LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109252.D
Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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-BF092218.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	4.904	476	479	489	rVB	79346	112413	4.00%	0.244%
2	5.322	544	550	553	rBV	2429897	2621512	93.34%	5.694%
3	6.345	719	724	727	rBV	2373389	2788498	99.29%	6.056%
4	6.481	739	747	750	rBV	2708228	2808573	100.00%	6.100%
5	6.704	782	785	788	rBV	751867	659245	23.47%	1.432%
6	6.739	788	791	794	rVB	121752	99412	3.54%	0.216%
7	6.863	808	812	816	rVB	2379279	2178195	77.56%	4.731%
8	6.998	830	835	838	rVB2	69649	79229	2.82%	0.172%
9	7.063	843	846	850	rBV	79305	76259	2.72%	0.166%
10	7.110	850	854	857	rBV	96553	87196	3.10%	0.189%
11	7.269	871	881	884	rBV	1914296	1850610	65.89%	4.019%
12	7.363	892	897	901	rBV4	67583	103092	3.67%	0.224%
13	7.434	906	909	911	rVB2	61531	58456	2.08%	0.127%
14	7.504	919	921	927	rVB3	129907	176777	6.29%	0.384%
15	7.622	936	941	948	rVB6	115912	225277	8.02%	0.489%
16	7.686	948	952	955	rBV2	157039	184653	6.57%	0.401%
17	7.722	955	958	962	rVV3	109990	137985	4.91%	0.300%
18	7.757	962	964	969	rVV4	109114	141001	5.02%	0.306%
19	7.798	969	971	973	rVV	105076	93018	3.31%	0.202%
20	7.822	973	975	980	rVB3	75415	87936	3.13%	0.191%
21	7.939	992	995	996	rBV	94648	70284	2.50%	0.153%
22	7.986	999	1003	1006	rVV	1055283	953608	33.95%	2.071%
23	8.028	1006	1010	1011	rVV4	66265	75994	2.71%	0.165%
24	8.069	1014	1017	1019	rVB	642875	455389	16.21%	0.989%
25	8.122	1024	1026	1028	rVB2	111931	88542	3.15%	0.192%
26	8.169	1028	1034	1036	rBV4	117030	180860	6.44%	0.393%
27	8.204	1037	1040	1043	rVB2	150095	134687	4.80%	0.293%
28	8.292	1050	1055	1058	rBV4	313517	415731	14.80%	0.903%
29	8.351	1062	1065	1067	rBV3	179961	160411	5.71%	0.348%
30	8.386	1067	1071	1074	rVB4	103201	132938	4.73%	0.289%
31	8.428	1075	1078	1082	rBV	570352	594185	21.16%	1.291%
32	8.498	1088	1090	1093	rBV3	145387	138026	4.91%	0.300%
33	8.539	1094	1097	1099	rBV3	189799	209145	7.45%	0.454%
34	8.604	1104	1108	1110	rBV3	112499	167455	5.96%	0.364%

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Sample : J5017-07
Misc :
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Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.692	1120	1123	1126	rVB3	480150	549148	19.55%	1.193%
36	8.739	1128	1131	1133	rBV2	117673	117461	4.18%	0.255%
37	8.798	1138	1141	1145	rVB4	179458	268679	9.57%	0.584%
38	8.833	1145	1147	1149	rBV3	97160	75449	2.69%	0.164%
39	8.880	1152	1155	1157	rBV2	216341	204006	7.26%	0.443%
40	8.910	1157	1160	1162	rVB3	294656	302915	10.79%	0.658%
41	8.986	1171	1173	1175	rVB3	102386	63381	2.26%	0.138%
42	9.028	1177	1180	1183	rVB	1027995	821561	29.25%	1.784%
43	9.069	1183	1187	1190	rBV	3299972	2730826	97.23%	5.931%
44	9.175	1199	1205	1206	rBV4	415517	697418	24.83%	1.515%
45	9.192	1206	1208	1215	rVV4	521870	716741	25.52%	1.557%
46	9.275	1218	1222	1226	rVB4	310923	340579	12.13%	0.740%
47	9.328	1227	1231	1233	rBV2	264004	387520	13.80%	0.842%
48	9.404	1237	1244	1246	rBV3	443983	711044	25.32%	1.544%
49	9.428	1246	1248	1251	rVV	219785	226952	8.08%	0.493%
50	9.457	1251	1253	1255	rVV	790891	666712	23.74%	1.448%
51	9.486	1255	1258	1260	rVB	1104401	920767	32.78%	2.000%
52	9.516	1260	1263	1265	rBV4	212072	245736	8.75%	0.534%
53	9.569	1270	1272	1274	rVB3	257865	170935	6.09%	0.371%
54	9.592	1274	1276	1279	rBV3	217659	235775	8.39%	0.512%
55	9.663	1285	1288	1290	rVB2	457907	358568	12.77%	0.779%
56	9.739	1297	1301	1305	rBV3	1035518	1317343	46.90%	2.861%
57	9.986	1340	1343	1345	rVB	568746	478725	17.05%	1.040%
58	10.016	1345	1348	1353	rBV4	874432	754270	26.86%	1.638%
59	10.063	1353	1356	1358	rBV	619567	631747	22.49%	1.372%
60	10.086	1358	1360	1362	rVB3	368120	293381	10.45%	0.637%
61	10.139	1367	1369	1370	rBV	294986	240547	8.56%	0.522%
62	10.286	1392	1394	1396	rBV2	382376	309055	11.00%	0.671%
63	10.316	1396	1399	1401	rVV4	483752	547795	19.50%	1.190%
64	10.416	1412	1416	1419	rBV2	1505220	1622522	57.77%	3.524%
65	10.492	1427	1429	1431	rBV3	277578	282031	10.04%	0.613%
66	10.527	1431	1435	1439	rVB4	1449196	1655369	58.94%	3.595%
67	10.569	1440	1442	1444	rVB2	371237	321291	11.44%	0.698%
68	10.680	1458	1461	1468	rVB	2152188	2209176	78.66%	4.798%
69	10.733	1468	1470	1472	rBV	625442	488534	17.39%	1.061%
70	11.151	1537	1541	1546	rVB	2534598	2750620	97.94%	5.974%
71	11.504	1598	1601	1604	rVB	1032330	1061476	37.79%	2.305%

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Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-061

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.821	1823	1825	1835	rVB2	1428439	1919885	68.36%	4.170%

Sum of corrected areas: 46042532

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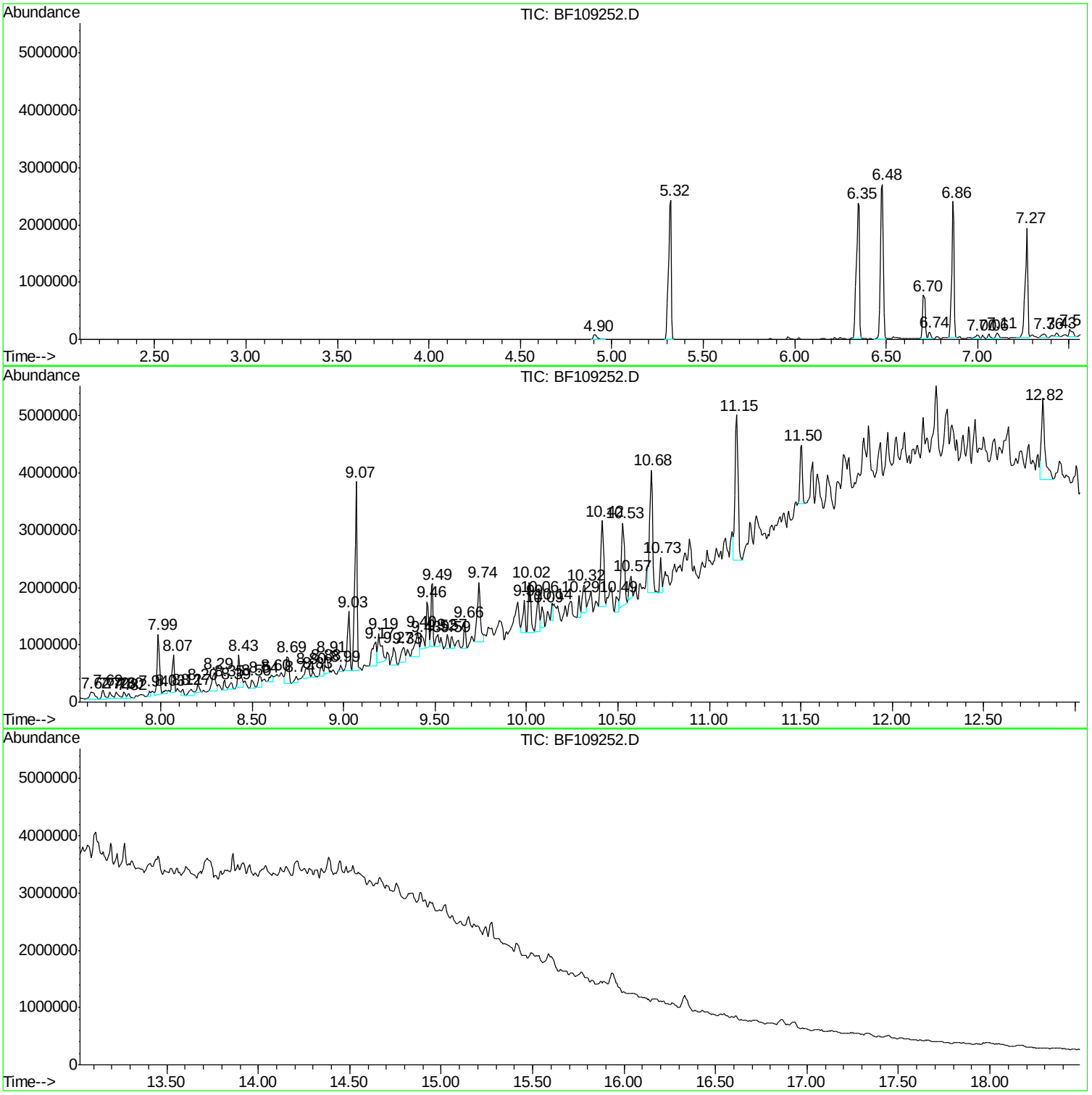
Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
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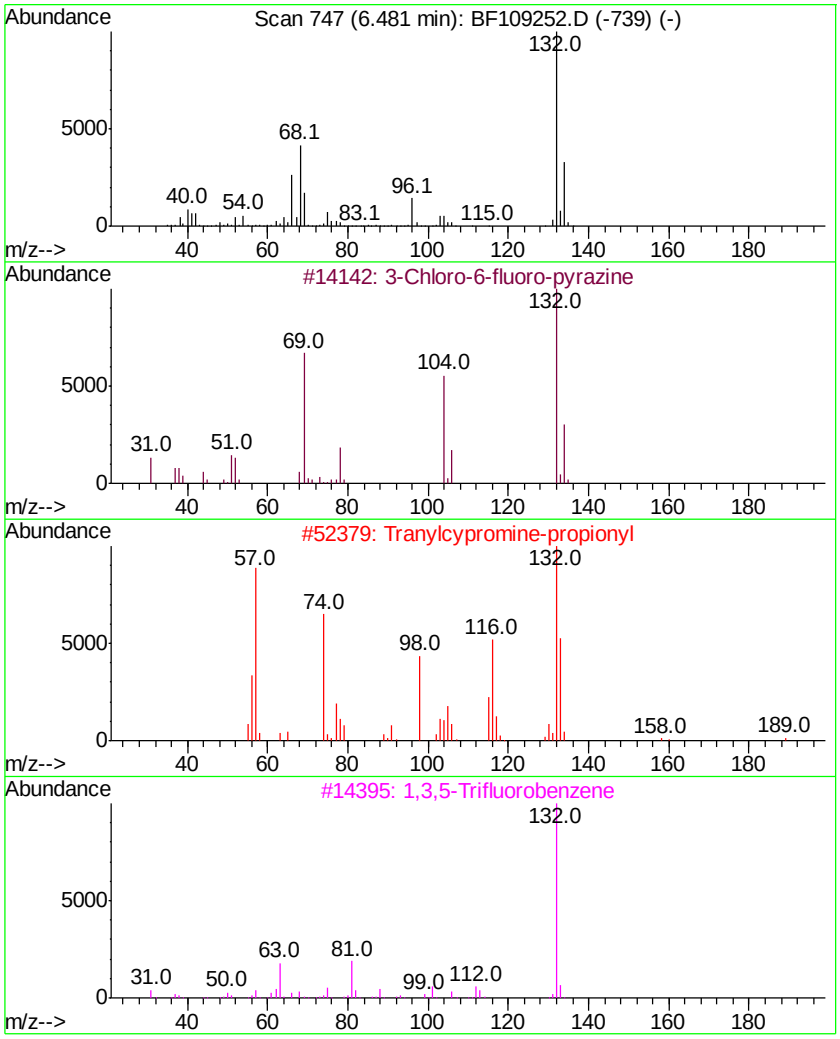
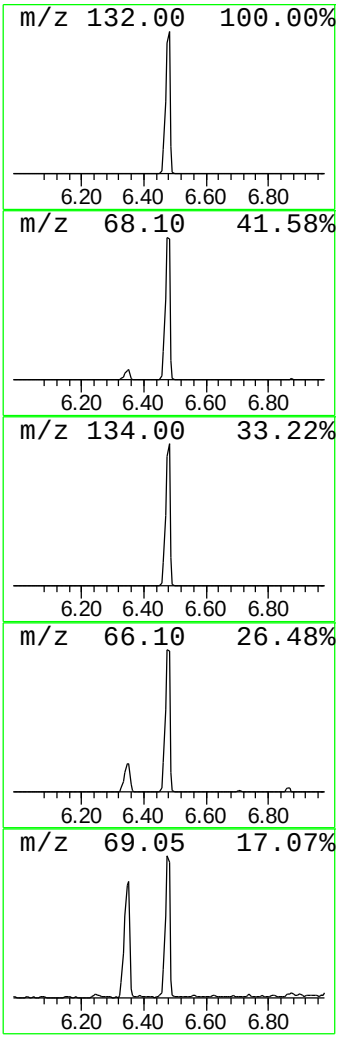
****

Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	85.21 ng	2808570	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
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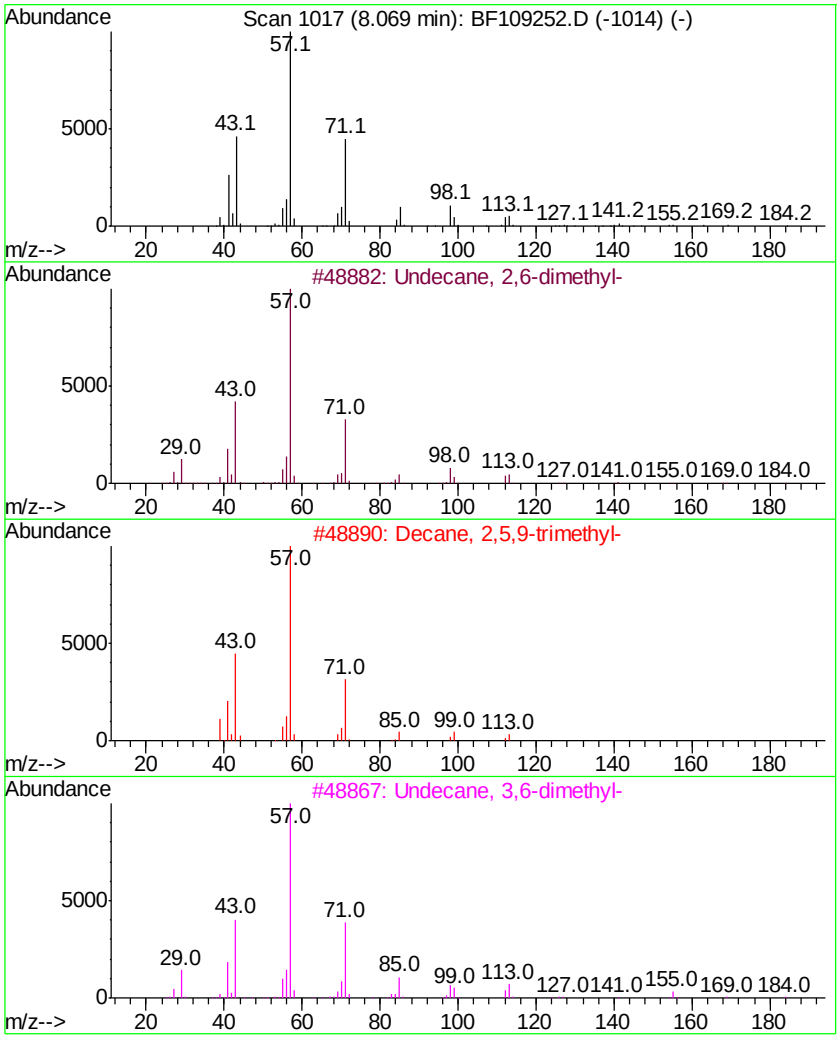
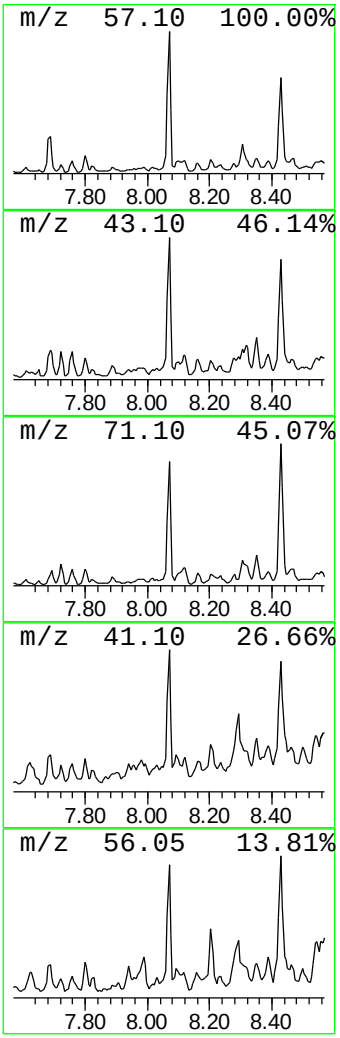
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	9.55 ng	455389	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





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Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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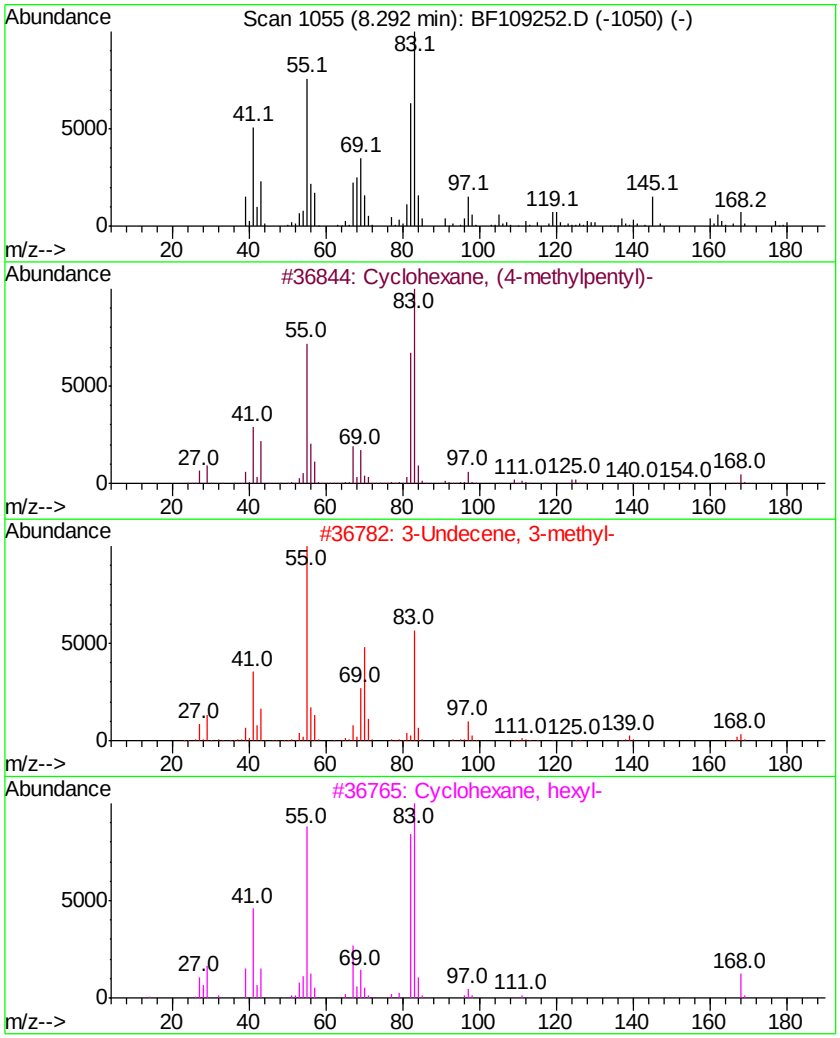
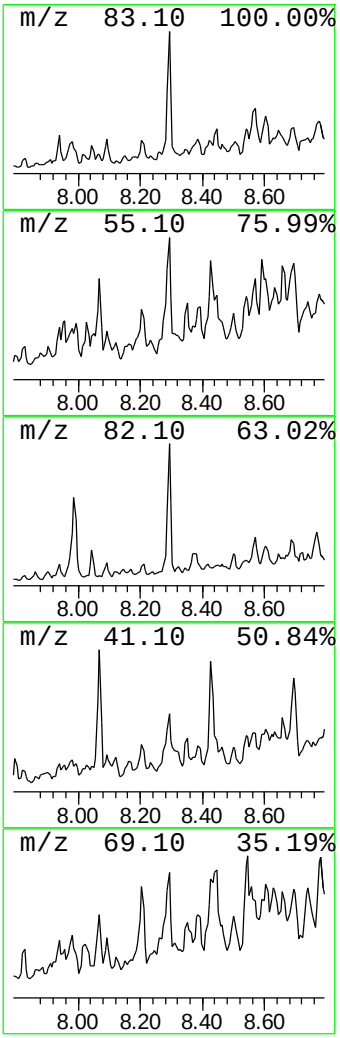
****

Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	8.72 ng	415731	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	80
2	3-Undecene, 3-methyl-	168	C12H24	023381-94-4	43
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	35
5	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	35





