LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

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-BF073019.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	5.475	572	576	591	rBV	2499859	2403189	81.32%	5.403%
2	6.486	743	748	767	rVB	2515460	2608106	88.26%	5.863%
3	6.622	767	771	775	rBV	2907090	2613926	88.46%	5.877%
4	6.851	806	810	817	rBV	1020953	832156	28.16%	1.871%
5	7.010	833	837	840	rBV	2391934	2086627	70.61%	4.691%
6	7.410	901	905	908	rBV	1859506	1601895	54.21%	3.601%
7	8.133	1024	1028	1030	rBV	1231368	1038262	35.13%	2.334%
8	8.151	1030	1031	1037	rVB	94763	68966	2.33%	0.155%
9	8.845	1146	1149	1153	rBV	39805	37694	1.28%	0.085%
10	8.945	1164	1166	1170	rVB	45180	38504	1.30%	0.087%
11	9.210	1207	1211	1215	rBV	3243885	2955070	100.00%	6.643%
12	9.327	1229	1231	1235	rVB	42725	39016	1.32%	0.088%
13	9.480	1252	1257	1260	rBV	22638	32009	1.08%	0.072%
14	9.551	1265	1269	1271	rBV	53953	51207	1.73%	0.115%
15	9.604	1275	1278	1283	rVB	381356	305702	10.35%	0.687%
16	9.751	1300	1303	1307	rBV	180502	148400	5.02%	0.334%
17	9.892	1321	1327	1330	rBV	1468515	1254537	42.45%	2.820%
18	9.922	1330	1332	1336	rVB	96781	87349	2.96%	0.196%
19	10.098	1358	1362	1366	rBV	150451	154830	5.24%	0.348%
20	10.210	1378	1381	1384	rBV4	27470	36116	1.22%	0.081%
21	10.298	1393	1396	1399	rBV4	43246	58048	1.96%	0.131%
22	10.439	1417	1420	1426	rVB	157105	140867	4.77%	0.317%
23	10.598	1444	1447	1450	rVB	76726	67178	2.27%	0.151%
24	10.680	1457	1461	1467	rBV	1983813	1825440	61.77%	4.104%
25	10.810	1479	1483	1486	rBV5	49891	65978	2.23%	0.148%
26	11.116	1533	1535	1537	rBV2	43792	31846	1.08%	0.072%
27	11.139	1537	1539	1544	rBV	43721	37247	1.26%	0.084%
28	11.186	1544	1547	1550	rBV	139682	130526	4.42%	0.293%
29	11.227	1552	1554	1558	rVV3	50529	81058	2.74%	0.182%
30	11.274	1560	1562	1568	rVB	141199	140758	4.76%	0.316%
31	11.380	1576	1580	1582	rBV	1266199	1214087	41.08%	2.729%
32	11.404	1582	1584	1587	rVV	2384833	1818028	61.52%	4.087%
33	11.451	1590	1592	1595	rVV	282821	257488	8.71%	0.579%
34	11.492	1596	1599	1601	rVV2	59161	65702	2.22%	0.148%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.610	1616	1619	1621	rBV	146387	117820	3.99%	0.265%
36	11.674	1627	1630	1634	rVB2	84766	84661	2.86%	0.190%
37	11.710	1634	1636	1640	rBV3	62244	79433	2.69%	0.179%
38	11.880	1662	1665	1667	rBV	273537	220564	7.46%	0.496%
39	11.910	1667	1670	1673	rBV	926517	826827	27.98%	1.859%
40	11.992	1681	1684	1686	rBV2	332701	331383	11.21%	0.745%
41	12.016	1686	1688	1693	rVB	199249	173853	5.88%	0.391%
42	12.174	1713	1715	1717	rBV	210931	171254	5.80%	0.385%
43	12.204	1717	1720	1723	rVB	303581	276695	9.36%	0.622%
44	12.433	1756	1759	1763	rBV2	142724	216782	7.34%	0.487%
45	12.515	1771	1773	1779	rVB	177222	178880	6.05%	0.402%
46	12.598	1783	1787	1790	rVV	2566220	2313563	78.29%	5.201%
47	12.692	1800	1803	1807	rBV2	424961	518212	17.54%	1.165%
48	12.827	1820	1826	1829	rBV	2232069	2407736	81.48%	5.413%
49	12.939	1843	1845	1846	rBV	145410	111655	3.78%	0.251%
50	12.963	1846	1849	1857	rVB	2602137	2558592	86.58%	5.752%
51	13.127	1875	1877	1879	rBV3	165263	168593	5.71%	0.379%
52	13.662	1965	1968	1971	rBV	225359	231748	7.84%	0.521%
53	13.768	1984	1986	1989	rBV2	195405	209484	7.09%	0.471%
54	13.868	2001	2003	2010	rVB2	325634	481155	16.28%	1.082%
55	14.021	2025	2029	2032	rBV2	1329645	1764711	59.72%	3.967%
56	14.051	2032	2034	2037	rVB	1005201	766360	25.93%	1.723%
57	15.074	2203	2208	2211	rBV	913969	1538474	52.06%	3.459%
58	15.374	2256	2259	2265	rVB	559836	744609	25.20%	1.674%
59	15.439	2266	2270	2275	rVV	802949	1144088	38.72%	2.572%
60	15.504	2277	2281	2291	rVB2	795197	1409922	47.71%	3.170%
61	16.974	2527	2531	2539	rVB2	345990	622816	21.08%	1.400%
62	17.421	2602	2607	2615	rVB	234631	483318	16.36%	1.087%

