LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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	4.251	365	368	376	rVB	29786	39772	1.41%	0.081%
2	4.904	476	479	489	rVB	85235	117238	4.14%	0.239%
3	5.322	544	550	553	rBV	2313493	2549392	90.08%	5.199%
4	5.728	614	619	624	rVB3	28299	44990	1.59%	0.092%
5	5.869	638	643	647	rVB	44459	46922	1.66%	0.096%
6	5.963	656	659	662	rBV	106319	98530	3.48%	0.201%
7	6.022	666	669	672	rBV	54197	53687	1.90%	0.109%
8	6.157	685	692	694	rBV3	46971	68811	2.43%	0.140%
9	6.345	716	724	727	rBV	2525823	2794482	98.74%	5.698%
10	6.475	739	746	751	rBV	2637346	2830022	100.00%	5.771%
11	6.575	759	763	765	rVB2	39250	48994	1.73%	0.100%
12	6.681	774	781	782	rBV6	38097	63966	2.26%	0.130%
13	6.704	782	785	788	rVV	821932	688947	24.34%	1.405%
14	6.739	788	791	794	rVB	165605	153946	5.44%	0.314%
15	6.781	794	798	800	rBV	62745	68885	2.43%	0.140%
16	6.810	800	803	806	rVV2	48774	71762	2.54%	0.146%
17	6.863	809	812	816	rVV	2394565	2263072	79.97%	4.615%
18	6.898	816	818	821	rVB2	67987	68072	2.41%	0.139%
19	6.986	830	833	838	rVB3	76207	118495	4.19%	0.242%
20	7.028	838	840	843	rBV3	43181	39832	1.41%	0.081%
21	7.069	843	847	849	rBV4	35583	50747	1.79%	0.103%
22	7.104	850	853	856	rBV	92340	80225	2.83%	0.164%
23	7.139	856	859	861	rBV4	43043	46617	1.65%	0.095%
24	7.269	871	881	884	rBV	1856501	1957456	69.17%	3.992%
25	7.363	892	897	901	rBV4	132288	215521	7.62%	0.439%
26	7.410	901	905	907	rBV3	81172	106646	3.77%	0.217%
27	7.433	907	909	912	rVB3	86644	70462	2.49%	0.144%
28	7.481	913	917	919	rBV5	57996	77223	2.73%	0.157%
29	7.504	919	921	922	rBV	136930	104515	3.69%	0.213%
30	7.557	928	930	932	rBV	64320	60176	2.13%	0.123%
31	7.633	937	943	948	rVB6	224279	483786	17.09%	0.987%
32	7.686	948	952	954	rBV2	160117	199801	7.06%	0.407%
33	7.728	956	959	962	rVB3	64250	72875	2.58%	0.149%
34	7.763	962	965	967	rBV3	101747	123111	4.35%	0.251%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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

35	7.822	970	975	979	rVB6	144382	183523	6.48%	0.374%
36	7.869	979	983	984	rBV2	137338	125478	4.43%	0.256%
37	7.904	984	989	991	rVB3	89513	127488	4.50%	0.260%
38	7.939	992	995	996	rBV	157016	115531	4.08%	0.236%
39	7.957	996	998	999	rBV	115268	71759	2.54%	0.146%
40	7.986	999	1003	1006	rBV	1135260	1091480	38.57%	2.226%
41	8.069	1015	1017	1019	rBV	751858	527164	18.63%	1.075%
42	8.092	1019	1021	1024	rVB3	113428	108320	3.83%	0.221%
43	8.122	1024	1026	1029	rVB3	215119	180192	6.37%	0.367%
44	8.169	1029	1034	1036	rBV4	251186	381177	13.47%	0.777%
45	8.204	1038	1040	1043	rVB	336148	273922	9.68%	0.559%
46	8.292	1050	1055	1058	rBV5	533840	739164	26.12%	1.507%
47	8.322	1058	1060	1062	rVB2	177905	135467	4.79%	0.276%
48	8.351	1062	1065	1067	rBV4	261035	226619	8.01%	0.462%
49	8.380	1067	1070	1074	rVB5	232967	320682	11.33%	0.654%
50	8.433	1075	1079	1082	rBV2	765299	932122	32.94%	1.901%
51	8.504	1088	1091	1094	rBV2	312620	322032	11.38%	0.657%
52	8.545	1094	1098	1099	rBV3	411805	406671	14.37%	0.829%
53	8.692	1120	1123	1127	rVB4	625720	820933	29.01%	1.674%
54	8.739	1129	1131	1135	rBV4	237571	309566	10.94%	0.631%
55	8.833	1145	1147	1149	rVB2	149275	122373	4.32%	0.250%
56	8.880	1152	1155	1157	rBV4	375613	328010	11.59%	0.669%
57	8.910	1157	1160	1162	rVB2	490034	457761	16.18%	0.933%
58	9.027	1177	1180	1183	rVB	1273438	1124136	39.72%	2.292%
59	9.069	1183	1187	1190	rBV	3159253	2735323	96.65%	5.578%
60	9.157	1199	1202	1203	rBV2	467186	490916	17.35%	1.001%
61	9.210	1209	1211	1215	rVB4	320567	329096	11.63%	0.671%
62	9.275	1220	1222	1226	rVB3	387682	348704	12.32%	0.711%
63	9.351	1233	1235	1238	rBV3	270761	252758	8.93%	0.515%
64	9.380	1238	1240	1243	rBV3	212658	295245	10.43%	0.602%
65	9.457	1251	1253	1255	rBV	576408	448890	15.86%	0.915%
66	9.486	1255	1258	1260	rVB	1584036	1329217	46.97%	2.711%
67	9.516	1260	1263	1265	rBV4	270711	262726	9.28%	0.536%
68	9.569	1270	1272	1274	rVB3	317129	230173	8.13%	0.469%
69	9.663	1285	1288	1291	rVB	567247	444839	15.72%	0.907%
70	9.739	1297	1301	1305	rVB3	1035244	1265484	44.72%	2.581%
71	9.792	1308	1310	1312	rBV2	209946	193827	6.85%	0.395%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.951	1335	1337	1340	rVB4	439533	379580	13.41%	0.774%
73	10.016	1345	1348	1353	rVB4	840920	733555	25.92%	1.496%
74	10.063	1353	1356	1358	rBV	441560	439649	15.54%	0.897%
75	10.139	1367	1369	1373	rBV3	247983	254183	8.98%	0.518%
76	10.286	1391	1394	1396	rBV4	294846	288306	10.19%	0.588%
77	10.310	1396	1398	1401	rVB3	375274	376906	13.32%	0.769%
78	10.410	1411	1415	1418	rVB	1689645	1734587	61.29%	3.537%
79	10.527	1431	1435	1438	rVB4	1342755	1374168	48.56%	2.802%
80	10.616	1448	1450	1455	rBV4	201383	363921	12.86%	0.742%
81	10.674	1455	1460	1467	rVB	1975471	2515126	88.87%	5.129%
82	10.727	1467	1469	1471	rBV	293587	275491	9.73%	0.562%
83	10.886	1494	1496	1499	rVB3	481830	404061	14.28%	0.824%
84	11.139	1536	1539	1545	rVB	1549565	1634773	57.77%	3.334%
85	11.216	1550	1552	1555	rVB	556463	469505	16.59%	0.957%
86	11.245	1555	1557	1560	rBV3	308548	293610	10.37%	0.599%
87	11.486	1595	1598	1601	rVB	457372	419498	14.82%	0.855%
88	12.427	1755	1758	1761	rBV2	279462	314861	11.13%	0.642%
89	12.798	1818	1821	1826	rVB	1996811	1850034	65.37%	3.773%
90	13.839	1995	1998	2001	rVB	644344	563169	19.90%	1.148%
91	15.239	2232	2236	2240	rVB	380175	416300	14.71%	0.849%

Sum of corrected areas: 49039029

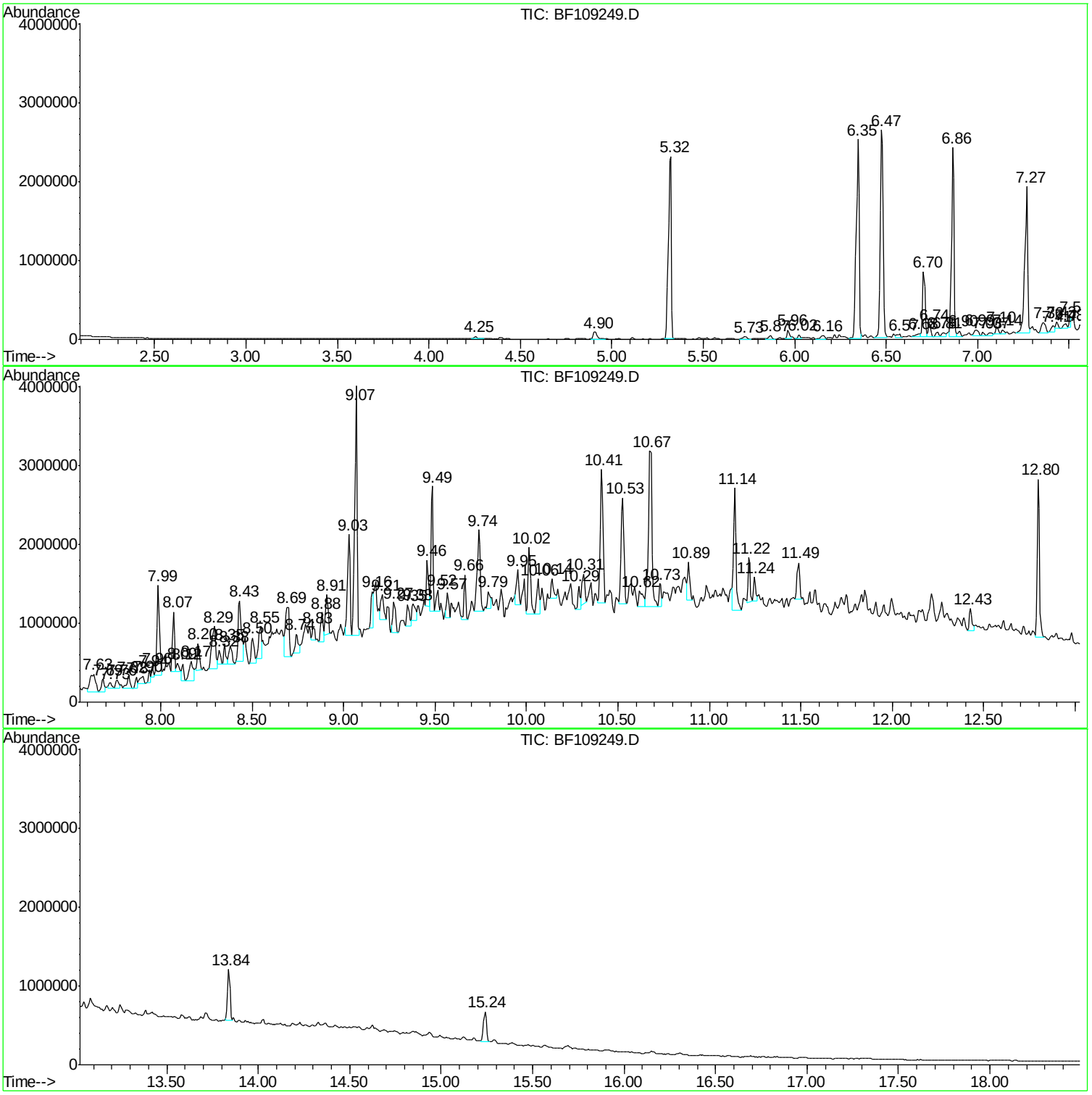
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
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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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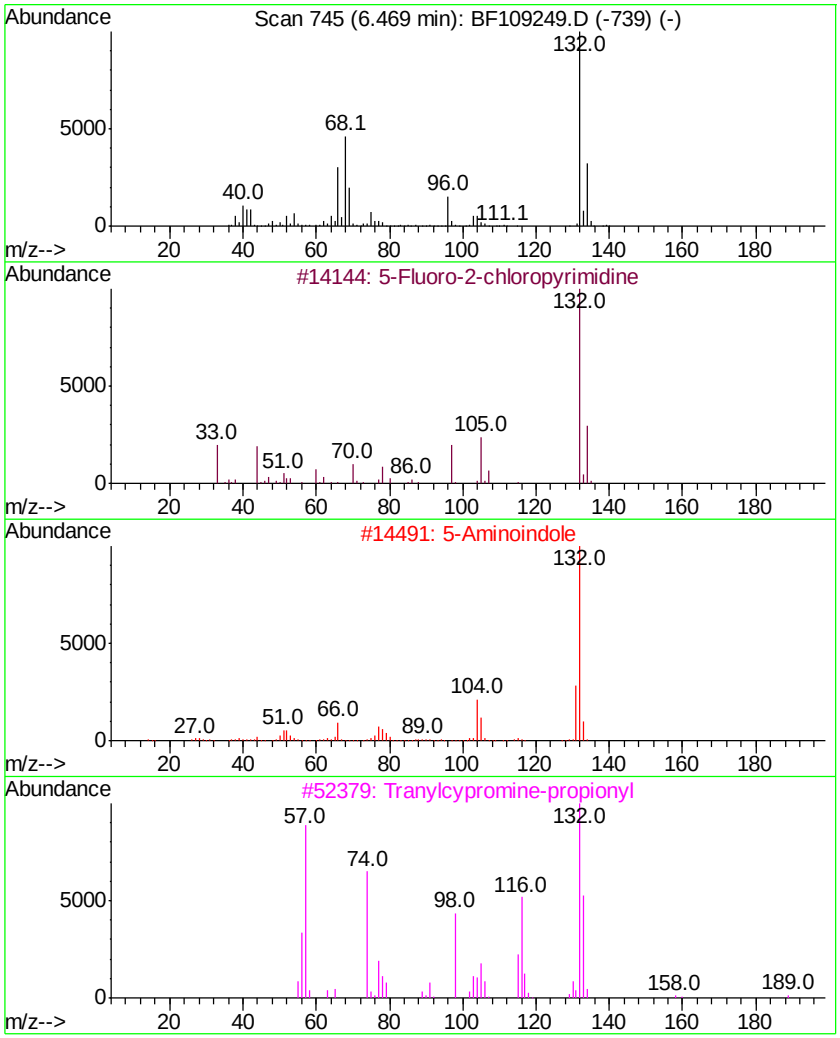
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

