LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	492	496	515	rBV	204901	367709	16.76%	1.124%
2	5.410	562	565	592	rBV	1469491	2193930	100.00%	6.707%
3	6.428	735	738	757	rBV	1411405	2067676	94.25%	6.321%
4	6.563	757	761	767	rVV	1934432	2041050	93.03%	6.240%
5	6.610	767	769	776	rVB3	43474	55546	2.53%	0.170%
6	6.787	796	799	810	rBV	525759	577956	26.34%	1.767%
7	6.939	822	825	840	rBV	1565647	1641728	74.83%	5.019%
8	7.357	893	896	914	rBV	1054278	1267782	57.79%	3.876%
9	8.069	1014	1017	1020	rBV	647101	605516	27.60%	1.851%
10	8.092	1020	1021	1036	rVB	209660	236953	10.80%	0.724%
11	8.351	1057	1065	1069	rBV10	13621	23404	1.07%	0.072%
12	8.645	1112	1115	1119	rVB	28504	27521	1.25%	0.084%
13	8.733	1123	1130	1136	rVB9	12310	33714	1.54%	0.103%
14	8.786	1136	1139	1145	rBV	95614	106189	4.84%	0.325%
15	8.886	1152	1156	1160	rBV	80927	78542	3.58%	0.240%
16	9.139	1196	1199	1208	rBV	2137238	1867056	85.10%	5.708%
17	9.210	1208	1211	1215	rVB	82774	73368	3.34%	0.224%
18	9.251	1215	1218	1222	rBV	31379	34734	1.58%	0.106%
19	9.345	1232	1234	1242	rVB2	19022	29618	1.35%	0.091%
20	9.416	1242	1246	1250	rBV2	40766	67419	3.07%	0.206%
21	9.486	1254	1258	1260	rVV	70453	80851	3.69%	0.247%
22	9.516	1260	1263	1265	rVV	78597	93516	4.26%	0.286%
23	9.539	1265	1267	1274	rVV2	111440	164849	7.51%	0.504%
24	9.604	1275	1278	1285	rVB	31625	61015	2.78%	0.187%
25	9.692	1287	1293	1296	rBV	152044	177820	8.11%	0.544%
26	9.739	1299	1301	1305	rVB	135120	95578	4.36%	0.292%
27	9.822	1312	1315	1319	rBV2	650884	584224	26.63%	1.786%
28	9.857	1319	1321	1328	rVB	186186	179130	8.16%	0.548%
29	9.975	1337	1341	1343	rBV3	23856	30400	1.39%	0.093%
30	10.033	1347	1351	1354	rVV2	109645	125133	5.70%	0.383%
31	10.063	1354	1356	1360	rVB3	37927	47400	2.16%	0.145%
32	10.139	1365	1369	1372	rBV2	39238	42846	1.95%	0.131%
33	10.175	1372	1375	1379	rVB3	21349	24418	1.11%	0.075%
34	10.216	1379	1382	1383	rBV	35581	34609	1.58%	0.106%

LSC Area Percent Report

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Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.239	1383	1386	1390	rVV	146788	131109	5.98%	0.401%
36	10.286	1391	1394	1398	rVB2	25880	27273	1.24%	0.083%
37	10.375	1406	1409	1415	rVB	239924	243741	11.11%	0.745%
38	10.457	1415	1423	1426	rBV3	70694	113965	5.19%	0.348%
39	10.533	1434	1436	1439	rVB2	33638	29306	1.34%	0.090%
40	10.622	1447	1451	1463	rBV	974297	1104706	50.35%	3.377%
41	10.710	1463	1466	1474	rVB	135207	167909	7.65%	0.513%
42	10.927	1498	1503	1506	rBV3	46432	61767	2.82%	0.189%
43	10.951	1506	1507	1513	rVB2	24063	26038	1.19%	0.080%
44	11.004	1513	1516	1519	rVB3	27235	22900	1.04%	0.070%
45	11.074	1526	1528	1534	rVB6	21731	27152	1.24%	0.083%
46	11.157	1539	1542	1545	rVV2	92405	92209	4.20%	0.282%
47	11.216	1549	1552	1557	rVB	94738	85472	3.90%	0.261%
48	11.316	1566	1569	1571	rBV	780193	675077	30.77%	2.064%
49	11.339	1571	1573	1578	rVB	1298405	1103365	50.29%	3.373%
50	11.392	1579	1582	1587	rVV	372685	368641	16.80%	1.127%
51	11.563	1608	1611	1613	rBV	111264	111973	5.10%	0.342%
52	11.586	1613	1615	1617	rVB2	58202	44583	2.03%	0.136%
53	11.651	1623	1626	1630	rVV2	28783	25765	1.17%	0.079%
54	11.686	1630	1632	1637	rVB	46295	37064	1.69%	0.113%
55	11.733	1637	1640	1644	rBV	21635	24769	1.13%	0.076%
56	11.816	1651	1654	1657	rBV	179604	184848	8.43%	0.565%
57	11.851	1657	1660	1665	rVV	200792	208434	9.50%	0.637%
58	11.898	1665	1668	1670	rVV2	108988	91648	4.18%	0.280%
59	11.933	1670	1674	1676	rVV2	306215	329739	15.03%	1.008%
60	11.951	1676	1677	1681	rVB	101240	89568	4.08%	0.274%
61	11.992	1681	1684	1686	rBV	58334	45428	2.07%	0.139%
62	12.110	1701	1704	1709	rBV2	107358	115318	5.26%	0.353%
63	12.169	1712	1714	1719	rVB3	35628	45687	2.08%	0.140%
64	12.263	1728	1730	1733	rBV2	32525	29283	1.33%	0.090%
65	12.292	1733	1735	1737	rBV	60288	42876	1.95%	0.131%
66	12.321	1737	1740	1744	rVB3	45542	43245	1.97%	0.132%
67	12.369	1744	1748	1751	rBV3	261389	336661	15.35%	1.029%
68	12.392	1751	1752	1757	rVV4	104547	123668	5.64%	0.378%
69	12.457	1760	1763	1764	rBV2	47957	51263	2.34%	0.157%
70	12.533	1772	1776	1780	rBV	1564341	1467387	66.88%	4.486%
71	12.633	1791	1793	1798	rVB	67682	69697	3.18%	0.213%

LSC Area Percent Report

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Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.686	1799	1802	1804	rBV	98092	99051	4.51%	0.303%
73	12.769	1809	1816	1821	rBV	1250106	1596093	72.75%	4.879%
74	12.816	1821	1824	1828	rVV	109740	103007	4.70%	0.315%
75	12.898	1834	1838	1841	rBV	2122990	1961937	89.43%	5.998%
76	12.986	1848	1853	1858	rBV4	117789	235234	10.72%	0.719%
77	13.027	1858	1860	1864	rBV3	50142	60756	2.77%	0.186%
78	13.068	1864	1867	1868	rBV2	108391	107300	4.89%	0.328%
79	13.098	1869	1872	1877	rVB	256632	296313	13.51%	0.906%
80	13.157	1880	1882	1885	rVB	215205	194272	8.85%	0.594%
81	13.198	1886	1889	1893	rBV2	154580	177547	8.09%	0.543%
82	13.292	1903	1905	1908	rBV	109930	105127	4.79%	0.321%
83	13.321	1908	1910	1919	rVB3	140324	190538	8.68%	0.582%
84	13.721	1976	1978	1979	rBV	114966	93904	4.28%	0.287%
85	13.963	2015	2019	2023	rBV2	980889	1650262	75.22%	5.045%
86	13.998	2023	2025	2028	rVB	618216	511232	23.30%	1.563%
87	14.074	2036	2038	2040	rBV	166746	157966	7.20%	0.483%
88	15.021	2195	2199	2208	rVB	554982	1117514	50.94%	3.416%
89	15.386	2258	2261	2268	rVB	454107	649851	29.62%	1.987%
90	15.445	2268	2271	2275	rBV	369071	463920	21.15%	1.418%

Sum of corrected areas: 32710558

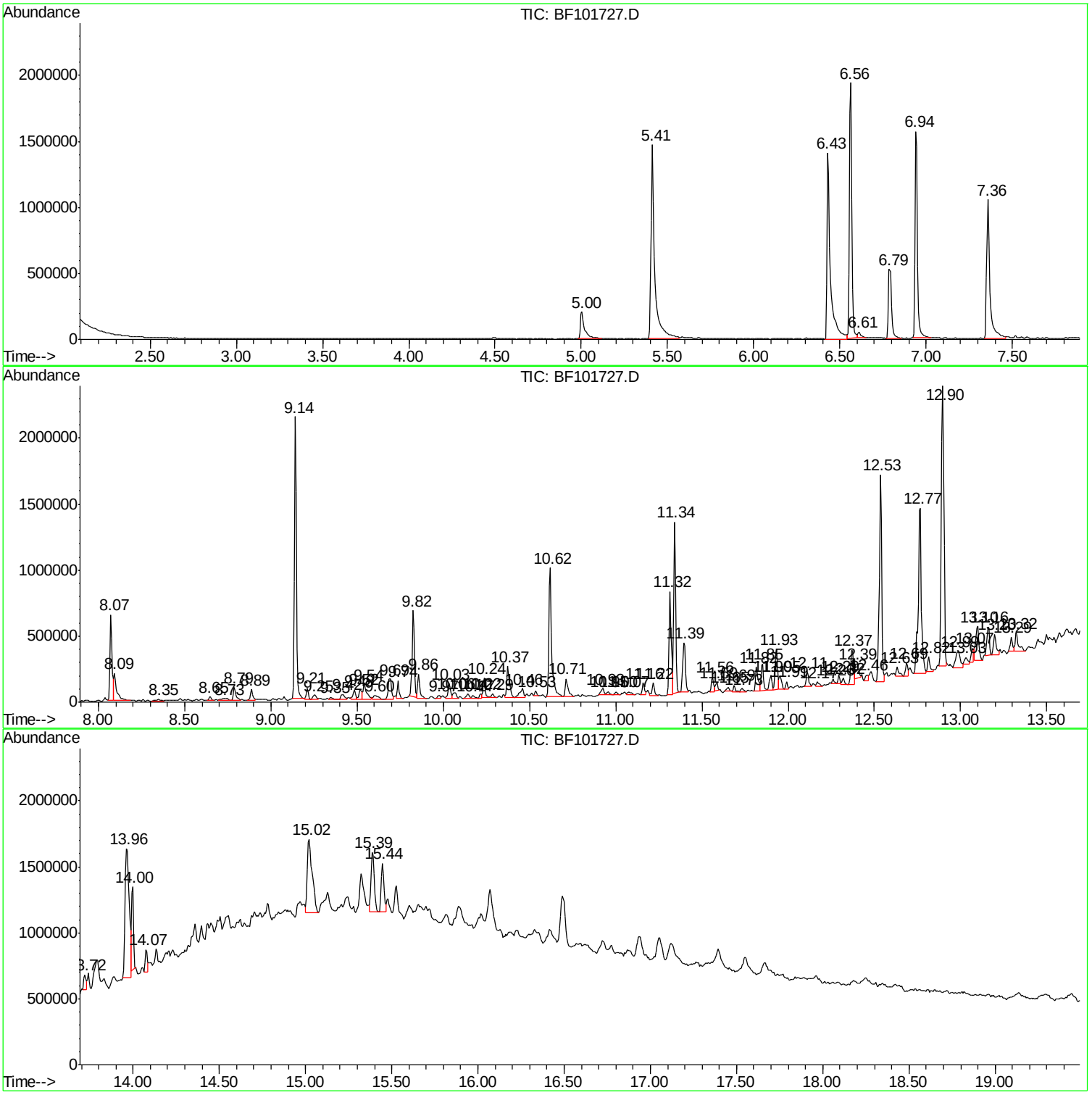
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