Sum of corrected areas: 44481000

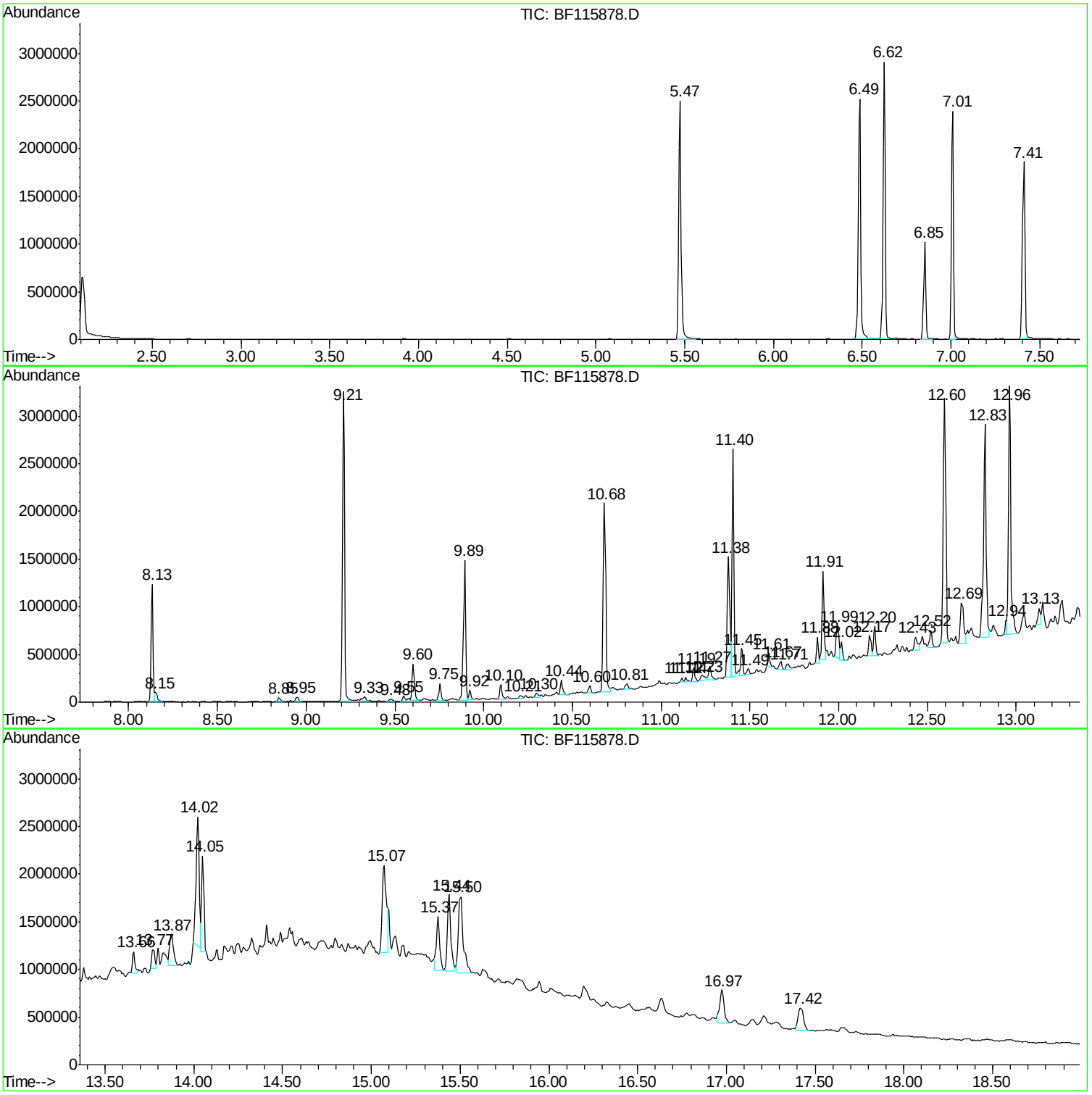
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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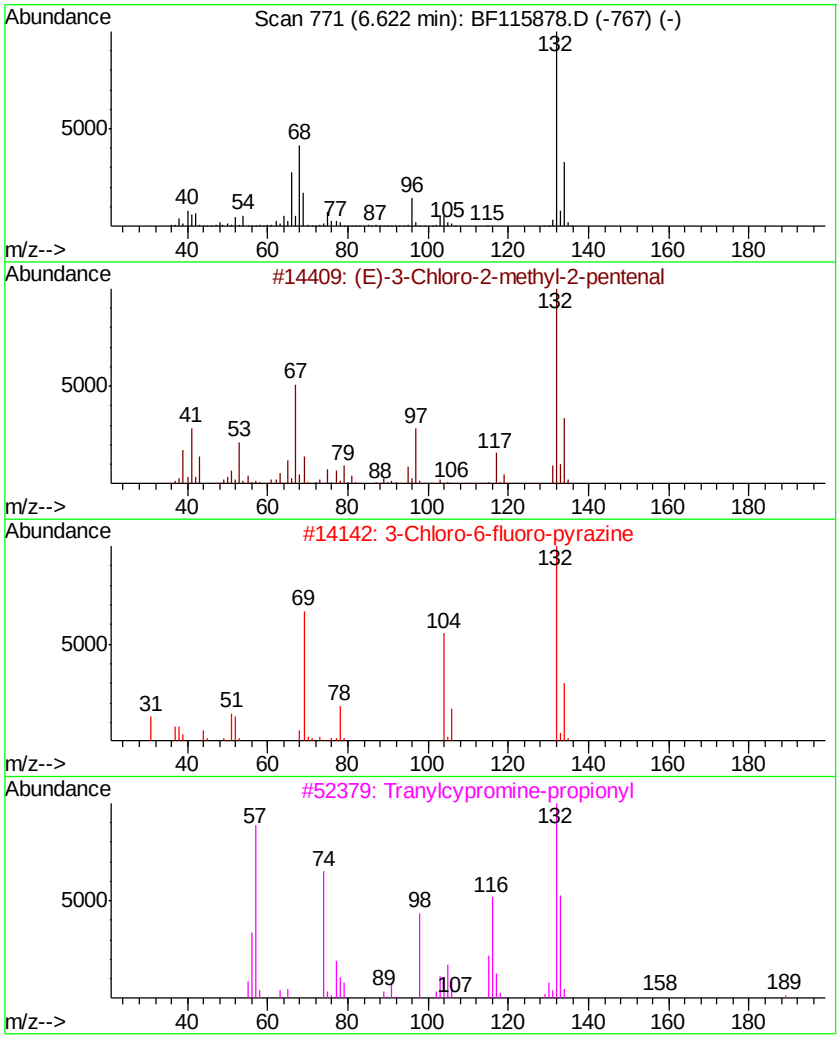
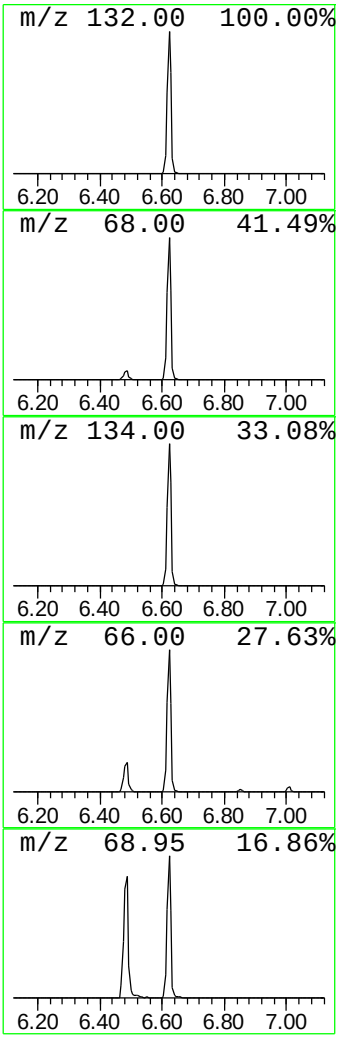
Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.82 ng	2613930	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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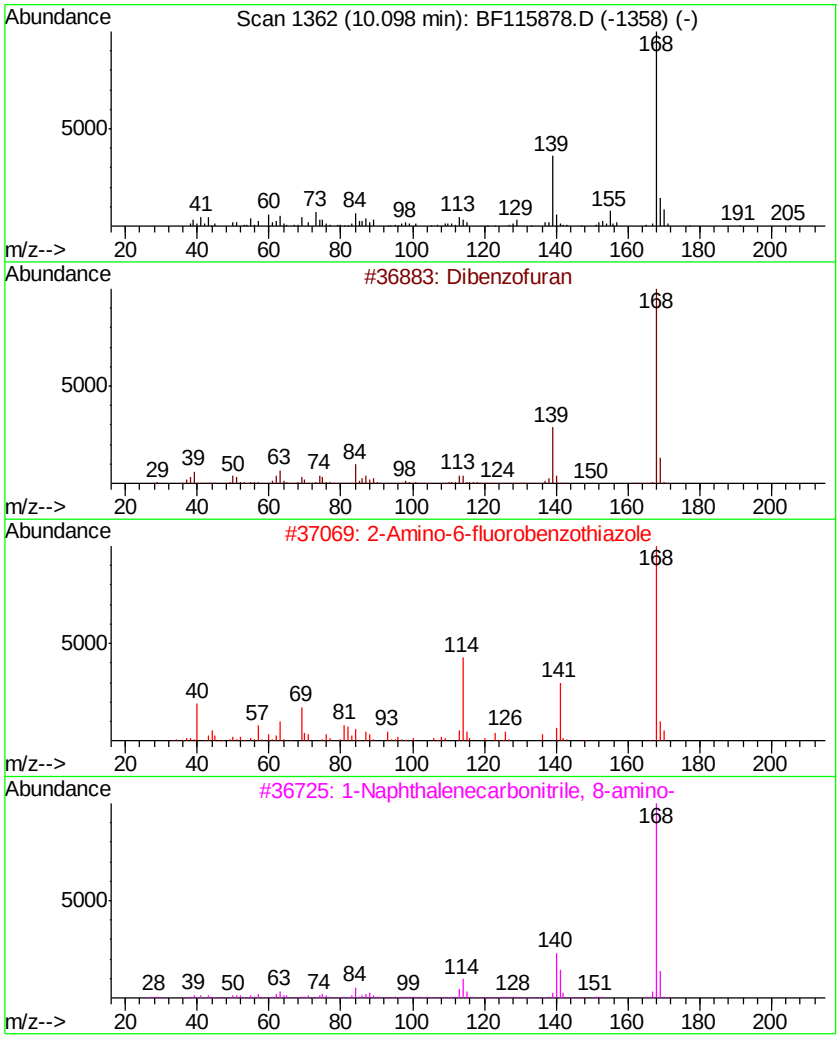
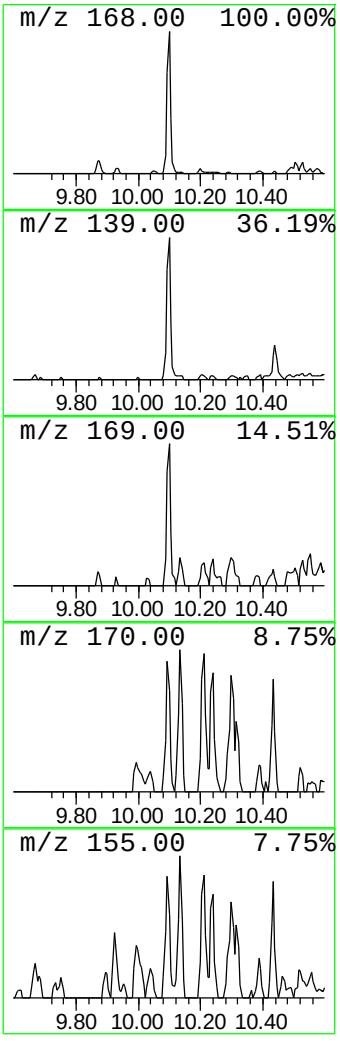
Peak Number 3 2-Amino-6-fluorobenzothiazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.47 ng	154830	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	59
3	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	53
4	Tioxolone	168	C7H4O3S	004991-65-5	53
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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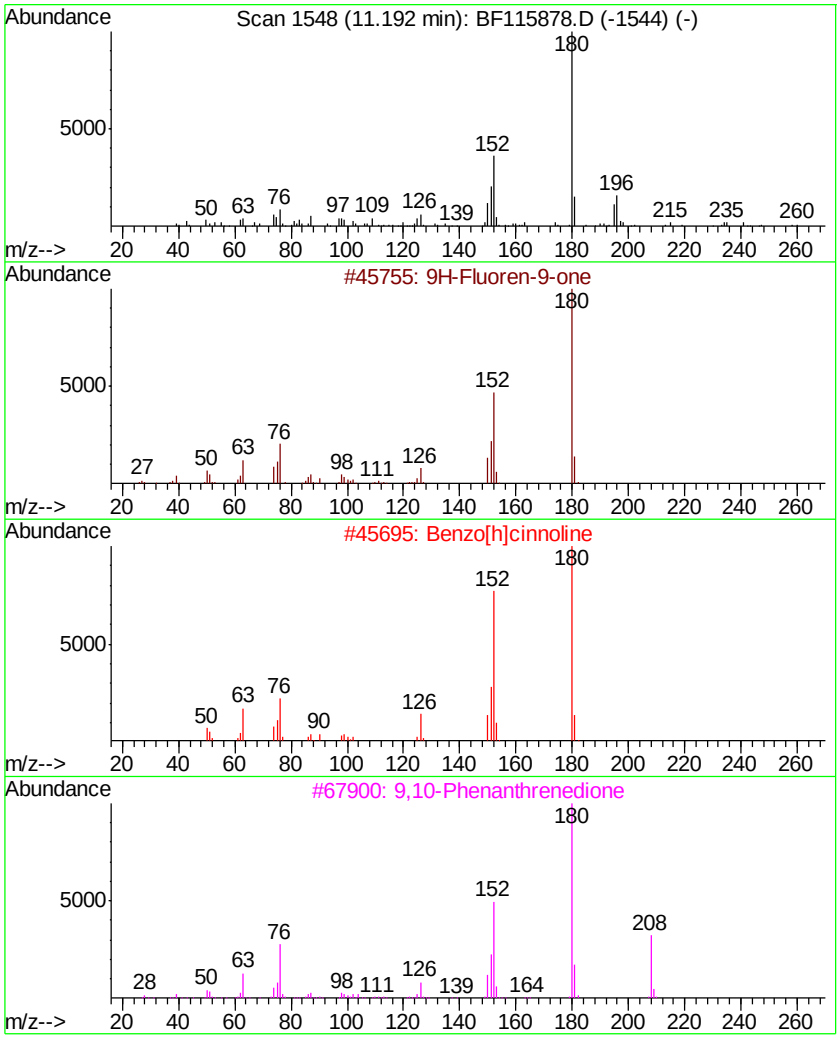
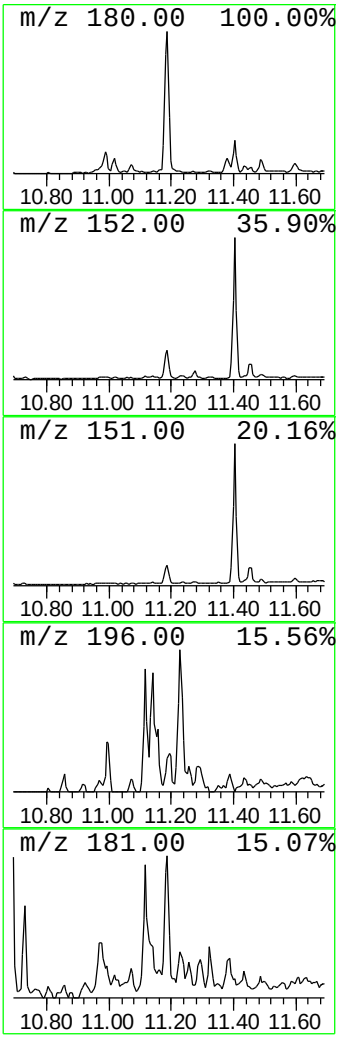
Peak Number 4 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.15 ng	130526	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	Diphenic anhydride	224	C14H8O3	006050-13-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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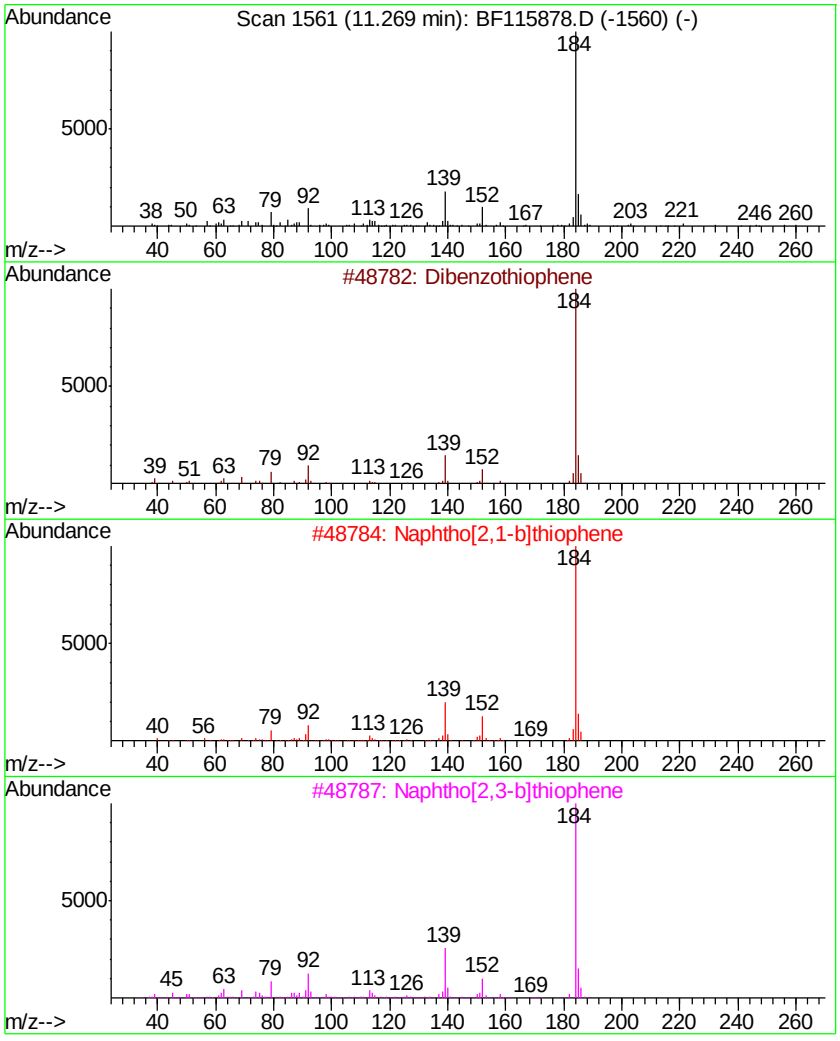
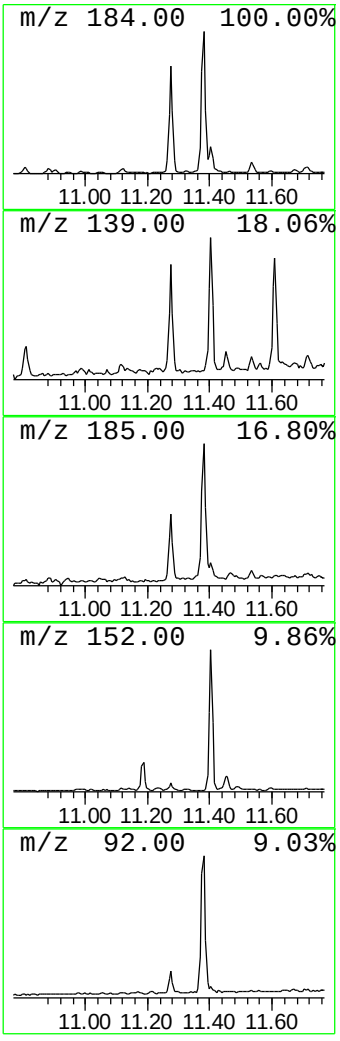
Peak Number 5 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.32 ng	140758	Phenanthrene-d10	11.38