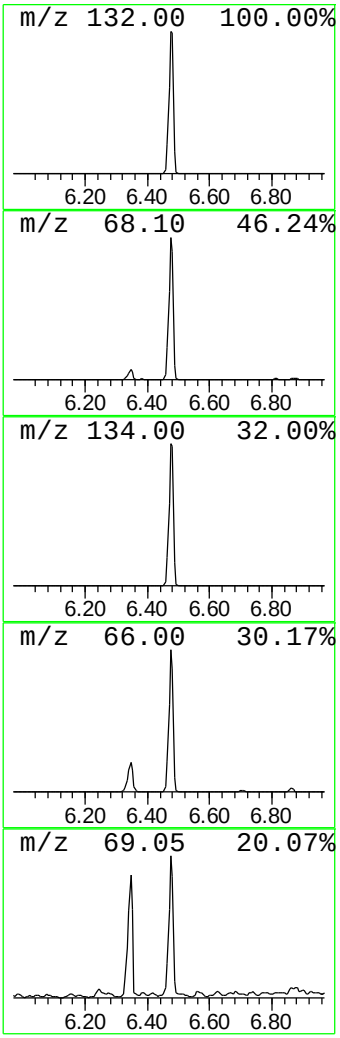
****

Peak Number 1 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	82.16 ng	2830020	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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

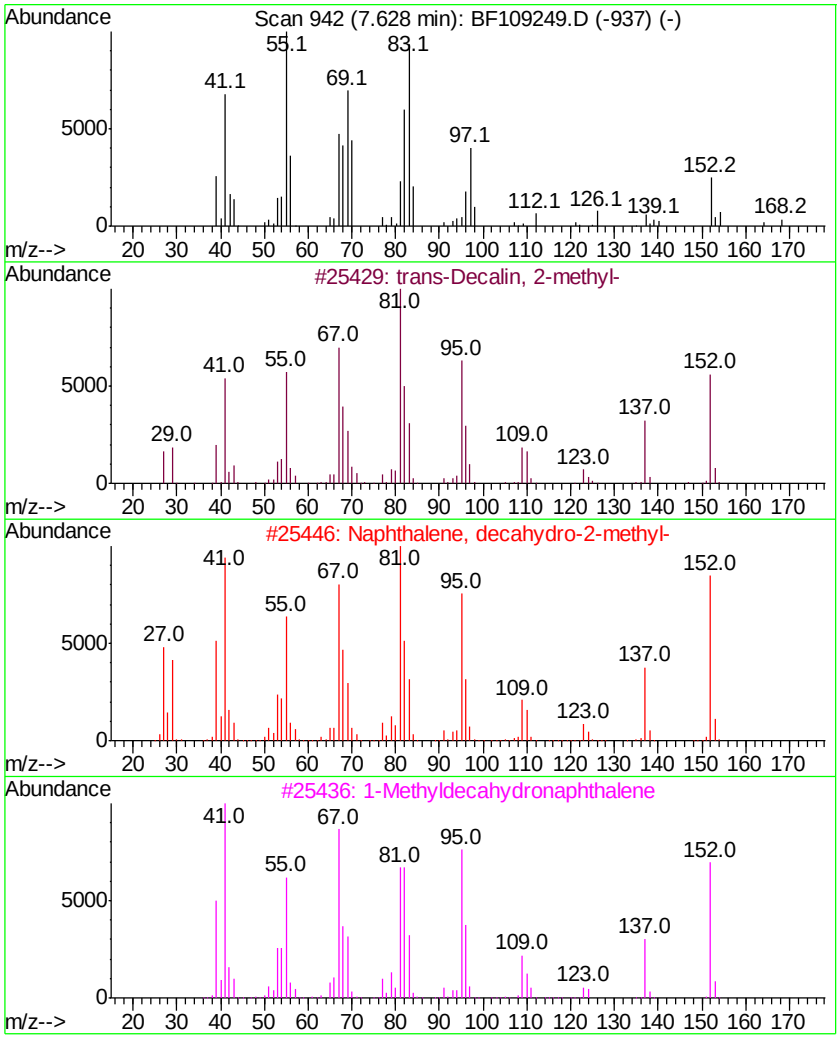
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

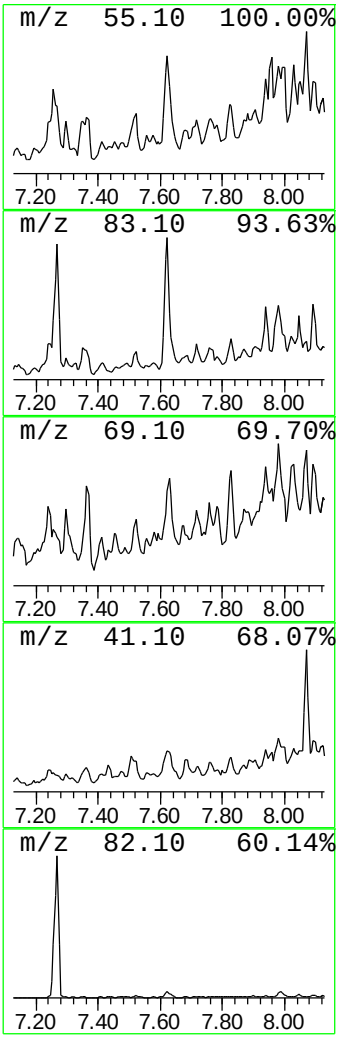
****

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	8.86 ng	483786	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	53
4	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	53
5	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	49





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Acq On : 23 Sep 2018 4:39
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Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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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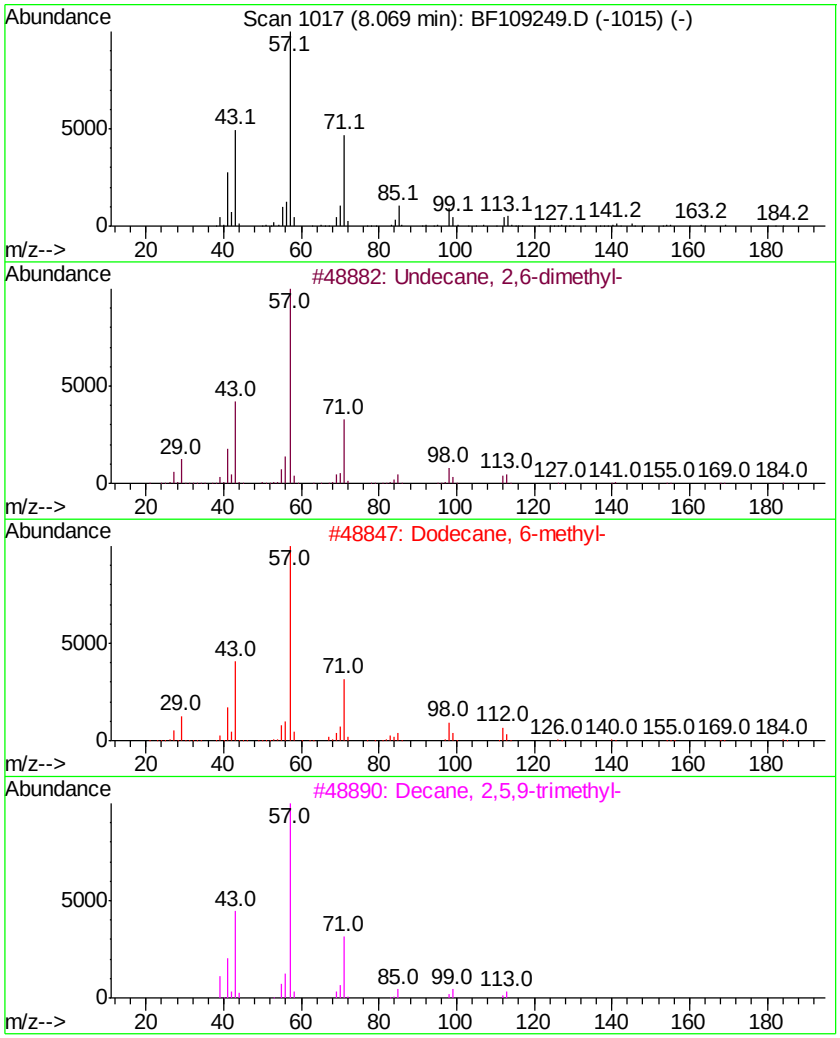
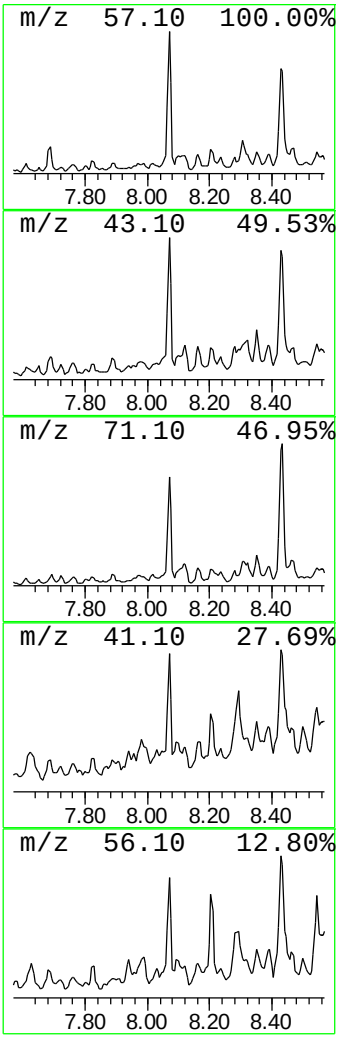
Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	9.66 ng	527164	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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

