LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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	73347	94232	3.70%	0.304%
2	5.316	544	549	552	rBV	2313252	2267846	89.15%	7.328%
3	6.345	719	724	727	rBV	2467390	2390634	93.98%	7.724%
4	6.475	739	746	749	rBV	2611586	2442055	96.00%	7.891%
5	6.539	755	757	762	rBV2	29908	42527	1.67%	0.137%
6	6.704	782	785	788	rBV	861193	694962	27.32%	2.245%
7	6.734	788	790	793	rVB	73355	63680	2.50%	0.206%
8	6.863	808	812	815	rBV	2274967	1878748	73.85%	6.070%
9	6.998	830	835	838	rVB3	34882	46328	1.82%	0.150%
10	7.110	850	854	856	rBV	60929	55631	2.19%	0.180%
11	7.269	872	881	884	rBV	1634508	1556112	61.17%	5.028%
12	7.363	892	897	901	rVB4	33073	52460	2.06%	0.170%
13	7.516	919	923	928	rVB3	40884	65883	2.59%	0.213%
14	7.633	935	943	948	rBV8	40339	86825	3.41%	0.281%
15	7.986	999	1003	1006	rBV	1103253	883459	34.73%	2.855%
16	8.069	1014	1017	1019	rBV	63624	43920	1.73%	0.142%
17	8.292	1050	1055	1058	rBV5	46178	54223	2.13%	0.175%
18	8.428	1075	1078	1082	rBV3	83750	101159	3.98%	0.327%
19	8.686	1119	1122	1126	rVB4	62872	81197	3.19%	0.262%
20	8.757	1128	1134	1135	rBV5	24615	42739	1.68%	0.138%
21	9.022	1176	1179	1182	rBV3	137725	135465	5.33%	0.438%
22	9.063	1182	1186	1189	rBV	2810042	2543836	100.00%	8.219%
23	9.163	1198	1203	1205	rBV5	73623	113756	4.47%	0.368%
24	9.269	1218	1221	1225	rBV3	83310	90691	3.57%	0.293%
25	9.457	1250	1253	1255	rBV	637942	477416	18.77%	1.543%
26	9.480	1255	1257	1259	rVB2	172996	124328	4.89%	0.402%
27	9.586	1273	1275	1278	rBV3	57763	75485	2.97%	0.244%
28	9.657	1285	1287	1290	rBV2	118800	97919	3.85%	0.316%
29	9.739	1296	1301	1305	rBV	970667	1043977	41.04%	3.373%
30	9.851	1317	1320	1324	rVB4	113559	136842	5.38%	0.442%
31	9.886	1324	1326	1328	rBV	80234	74279	2.92%	0.240%
32	9.945	1331	1336	1339	rVV3	138071	270580	10.64%	0.874%
33	9.980	1339	1342	1345	rVB	262674	213993	8.41%	0.691%
34	10.010	1345	1347	1350	rBV3	241483	203685	8.01%	0.658%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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	10.057	1352	1355	1357	rBV	319946	307497	12.09%	0.994%
36	10.110	1361	1364	1366	rBV4	137897	160136	6.30%	0.517%
37	10.157	1366	1372	1377	rVB5	140554	337811	13.28%	1.092%
38	10.233	1383	1385	1388	rVB4	127395	100491	3.95%	0.325%
39	10.280	1390	1393	1395	rBV3	172686	136608	5.37%	0.441%
40	10.310	1395	1398	1400	rBV4	157377	176157	6.92%	0.569%
41	10.404	1411	1414	1417	rVB2	459586	509471	20.03%	1.646%
42	10.486	1426	1428	1430	rBV3	147044	162100	6.37%	0.524%
43	10.522	1430	1434	1438	rVB4	1409111	1350215	53.08%	4.363%
44	10.563	1438	1441	1443	rBV2	256864	240790	9.47%	0.778%
45	10.610	1447	1449	1452	rBV2	174621	203620	8.00%	0.658%
46	10.651	1454	1456	1457	rVV	235050	189135	7.44%	0.611%
47	10.674	1457	1460	1466	rVB	1051736	940246	36.96%	3.038%
48	10.727	1466	1469	1471	rBV2	367570	323356	12.71%	1.045%
49	10.751	1471	1473	1474	rBV3	143419	115123	4.53%	0.372%
50	11.116	1532	1535	1536	rBV	361597	331727	13.04%	1.072%
51	11.139	1536	1539	1545	rVB	1772408	1853579	72.87%	5.989%
52	11.216	1550	1552	1555	rVB	598069	459150	18.05%	1.484%
53	11.251	1556	1558	1564	rBV4	309767	473454	18.61%	1.530%
54	11.492	1596	1599	1602	rBV	936305	979107	38.49%	3.164%
55	11.551	1607	1609	1611	rVB	465124	349511	13.74%	1.129%
56	12.227	1722	1724	1729	rVB2	1062054	1168783	45.95%	3.776%
57	12.816	1821	1824	1829	rBV2	1348358	1534179	60.31%	4.957%