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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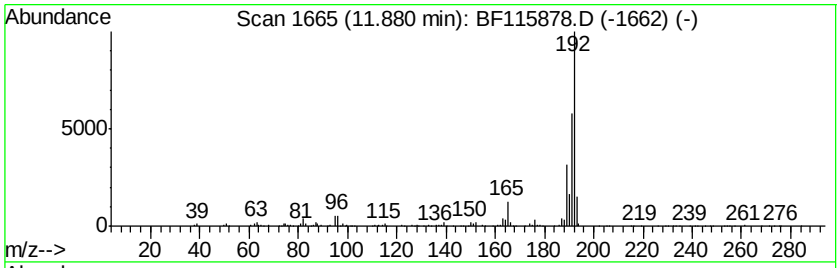
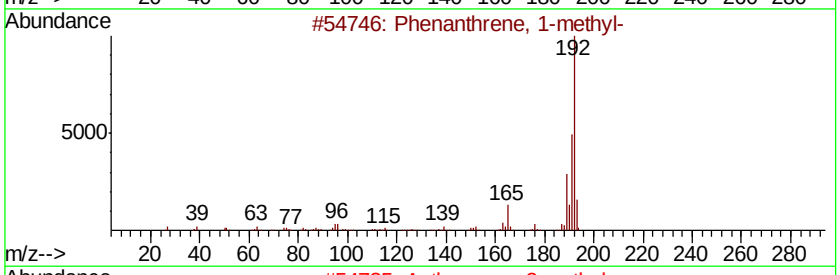
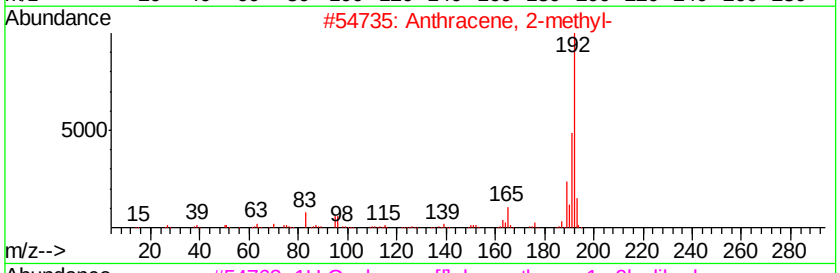
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

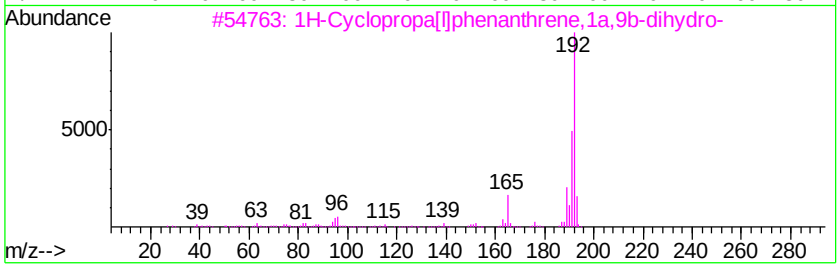
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.63 ng	220564	Phenanthrene-d10	11.38

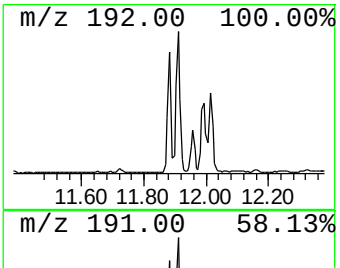
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93

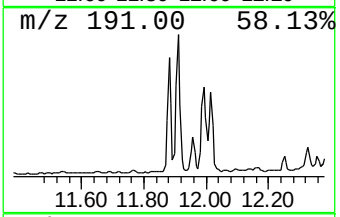


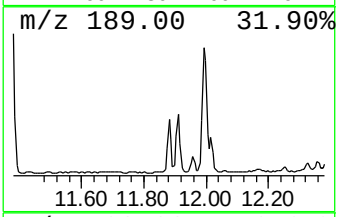


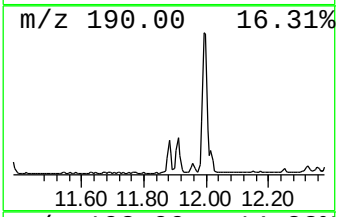


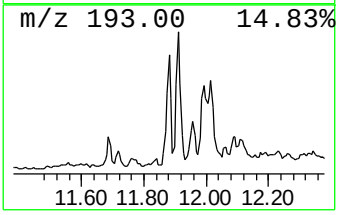












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115878.D
Acq On : 31 Jul 2019 20:46
Operator : HP/JU
Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

