LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106789.D
Acq On : 25 Jun 2018 23:14
Operator : JU/SJ
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.201	483	487	498	rBB	103836	119054	7.07%	0.625%
2	5.607	552	556	568	rBV	887990	829937	49.31%	4.360%
3	6.607	721	726	741	rBV	939286	959697	57.02%	5.042%
4	6.737	744	748	752	rBV	966212	917296	54.50%	4.819%
5	6.960	783	786	790	rBB	351584	273585	16.26%	1.437%
6	7.119	809	813	816	rBV	906823	781157	46.41%	4.104%
7	7.525	877	882	885	rBV	633869	579847	34.45%	3.046%
8	8.242	1000	1004	1006	rBV	395314	326428	19.40%	1.715%
9	8.266	1006	1008	1014	rVB	158357	123144	7.32%	0.647%
10	8.960	1122	1126	1132	rBV	198622	182527	10.85%	0.959%
11	9.054	1138	1142	1148	rBB	113436	104328	6.20%	0.548%
12	9.319	1182	1187	1190	rBV	1205494	1043075	61.98%	5.480%
13	9.419	1201	1204	1209	rBV	98741	76750	4.56%	0.403%
14	9.513	1215	1220	1225	rBV	31126	27823	1.65%	0.146%
15	9.583	1228	1232	1238	rVV	48305	61389	3.65%	0.323%
16	9.660	1238	1245	1247	rVV	64688	67148	3.99%	0.353%
17	9.683	1247	1249	1251	rVV	45517	42441	2.52%	0.223%
18	9.707	1251	1253	1259	rVB	139935	108485	6.45%	0.570%
19	9.860	1276	1279	1283	rBV2	31907	30547	1.82%	0.160%
20	9.907	1284	1287	1292	rVB3	32476	32096	1.91%	0.169%
21	9.978	1296	1299	1301	rBV	41119	33231	1.97%	0.175%
22	10.001	1301	1303	1306	rVV	338821	317956	18.89%	1.670%
23	10.036	1306	1309	1312	rVB	633052	497588	29.57%	2.614%
24	10.160	1324	1330	1334	rBV	19416	24708	1.47%	0.130%
25	10.207	1334	1338	1341	rVV	392591	337729	20.07%	1.774%
26	10.242	1341	1344	1347	rVB2	20723	21277	1.26%	0.112%
27	10.313	1352	1356	1359	rBV	15176	17168	1.02%	0.090%
28	10.413	1368	1373	1377	rVB	45899	49689	2.95%	0.261%
29	10.554	1393	1397	1400	rBV	505765	417617	24.81%	2.194%
30	10.619	1406	1408	1409	rBV	26877	20973	1.25%	0.110%
31	10.636	1409	1411	1414	rVB2	64796	52030	3.09%	0.273%
32	10.683	1417	1419	1421	rBV	32323	29015	1.72%	0.152%
33	10.707	1421	1423	1429	rVB	90351	69741	4.14%	0.366%
34	10.795	1434	1438	1442	rBV2	567593	539161	32.04%	2.833%

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Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.883	1450	1453	1459	rBV2	41436	60925	3.62%	0.320%
36	11.101	1483	1490	1493	rBV2	54503	70351	4.18%	0.370%
37	11.183	1500	1504	1507	rVB3	17129	18565	1.10%	0.098%
38	11.225	1507	1511	1513	rBV2	22193	30102	1.79%	0.158%
39	11.248	1513	1515	1521	rVV3	25483	31161	1.85%	0.164%
40	11.301	1521	1524	1527	rVV	161730	131115	7.79%	0.689%
41	11.336	1527	1530	1537	rVV3	50839	63567	3.78%	0.334%
42	11.395	1537	1540	1543	rVB	156235	133056	7.91%	0.699%
43	11.501	1554	1558	1559	rBV	324003	326933	19.43%	1.718%
44	11.530	1559	1563	1566	rVV	1623216	1682993	100.00%	8.842%
45	11.572	1566	1570	1574	rVV	316368	311871	18.53%	1.638%
46	11.607	1574	1576	1581	rVB	23324	21380	1.27%	0.112%
47	11.730	1592	1597	1600	rBV2	114385	121535	7.22%	0.638%
48	11.789	1604	1607	1611	rVV2	30605	29409	1.75%	0.155%
49	11.830	1611	1614	1618	rVB2	29189	31009	1.84%	0.163%
50	11.907	1625	1627	1633	rVB	16014	17304	1.03%	0.091%
51	11.995	1639	1642	1645	rBV	137312	125126	7.43%	0.657%
52	12.025	1645	1647	1651	rVB	181114	155105	9.22%	0.815%
53	12.072	1651	1655	1658	rBV	49521	49404	2.94%	0.260%
54	12.113	1658	1662	1664	rVV2	252742	244319	14.52%	1.284%
55	12.130	1664	1665	1669	rVB	71976	59106	3.51%	0.311%
56	12.172	1669	1672	1675	rBV3	19979	18690	1.11%	0.098%
57	12.289	1689	1692	1695	rBV	112083	97892	5.82%	0.514%
58	12.324	1695	1698	1701	rVB	92198	76508	4.55%	0.402%
59	12.442	1715	1718	1721	rVB3	25814	21556	1.28%	0.113%
60	12.519	1728	1731	1733	rVV	154446	143255	8.51%	0.753%
61	12.548	1733	1736	1739	rVB	32120	37196	2.21%	0.195%
62	12.642	1748	1752	1756	rBV2	78431	85288	5.07%	0.448%
63	12.719	1760	1765	1769	rVV	1198576	1264425	75.13%	6.643%
64	12.777	1772	1775	1778	rVB	33383	25539	1.52%	0.134%
65	12.866	1782	1790	1793	rBV3	59713	96479	5.73%	0.507%
66	12.954	1797	1805	1808	rBV2	915503	1152583	68.48%	6.055%
67	12.989	1809	1811	1817	rBV3	49765	57390	3.41%	0.302%
68	13.083	1820	1827	1829	rBV	1151249	1087975	64.65%	5.716%
69	13.107	1829	1831	1834	rVB	39336	34750	2.06%	0.183%
70	13.166	1836	1841	1844	rBV2	47921	83048	4.93%	0.436%
71	13.248	1852	1855	1856	rBV2	40316	44108	2.62%	0.232%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : A-1

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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72	13.271	1856	1859	1863	rVB	86322	89764	5.33%	0.472%
73	13.336	1868	1870	1873	rVB	72079	57313	3.41%	0.301%
74	13.377	1873	1877	1880	rBV2	86027	101450	6.03%	0.533%
75	13.401	1880	1881	1884	rVB2	29509	22400	1.33%	0.118%
76	13.430	1884	1886	1889	rBV3	25508	27401	1.63%	0.144%
77	13.471	1891	1893	1895	rVB	28883	19079	1.13%	0.100%
78	13.507	1896	1899	1901	rVB2	27275	26431	1.57%	0.139%
79	13.783	1943	1946	1950	rVB	78712	75178	4.47%	0.395%
80	13.895	1962	1965	1967	rBV2	65227	64110	3.81%	0.337%
81	13.924	1967	1970	1972	rVV	63767	65608	3.90%	0.345%
82	13.954	1972	1975	1979	rVV3	88554	124652	7.41%	0.655%
83	13.989	1979	1981	1985	rVB	62936	70499	4.19%	0.370%
84	14.148	2003	2008	2011	rBV2	407974	586558	34.85%	3.082%
85	14.177	2011	2013	2020	rVB	256114	220870	13.12%	1.160%
86	15.230	2189	2192	2196	rBV	78255	117947	7.01%	0.620%
87	15.689	2266	2270	2274	rVB	173676	209643	12.46%	1.101%

Sum of corrected areas: 19034558

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
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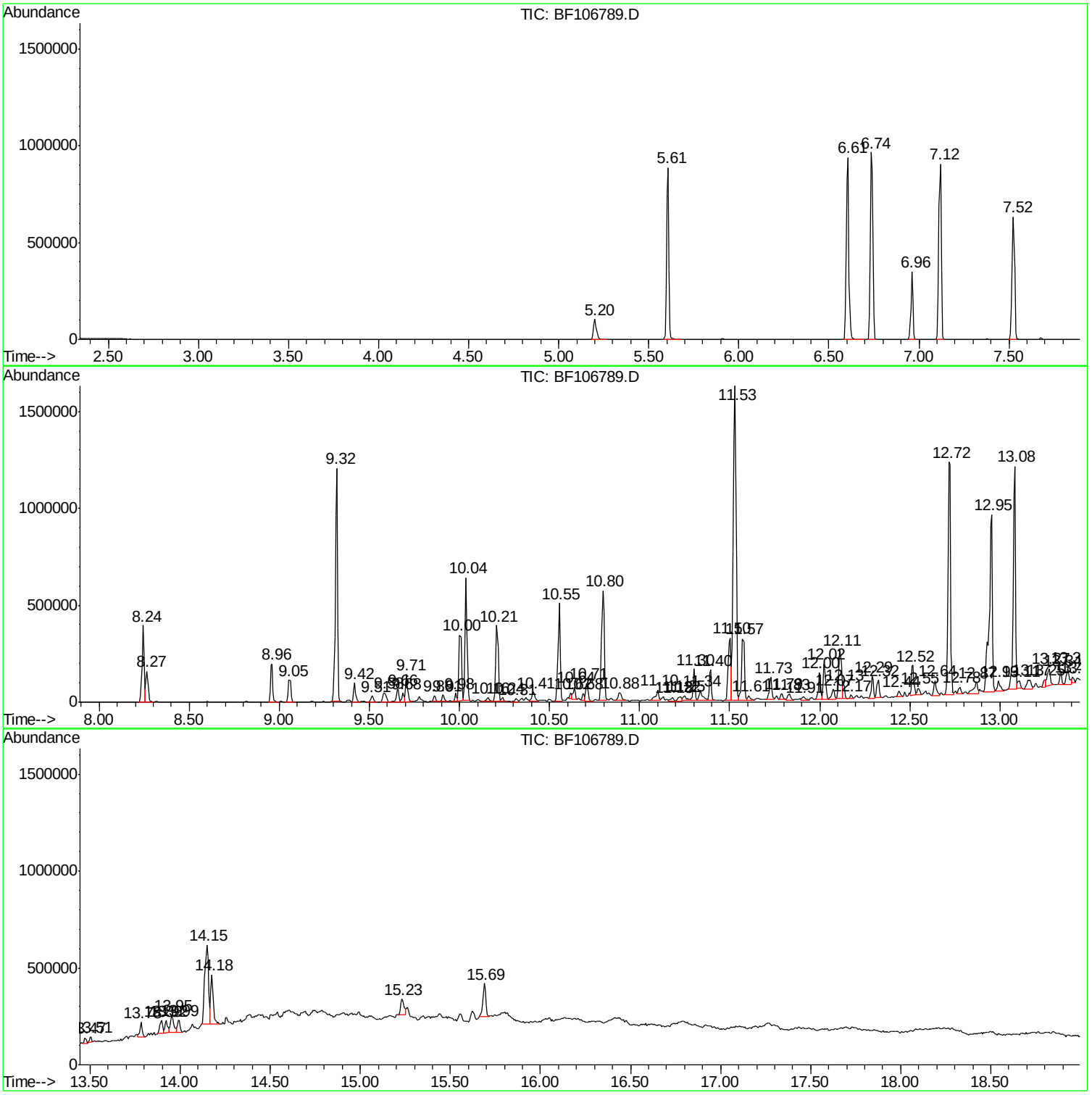
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106789.D
Acq On : 25 Jun 2018 23:14
Operator : JU/SJ
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

