LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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	5.404	561	564	585	rBV	1205032	1678962	16.07%	1.923%
2	6.428	734	738	757	rBV	1333019	1806138	17.29%	2.069%
3	6.557	757	760	766	rVV	1836405	1682467	16.11%	1.927%
4	6.787	796	799	807	rBV	1019648	963602	9.23%	1.104%
5	6.939	822	825	838	rVB	1403644	1296939	12.42%	1.485%
6	7.357	892	896	912	rBV	903824	1145501	10.97%	1.312%
7	8.069	1014	1017	1019	rVV	1425111	1248556	11.95%	1.430%
8	8.092	1019	1021	1028	rVV	616972	641664	6.14%	0.735%
9	8.645	1112	1115	1119	rVB	211304	170506	1.63%	0.195%
10	8.781	1135	1138	1145	rBV	741932	647822	6.20%	0.742%
11	8.881	1150	1155	1161	rBV	695857	637008	6.10%	0.730%
12	9.139	1195	1199	1203	rBV	2037632	1701355	16.29%	1.949%
13	9.210	1207	1211	1214	rBV	355725	306708	2.94%	0.351%
14	9.245	1214	1217	1222	rVV	142445	146483	1.40%	0.168%
15	9.410	1240	1245	1249	rBV	324662	440988	4.22%	0.505%
16	9.480	1253	1257	1260	rVV	506560	582866	5.58%	0.668%
17	9.510	1260	1262	1265	rVV	326018	386828	3.70%	0.443%
18	9.539	1265	1267	1273	rVV	235017	305023	2.92%	0.349%
19	9.598	1273	1277	1285	rVB2	274663	397648	3.81%	0.455%
20	9.686	1288	1292	1295	rBV2	297029	291434	2.79%	0.334%
21	9.739	1298	1301	1305	rVB	416390	330210	3.16%	0.378%
22	9.822	1312	1315	1318	rVB2	1300737	1101206	10.54%	1.261%
23	9.857	1318	1321	1324	rVB	669670	573031	5.49%	0.656%
24	9.928	1329	1333	1337	rBV3	110492	166691	1.60%	0.191%
25	9.975	1337	1341	1343	rBV3	102240	144216	1.38%	0.165%
26	10.028	1346	1350	1353	rVB2	559699	530402	5.08%	0.608%
27	10.063	1353	1356	1360	rVB2	257358	243648	2.33%	0.279%
28	10.139	1365	1369	1372	rBV	198108	239074	2.29%	0.274%