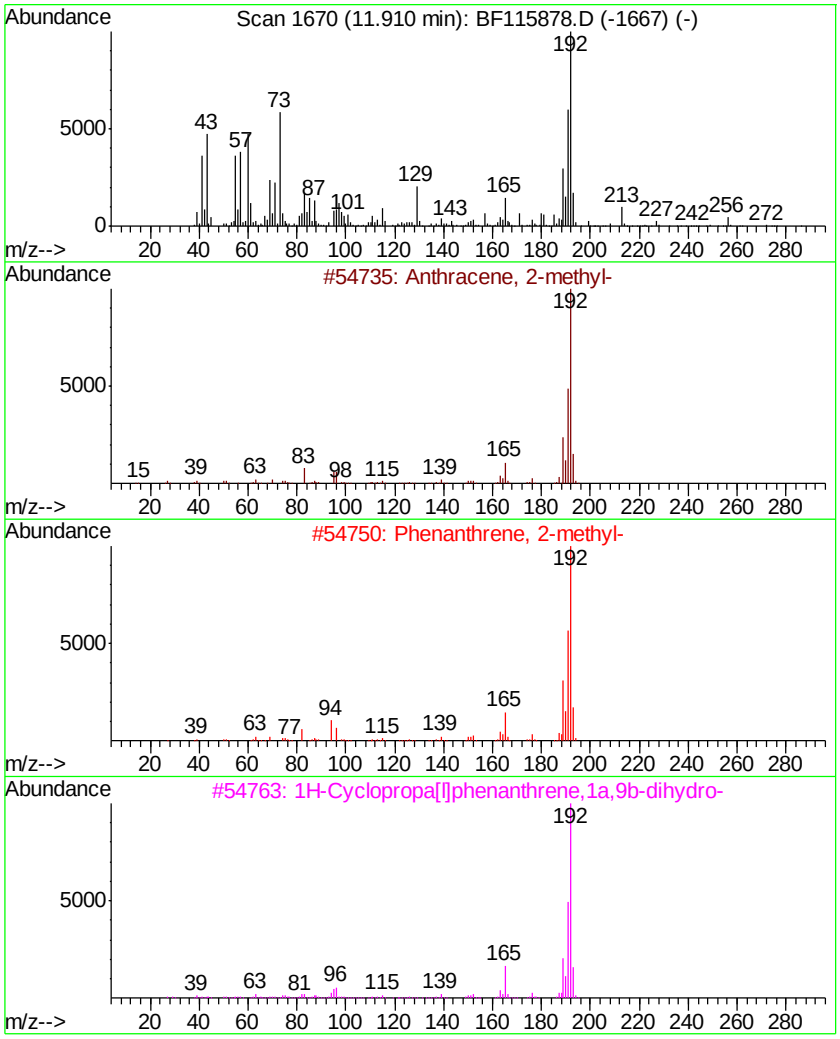
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

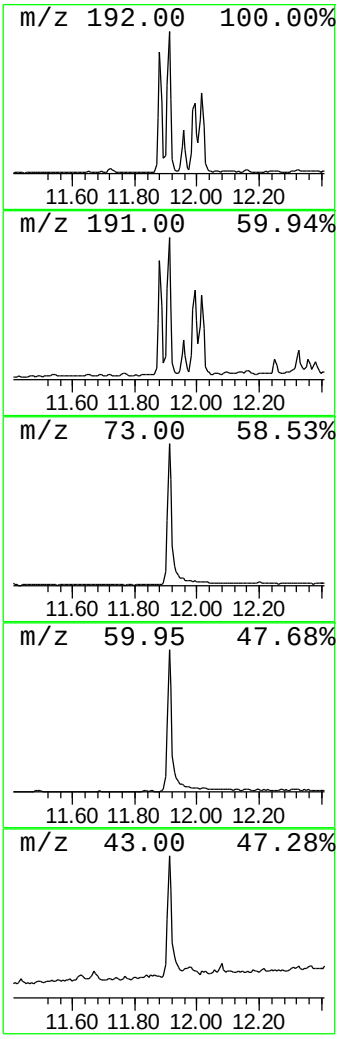
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	13.62 ng	826827	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Sample : K4049-02
Misc :
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Instrument : BNA_F
ClientSampleId : SP-2

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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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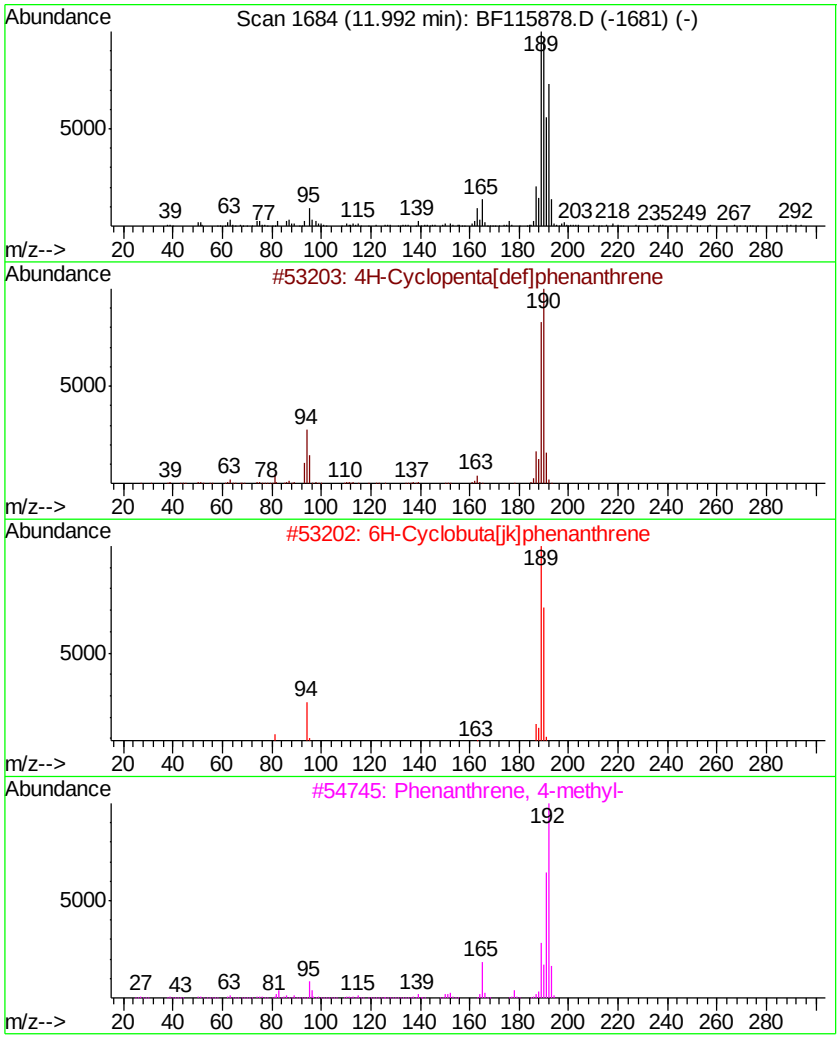
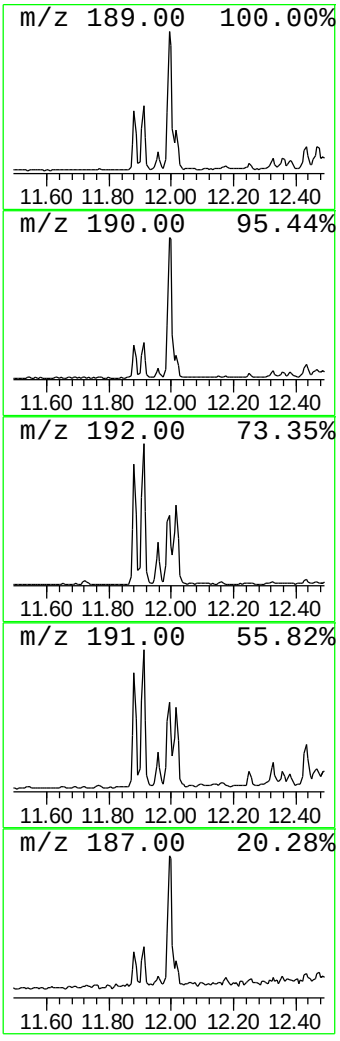
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.46 ng	331383	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SP-2

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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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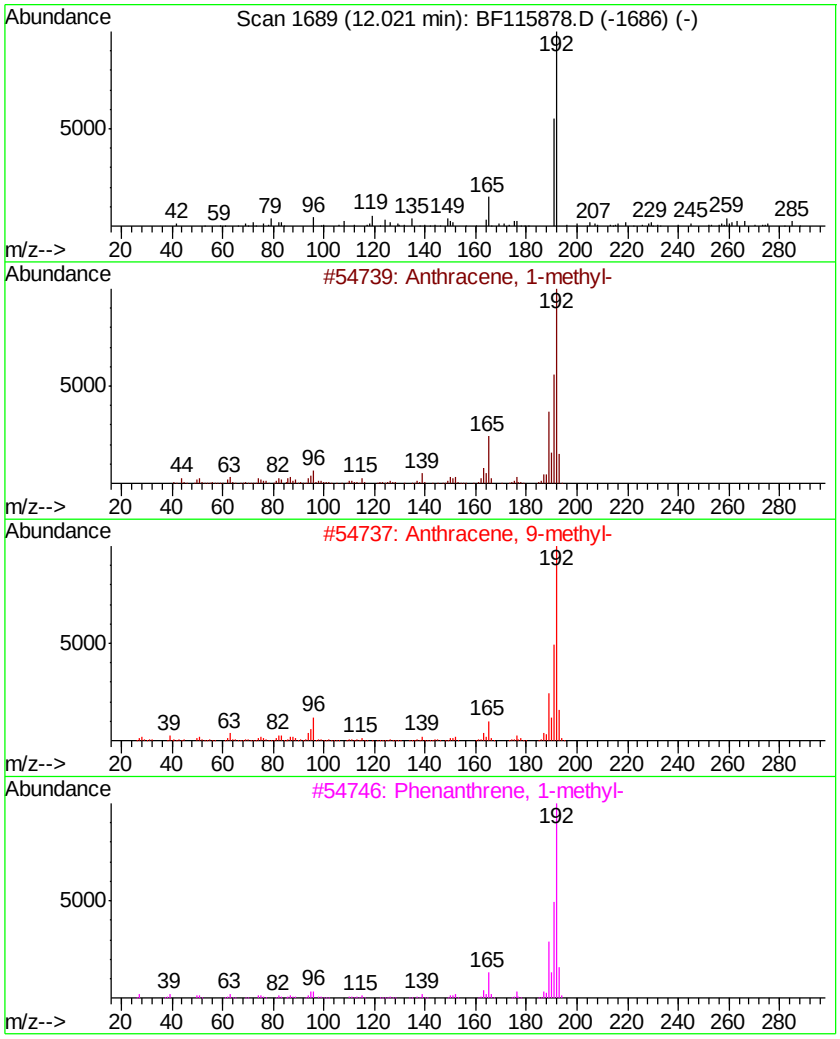
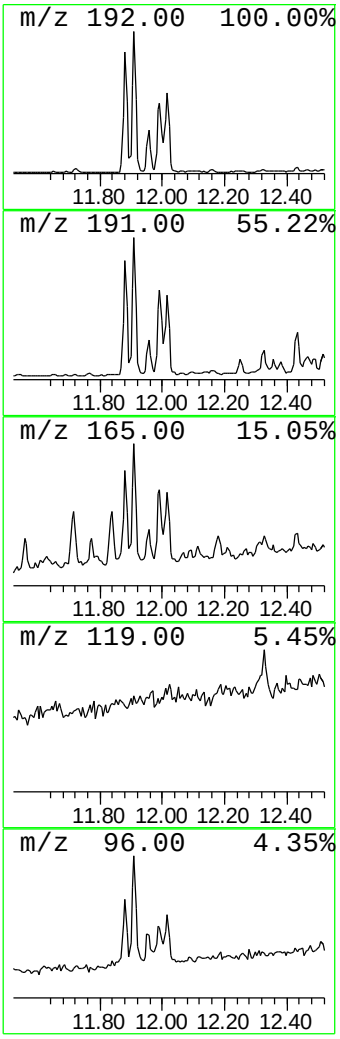
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.86 ng	173853	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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Instrument : BNA_F
ClientSampleId : SP-2