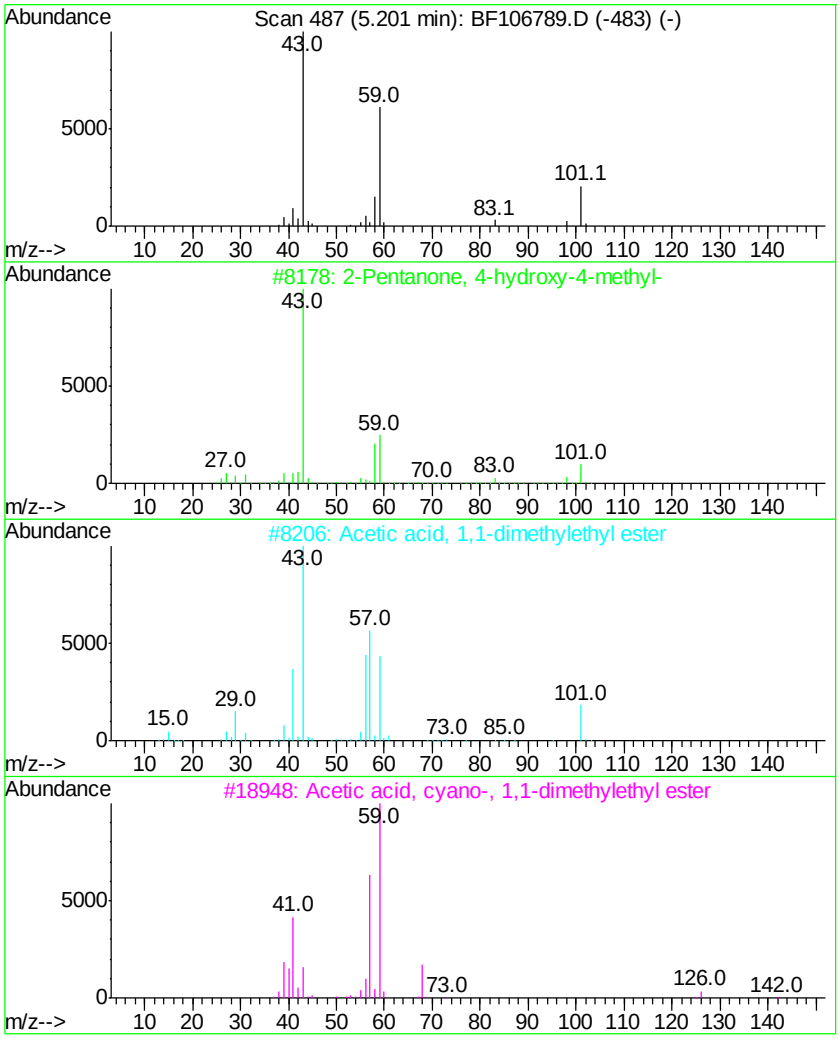
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

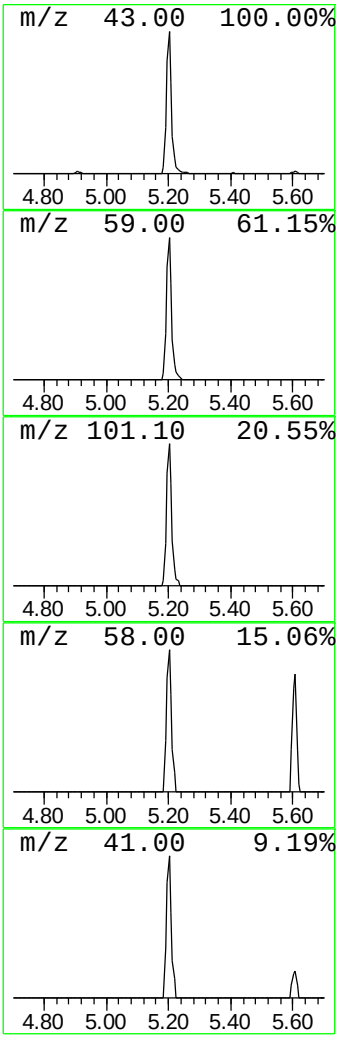
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	8.70 ng	119054	1,4-Dichlorobenzene-d4	6.96

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

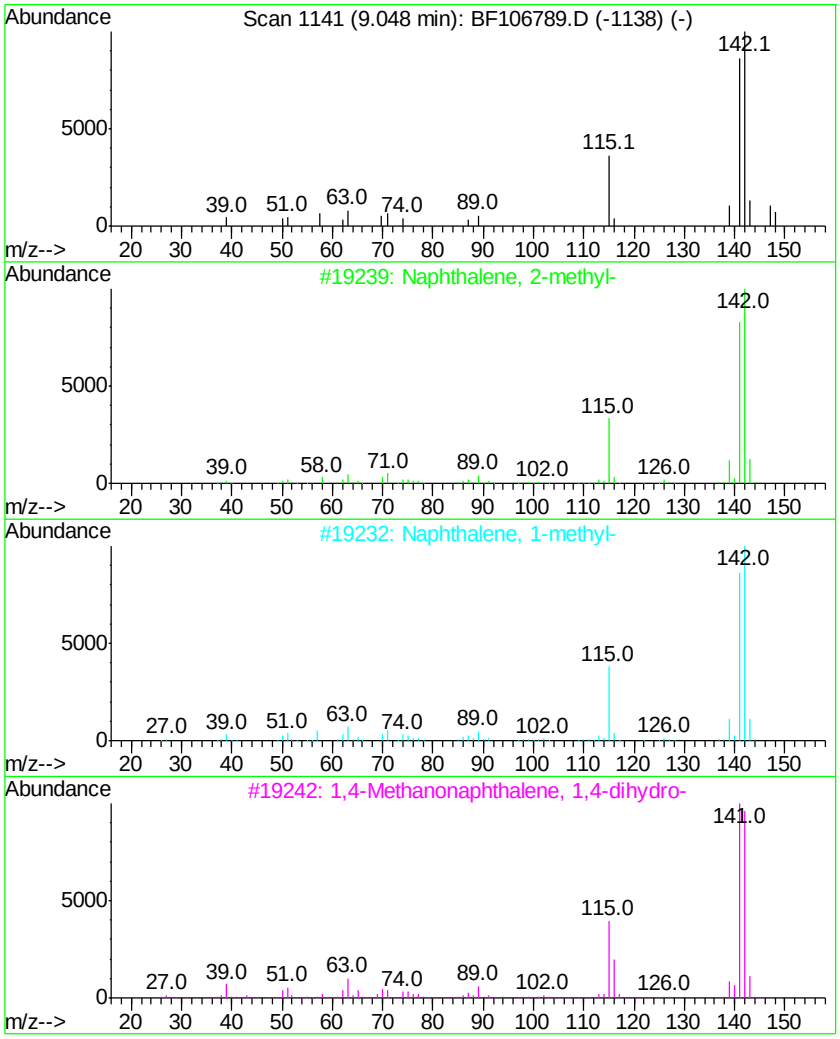
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

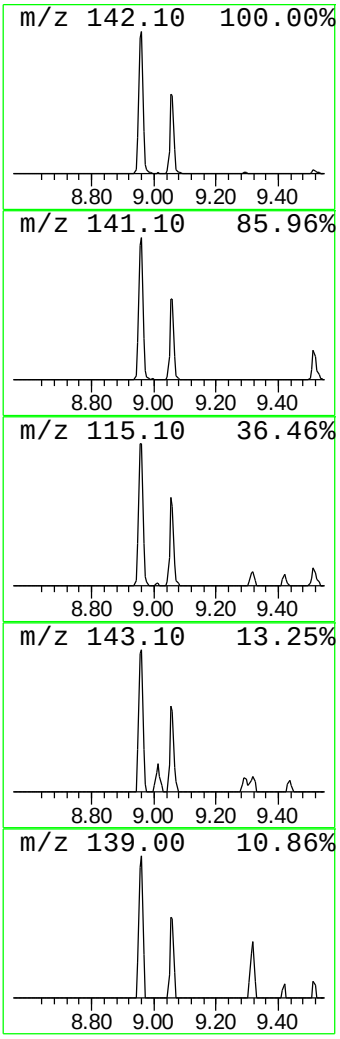
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	6.39 ng	104328	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106789.D
Acq On : 25 Jun 2018 23:14
Operator : JU/SJ
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

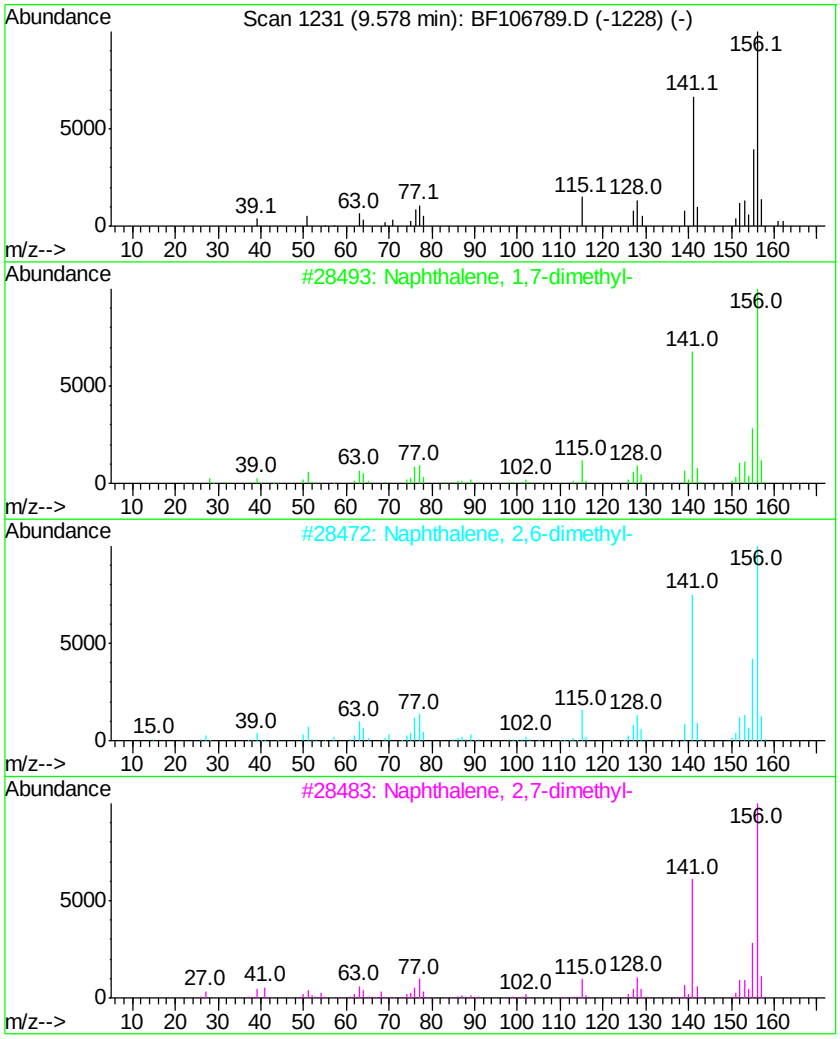
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