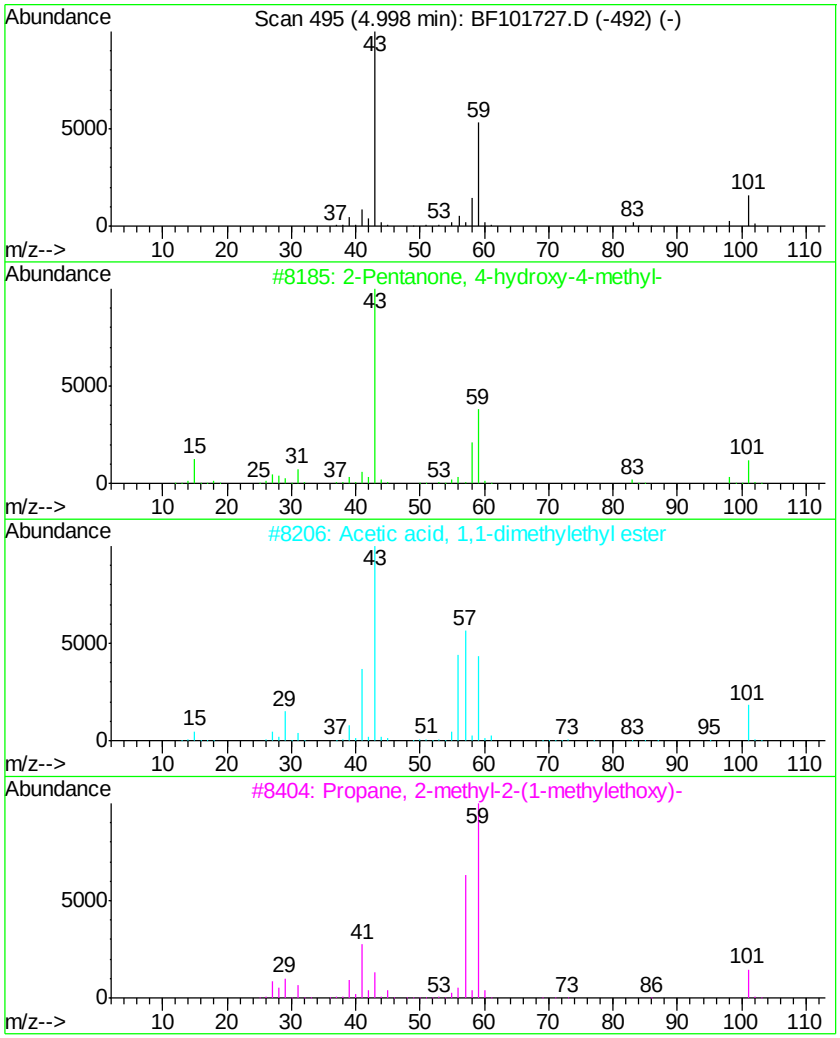
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

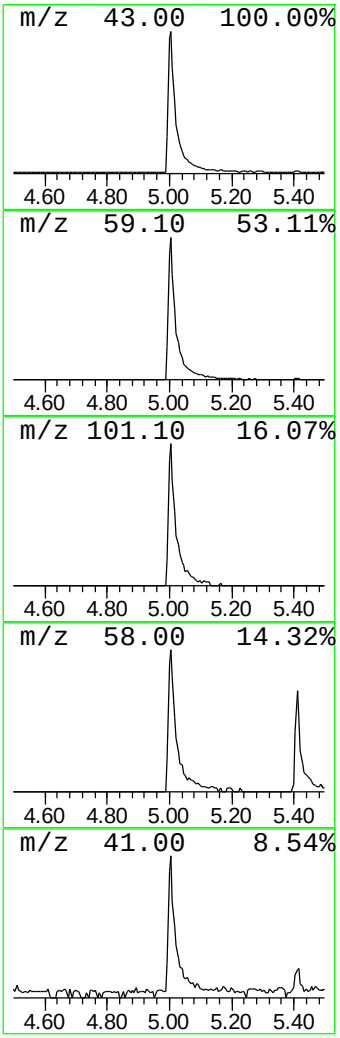
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	12.72 ng	367709	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

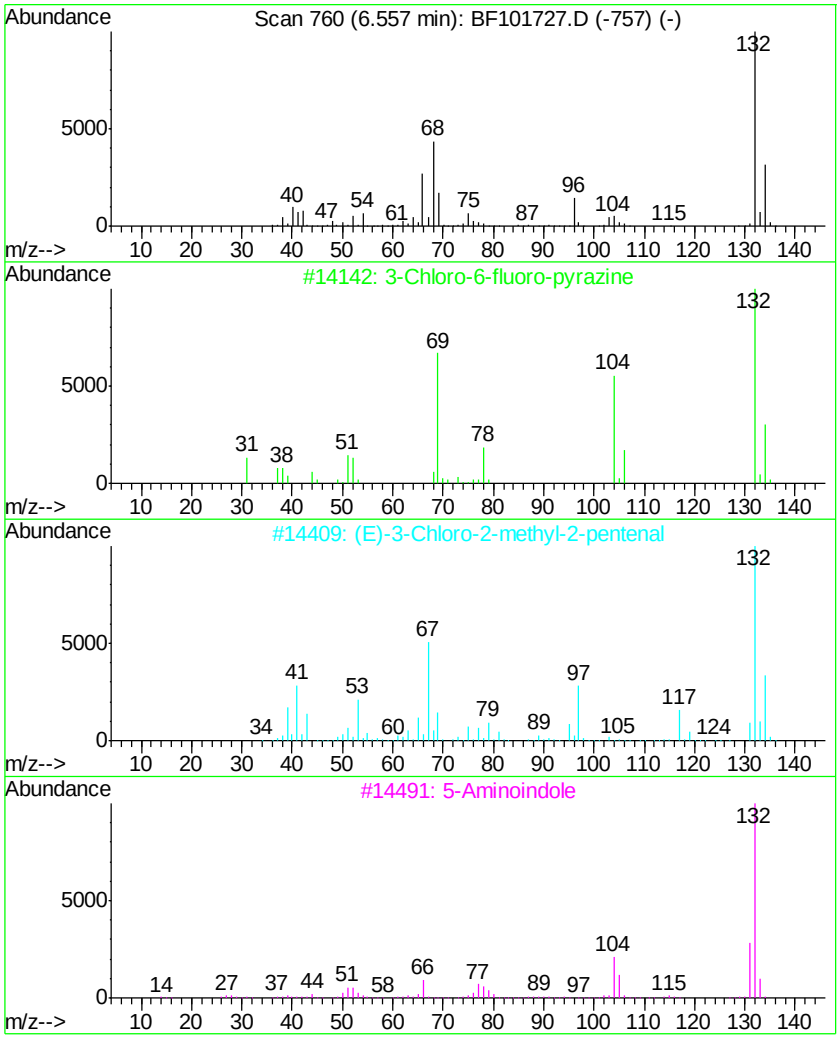
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

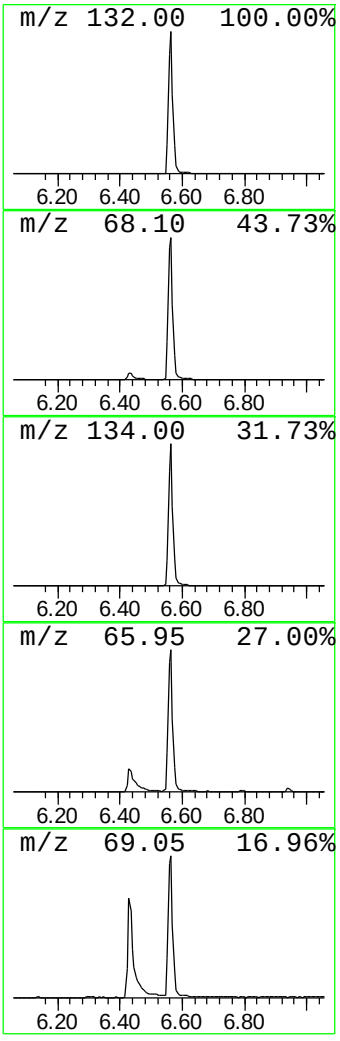
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.63 ng	2041050	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

