LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

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-BF022218.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	5.104	510	513	523	rBV	43521	65121	2.22%	0.166%
2	5.504	577	581	608	rBV	1964274	2867400	97.78%	7.331%
3	6.516	749	753	771	rBV	2153198	2932525	100.00%	7.498%
4	6.645	771	775	782	rBV	2412679	2645047	90.20%	6.763%
5	6.875	810	814	821	rBV	774101	798510	27.23%	2.042%
6	7.028	836	840	856	rBV	2017172	2045694	69.76%	5.230%
7	7.439	906	910	928	rBV	1657076	1760655	60.04%	4.502%
8	8.157	1028	1032	1034	rBV	1019476	918194	31.31%	2.348%
9	8.175	1034	1035	1043	rVB	263663	292043	9.96%	0.747%
10	8.875	1151	1154	1157	rBV	154555	154537	5.27%	0.395%
11	8.910	1157	1160	1165	rVV	33661	40833	1.39%	0.104%
12	8.969	1167	1170	1176	rVB	127727	124234	4.24%	0.318%
13	9.228	1210	1214	1223	rBV	2522039	2371202	80.86%	6.063%
14	9.333	1229	1232	1236	rBV	63731	57410	1.96%	0.147%
15	9.428	1243	1248	1254	rVB	38986	50570	1.72%	0.129%
16	9.498	1256	1260	1265	rBV2	69768	104424	3.56%	0.267%
17	9.575	1269	1273	1275	rBV	103178	117393	4.00%	0.300%
18	9.598	1275	1277	1282	rVB2	74452	82613	2.82%	0.211%
19	9.686	1288	1292	1294	rBV2	56323	61471	2.10%	0.157%
20	9.775	1304	1307	1312	rBV	98422	108616	3.70%	0.278%
21	9.828	1312	1316	1319	rVB	43181	35493	1.21%	0.091%
22	9.892	1324	1327	1328	rBV	51114	46471	1.58%	0.119%
23	9.916	1328	1331	1334	rVV	1026773	952083	32.47%	2.434%
24	9.945	1334	1336	1342	rVV	355848	347288	11.84%	0.888%
25	10.069	1353	1357	1362	rBV2	42735	55226	1.88%	0.141%
26	10.122	1362	1366	1369	rBV	246623	241958	8.25%	0.619%
27	10.157	1369	1372	1375	rVB2	52043	52443	1.79%	0.134%
28	10.227	1381	1384	1387	rBV2	46964	50484	1.72%	0.129%
29	10.263	1387	1390	1394	rVV	33795	37392	1.28%	0.096%
30	10.327	1394	1401	1406	rVV3	90594	135625	4.62%	0.347%
31	10.463	1421	1424	1430	rVB	299114	315462	10.76%	0.807%
32	10.533	1434	1436	1437	rVV2	45444	39861	1.36%	0.102%
33	10.551	1437	1439	1441	rVB2	75886	57111	1.95%	0.146%
34	10.604	1445	1448	1449	rBV2	38537	37399	1.28%	0.096%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.622	1449	1451	1455	rVB2	101709	93709	3.20%	0.240%
36	10.710	1462	1466	1472	rBV2	1151775	1282654	43.74%	3.279%
37	10.804	1479	1482	1492	rVB2	102074	157870	5.38%	0.404%
38	11.016	1511	1518	1521	rBV3	92652	167416	5.71%	0.428%
39	11.045	1521	1523	1525	rVV2	54729	52944	1.81%	0.135%
40	11.098	1529	1532	1534	rVB3	37421	38297	1.31%	0.098%
41	11.139	1534	1539	1541	rBV3	53545	77490	2.64%	0.198%
42	11.163	1541	1543	1549	rVV2	55832	68419	2.33%	0.175%
43	11.222	1549	1553	1556	rVV	67263	67429	2.30%	0.172%
44	11.251	1556	1558	1565	rVV3	127366	195089	6.65%	0.499%
45	11.310	1565	1568	1572	rVB	118486	121309	4.14%	0.310%
46	11.410	1581	1585	1587	rBV	833455	799498	27.26%	2.044%
47	11.439	1587	1590	1593	rVV	1889566	1718415	58.60%	4.394%
48	11.486	1593	1598	1603	rVV	566133	565030	19.27%	1.445%
49	11.527	1603	1605	1608	rVB	36270	36811	1.26%	0.094%
50	11.651	1620	1626	1629	rBV2	161356	218172	7.44%	0.558%
51	11.751	1639	1643	1647	rVB3	25978	41397	1.41%	0.106%
52	11.910	1667	1670	1673	rBV	230862	235024	8.01%	0.601%
53	11.945	1673	1676	1679	rVV	337220	334304	11.40%	0.855%
54	11.992	1680	1684	1687	rVV	151302	142988	4.88%	0.366%
55	12.027	1687	1690	1692	rVV	385096	403423	13.76%	1.031%
56	12.051	1692	1694	1698	rVV	163308	129738	4.42%	0.332%
57	12.086	1698	1700	1705	rVV4	43970	56252	1.92%	0.144%
58	12.204	1718	1720	1725	rBV2	156553	168490	5.75%	0.431%
59	12.245	1725	1727	1731	rVB	71446	59017	2.01%	0.151%
60	12.280	1731	1733	1737	rVB	101688	86962	2.97%	0.222%
61	12.321	1737	1740	1742	rBV4	32125	34012	1.16%	0.087%
62	12.374	1744	1749	1750	rBV2	93664	95831	3.27%	0.245%
63	12.416	1754	1756	1757	rBV	48111	32509	1.11%	0.083%
64	12.439	1757	1760	1762	rBV	64503	58049	1.98%	0.148%
65	12.469	1762	1765	1768	rBV2	133879	167004	5.69%	0.427%
66	12.563	1776	1781	1789	rVB3	89733	168725	5.75%	0.431%
67	12.633	1789	1793	1797	rBV	1855952	1871506	63.82%	4.785%
68	12.698	1801	1804	1807	rVV3	36966	51114	1.74%	0.131%
69	12.786	1816	1819	1821	rVV	60781	58026	1.98%	0.148%
70	12.868	1825	1833	1837	rBV	1627678	2013085	68.65%	5.147%
71	12.910	1837	1840	1844	rVB2	117408	136163	4.64%	0.348%

LSC Area Percent Report

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Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.998	1849	1855	1858	rBV	1603202	1672739	57.04%	4.277%
73	13.027	1858	1860	1864	rVB	89427	87809	2.99%	0.225%
74	13.086	1864	1870	1873	rBV2	130614	221628	7.56%	0.567%
75	13.192	1880	1888	1893	rBV2	354289	538472	18.36%	1.377%
76	13.257	1896	1899	1902	rBV2	213224	176419	6.02%	0.451%
77	13.298	1902	1906	1908	rBV2	169122	188536	6.43%	0.482%
78	13.392	1919	1922	1924	rBV	111061	98150	3.35%	0.251%
79	13.421	1924	1927	1932	rVV2	126964	136457	4.65%	0.349%
80	13.486	1936	1938	1940	rBV2	42899	38589	1.32%	0.099%
81	13.710	1973	1976	1979	rBV	93507	94622	3.23%	0.242%
82	13.815	1992	1994	1996	rBV	110974	90813	3.10%	0.232%
83	13.839	1996	1998	2001	rVB	145863	103686	3.54%	0.265%
84	13.874	2001	2004	2009	rBV4	161326	239030	8.15%	0.611%
85	13.915	2009	2011	2016	rVB	79052	84160	2.87%	0.215%
86	14.063	2032	2036	2040	rBV3	824748	1306152	44.54%	3.339%
87	14.098	2040	2042	2045	rVB	660205	509715	17.38%	1.303%
88	14.180	2053	2056	2058	rBV	114149	119447	4.07%	0.305%
89	15.139	2215	2219	2222	rBV	367014	566592	19.32%	1.449%
90	15.457	2270	2273	2276	rVB	178776	203701	6.95%	0.521%
91	15.521	2280	2284	2288	rBV	316807	393844	13.43%	1.007%
92	15.586	2292	2295	2298	rVB	215209	234690	8.00%	0.600%