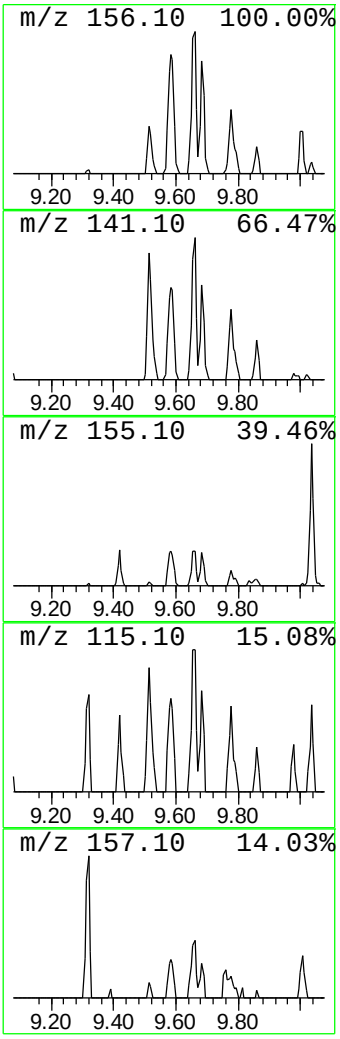
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	3.86 ng	61389	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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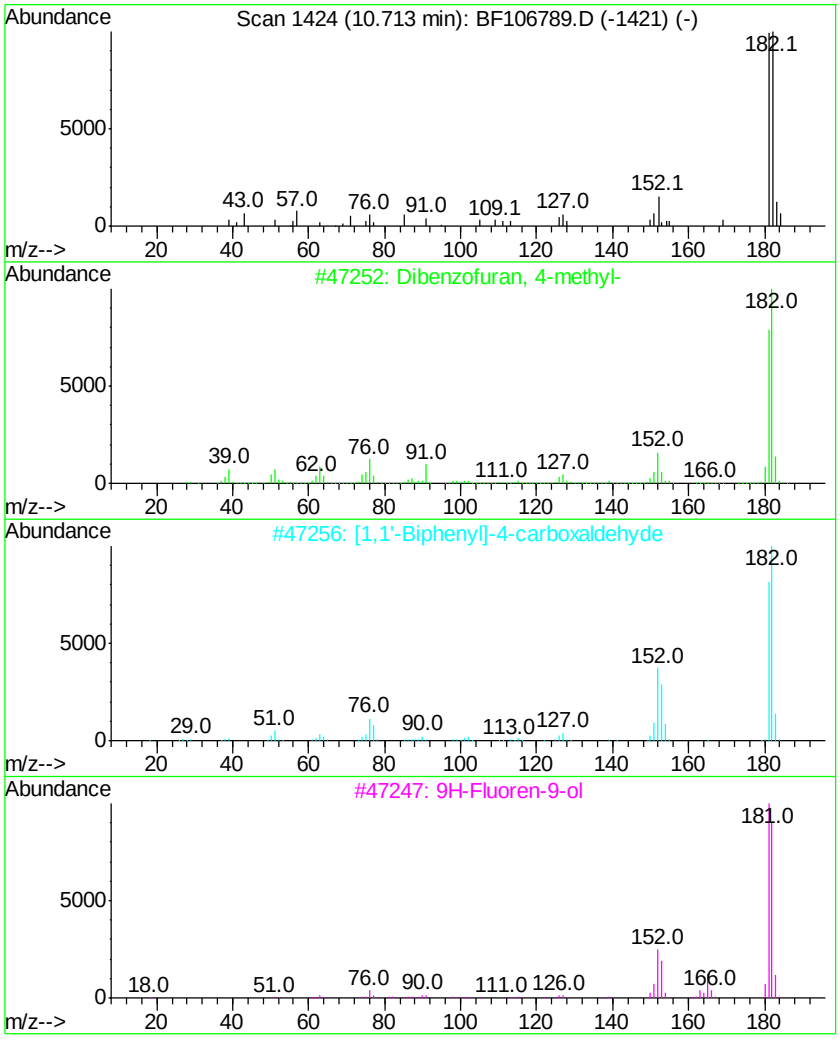
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

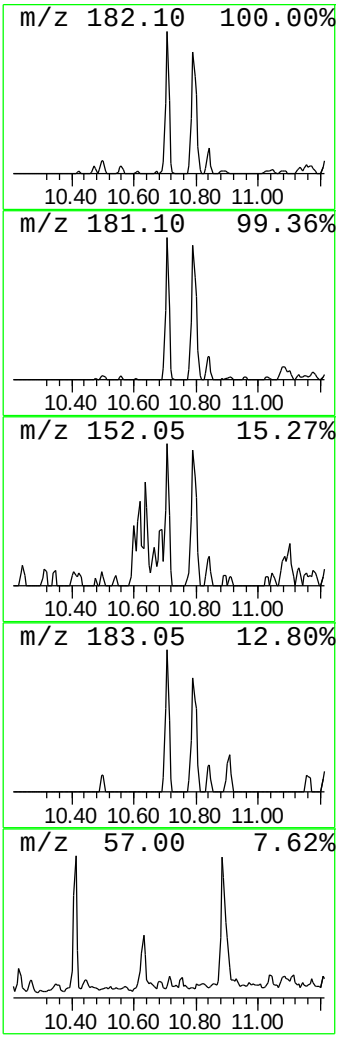
****

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.39 ng	69741	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	95
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60
5	9H-Xanthene	182	C13H10O	000092-83-1	60





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

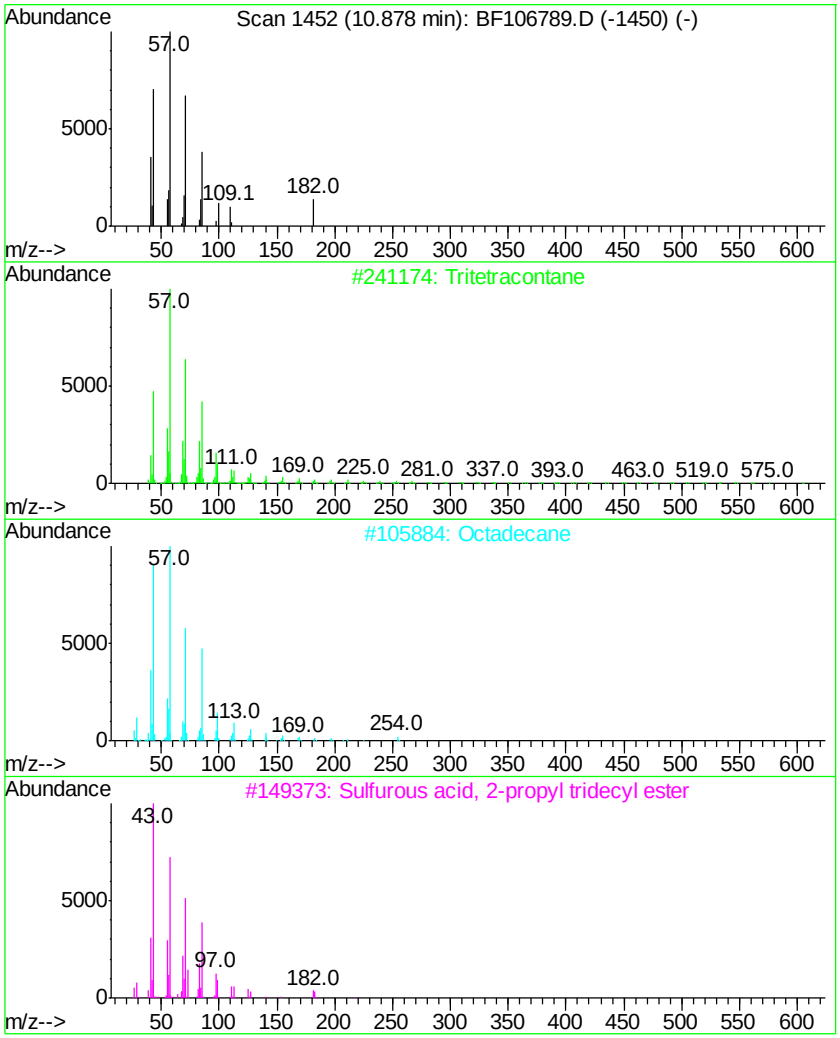
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

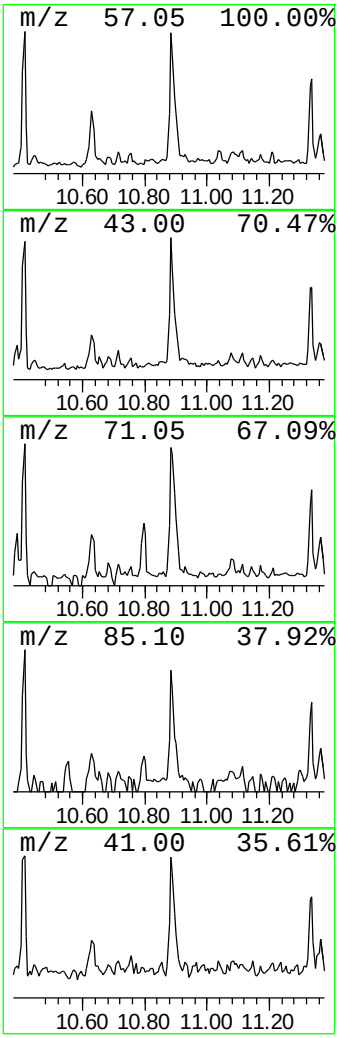
****

Peak Number 7 Tritetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	3.73 ng	60925	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Octadecane	254	C18H38	000593-45-3	86
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106789.D
Acq On : 25 Jun 2018 23:14
Operator : JU/SJ
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