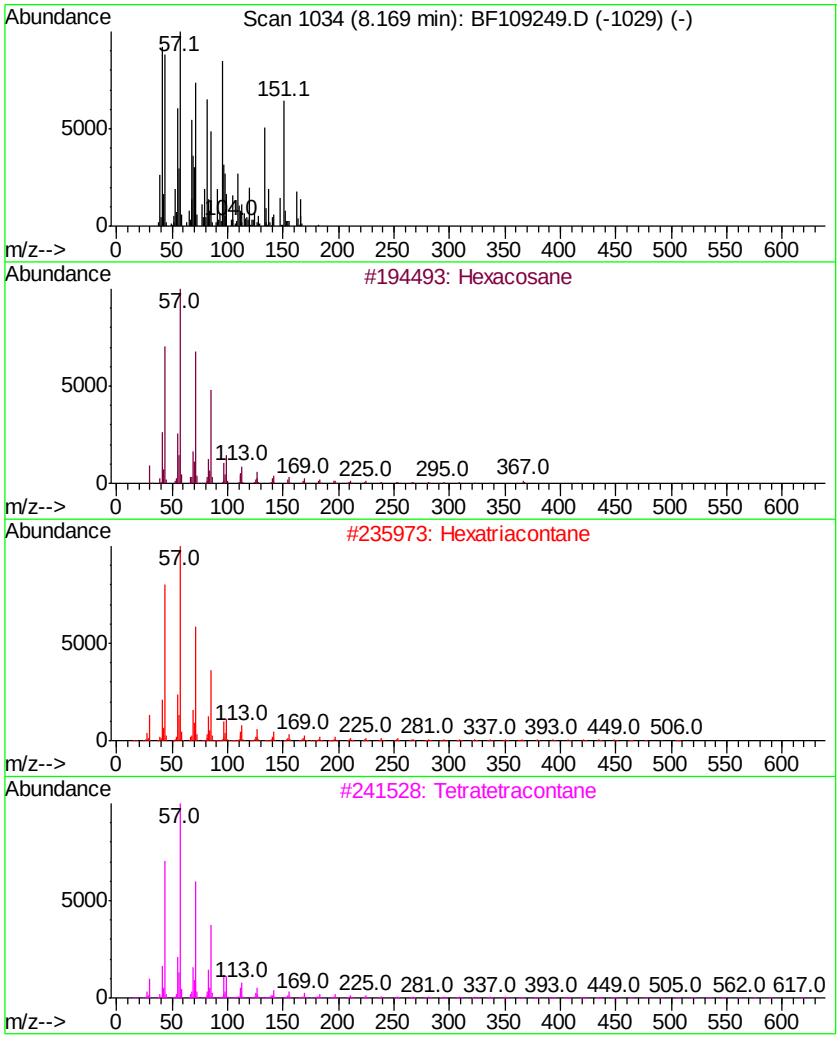
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

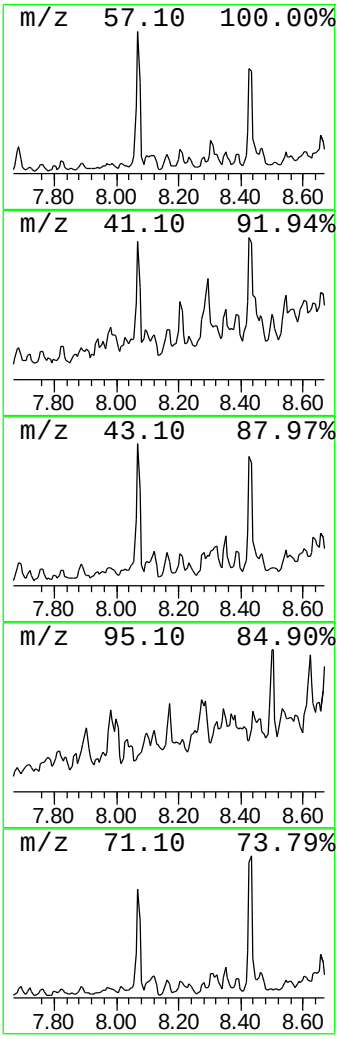
****

Peak Number 5 unknown8.17 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	6.98 ng	381177	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	25
2	Hexatriacontane	507	C36H74	000630-06-8	25
3	Tetratetracontane	619	C44H90	007098-22-8	25
4	Heptacosane	380	C27H56	000593-49-7	25
5	Heneicosane	296	C21H44	000629-94-7	18





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Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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

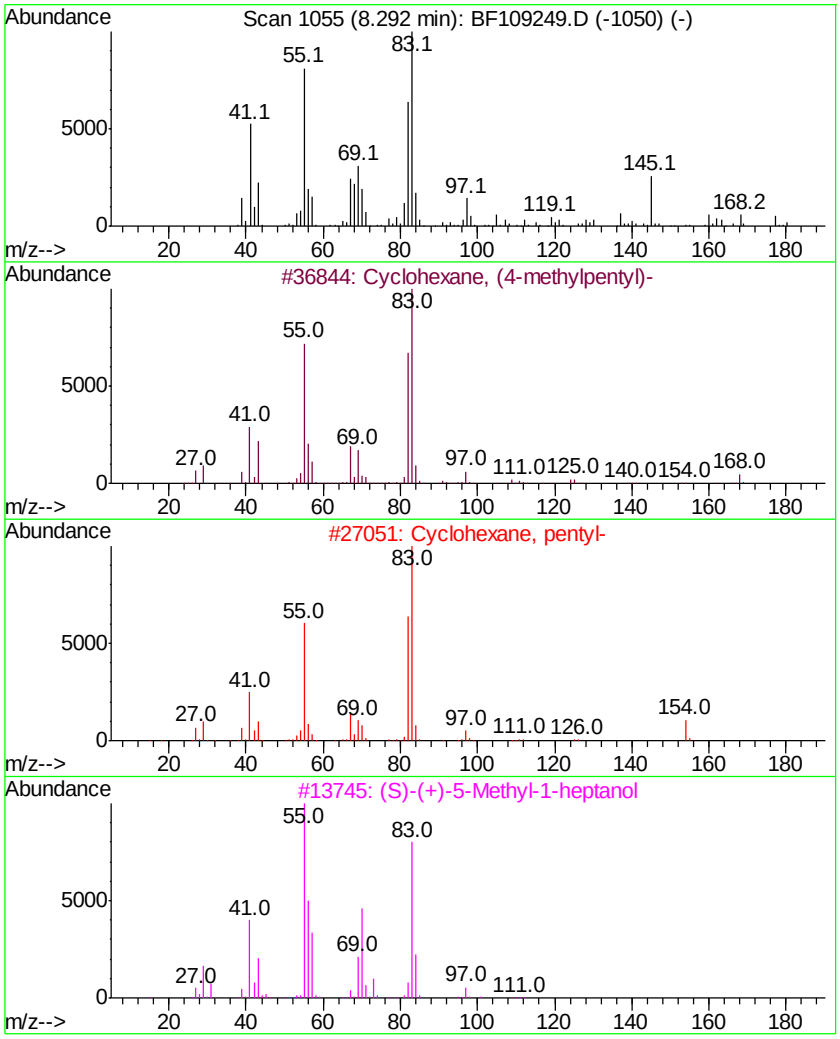
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

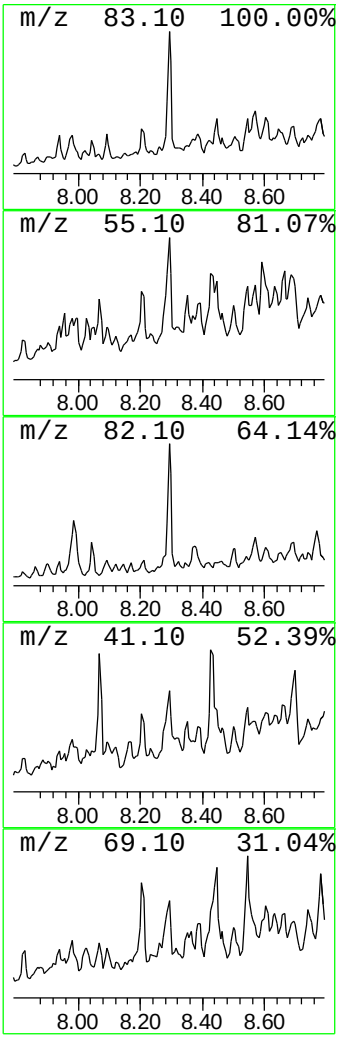
****

Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	13.54 ng	739164	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	35
4	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	27
5	Cyclodecane	140	C10H20	000293-96-9	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
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Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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

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TIC Integration Parameters: LSCINT.P

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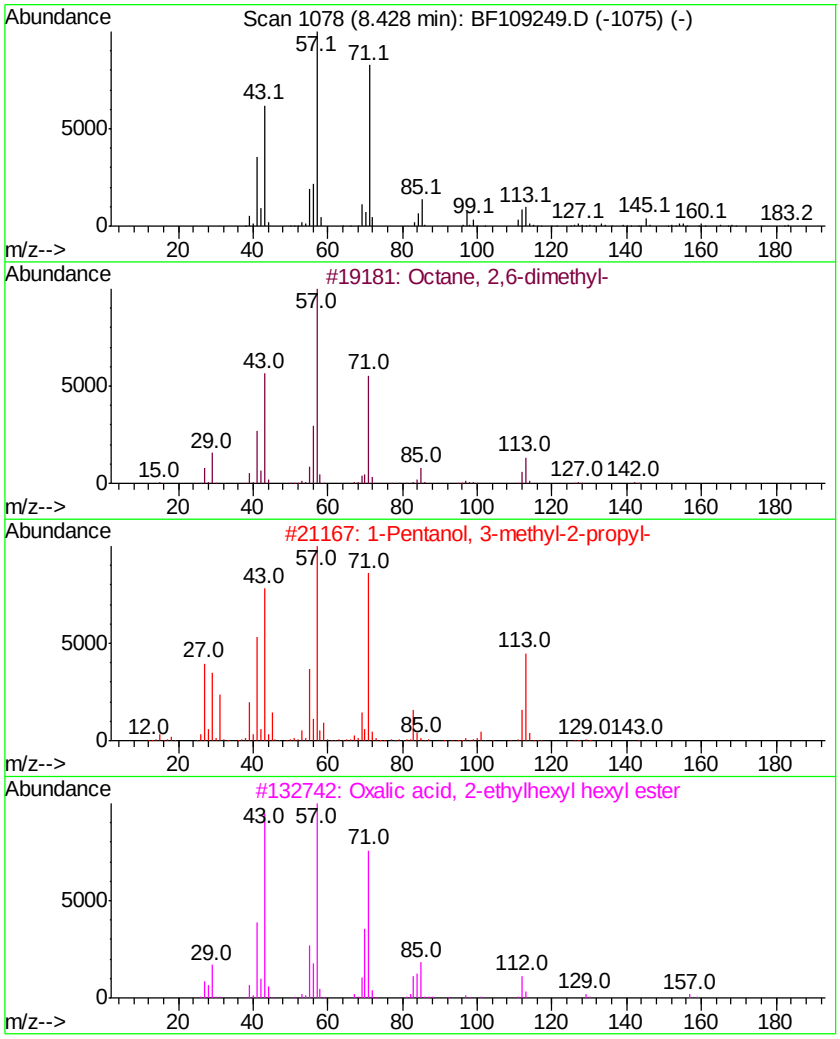
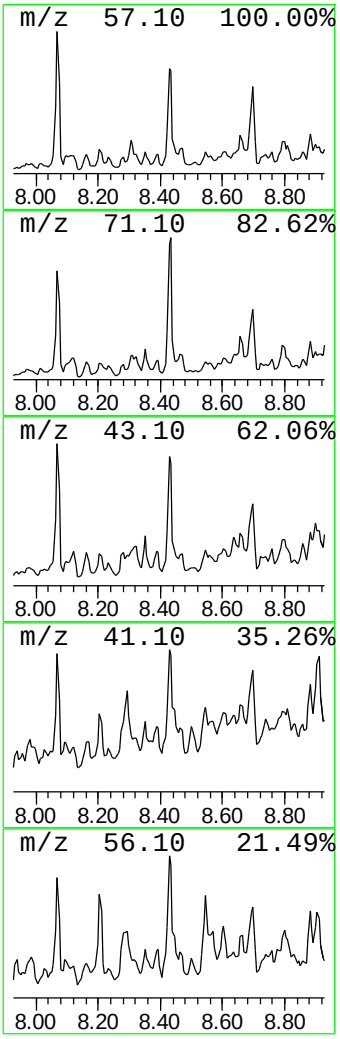
Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	17.08 ng	932122	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	64
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59





