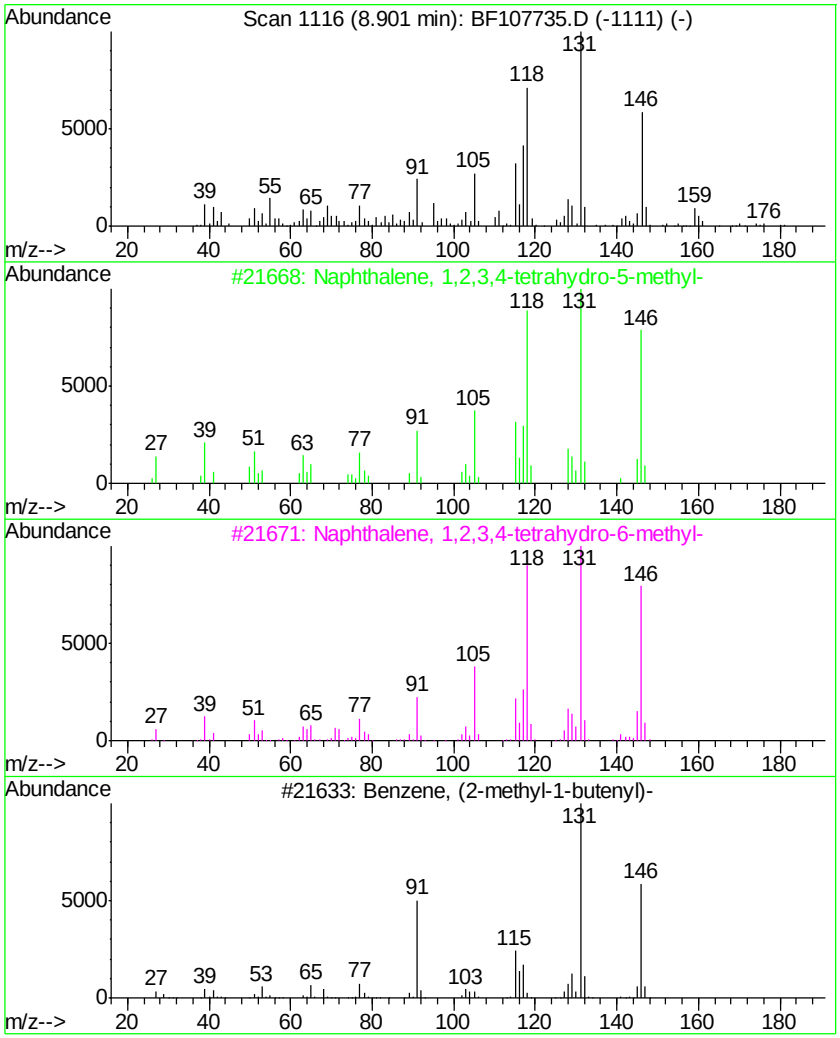
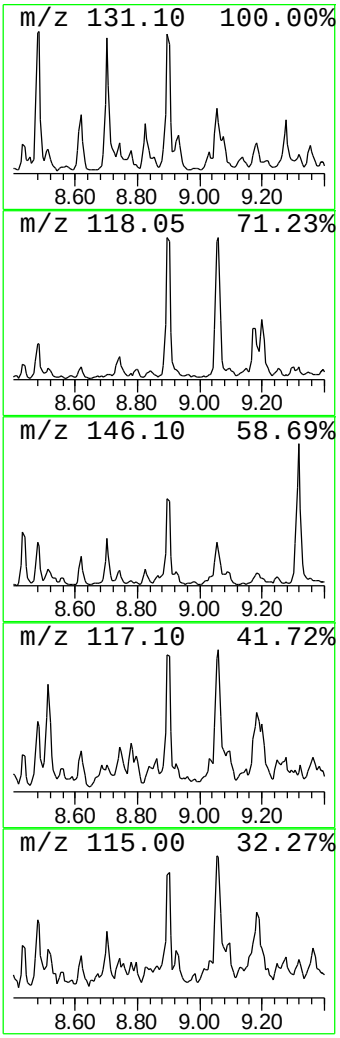
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.14 ng	934670	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	64





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ClientSampleId : MW-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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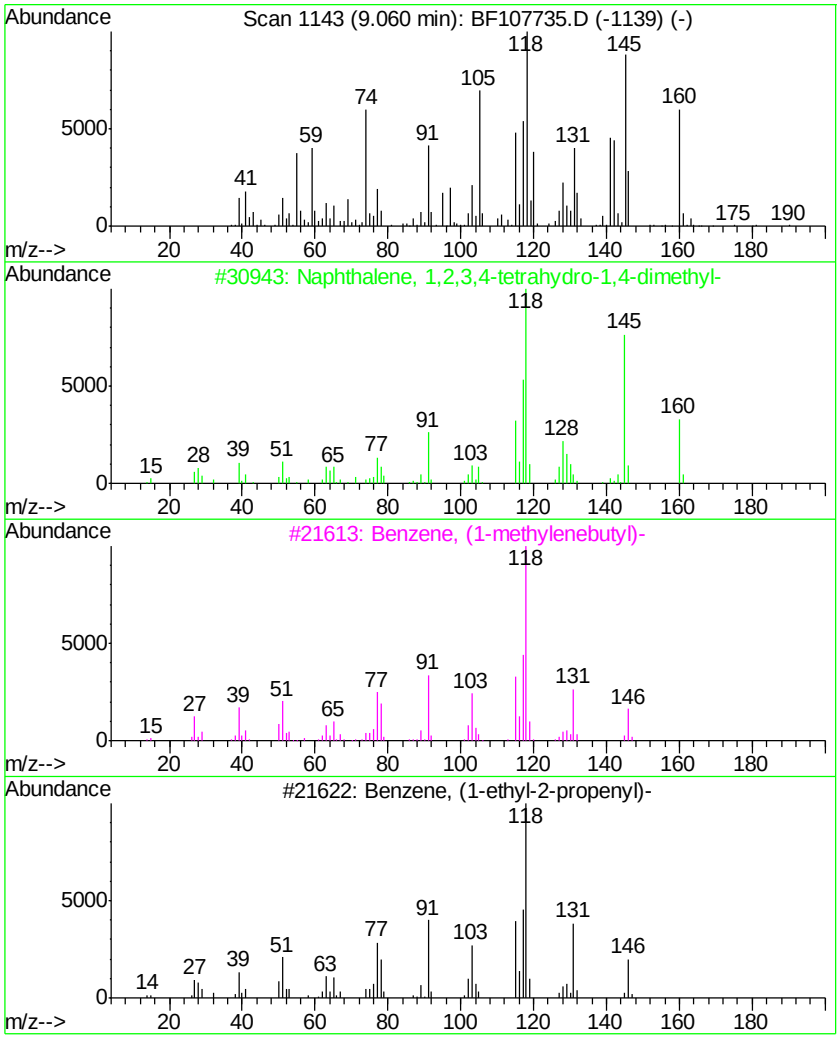
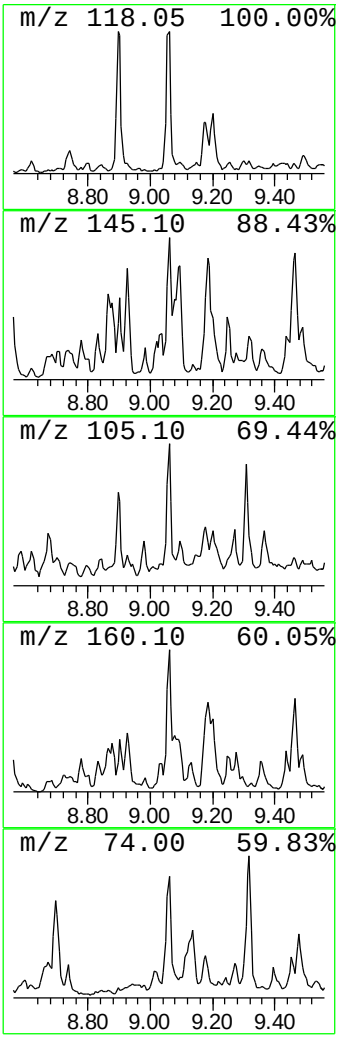