Library Search Compound Report

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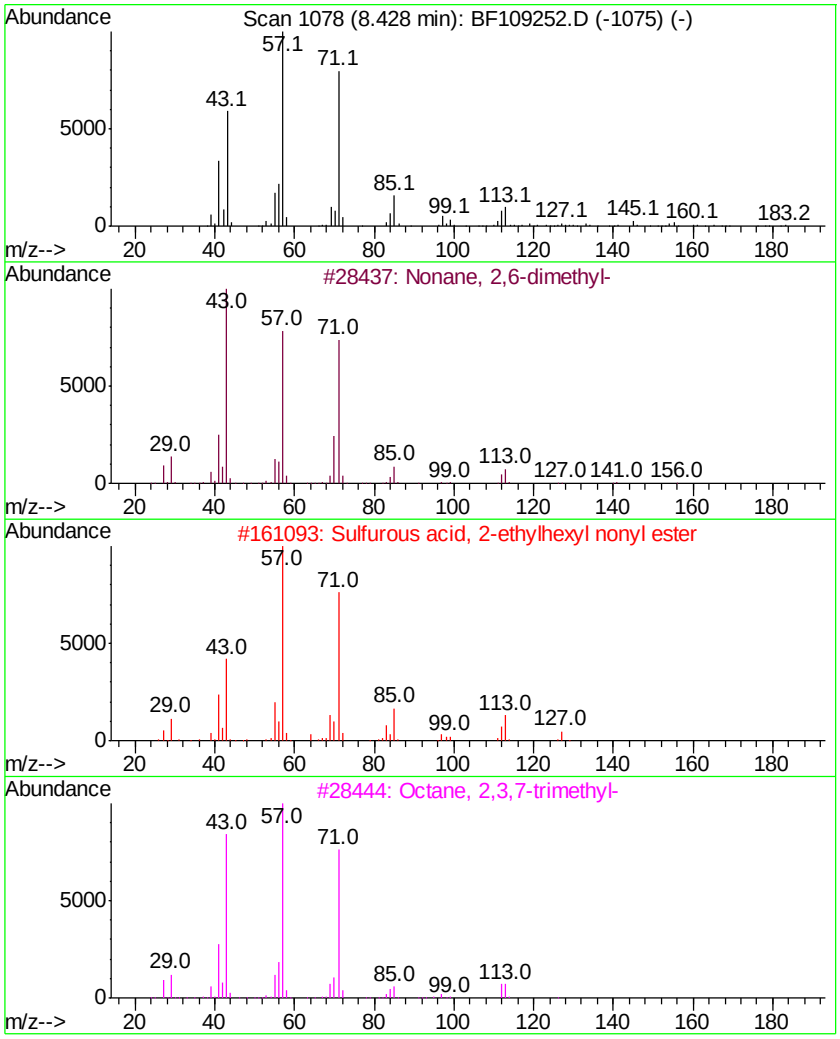
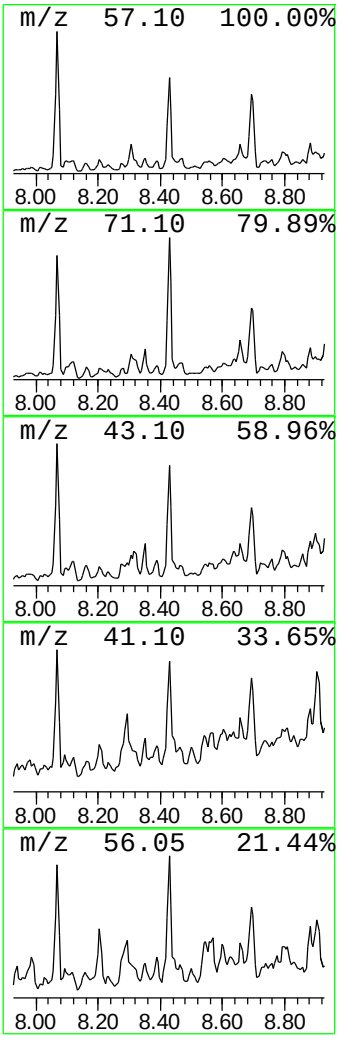
Peak Number 5 Nonane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	12.46 ng	594185	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





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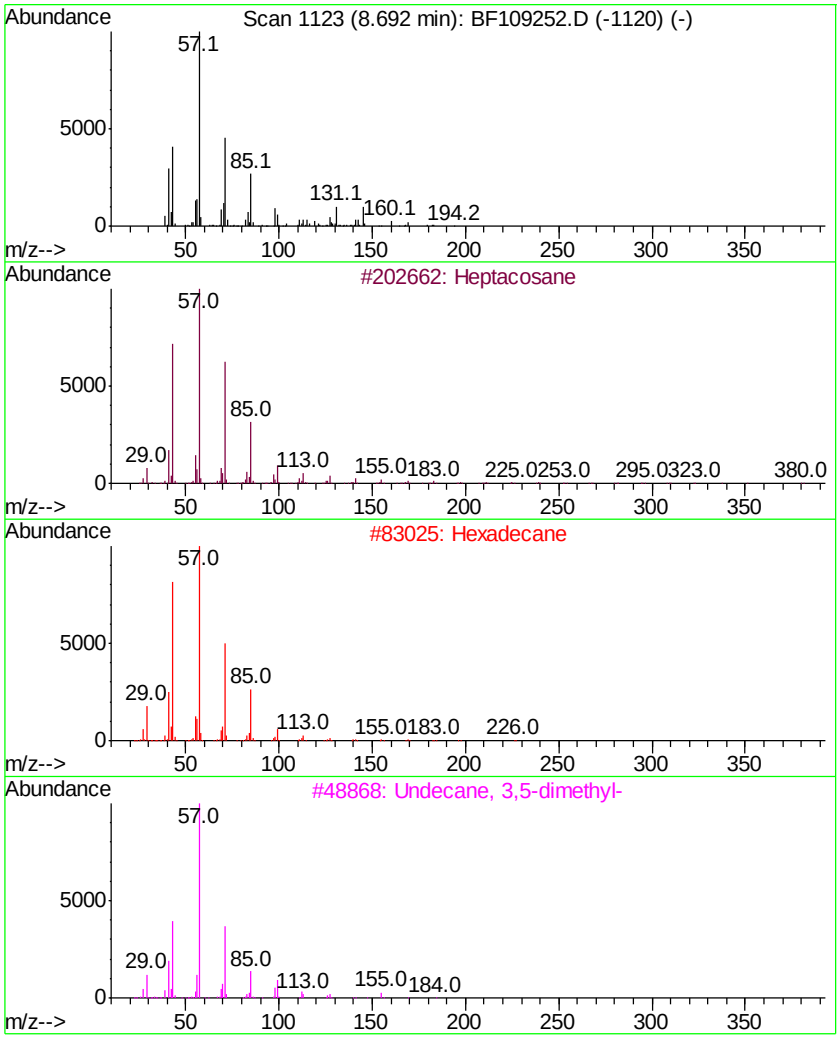
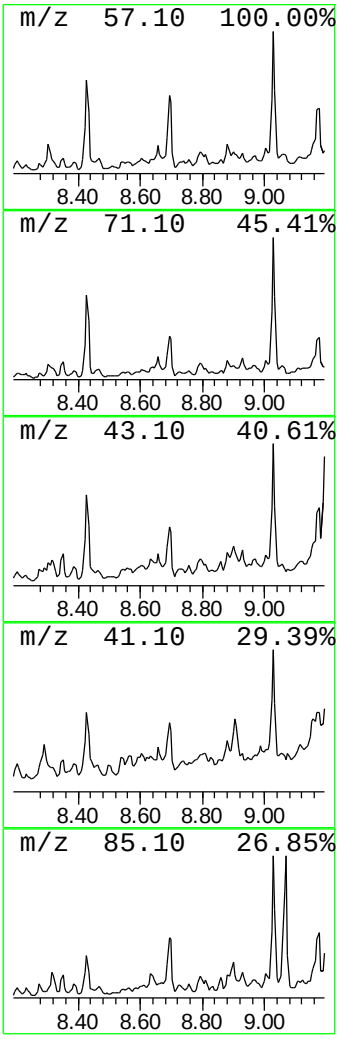
****

Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	11.52 ng	549148	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	59
2	Hexadecane	226	C16H34	000544-76-3	53
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	47





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Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

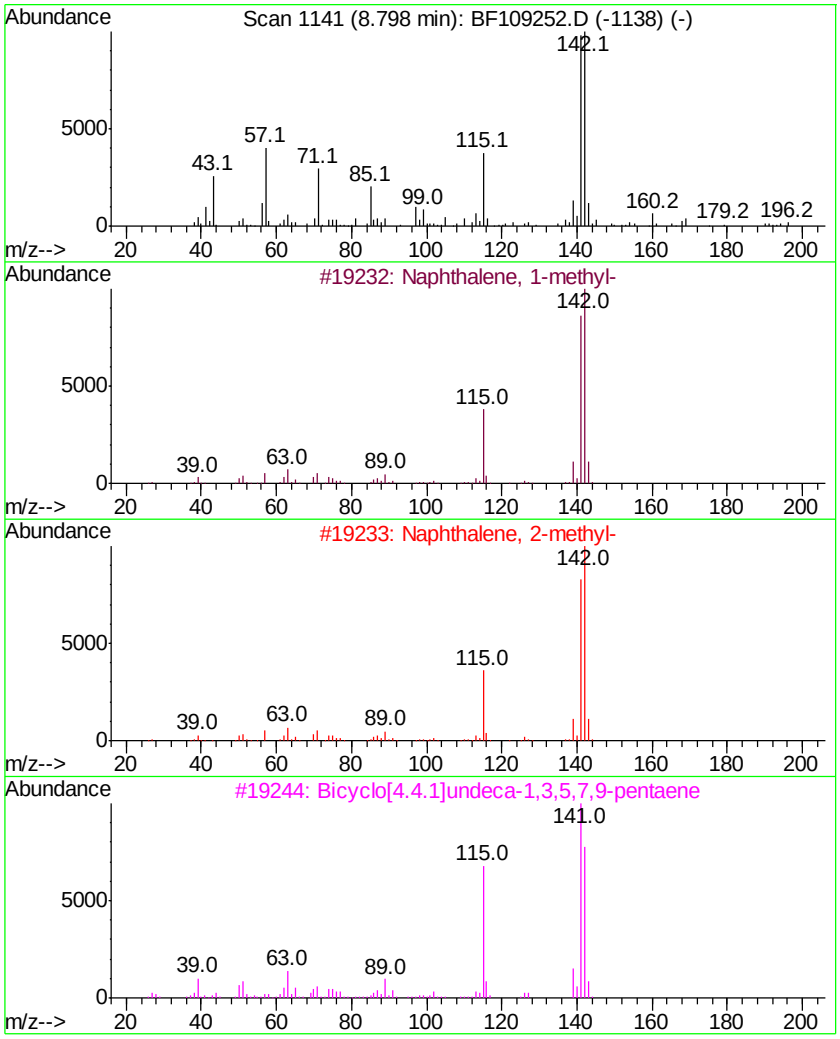
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

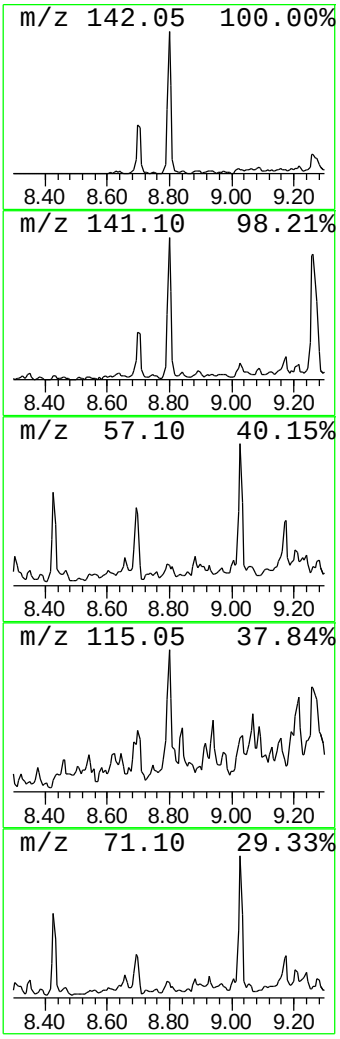
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	5.64 ng	268679	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	76
4	Benzocycloheptatriene	142	C11H10	000264-09-5	76
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64