29	10.169	1372	1374	1379	rVB2	166206	157240	1.51%	0.180%
30	10.239	1379	1386	1390	rBV2	500760	608628	5.83%	0.697%
31	10.375	1405	1409	1415	rVV	1032735	997312	9.55%	1.142%
32	10.439	1415	1420	1421	rVV	151142	203937	1.95%	0.234%
33	10.457	1421	1423	1425	rVV2	286932	247814	2.37%	0.284%
34	10.527	1433	1435	1440	rVB	212712	206737	1.98%	0.237%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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	10.616	1446	1450	1456	rBV2	989346	1101935	10.55%	1.262%
36	10.710	1463	1466	1473	rBV2	410618	542436	5.19%	0.621%
37	10.922	1496	1502	1505	rBV	338854	457575	4.38%	0.524%
38	10.951	1505	1507	1509	rVV	200014	169723	1.62%	0.194%
39	11.004	1513	1516	1518	rVB	191923	175053	1.68%	0.201%
40	11.045	1518	1523	1526	rBV3	137957	245301	2.35%	0.281%
41	11.163	1540	1543	1545	rBV	414184	390321	3.74%	0.447%
42	11.192	1545	1548	1549	rVV	130237	134864	1.29%	0.154%
43	11.210	1549	1551	1559	rVB	437132	426960	4.09%	0.489%
44	11.316	1565	1569	1571	rBV	1242766	1229160	11.77%	1.408%
45	11.345	1571	1574	1577	rVB	3534639	3242838	31.05%	3.714%
46	11.392	1577	1582	1586	rBV	1373768	1159671	11.10%	1.328%
47	11.557	1605	1610	1613	rBV	283972	385658	3.69%	0.442%
48	11.586	1613	1615	1617	rBV	227721	164119	1.57%	0.188%
49	11.645	1623	1625	1629	rVB2	175191	152774	1.46%	0.175%
50	11.698	1629	1634	1637	rVV	4160743	4217676	40.38%	4.831%
51	11.727	1637	1639	1644	rVB	107618	131458	1.26%	0.151%
52	11.816	1651	1654	1657	rBV	785969	747763	7.16%	0.856%
53	11.845	1657	1659	1663	rVB	977066	790154	7.56%	0.905%
54	11.892	1664	1667	1670	rBV	383445	359463	3.44%	0.412%
55	11.927	1670	1673	1676	rBV	1095610	1241869	11.89%	1.422%