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	10.06 ng	1028830	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	92
2	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	83
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	38
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	30





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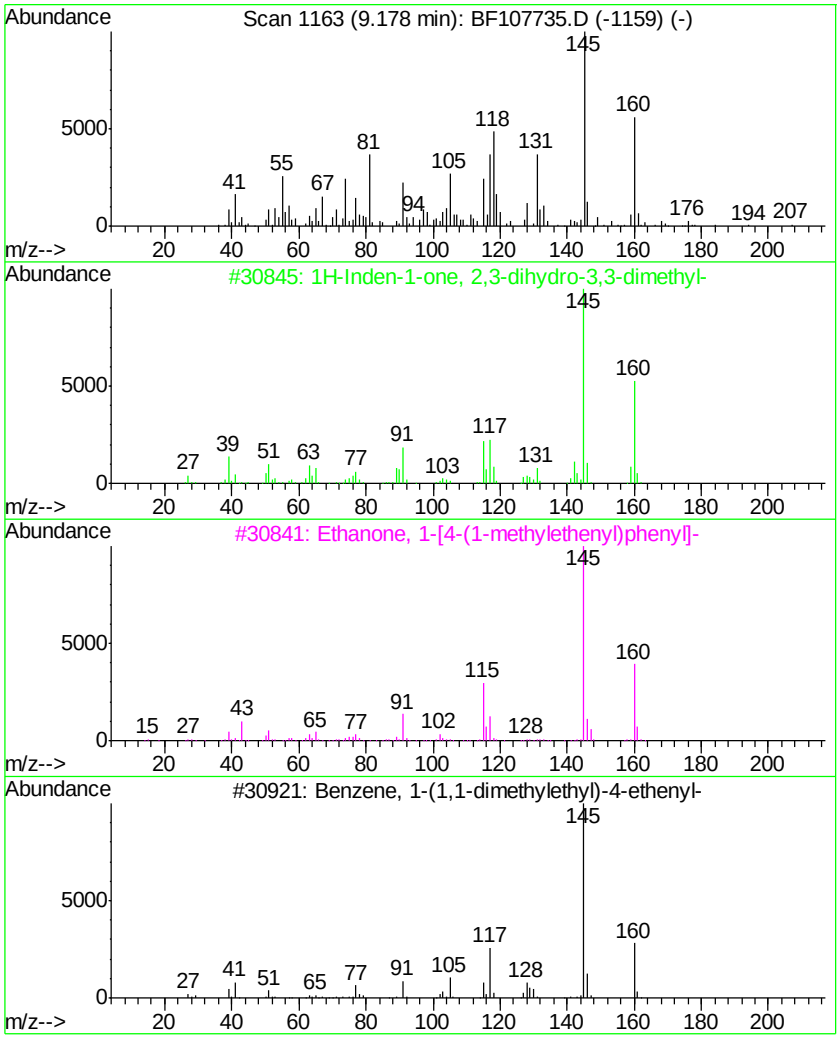
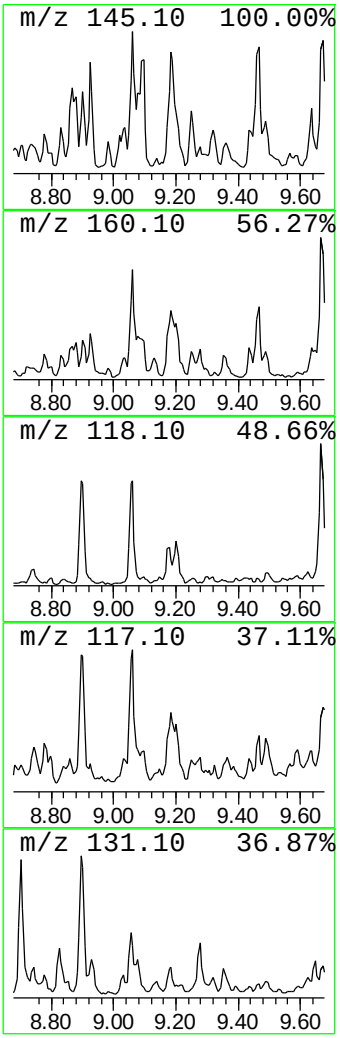