Sum of corrected areas: 30949118

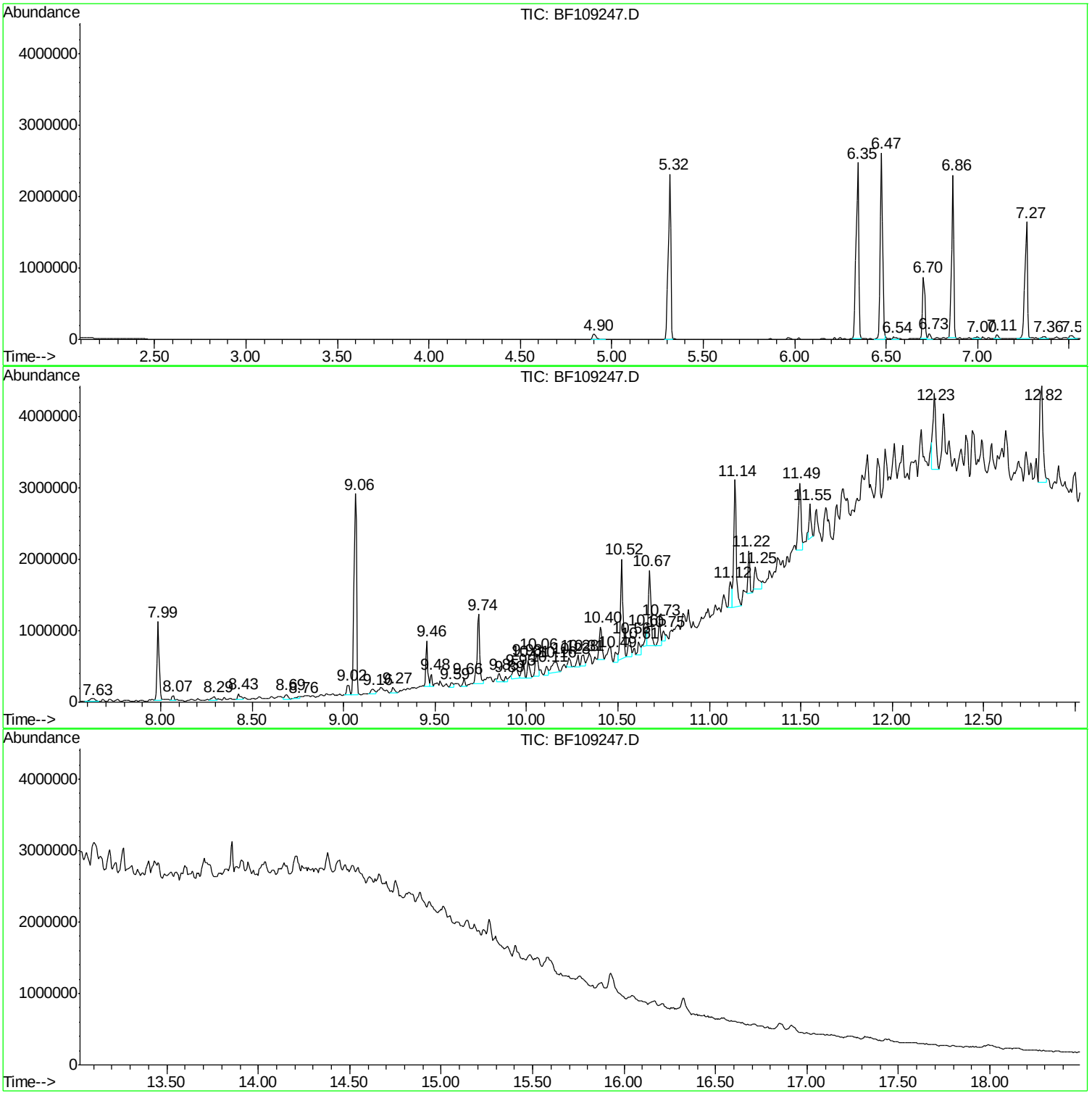
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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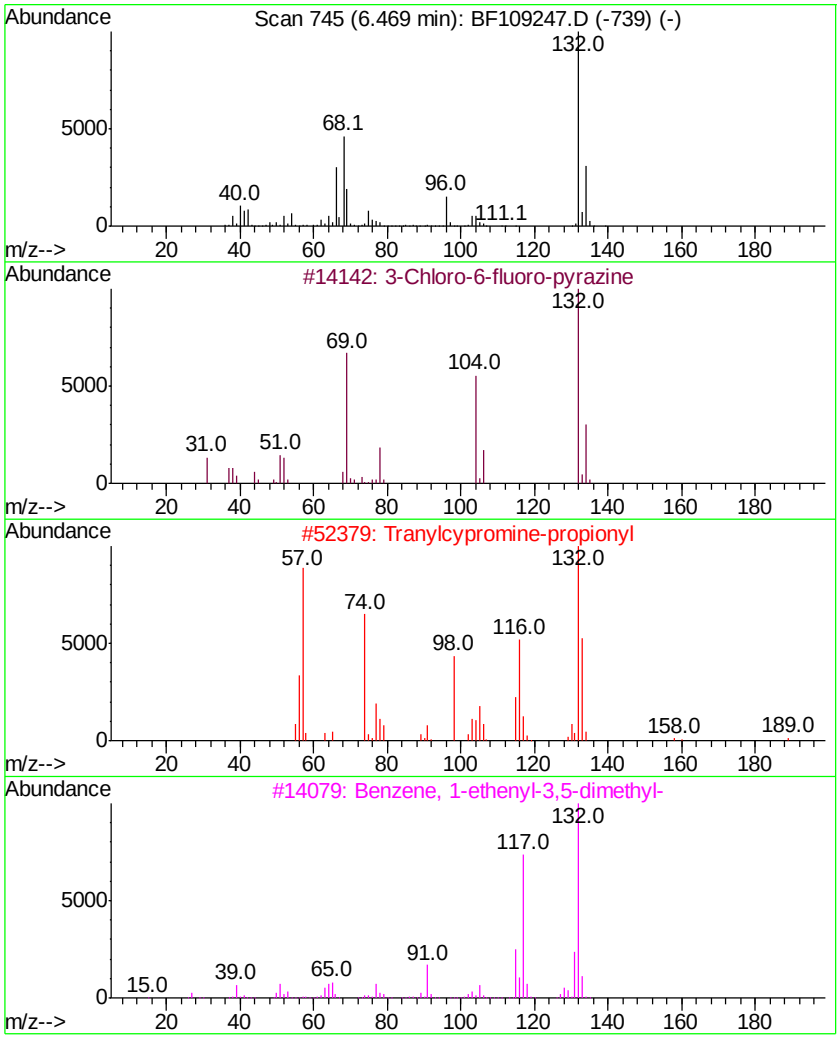
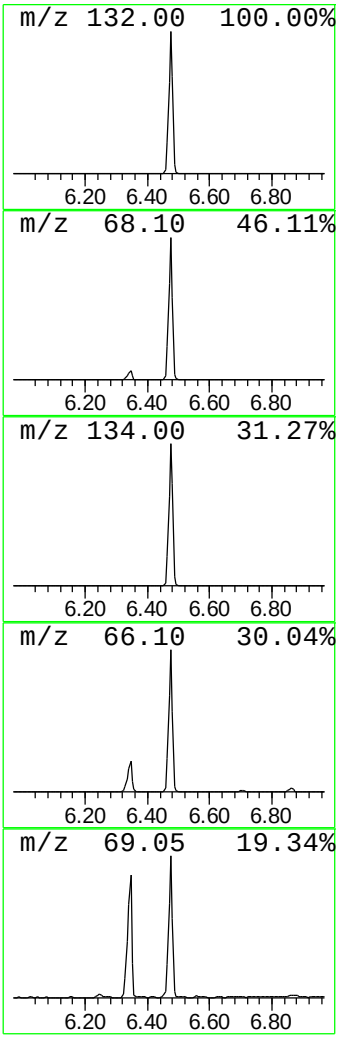
Peak Number 1 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	70.28 ng	2442060	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	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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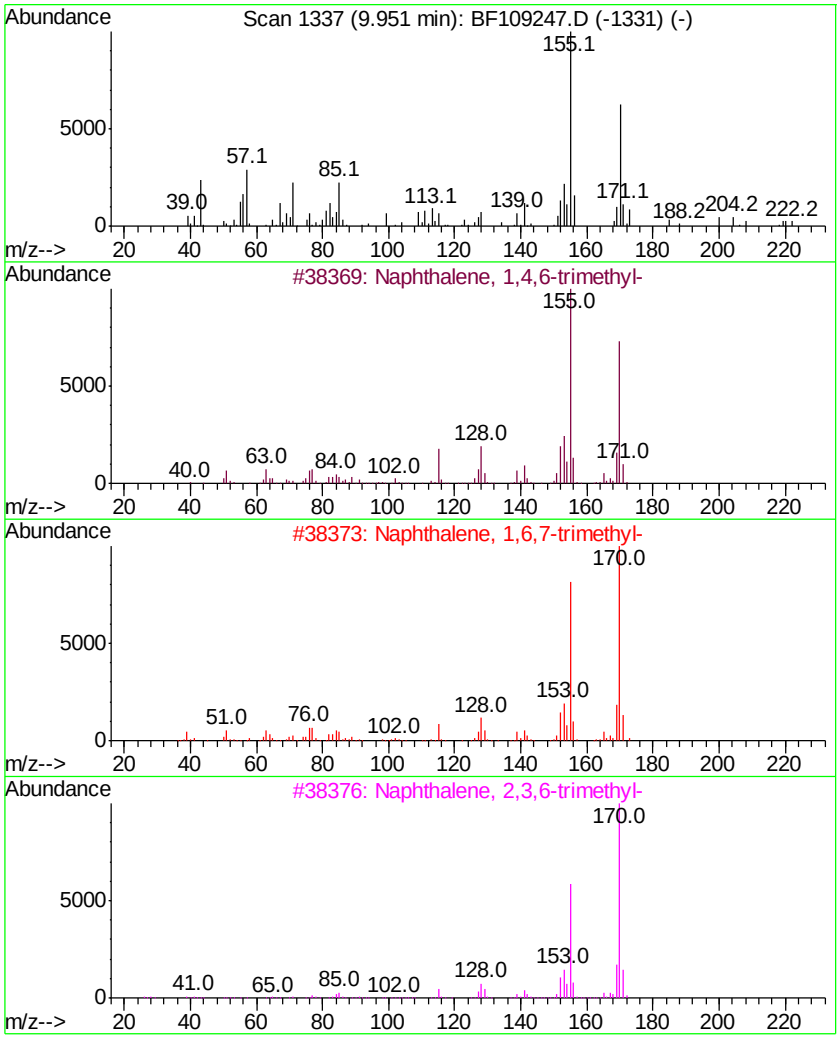
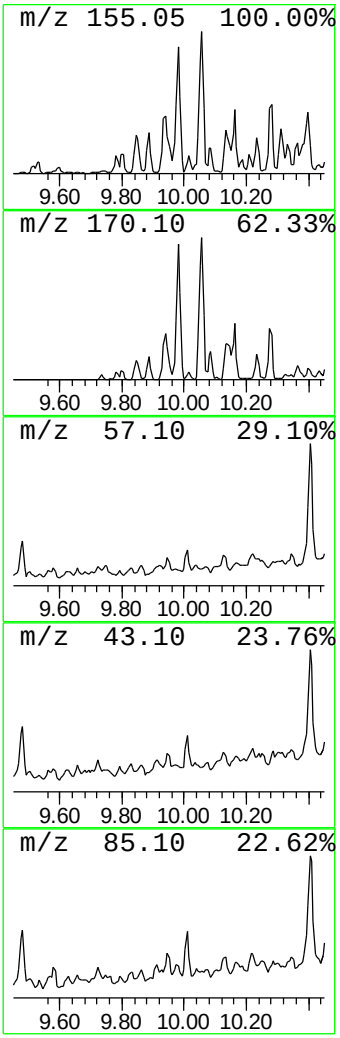
Peak Number 3 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	5.18 ng	270580	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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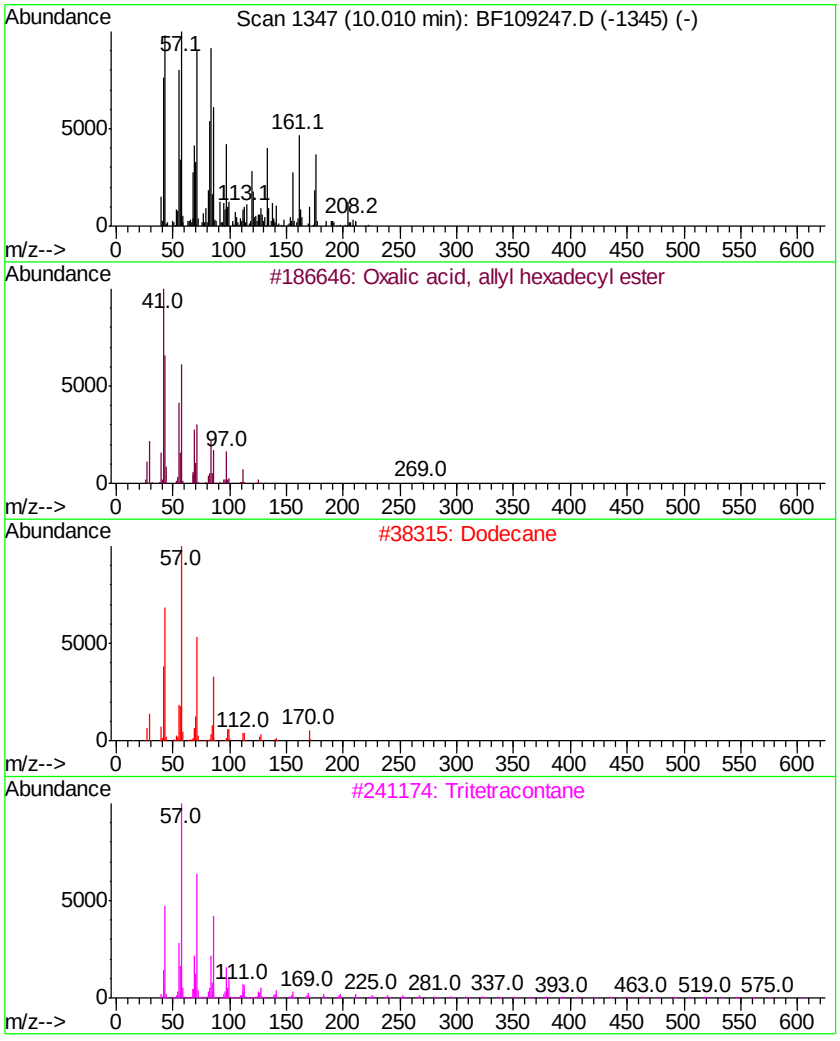
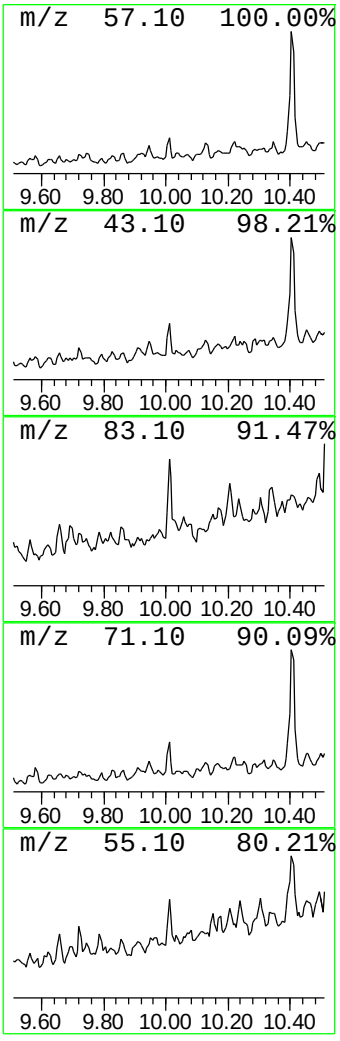
Peak Number 5 unknown10.01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	3.90 ng	203685	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	43
2	Dodecane	170	C12H26	000112-40-3	35
3	Tritetracontane	605	C43H88	007098-21-7	25
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	25
5	Nonadecane	268	C19H40	000629-92-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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