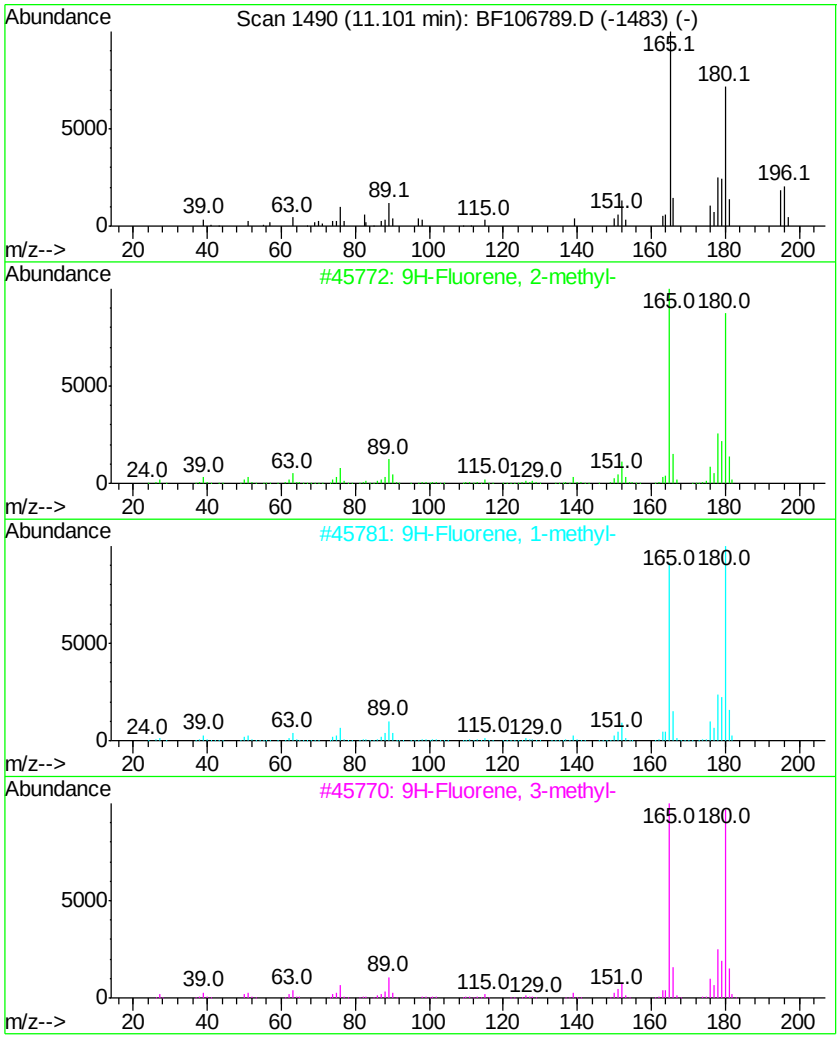
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

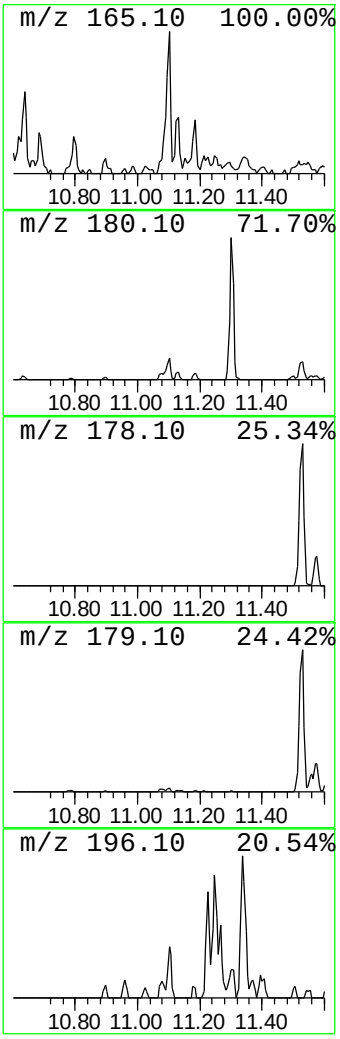
****

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.30 ng	70351	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83





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Acq On : 25 Jun 2018 23:14
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Sample : J3626-02
Misc :
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ClientSampleId : A-1

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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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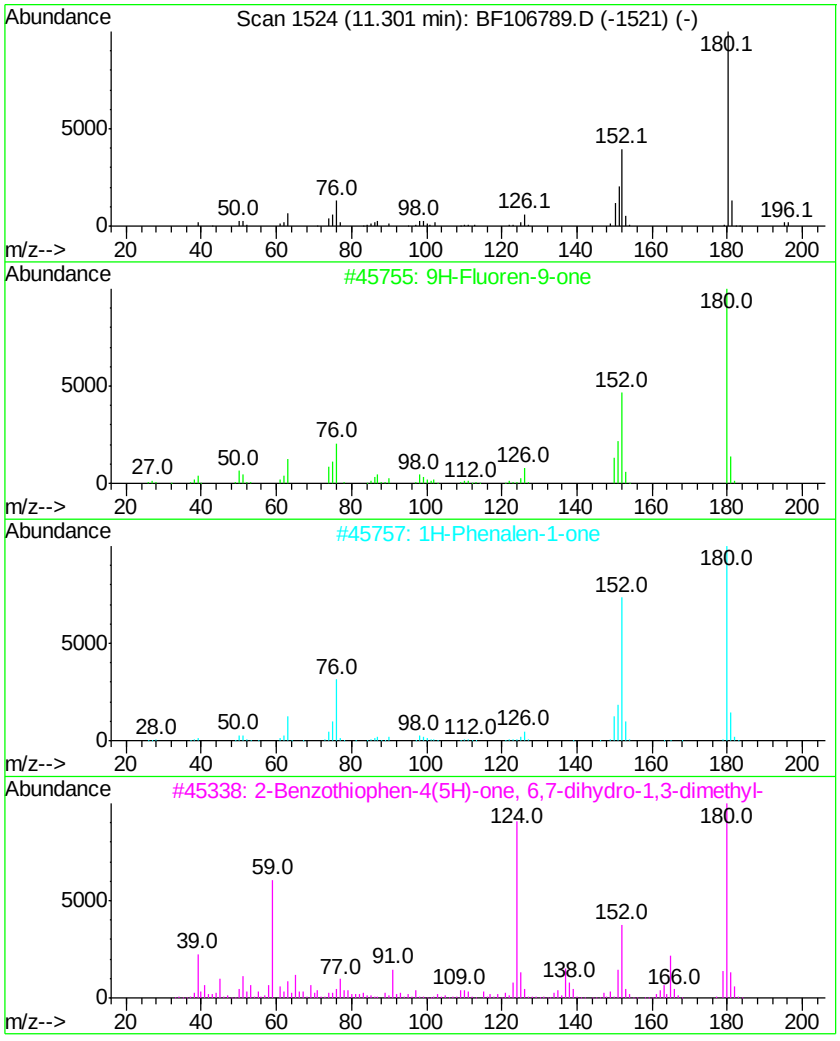
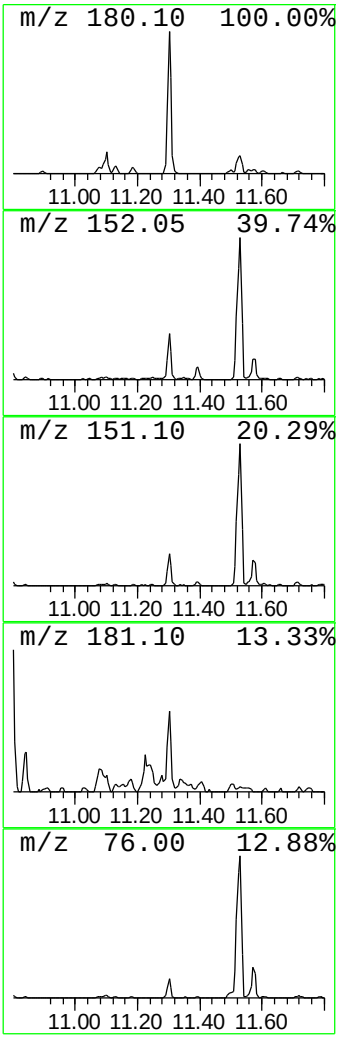
Peak Number 9 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	8.02 ng	131115	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
3	2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	50
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	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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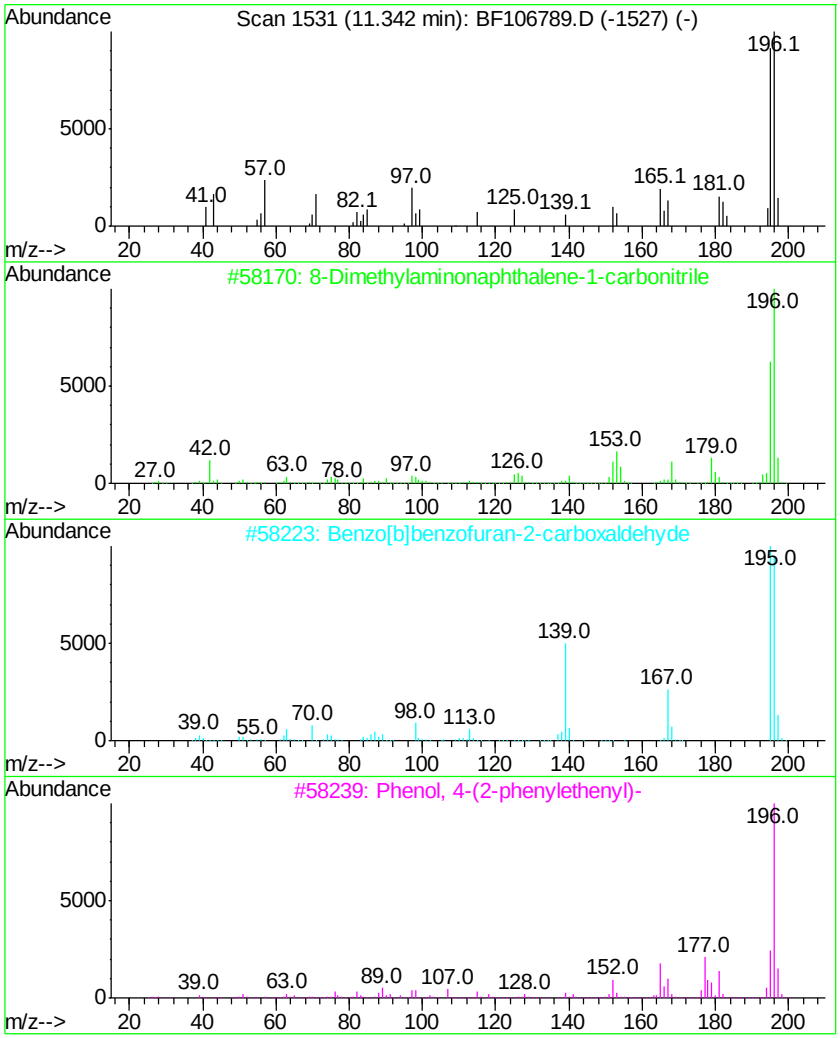
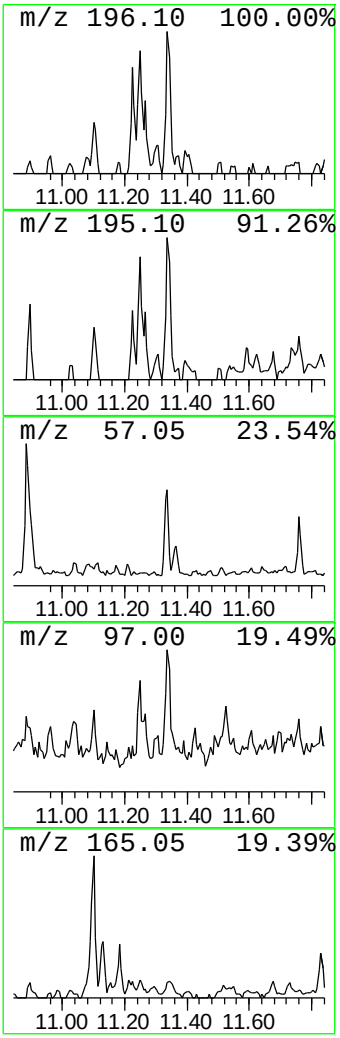
Peak Number 10 8-Dimethylaminonaphthalene-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.89 ng	63567	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	52
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	49
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	45
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	43
5	.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	30