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Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

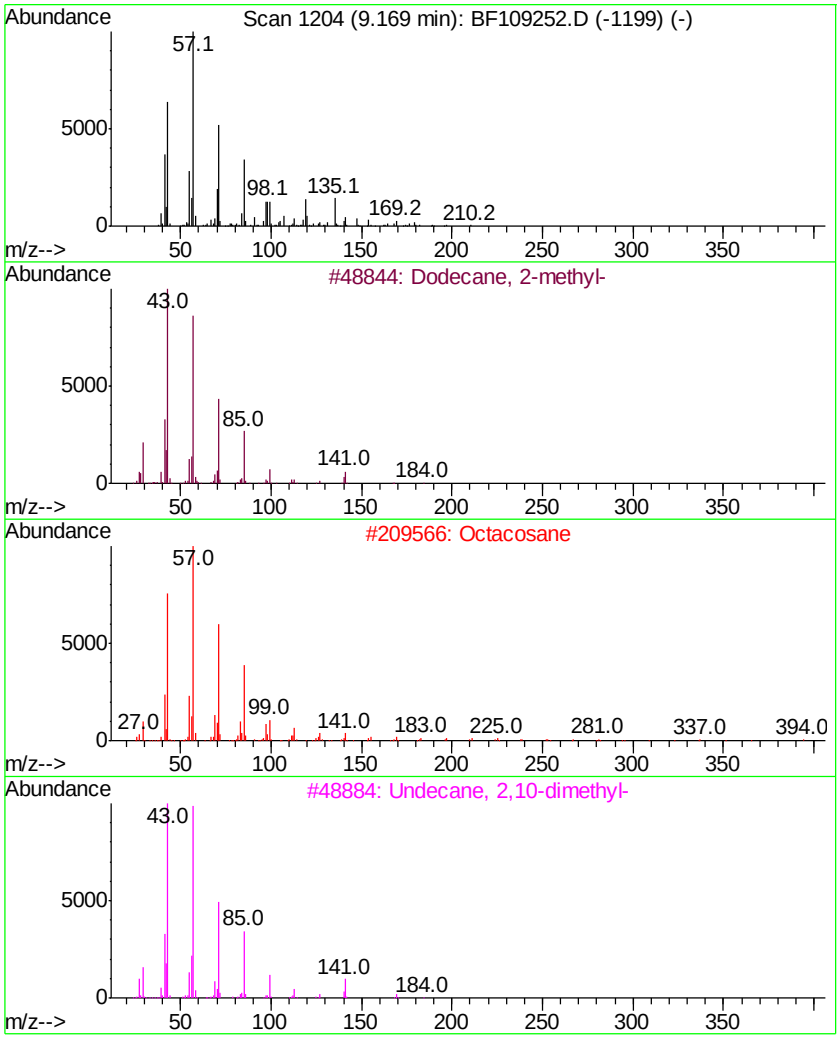
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

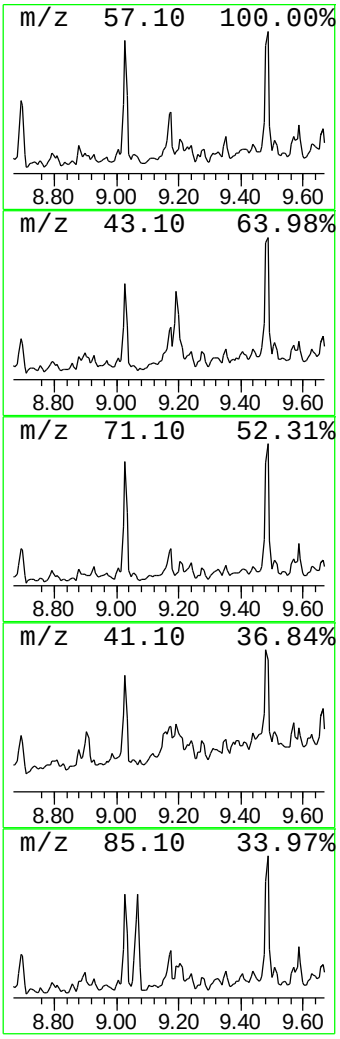
****

Peak Number 8 unknown9.17 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	10.59 ng	697418	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	49
2	Octacosane	394	C28H58	000630-02-4	47
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	47
4	Hexadecane	226	C16H34	000544-76-3	46
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43





Library Search Compound Report

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Data File : BF109252.D
Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

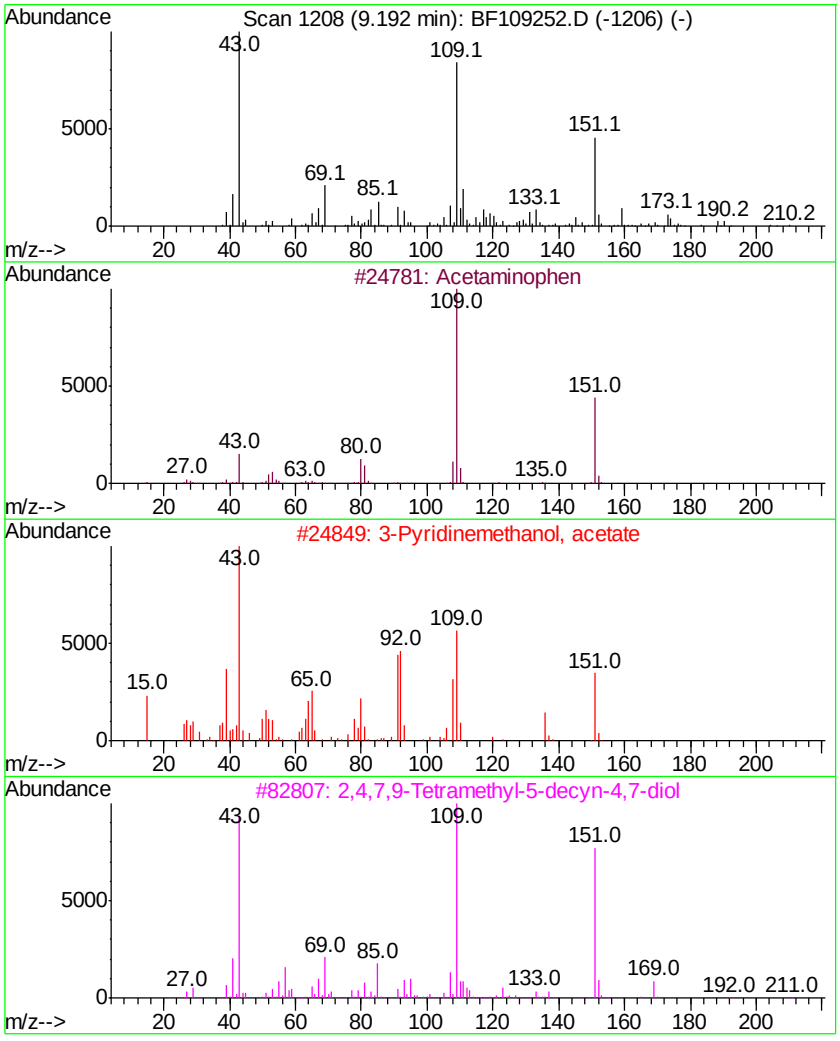
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

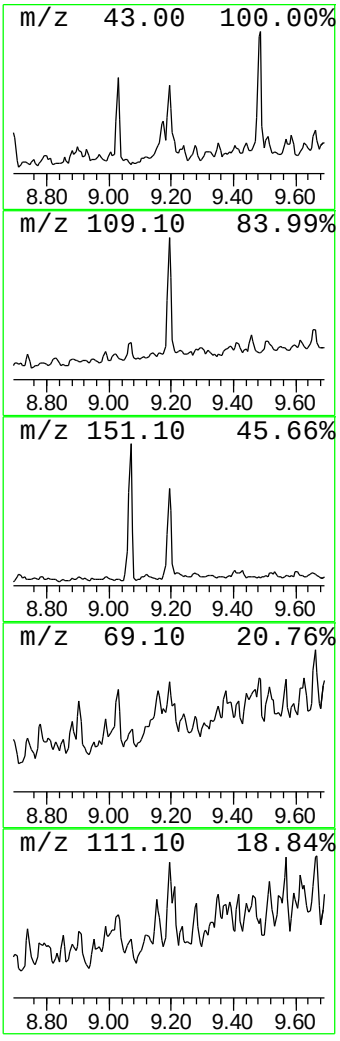
****

Peak Number 9 Acetaminophen Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	10.88 ng	716741	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaminophen	151	C8H9NO2	000103-90-2	53
2	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	53
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50
4	2-Fluorobenzyl bromide	188	C7H6BrF	000446-48-0	43
5	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	38