Sum of corrected areas: 39112210

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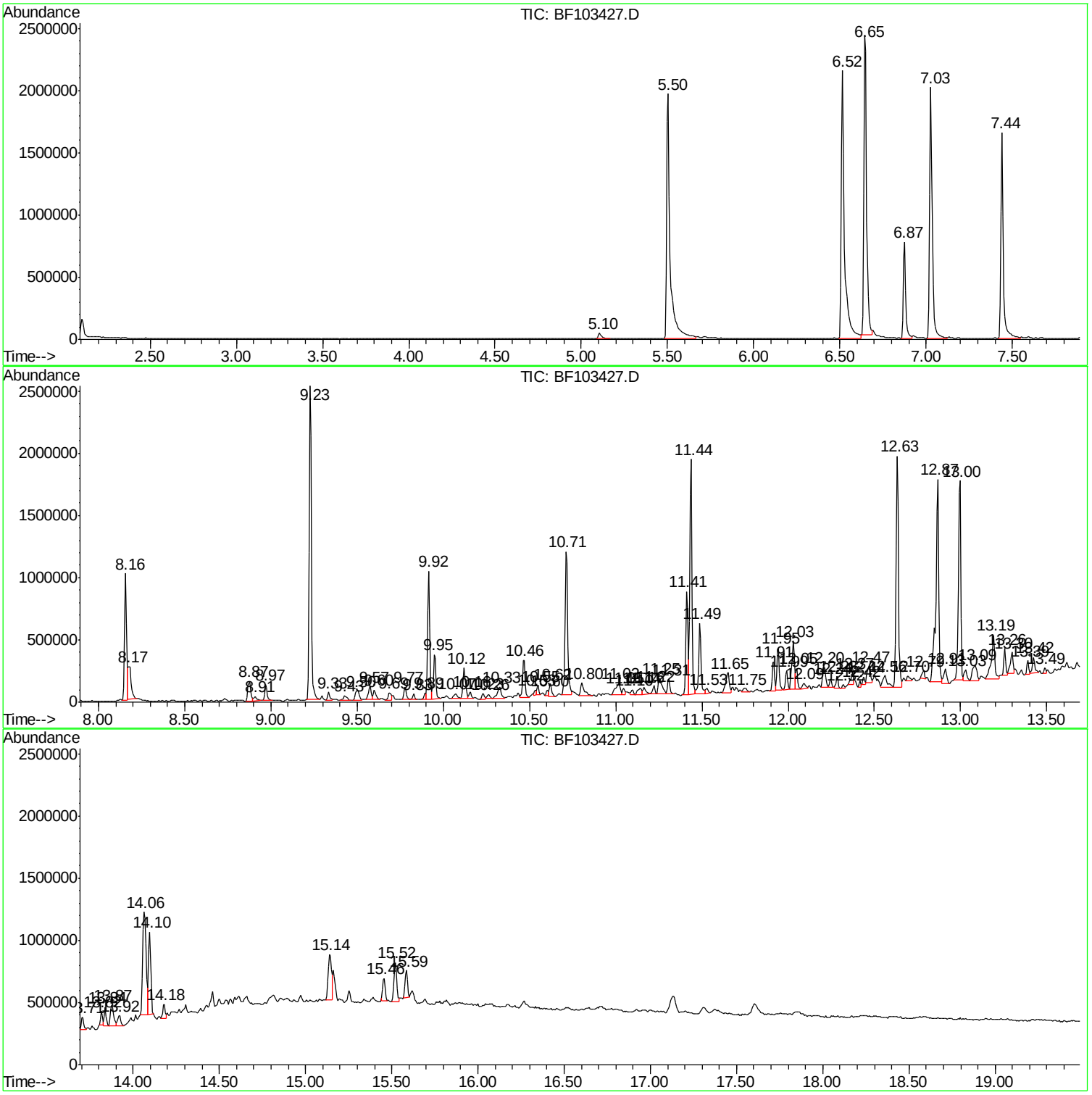
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
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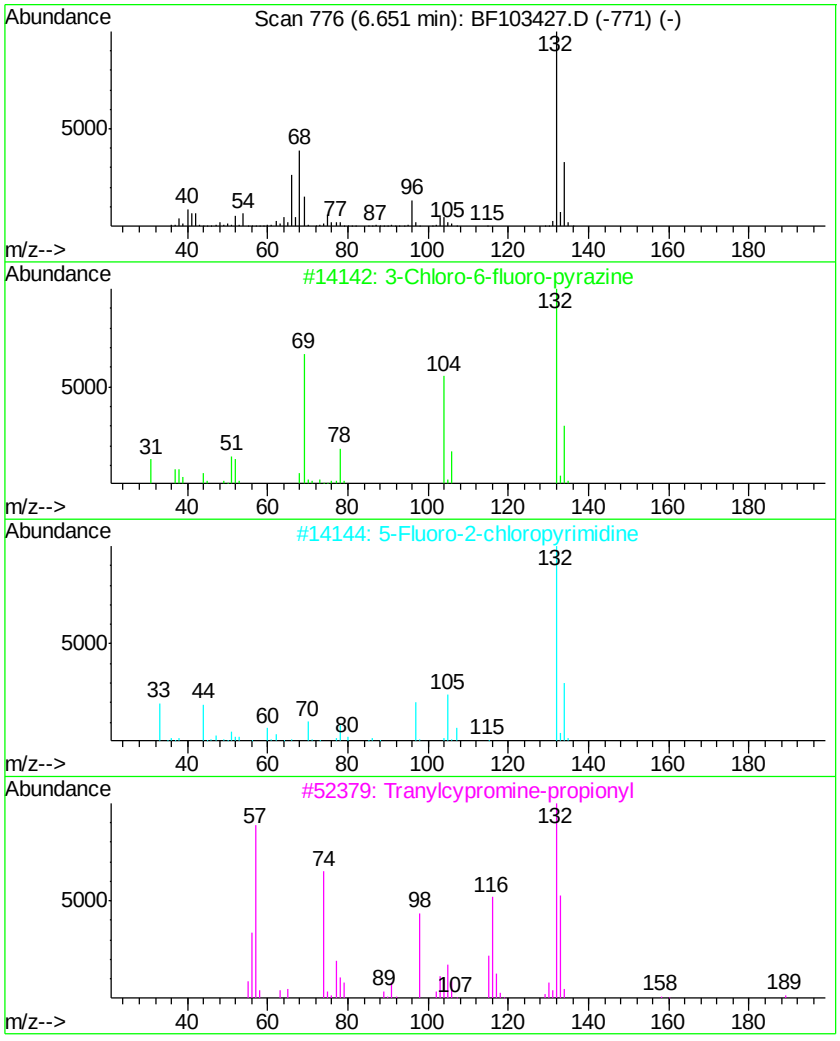
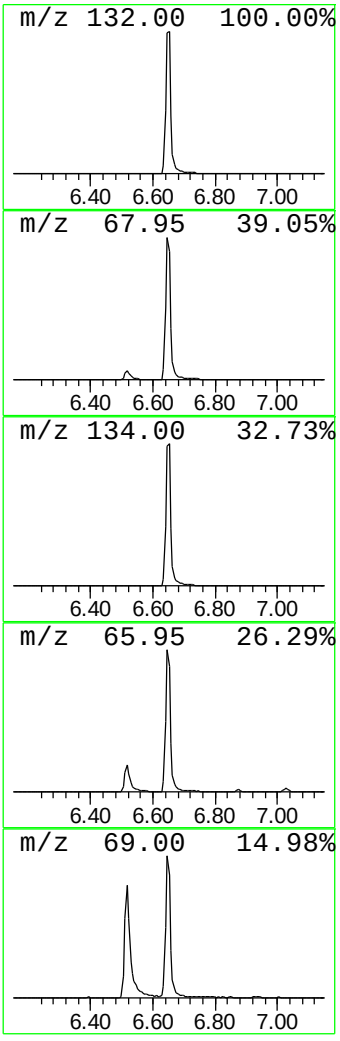
Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	66.25 ng	2645050	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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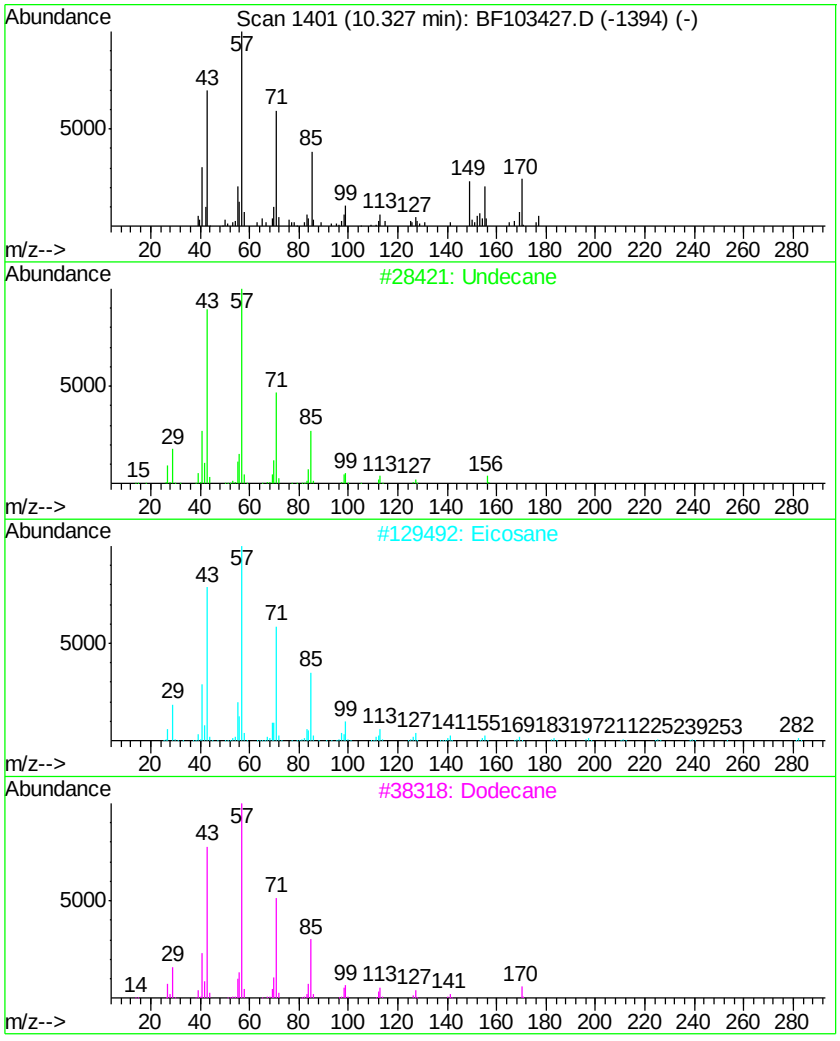
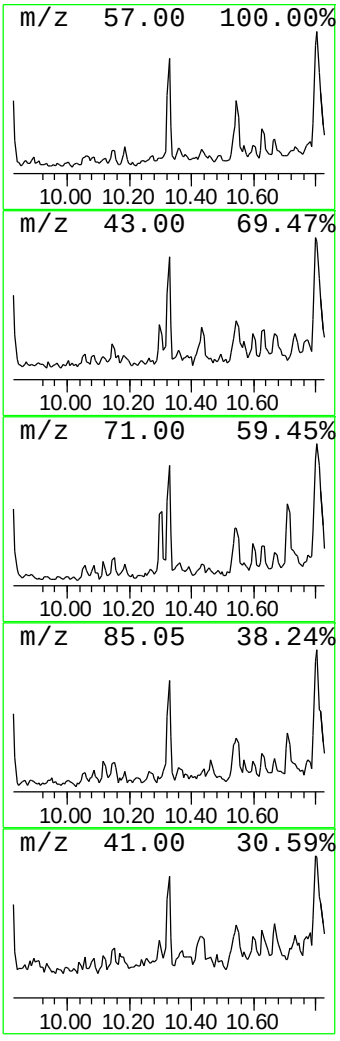
Peak Number 3 Undecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.85 ng	135625	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	53
2	Eicosane	282	C20H42	000112-95-8	49
3	Dodecane	170	C12H26	000112-40-3	49
4	Tetradecane	198	C14H30	000629-59-4	47
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	47