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Sample : J5017-04
Misc :
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Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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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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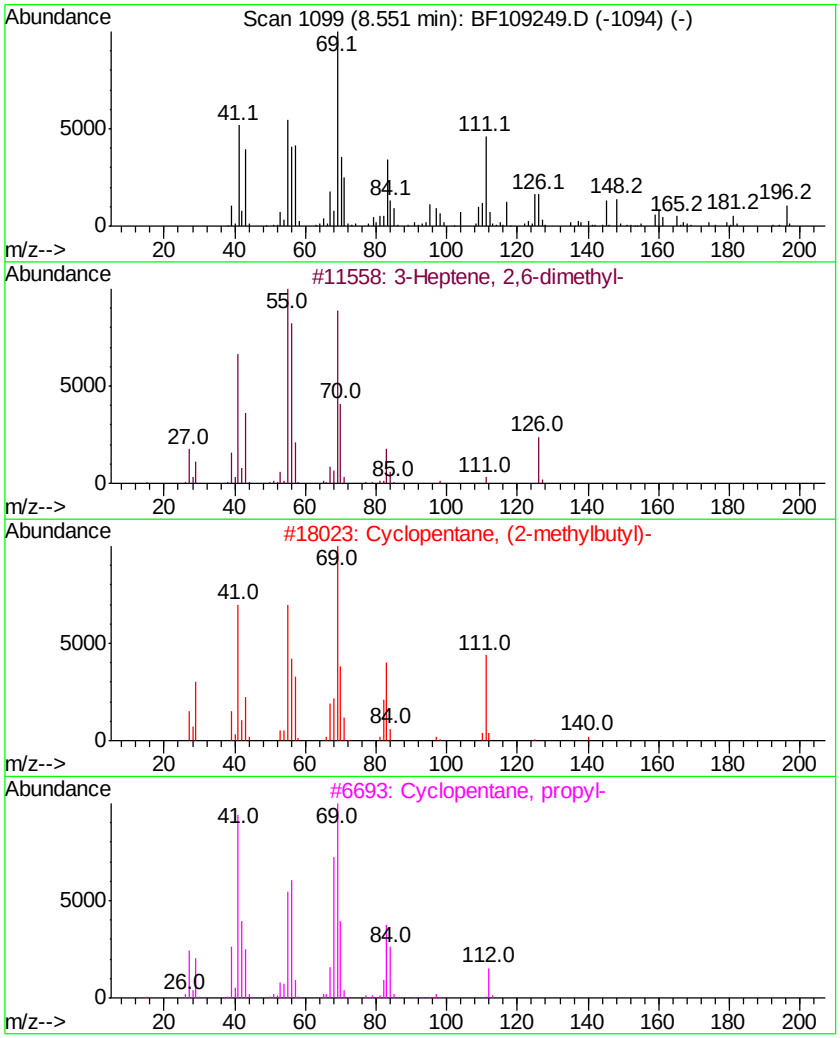
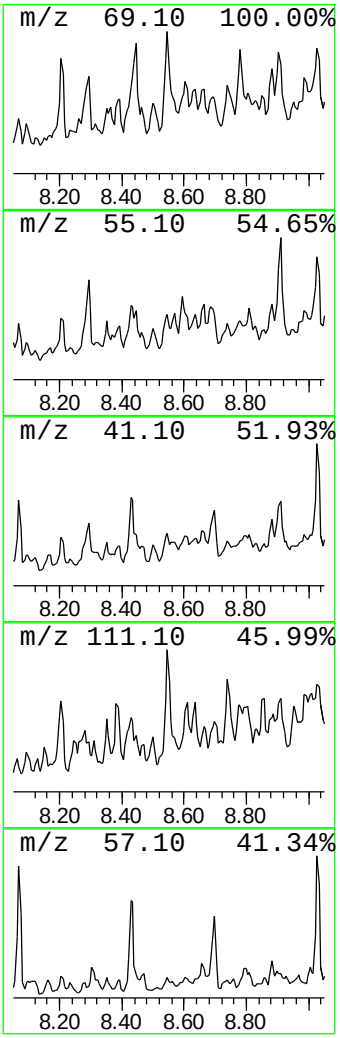
Peak Number 8 unknown8.55 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	7.45 ng	406671	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	47
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	46
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	42





Library Search Compound Report

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RA-091918-S-SW-058

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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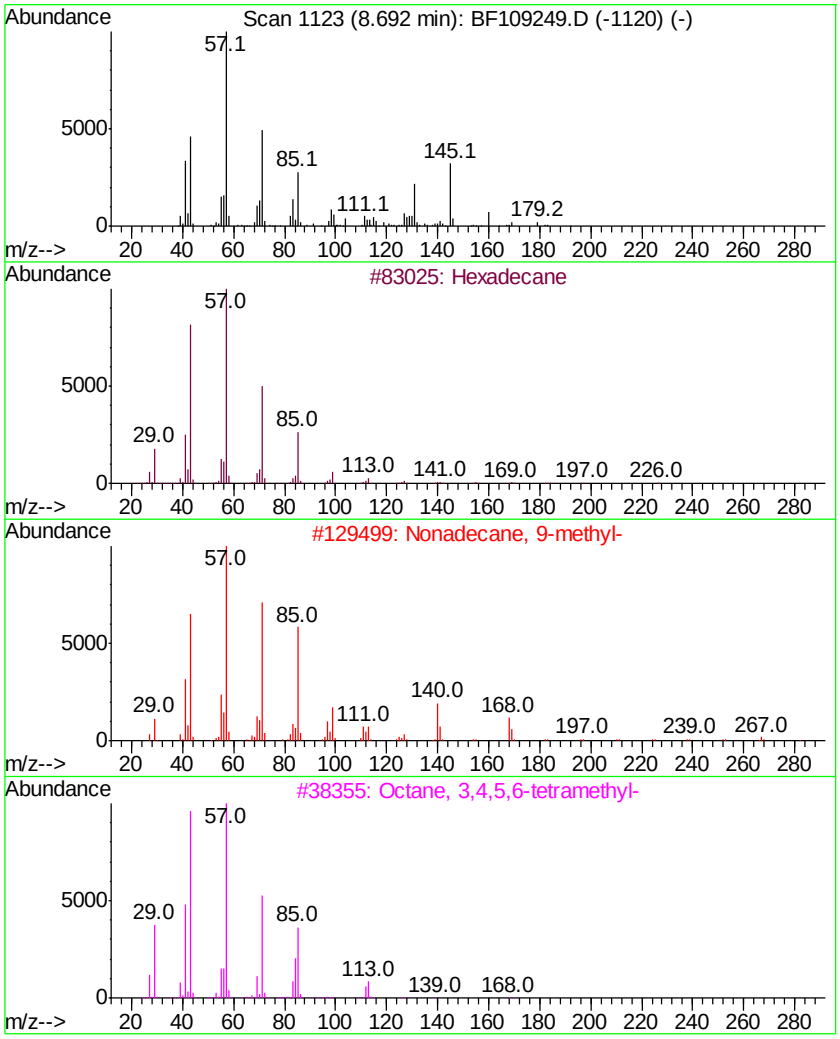
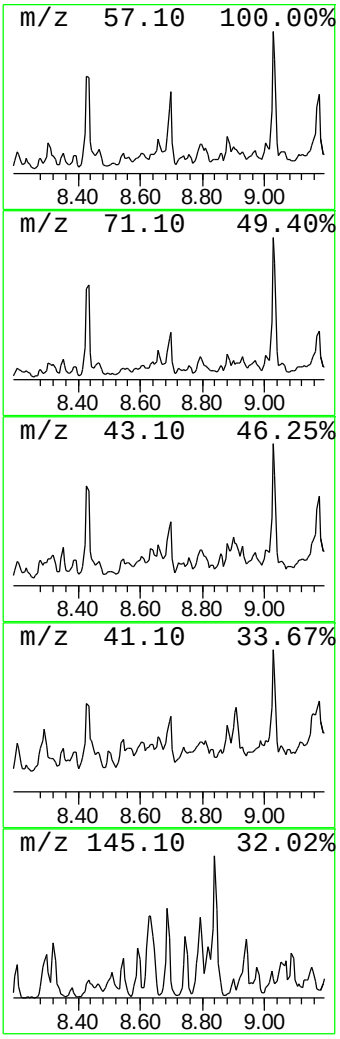
Peak Number 9 unknown8.69 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	15.04 ng	820933	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	43
4	Heneicosane	296	C21H44	000629-94-7	43
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	38





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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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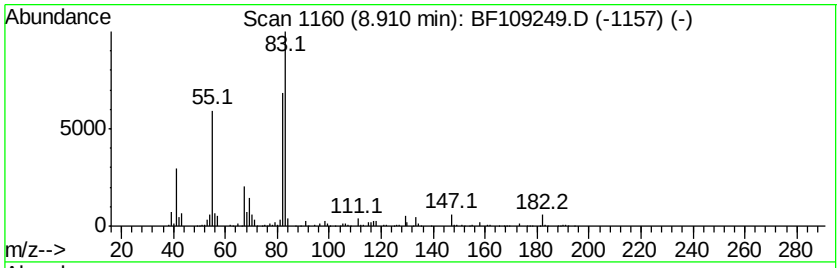
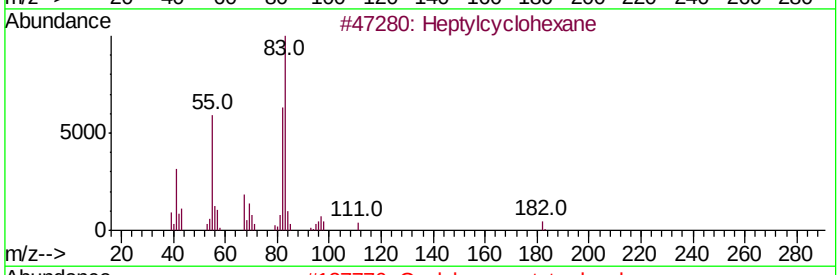
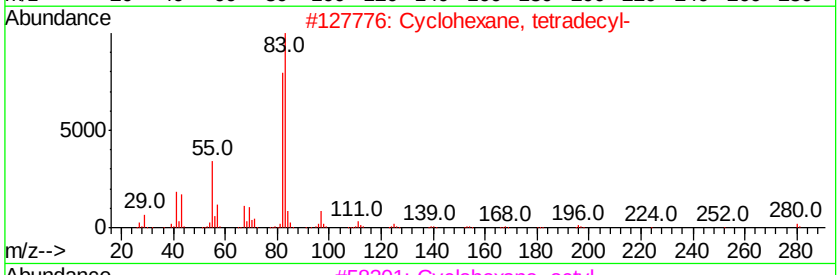
Peak Number 10 Heptylcyclohexane Concentration Rank 18