56	11.951	1676	1677	1682	rVB	520467	335366	3.21%	0.384%
57	11.992	1682	1684	1686	rBV	226263	193318	1.85%	0.221%
58	12.110	1699	1704	1708	rBV	452416	425621	4.07%	0.487%
59	12.292	1732	1735	1737	rVB	194783	137710	1.32%	0.158%
60	12.316	1737	1739	1742	rVB2	156633	139196	1.33%	0.159%
61	12.398	1744	1753	1754	rBV2	5332501	10445127	100.00%	11.964%
62	12.416	1754	1756	1760	rVV2	5278054	6111676	58.51%	7.000%
63	12.451	1760	1762	1764	rVV	179492	197281	1.89%	0.226%
64	12.486	1764	1768	1771	rVB	2399912	2155906	20.64%	2.469%
65	12.539	1772	1777	1780	rBV	3405002	3640772	34.86%	4.170%
66	12.686	1799	1802	1805	rBV	288550	261125	2.50%	0.299%
67	12.716	1805	1807	1810	rVV3	114384	127230	1.22%	0.146%
68	12.769	1810	1816	1822	rVV2	2797018	3990909	38.21%	4.571%
69	12.816	1822	1824	1829	rVB2	249739	241930	2.32%	0.277%
70	12.898	1834	1838	1840	rVV2	1356622	1260339	12.07%	1.444%
71	12.986	1848	1853	1857	rBV5	328613	541686	5.19%	0.620%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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	13.068	1864	1867	1868	rBV3	260316	261975	2.51%	0.300%
73	13.092	1868	1871	1876	rVV	752854	872875	8.36%	1.000%
74	13.157	1879	1882	1885	rVB	705920	571405	5.47%	0.654%
75	13.198	1885	1889	1893	rBV3	509306	704925	6.75%	0.807%
76	13.292	1902	1905	1907	rBV	280454	245412	2.35%	0.281%
77	13.321	1907	1910	1913	rBV	313542	280625	2.69%	0.321%
78	13.451	1929	1932	1936	rBV5	71747	129894	1.24%	0.149%
79	13.574	1950	1953	1956	rBV	123501	166290	1.59%	0.190%
80	13.716	1974	1977	1979	rBV	243864	231681	2.22%	0.265%
81	13.733	1979	1980	1983	rVB	300563	222914	2.13%	0.255%
82	13.780	1983	1988	1993	rBV3	309100	527867	5.05%	0.605%
83	13.821	1993	1995	2000	rVB3	156150	184865	1.77%	0.212%