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Instrument : BNA_F
ClientSampleId : SP-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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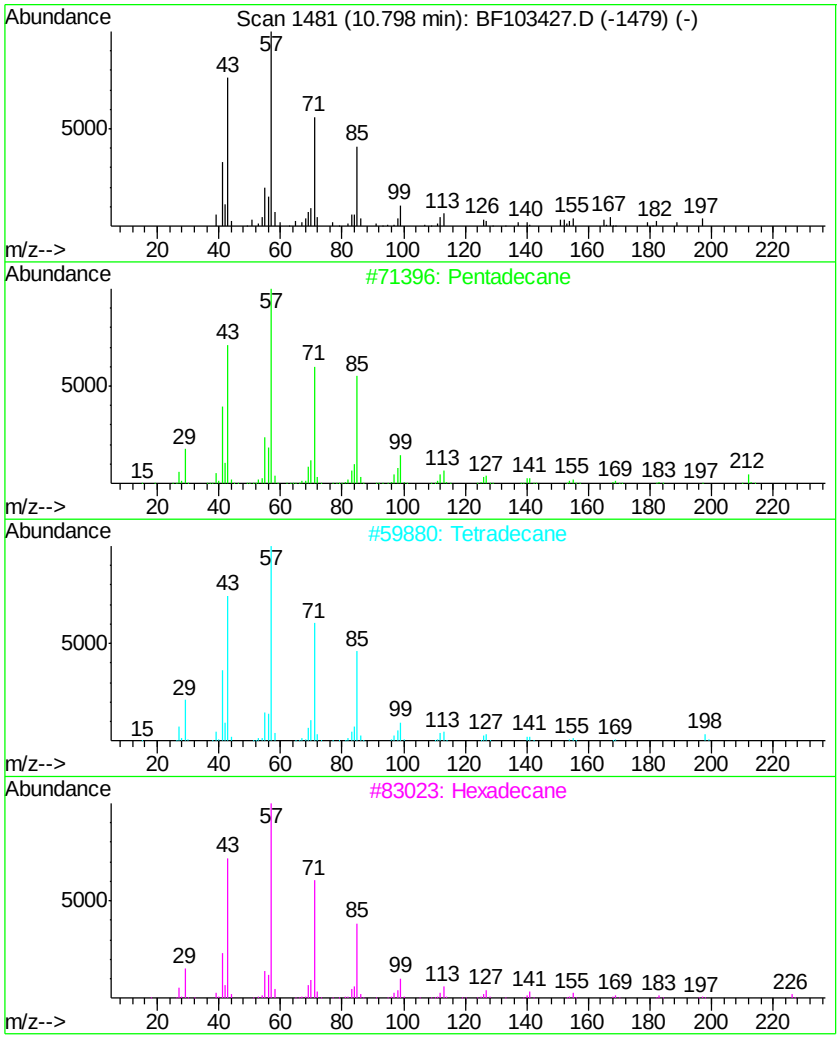
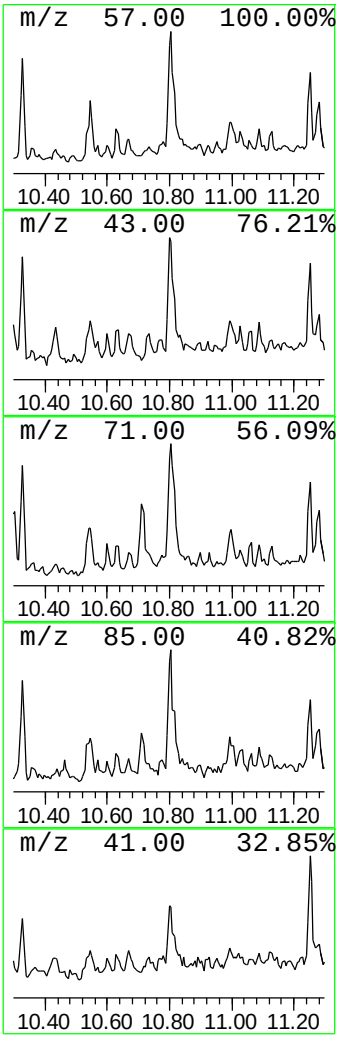
Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.95 ng	157870	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tetradecane	198	C14H30	000629-59-4	89
3	Hexadecane	226	C16H34	000544-76-3	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	60
5	Tridecane	184	C13H28	000629-50-5	58





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Acq On : 5 Mar 2018 23:35
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Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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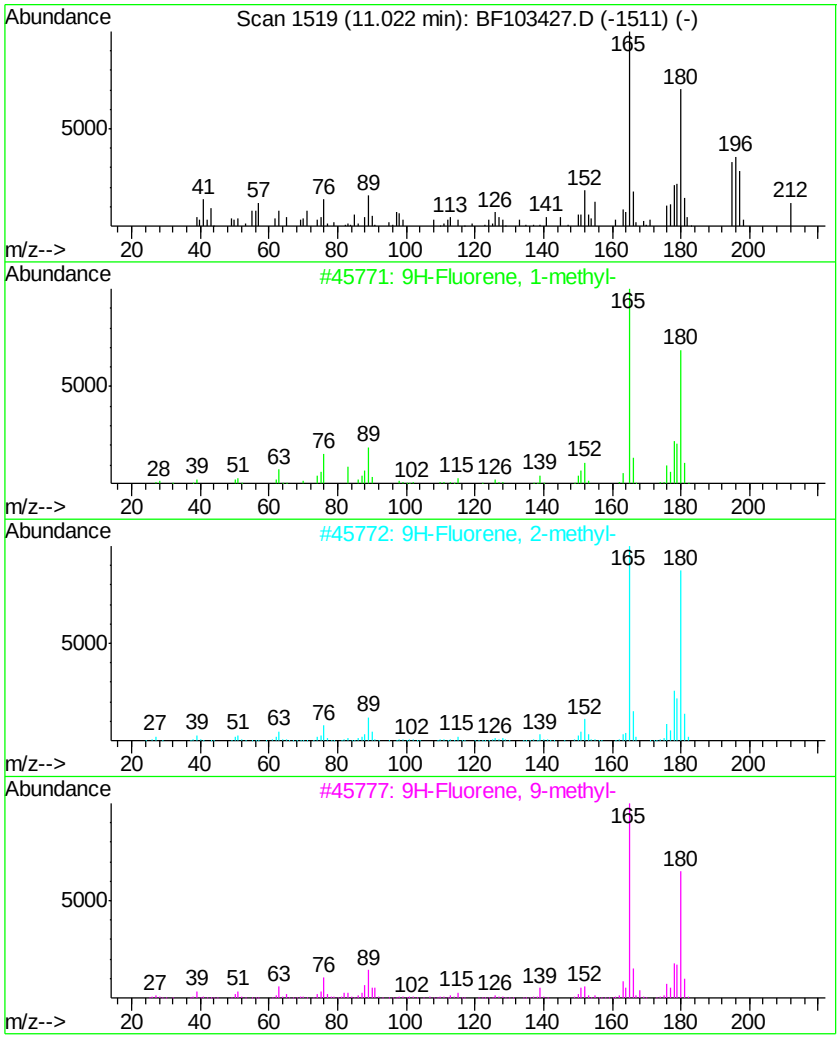
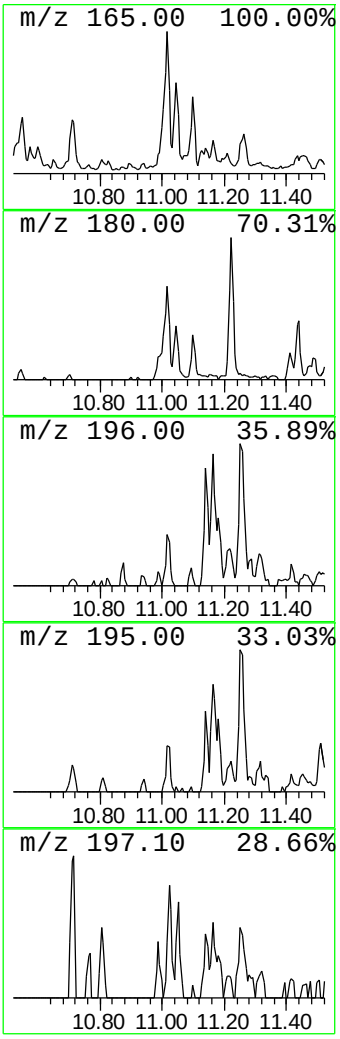
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.19 ng	167416	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	64