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Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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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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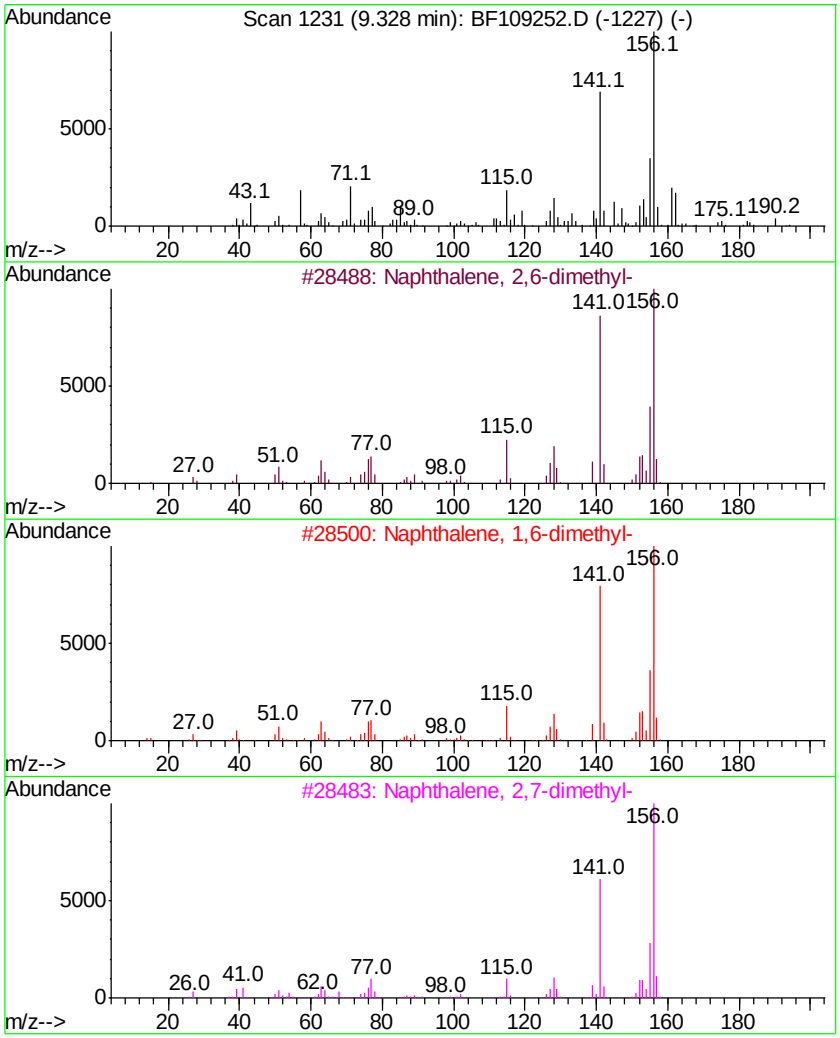
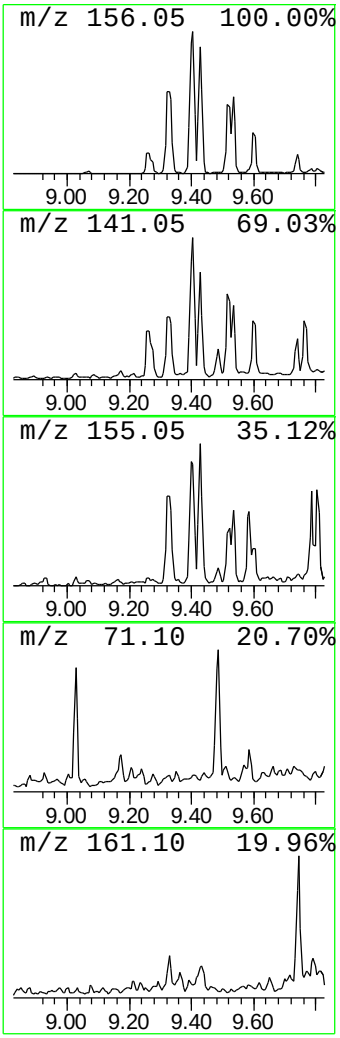
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.88 ng	387520	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	92
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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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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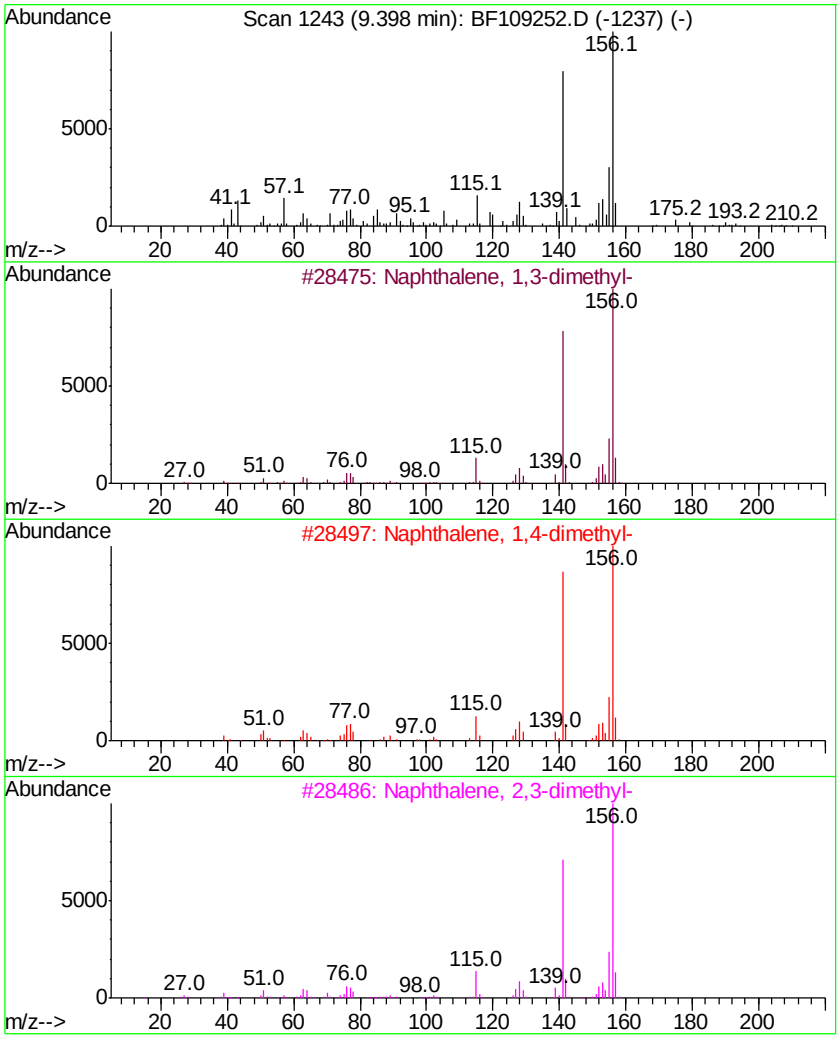
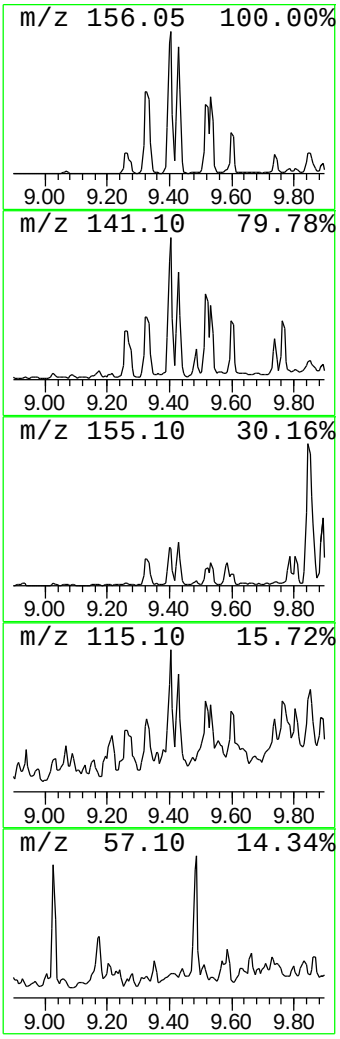
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	10.80 ng	711044	Acenaphthene-d10	9.74

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	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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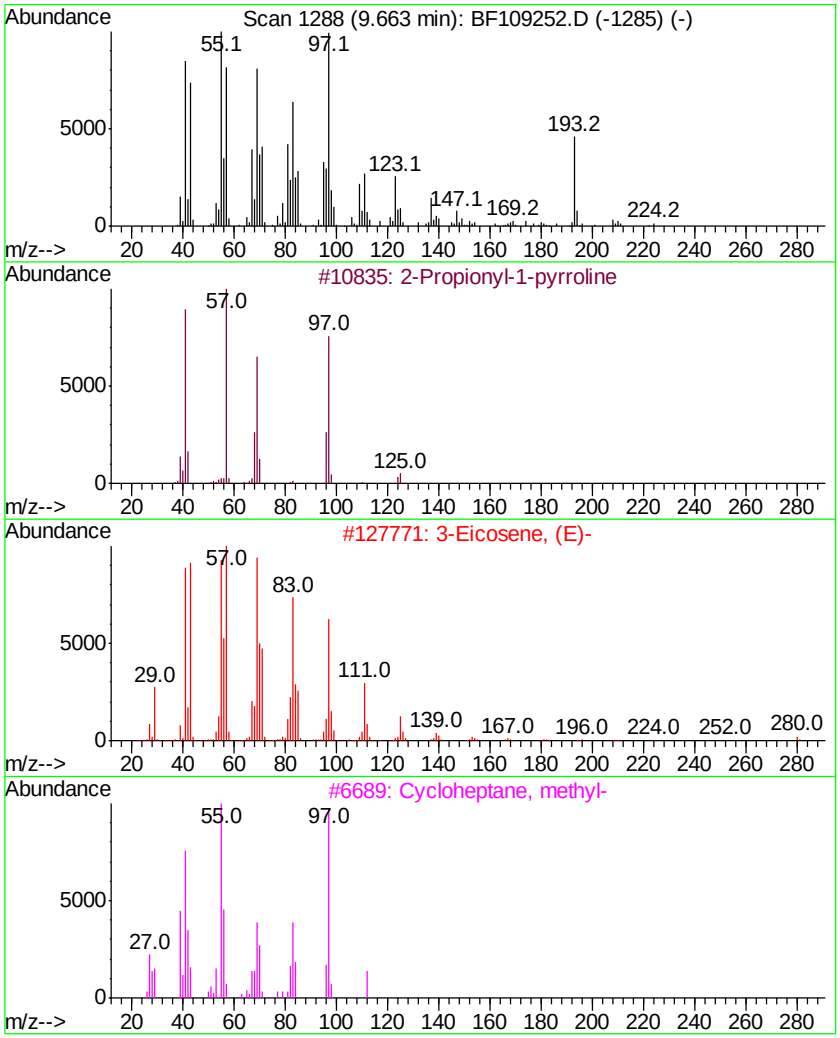
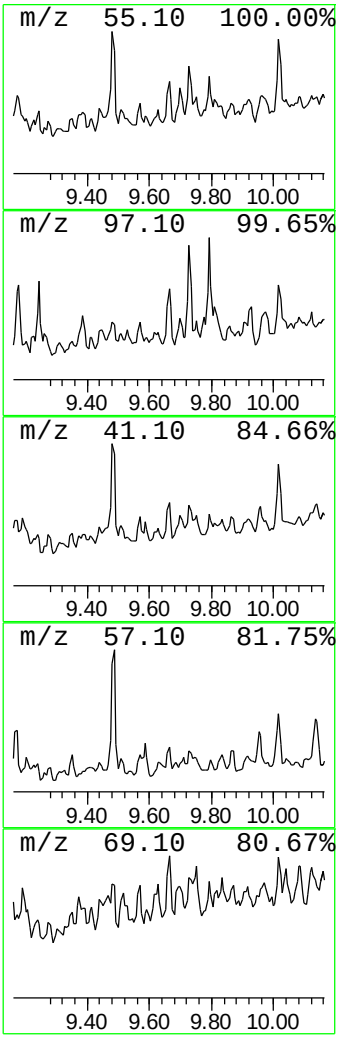
Peak Number 12 unknown9.66 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	5.44 ng	358568	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propionyl-1-pyrroline	125	C7H11NO	1000298-55-4	45
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	43
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	35
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	30
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30