84	13.874	2000	2004	2010	rBV2	299053	428891	4.11%	0.491%
85	13.957	2012	2018	2022	rBV2	1805884	3027916	28.99%	3.468%
86	13.992	2022	2024	2030	rVB	1542490	1384630	13.26%	1.586%
87	14.068	2035	2037	2040	rBV	291125	271212	2.60%	0.311%
88	14.198	2055	2059	2062	rVB2	111136	164825	1.58%	0.189%
89	14.351	2080	2085	2088	rVV	438635	479992	4.60%	0.550%
90	14.386	2088	2091	2095	rVV	209672	226817	2.17%	0.260%
91	14.480	2104	2107	2108	rBV	170285	155348	1.49%	0.178%
92	14.821	2161	2165	2167	rBV	159871	212358	2.03%	0.243%
93	15.010	2192	2197	2200	rBV	1104214	1794308	17.18%	2.055%
94	15.115	2212	2215	2218	rVB	253556	265764	2.54%	0.304%
95	15.304	2244	2247	2254	rVB	600296	754424	7.22%	0.864%
96	15.374	2254	2259	2265	rVV	1016731	1320654	12.64%	1.513%
97	15.433	2265	2269	2271	rVV	572820	712164	6.82%	0.816%
98	15.462	2271	2274	2279	rVB2	281536	380628	3.64%	0.436%
99	16.904	2514	2519	2527	rVB2	393435	742463	7.11%	0.850%
100	17.351	2590	2595	2609	rVB	287233	684402	6.55%	0.784%

Sum of corrected areas: 87308131

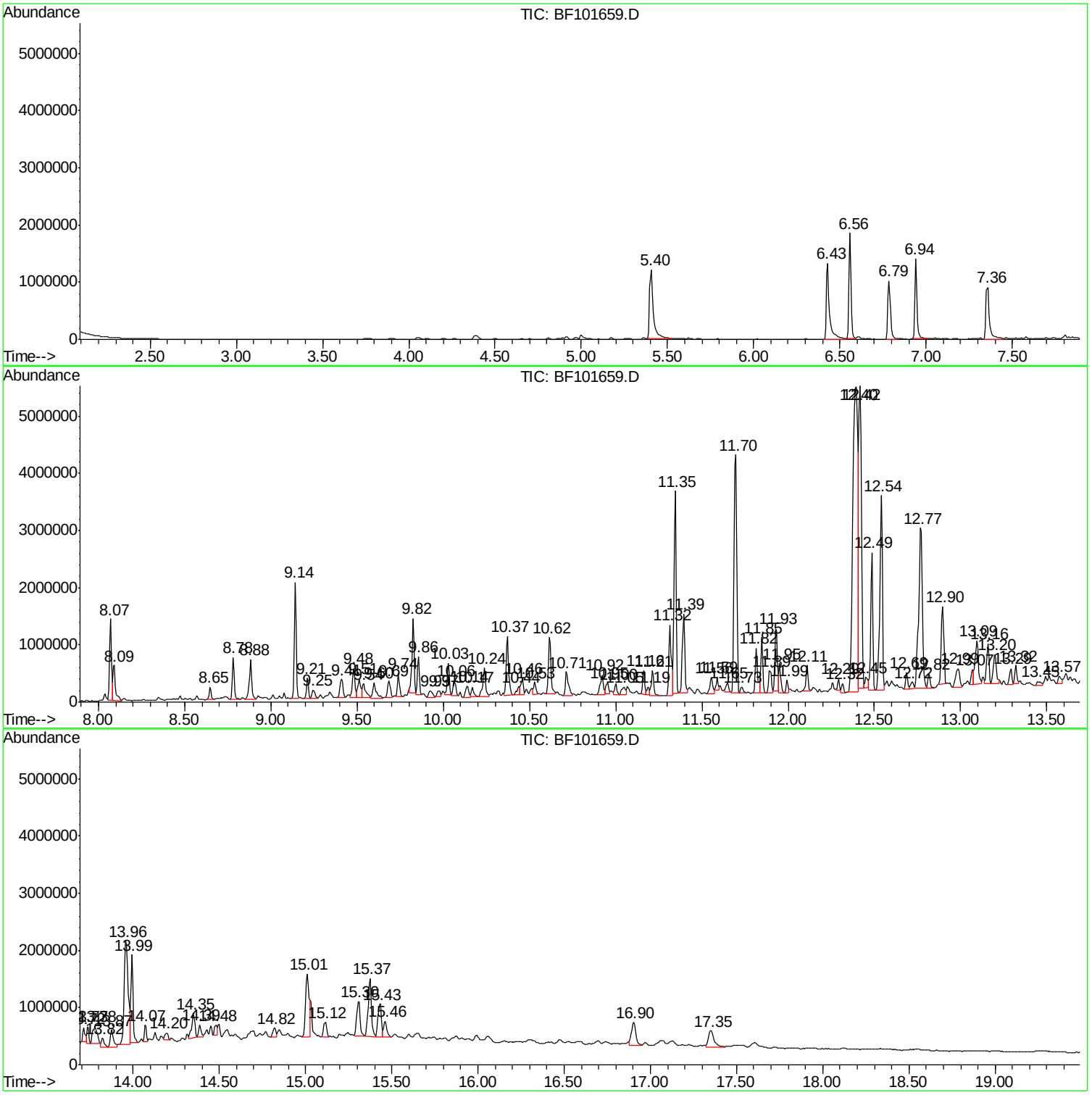
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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\BF122217\
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Acq On : 22 Dec 2017 17:53
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Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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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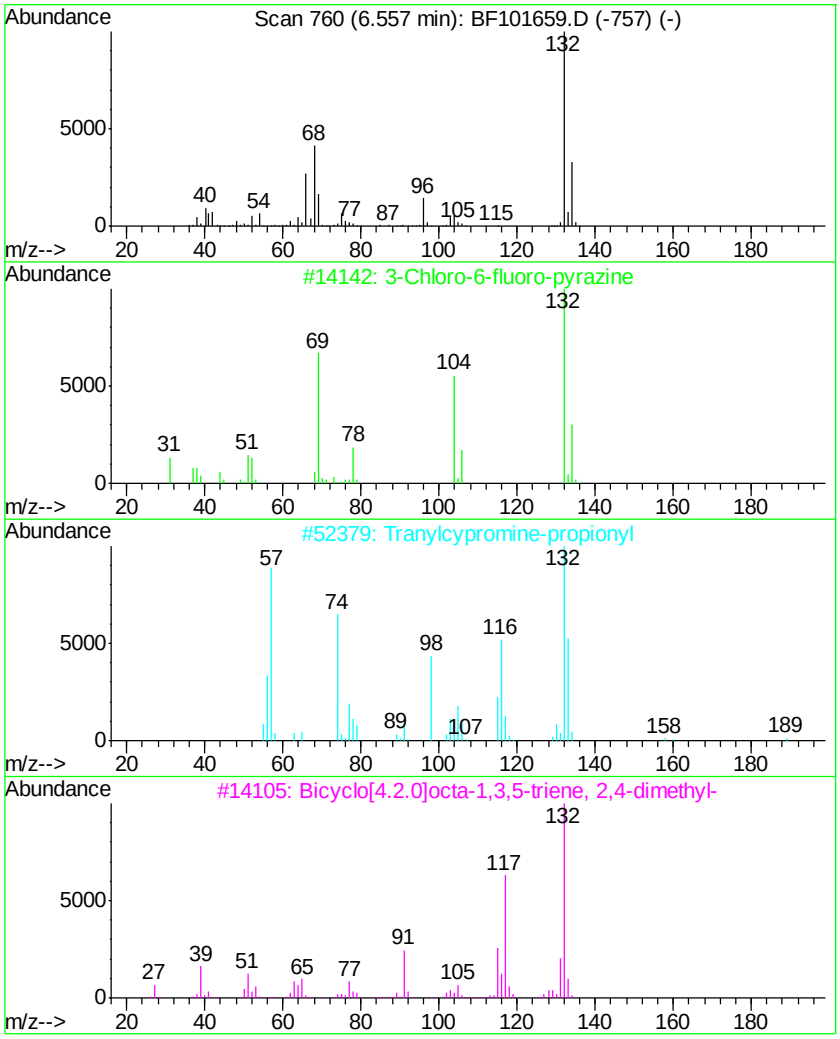
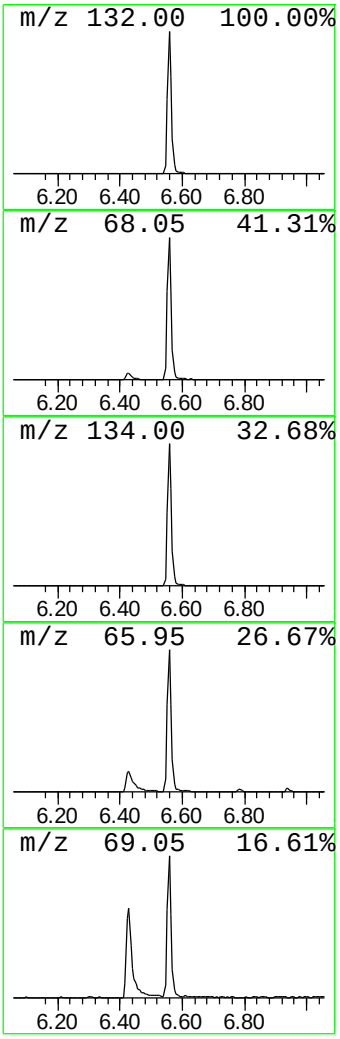
Peak Number 1 unknown6.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	34.92 ng	1682470	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