Library Search Compound Report

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Acq On : 5 Mar 2018 23:35
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Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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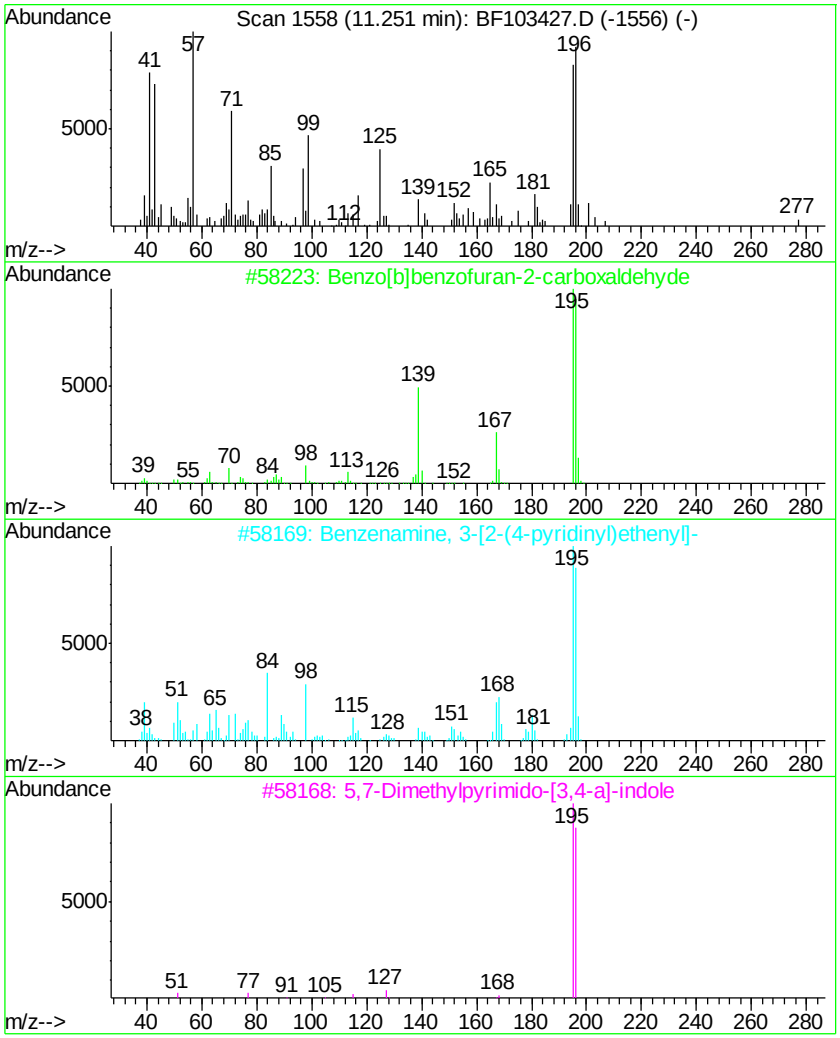
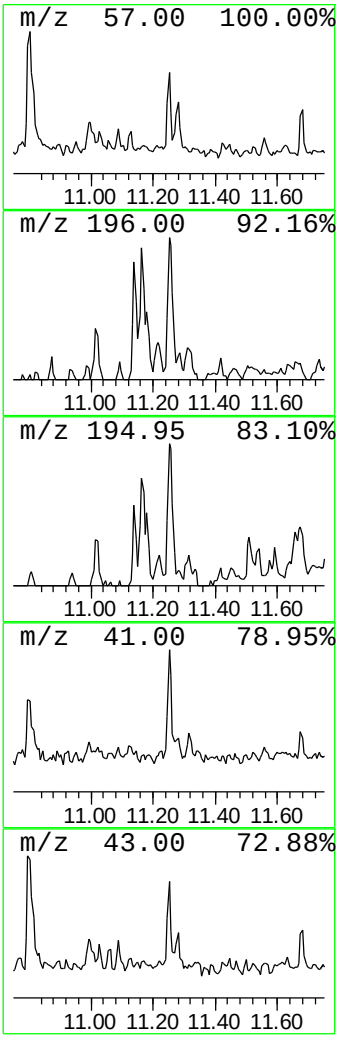
Peak Number 6 unknown11.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.88 ng	195089	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	41
2	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	41
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	38
4	2,3,4,6-Tetrafluoronitrobenzene	195	C6HF4NO2	000314-41-0	30
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103427.D
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Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Integration Parameters: LSCINT.P

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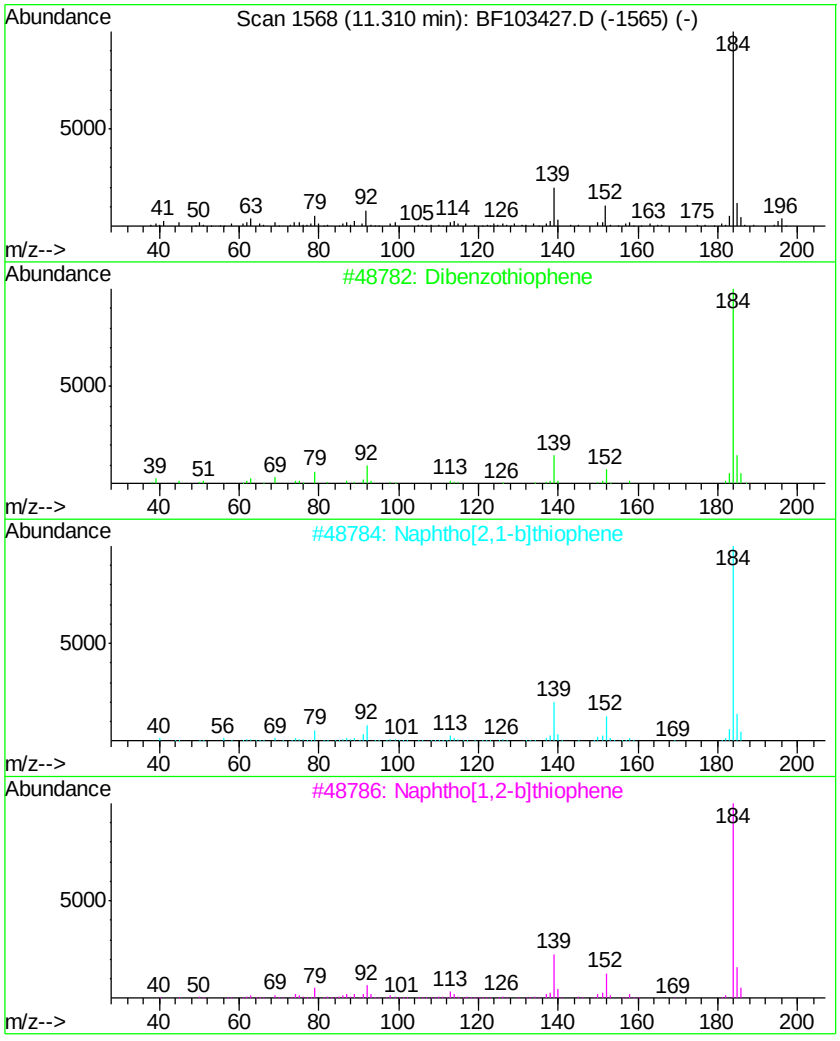
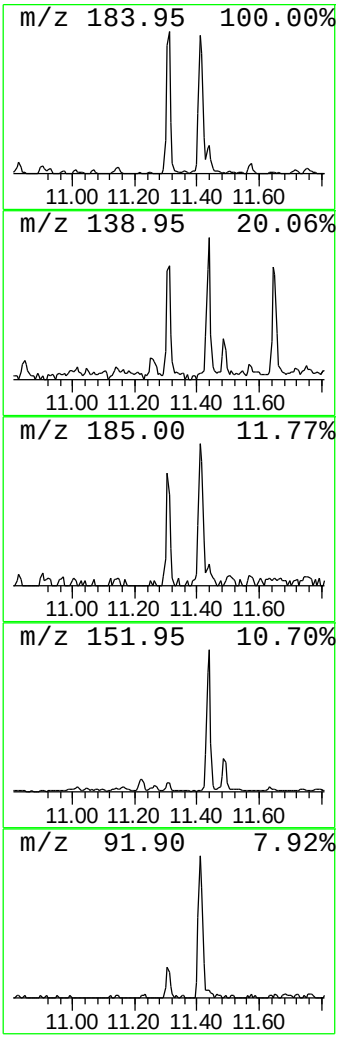
Peak Number 7 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	3.03 ng	121309	Phenanthrene-d10	11.41

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	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Acq On : 5 Mar 2018 23:35
Operator : SJ/JU
Sample : J1723-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-39