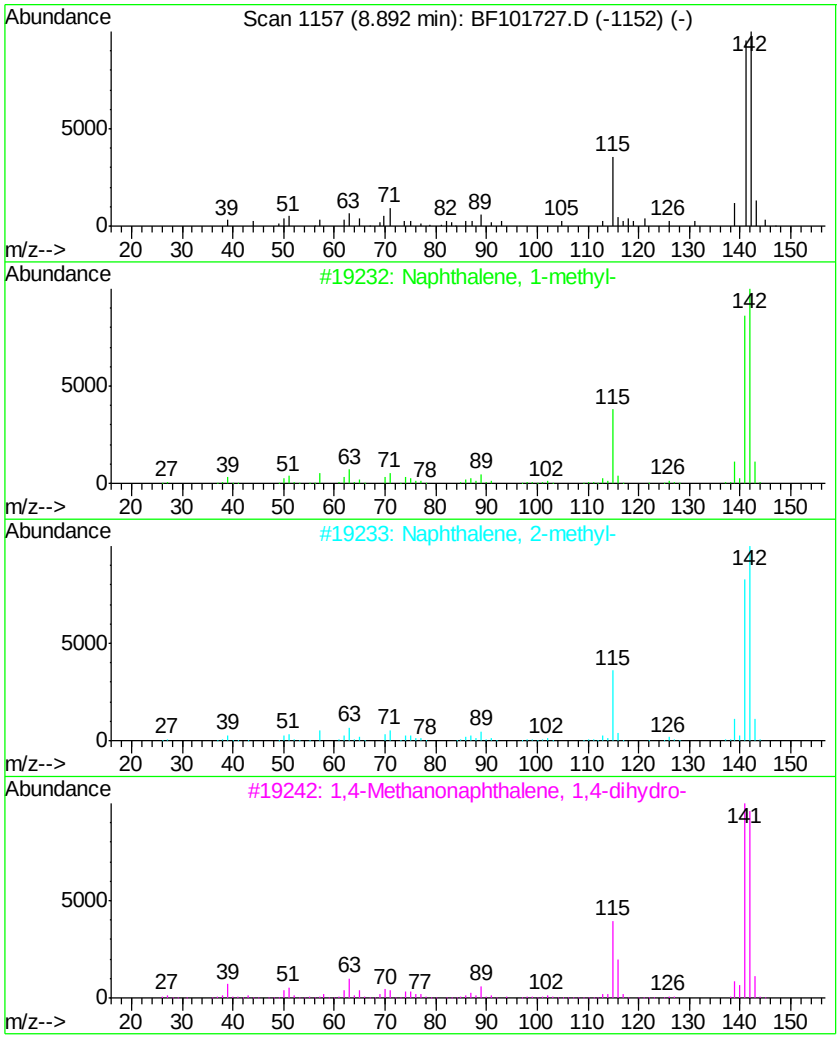
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

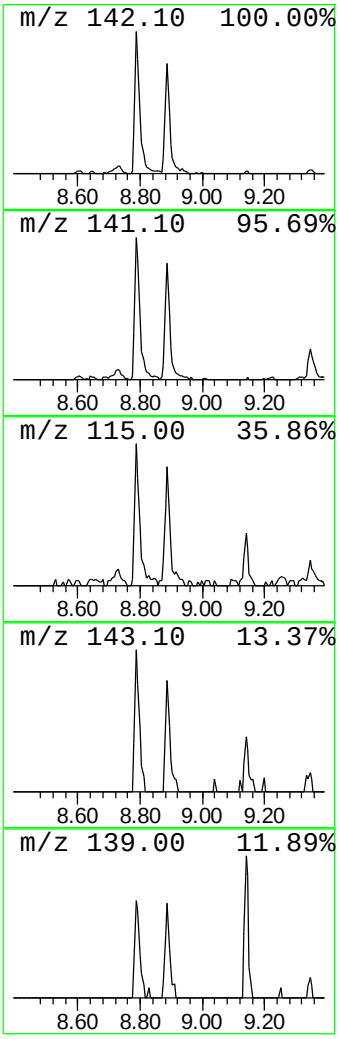
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	2.59 ng	78542	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

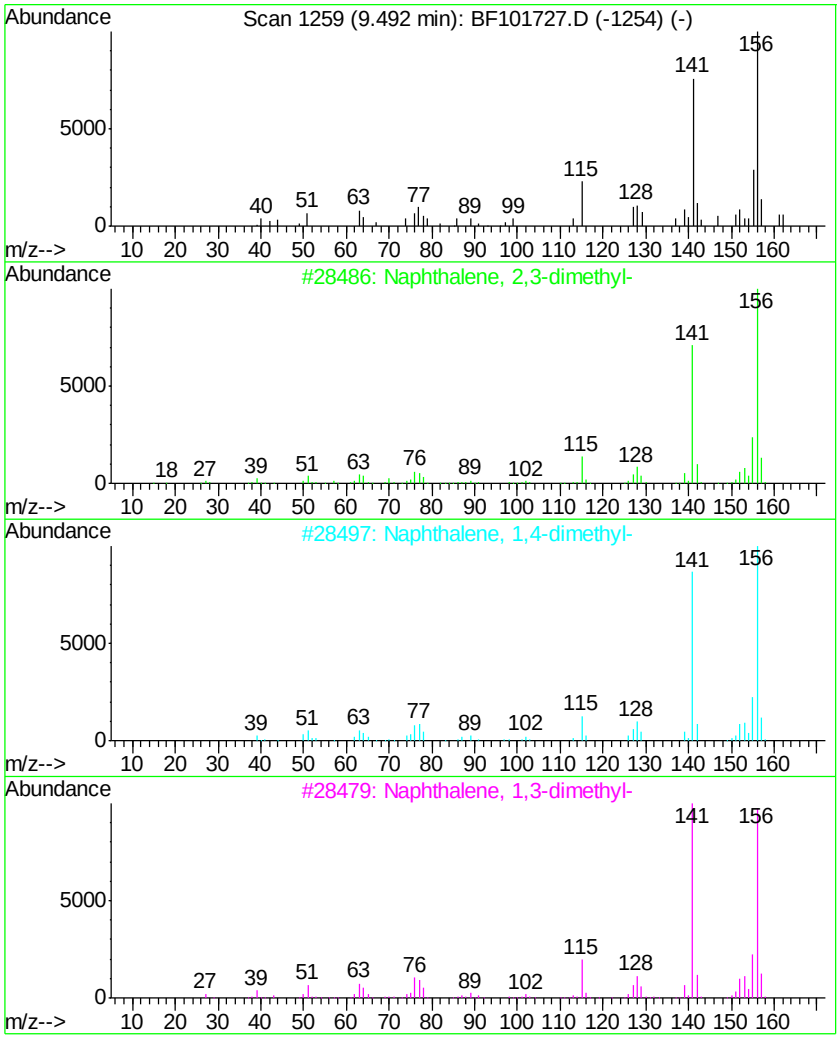
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

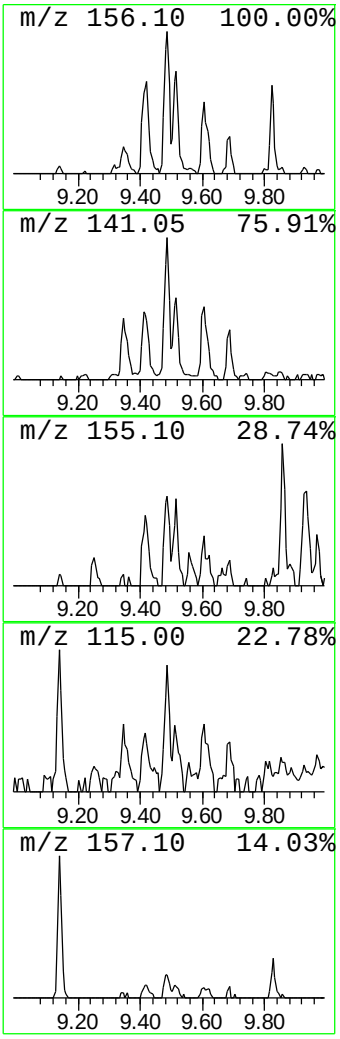
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.77 ng	80851	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

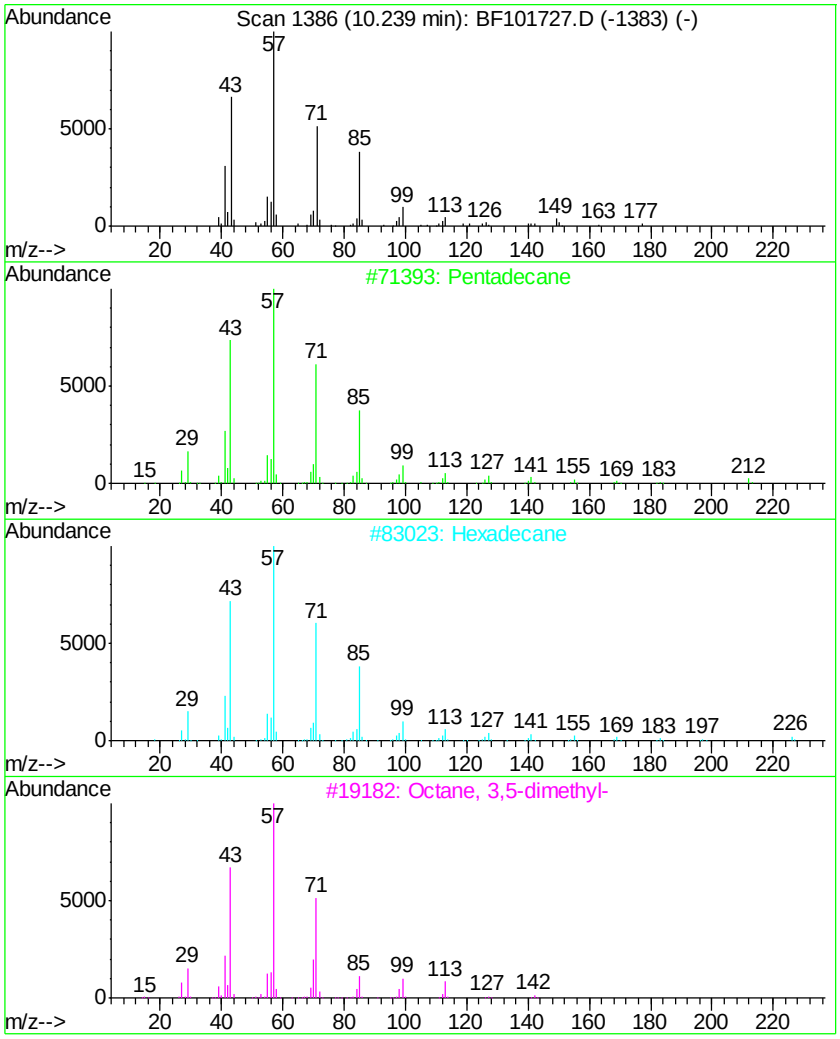
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