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Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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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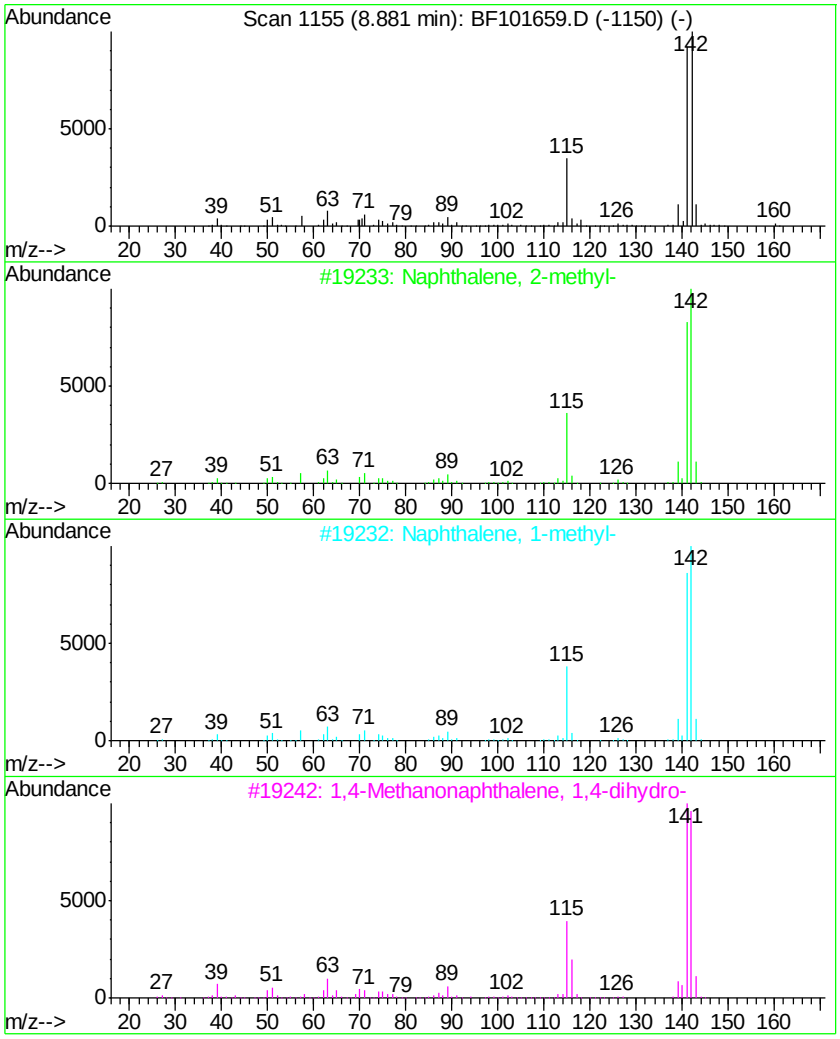
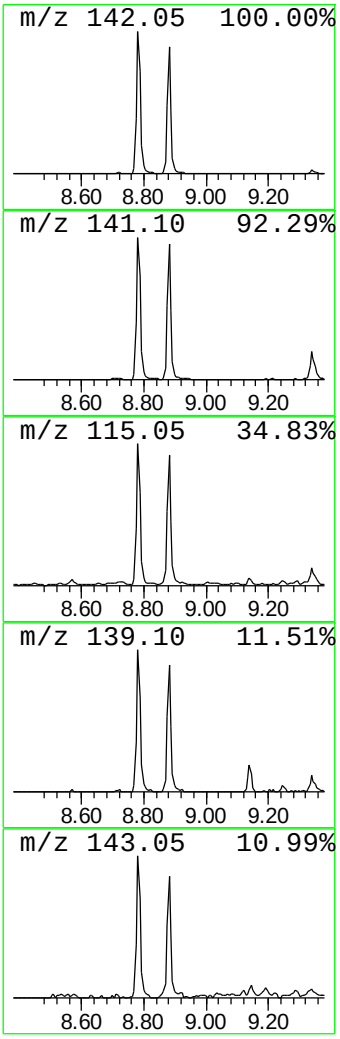
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	10.20 ng	637008	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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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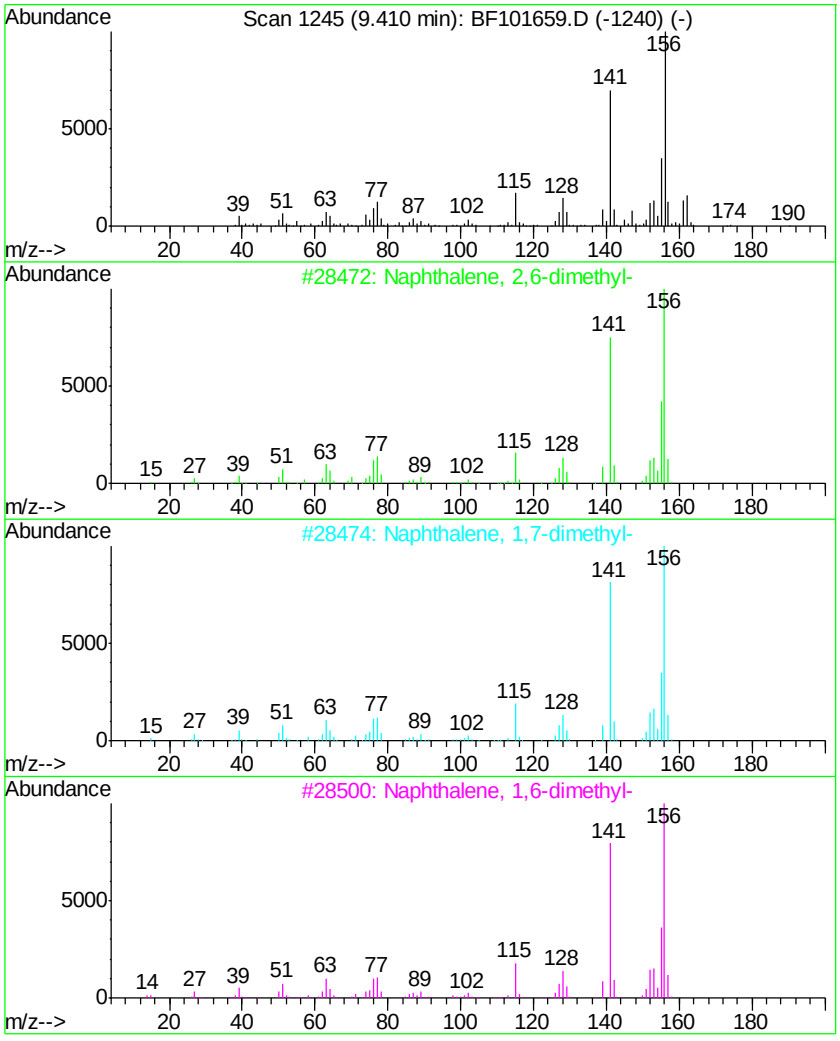
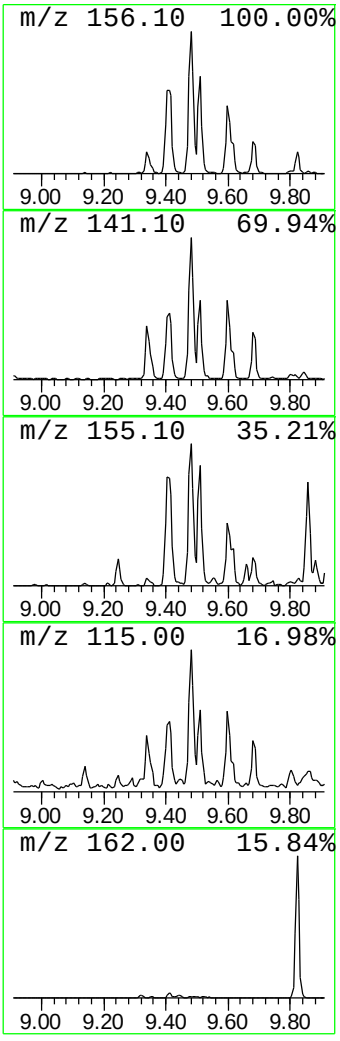
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	8.01 ng	440988	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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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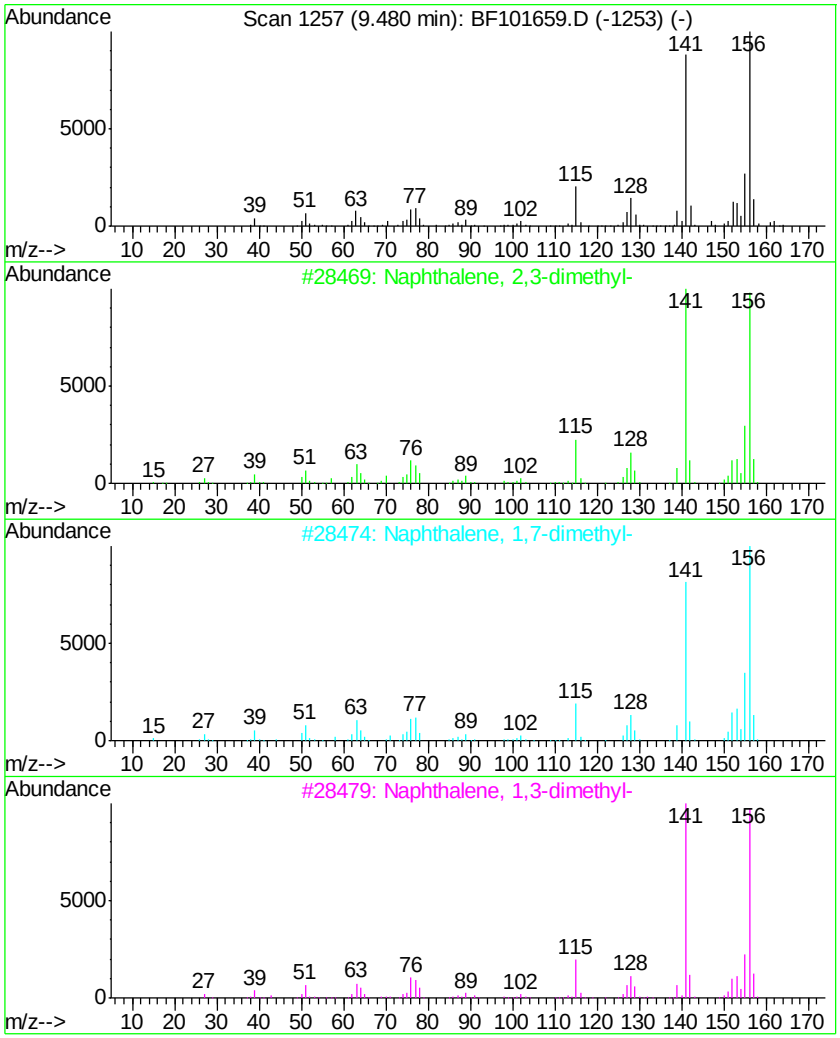
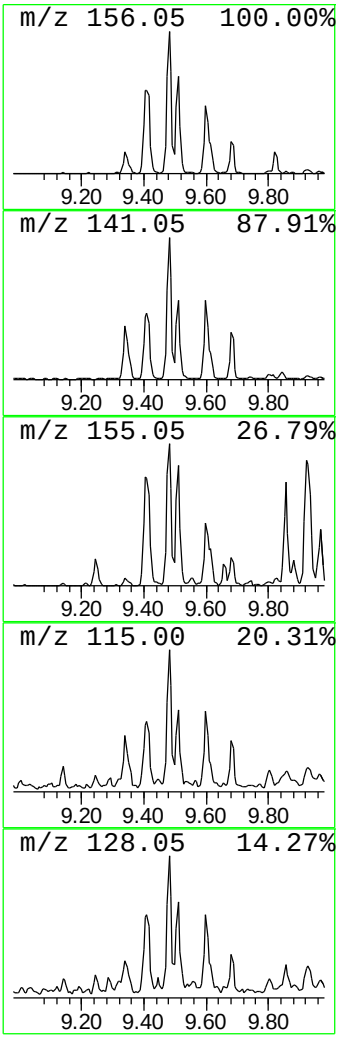
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	10.59 ng	582866	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101659.D
Acq On : 22 Dec 2017 17:53
Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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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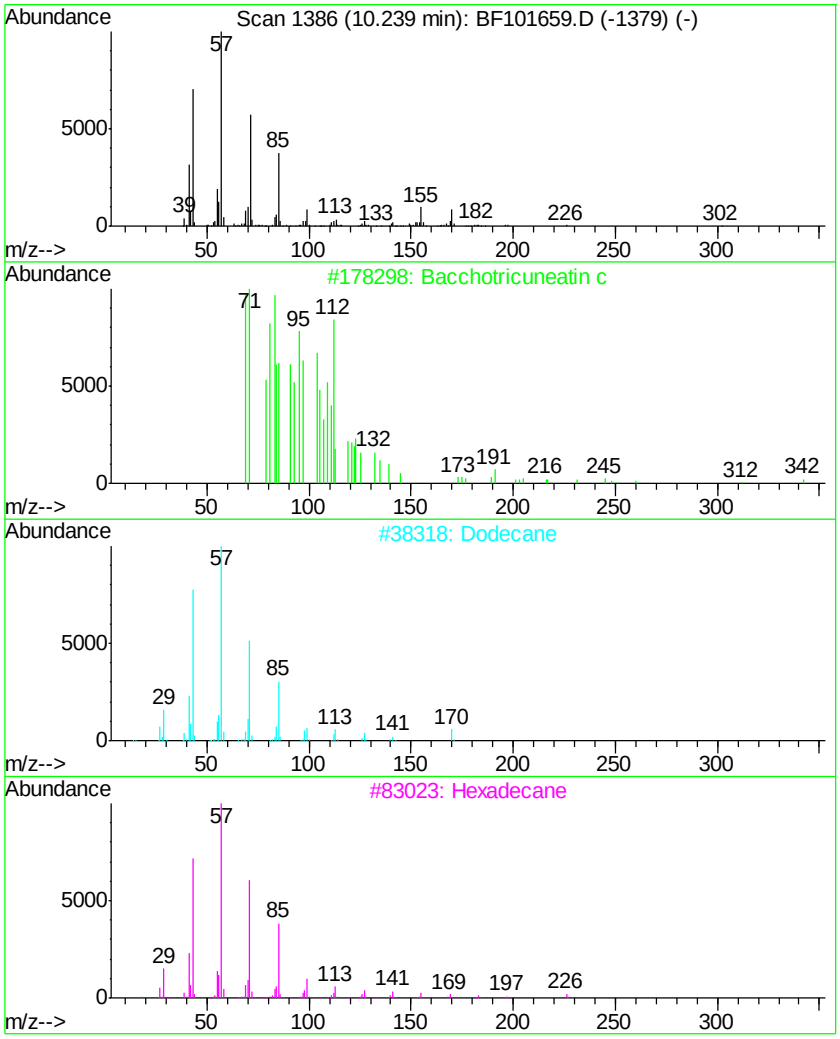
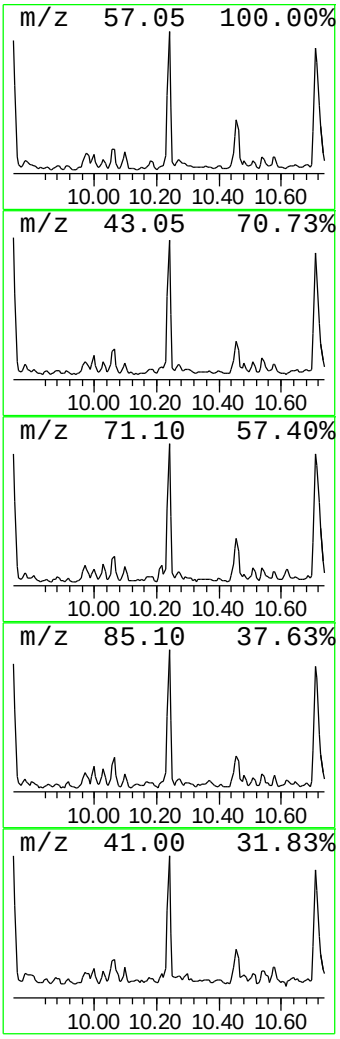
Peak Number 7 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	11.05 ng	608628	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	86
2	Dodecane	170	C12H26	000112-40-3	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Tridecane	184	C13H28	000629-50-5	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Operator : SJ/JU
