LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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	5.093	508	511	528	rBV	209963	329622	11.35%	0.673%
2	5.493	576	579	607	rBV	1732497	2720335	93.70%	5.551%
3	6.504	748	751	770	rBV	1837450	2903145	100.00%	5.924%
4	6.640	770	774	790	rVB	2461671	2769901	95.41%	5.652%
5	6.863	809	812	820	rBV	778903	877748	30.23%	1.791%
6	7.022	835	839	855	rBV	1843566	2018404	69.52%	4.119%
7	7.434	905	909	933	rBV	1275516	1994611	68.71%	4.070%
8	8.151	1027	1031	1062	rVB2	825806	1489055	51.29%	3.038%
9	8.869	1149	1153	1157	rBV	104827	128217	4.42%	0.262%
10	8.963	1166	1169	1177	rVB	130234	140644	4.84%	0.287%
11	9.086	1187	1190	1199	rVB	158067	165531	5.70%	0.338%
12	9.222	1206	1213	1222	rBV	2209043	2526665	87.03%	5.156%
13	9.286	1222	1224	1228	rVV	48899	53907	1.86%	0.110%
14	9.422	1245	1247	1255	rVB	42466	63884	2.20%	0.130%
15	9.492	1255	1259	1263	rBV	58190	88318	3.04%	0.180%
16	9.563	1267	1271	1274	rBV	113119	134529	4.63%	0.275%
17	9.592	1274	1276	1283	rVB2	72479	81421	2.80%	0.166%
18	9.686	1287	1292	1293	rBV	59589	75225	2.59%	0.153%
19	9.769	1303	1306	1312	rVB2	62240	71765	2.47%	0.146%
20	9.904	1322	1329	1333	rBV	1019474	1149224	39.59%	2.345%
21	9.939	1333	1335	1342	rVV	575926	545738	18.80%	1.114%
22	10.010	1342	1347	1351	rVV4	43876	86305	2.97%	0.176%
23	10.063	1351	1356	1360	rVV2	72267	100117	3.45%	0.204%
24	10.116	1360	1365	1369	rVV2	194733	267104	9.20%	0.545%
25	10.145	1369	1370	1380	rVB3	69860	89233	3.07%	0.182%
26	10.222	1380	1383	1386	rBV	57307	63316	2.18%	0.129%
27	10.292	1392	1395	1396	rVV	71381	62095	2.14%	0.127%
28	10.316	1396	1399	1405	rVB	164171	181371	6.25%	0.370%
29	10.457	1417	1423	1429	rBV	339173	413488	14.24%	0.844%
30	10.522	1429	1434	1436	rVV	107234	163081	5.62%	0.333%
31	10.539	1436	1437	1440	rVV2	114825	100216	3.45%	0.204%
32	10.592	1444	1446	1447	rVV2	63028	54707	1.88%	0.112%
33	10.616	1447	1450	1454	rVB	125603	129536	4.46%	0.264%
34	10.704	1461	1465	1471	rBV2	951458	1206027	41.54%	2.461%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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	10.792	1477	1480	1487	rVB3	81551	116572	4.02%	0.238%
36	10.898	1494	1498	1500	rBV	47092	52931	1.82%	0.108%
37	11.010	1509	1517	1519	rBV2	110242	181166	6.24%	0.370%
38	11.033	1519	1521	1524	rVV2	72271	81085	2.79%	0.165%
39	11.086	1528	1530	1533	rVB2	54306	53622	1.85%	0.109%
40	11.133	1533	1538	1540	rBV2	86864	132676	4.57%	0.271%
41	11.157	1540	1542	1547	rVV2	76693	98030	3.38%	0.200%
42	11.216	1550	1552	1554	rVV	60863	56891	1.96%	0.116%
43	11.239	1554	1556	1563	rVB3	114627	202795	6.99%	0.414%
44	11.298	1563	1566	1570	rBV	134125	133675	4.60%	0.273%
45	11.404	1580	1584	1586	rBV	836548	909381	31.32%	1.856%
46	11.427	1586	1588	1593	rVV	2197040	2102045	72.41%	4.289%
47	11.480	1594	1597	1604	rVV	637993	723257	24.91%	1.476%
48	11.545	1605	1608	1616	rVB	267023	244397	8.42%	0.499%
49	11.645	1620	1625	1627	rBV2	206380	250114	8.62%	0.510%
50	11.669	1627	1629	1631	rVV2	92965	85294	2.94%	0.174%
51	11.904	1666	1669	1672	rBV	277073	279292	9.62%	0.570%
52	11.945	1672	1676	1680	rVB2	1319936	1282791	44.19%	2.618%
53	11.986	1680	1683	1685	rVB	155806	147641	5.09%	0.301%
54	12.022	1685	1689	1691	rBV	413716	490043	16.88%	1.000%
55	12.169	1711	1714	1717	rVB4	93395	91299	3.14%	0.186%
56	12.198	1717	1719	1725	rVB	172416	162709	5.60%	0.332%
57	12.245	1725	1727	1730	rBV	107908	93704	3.23%	0.191%
58	12.333	1739	1742	1743	rBV	120426	93647	3.23%	0.191%
59	12.457	1759	1763	1767	rBV2	177823	236942	8.16%	0.483%
60	12.498	1767	1770	1771	rVV2	89667	93474	3.22%	0.191%
61	12.557	1775	1780	1787	rVB2	125121	199523	6.87%	0.407%
62	12.627	1787	1792	1799	rBV	2086296	2206666	76.01%	4.503%
63	12.686	1799	1802	1807	rVB4	60114	93354	3.22%	0.190%
64	12.774	1813	1817	1820	rBV3	127424	163559	5.63%	0.334%
65	12.839	1824	1828	1829	rBV2	527895	566457	19.51%	1.156%
66	12.857	1829	1831	1836	rVV	1793986	1744322	60.08%	3.559%
67	12.904	1836	1839	1844	rVB	159001	193006	6.65%	0.394%
68	12.951	1844	1847	1849	rBV2	53175	68675	2.37%	0.140%
69	12.986	1849	1853	1858	rBV	1472489	1458517	50.24%	2.976%
70	13.074	1863	1868	1873	rBV4	148121	309257	10.65%	0.631%
71	13.121	1873	1876	1879	rVV	187515	173653	5.98%	0.354%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

72	13.186	1880	1887	1891	rVB2	302180	498232	17.16%	1.017%
73	13.251	1895	1898	1900	rVV	184468	180749	6.23%	0.369%
74	13.292	1902	1905	1908	rVV2	215903	275095	9.48%	0.561%
75	13.339	1911	1913	1917	rVB3	58860	64867	2.23%	0.132%
76	13.380	1917	1920	1923	rBV2	148996	183733	6.33%	0.375%
77	13.416	1923	1926	1929	rVV	150045	156471	5.39%	0.319%
78	13.451	1930	1932	1934	rVV	107069	80269	2.76%	0.164%
79	13.480	1934	1937	1944	rVB3	126553	163736	5.64%	0.334%
80	13.704	1972	1975	1981	rVB	136937	159191	5.48%	0.325%
81	13.810	1991	1993	1995	rBV	120259	125184	4.31%	0.255%
82	13.833	1995	1997	1999	rVV	170470	154451	5.32%	0.315%
83	13.863	1999	2002	2008	rVV2	254720	381119	13.13%	0.778%
84	13.916	2008	2011	2016	rVB	161719	181191	6.24%	0.370%
85	14.057	2029	2035	2038	rBV2	1099393	1835895	63.24%	3.746%
86	14.086	2038	2040	2047	rVV	933471	952851	32.82%	1.944%
87	14.168	2051	2054	2059	rBV2	208542	248419	8.56%	0.507%
88	14.451	2099	2102	2106	rVV	182056	196981	6.79%	0.402%
89	14.486	2106	2108	2112	rVB2	109205	103520	3.57%	0.211%
90	14.551	2117	2119	2122	rBV4	65754	56519	1.95%	0.115%
91	14.580	2122	2124	2126	rBV	95264	84742	2.92%	0.173%
92	14.798	2156	2161	2166	rBV4	108184	211346	7.28%	0.431%
93	15.127	2213	2217	2228	rBV	610645	1294783	44.60%	2.642%
94	15.239	2233	2236	2243	rVB	125209	151618	5.22%	0.309%
95	15.439	2266	2270	2277	rVV	343781	453360	15.62%	0.925%
96	15.510	2278	2282	2288	rVV	494674	715058	24.63%	1.459%
97	15.568	2288	2292	2296	rVV	337780	497856	17.15%	1.016%
98	15.604	2296	2298	2304	rVB	147442	201556	6.94%	0.411%
99	17.115	2551	2555	2564	rVB	156582	314814	10.84%	0.642%
100	17.592	2631	2636	2643	rVB	120581	267274	9.21%	0.545%