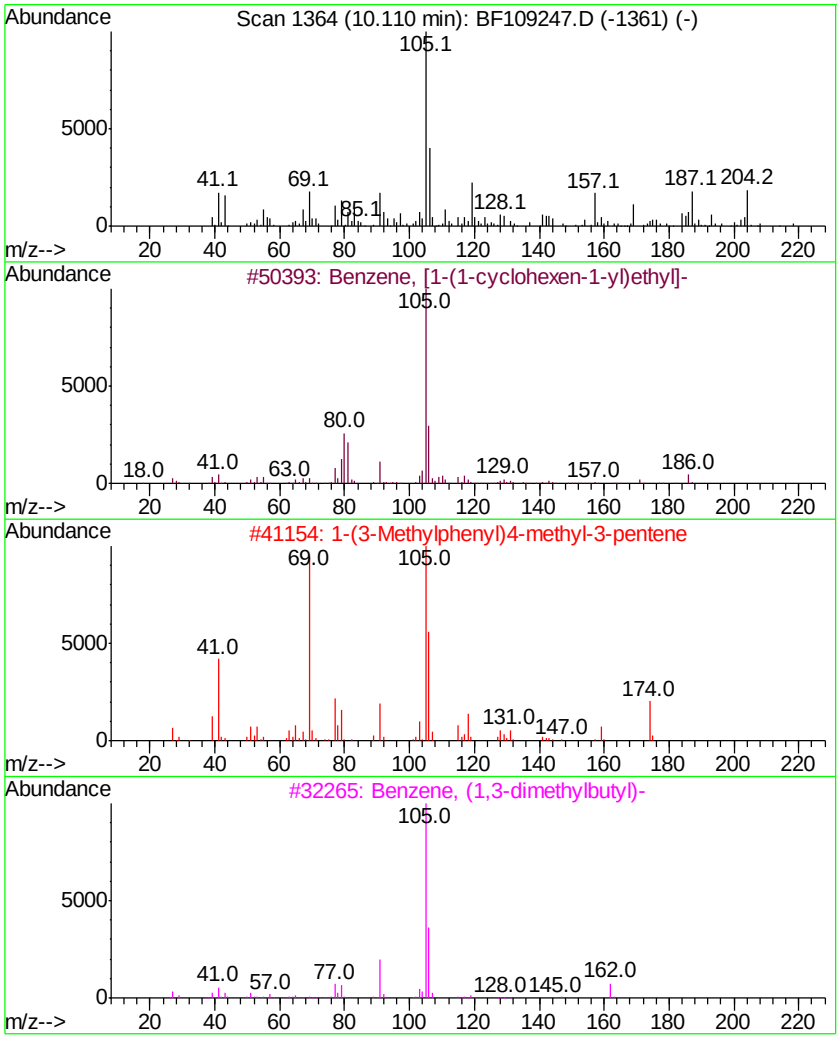
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

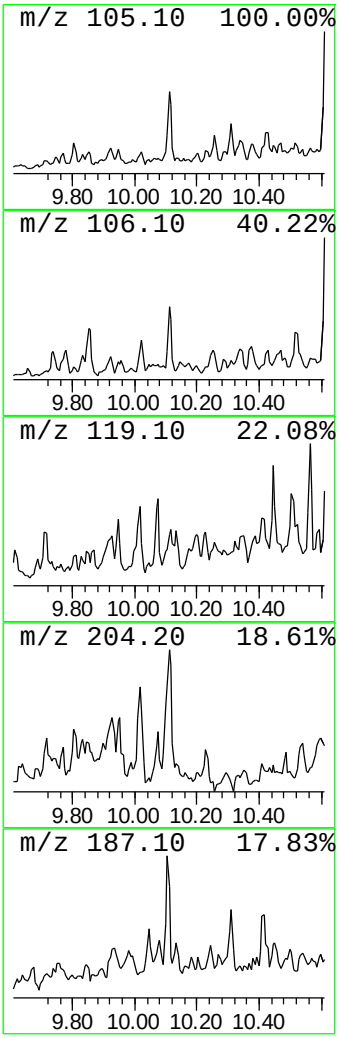
****

Peak Number 7 unknown10.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	3.07 ng	160136	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(1-cyclohexen-1-yl)e...	186	C14H18	054774-82-2	43
2	1-(3-Methylphenyl)4-methyl-3-pen...	174	C13H18	051082-26-9	41
3	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	35
4	(4-Methylphenyl) methanol, n-pro...	164	C11H16O	1000374-65-4	25
5	(4-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-65-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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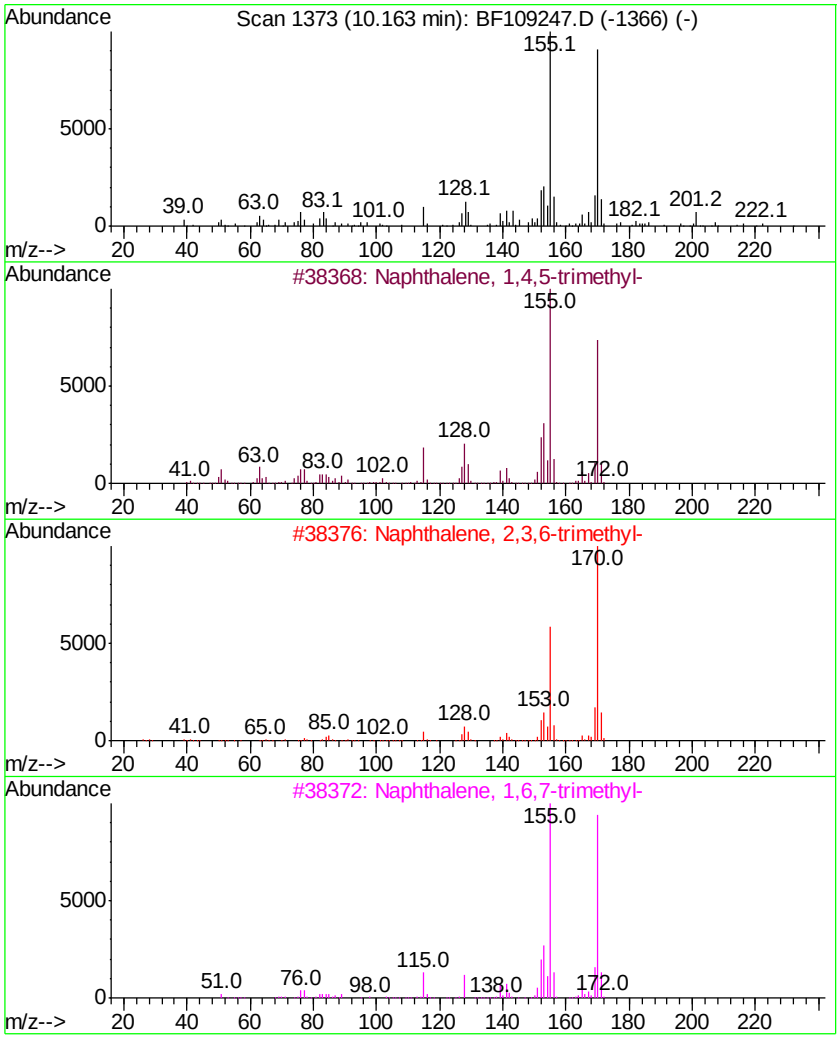
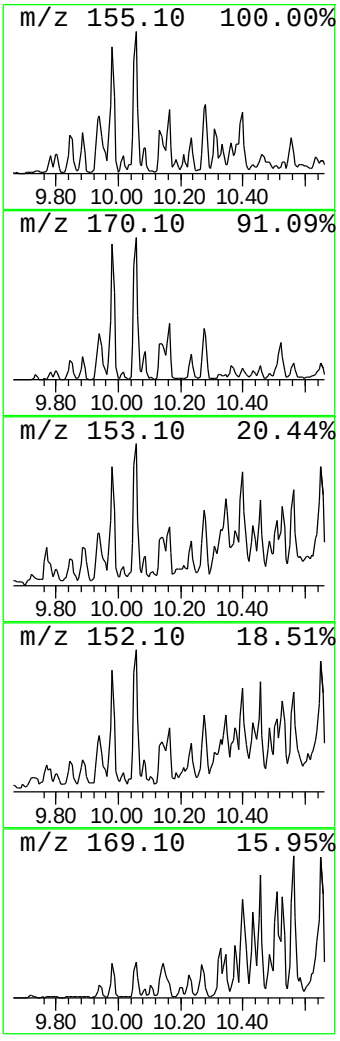
Peak Number 8 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	6.47 ng	337811	Acenaphthene-d10	9.74