Sample : I6683-11 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-C

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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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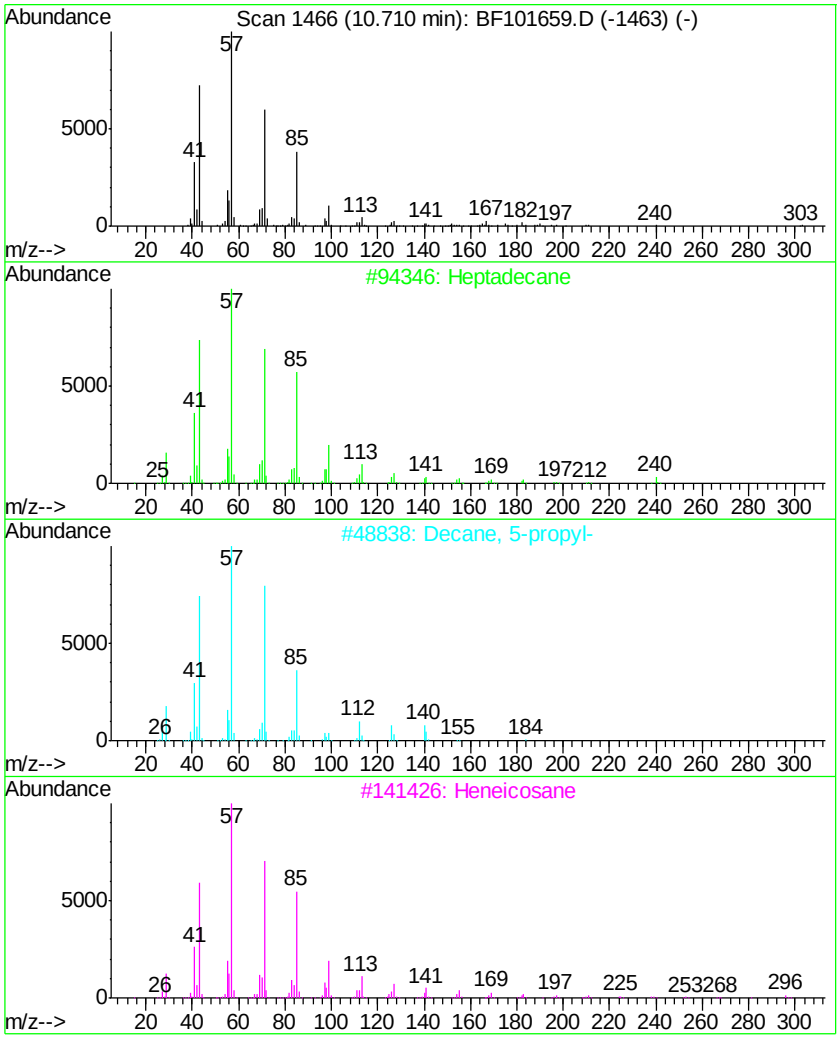
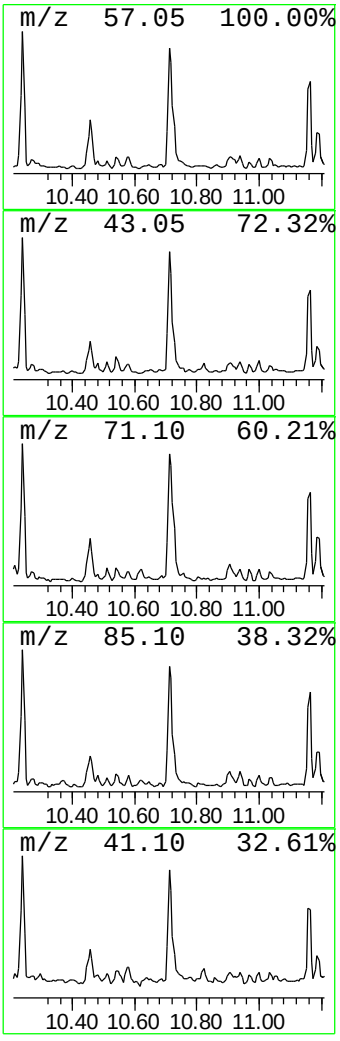
Peak Number 8 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	8.83 ng	542436	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Decane, 5-propyl-	184	C13H28	017312-62-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Nonadecane	268	C19H40	000629-92-5	83





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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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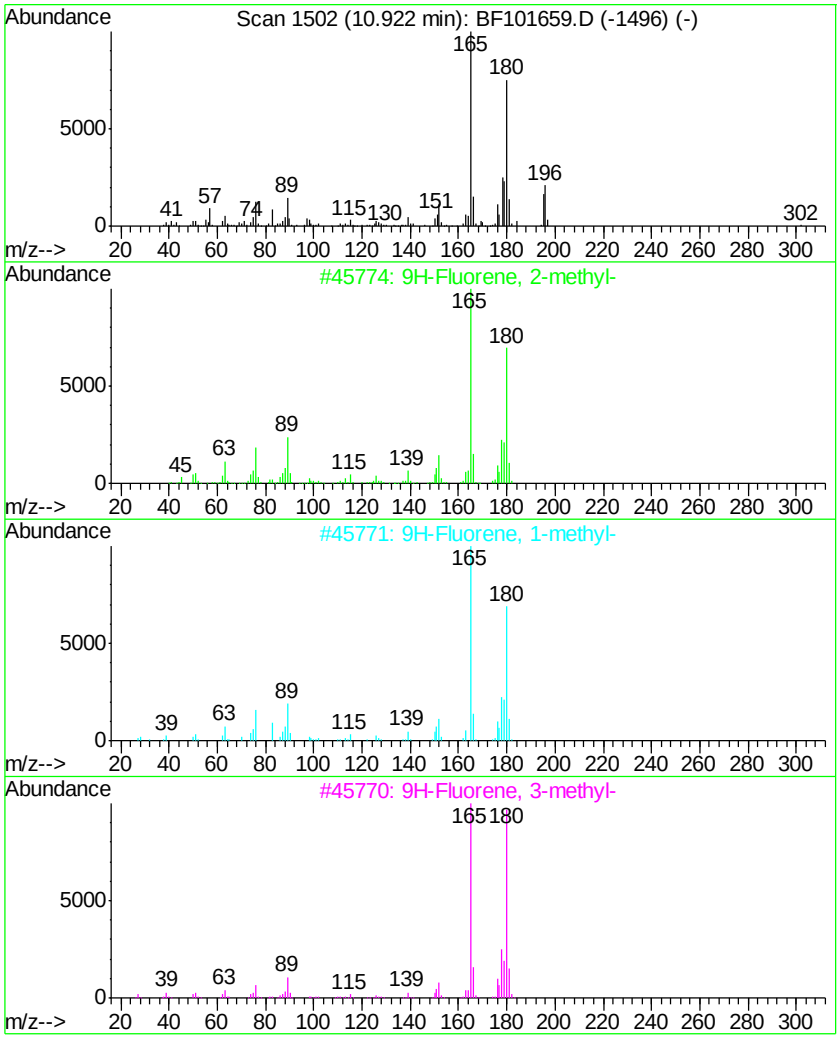
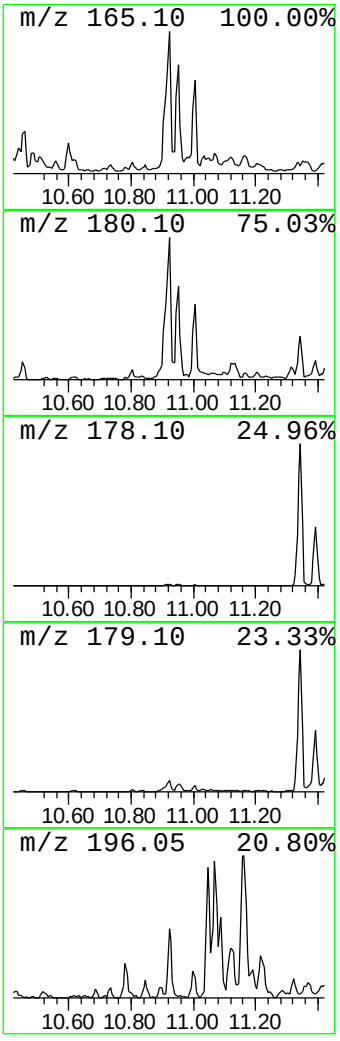
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	7.45 ng	457575	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89





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

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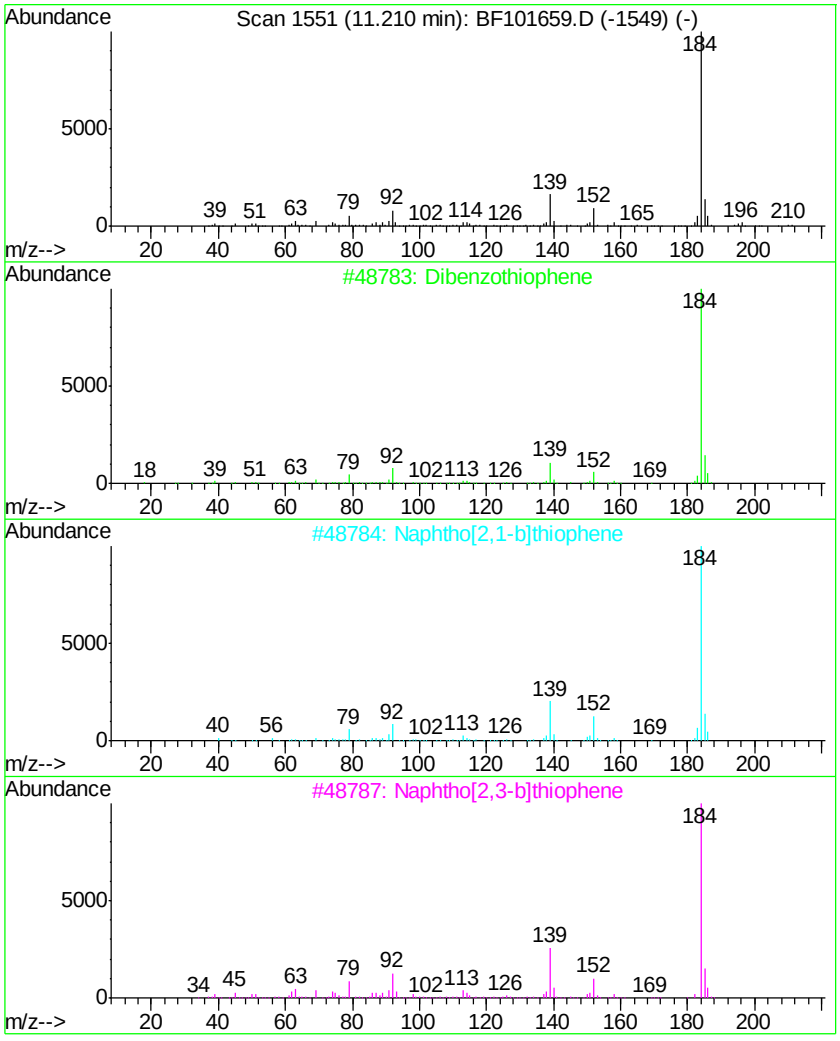
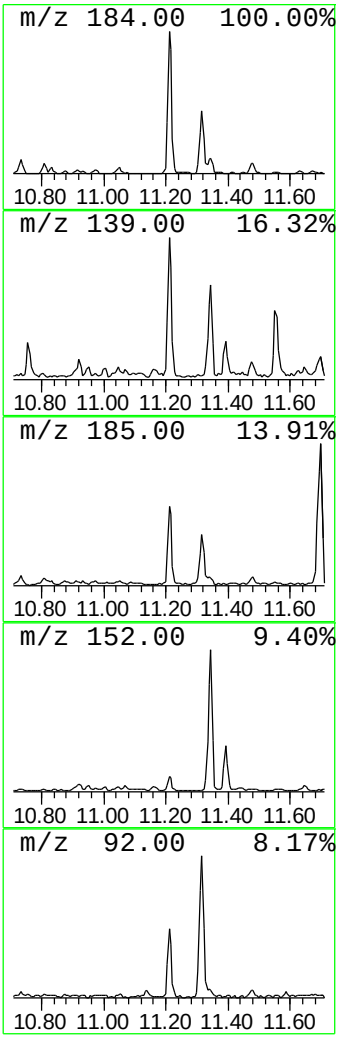
Peak Number 10 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	6.95 ng	426960	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	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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

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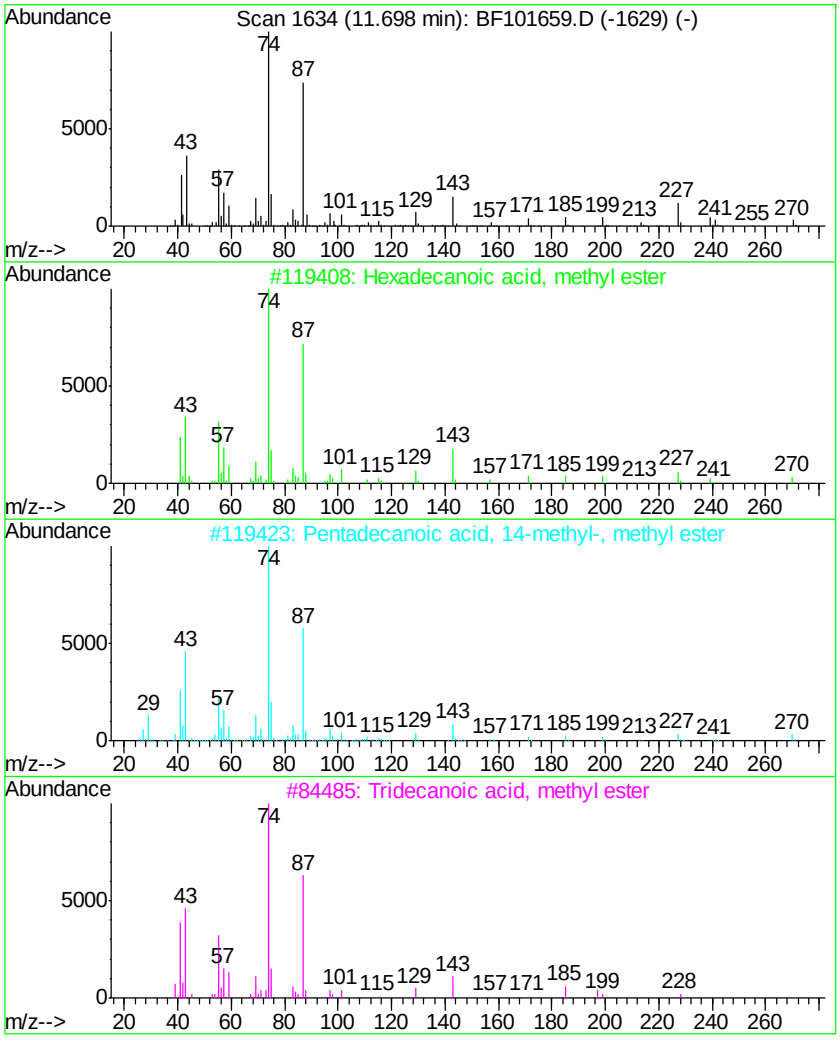
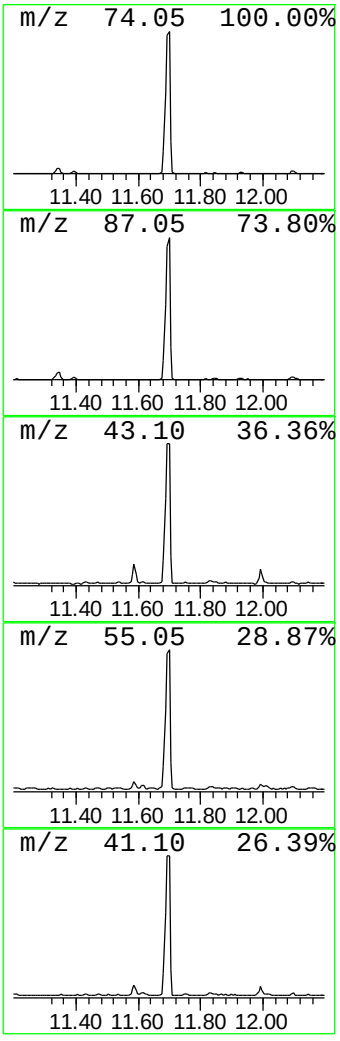
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	68.63 ng	4217680	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