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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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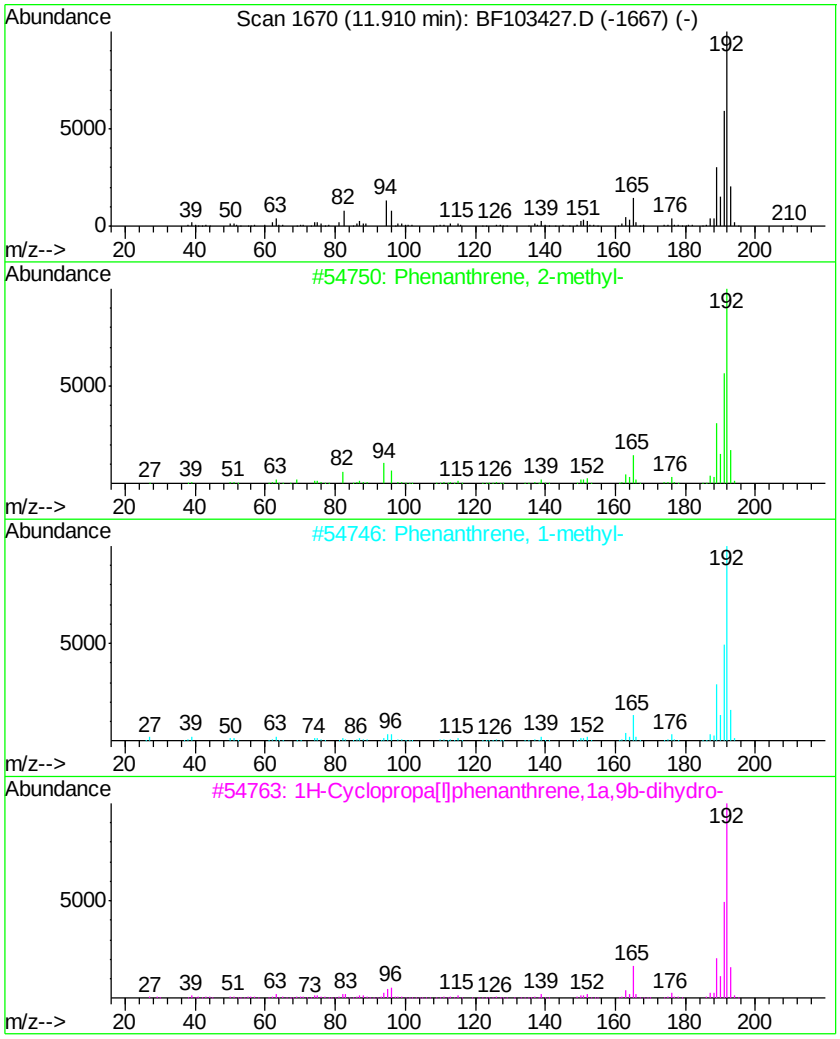
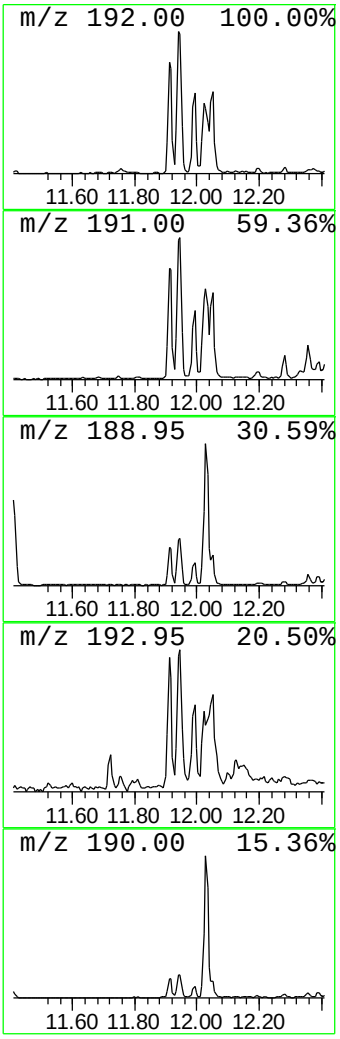
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.88 ng	235024	Phenanthrene-d10	11.41

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





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Instrument : BNA_F
ClientSampleId : SP-39

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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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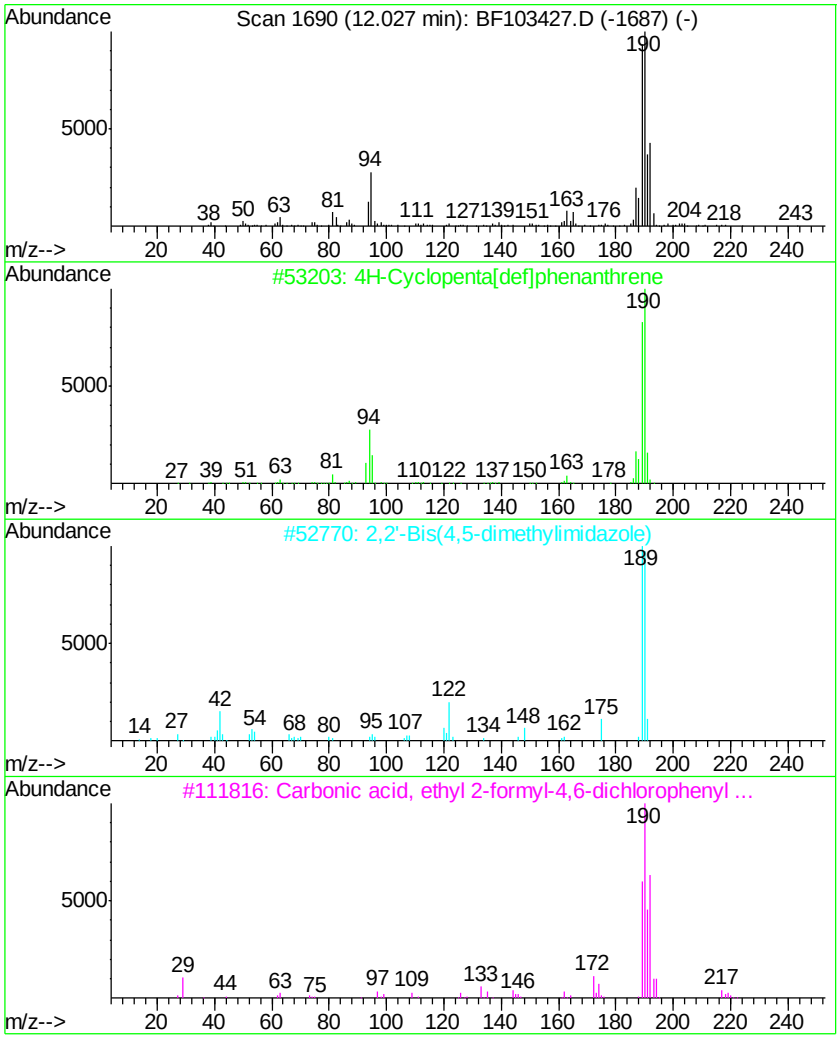
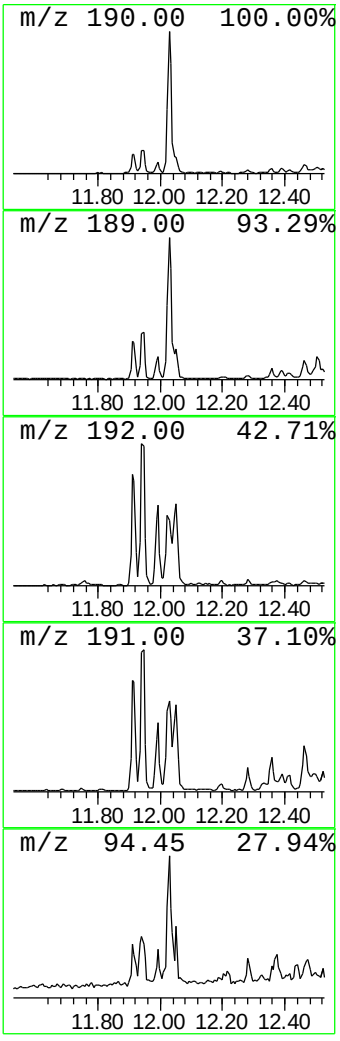
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	10.09 ng	403423	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	17
4	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	12
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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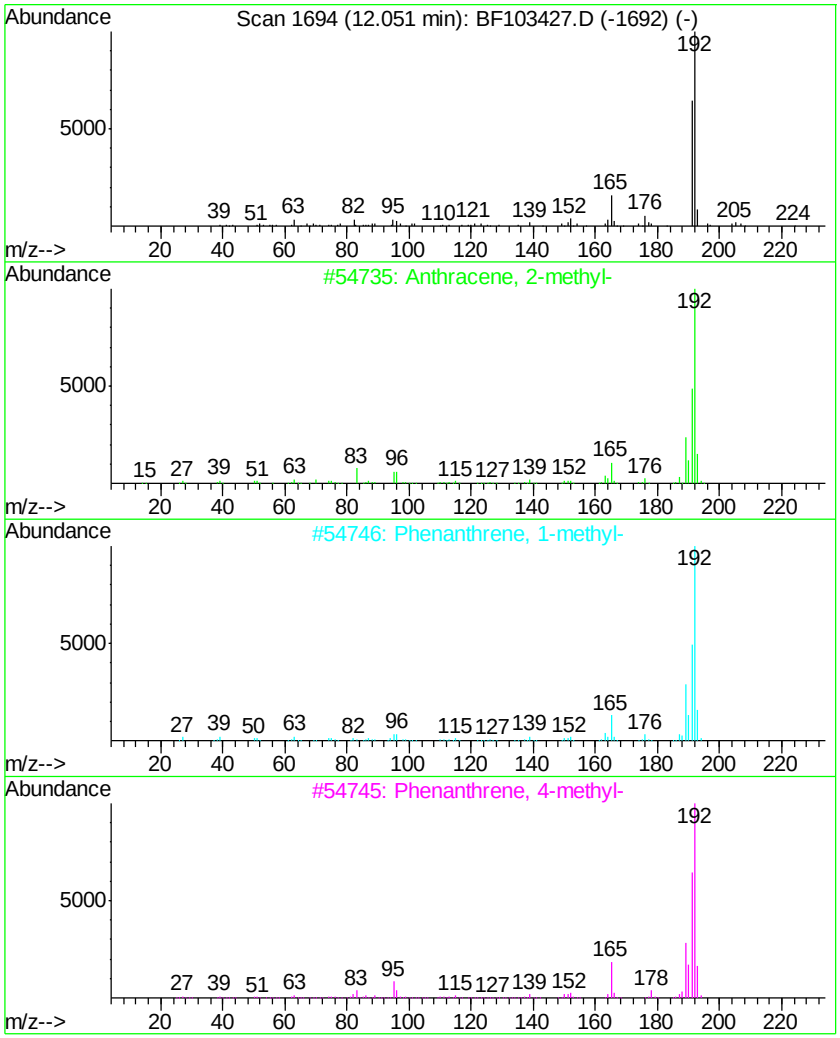
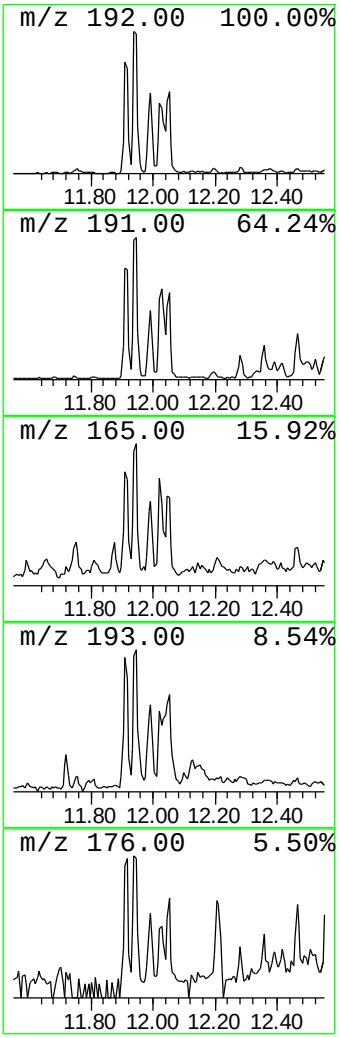
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.25 ng	129738	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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