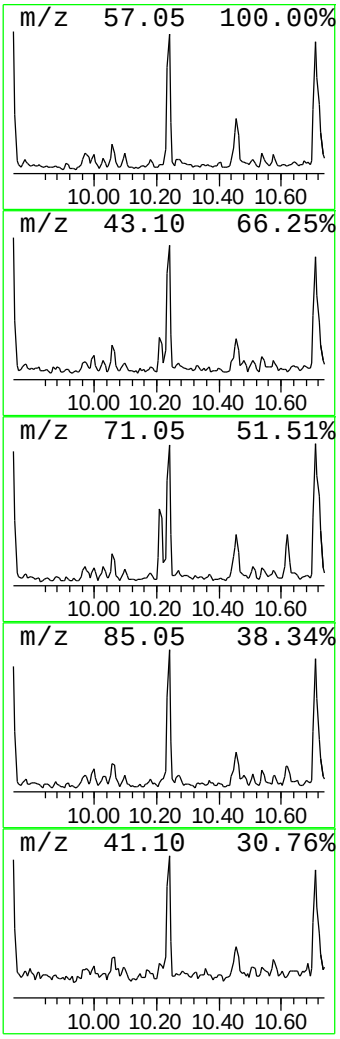
****

Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	4.49 ng	131109	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	70
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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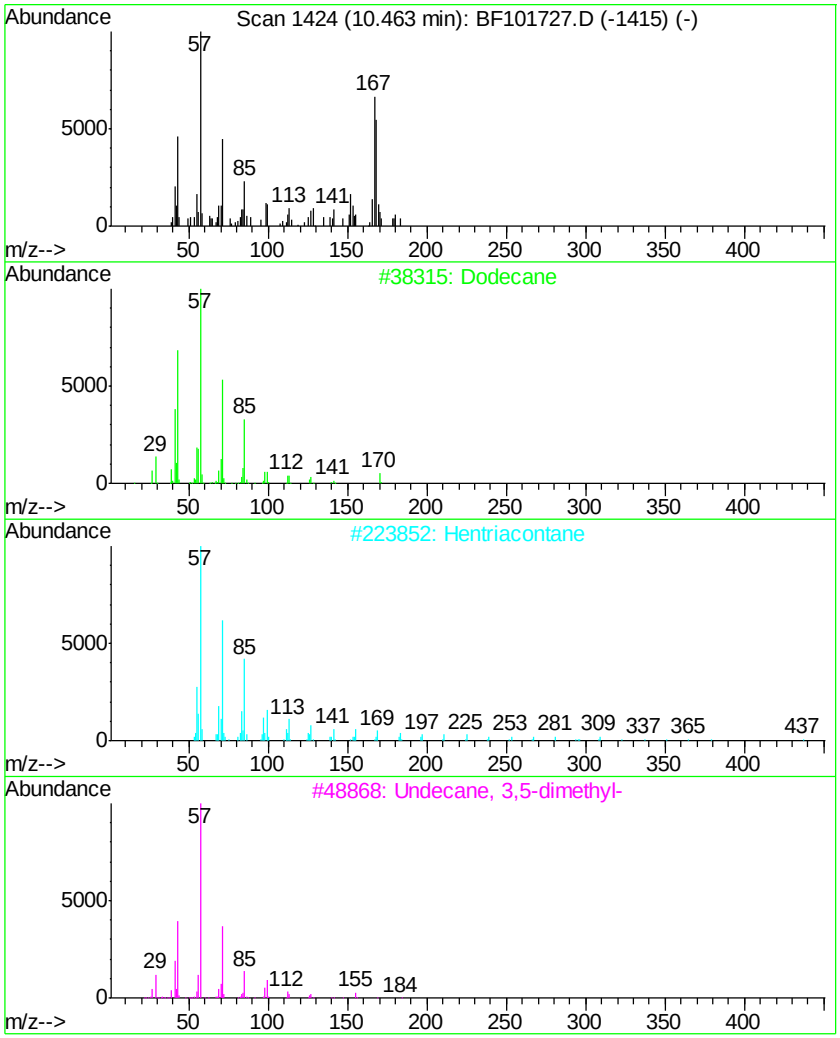
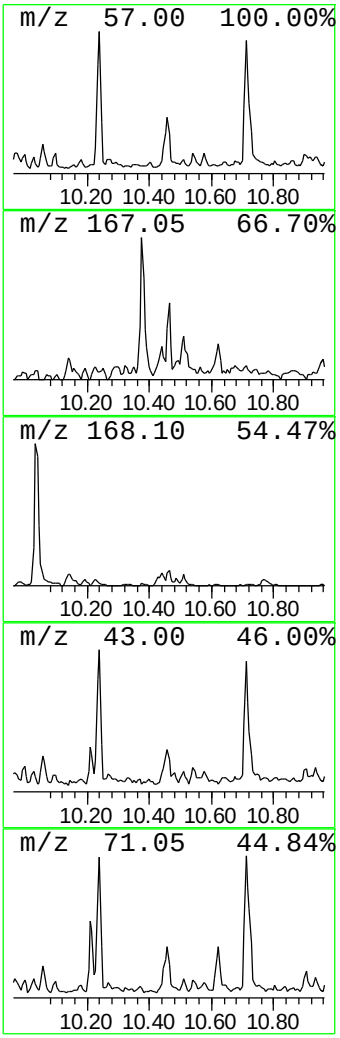
Peak Number 7 unknown10.46 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.90 ng	113965	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	46
2	Hentriacontane	437	C31H64	000630-04-6	43
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	42
4	Pentadecane	212	C15H32	000629-62-9	35
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	30





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Sample : I6677-11
Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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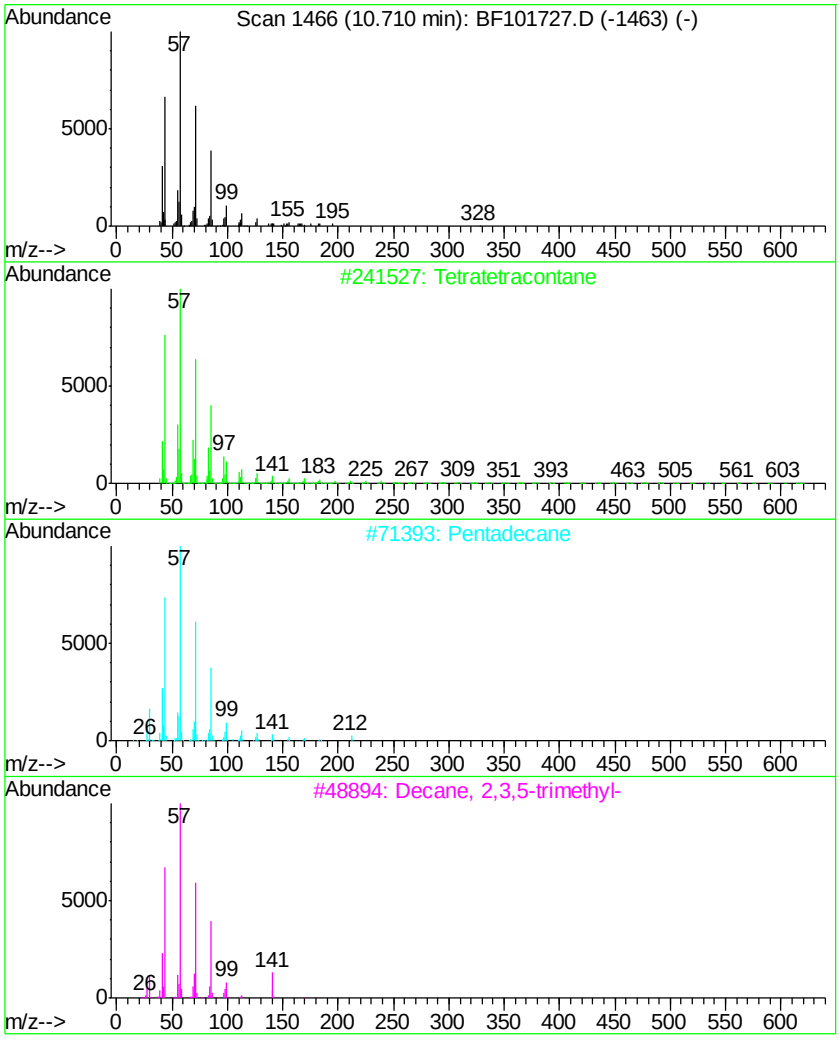
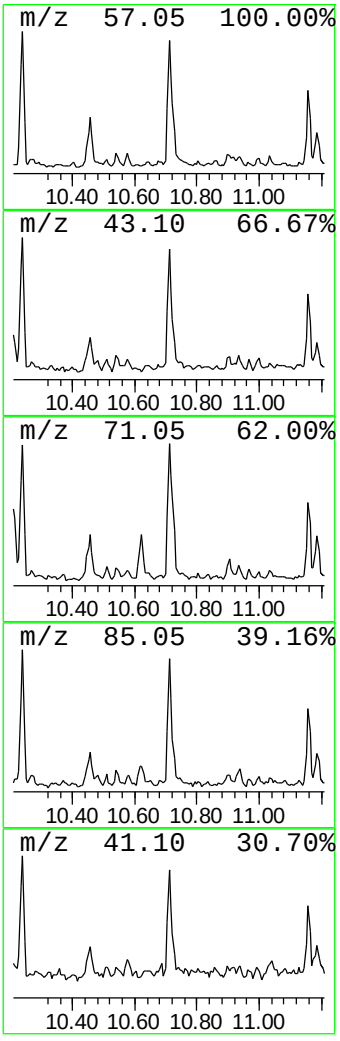
Peak Number 8 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.97 ng	167909	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Hexadecane	226	C16H34	000544-76-3	90