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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

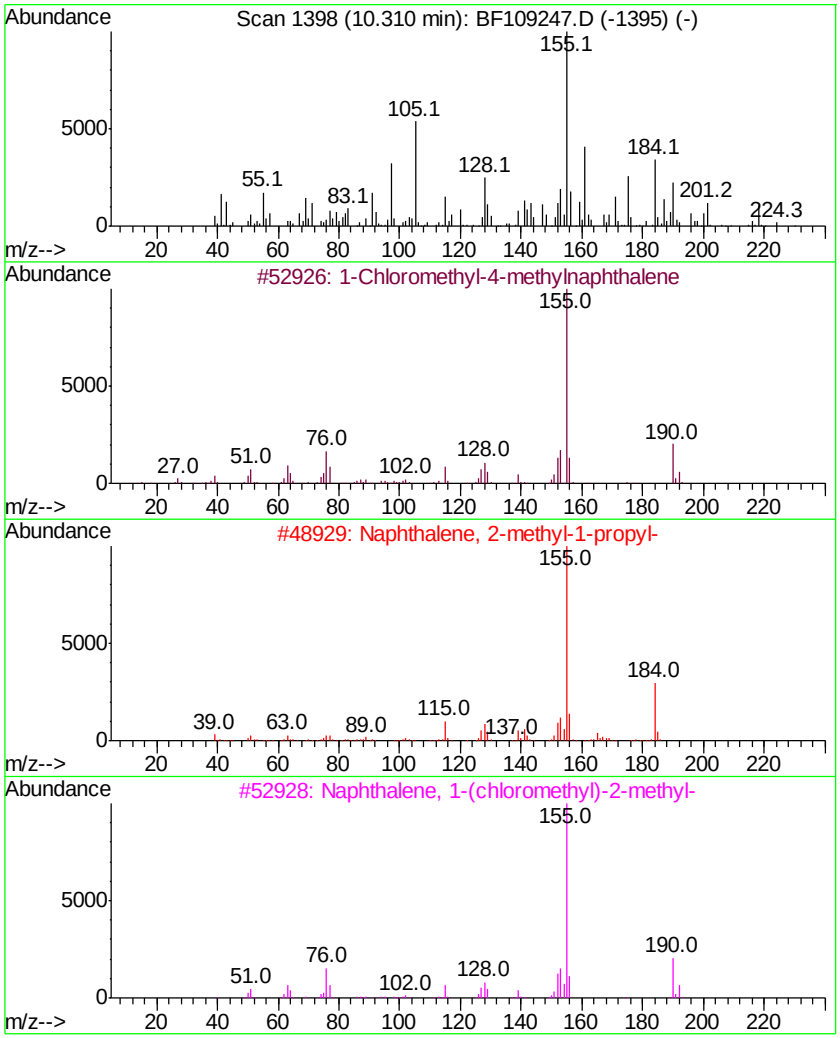
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

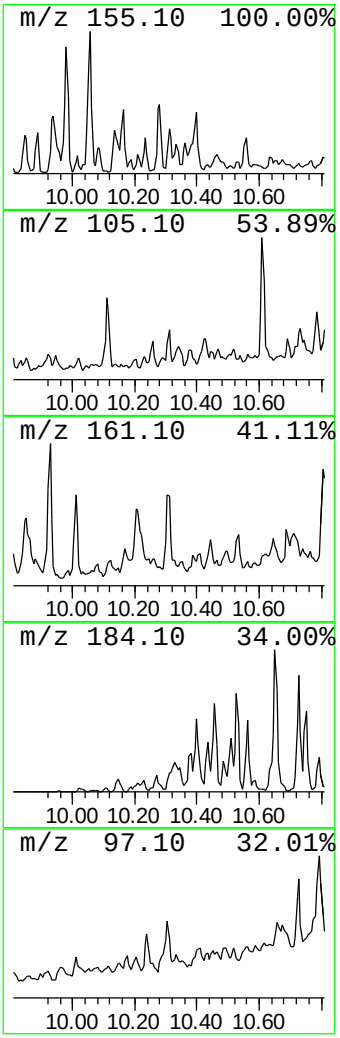
****

Peak Number 9 unknown10.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.37 ng	176157	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloromethyl-4-methylnaphthalene	190	C12H11Cl	005261-50-7	45
2	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	41
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	38
4	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	35
5	2,3-Dipropyl-cyclopropanecarboxy...	198	C12H22O2	1000193-94-4	35





Library Search Compound Report

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Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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

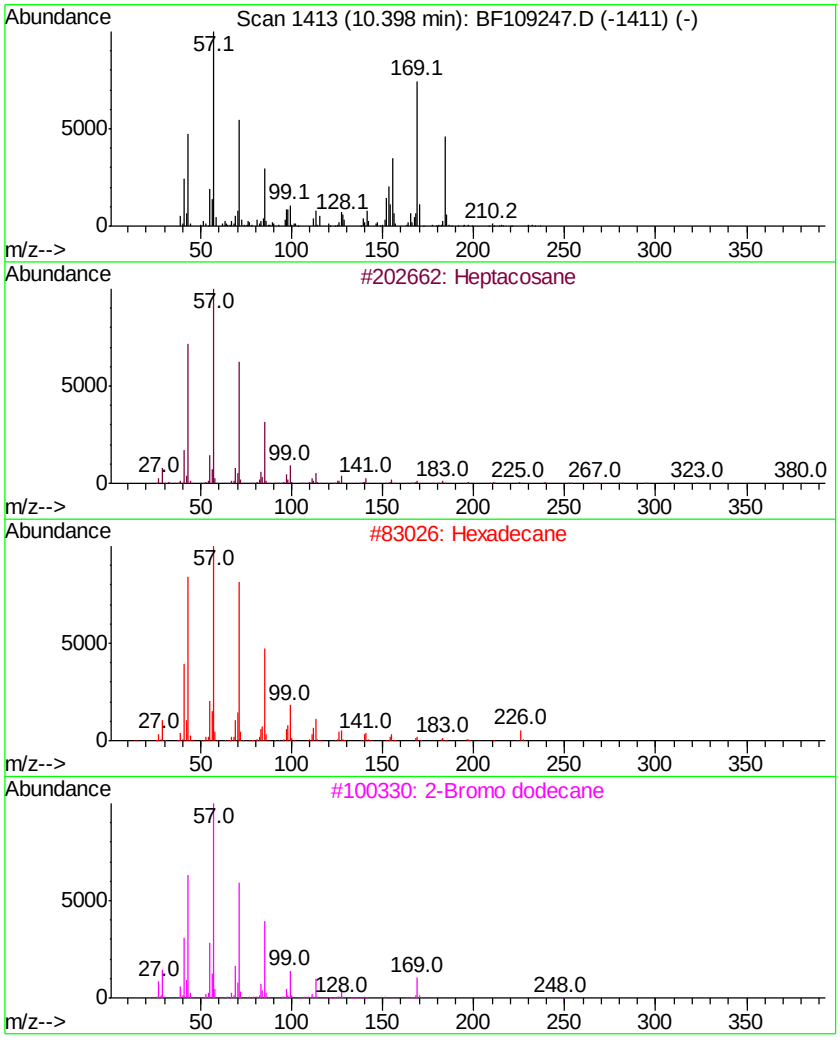
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

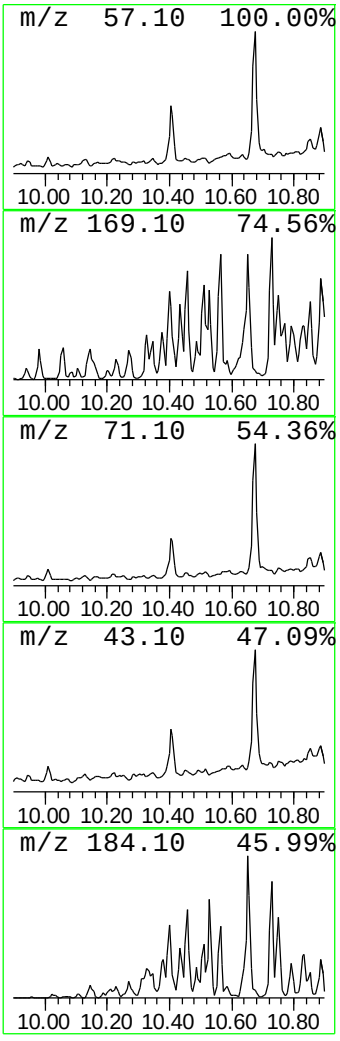
****

Peak Number 10 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	9.76 ng	509471	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Hexadecane	226	C16H34	000544-76-3	58
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	50
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	49
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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