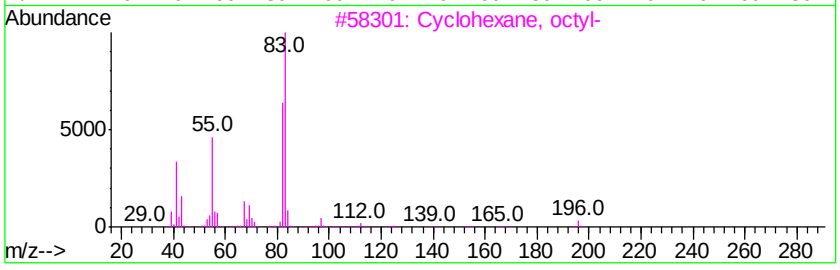
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	7.23 ng	457761	Acenaphthene-d10	9.74

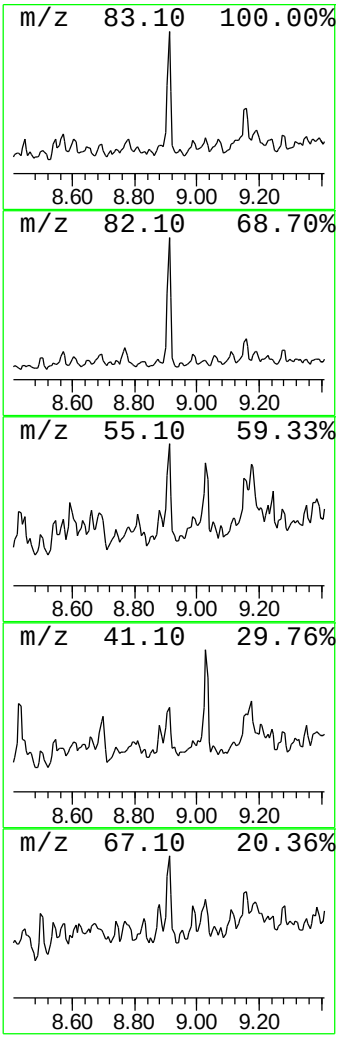
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59











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

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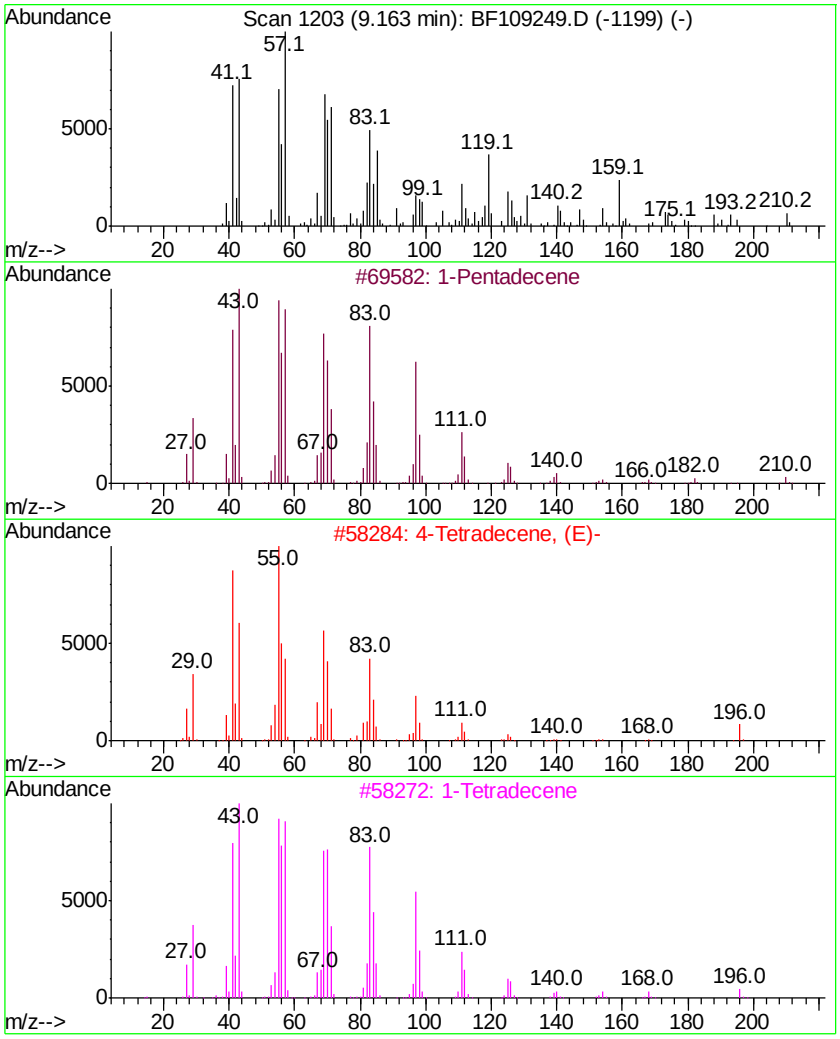
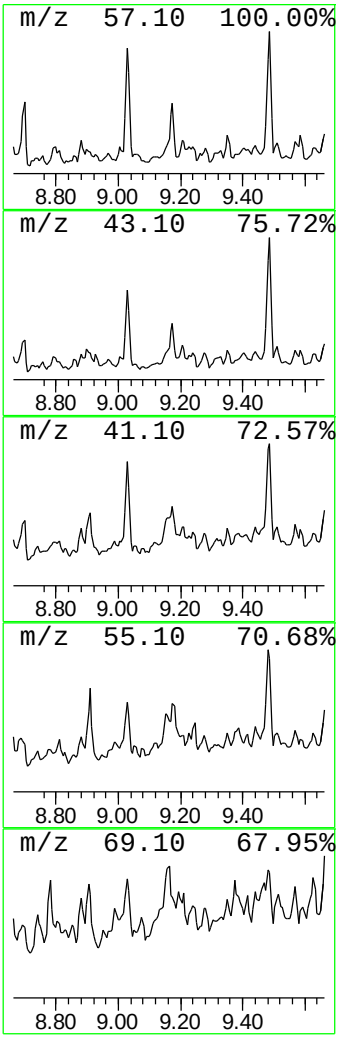
Peak Number 11 1-Pentadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	7.76 ng	490916	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	83
2	4-Tetradecene, (E)-	196	C14H28	041446-78-0	83
3	1-Tetradecene	196	C14H28	001120-36-1	74
4	Cyclotetradecane	196	C14H28	000295-17-0	70
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	70





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

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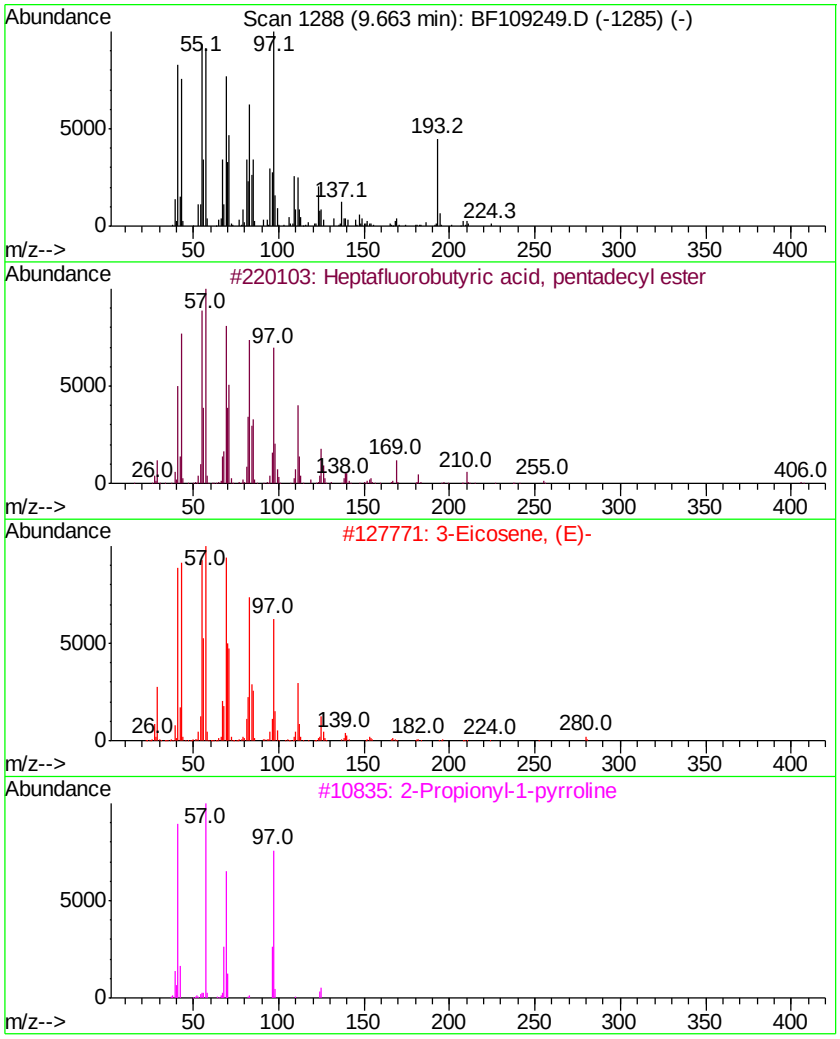
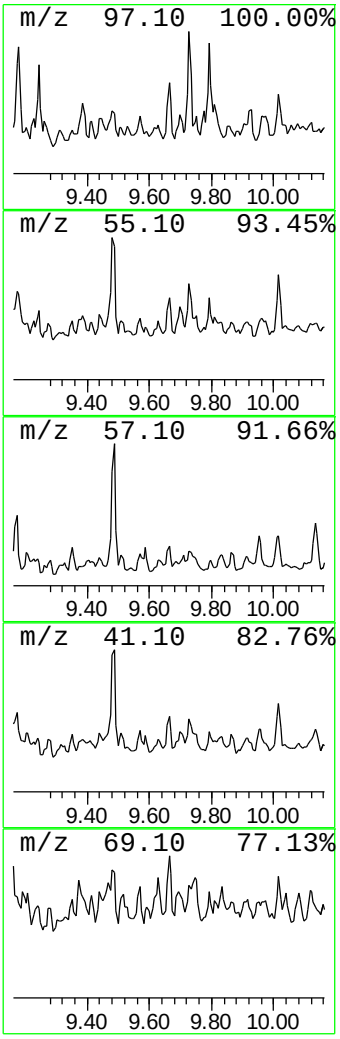
Peak Number 12 Heptafluorobutyric acid, pe... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	7.03 ng	444839	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	55
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	43
3	2-Propionyl-1-pyrroline	125	C7H11NO	1000298-55-4	43
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	41
5	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	38