Sum of corrected areas: 49007827

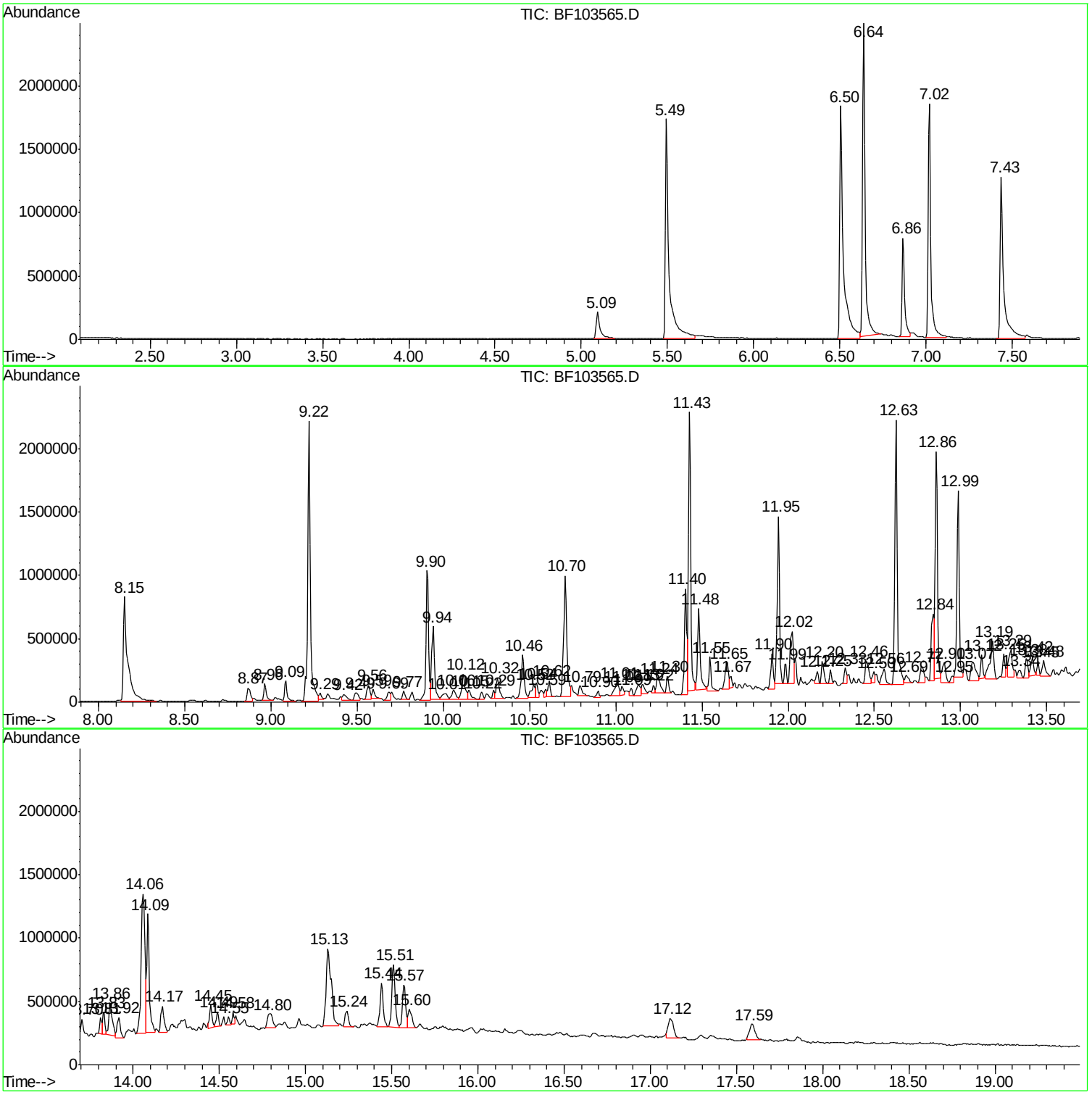
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

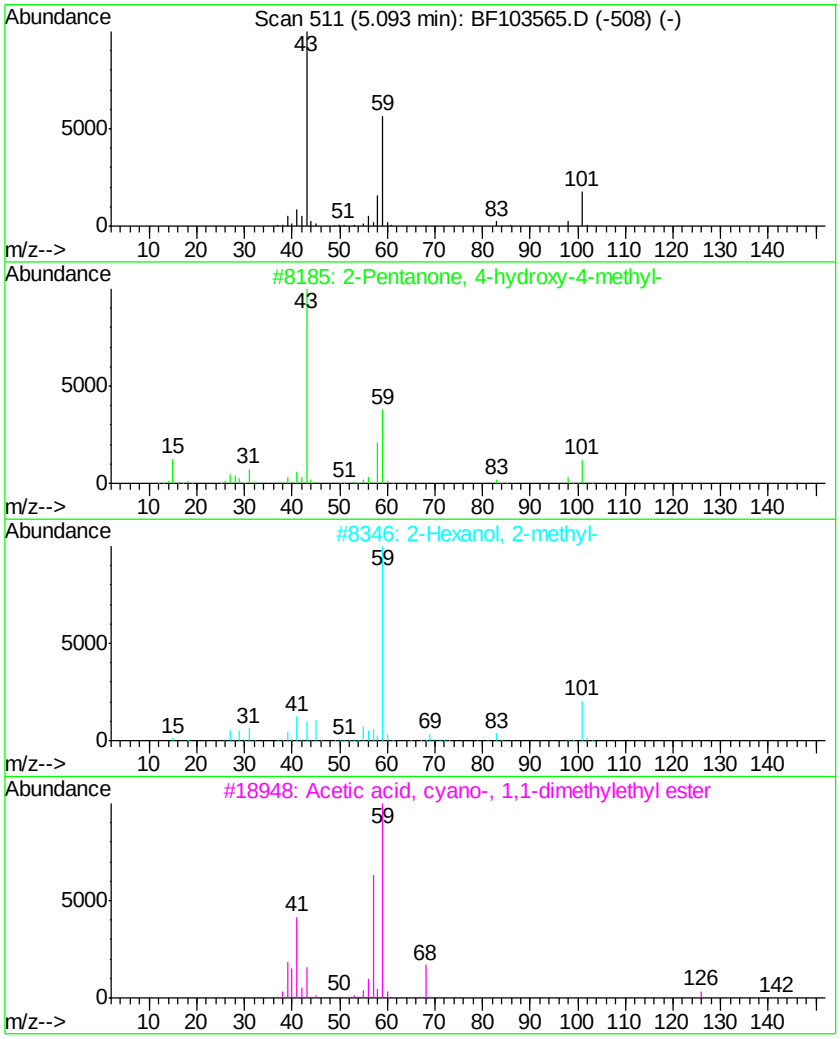
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

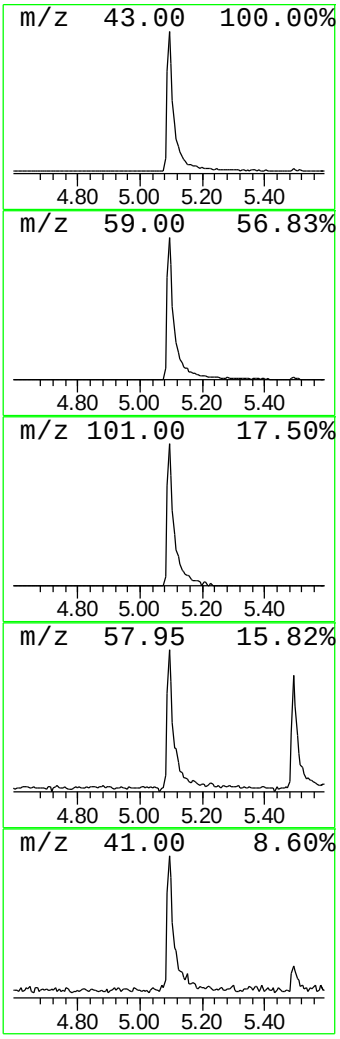
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	7.51 ng	329622	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Acetone	58	C3H6O	000067-64-1	12





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

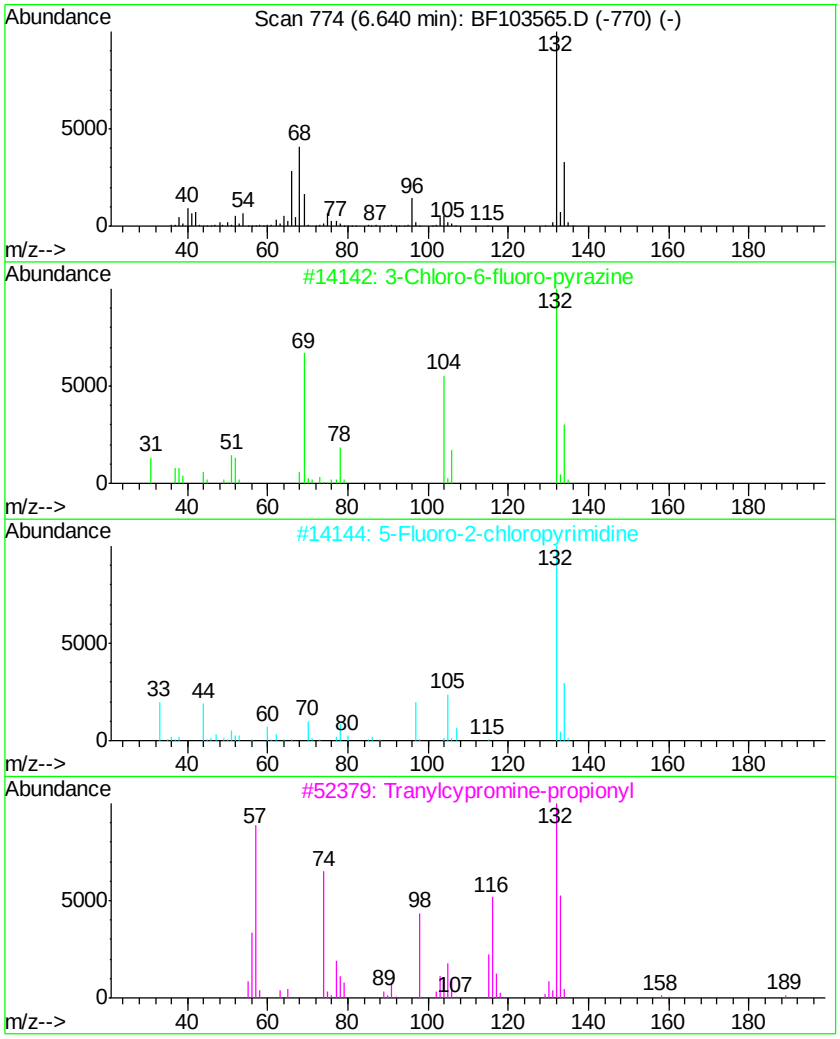
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

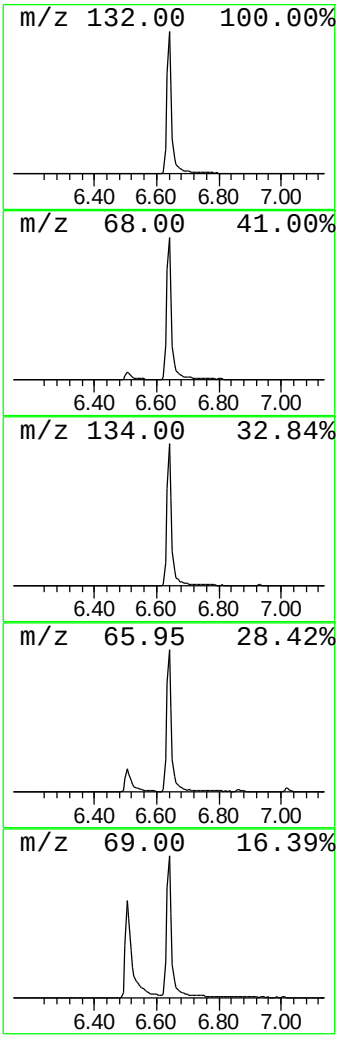
****

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	63.11 ng	2769900	1,4-Dichlorobenzene-d4	6.86