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	9.02 ng	608095	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	68
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	62
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	52
5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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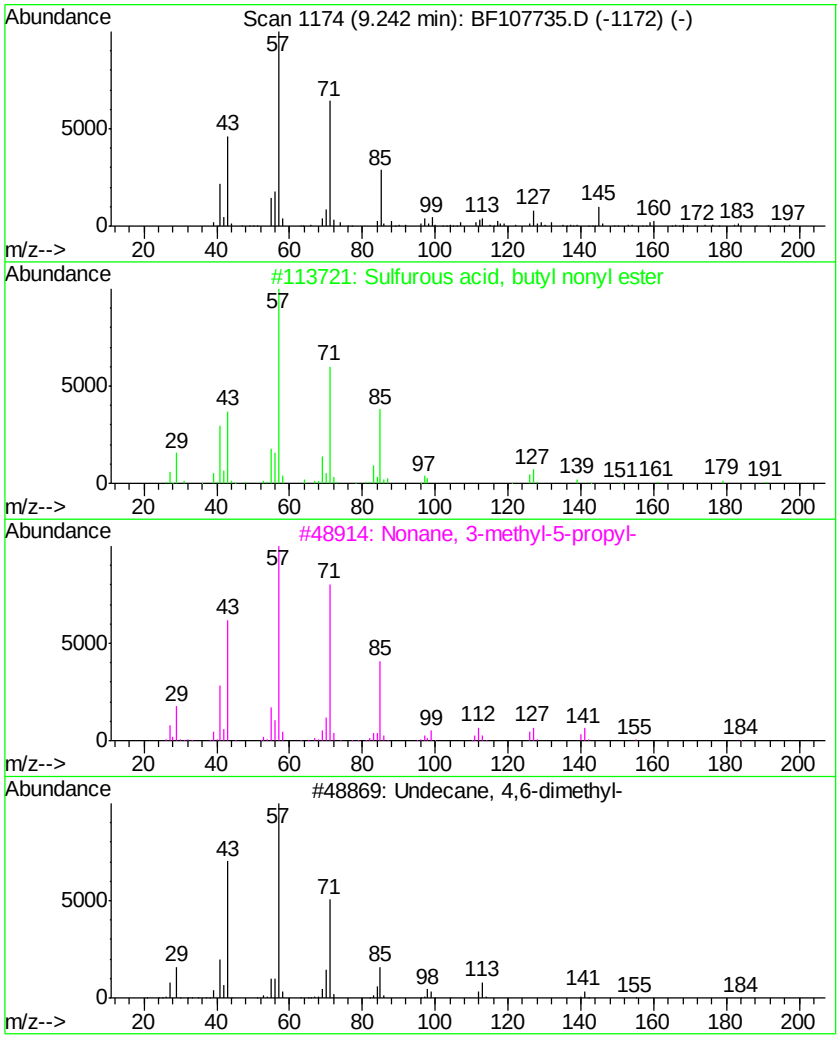
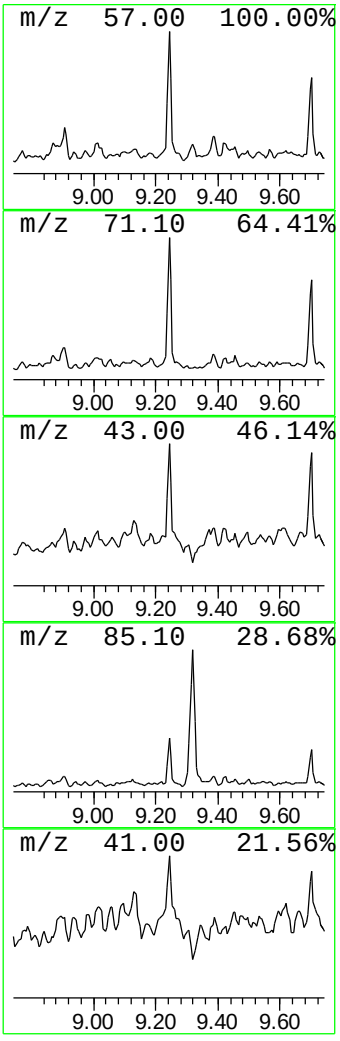
Peak Number 17 Sulfurous acid, butyl nonyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.41 ng	432411	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53