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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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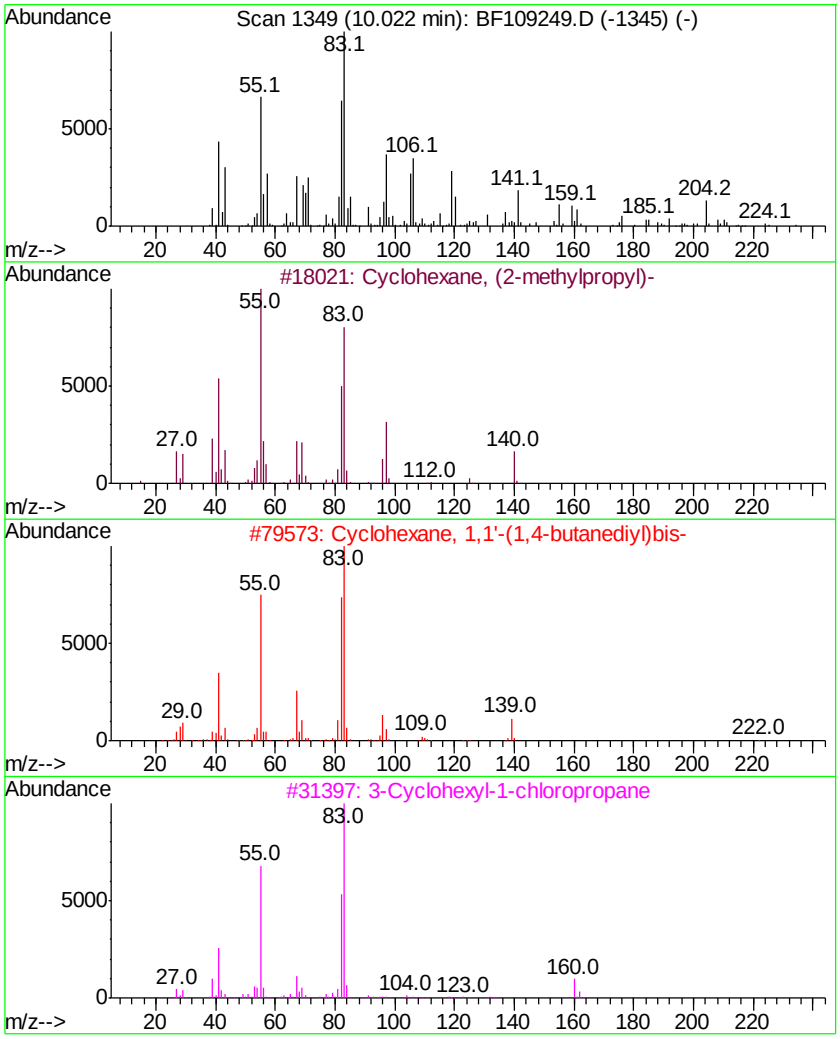
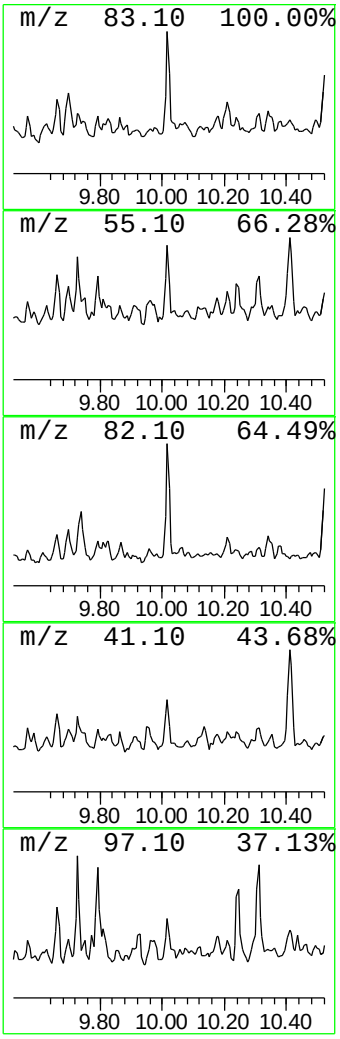
Peak Number 13 unknown10.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	11.59 ng	733555	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	45
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	35
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30





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

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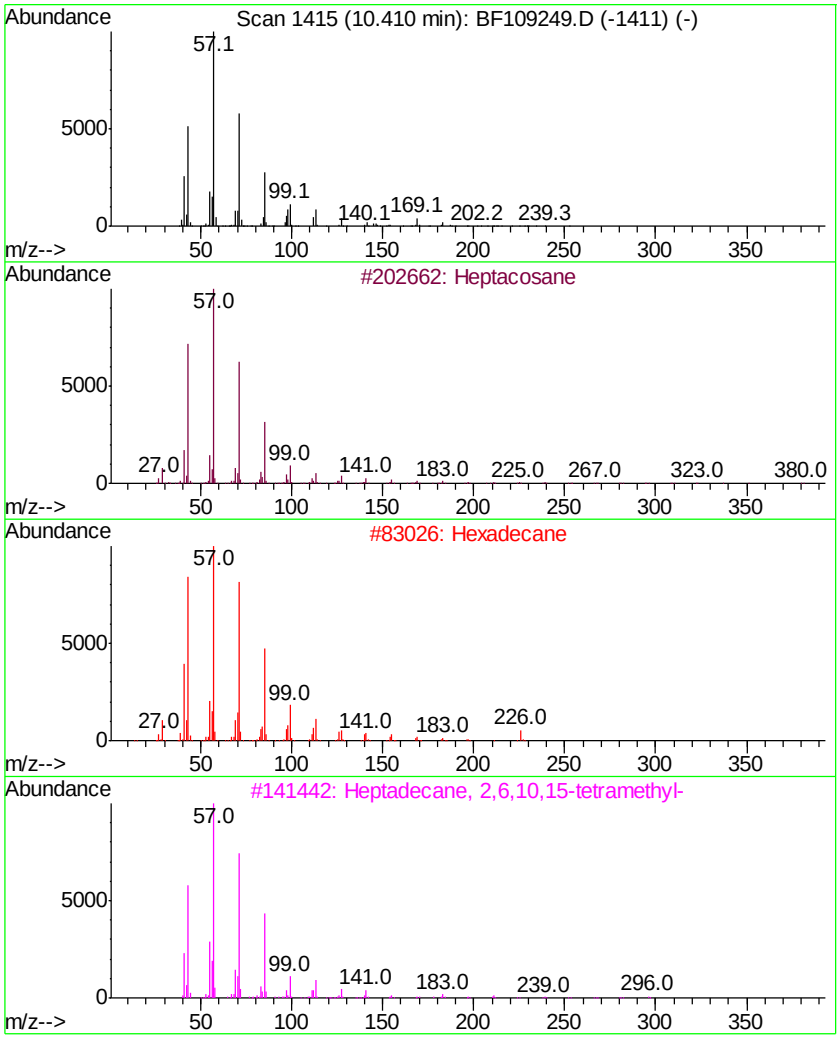
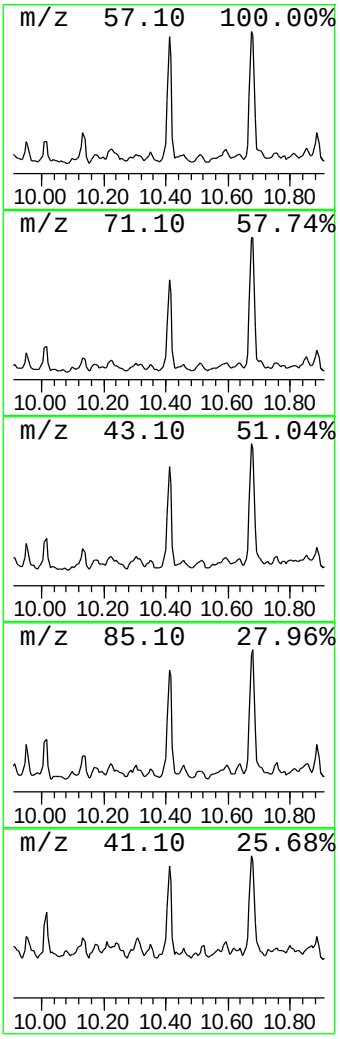
Peak Number 14 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	27.41 ng	1734590	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





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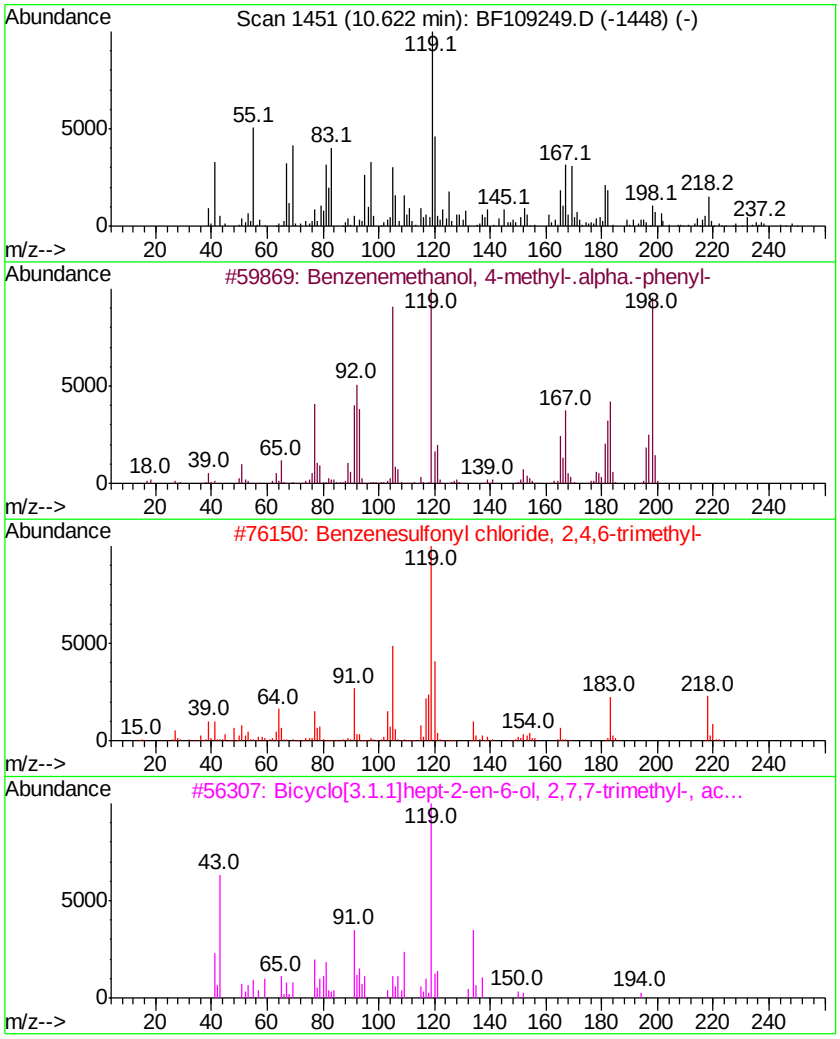
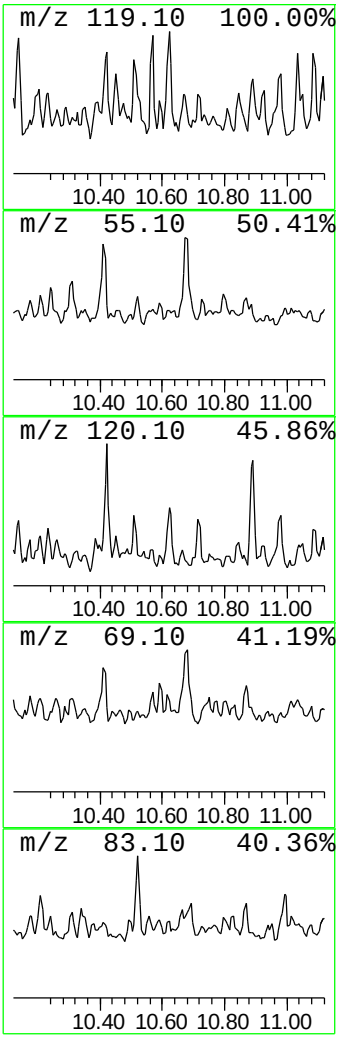
Peak Number 15 unknown10.62 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	15.50 ng	363921	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-methyl-.alpha...	198	C14H14O	001517-63-1	46
2	Benzenesulfonyl chloride, 2,4,6-...	218	C9H11ClO2S	000773-64-8	38
3	Bicyclo[3.1.1]hept-2-en-6-ol, 2,...	194	C12H18O2	050764-55-1	15
4	2,4,6-Trimethyl-benzenesulfonic ...	366	C15H11F5O3S	1000278-06-0	14
5	1,2-Phenylene bis(mesitylsulfonate)	474	C24H26O6S2	1000224-26-1	14