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Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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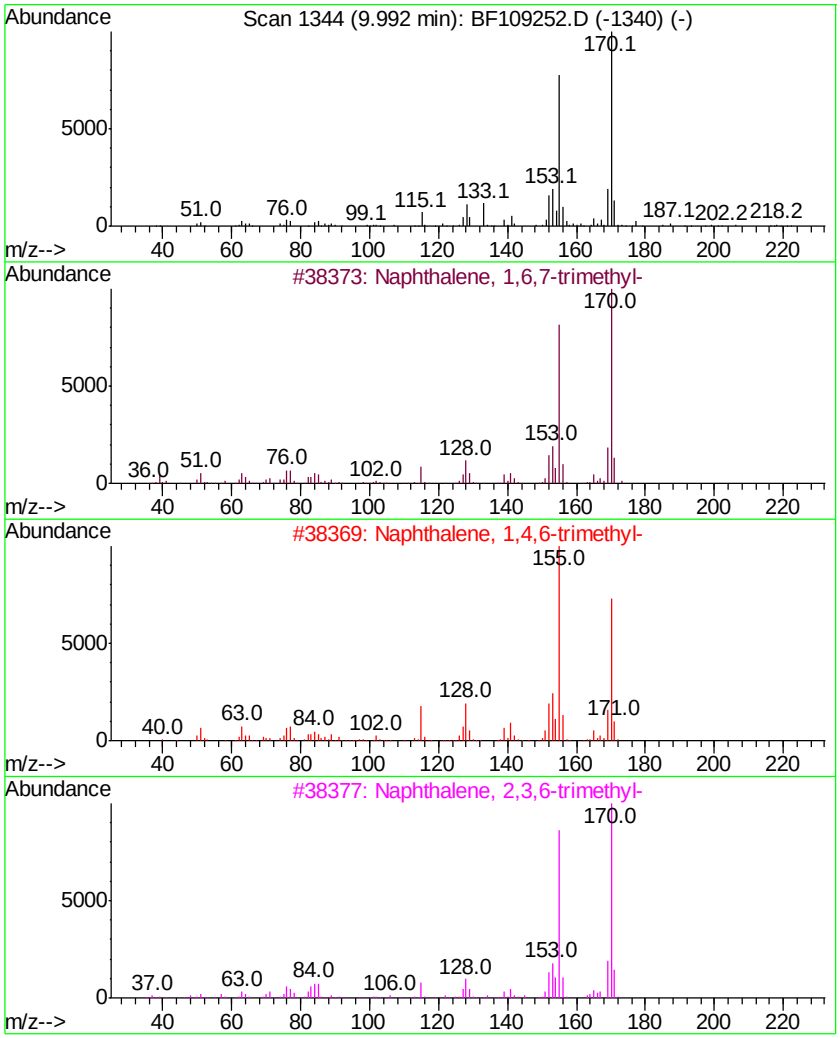
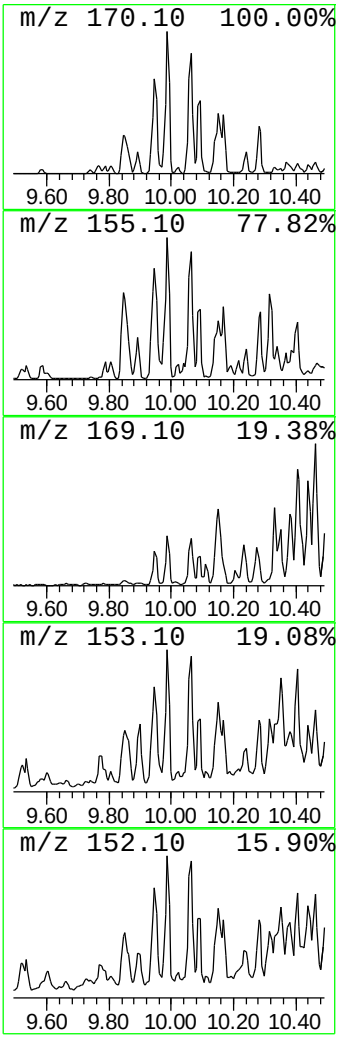
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	7.27 ng	478725	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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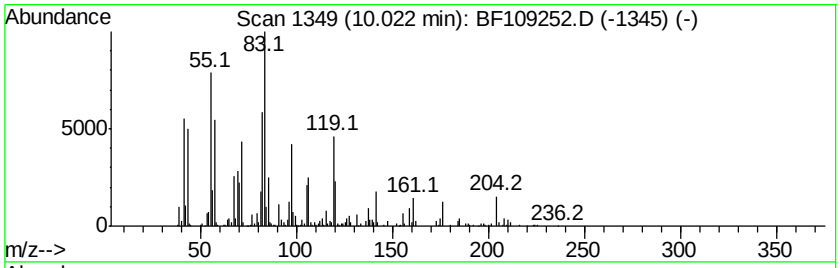
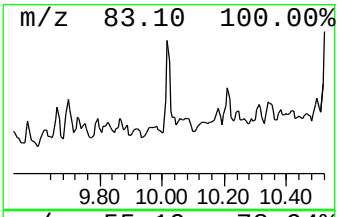
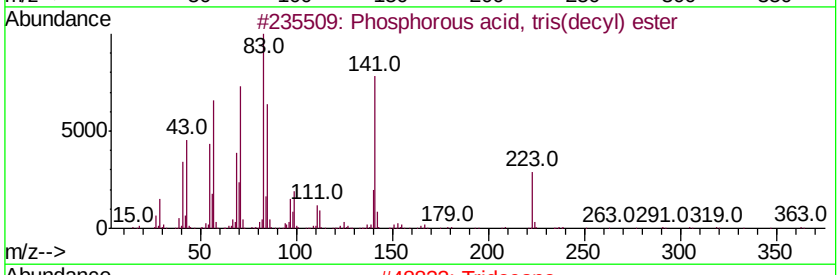
Peak Number 14 unknown10.02 Concentration Rank 8

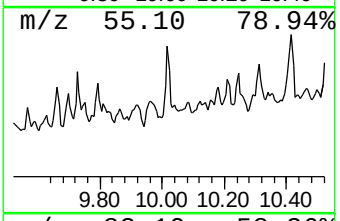
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	11.45 ng	754270	Acenaphthene-d10	9.74

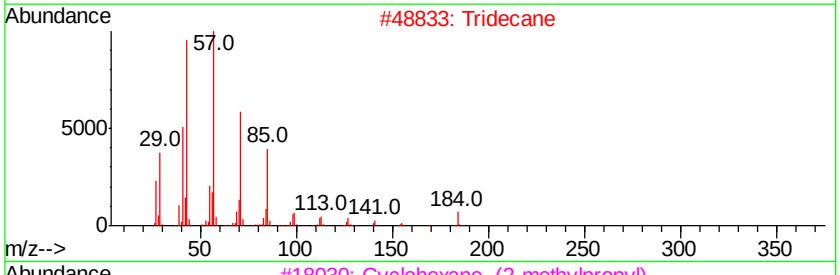
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	47
2	Tridecane	184	C13H28	000629-50-5	38
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	27
4	Octacosane	394	C28H58	000630-02-4	25
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	25

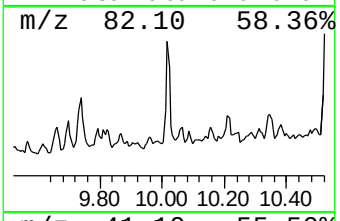


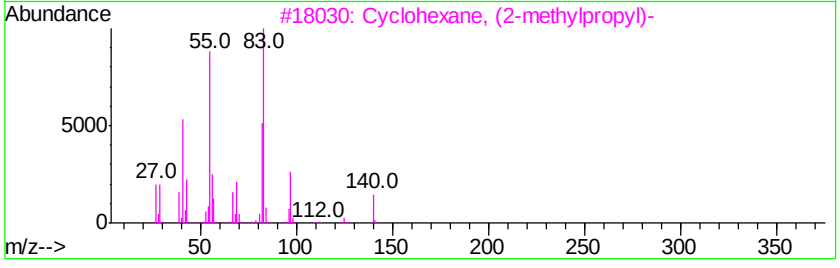


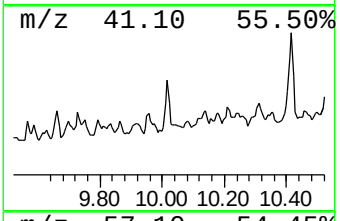


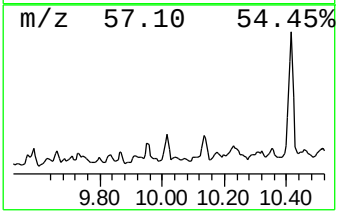












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Data File : BF109252.D
Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

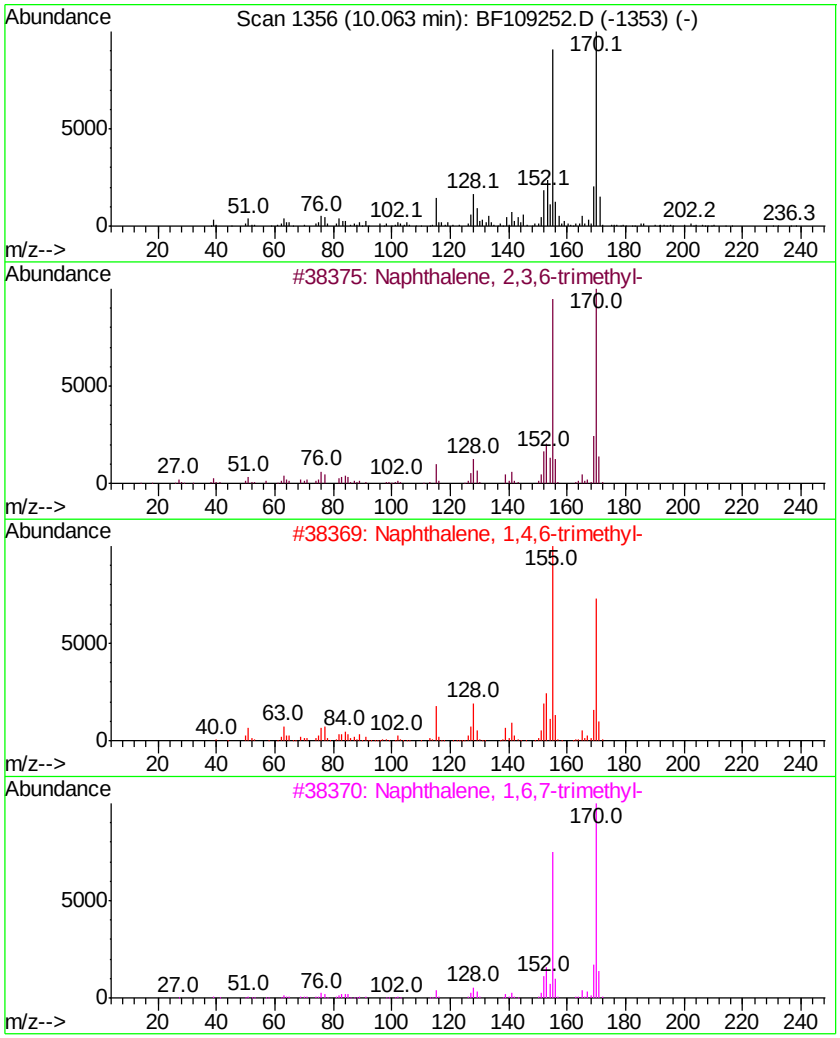
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