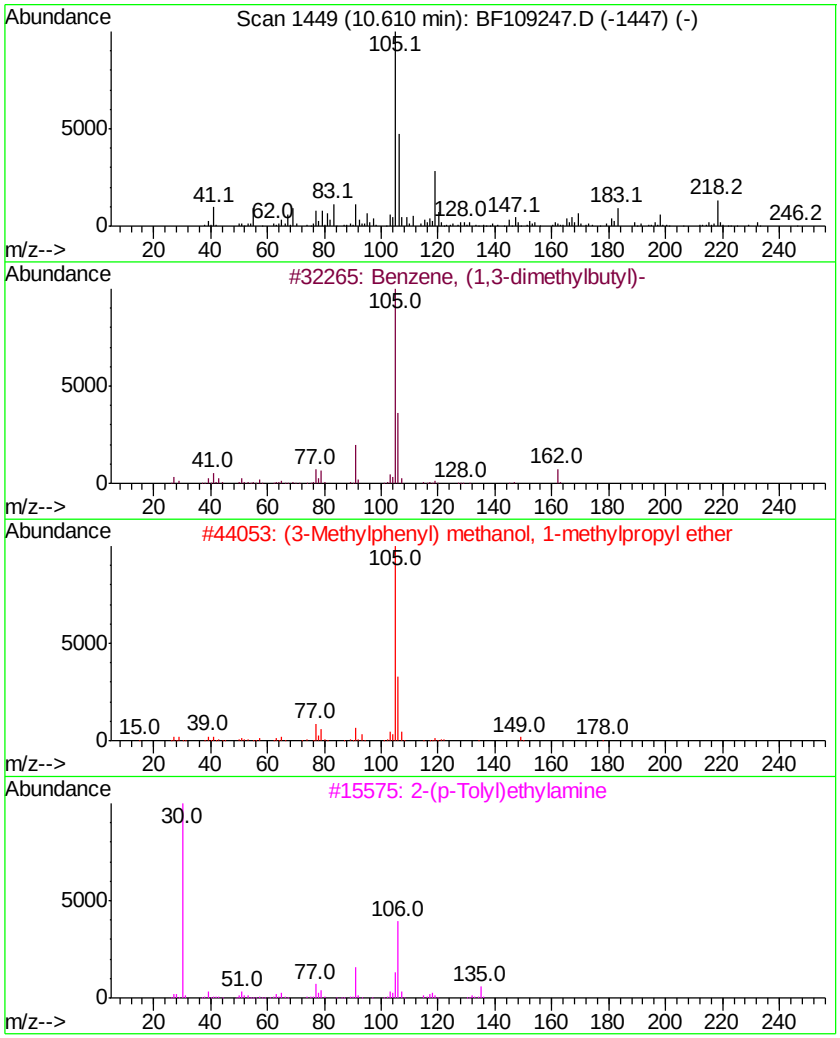
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

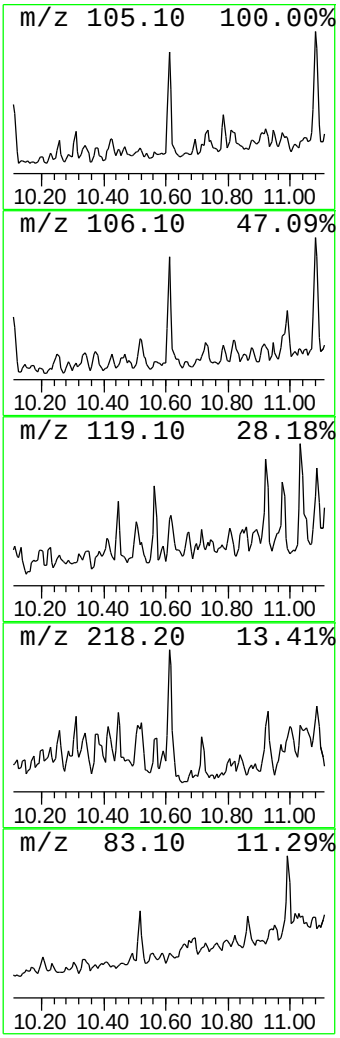
****

Peak Number 11 unknown10.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	8.87 ng	203620	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	38
2	(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	38
3	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	35
4	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	27
5	(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	27





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Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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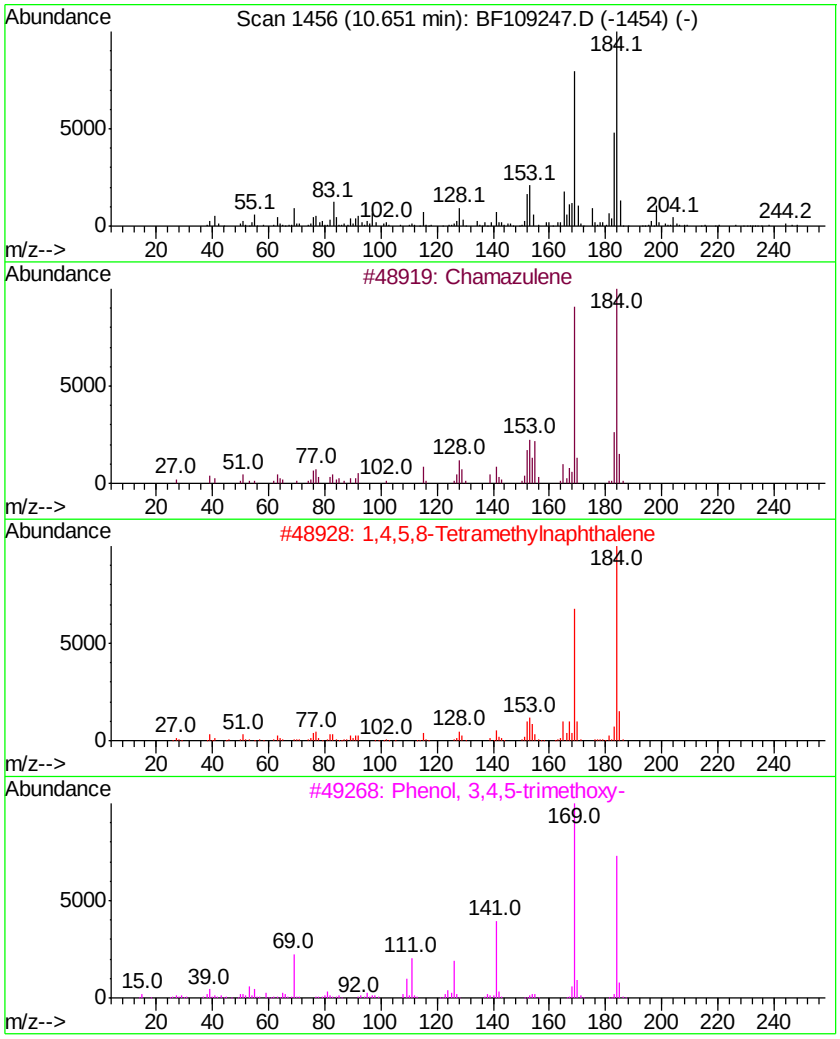
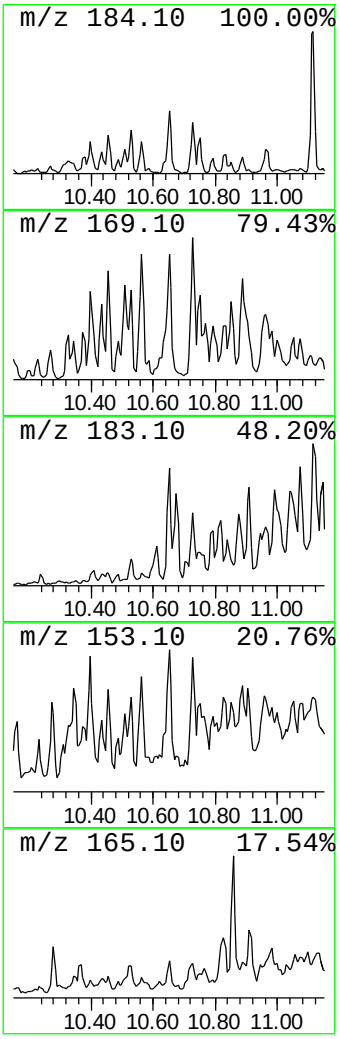
Peak Number 12 Chamazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	8.24 ng	189135	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	90
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
3	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	50
4	p-Benzylphenol	184	C13H12O	000101-53-1	50
5	2,2'-Bipyridine, 4,4'-dimethyl-	184	C12H12N2	001134-35-6	38