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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

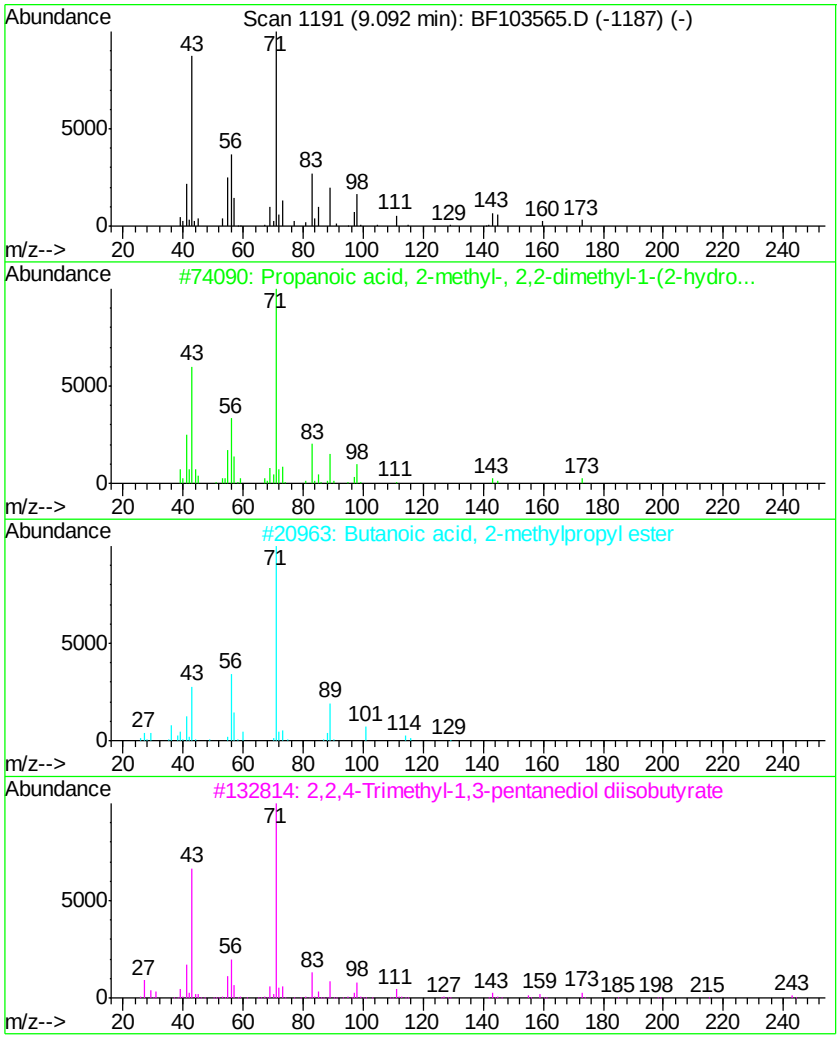
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

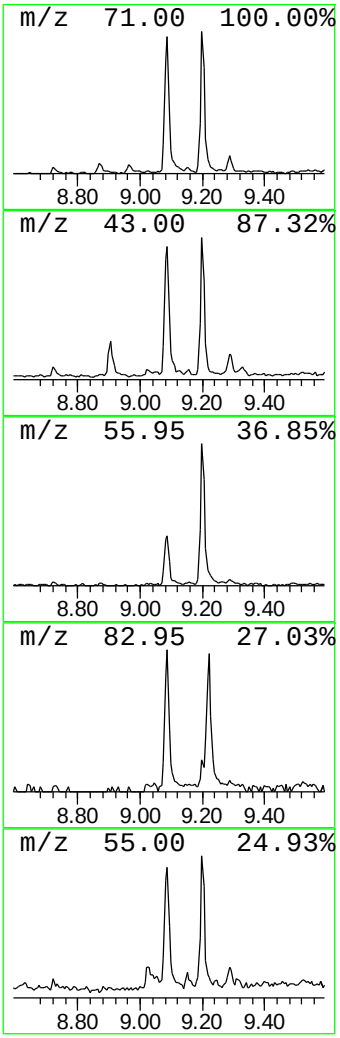
****

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.88 ng	165531	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	83
2	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	53
4	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	38
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

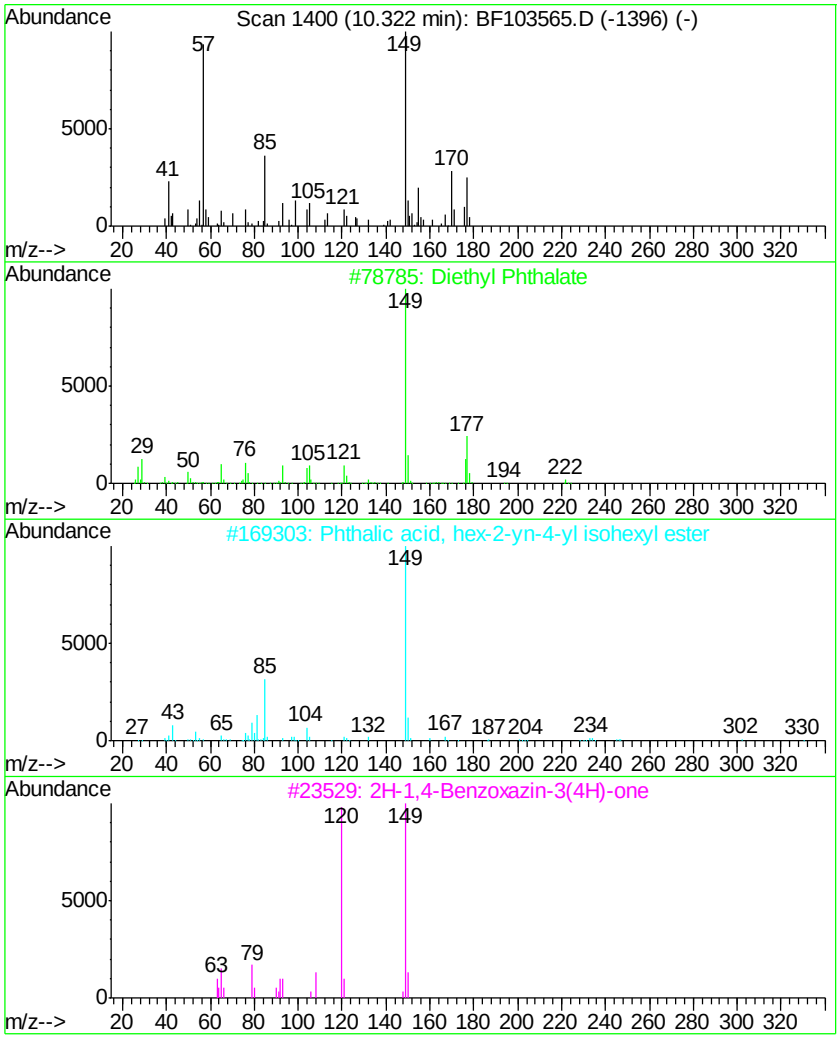
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

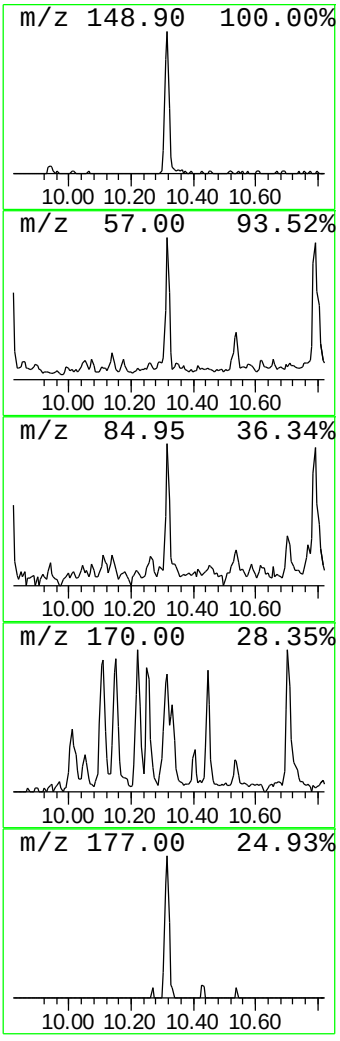
****

Peak Number 5 Diethyl Phthalate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.16 ng	181371	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl Phthalate	222	C12H14O4	000084-66-2	60
2	Phthalic acid, hex-2-yn-4-yl iso...	330	C20H26O4	1000315-20-0	38
3	2H-1,4-Benzoxazin-3(4H)-one	149	C8H7NO2	005466-88-6	35
4	2-((Pent-4-enyloxy)carbonyl)benz...	234	C13H14O4	1000373-67-8	35
5	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	35