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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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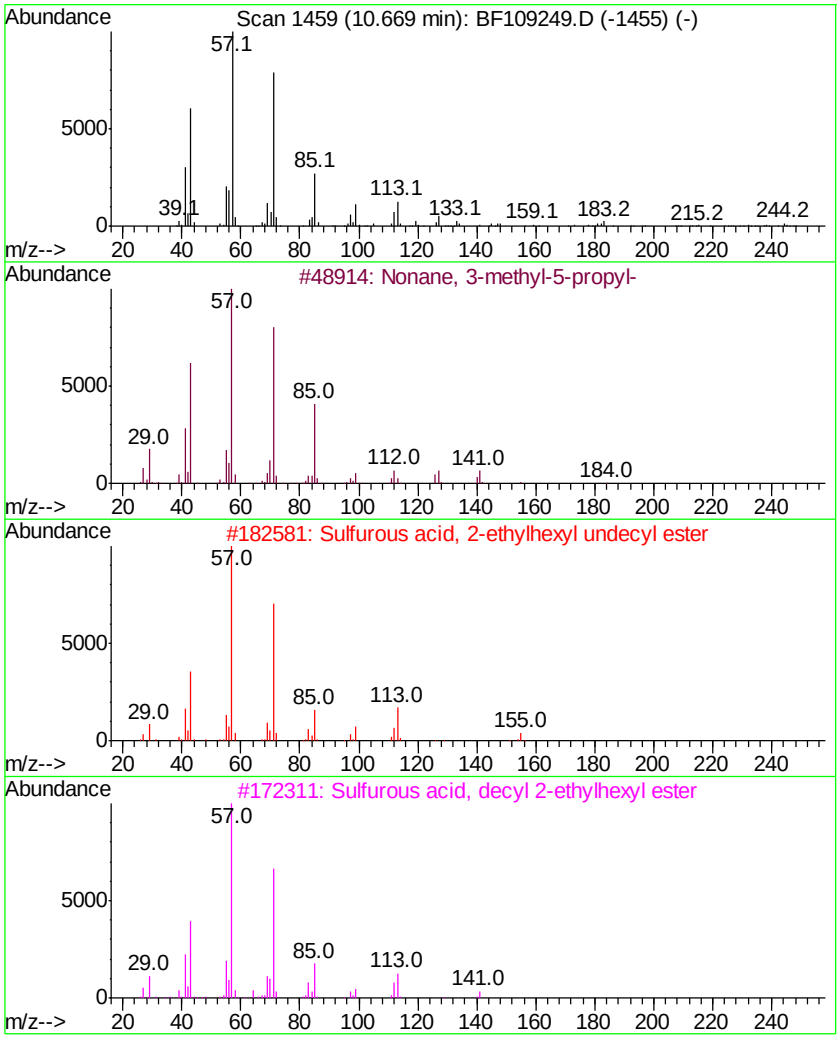
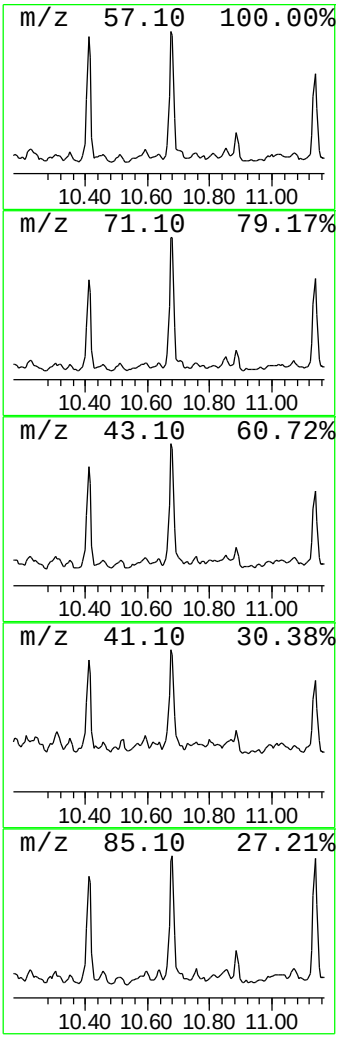
Peak Number 16 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	107.14 ng	2515130	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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TIC Library : C:\DATABASE\NIST11.L
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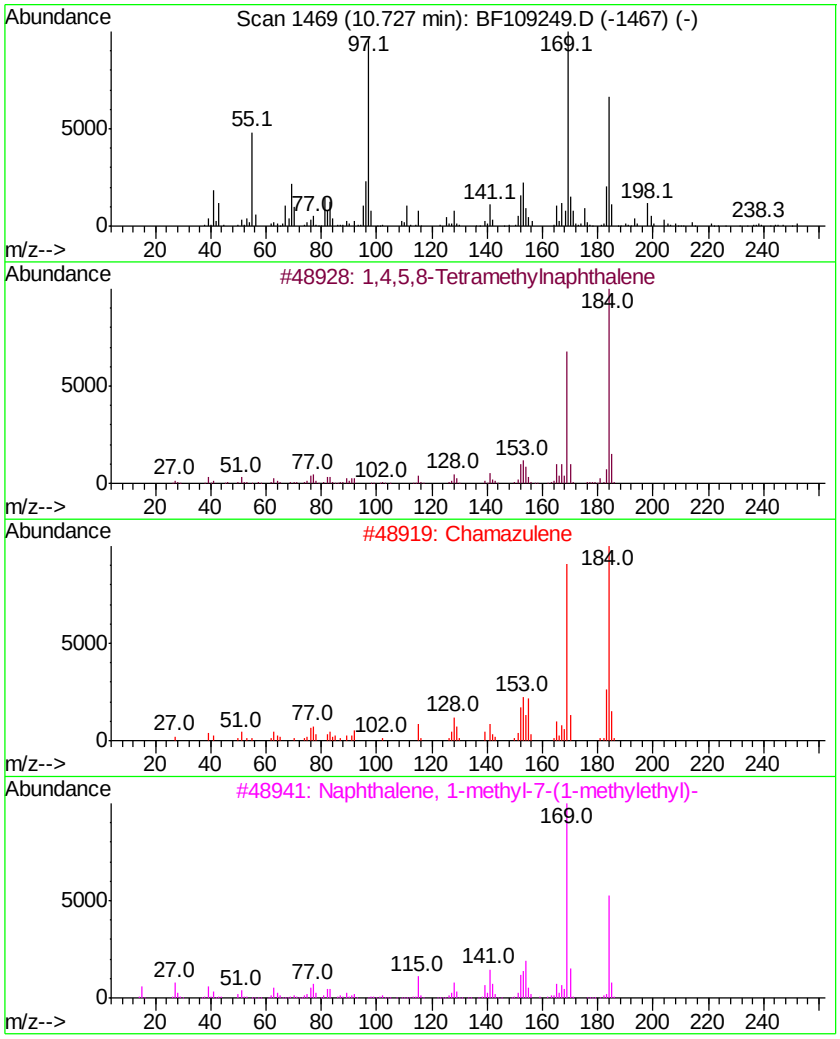
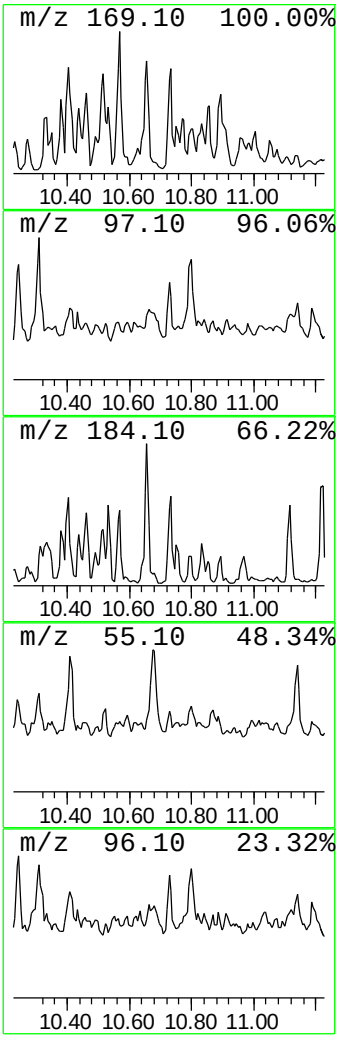
Peak Number 17 1,4,5,8-Tetramethylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	11.74 ng	275491	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	70
2	Chamazulene	184	C14H16	000529-05-5	66
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	45