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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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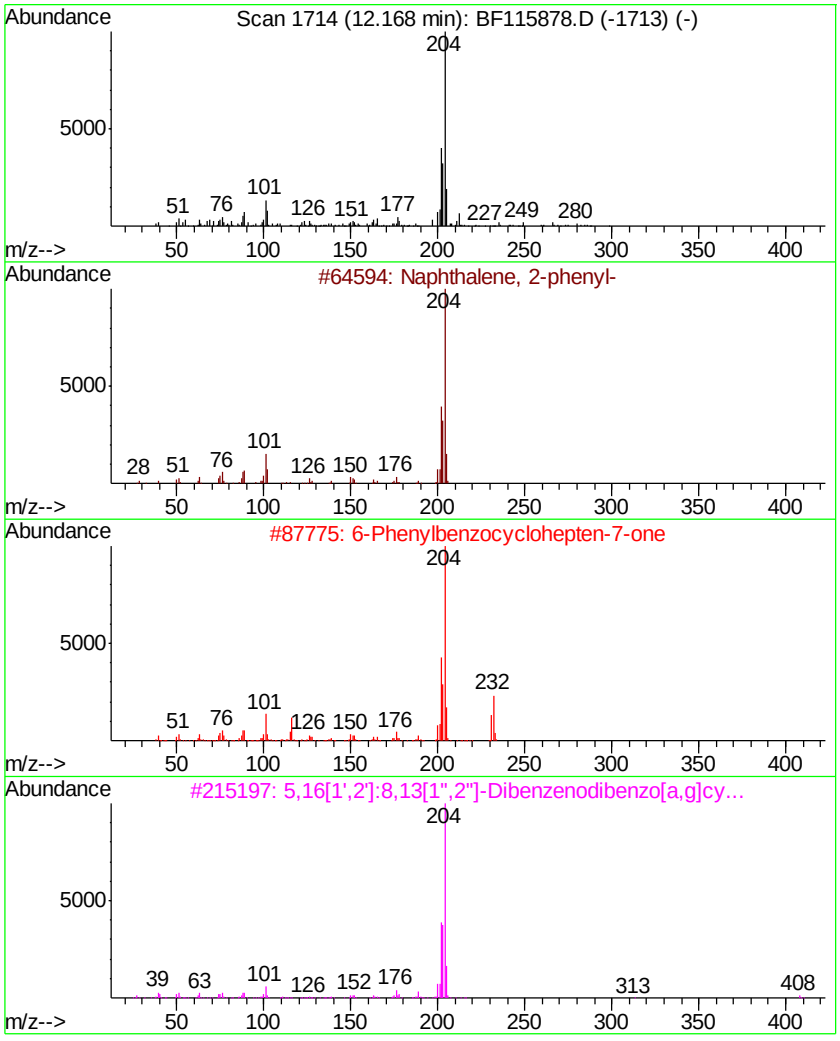
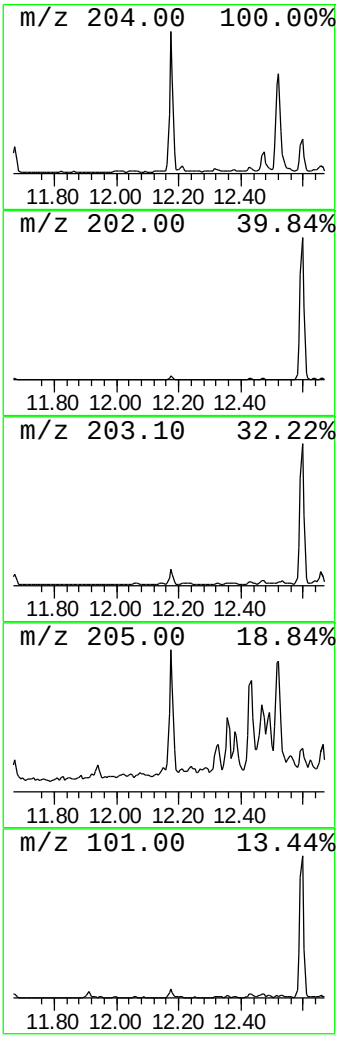
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.82 ng	171254	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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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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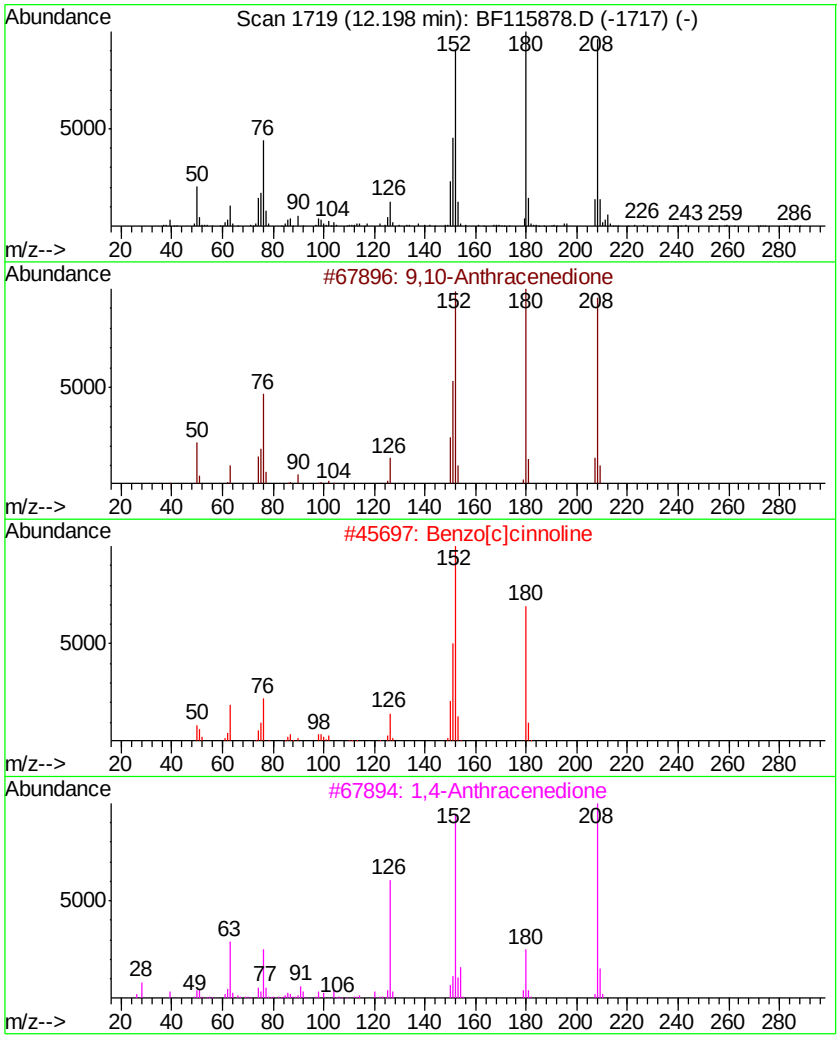
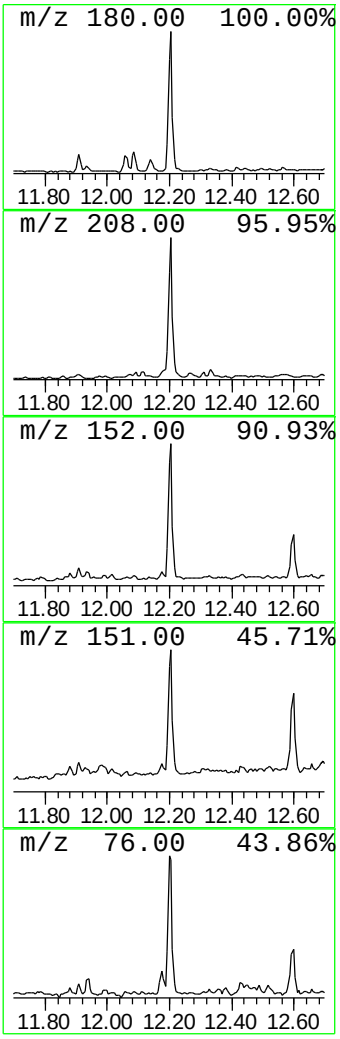
Peak Number 11 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.56 ng	276695	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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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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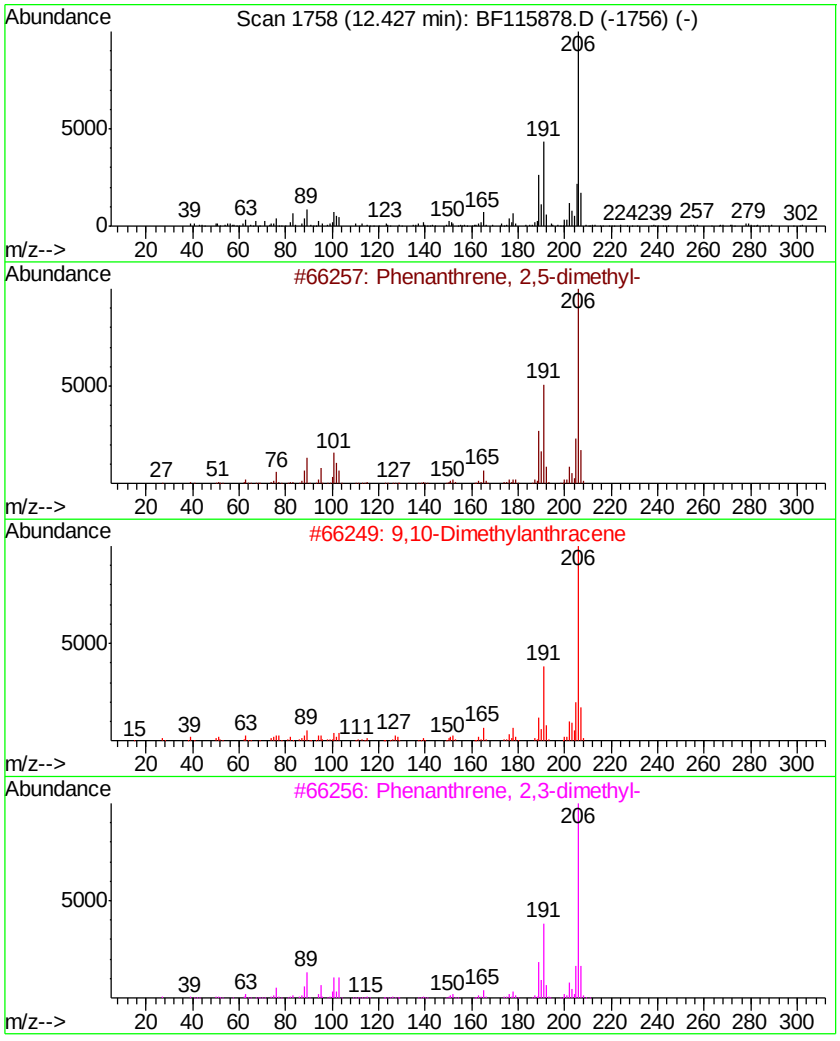
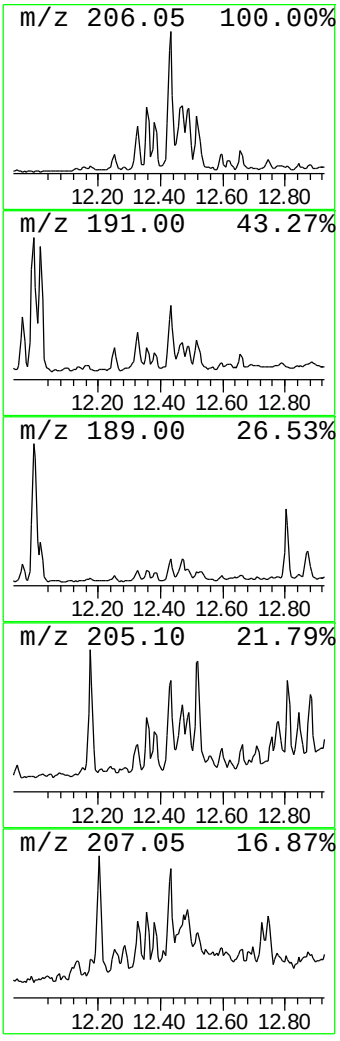
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.57 ng	216782	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Instrument : BNA_F
ClientSampleId : SP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