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

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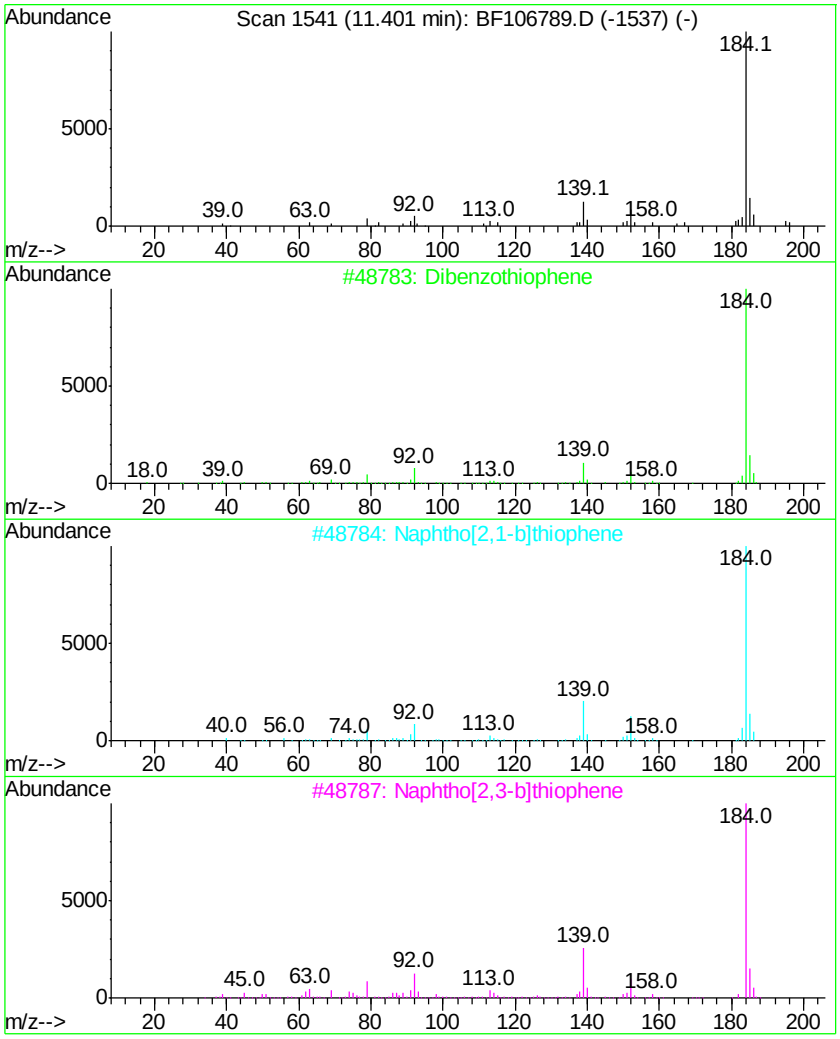
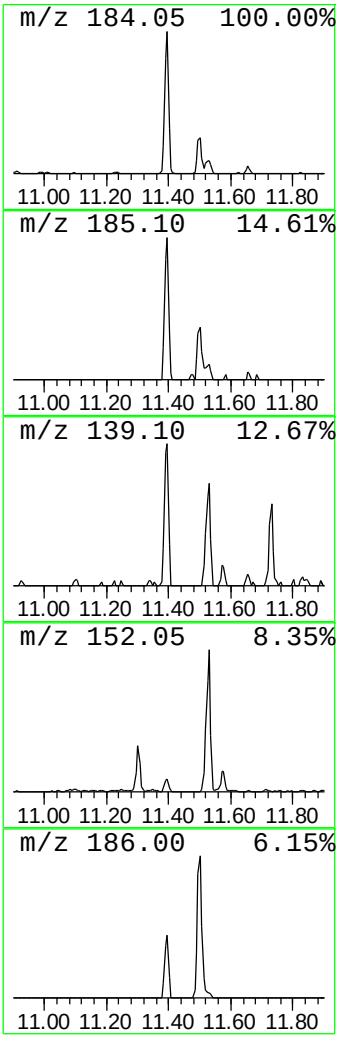
Peak Number 11 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.14 ng	133056	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
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	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Instrument : BNA_F
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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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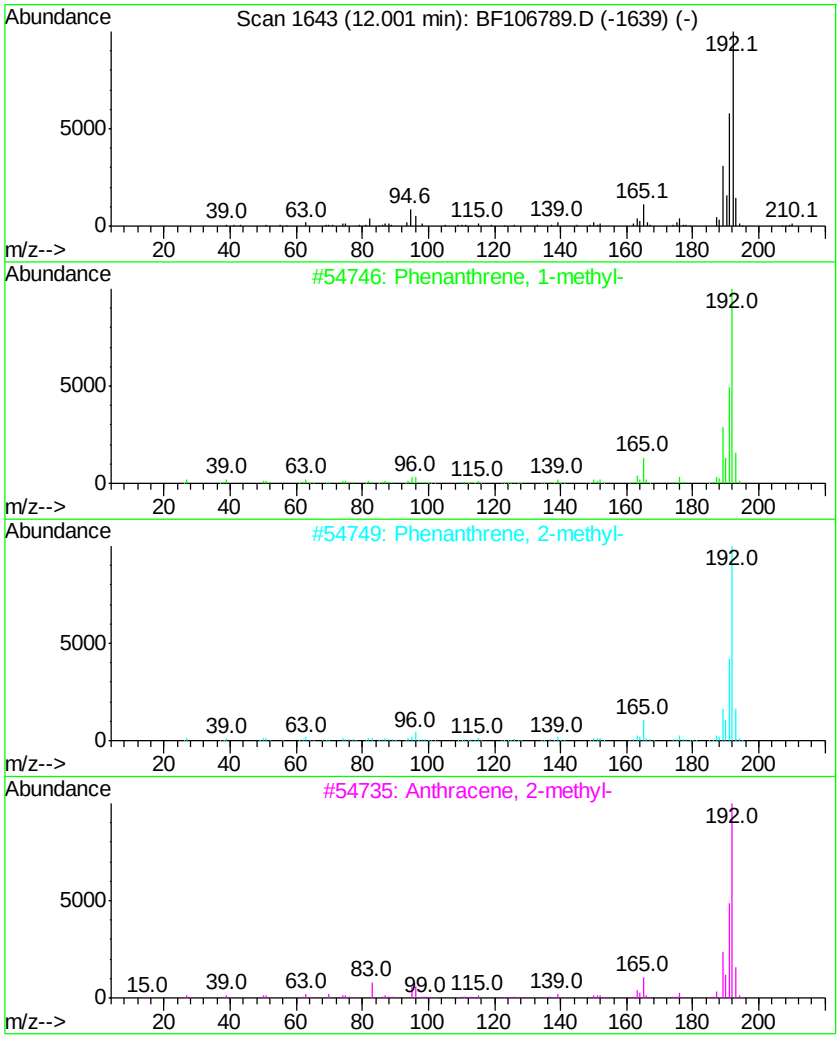
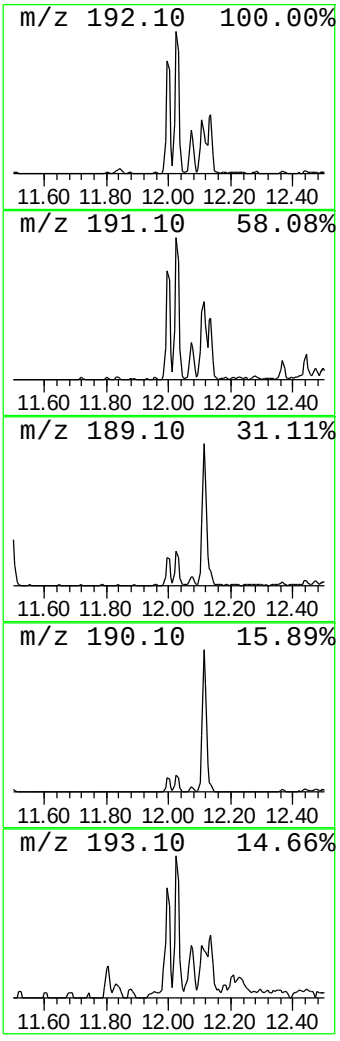
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.65 ng	125126	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Instrument : BNA_F
ClientSampleId : A-1