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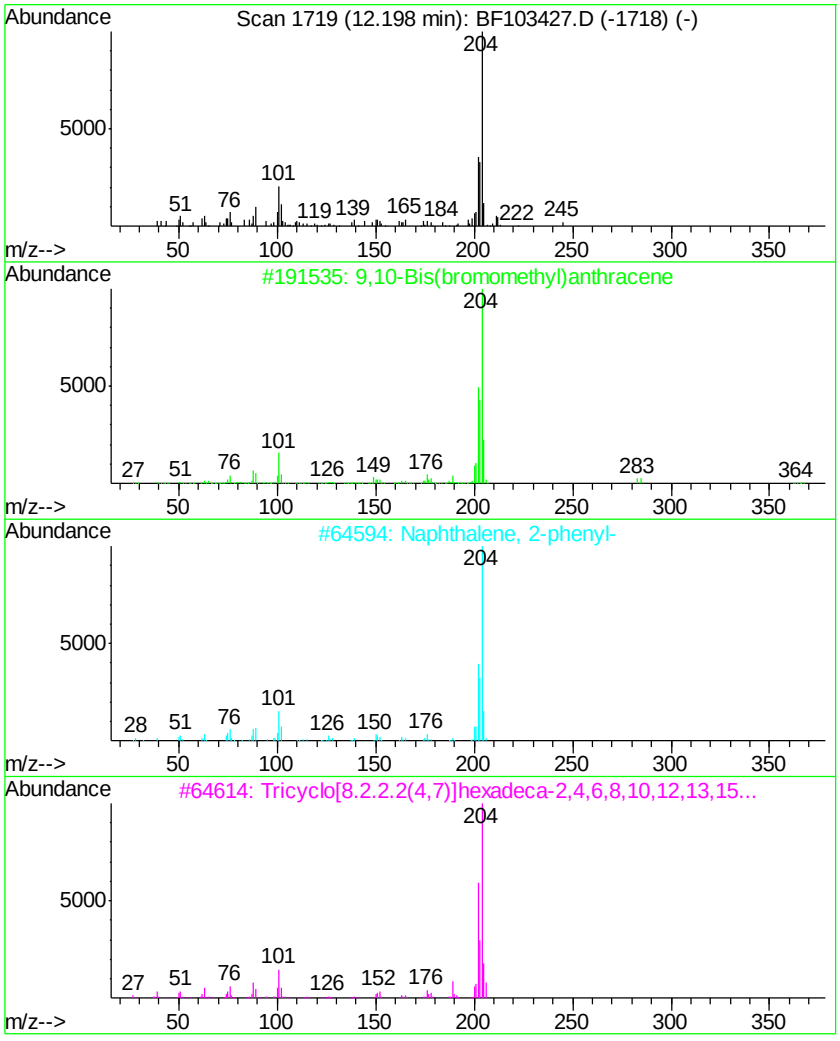
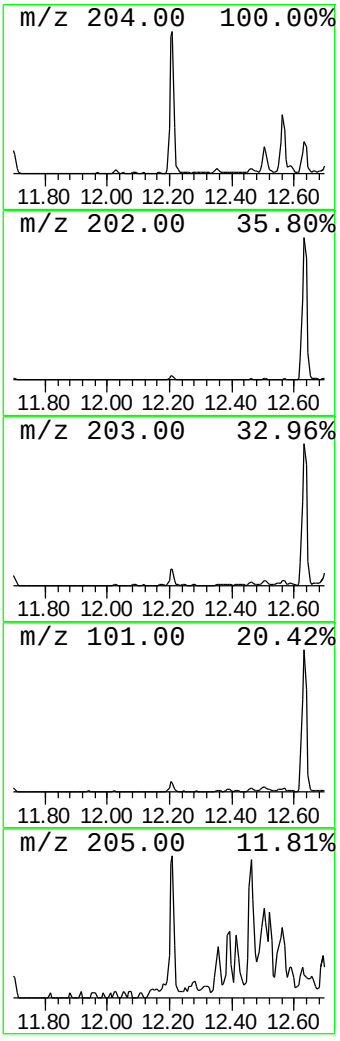
Peak Number 13 9,10-Bis(bromomethyl)anthra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.21 ng	168490	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	60