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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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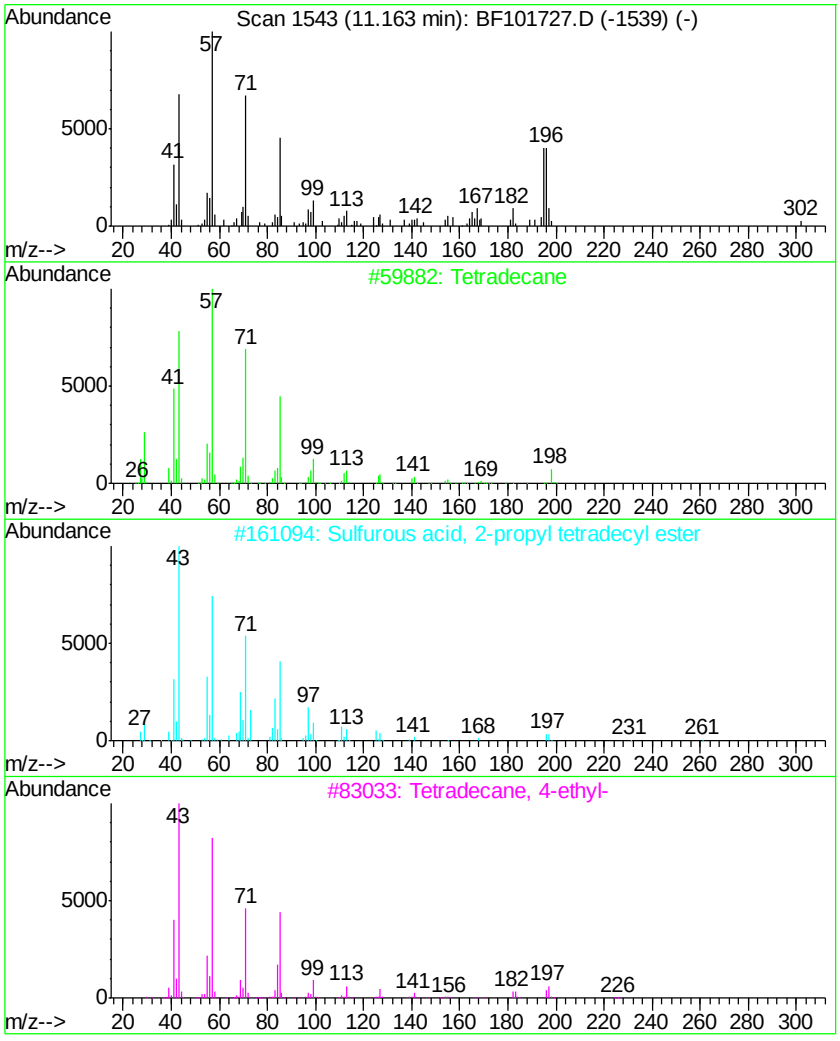
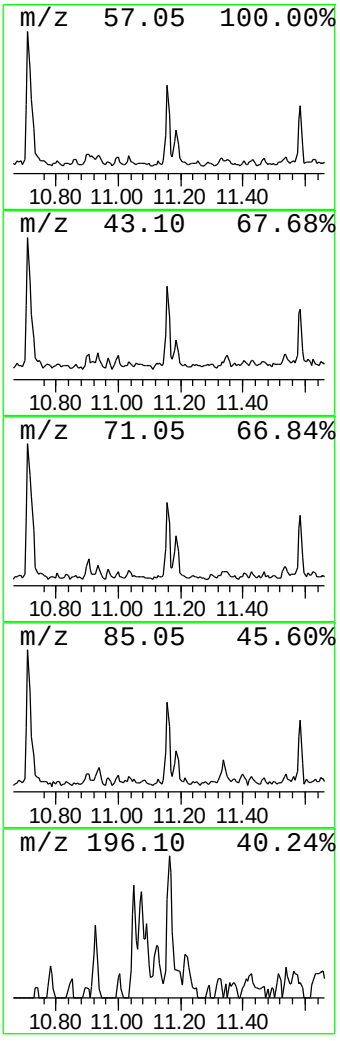
Peak Number 9 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	2.73 ng	92209	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72





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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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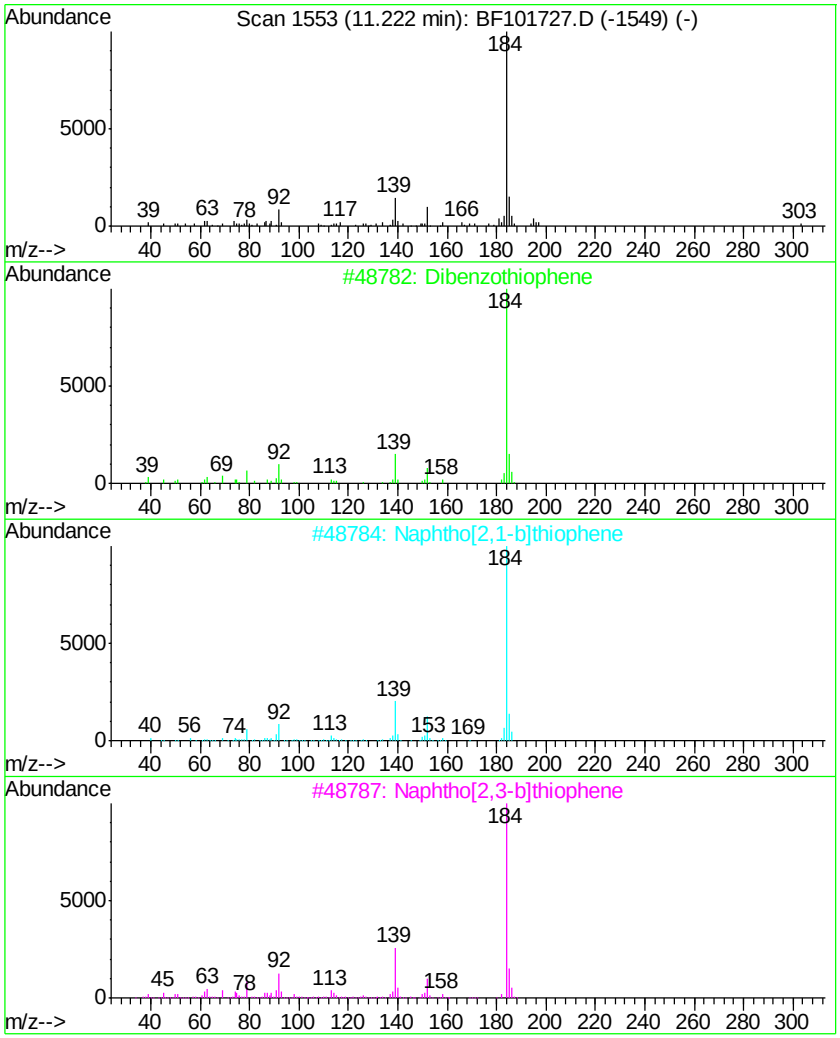
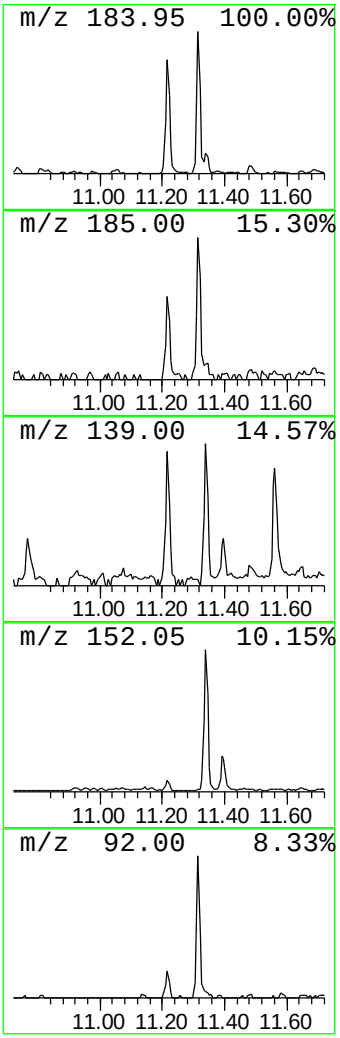
Peak Number 10 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.53 ng	85472	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72