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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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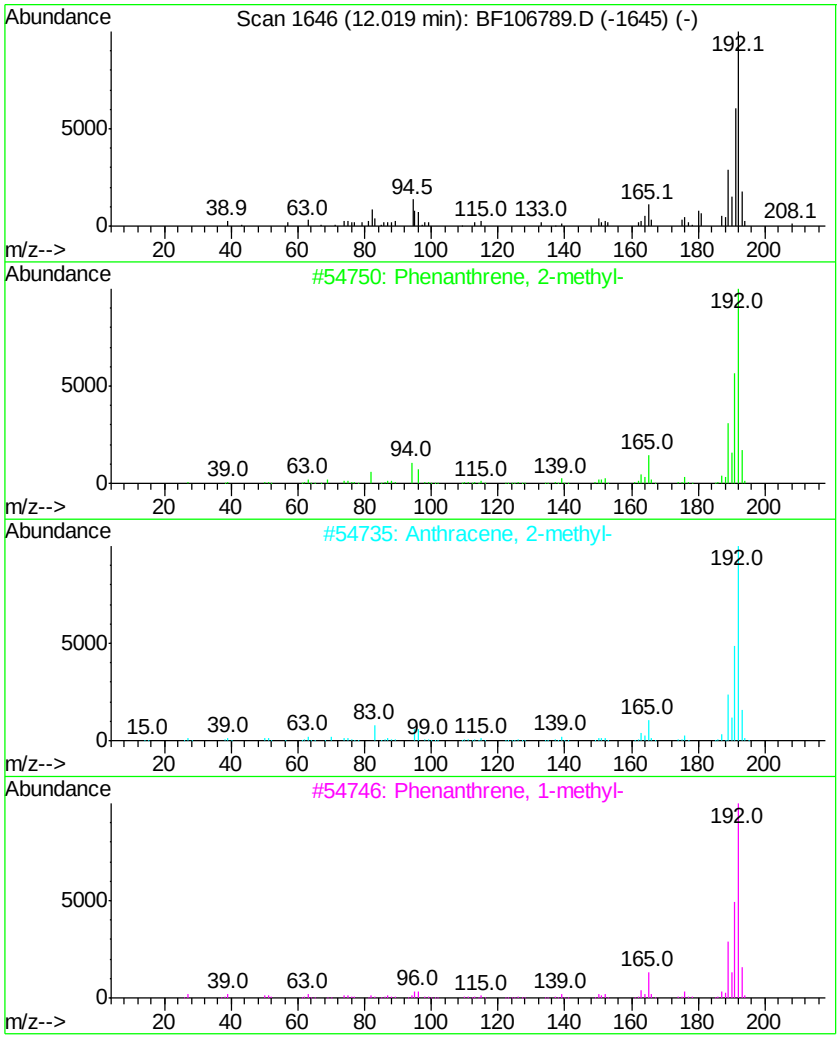
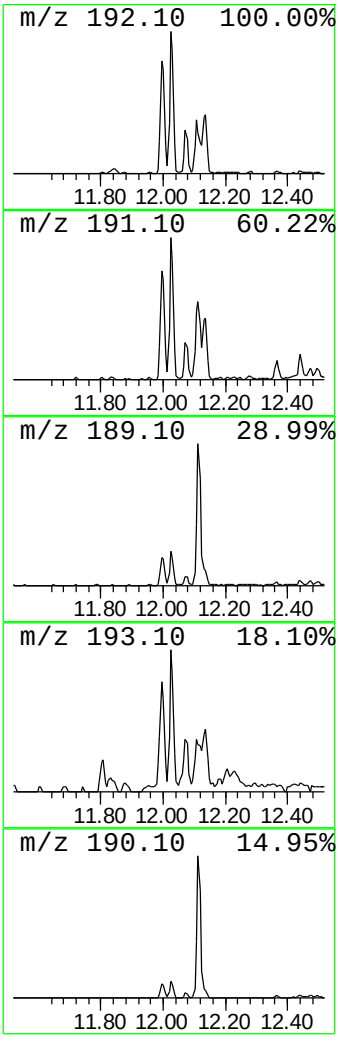
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.49 ng	155105	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Instrument : BNA_F
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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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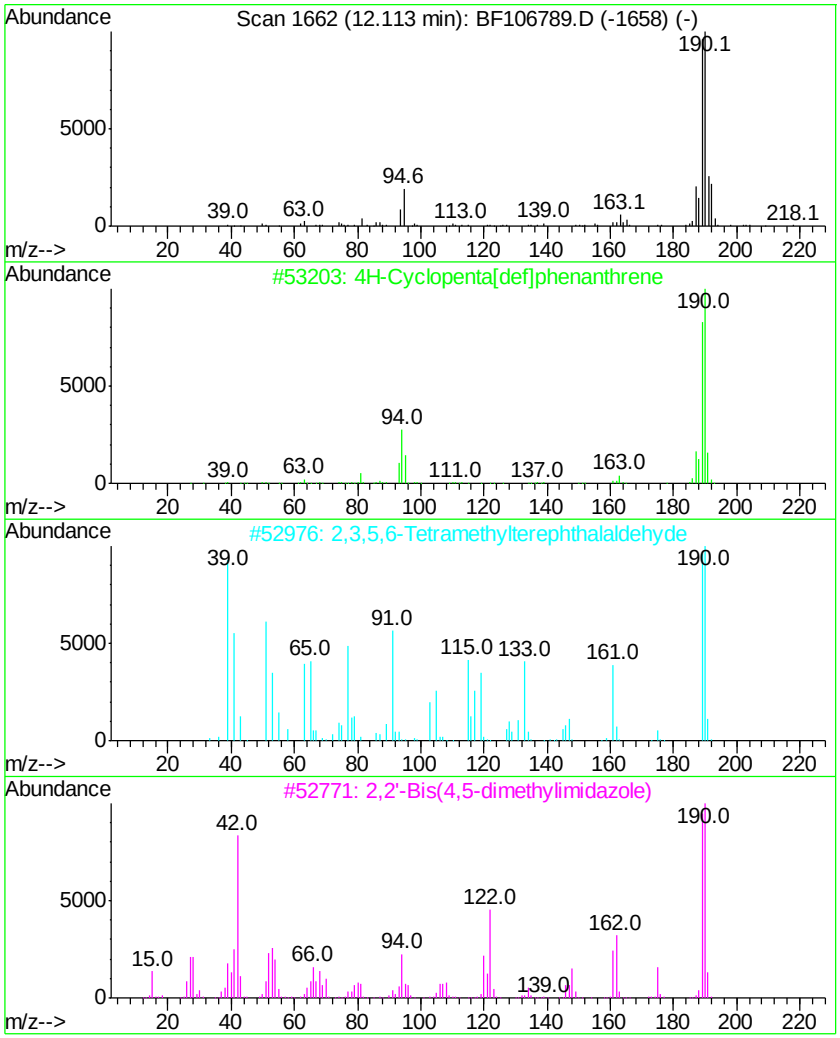
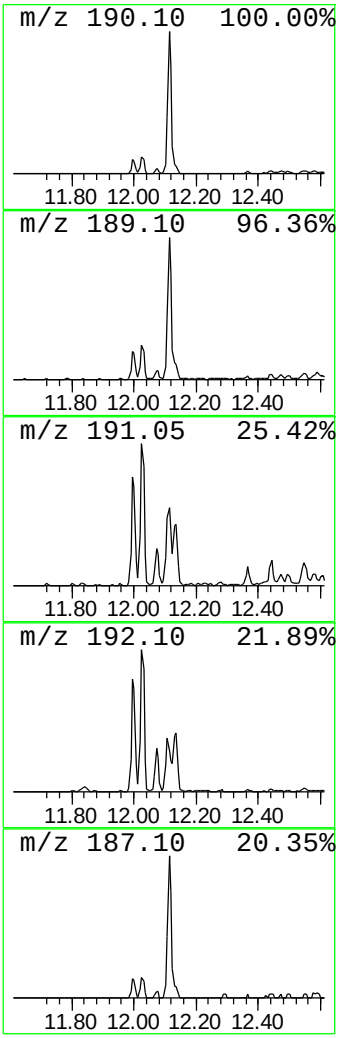
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	14.95 ng	244319	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	3-Fluoro-5-(trifluoromethyl)benz...	189	C8H3F4N	149793-69-1	16





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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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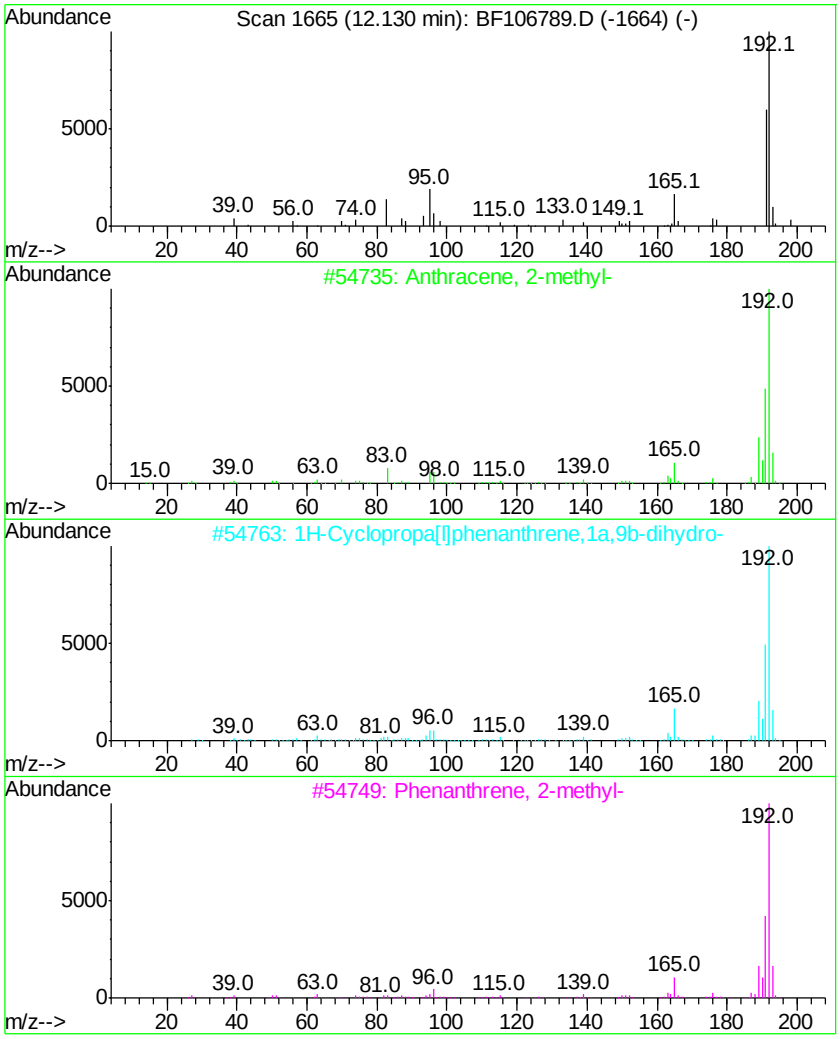
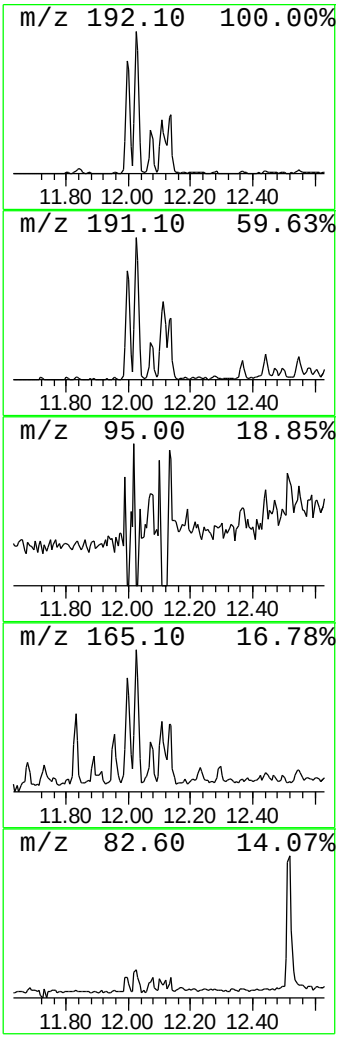
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.62 ng	59106	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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Instrument : BNA_F
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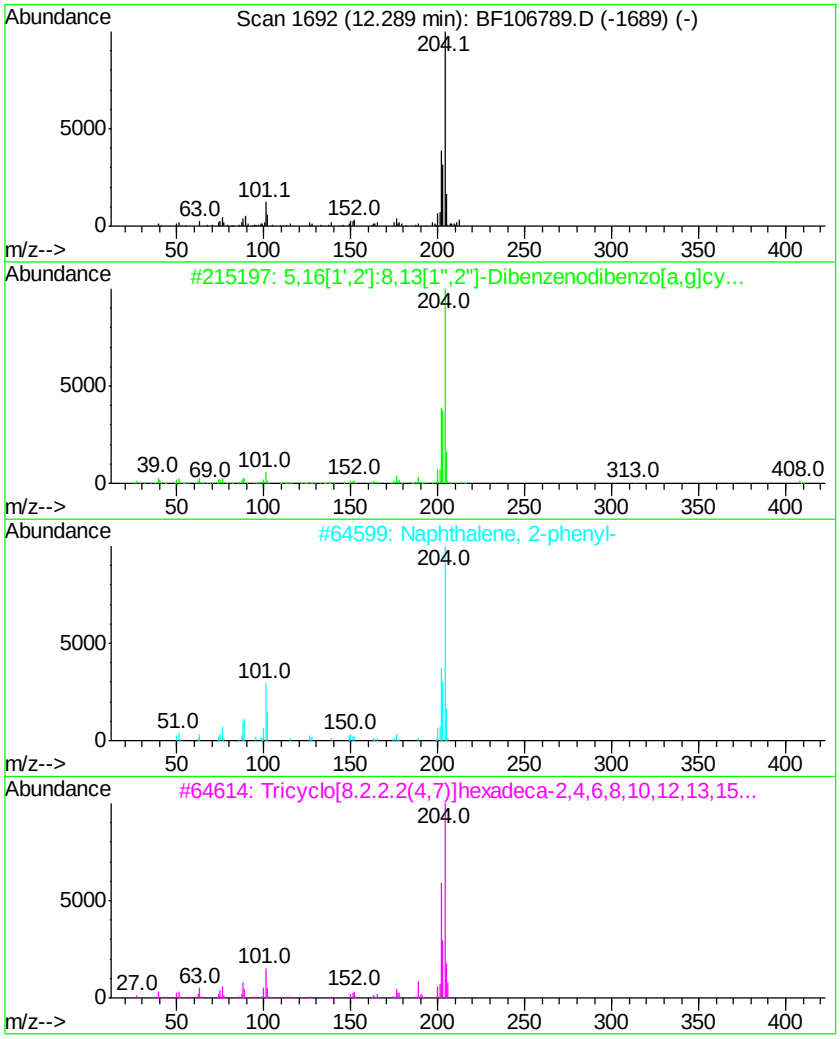
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