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

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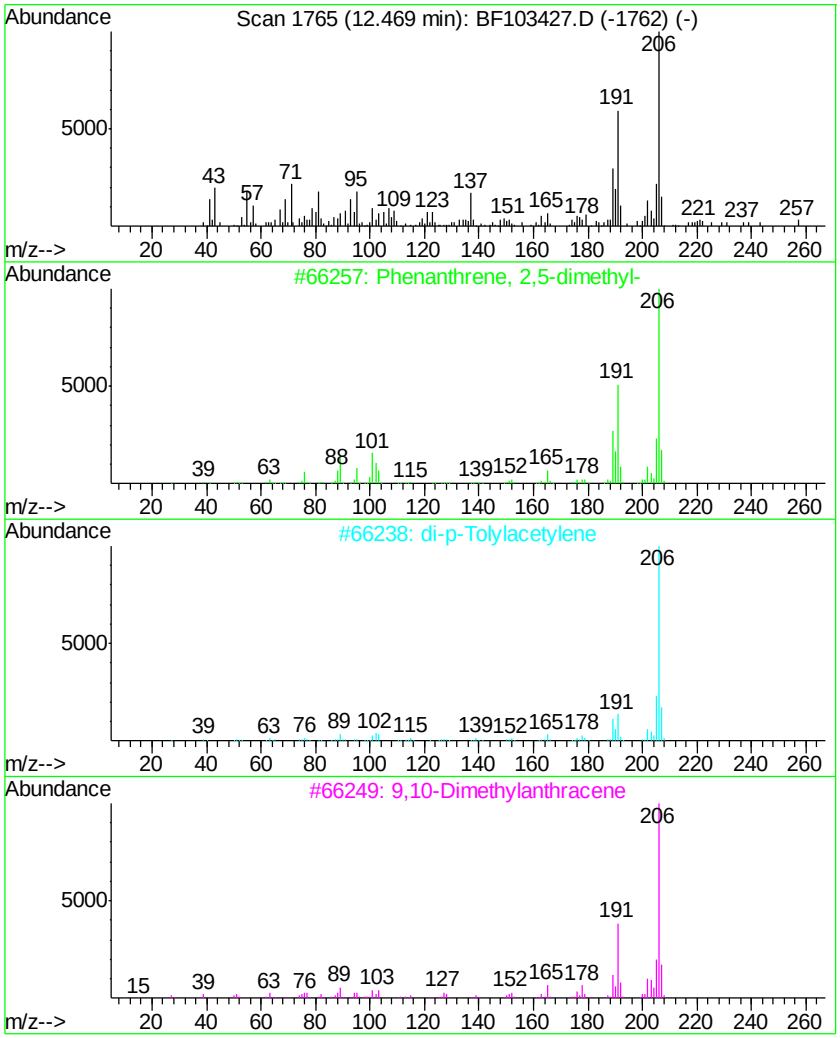
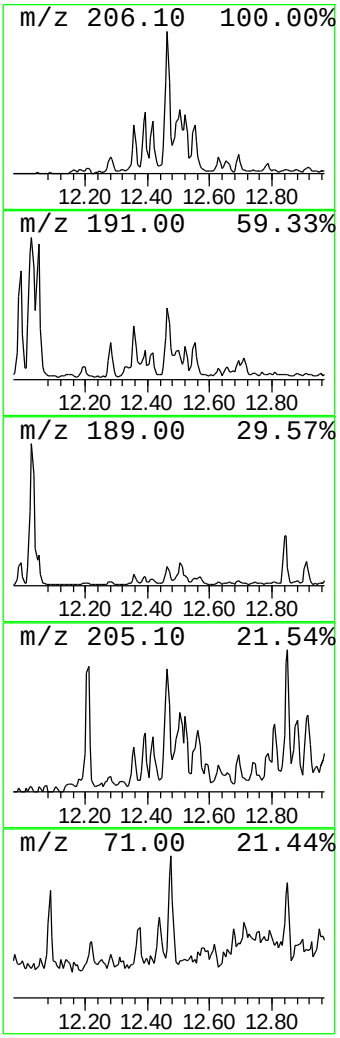
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.18 ng	167004	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Sample : J1723-17
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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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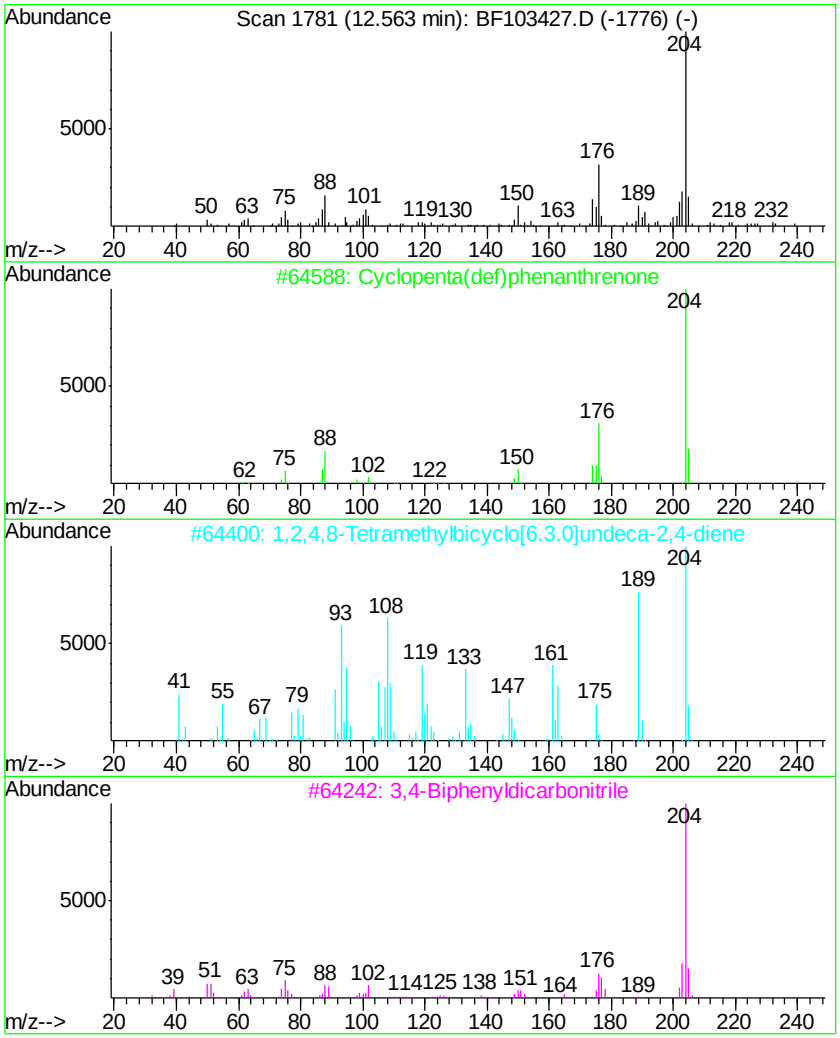
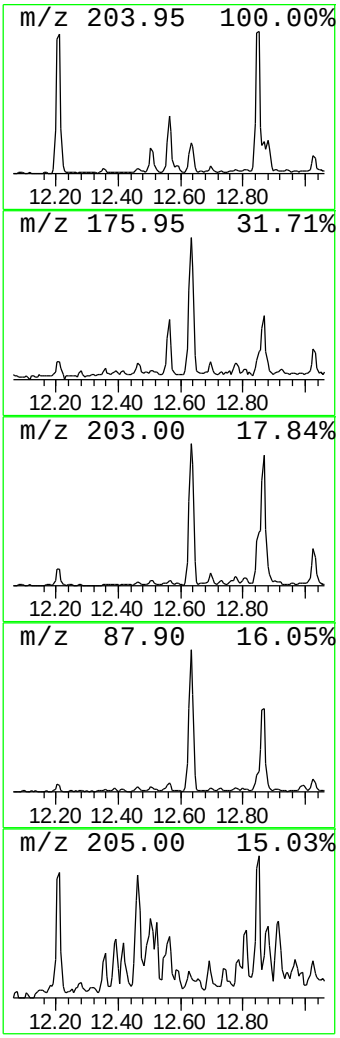
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.22 ng	168725	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	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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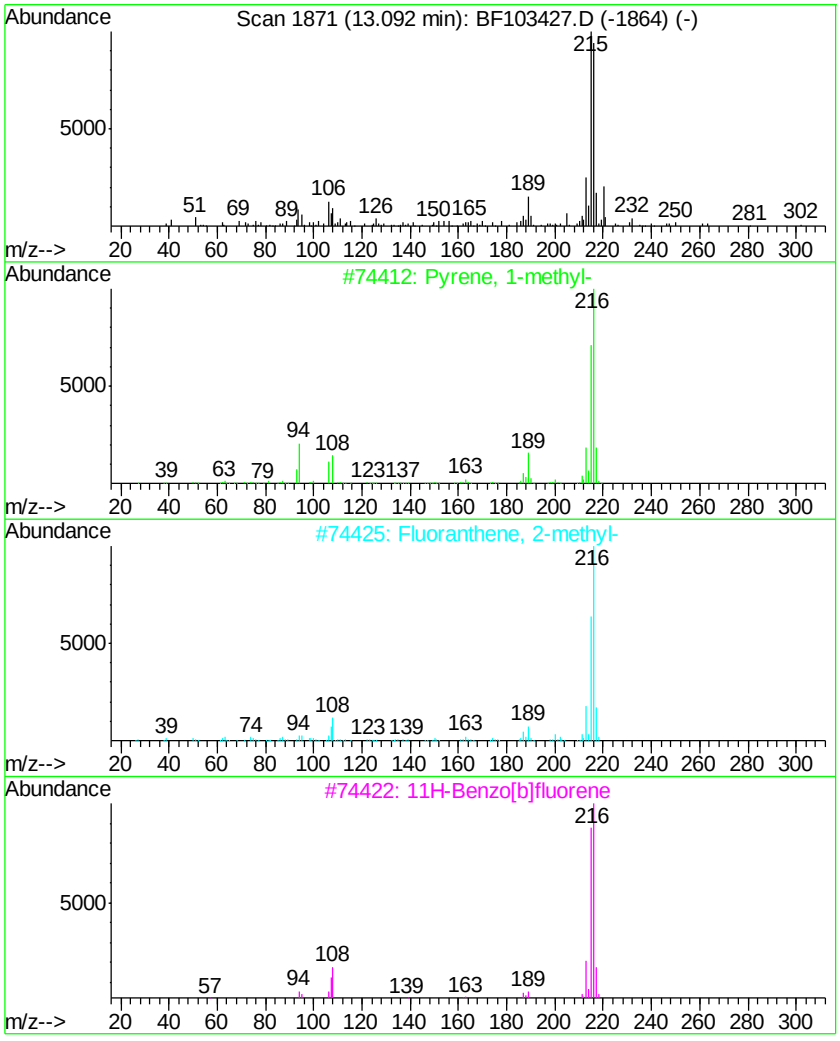
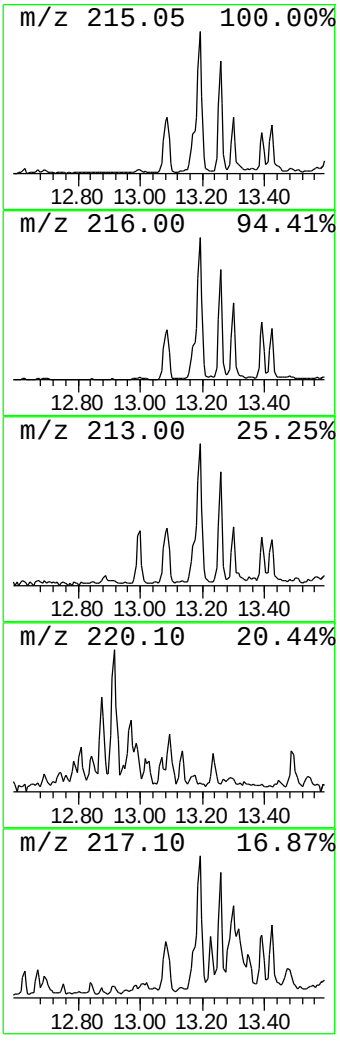
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.39 ng	221628	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Misc :
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Instrument : BNA_F
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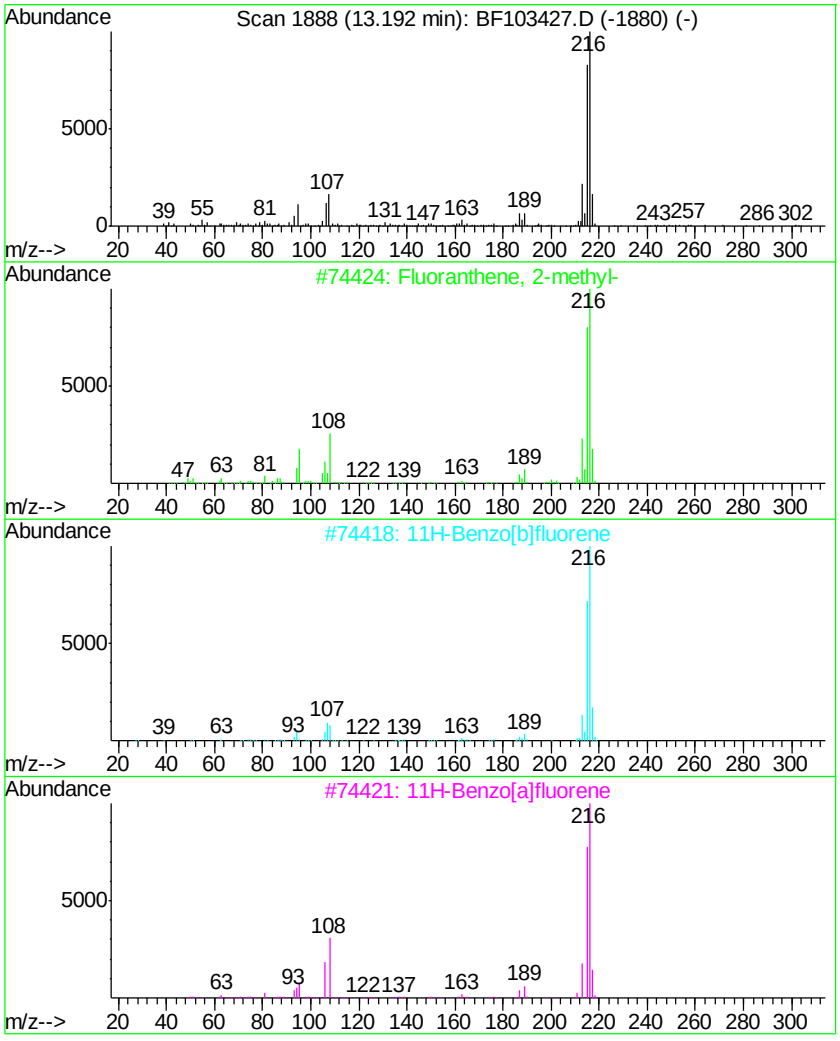
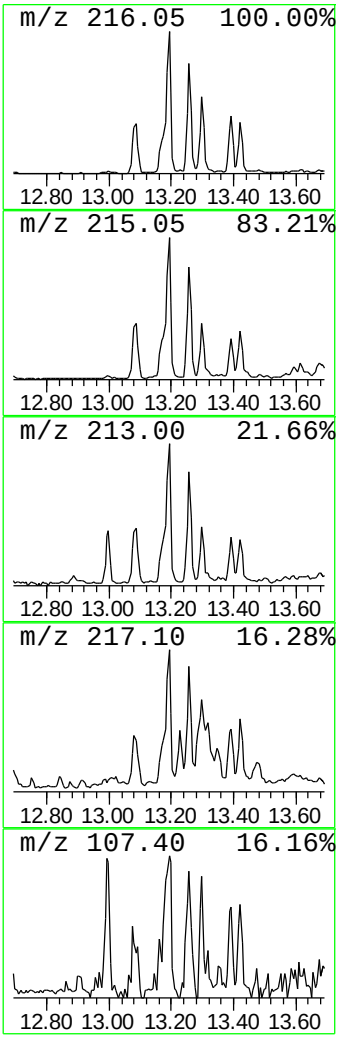
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	8.25 ng	538472	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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