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

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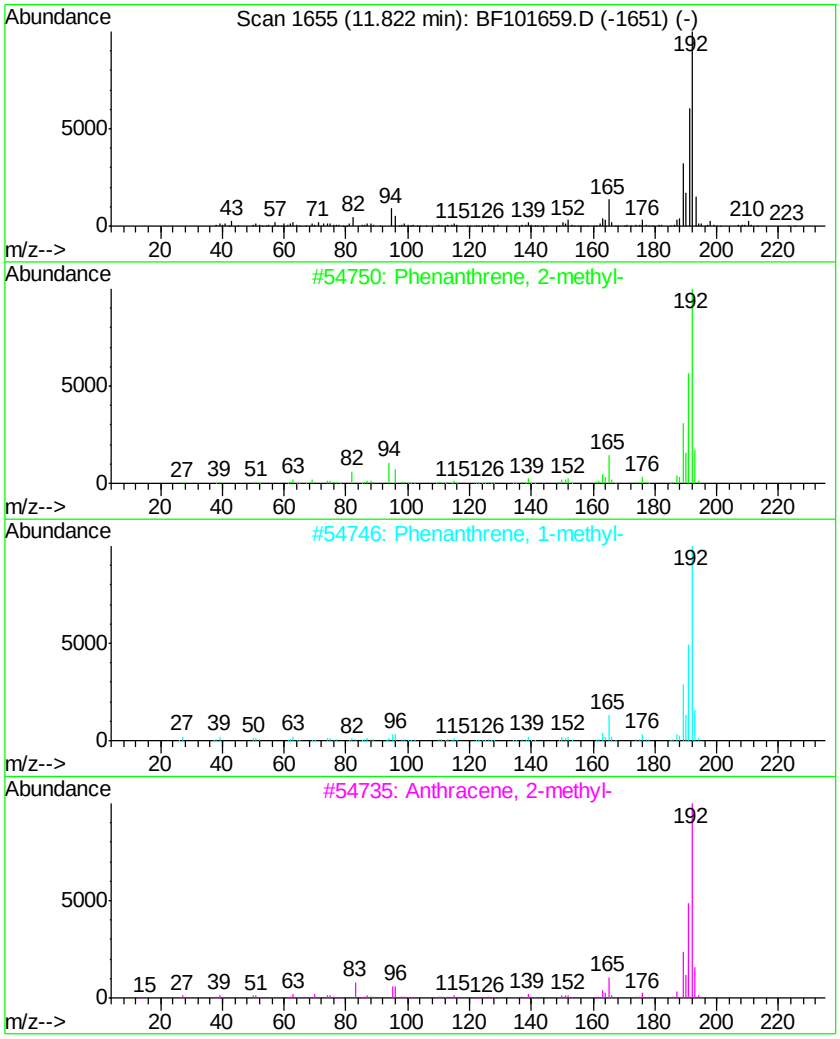
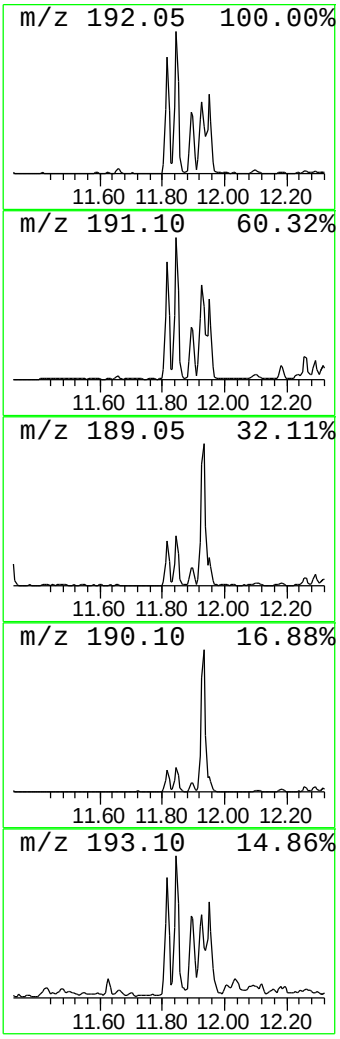
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	12.17 ng	747763	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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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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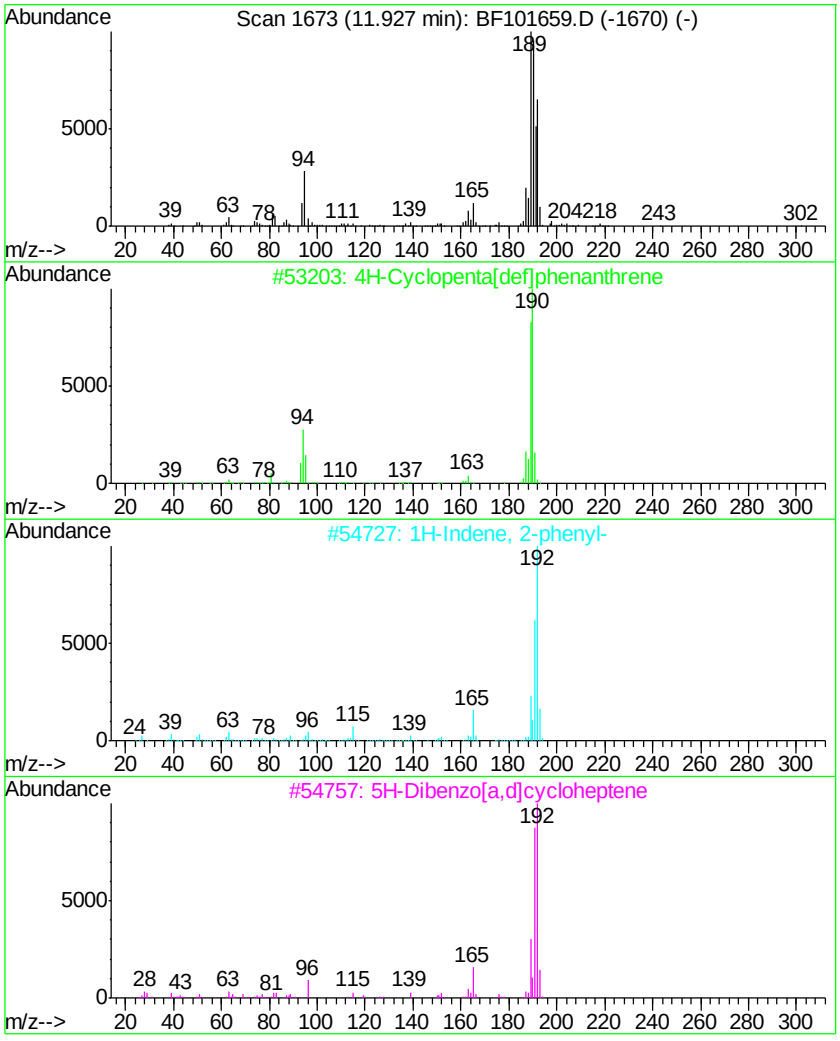
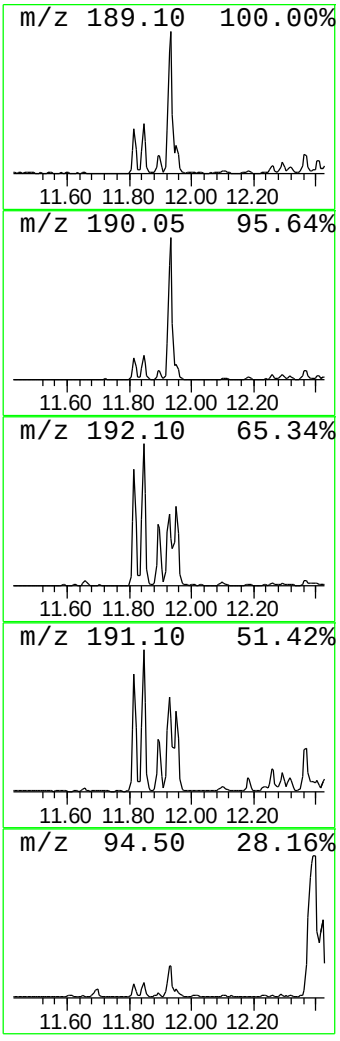
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	20.21 ng	1241870	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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ClientSampleId : EO-02-122017-C

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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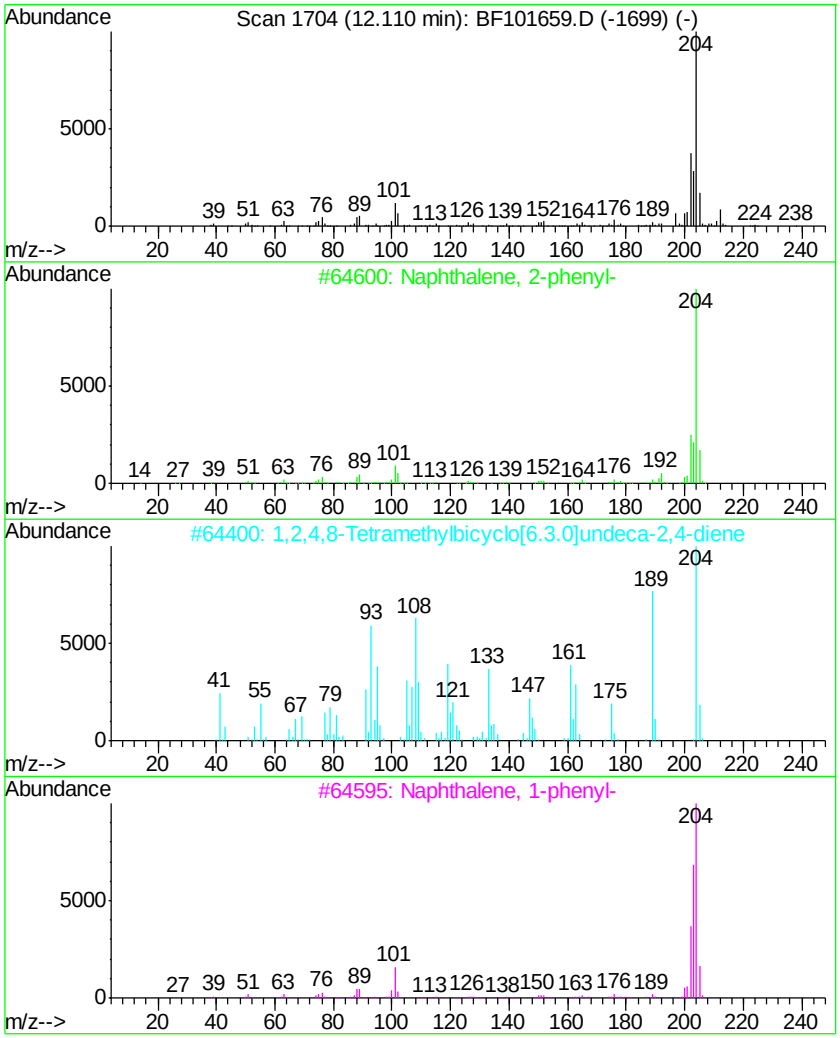
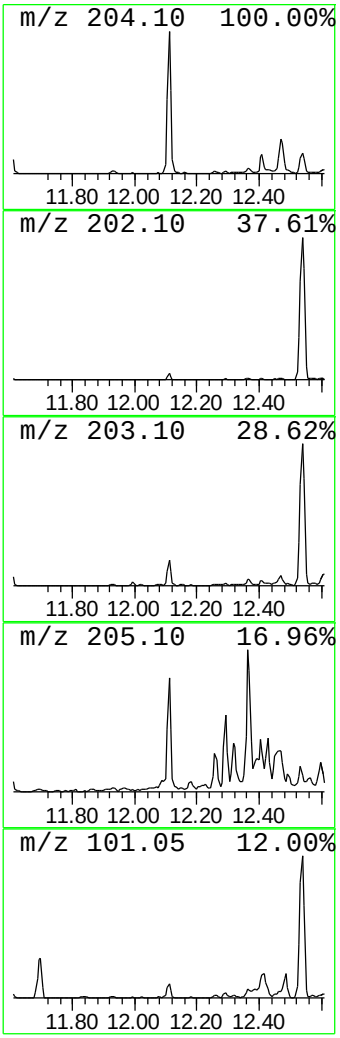
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	6.93 ng	425621	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	95
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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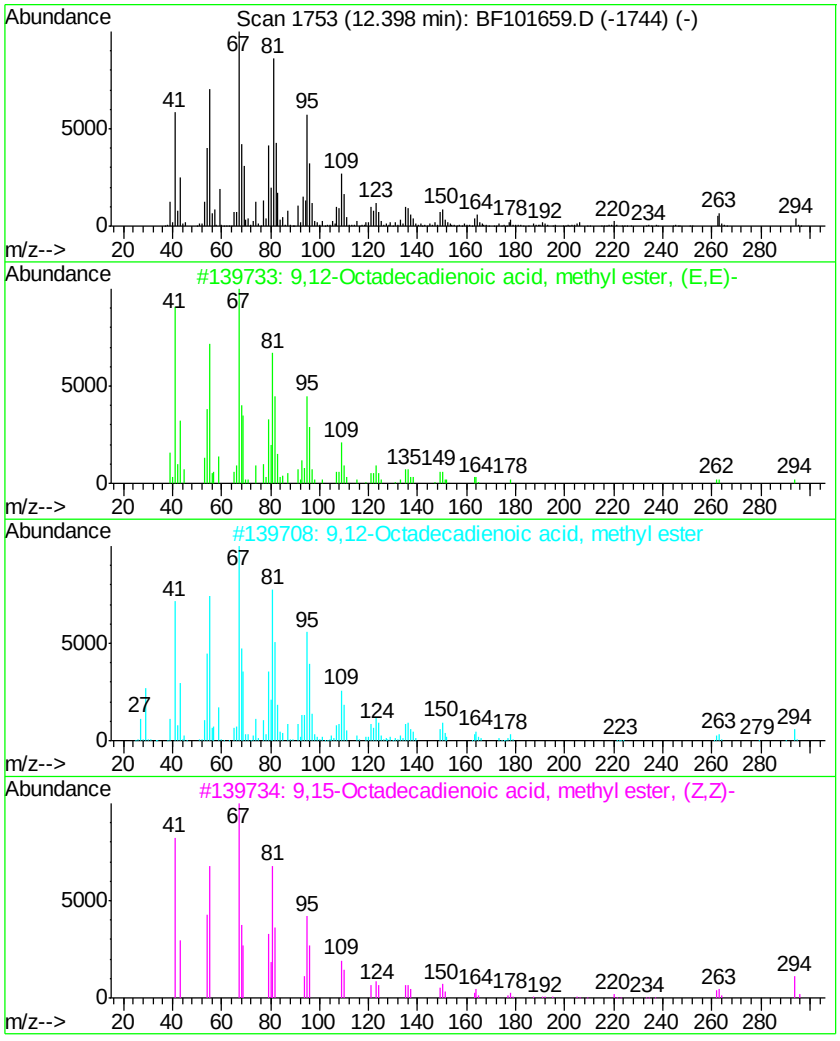
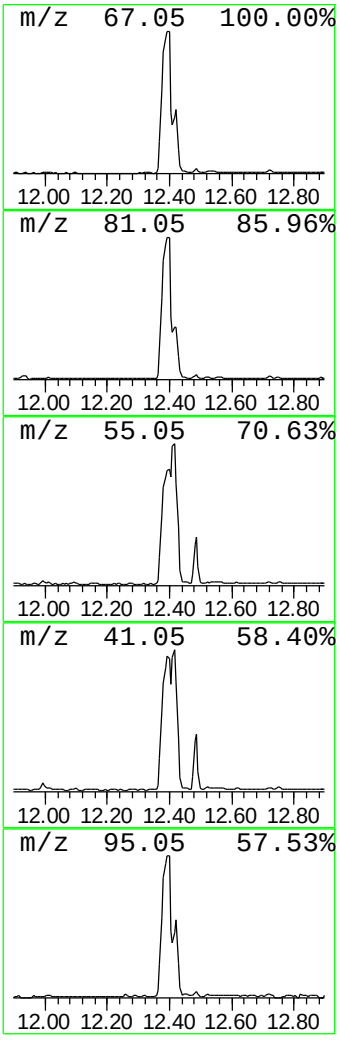
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	169.96 ng	10445100	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





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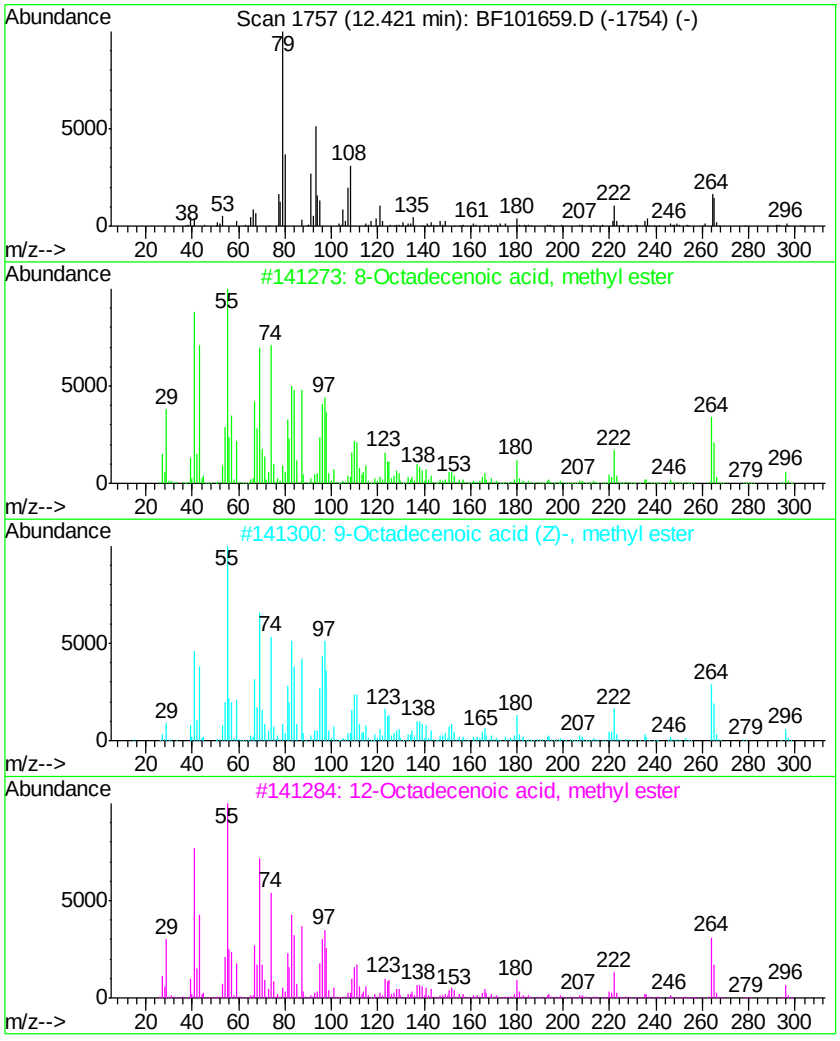
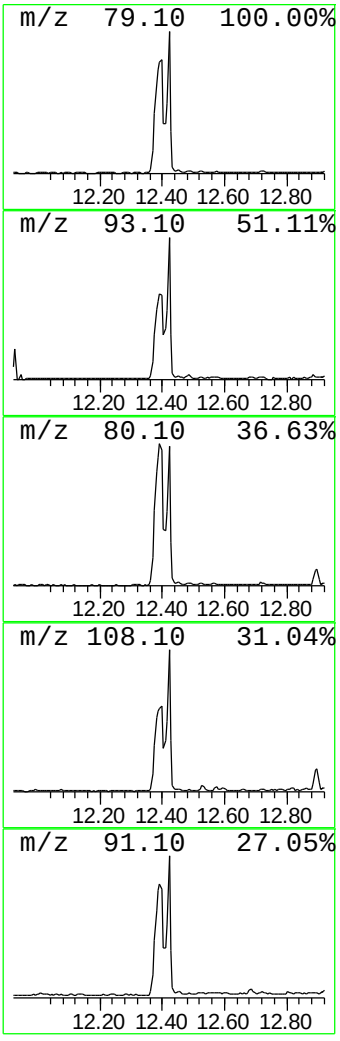
Peak Number 17 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	99.44 ng	6111680	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	90