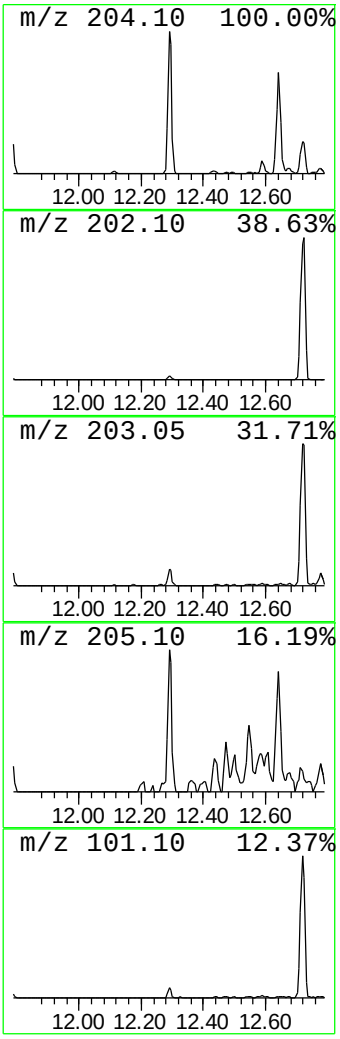
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	5.99 ng	97892	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
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	86
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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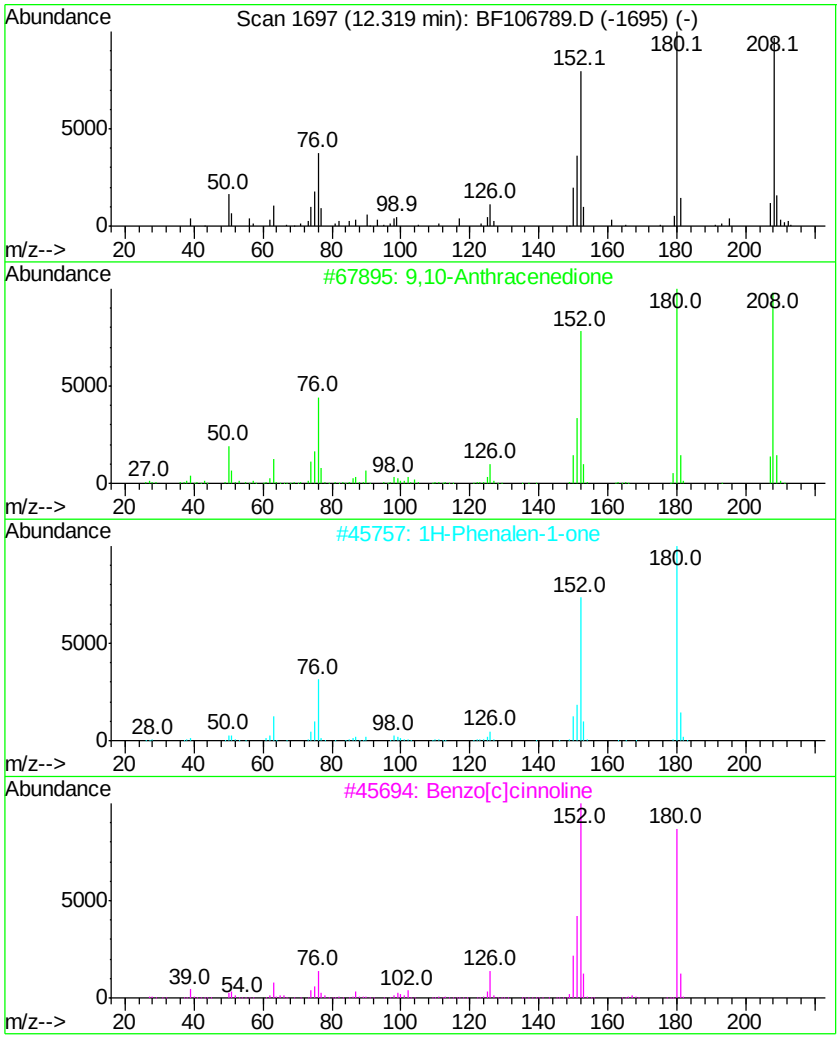
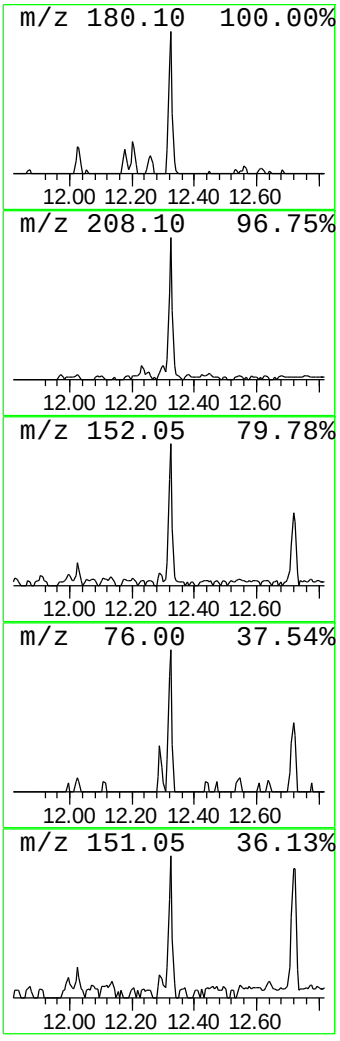
Peak Number 17 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.68 ng	76508	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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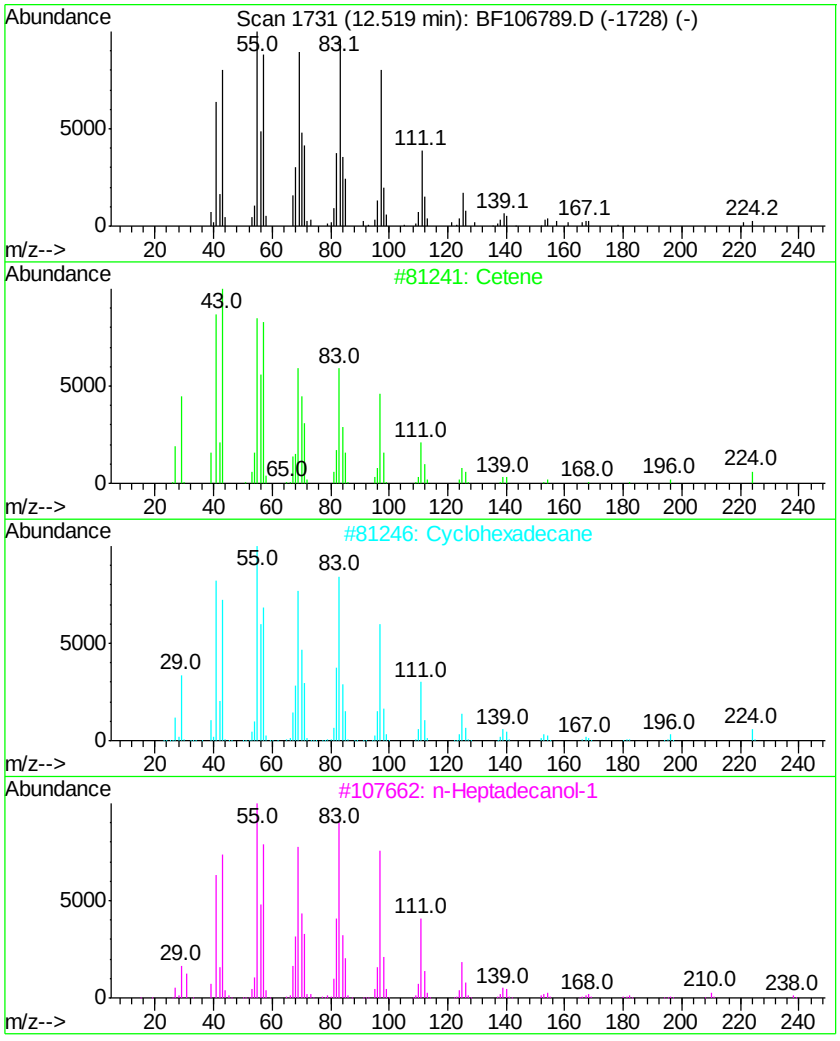
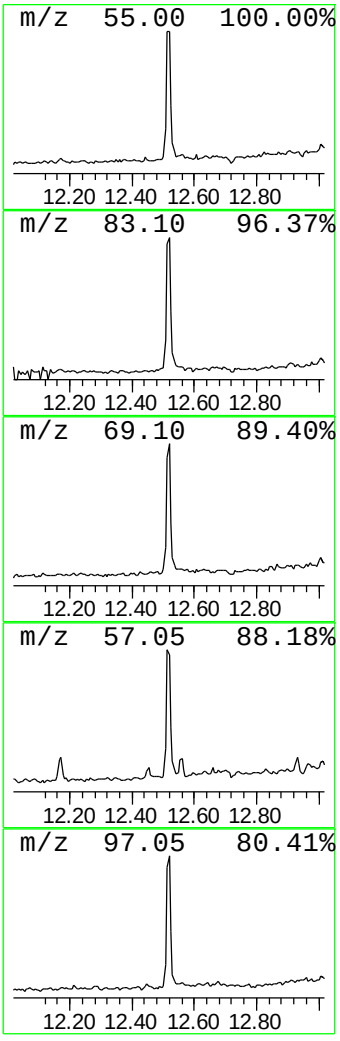
Peak Number 18 Cetene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.76 ng	143255	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	98
2	Cyclohexadecane	224	C16H32	000295-65-8	97
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94