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

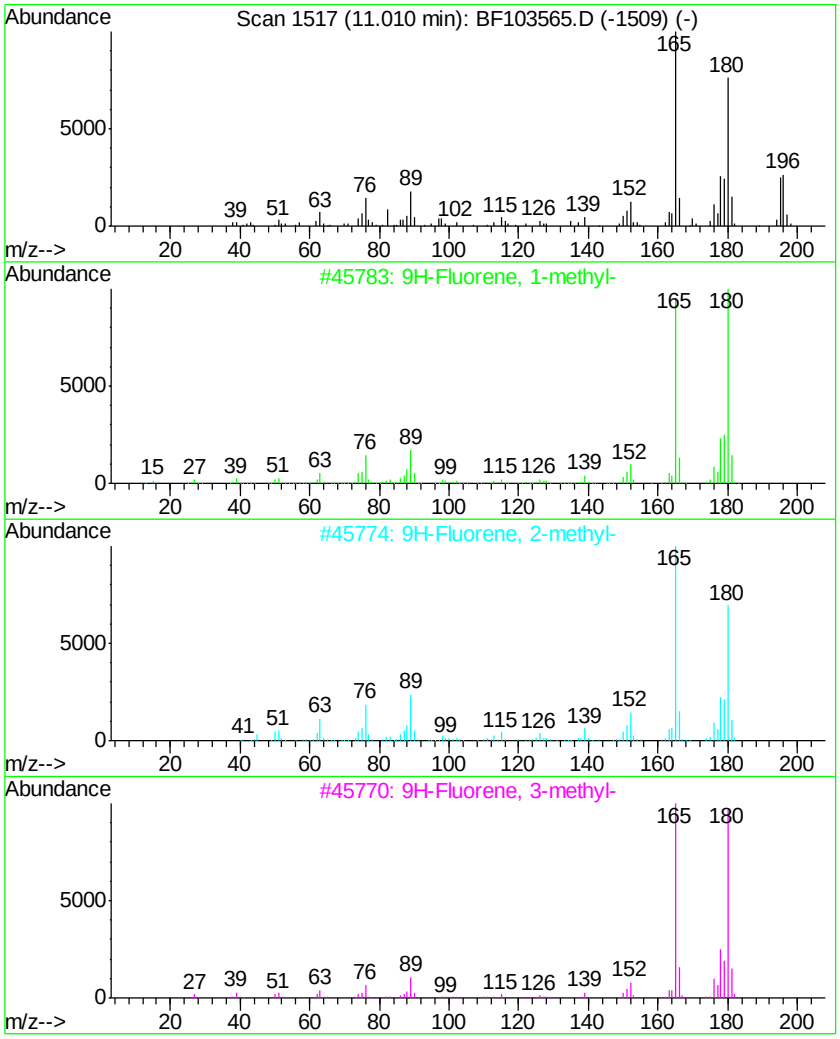
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

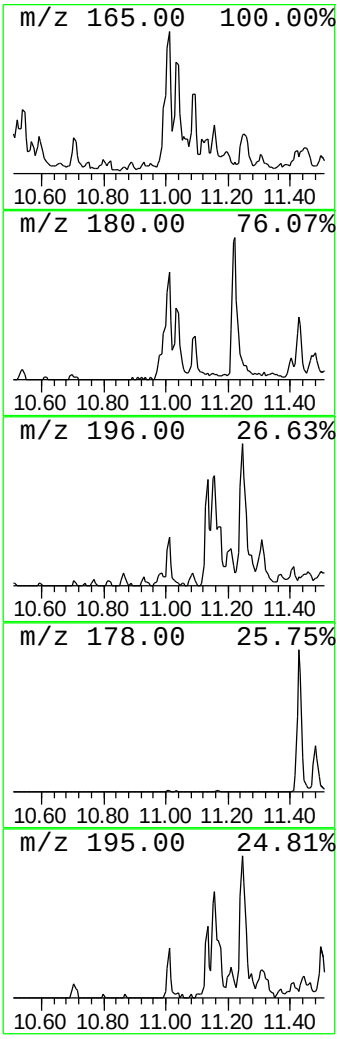
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.98 ng	181166	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	87





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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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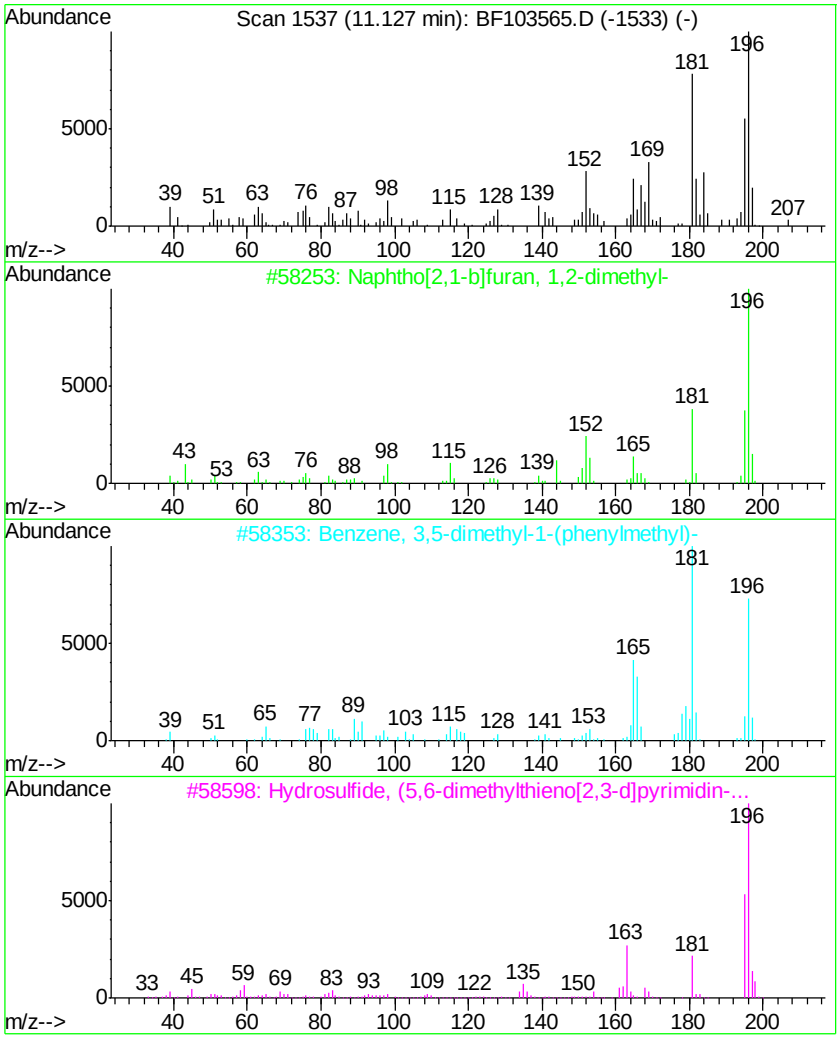
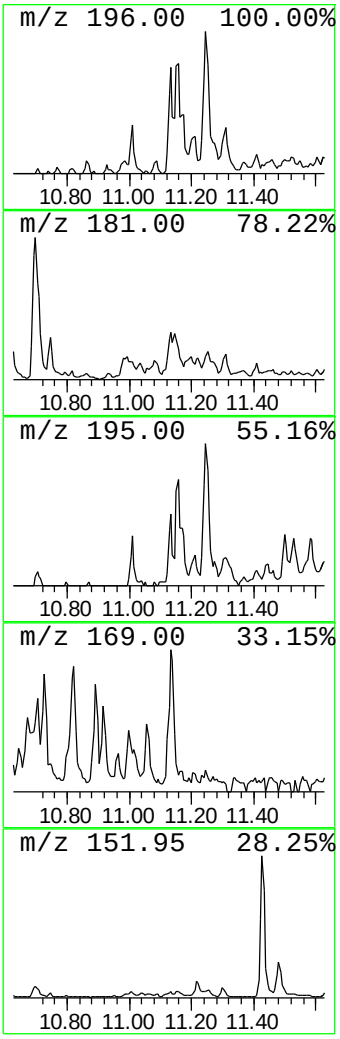
Peak Number 7 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.92 ng	132676	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	46
3	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	46
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	46
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43





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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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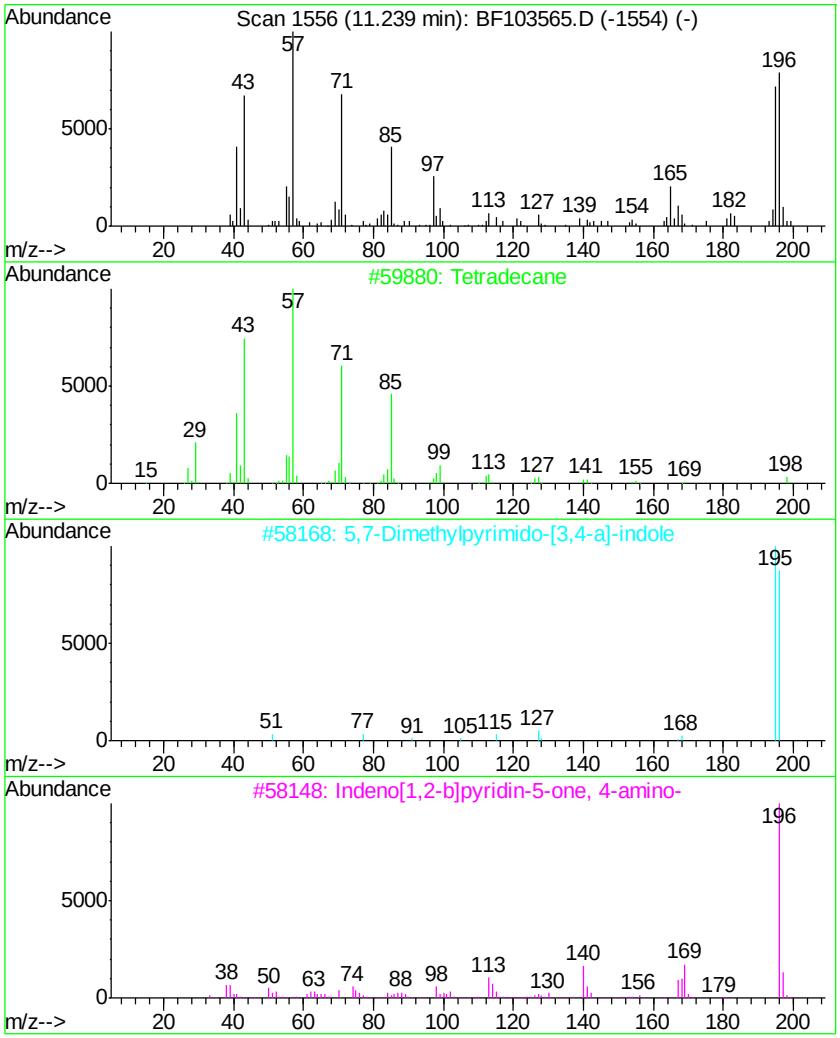
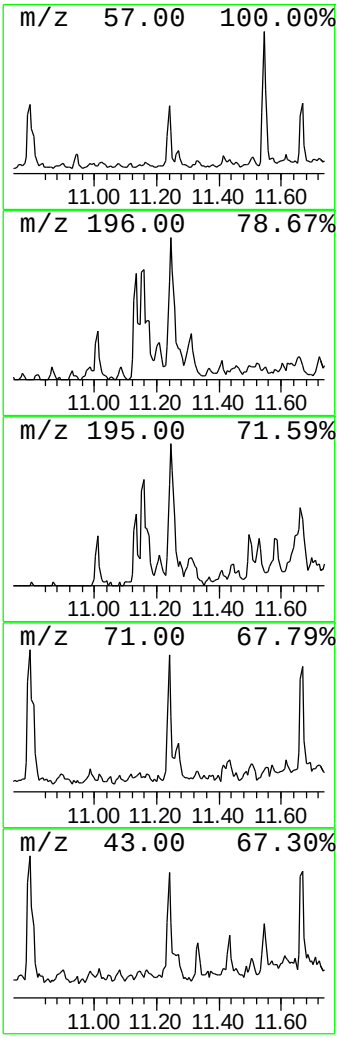
Peak Number 8 unknown11.24 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	4.46 ng	202795	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	48
2	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	30
3	Indeno[1,2-b]pyridin-5-one, 4-am...	196	C12H8N2O	1000316-66-4	30
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	27
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25