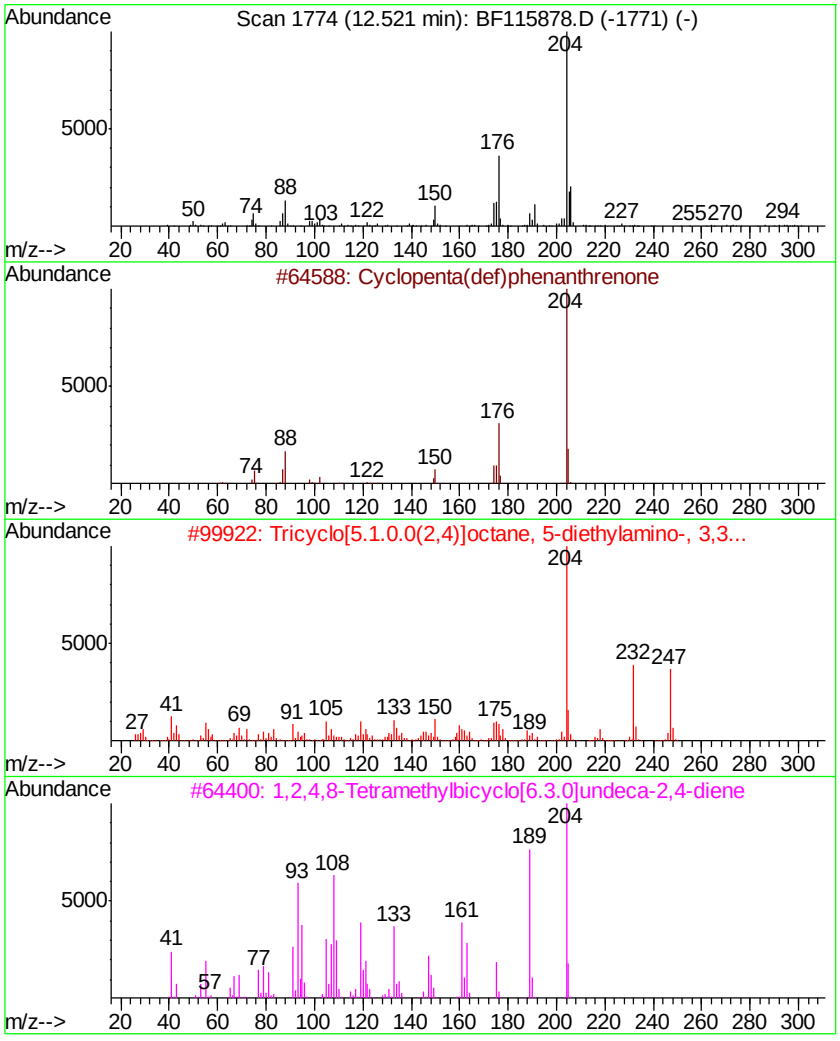
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

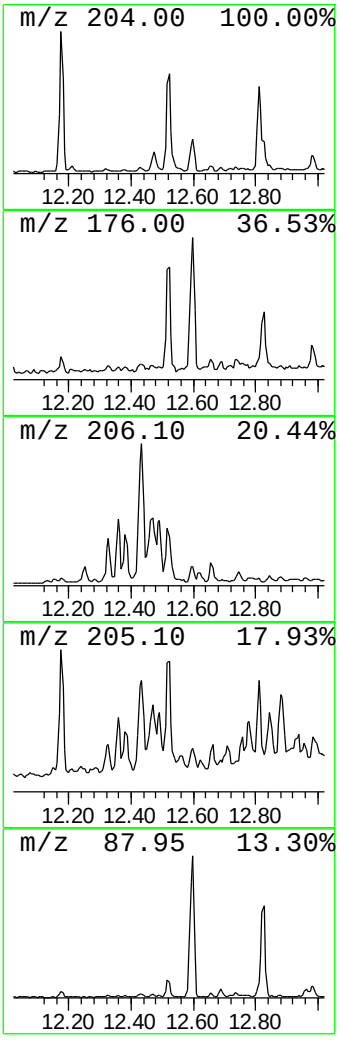
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.95 ng	178880	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43