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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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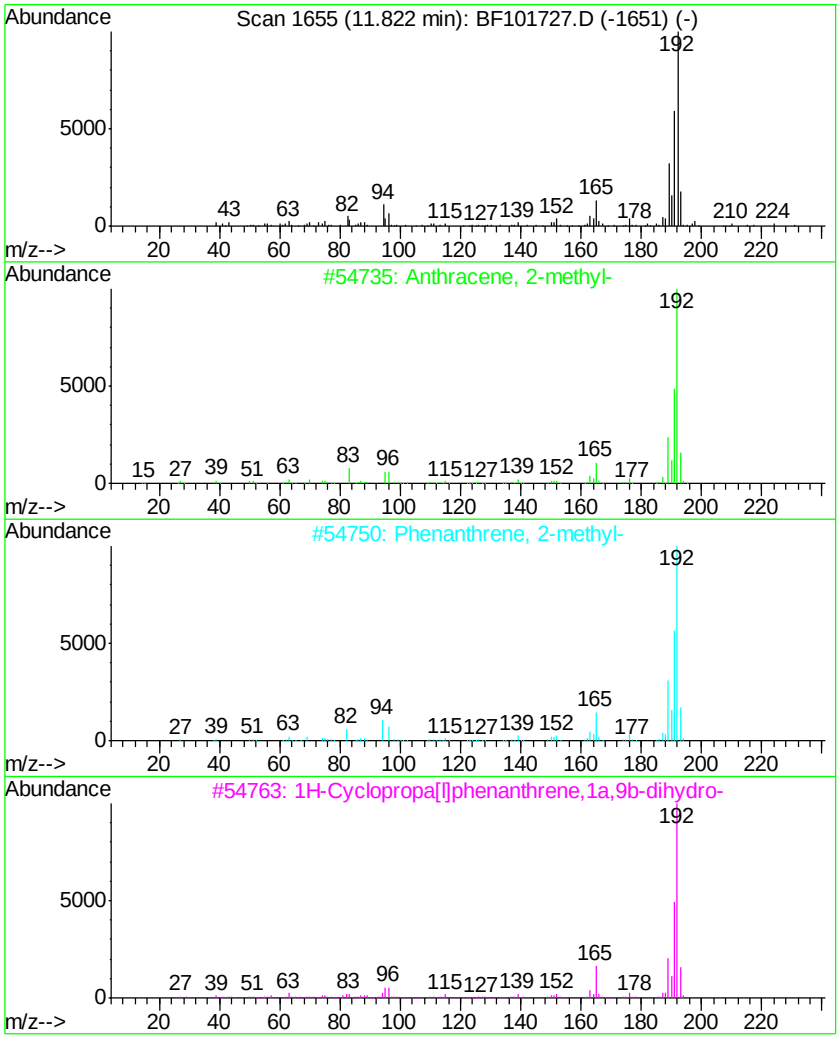
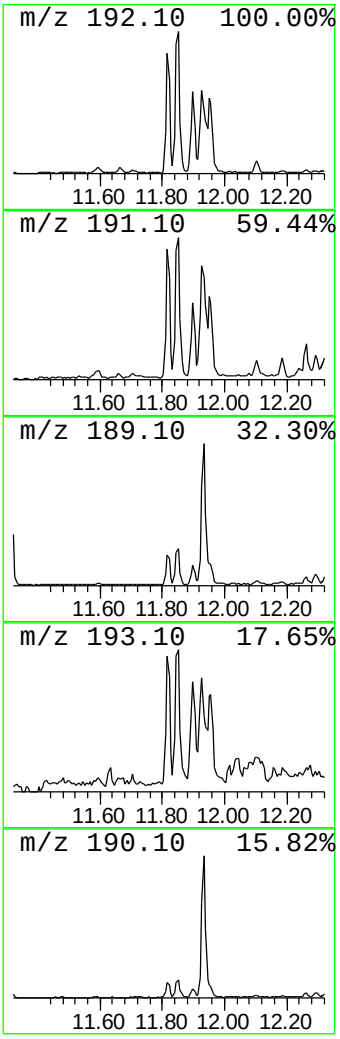
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.48 ng	184848	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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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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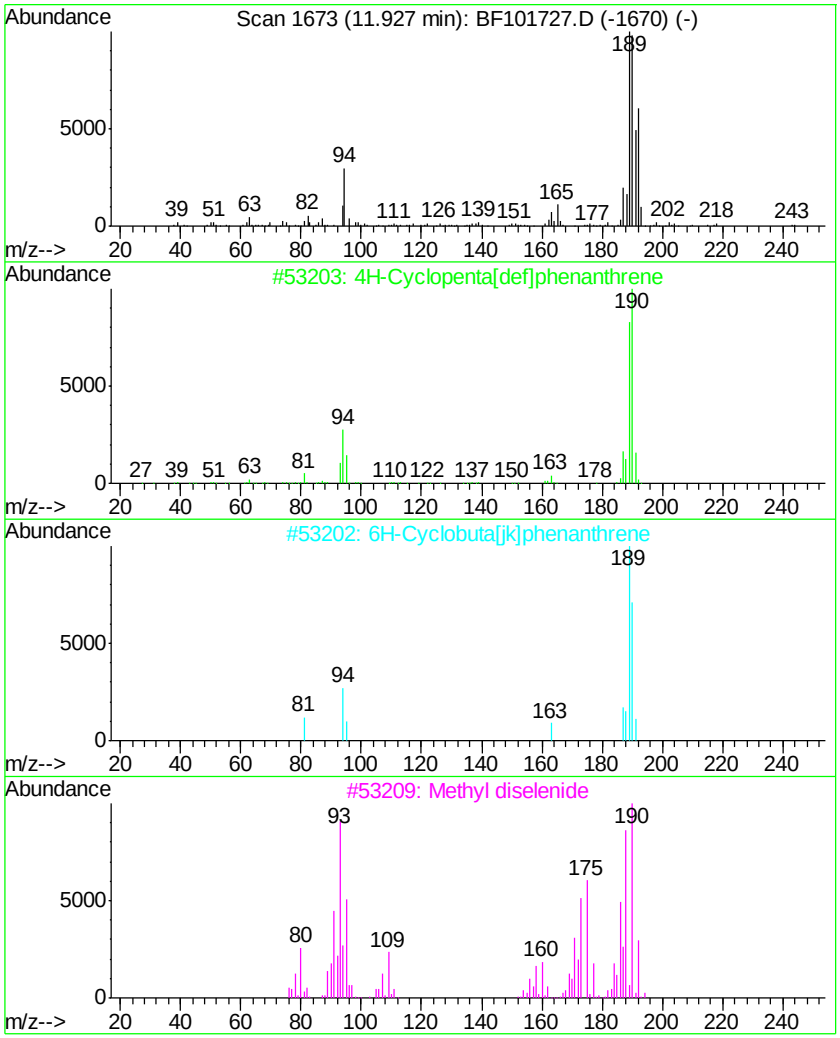
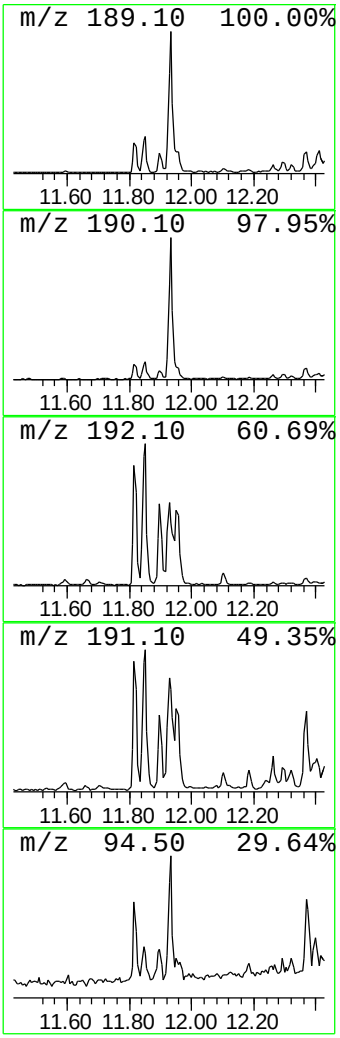
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	9.77 ng	329739	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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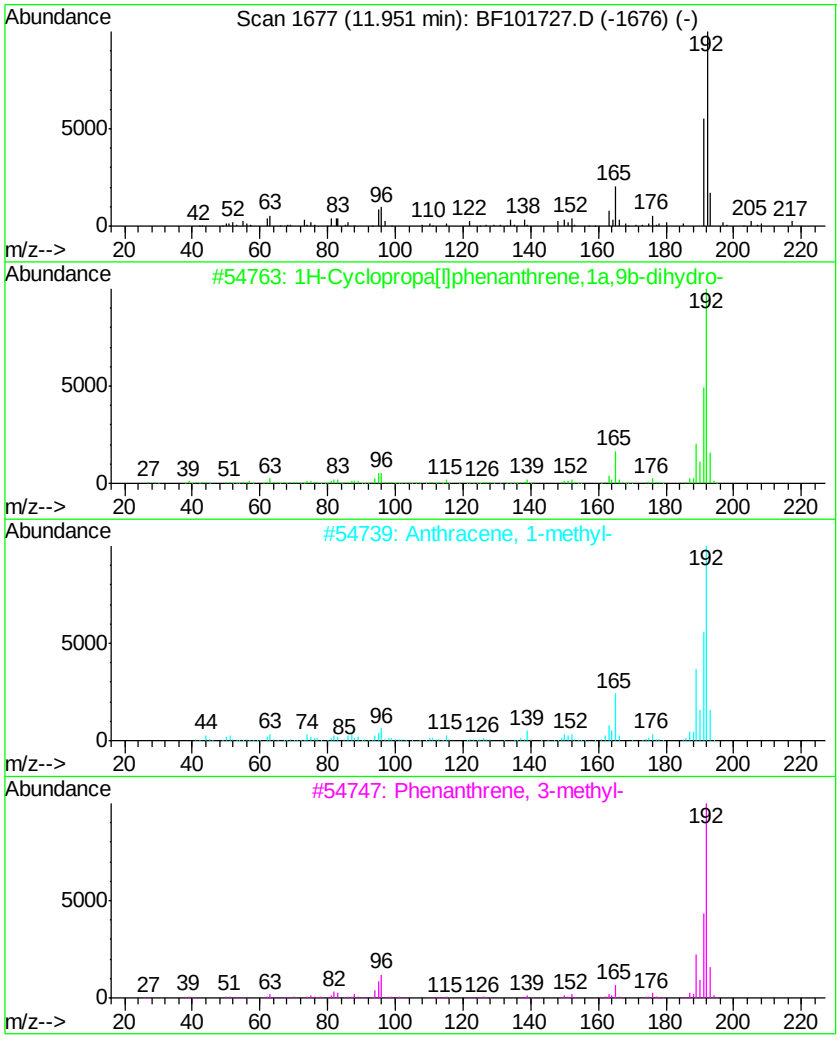
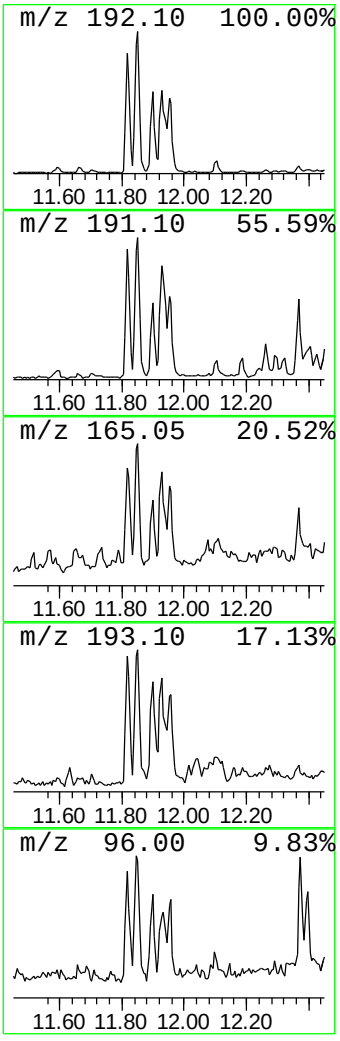
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.65 ng	89568	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91