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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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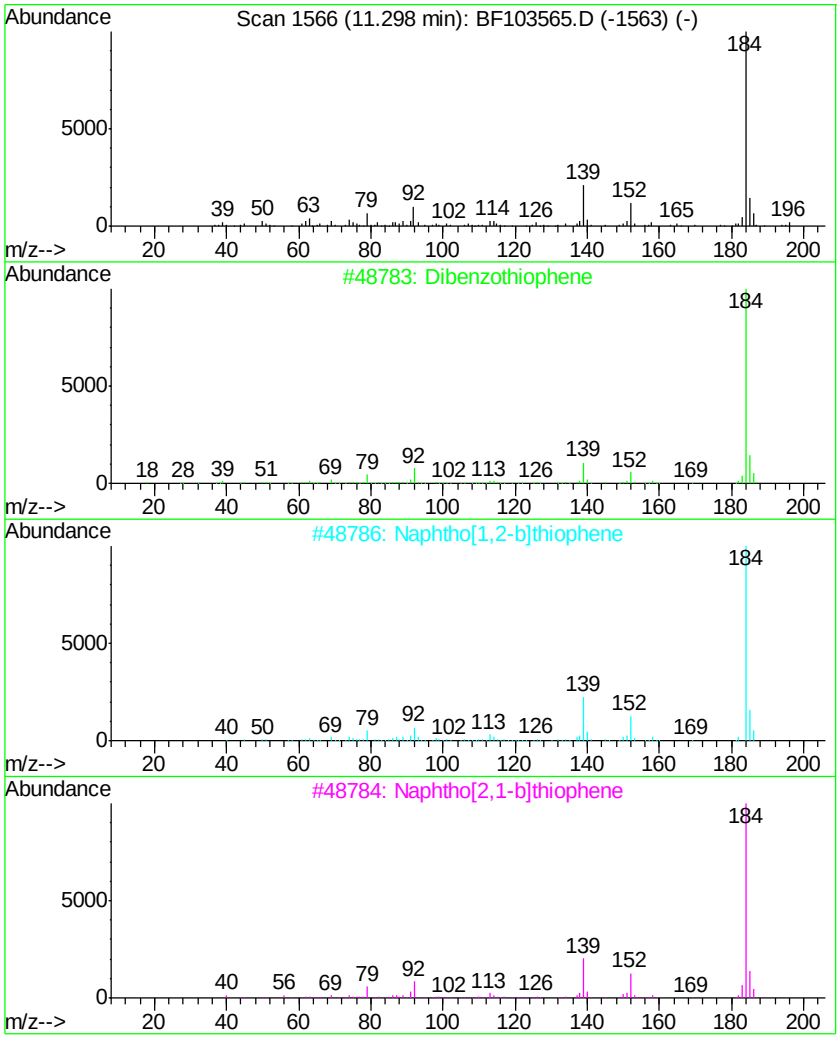
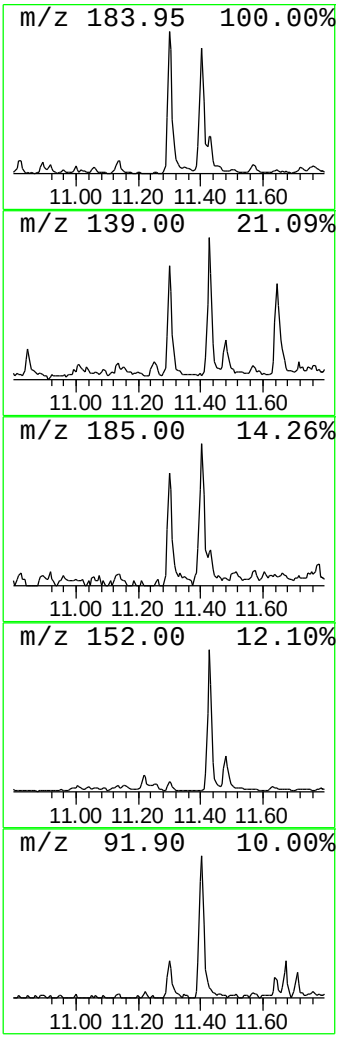
Peak Number 9 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.94 ng	133675	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





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ClientSampleId : SB-05-6.5-10.5

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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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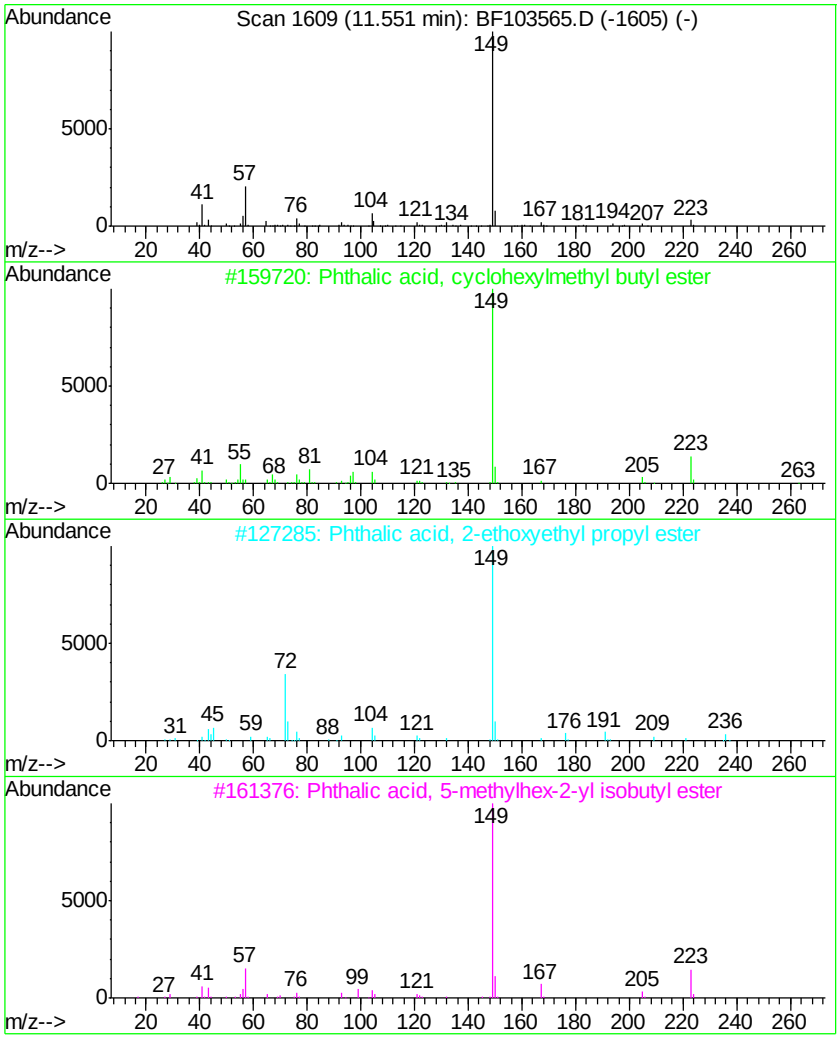
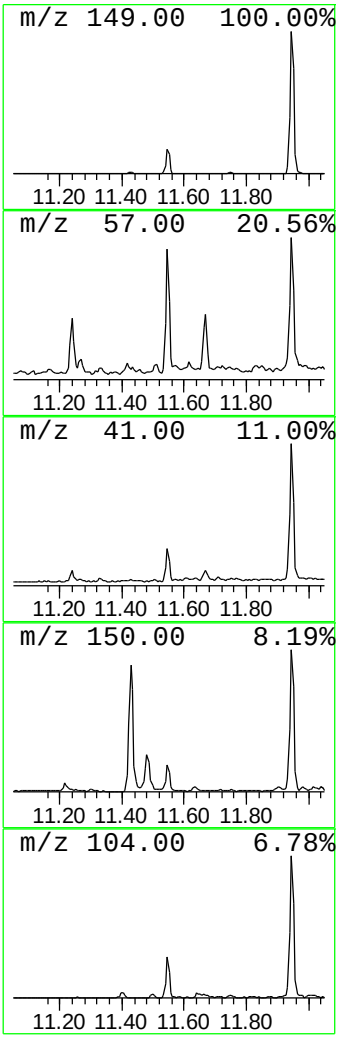
Peak Number 10 Phthalic acid, cyclohexylme... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.38 ng	244397	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, cyclohexylmethyl ...	318	C19H26O4	1000309-08-6	78
2	Phthalic acid, 2-ethoxyethyl pro...	280	C15H20O5	1000322-87-0	78
3	Phthalic acid, 5-methylhex-2-yl ...	320	C19H28O4	1000371-09-1	78
4	Phthalic acid, hexadecyl propyl ...	432	C27H44O4	1000309-06-5	78
5	Phthalic acid, hexyl propyl ester	292	C17H24O4	1000309-00-3	78