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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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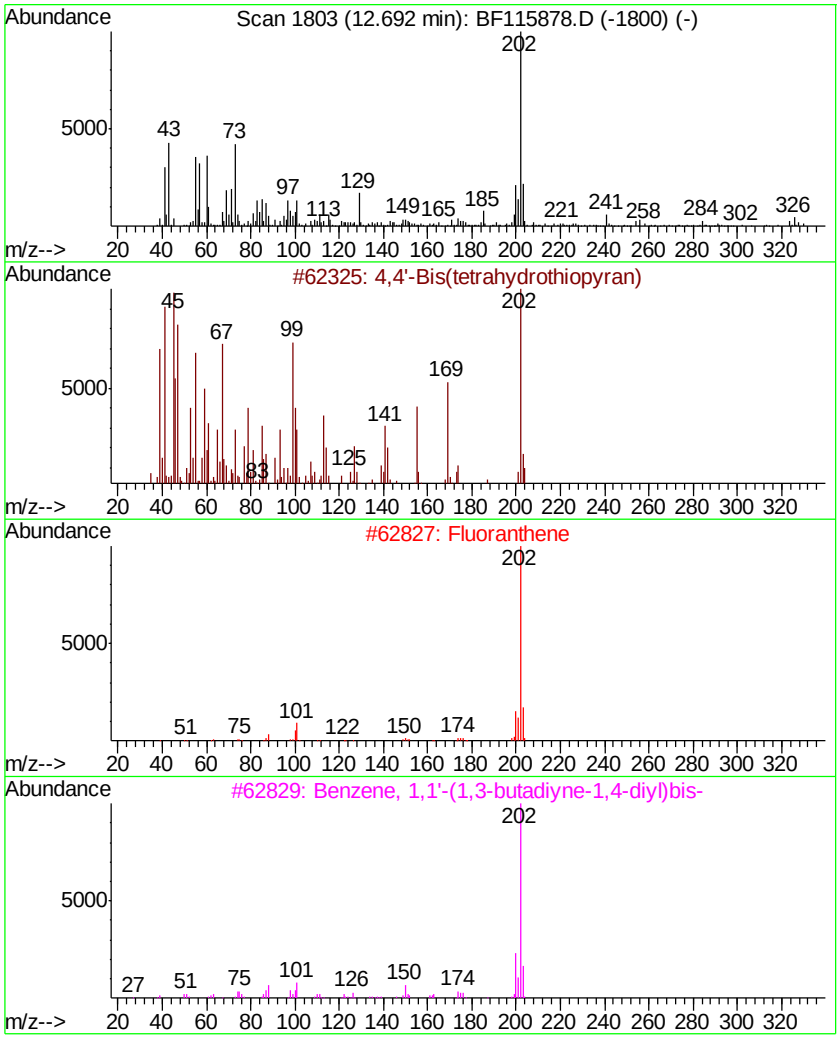
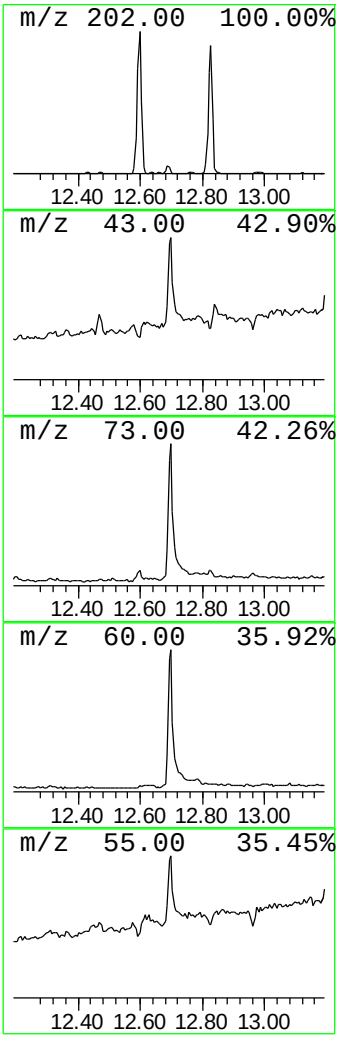
Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	8.54 ng	518212	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
2	Fluoranthene	202	C16H10	000206-44-0	70
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	Pyrene	202	C16H10	000129-00-0	58
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	45





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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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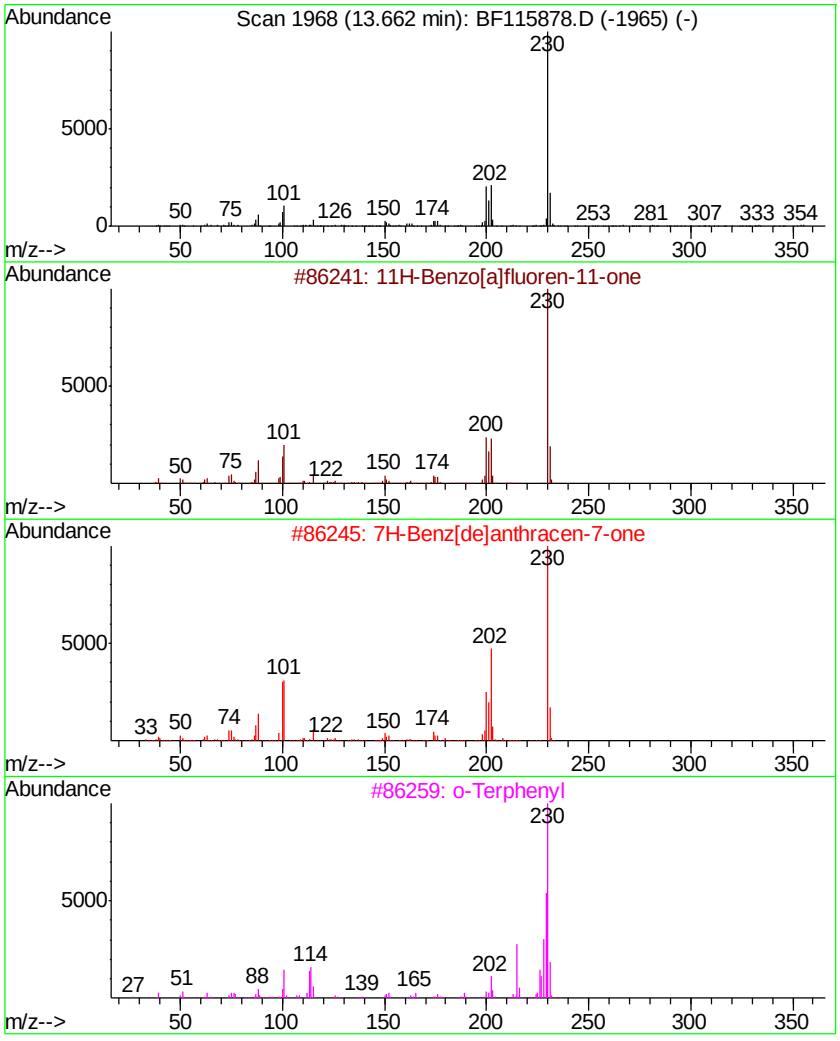
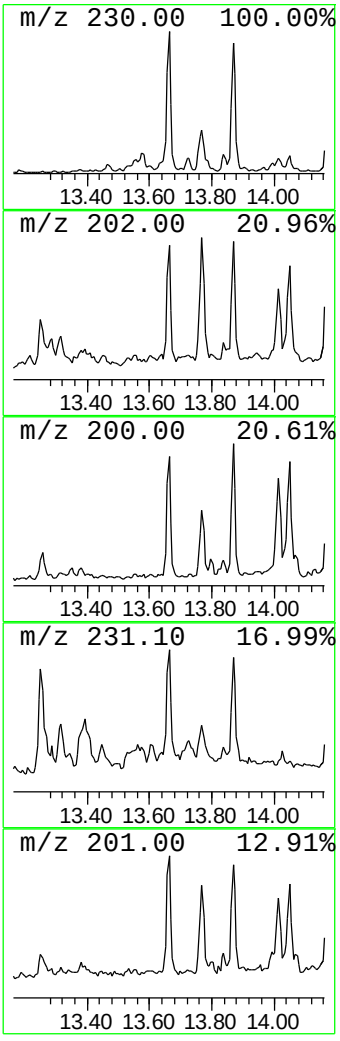
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.63 ng	231748	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	58
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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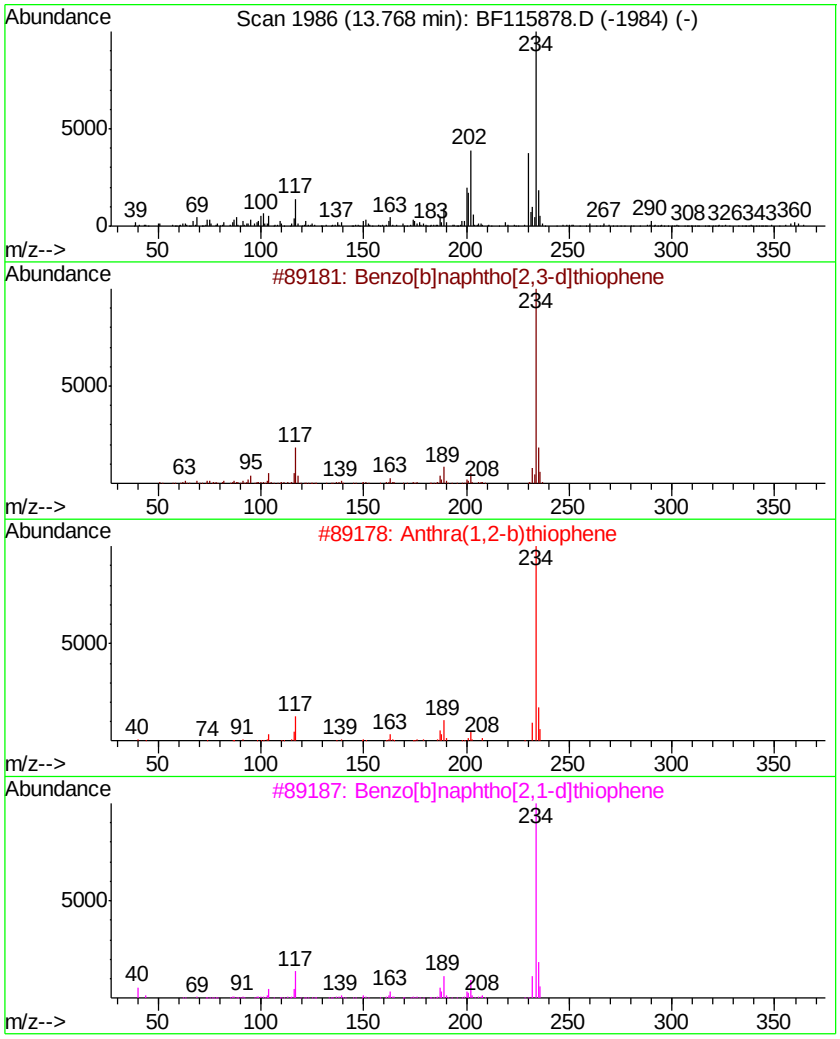
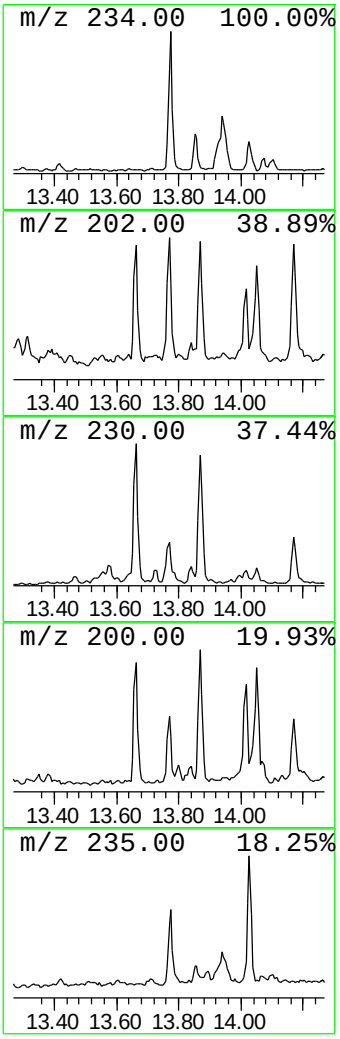
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.37 ng	209484	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	70
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	45
5	Acetamide, N-cyclohexyl-2-(1-met...	360	C23H24N2O2	1000316-07-5	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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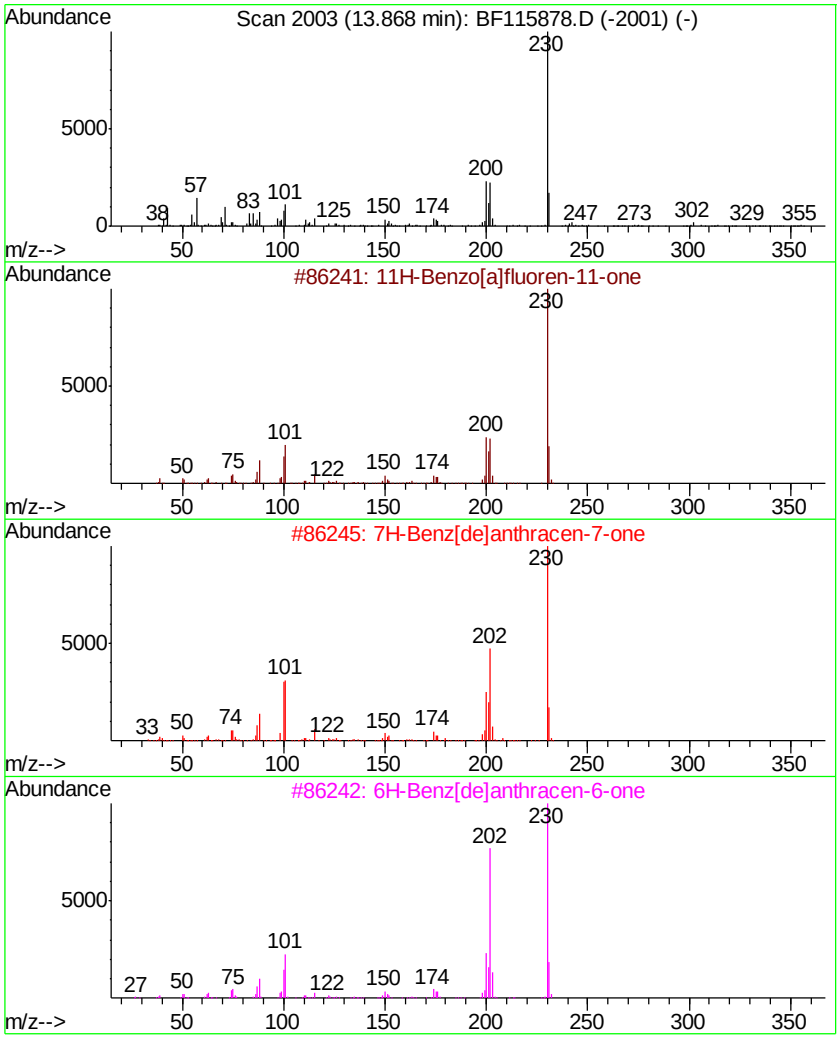
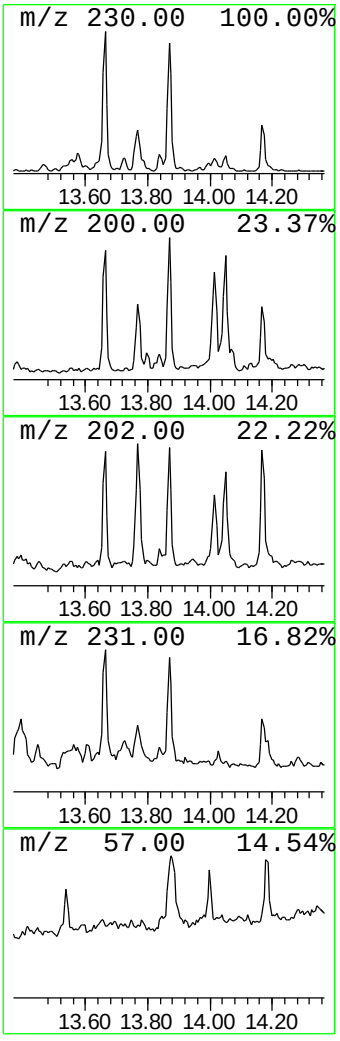
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	5.45 ng	481155	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50