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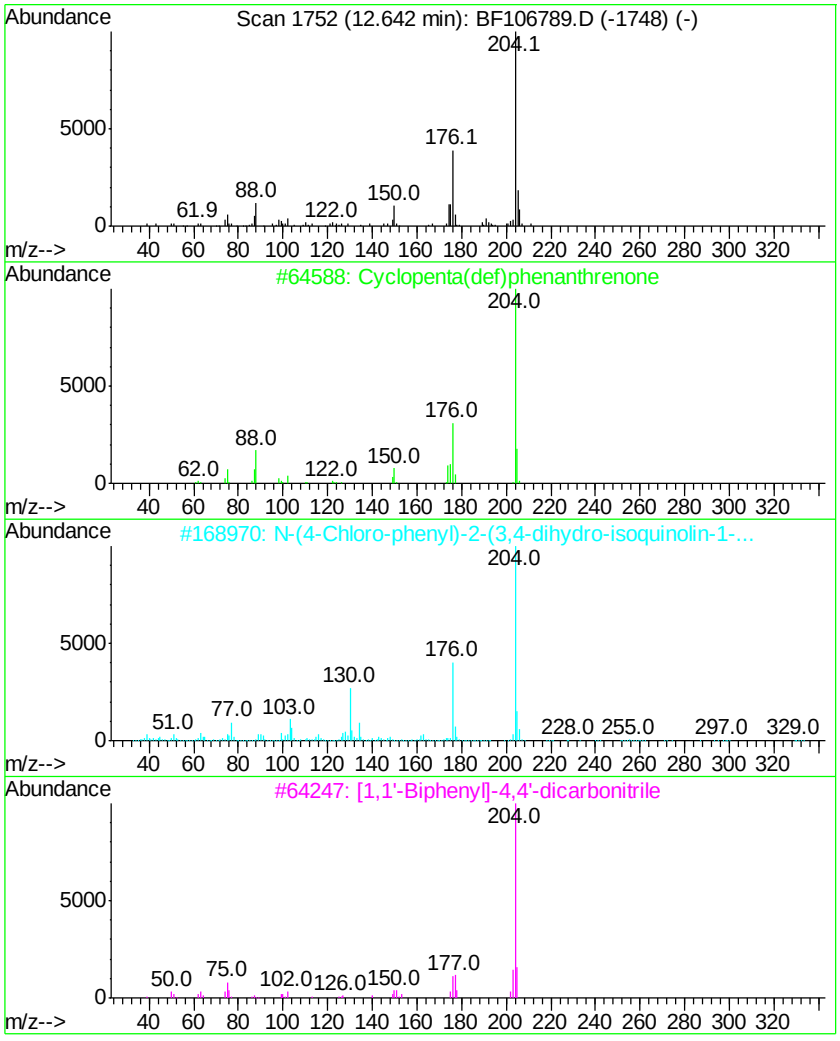
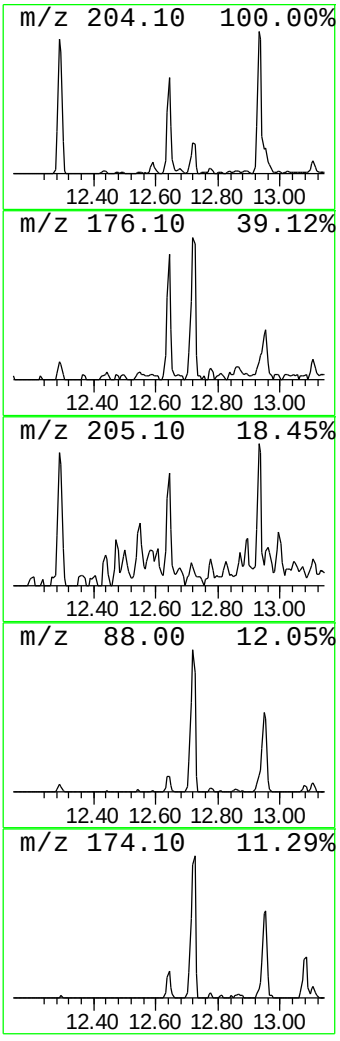
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.22 ng	85288	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	50
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106789.D
Acq On : 25 Jun 2018 23:14
Operator : JU/SJ
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

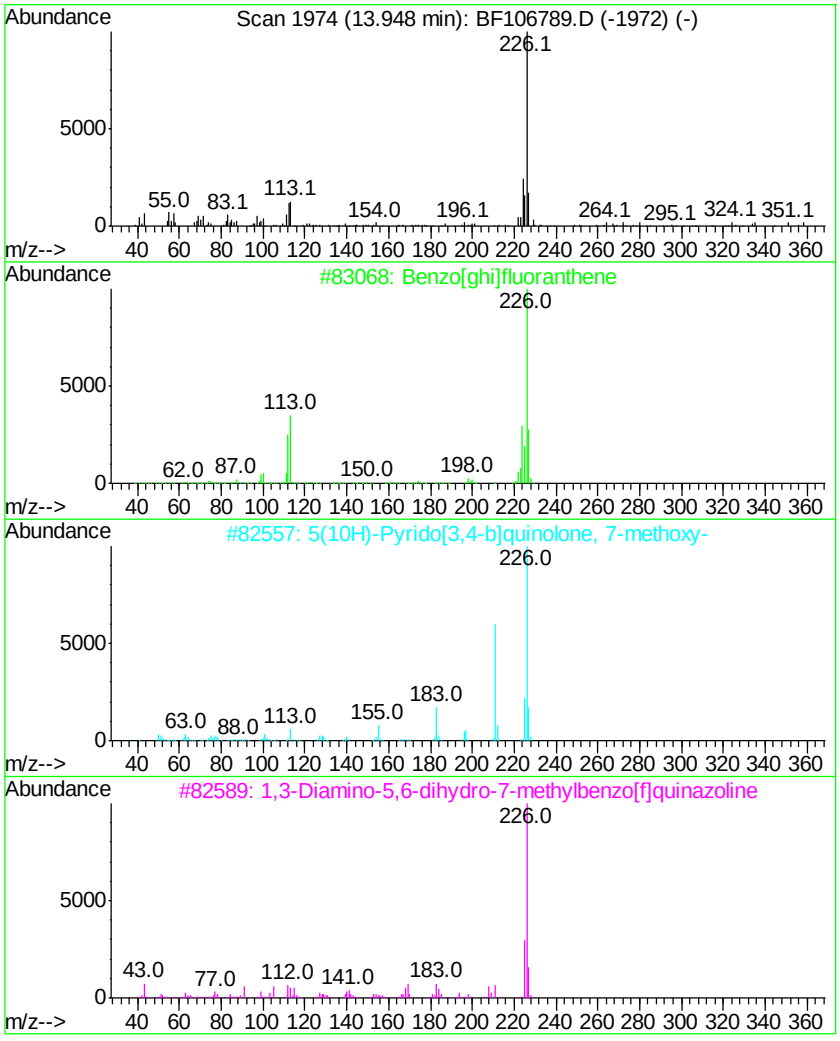
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

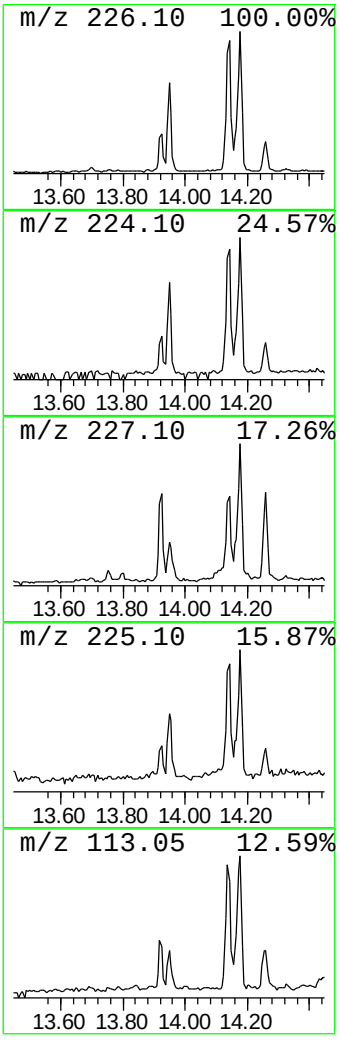
****

Peak Number 20 Benzo[ghi]fluoranthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.25 ng	124652	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	46
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
4	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	43
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106789.D
Acq On : 25 Jun 2018 23:14
Operator : JU/SJ
Sample : J3626-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.20	8.7	ng	119054	1	6.96	273585	20.0
Naphthalene, 1-me...	9.05	6.4	ng	104328	2	8.24	326428	20.0
Naphthalene, 1,7-...	9.58	3.9	ng	61389	3	10.00	317956	20.0
Dibenzofuran, 4-m...	10.71	4.4	ng	69741	3	10.00	317956	20.0
Tritetracontane	10.88	3.7	ng	60925	4	11.50	326933	20.0
9H-Fluorene, 2-me...	11.10	4.3	ng	70351	4	11.50	326933	20.0
9H-Fluoren-9-one	11.30	8.0	ng	131115	4	11.50	326933	20.0
8-Dimethylaminona...	11.34	3.9	ng	63567	4	11.50	326933	20.0
Dibenzothiophene	11.40	8.1	ng	133056	4	11.50	326933	20.0
Phenanthrene, 1-m...	12.00	7.7	ng	125126	4	11.50	326933	20.0
Phenanthrene, 2-m...	12.02	9.5	ng	155105	4	11.50	326933	20.0
4H-Cyclopenta[def...	12.11	14.9	ng	244319	4	11.50	326933	20.0
Anthracene, 2-met...	12.13	3.6	ng	59106	4	11.50	326933	20.0
5,16[1',2']:8,13[...	12.29	6.0	ng	97892	4	11.50	326933	20.0
9,10-Anthracenedione	12.32	4.7	ng	76508	4	11.50	326933	20.0
Cetene	12.52	8.8	ng	143255	4	11.50	326933	20.0
Cyclopenta(def)ph...	12.64	5.2	ng	85288	4	11.50	326933	20.0
Benzo[ghi]fluoran...	13.95	4.3	ng	124652	5	14.15	586558	20.0