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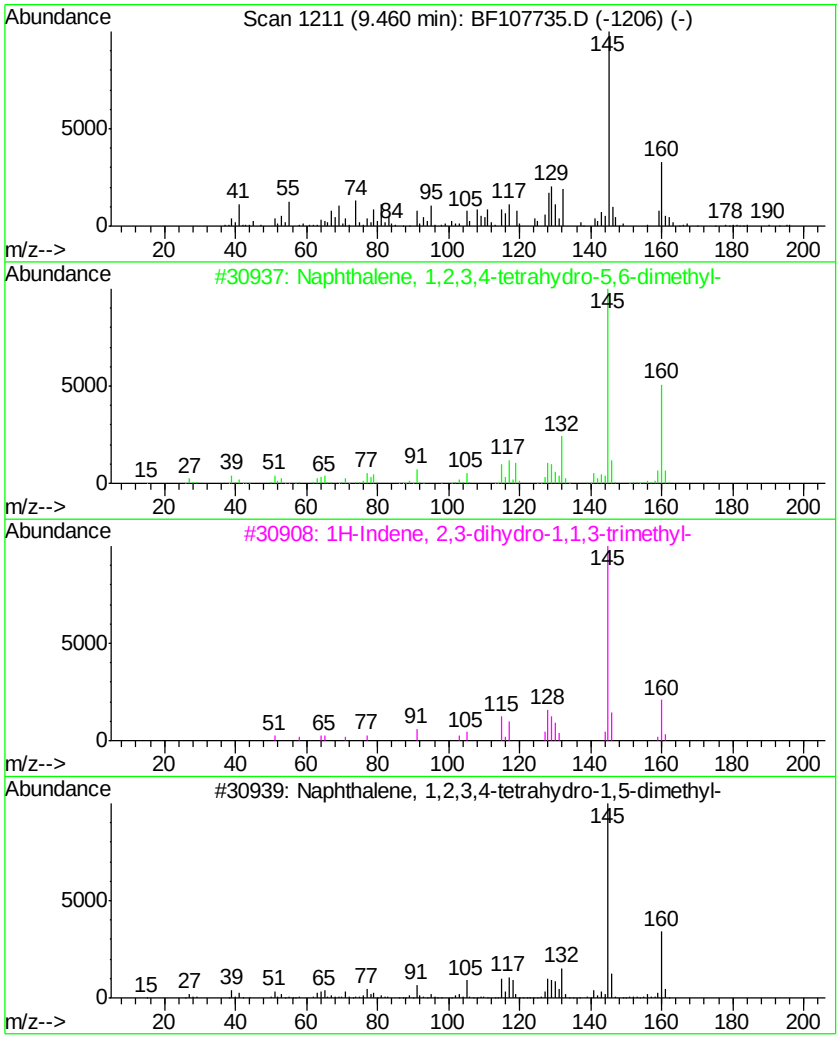
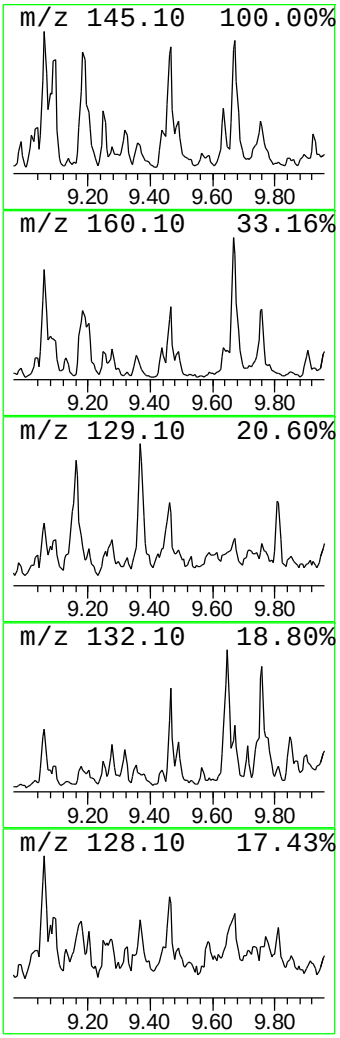
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	9.01 ng	607482	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72





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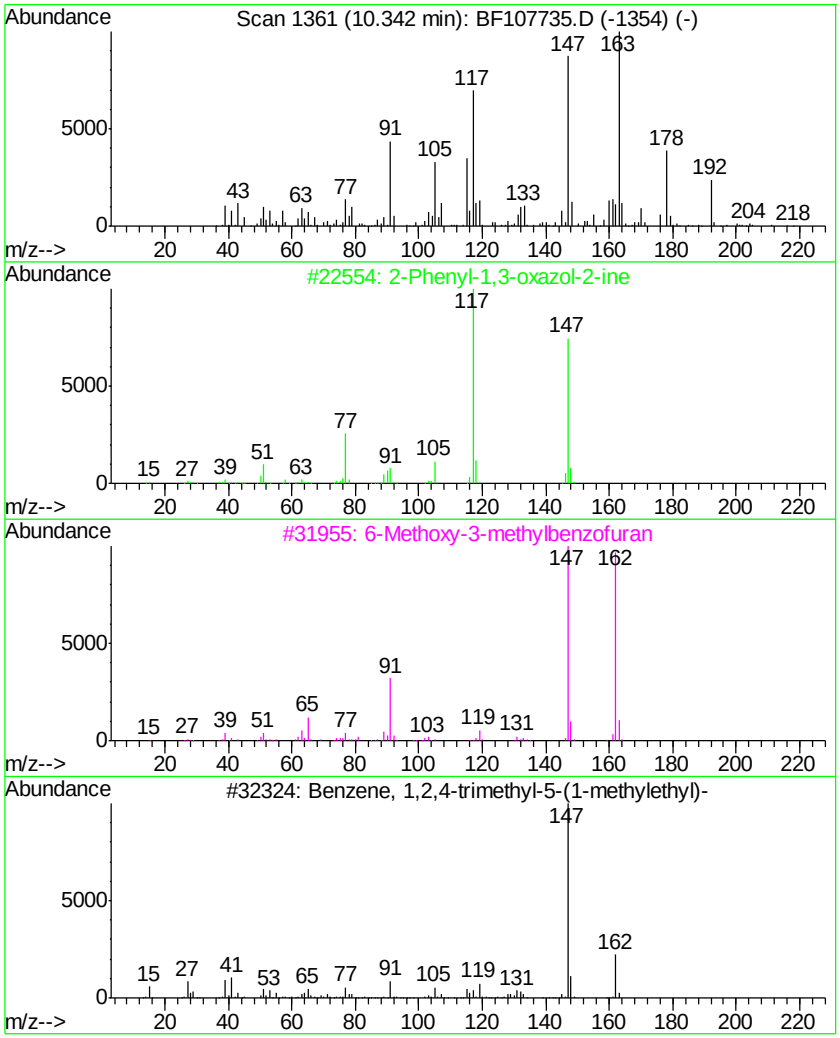
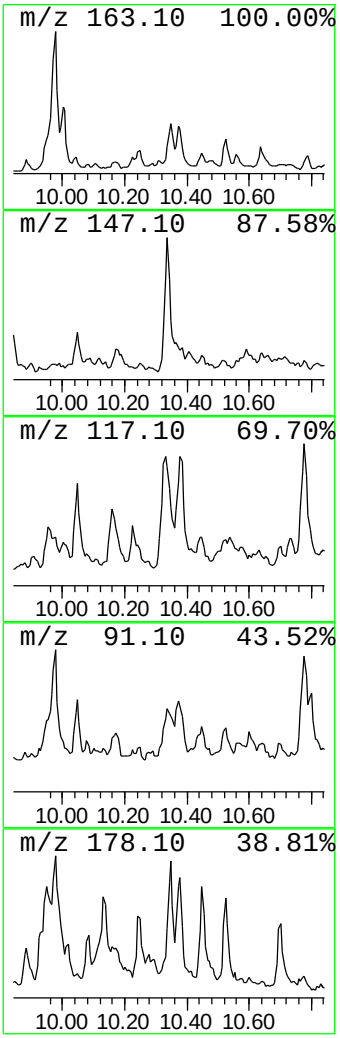