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Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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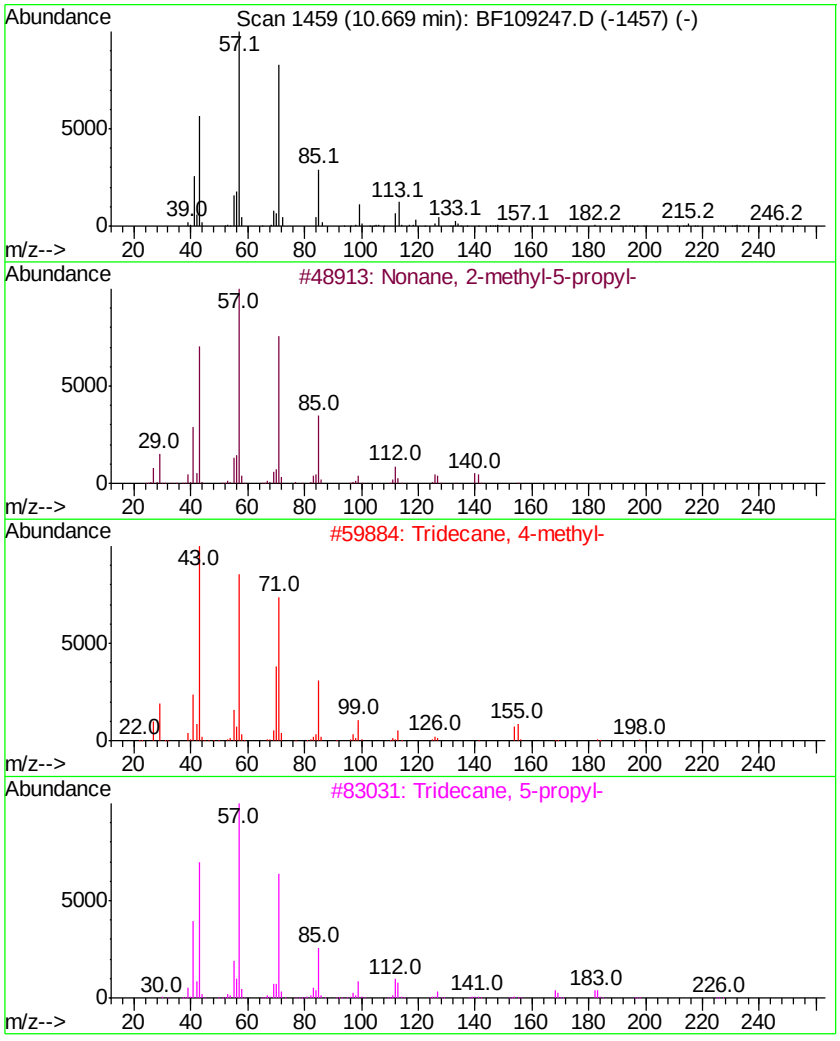
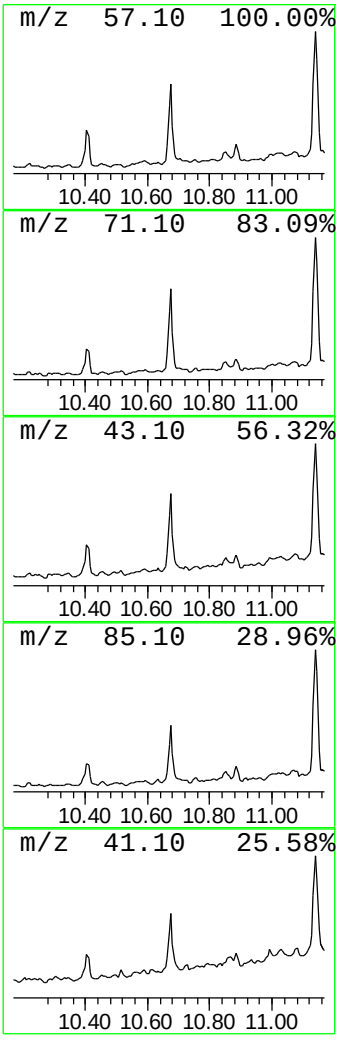
Peak Number 13 Nonane, 2-methyl-5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	40.96 ng	940246	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	78
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53





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Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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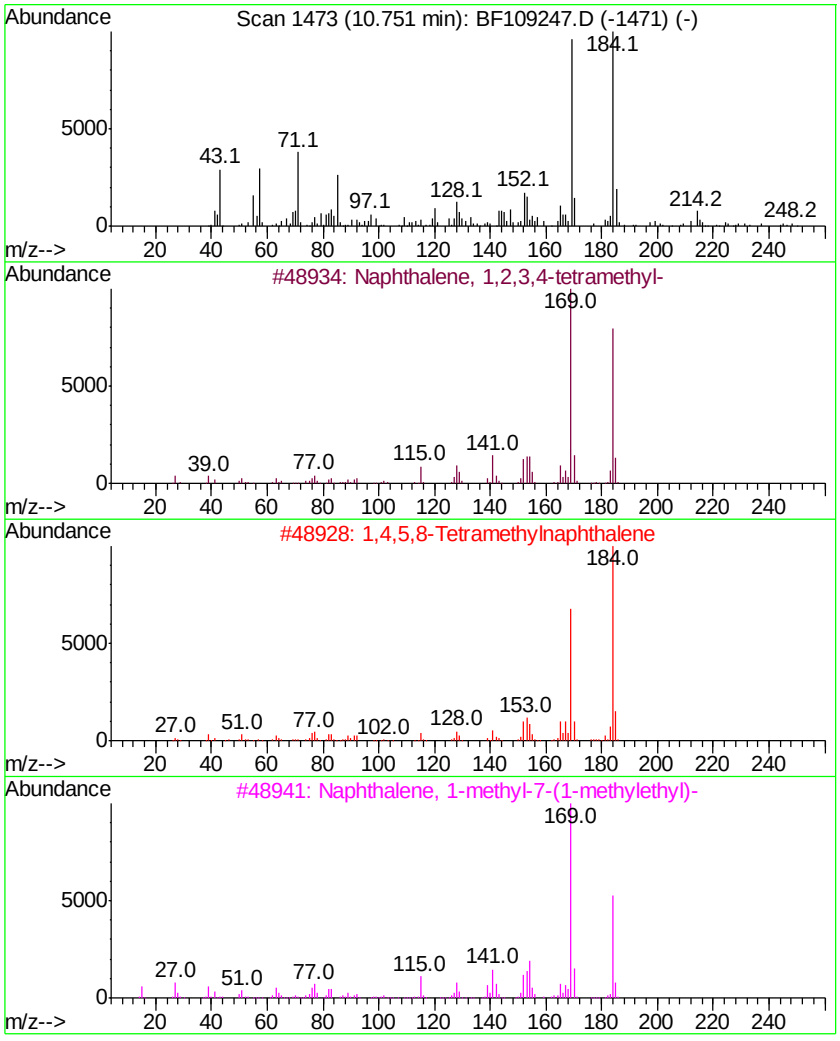
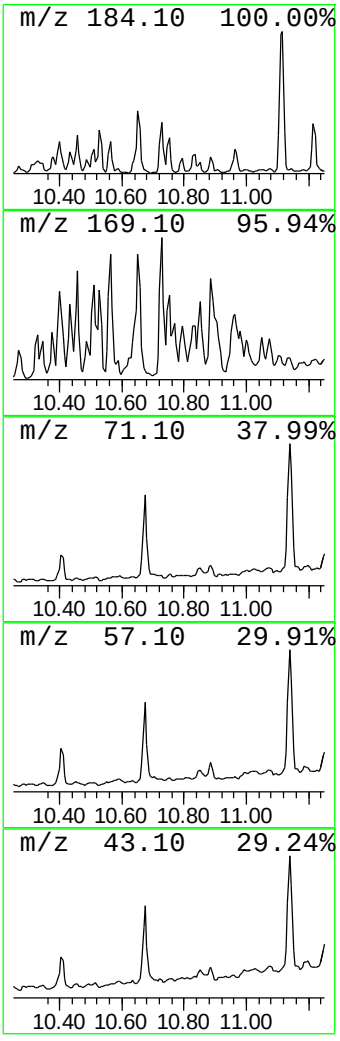
Peak Number 15 Naphthalene, 1,2,3,4-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	5.01 ng	115123	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	87
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	83
4	Chamazulene	184	C14H16	000529-05-5	83
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	80





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Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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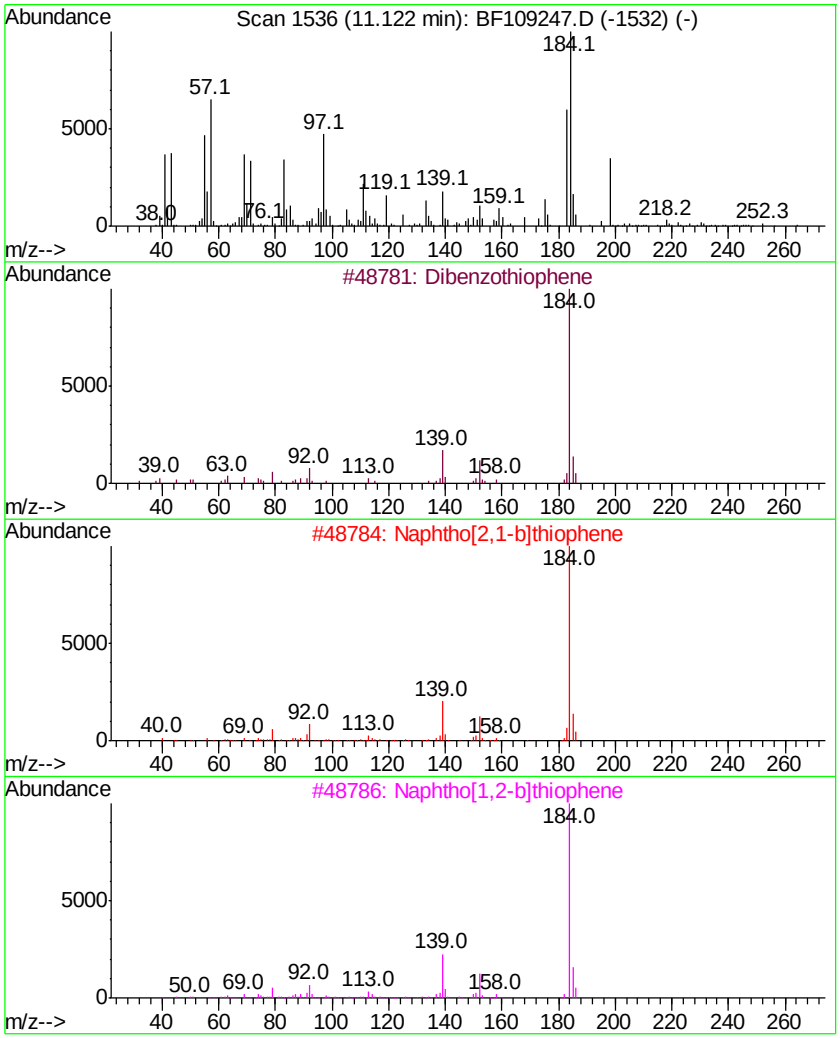
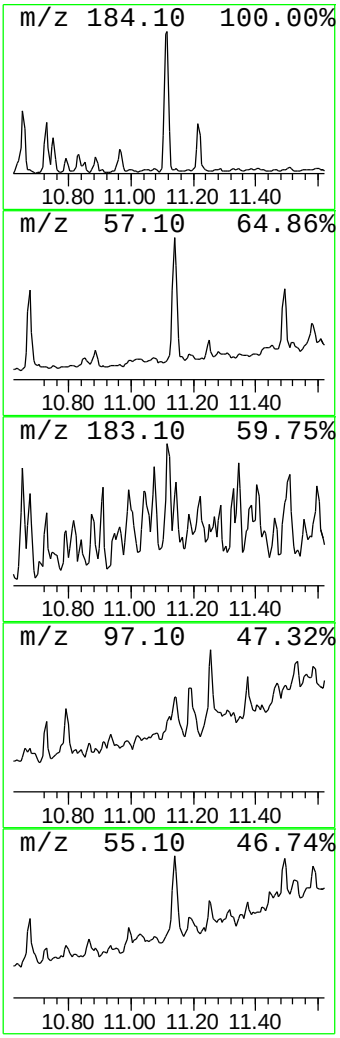
Peak Number 16 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	14.45 ng	331727	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	74