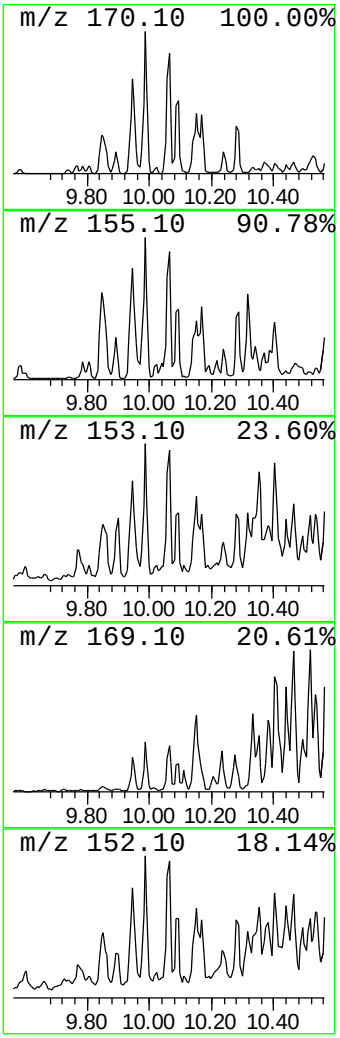
****

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	9.59 ng	631747	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Operator : JU/SJ
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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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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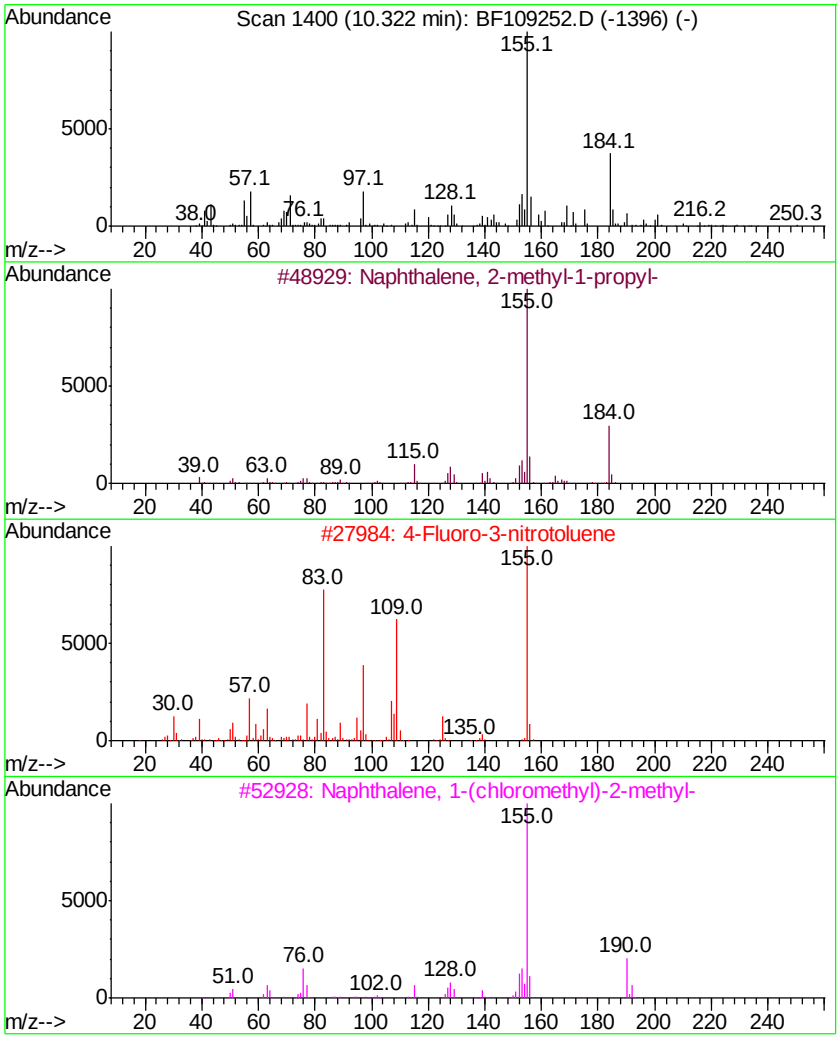
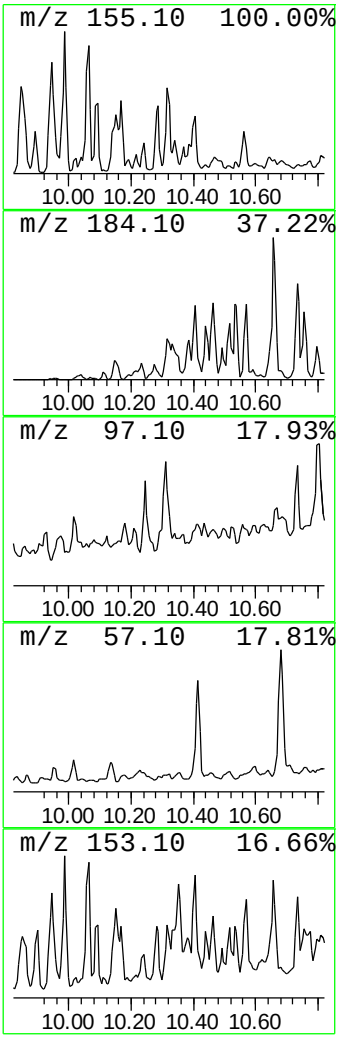
Peak Number 16 Naphthalene, 2-methyl-1-pro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	8.32 ng	547795	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	96
2	4-Fluoro-3-nitrotoluene	155	C7H6FNO2	000446-11-7	50
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	49
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	47
5	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	46





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Sample : J5017-07
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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

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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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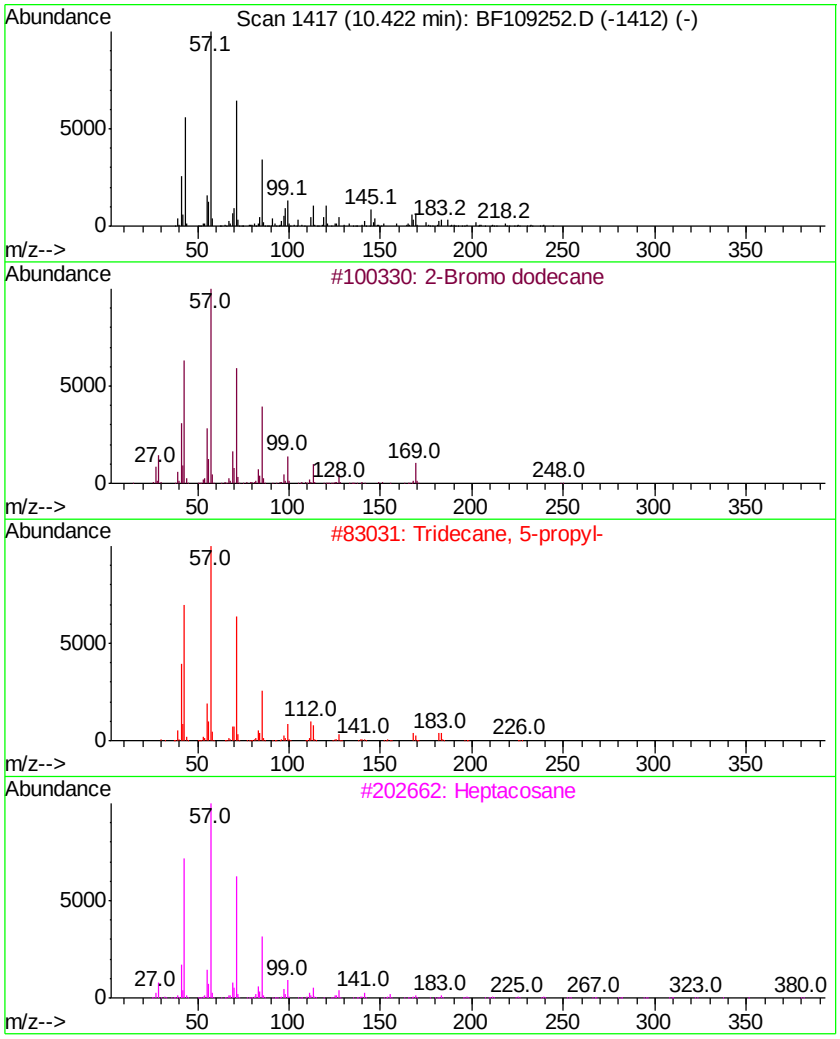
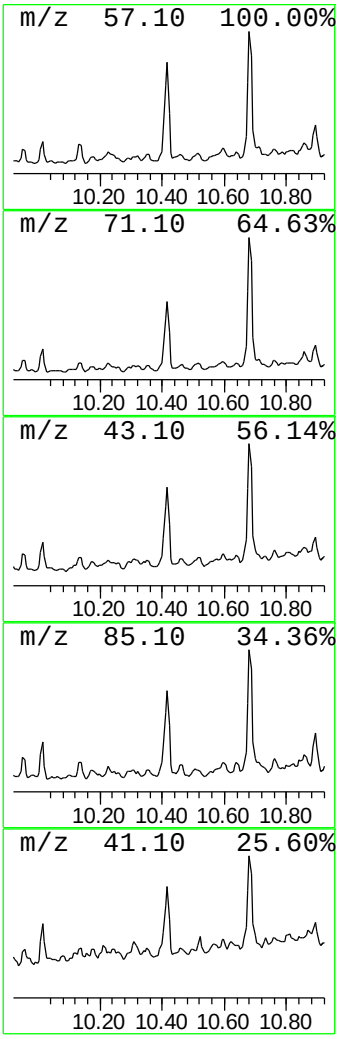
Peak Number 17 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	24.63 ng	1622520	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Decane, 5-propyl-	184	C13H28	017312-62-8	68





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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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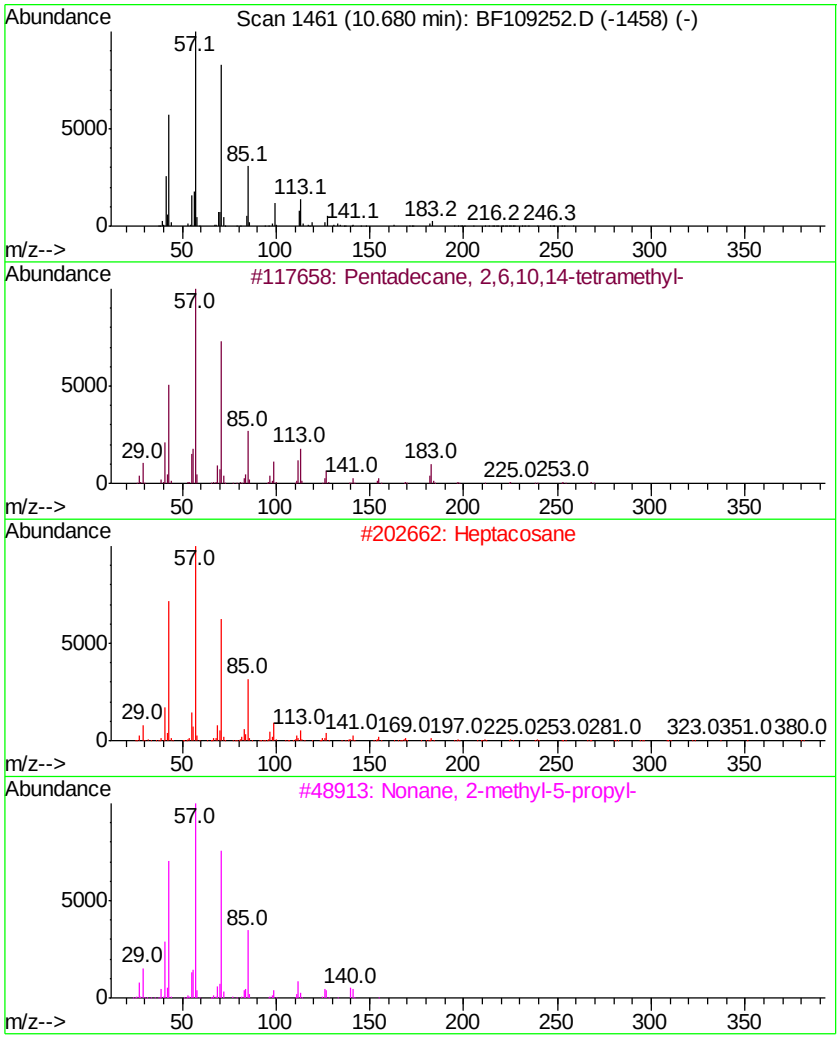
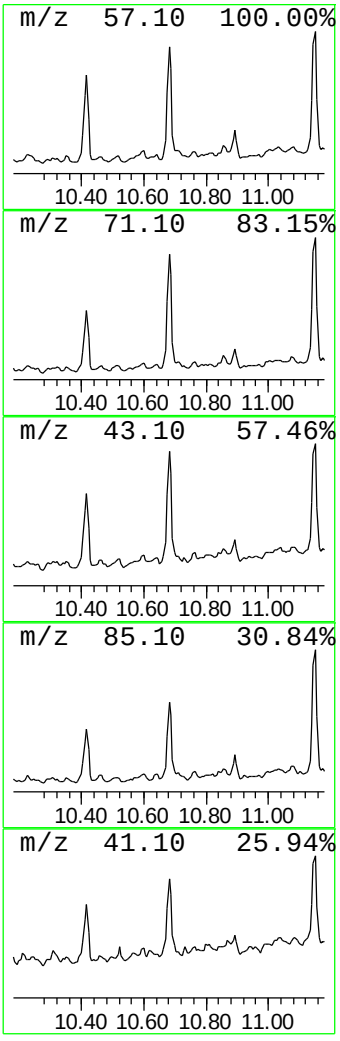
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	16.06 ng	2209180	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Heptacosane	380	C27H56	000593-49-7	78
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	52