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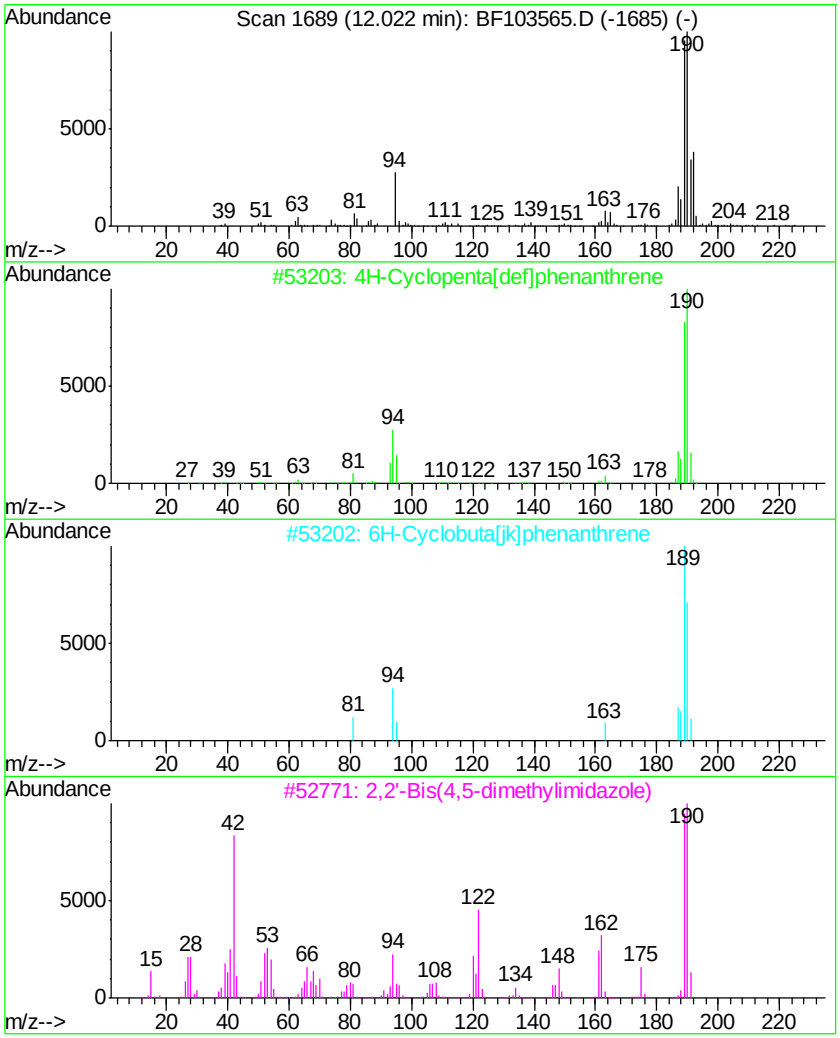
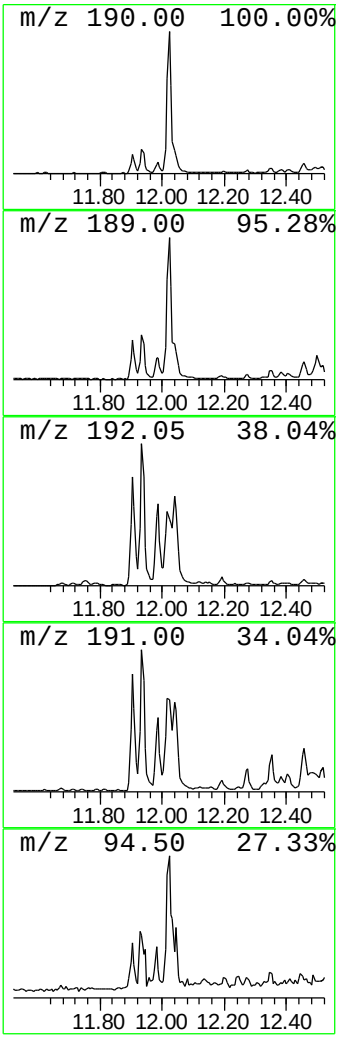
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	10.78 ng	490043	Phenanthrene-d10	11.40

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	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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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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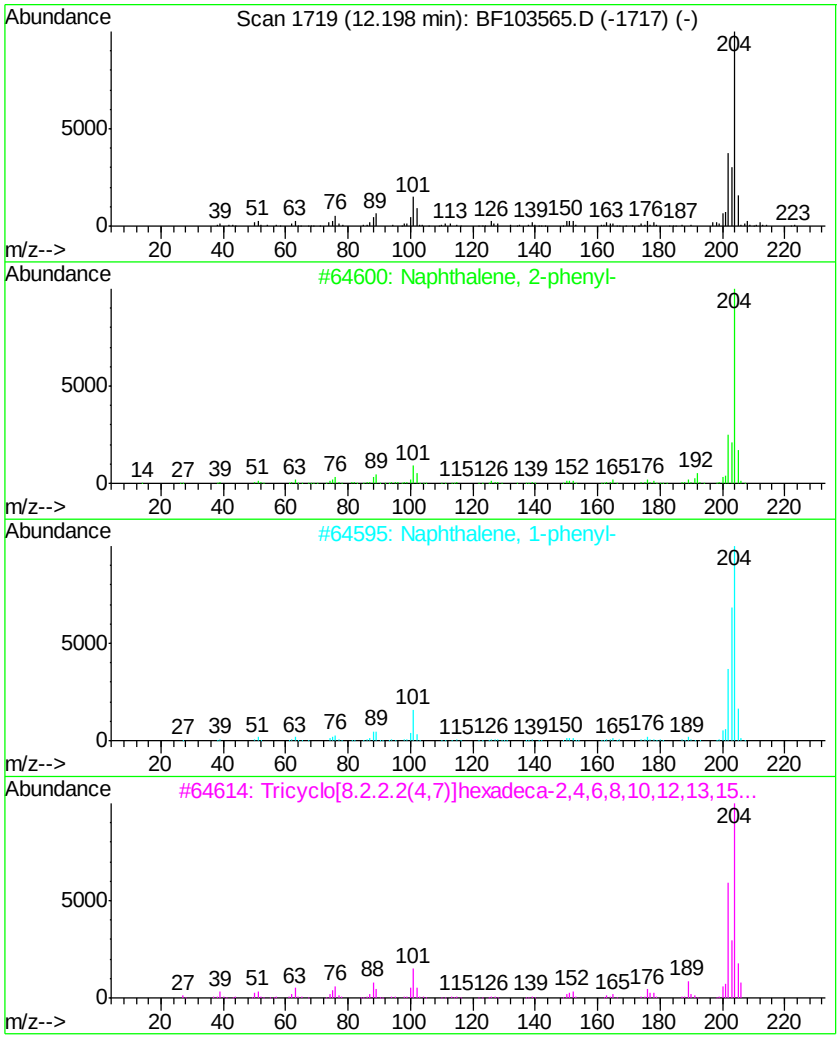
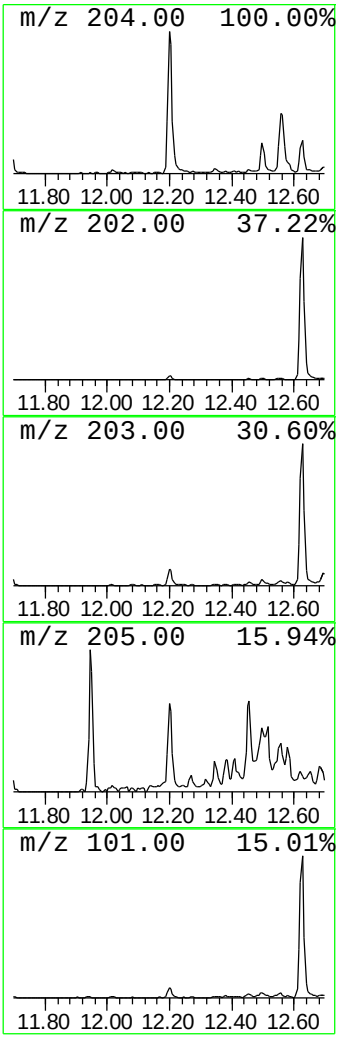
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.58 ng	162709	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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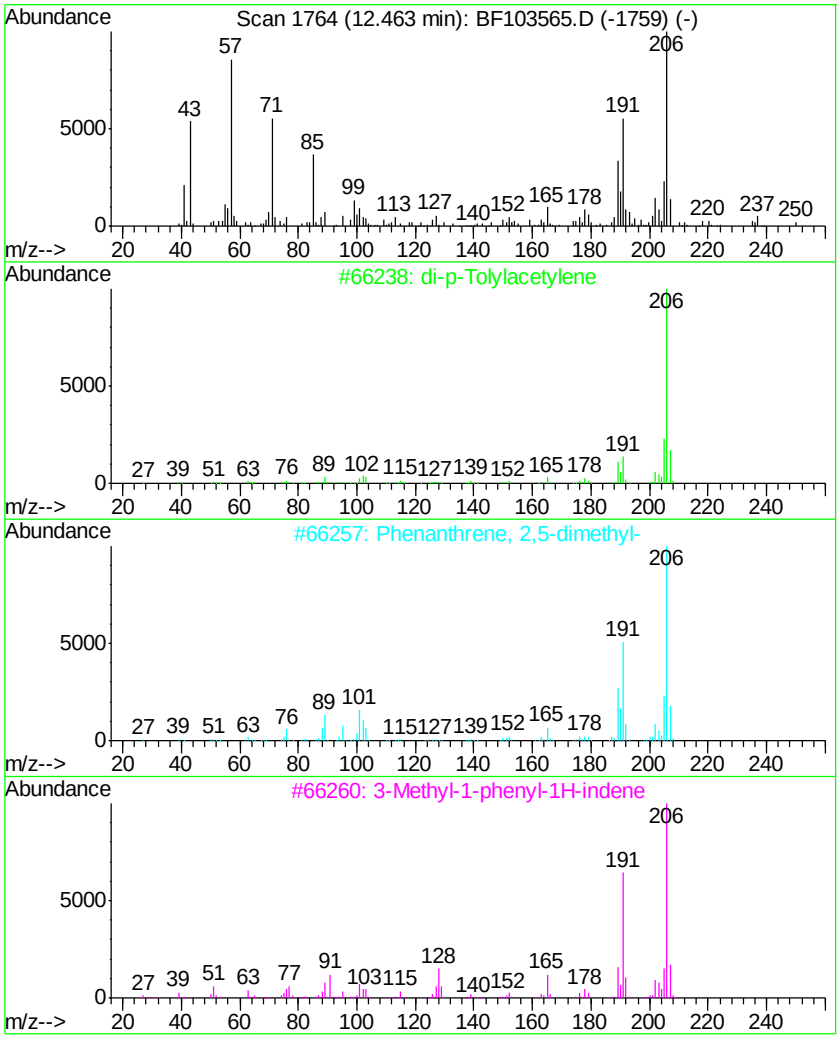
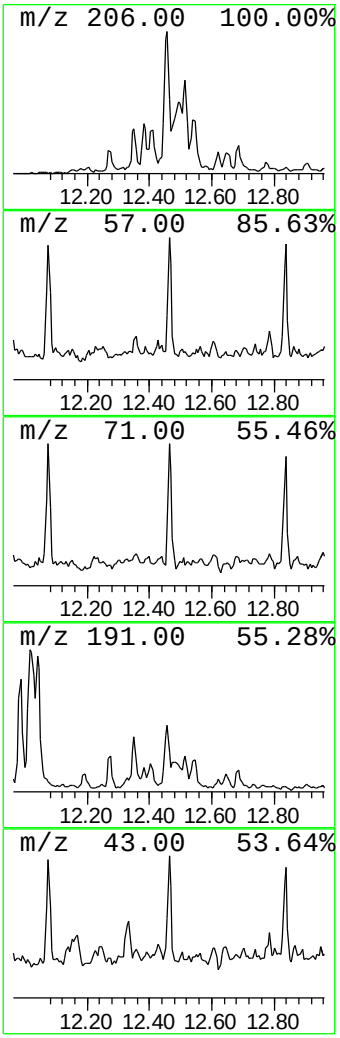
Peak Number 13 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.21 ng	236942	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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