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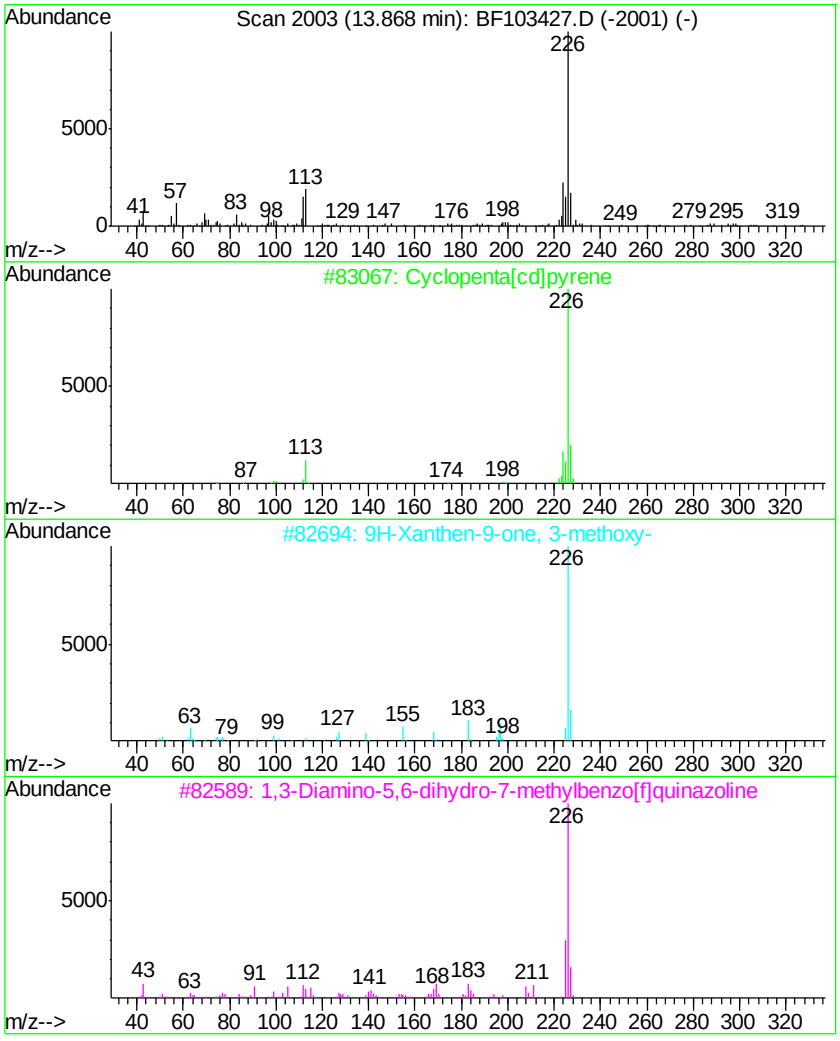
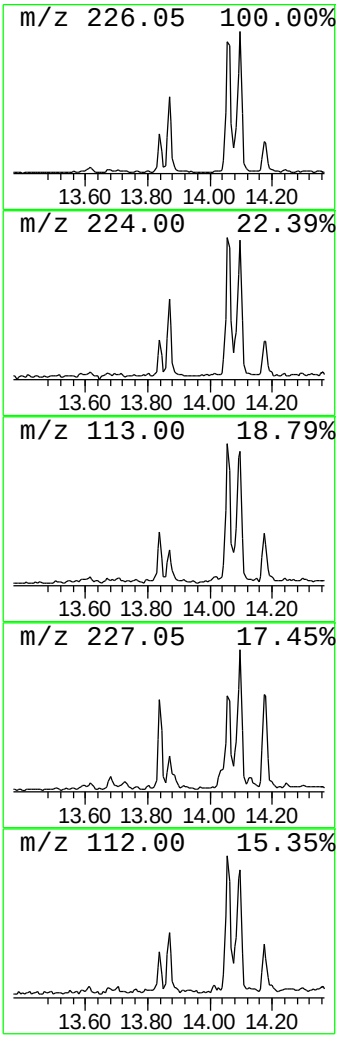
Peak Number 19 unknown13.87 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.66 ng	239030	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	40





Tentatively Identified Compound (LSC) summary

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ClientSampleId : SP-39

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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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Undecane	10.33	2.9	ng	135625	3	9.92	952083	20.0
Pentadecane	10.80	4.0	ng	157870	4	11.41	799498	20.0
9H-Fluorene, 1-me...	11.02	4.2	ng	167416	4	11.41	799498	20.0
unknown11.25	11.25	4.9	ng	195089	4	11.41	799498	20.0
Dibenzothiophene	11.31	3.0	ng	121309	4	11.41	799498	20.0
Phenanthrene, 2-m...	11.91	5.9	ng	235024	4	11.41	799498	20.0
4H-Cyclopenta[def...	12.03	10.1	ng	403423	4	11.41	799498	20.0
Anthracene, 2-met...	12.05	3.3	ng	129738	4	11.41	799498	20.0
9,10-Bis(bromomet...	12.20	4.2	ng	168490	4	11.41	799498	20.0
Phenanthrene, 2,5...	12.47	4.2	ng	167004	4	11.41	799498	20.0
Cyclopenta(def)ph...	12.56	4.2	ng	168725	4	11.41	799498	20.0
Pyrene, 1-methyl-	13.09	3.4	ng	221628	5	14.07	1306150	20.0
Fluoranthene, 2-m...	13.19	8.3	ng	538472	5	14.07	1306150	20.0
unknown13.87	13.87	3.7	ng	239030	5	14.07	1306150	20.0