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Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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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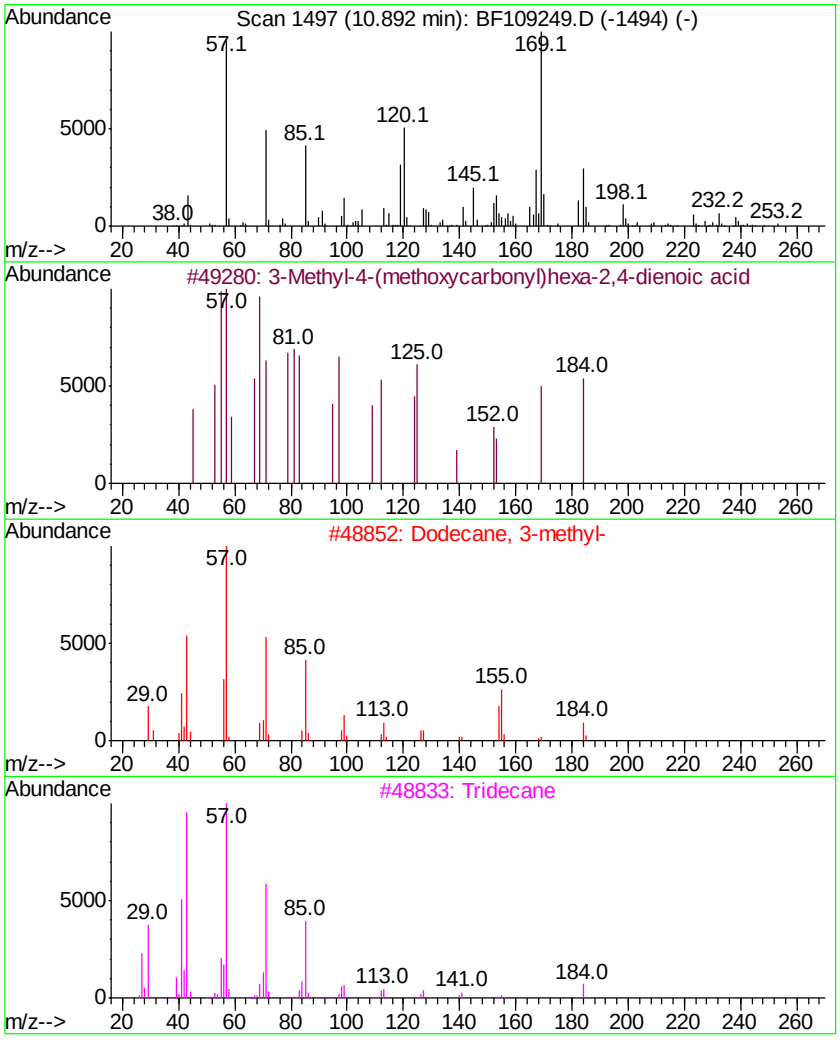
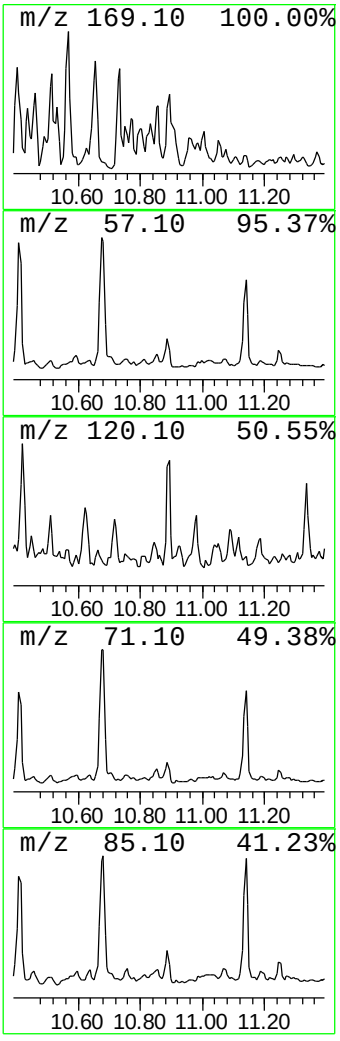
Peak Number 18 3-Methyl-4-(methoxycarbonyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	17.21 ng	404061	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	64
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	55
3	Tridecane	184	C13H28	000629-50-5	46
4	Tetradecane	198	C14H30	000629-59-4	45
5	Dodecane	170	C12H26	000112-40-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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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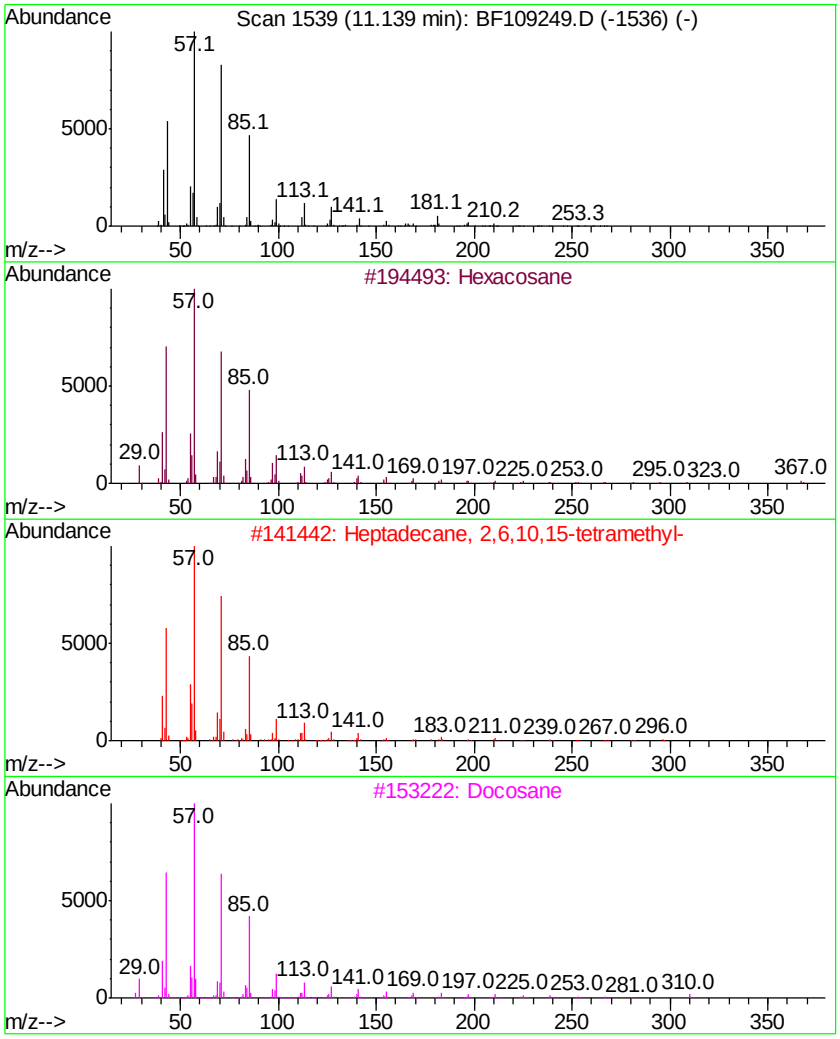
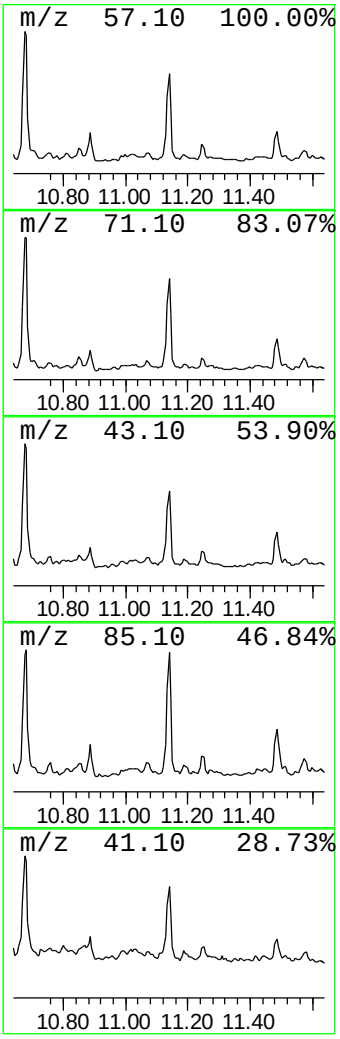
Peak Number 19 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	69.64 ng	1634770	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Docosane	310	C22H46	000629-97-0	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Tritetracontane	605	C43H88	007098-21-7	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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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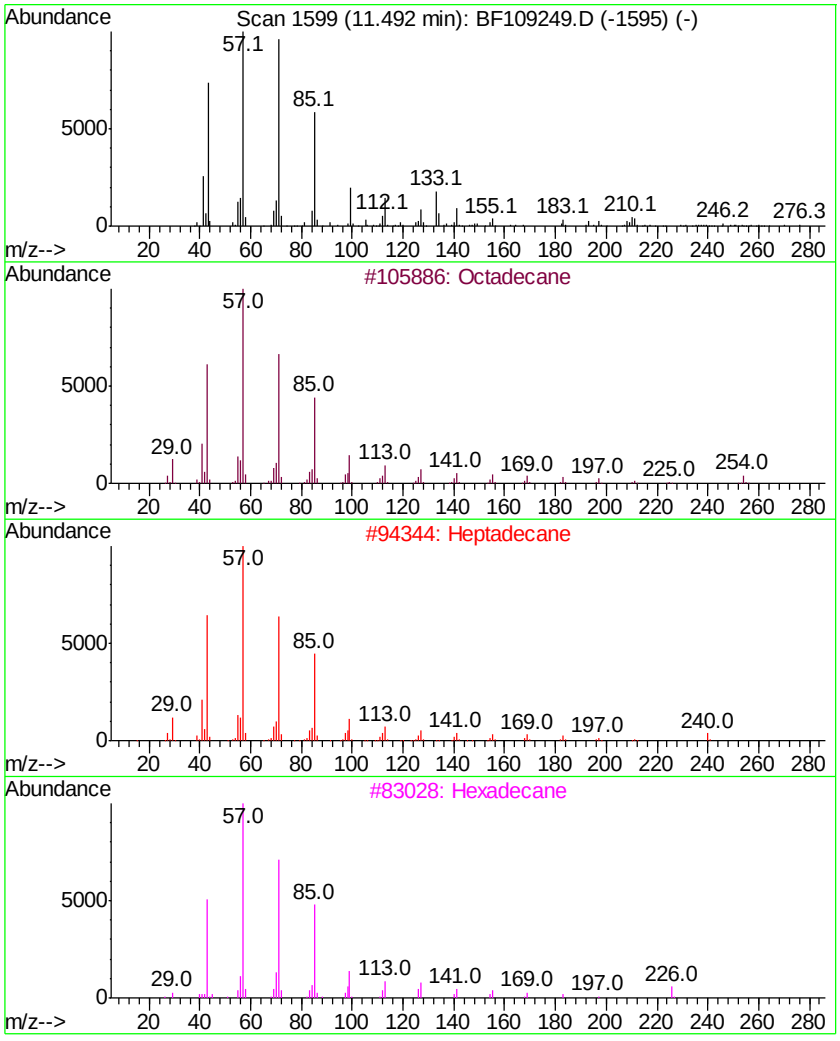
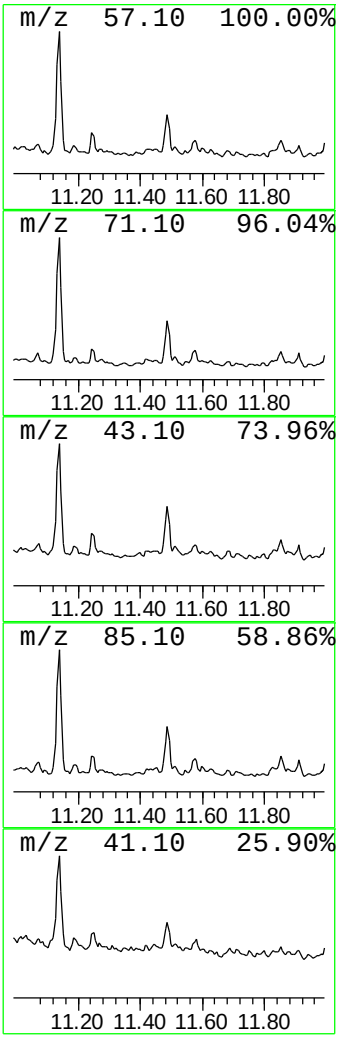
Peak Number 20 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	17.87 ng	419498	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109249.D
Acq On : 23 Sep 2018 4:39
Operator : JU/SJ
Sample : J5017-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-S-SW-058

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
unknown6.47	6.47	82.2	ng	2830020	1	6.70	688947	20.0
trans-Decalin, 2-...	7.63	8.9	ng	483786	2	7.99	1091480	20.0
Undecane, 2,6-dim...	8.07	9.7	ng	527164	2	7.99	1091480	20.0
unknown8.17	8.17	7.0	ng	381177	2	7.99	1091480	20.0
Cyclohexane, (4-m...	8.29	13.5	ng	739164	2	7.99	1091480	20.0
Octane, 2,6-dimet...	8.43	17.1	ng	932122	2	7.99	1091480	20.0
unknown8.55	8.55	7.5	ng	406671	2	7.99	1091480	20.0
unknown8.69	8.69	15.0	ng	820933	2	7.99	1091480	20.0
Heptylcyclohexane	8.91	7.2	ng	457761	3	9.74	1265480	20.0
1-Pentadecene	9.16	7.8	ng	490916	3	9.74	1265480	20.0
Heptafluorobutyri...	9.66	7.0	ng	444839	3	9.74	1265480	20.0
unknown10.02	10.02	11.6	ng	733555	3	9.74	1265480	20.0
Heptacosane	10.41	27.4	ng	1734590	3	9.74	1265480	20.0
unknown10.62	10.62	15.5	ng	363921	4	11.22	469505	20.0
Nonane, 3-methyl-...	10.67	107.1	ng	2515130	4	11.22	469505	20.0
1,4,5,8-Tetrameth...	10.73	11.7	ng	275491	4	11.22	469505	20.0
3-Methyl-4-(metho...	10.89	17.2	ng	404061	4	11.22	469505	20.0
Hexacosane	11.14	69.6	ng	1634770	4	11.22	469505	20.0
Octadecane	11.49	17.9	ng	419498	4	11.22	469505	20.0