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Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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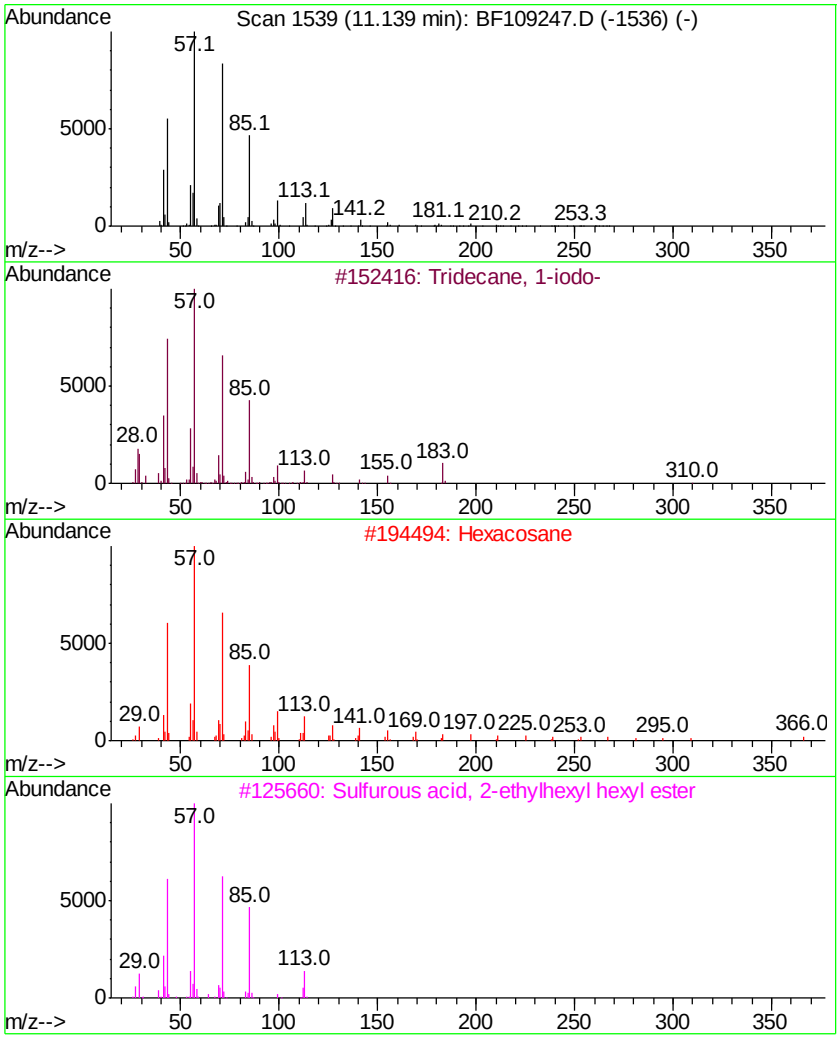
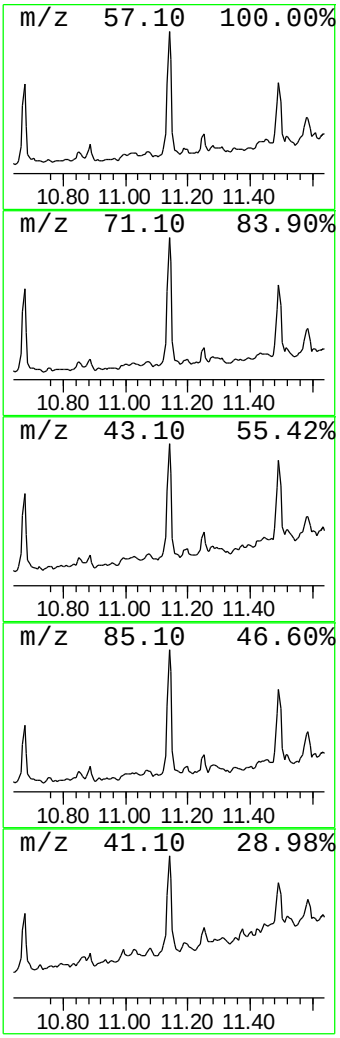
Peak Number 17 Tridecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	80.74 ng	1853580	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Hexacosane	366	C26H54	000630-01-3	83
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	78
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72





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Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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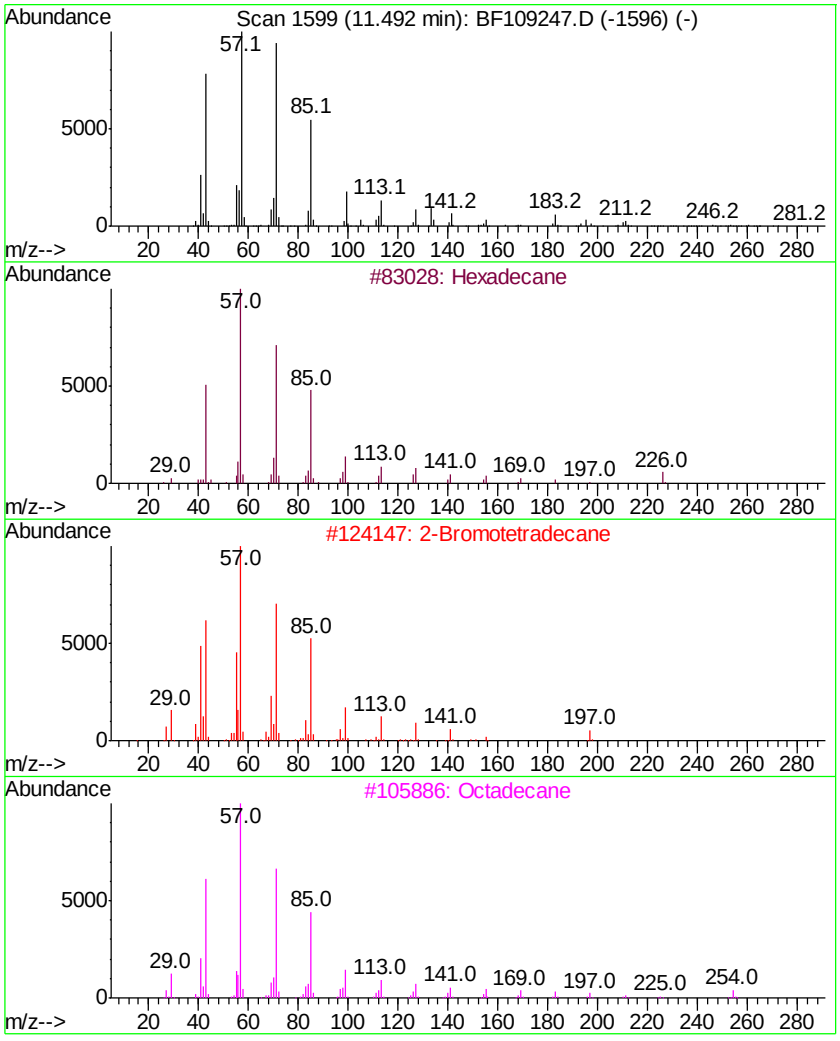
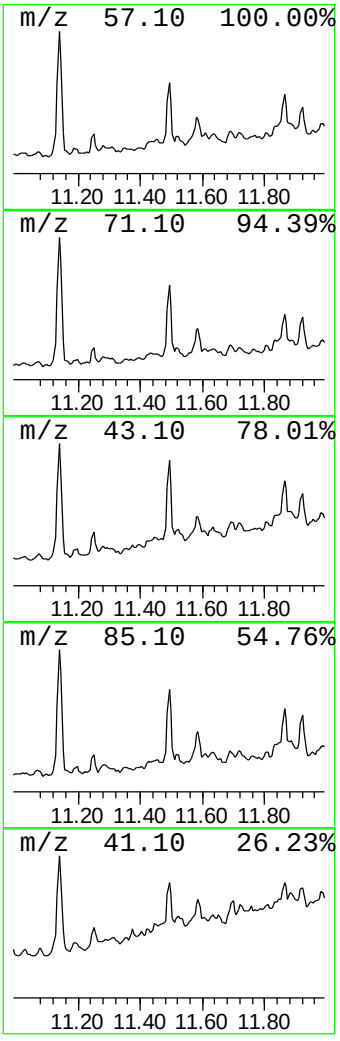
Peak Number 18 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	42.65 ng	979107	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
5	Tetradecane	198	C14H30	000629-59-4	80