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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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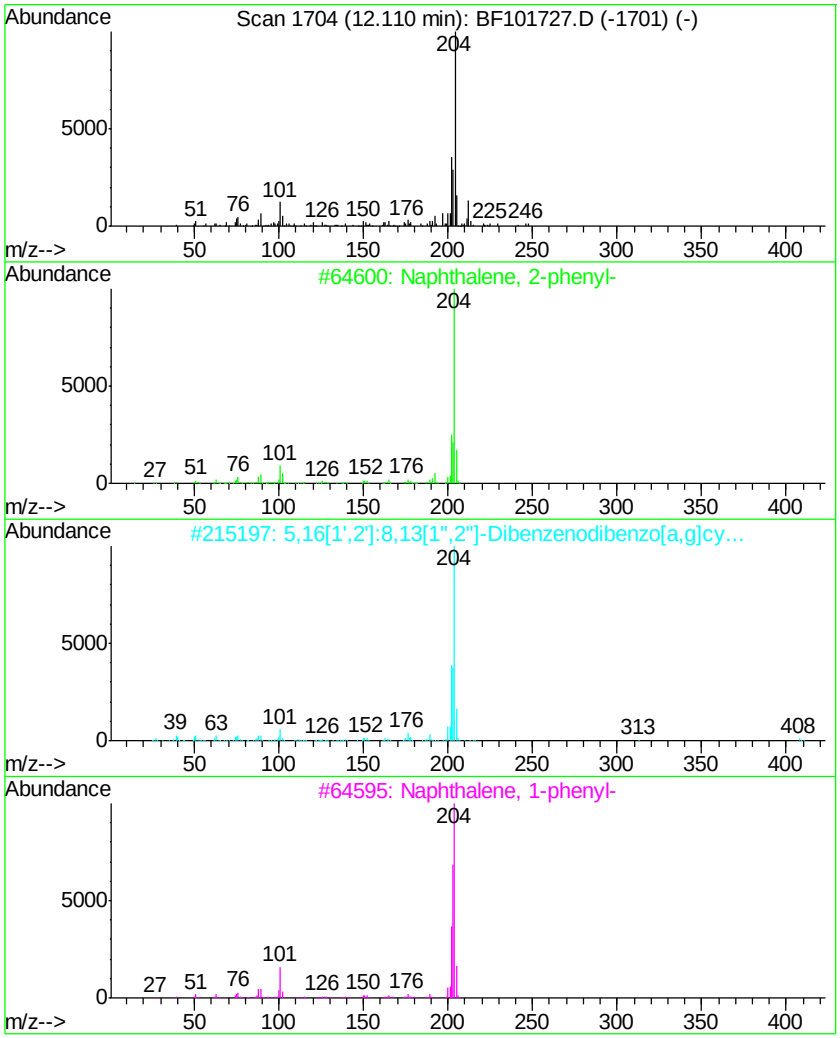
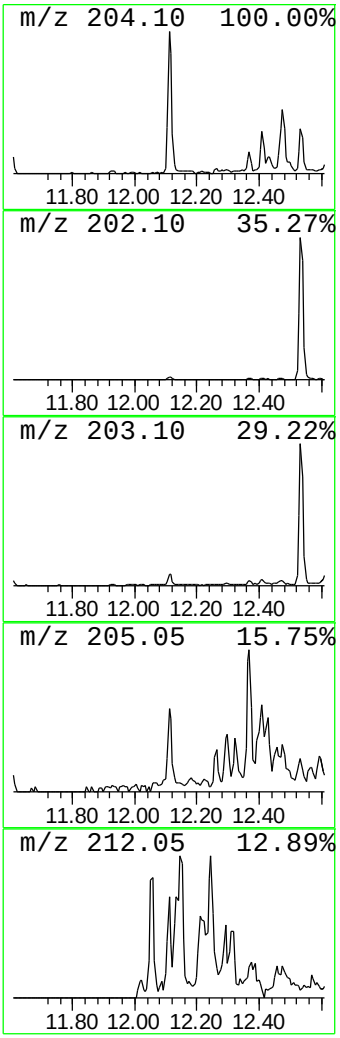
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.42 ng	115318	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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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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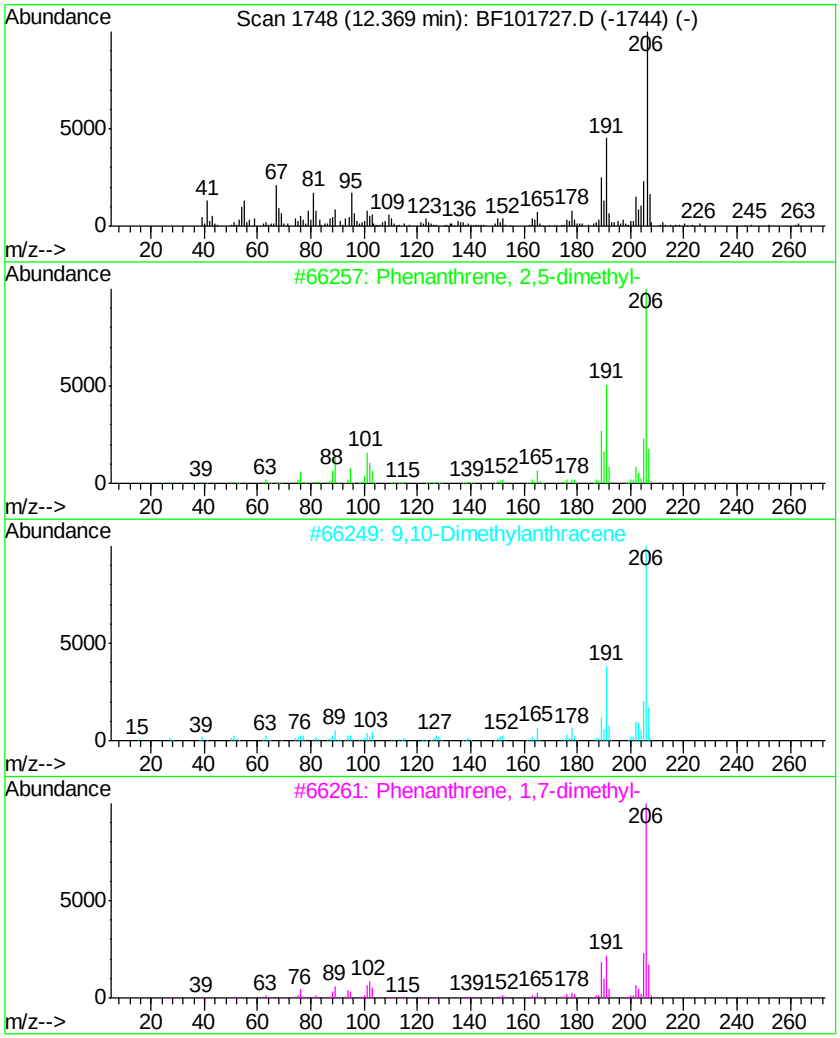
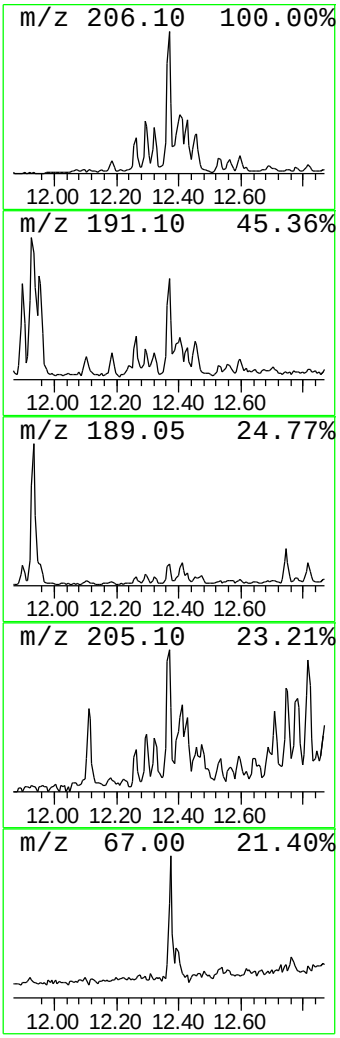
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.97 ng	336661	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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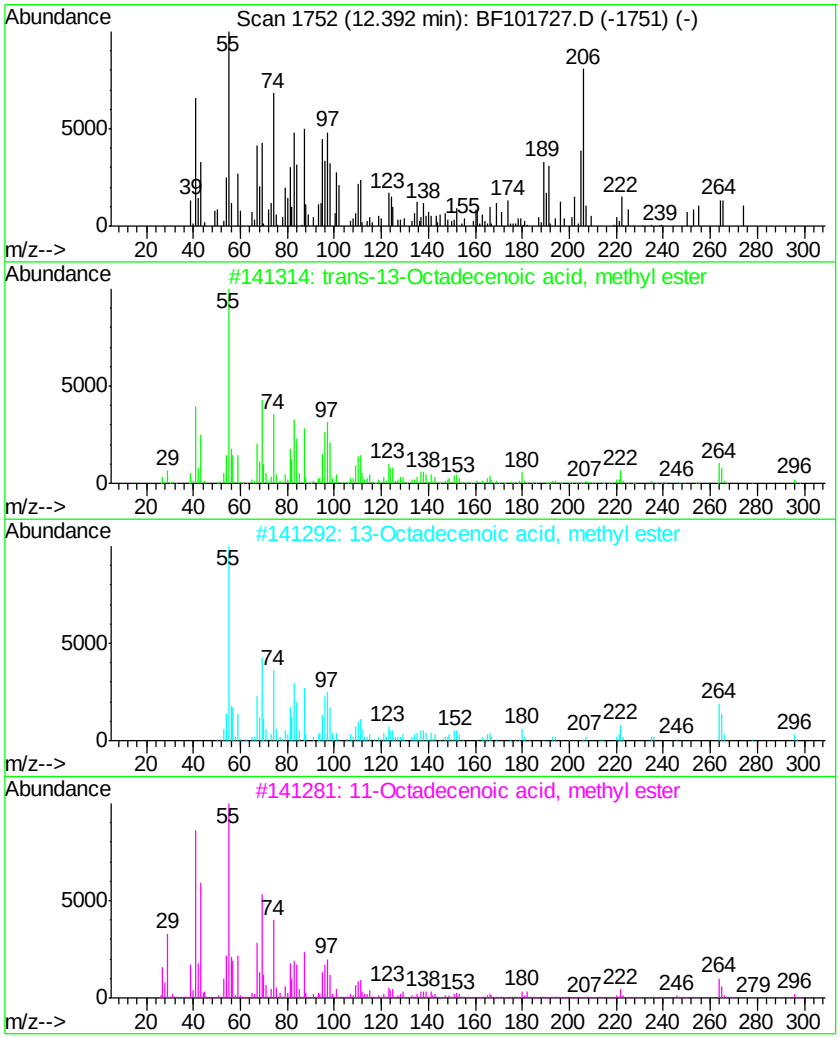
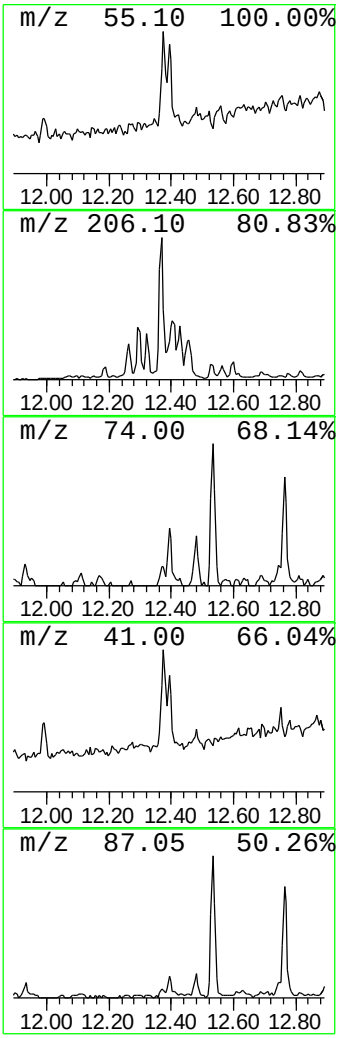
Peak Number 18 unknown12.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.66 ng	123668	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	41
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	38
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	38
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	38
5	4H-Thiazolo[5,4-b]indole, 7-fluo...	206	C10H7FN2S	1000337-12-3	30