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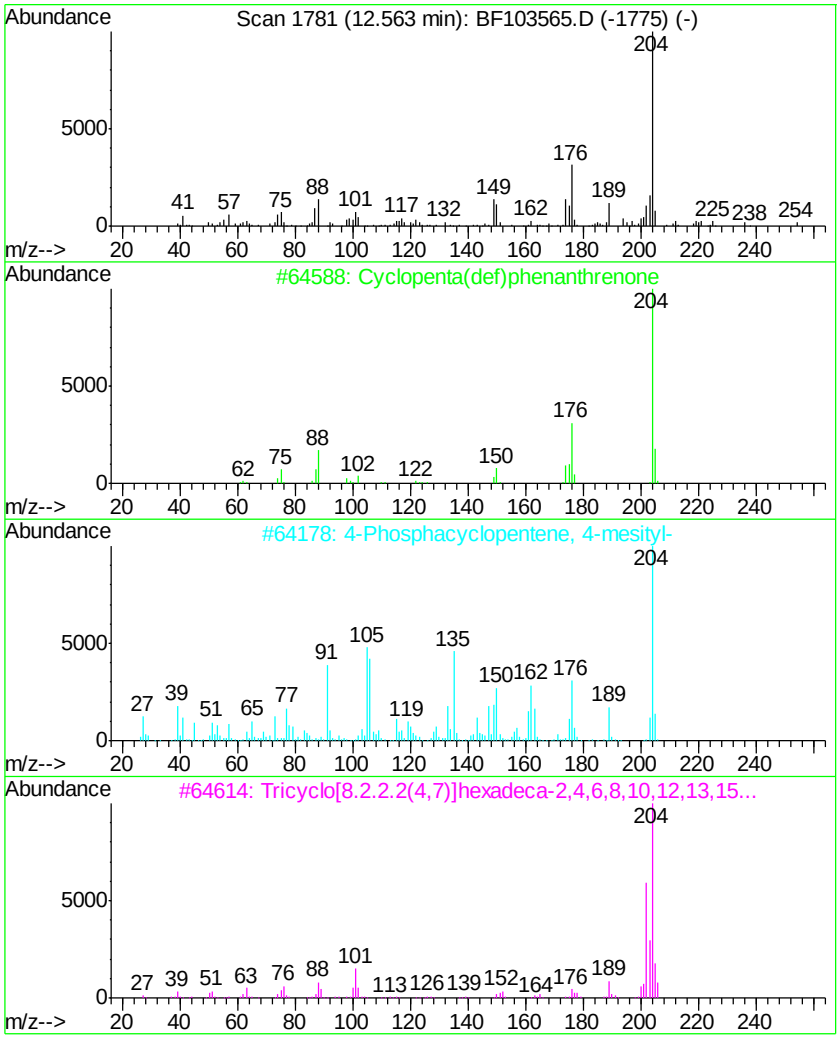
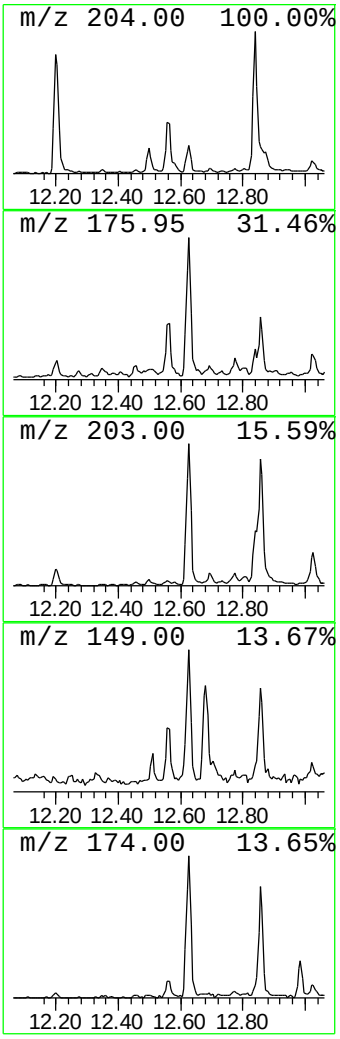
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.39 ng	199523	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	58
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	8-Amino-2-hydroxymethyl-6-methox...	204	C11H12N2O2	1000214-27-5	50
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	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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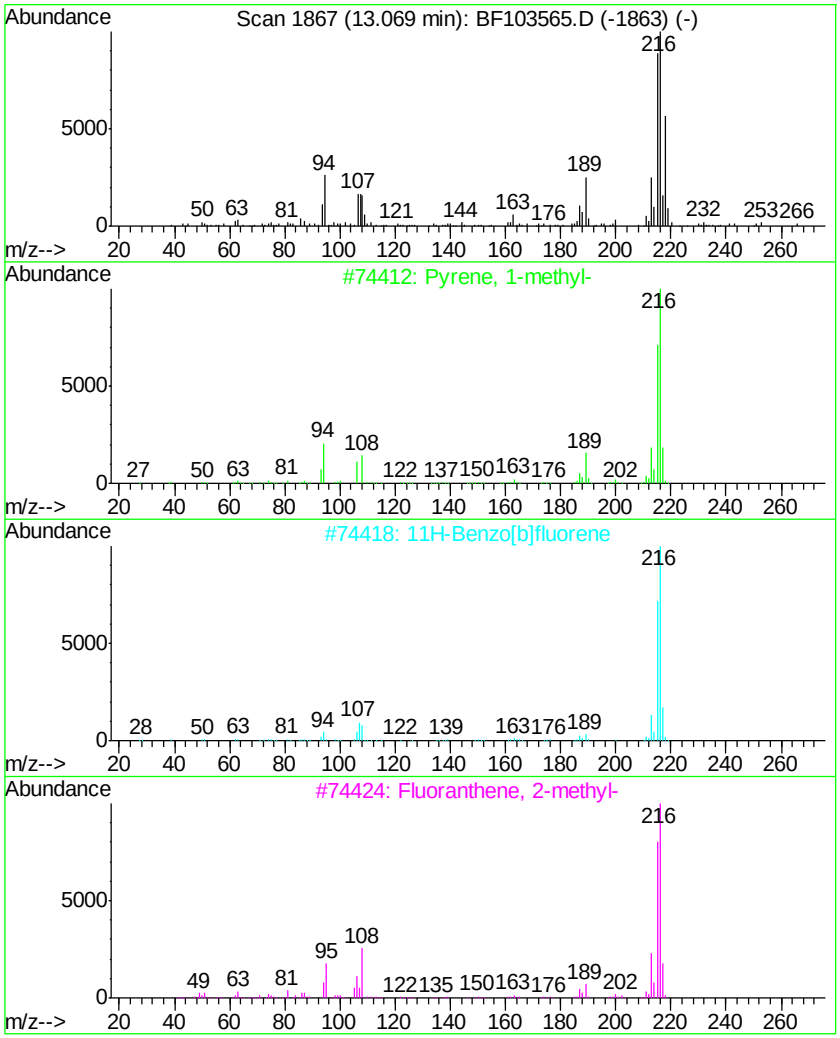
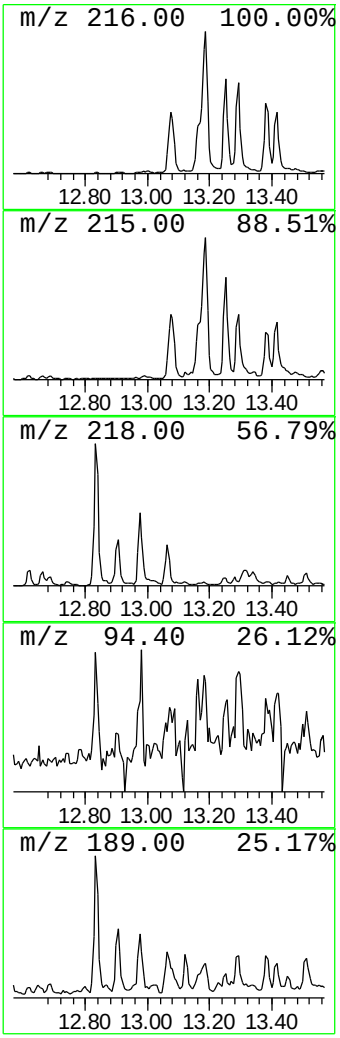
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.37 ng	309257	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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