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	87
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86





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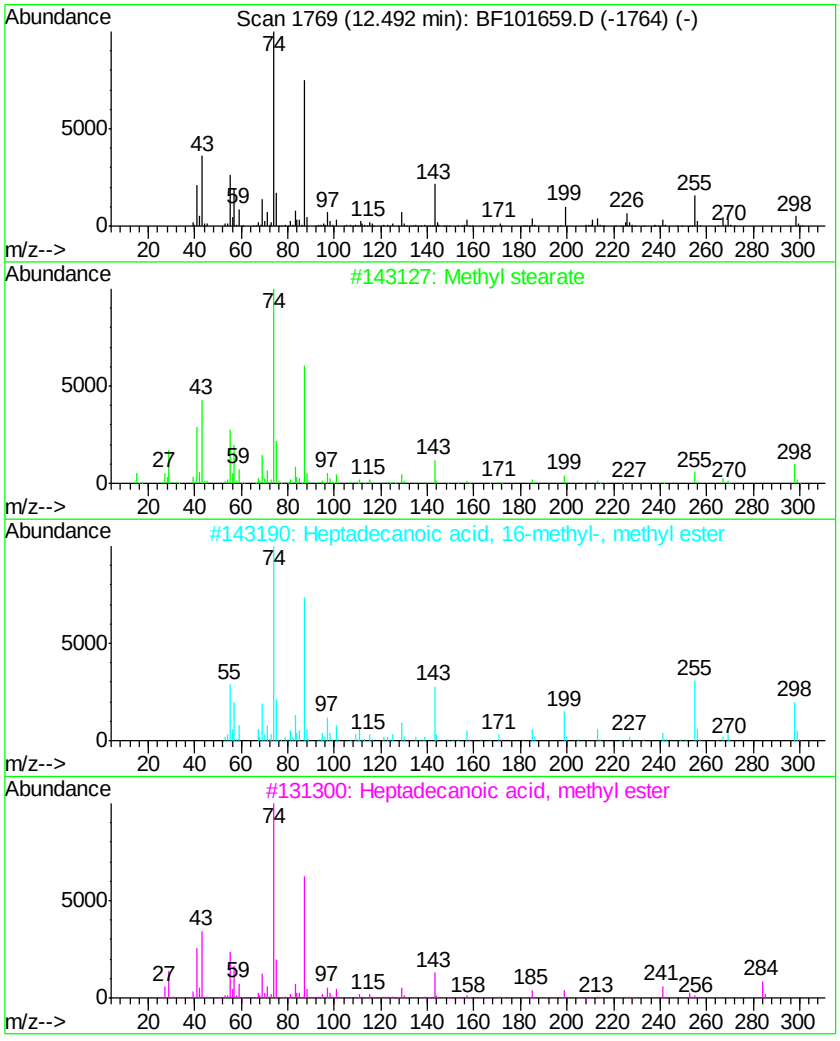
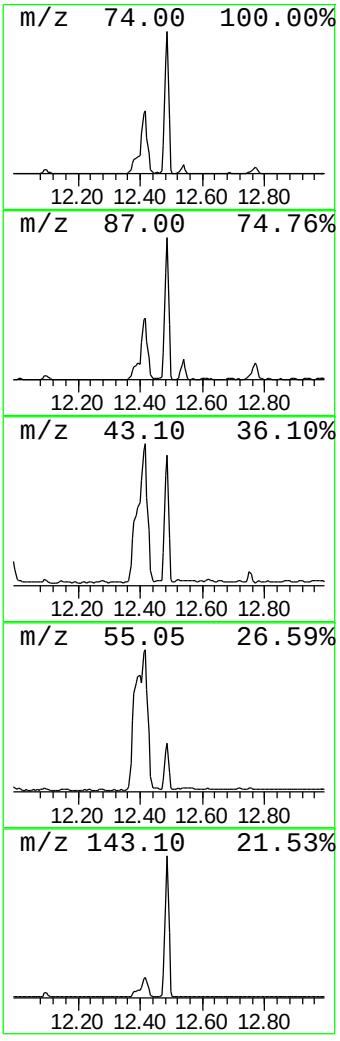
Peak Number 18 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	35.08 ng	2155910	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90





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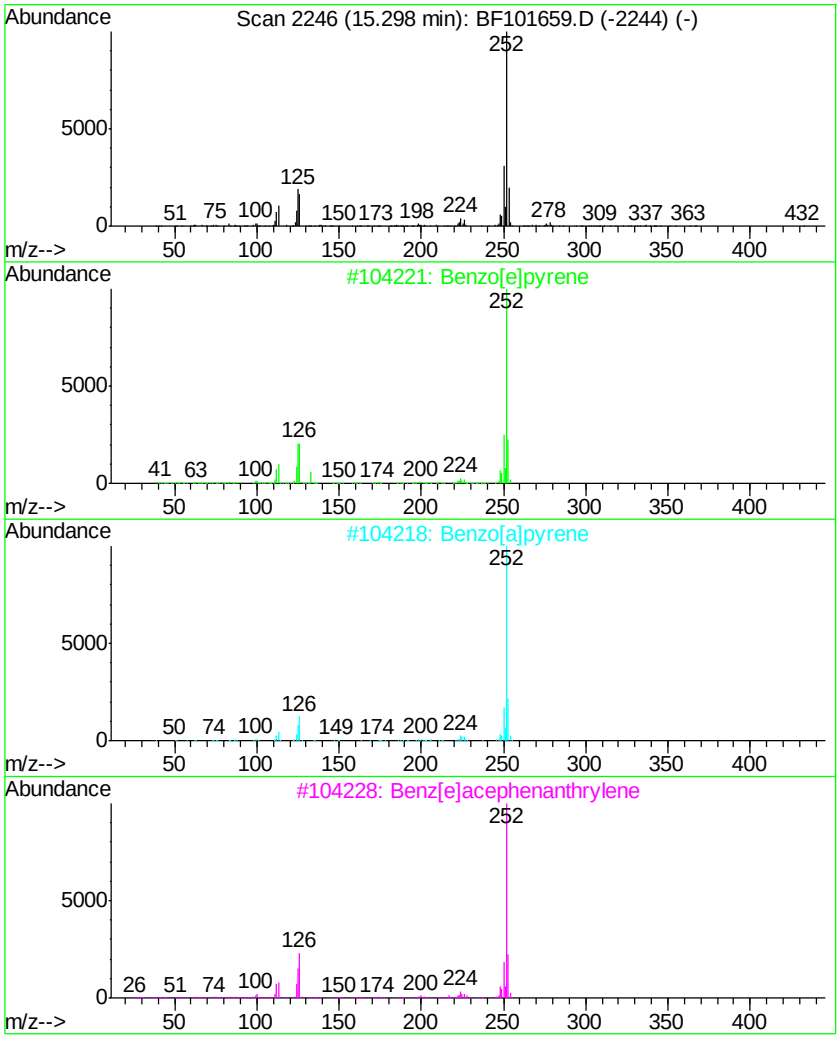
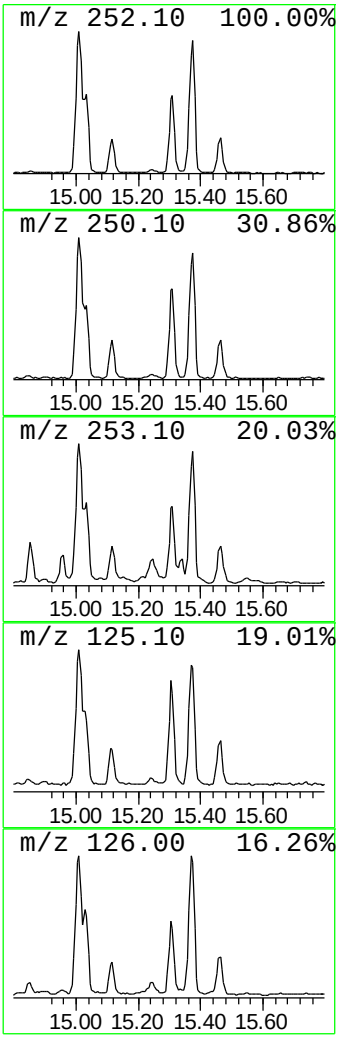
Peak Number 20 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	21.19 ng	754424	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	34.9	ng	1682470	1	6.79	963602	20.0
Naphthalene, 1-me...	8.88	10.2	ng	637008	2	8.07	1248560	20.0
Naphthalene, 2,6-...	9.41	8.0	ng	440988	3	9.82	1101210	20.0
Naphthalene, 2,3-...	9.48	10.6	ng	582866	3	9.82	1101210	20.0
Bacchotricuneatin c	10.24	11.1	ng	608628	3	9.82	1101210	20.0
Heptadecane	10.71	8.8	ng	542436	4	11.32	1229160	20.0
9H-Fluorene, 2-me...	10.92	7.5	ng	457575	4	11.32	1229160	20.0
Dibenzothiophene	11.21	7.0	ng	426960	4	11.32	1229160	20.0
Hexadecanoic acid...	11.70	68.6	ng	4217680	4	11.32	1229160	20.0
Phenanthrene, 2-m...	11.82	12.2	ng	747763	4	11.32	1229160	20.0
4H-Cyclopenta[def...	11.93	20.2	ng	1241870	4	11.32	1229160	20.0
Naphthalene, 2-ph...	12.11	6.9	ng	425621	4	11.32	1229160	20.0
9,12-Octadecadien...	12.40	170.0	ng	10445100	4	11.32	1229160	20.0
8-Octadecenoic ac...	12.42	99.4	ng	6111680	4	11.32	1229160	20.0
Methyl stearate	12.49	35.1	ng	2155910	4	11.32	1229160	20.0
Benzo[e]pyrene	15.30	21.2	ng	754424	6	15.43	712164	20.0