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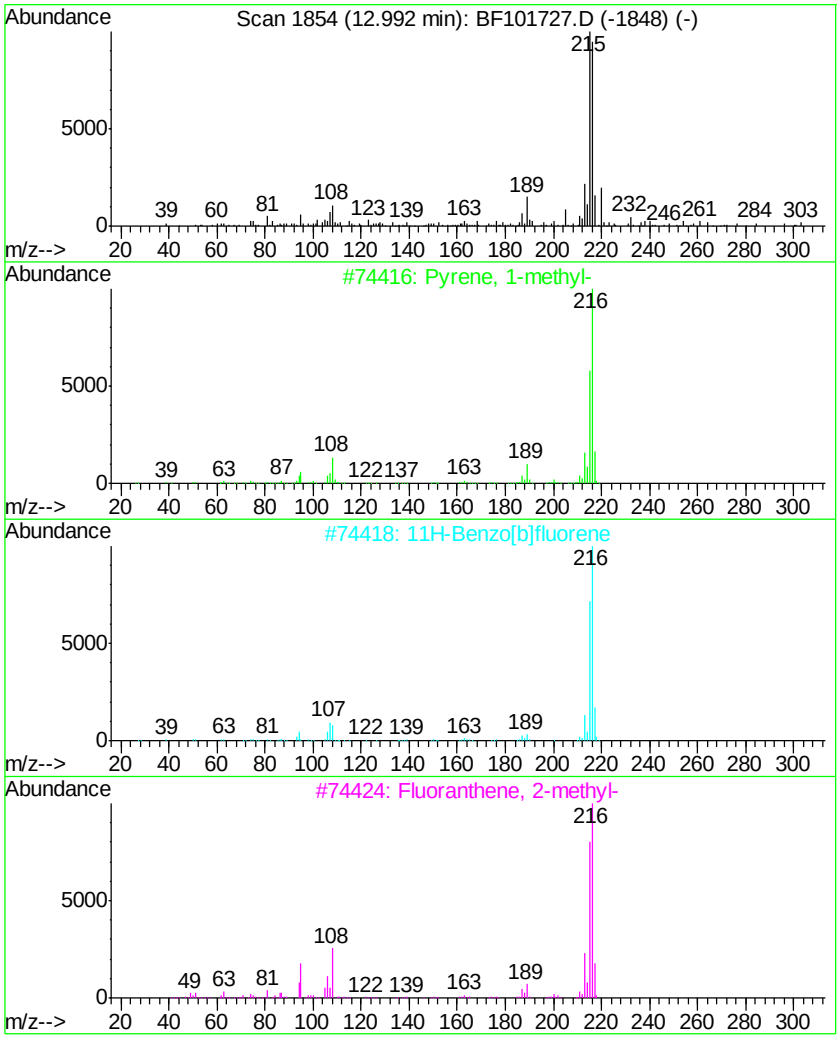
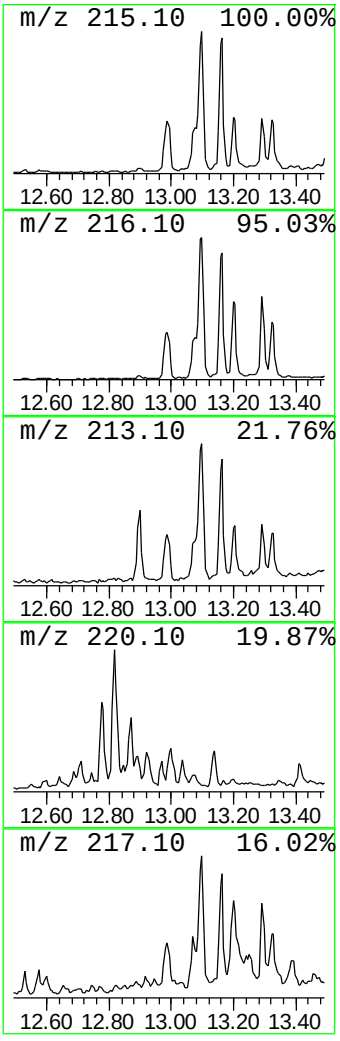
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.85 ng	235234	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68





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

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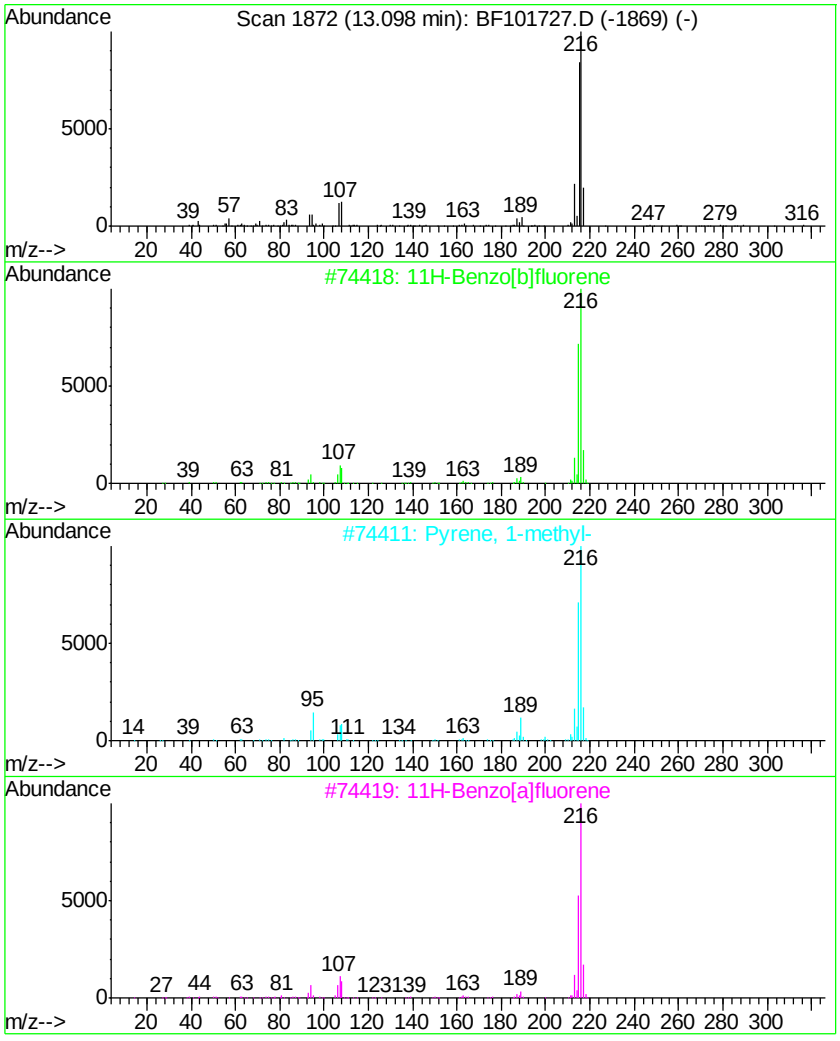
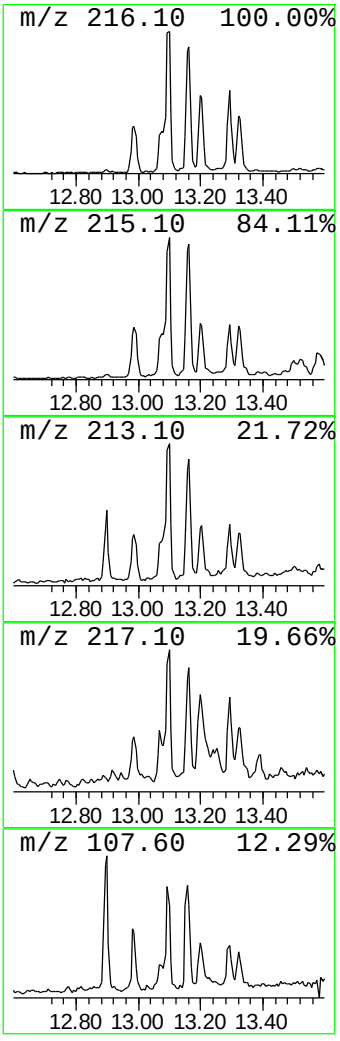
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.59 ng	296313	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





Tentatively Identified Compound (LSC) summary

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Data File : BF101727.D
Acq On : 26 Dec 2017 21:33
Operator : SJ/JU
Sample : I6677-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-122117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.00	12.7	ng	367709	1	6.79	577956	20.0
unknown6.56	6.56	70.6	ng	2041050	1	6.79	577956	20.0
Naphthalene, 1-me...	8.89	2.6	ng	78542	2	8.07	605516	20.0
Naphthalene, 2,3-...	9.49	2.8	ng	80851	3	9.82	584224	20.0
Pentadecane	10.24	4.5	ng	131109	3	9.82	584224	20.0
unknown10.46	10.46	3.9	ng	113965	3	9.82	584224	20.0
Tetratetracontane	10.71	5.0	ng	167909	4	11.32	675077	20.0
Tetradecane	11.16	2.7	ng	92209	4	11.32	675077	20.0
Dibenzothiophene	11.22	2.5	ng	85472	4	11.32	675077	20.0
Anthracene, 2-met...	11.82	5.5	ng	184848	4	11.32	675077	20.0
4H-Cyclopenta[def...	11.93	9.8	ng	329739	4	11.32	675077	20.0
1H-Cyclopropa[l]p...	11.95	2.6	ng	89568	4	11.32	675077	20.0
Naphthalene, 2-ph...	12.11	3.4	ng	115318	4	11.32	675077	20.0
Phenanthrene, 2,5...	12.37	10.0	ng	336661	4	11.32	675077	20.0
unknown12.39	12.39	3.7	ng	123668	4	11.32	675077	20.0
Pyrene, 1-methyl-	12.99	2.9	ng	235234	5	13.97	1650260	20.0
11H-Benzo[b]fluorene	13.10	3.6	ng	296313	5	13.97	1650260	20.0