Peak Number 19 2-Phenyl-1,3-oxazol-2-ine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	10.77 ng	726226	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-1,3-oxazol-2-ine	147	C9H9NO	007127-19-7	43
2	6-Methoxy-3-methylbenzofuran	162	C10H10O2	029040-52-6	38
3	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	38
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	35
5	Benzene, hexamethyl-	162	C12H18	000087-85-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

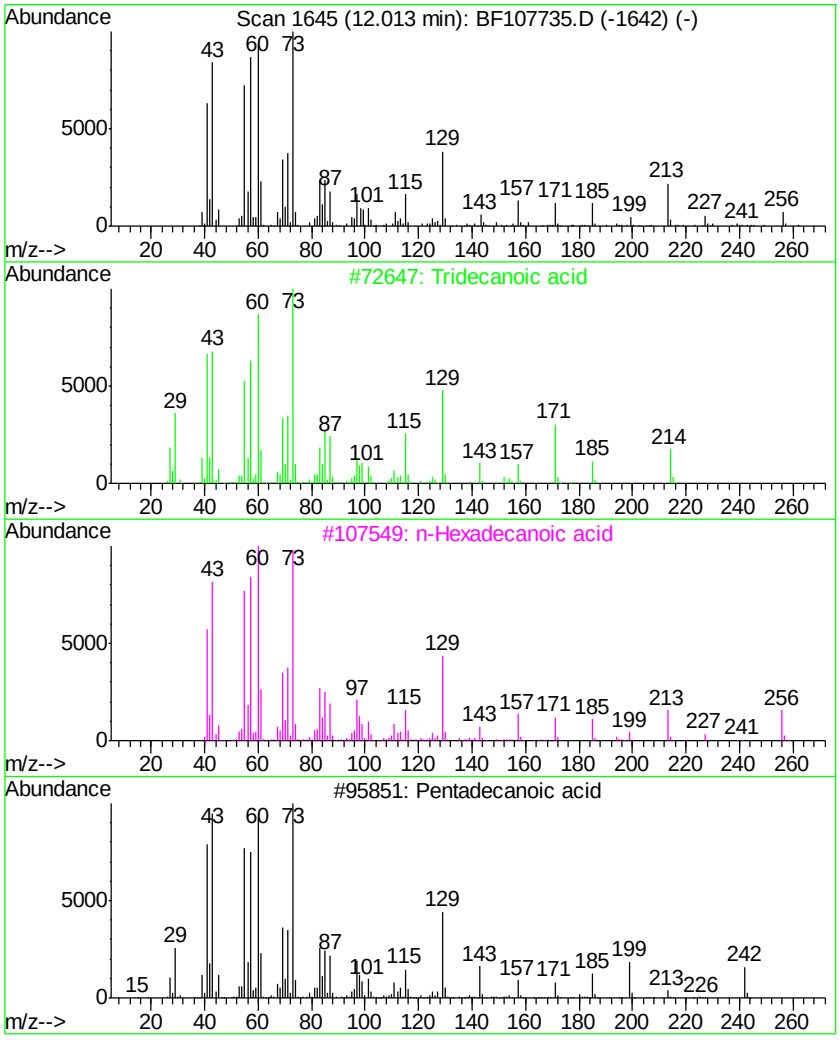
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

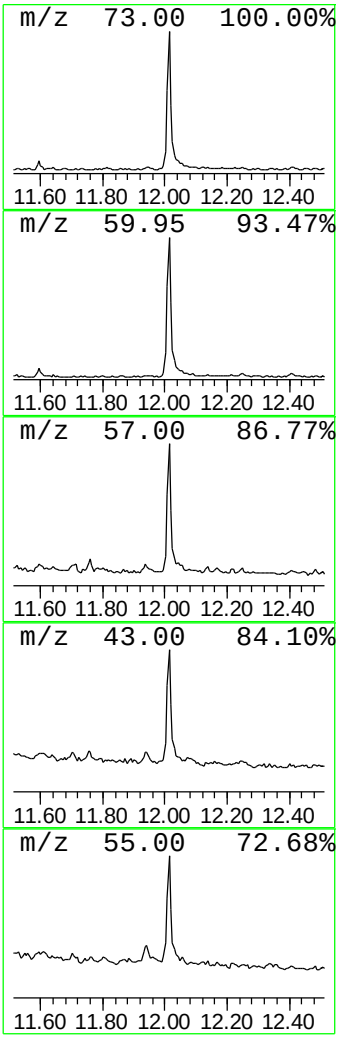
****

Peak Number 20 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	12.85 ng	686722	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107735.D
Acq On : 27 Jul 2018 8:37
Operator : JU/SJ
Sample : J4142-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
unknown5.19	5.19	6.6	ng	313632	1	6.96	949589	20.0
unknown6.74	6.74	85.7	ng	4066560	1	6.96	949589	20.0