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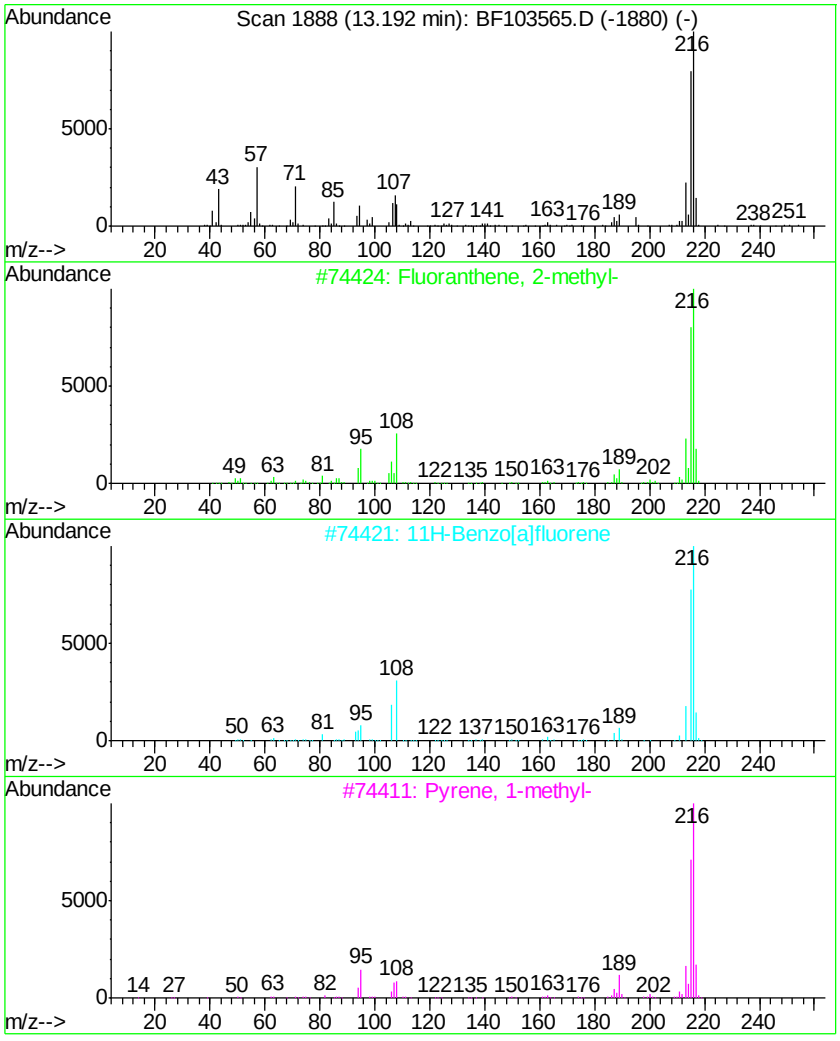
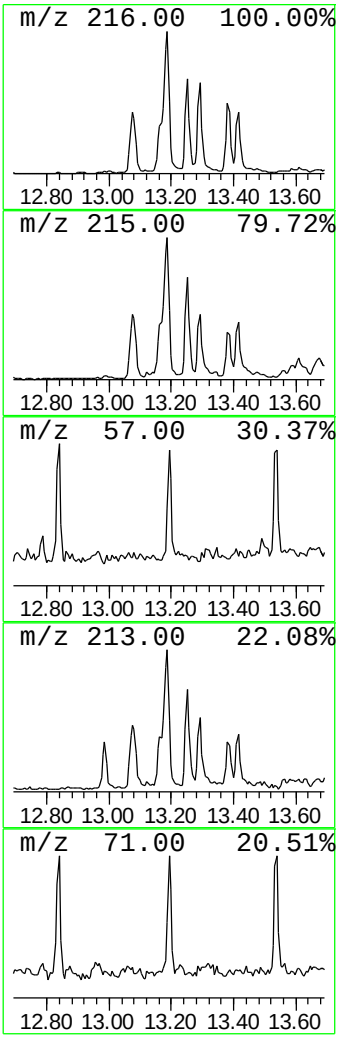
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.43 ng	498232	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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TIC Library : C:\DATABASE\NIST11.L
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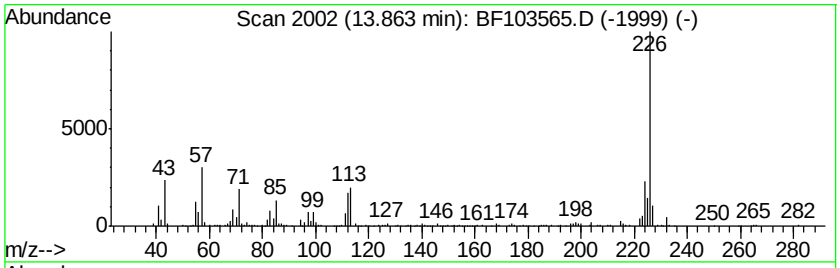
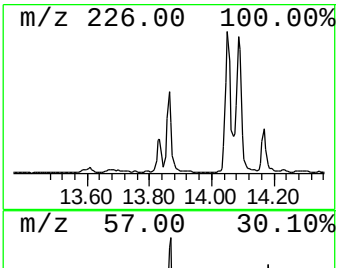
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.15 ng	381119	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	32
3	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	28
4	Diheptylisobutylamine	269	C18H39N	1000310-32-0	25
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

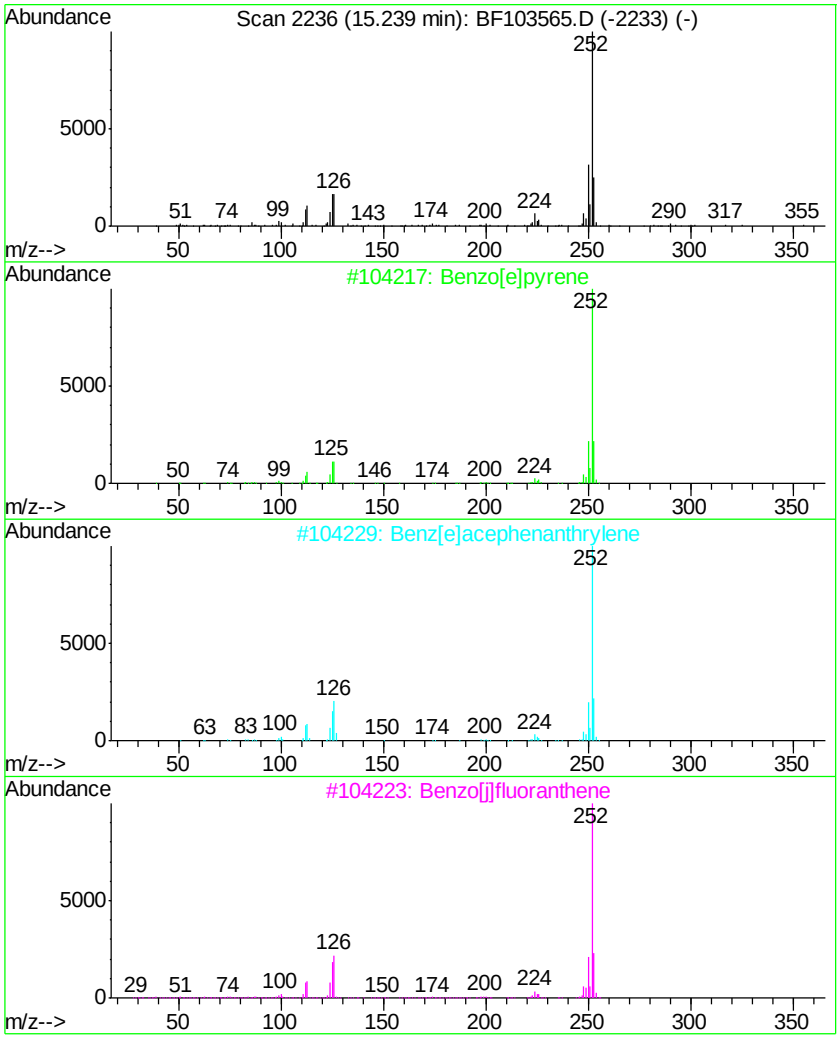
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

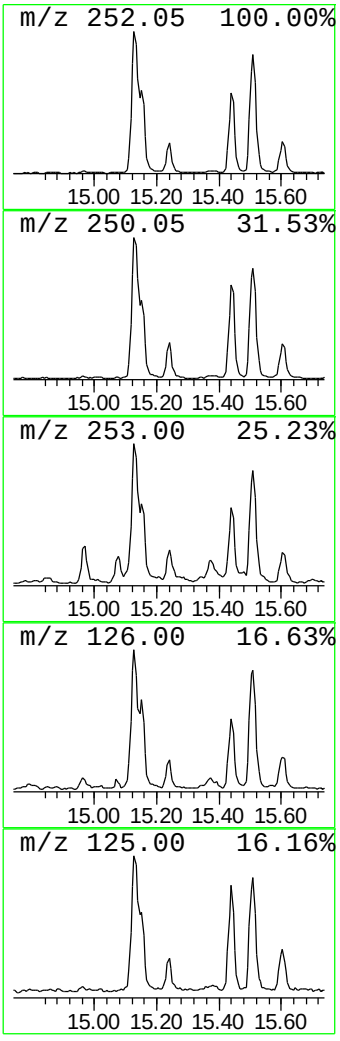
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	6.09 ng	151618	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030918\
Data File : BF103565.D
Acq On : 9 Mar 2018 18:54
Operator : SJ/JU
Sample : J1829-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-6.5-10.5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	7.5	ng	329622	1	6.86	877748	20.0
unknown6.64	6.64	63.1	ng	2769900	1	6.86	877748	20.0
Propanoic acid, 2...	9.09	2.9	ng	165531	3	9.90	1149220	20.0
Diethyl Phthalate	10.32	3.2	ng	181371	3	9.90	1149220	20.0
9H-Fluorene, 1-me...	11.01	4.0	ng	181166	4	11.40	909381	20.0
Naphtho[2,1-b]fur...	11.13	2.9	ng	132676	4	11.40	909381	20.0
unknown11.24	11.24	4.5	ng	202795	4	11.40	909381	20.0
Dibenzothiophene	11.30	2.9	ng	133675	4	11.40	909381	20.0
Phthalic acid, cy...	11.55	5.4	ng	244397	4	11.40	909381	20.0
4H-Cyclopenta[def...	12.02	10.8	ng	490043	4	11.40	909381	20.0
Naphthalene, 2-ph...	12.20	3.6	ng	162709	4	11.40	909381	20.0
di-p-Tolylacetylene	12.46	5.2	ng	236942	4	11.40	909381	20.0
Cyclopenta(def)ph...	12.56	4.4	ng	199523	4	11.40	909381	20.0
Pyrene, 1-methyl-	13.07	3.4	ng	309257	5	14.06	1835900	20.0
Fluoranthene, 2-m...	13.19	5.4	ng	498232	5	14.06	1835900	20.0
Cyclopenta[cd]pyrene	13.86	4.2	ng	381119	5	14.06	1835900	20.0
Benzo[e]pyrene	15.24	6.1	ng	151618	6	15.57	497856	20.0