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Data File : BF109252.D
Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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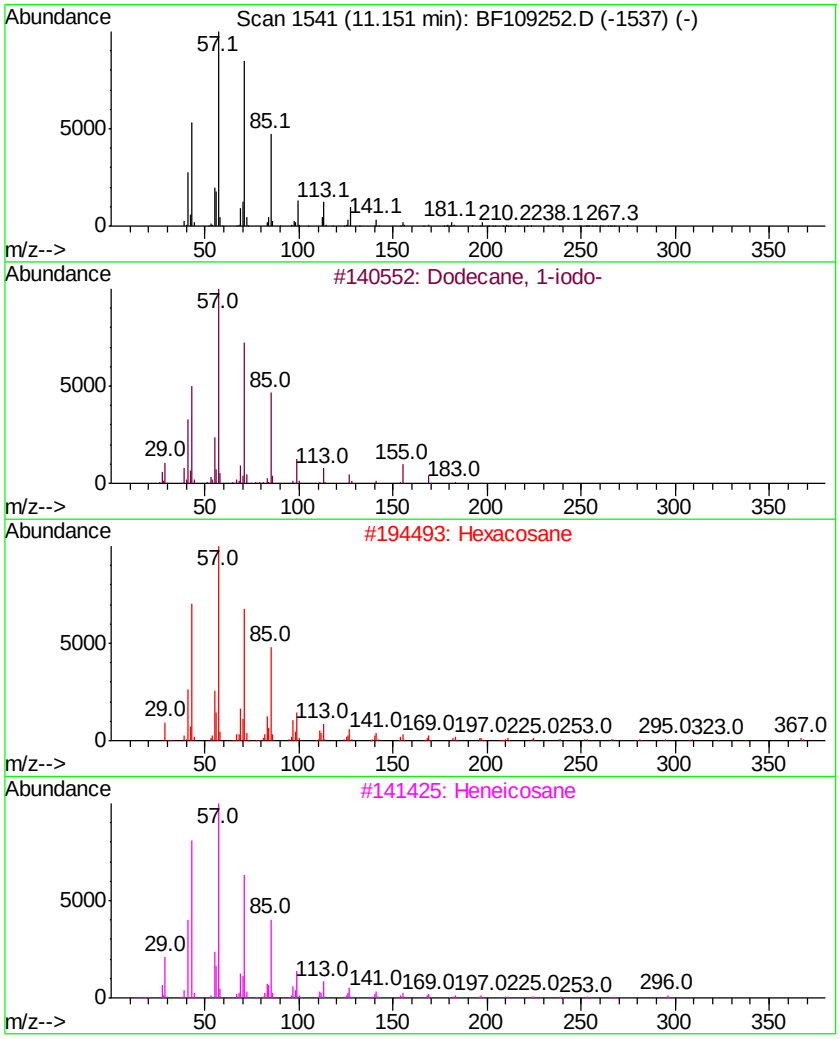
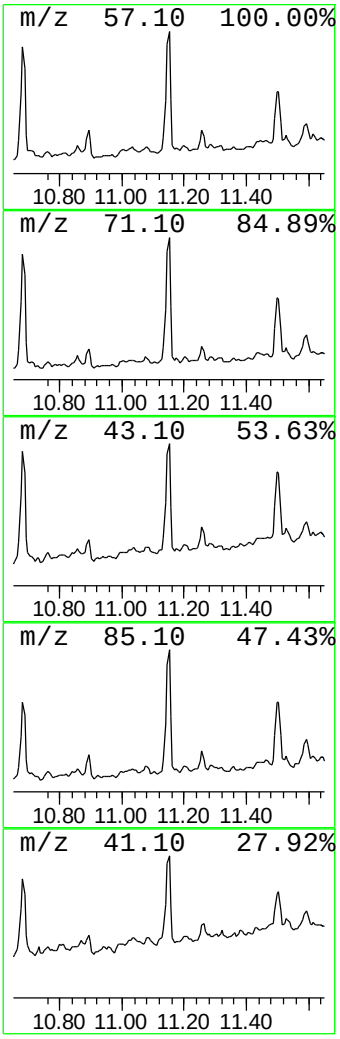
Peak Number 19 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	20.00 ng	2750620	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Hexacosane	366	C26H54	000630-01-3	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109252.D
Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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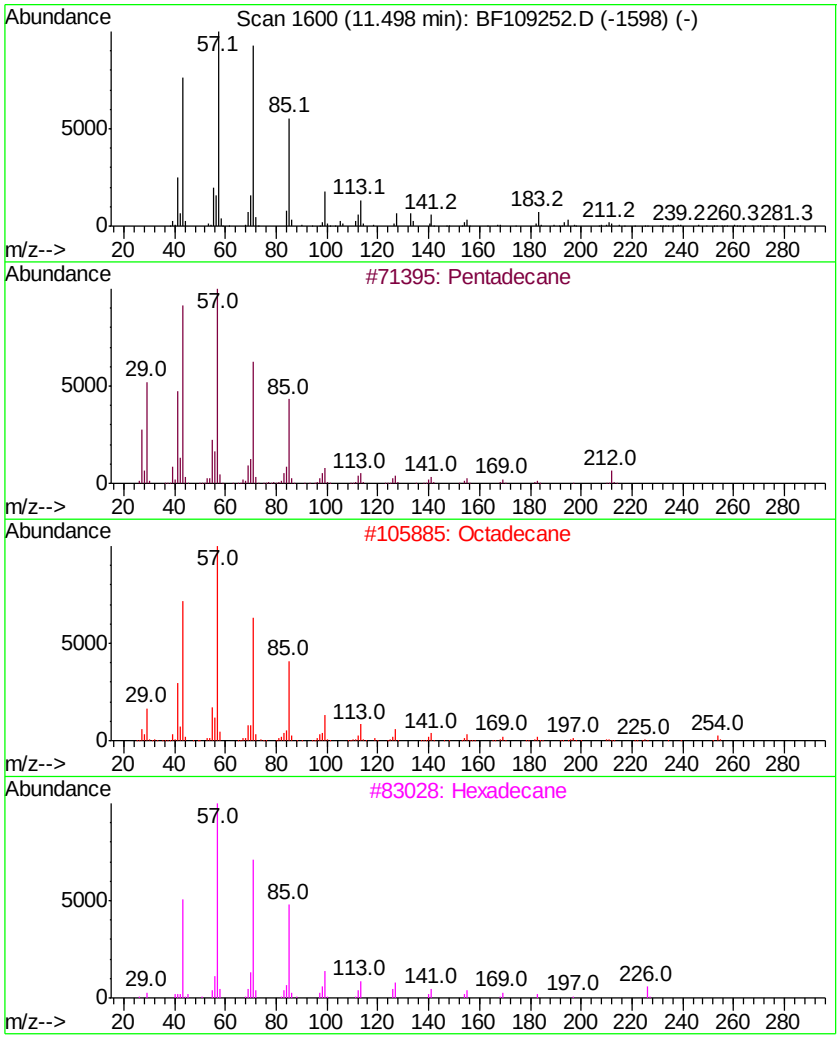
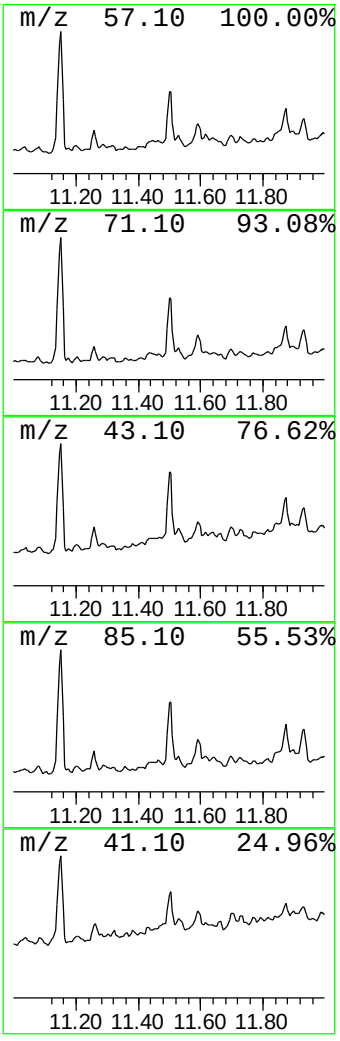
Peak Number 20 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.72 ng	1061480	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109252.D
Acq On : 23 Sep 2018 6:00
Operator : JU/SJ
Sample : J5017-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-NW-061

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.48	6.48	85.2	ng	2808570	1	6.70	659245	20.0
Undecane, 2,6-dim...	8.07	9.6	ng	455389	2	7.99	953608	20.0
Cyclohexane, (4-m...	8.29	8.7	ng	415731	2	7.99	953608	20.0
Nonane, 2,6-dimet...	8.43	12.5	ng	594185	2	7.99	953608	20.0
Heptacosane	8.69	11.5	ng	549148	2	7.99	953608	20.0
Naphthalene, 1-me...	8.80	5.6	ng	268679	2	7.99	953608	20.0
unknown9.17	9.17	10.6	ng	697418	3	9.74	1317340	20.0
Acetaminophen	9.19	10.9	ng	716741	3	9.74	1317340	20.0
Naphthalene, 2,6-...	9.33	5.9	ng	387520	3	9.74	1317340	20.0
Naphthalene, 1,3-...	9.40	10.8	ng	711044	3	9.74	1317340	20.0
unknown9.66	9.66	5.4	ng	358568	3	9.74	1317340	20.0
Naphthalene, 1,6,...	9.99	7.3	ng	478725	3	9.74	1317340	20.0
unknown10.02	10.02	11.4	ng	754270	3	9.74	1317340	20.0
Naphthalene, 2,3,...	10.06	9.6	ng	631747	3	9.74	1317340	20.0
Naphthalene, 2-me...	10.32	8.3	ng	547795	3	9.74	1317340	20.0
2-Bromo dodecane	10.42	24.6	ng	1622520	3	9.74	1317340	20.0
Pentadecane, 2,6,...	10.68	16.1	ng	2209180	4	11.23	2750620	20.0
Dodecane, 1-iodo-	11.15	20.0	ng	2750620	4	11.23	2750620	20.0
Pentadecane	11.50	7.7	ng	1061480	4	11.23	2750620	20.0