Benzene, 1,4-diet...	7.20	5.7	ng	272541	1	6.96	949589	20.0
Benzene, 1,2-diet...	7.29	10.2	ng	485151	1	6.96	949589	20.0
Naphthalene, deca...	7.35	5.7	ng	272310	1	6.96	949589	20.0
Benzene, (1,1-dim...	7.60	10.8	ng	510559	1	6.96	949589	20.0
Benzene, 1,3-diet...	7.88	7.3	ng	743807	2	8.24	2045770	20.0
Benzene, 1,2,4,5-...	7.98	11.9	ng	1217900	2	8.24	2045770	20.0
Benzene, 1-ethyl-...	8.18	7.9	ng	808174	2	8.24	2045770	20.0
Naphthalene, 1,2,...	8.48	7.8	ng	797010	2	8.24	2045770	20.0
unknown8.52	8.52	5.8	ng	597625	2	8.24	2045770	20.0
Naphthalene, 1,2,...	8.90	9.1	ng	934670	2	8.24	2045770	20.0
Naphthalene, 1,2,...	9.06	10.1	ng	1028830	2	8.24	2045770	20.0
1H-Inden-1-one, 2...	9.18	9.0	ng	608095	3	10.00	1348610	20.0
Sulfurous acid, b...	9.24	6.4	ng	432411	3	10.00	1348610	20.0
Naphthalene, 1,2,...	9.46	9.0	ng	607482	3	10.00	1348610	20.0
2-Phenyl-1,3-oxaz...	10.34	10.8	ng	726226	3	10.00	1348610	20.0
Tridecanoic acid	12.01	12.9	ng	686722	4	11.50	1068480	20.0