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Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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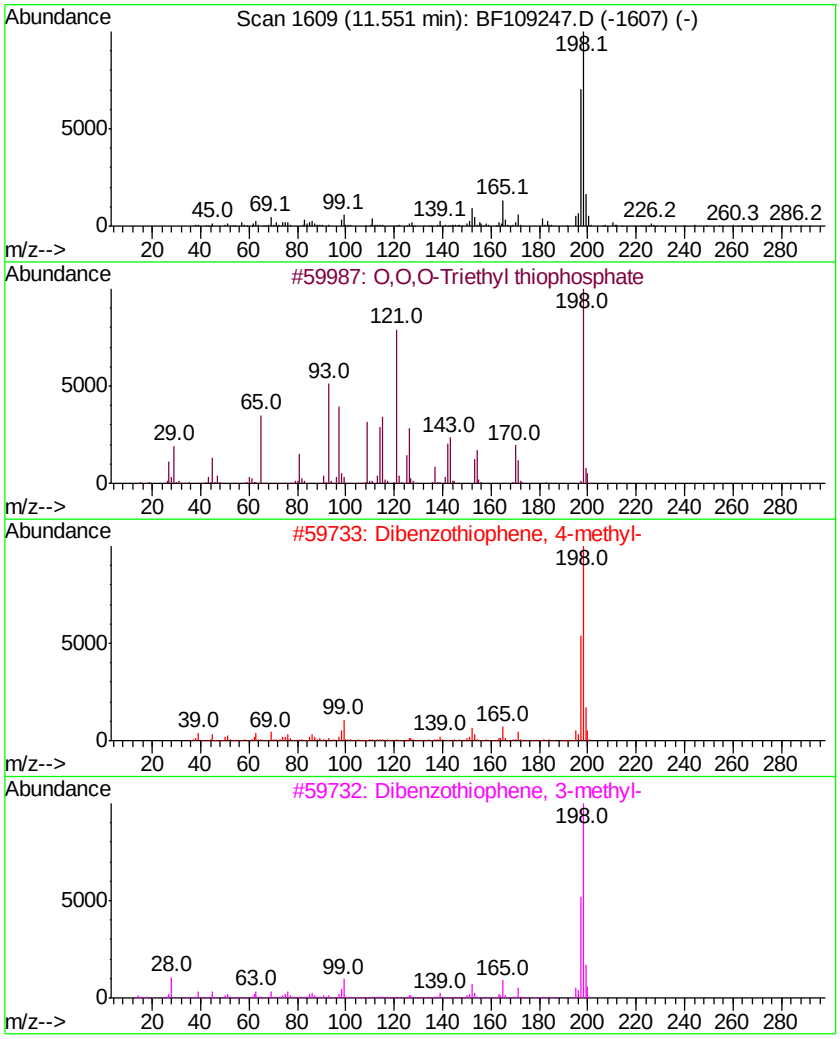
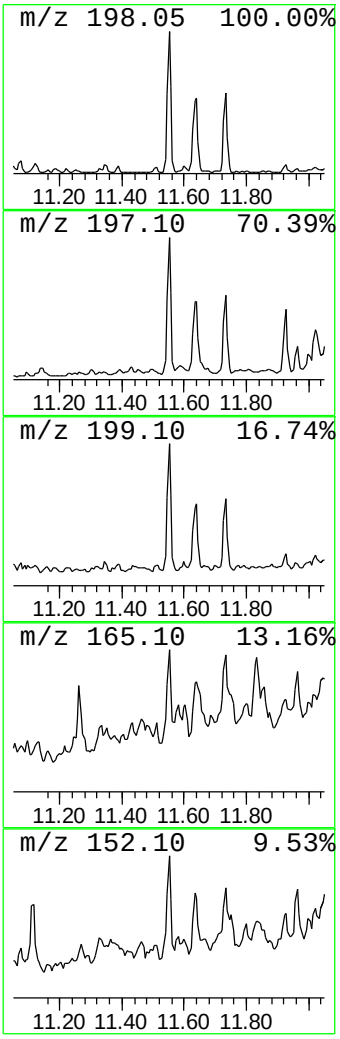
Peak Number 19 O,O,O-Triethyl thiophosphate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	15.22 ng	349511	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93





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Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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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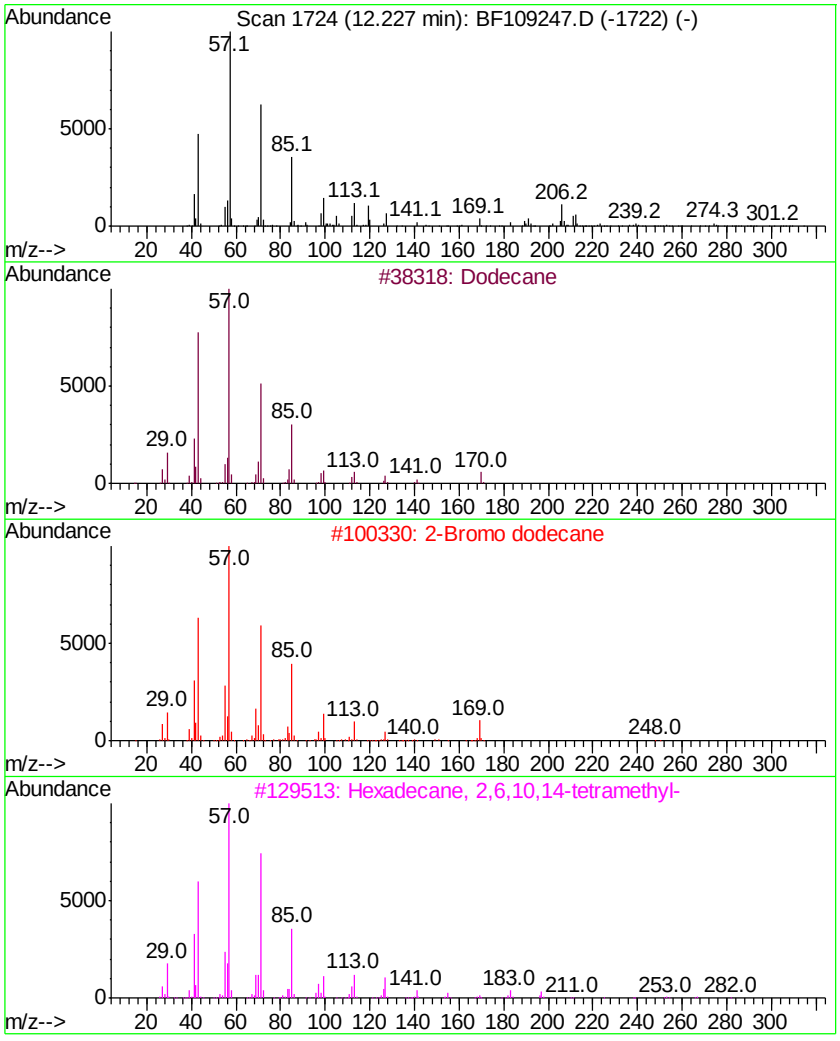
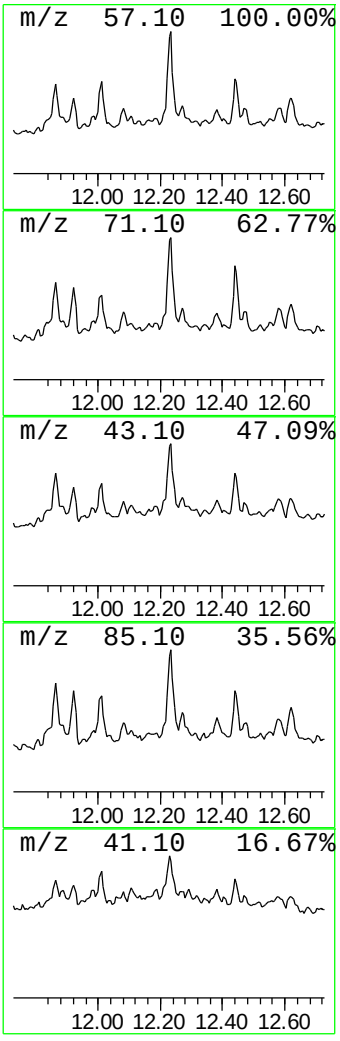
Peak Number 20 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	50.91 ng	1168780	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Hexacosane	366	C26H54	000630-01-3	59





Tentatively Identified Compound (LSC) summary

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Data File : BF109247.D
Acq On : 23 Sep 2018 3:45
Operator : JU/SJ
Sample : J5017-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-091918-N-FL-056

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			
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unknown6.47	6.47	70.3	ng	2442060	1	6.70	694962	20.0
Naphthalene, 1,4,...	9.95	5.2	ng	270580	3	9.74	1043980	20.0
unknown10.01	10.01	3.9	ng	203685	3	9.74	1043980	20.0
unknown10.11	10.11	3.1	ng	160136	3	9.74	1043980	20.0
Naphthalene, 1,4,...	10.16	6.5	ng	337811	3	9.74	1043980	20.0
unknown10.31	10.31	3.4	ng	176157	3	9.74	1043980	20.0
Heptacosane	10.40	9.8	ng	509471	3	9.74	1043980	20.0
unknown10.61	10.61	8.9	ng	203620	4	11.22	459150	20.0
Chamazulene	10.65	8.2	ng	189135	4	11.22	459150	20.0
Nonane, 2-methyl-...	10.67	41.0	ng	940246	4	11.22	459150	20.0
Naphthalene, 1,2,...	10.75	5.0	ng	115123	4	11.22	459150	20.0
Dibenzothiophene	11.12	14.4	ng	331727	4	11.22	459150	20.0
Tridecane, 1-iodo-	11.14	80.7	ng	1853580	4	11.22	459150	20.0
Hexadecane	11.49	42.6	ng	979107	4	11.22	459150	20.0
O,O,O-Triethyl th...	11.55	15.2	ng	349511	4	11.22	459150	20.0
Dodecane	12.23	50.9	ng	1168780	4	11.22	459150	20.0