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

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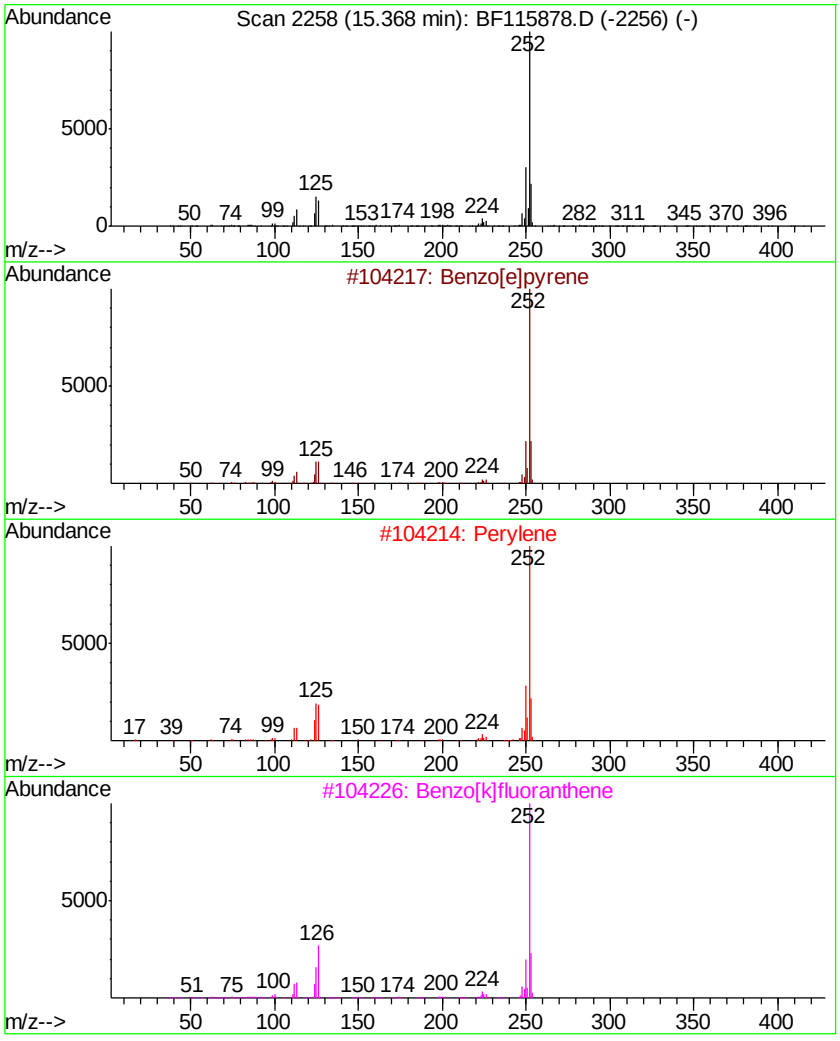
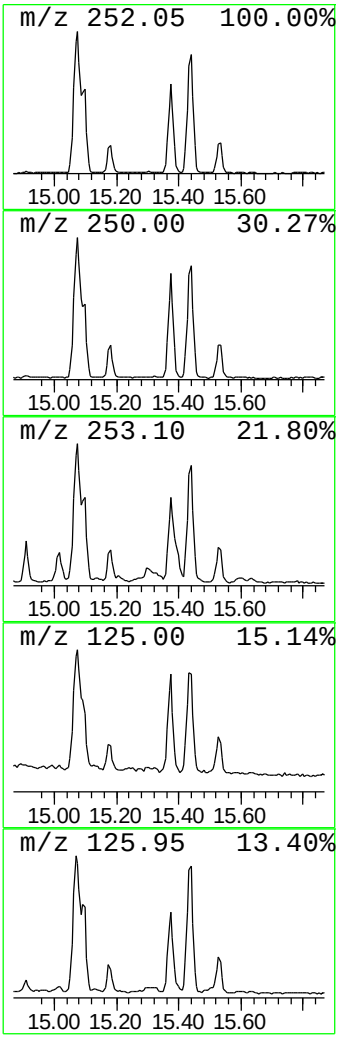
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	10.56 ng	744609	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

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Sample : K4049-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.62	6.62	62.8	ng	2613930	1	6.85	832156	20.0
2-Amino-6-fluorob...	10.10	2.5	ng	154830	3	9.89	1254540	20.0
9H-Fluoren-9-one	11.19	2.1	ng	130526	4	11.38	1214090	20.0
Dibenzothiophene	11.27	2.3	ng	140758	4	11.38	1214090	20.0
Phenanthrene, 1-m...	11.88	3.6	ng	220564	4	11.38	1214090	20.0
Anthracene, 2-met...	11.91	13.6	ng	826827	4	11.38	1214090	20.0
4H-Cyclopenta[def...	11.99	5.5	ng	331383	4	11.38	1214090	20.0
Anthracene, 1-met...	12.02	2.9	ng	173853	4	11.38	1214090	20.0
Naphthalene, 2-ph...	12.17	2.8	ng	171254	4	11.38	1214090	20.0
9,10-Anthracenedione	12.20	4.6	ng	276695	4	11.38	1214090	20.0
Phenanthrene, 2,5...	12.43	3.6	ng	216782	4	11.38	1214090	20.0
Cyclopenta(def)ph...	12.52	3.0	ng	178880	4	11.38	1214090	20.0
4,4'-Bis(tetrahyd...	12.69	8.5	ng	518212	4	11.38	1214090	20.0
11H-Benzo[a]fluor...	13.66	2.6	ng	231748	5	14.03	1764710	20.0
Benzo[b]naphtho[2...	13.77	2.4	ng	209484	5	14.03	1764710	20.0
7H-Benz[de]anthra...	13.87	5.5	ng	481155	5	14.03	1764710	20.0
Benzo[e]pyrene	15.37	10.6	ng	744609	6	15.50	1409920	20.0