LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112828.D
Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

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-BF022719.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	5.351	551	555	567	rBV	1724832	1609519	59.74%	4.473%
2	6.375	725	729	741	rBV	1951943	1694280	62.88%	4.709%
3	6.510	748	752	756	rBV	1892493	1726082	64.06%	4.797%
4	6.745	789	792	796	rBV	1042269	856871	31.80%	2.382%
5	6.904	815	819	822	rBV	1586145	1340818	49.76%	3.727%
6	7.298	883	886	895	rBV	999099	990150	36.75%	2.752%
7	8.028	1006	1010	1026	rBV	1076478	1037189	38.49%	2.883%
8	9.098	1189	1192	1206	rBV	1740560	1696004	62.95%	4.714%
9	9.492	1256	1259	1265	rVV	94793	88535	3.29%	0.246%
10	9.633	1280	1283	1286	rBV	50052	45049	1.67%	0.125%
11	9.775	1303	1307	1311	rBV	1118187	1006349	37.35%	2.797%
12	9.804	1311	1312	1317	rVB	102471	92171	3.42%	0.256%
13	9.980	1339	1342	1346	rBV	64341	62183	2.31%	0.173%
14	10.322	1397	1400	1405	rBV	93994	94826	3.52%	0.264%
15	10.386	1406	1411	1413	rBV4	21983	28085	1.04%	0.078%
16	10.480	1425	1427	1432	rVB	34108	36341	1.35%	0.101%
17	10.557	1436	1440	1447	rBV	1106754	1066344	39.58%	2.964%
18	10.704	1460	1465	1470	rVB3	41391	70796	2.63%	0.197%
19	11.057	1522	1525	1531	rVB	78600	76072	2.82%	0.211%
20	11.110	1531	1534	1537	rBV2	30318	43112	1.60%	0.120%
21	11.151	1538	1541	1542	rVV	78531	74169	2.75%	0.206%
22	11.169	1542	1544	1548	rVB	71984	65676	2.44%	0.183%
23	11.257	1555	1559	1561	rBV	1085656	1175487	43.63%	3.267%
24	11.280	1561	1563	1567	rVV	1294790	1067940	39.64%	2.968%
25	11.327	1568	1571	1575	rVV	279099	248744	9.23%	0.691%
26	11.363	1575	1577	1582	rVV3	32247	31745	1.18%	0.088%
27	11.480	1592	1597	1600	rBV2	138201	148980	5.53%	0.414%
28	11.551	1607	1609	1612	rVB2	31989	28461	1.06%	0.079%
29	11.586	1613	1615	1618	rVB2	38695	27871	1.03%	0.077%
30	11.663	1626	1628	1634	rVB2	40134	44125	1.64%	0.123%
31	11.757	1640	1644	1646	rVV	193415	189311	7.03%	0.526%
32	11.786	1646	1649	1653	rVV2	377671	398715	14.80%	1.108%
33	11.827	1653	1656	1659	rVV	100435	96602	3.59%	0.268%
34	11.863	1659	1662	1665	rVV	284764	335742	12.46%	0.933%

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Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.886	1665	1666	1671	rVB	148436	102582	3.81%	0.285%
36	12.051	1691	1694	1695	rBV	136509	113632	4.22%	0.316%
37	12.068	1695	1697	1702	rVB	139214	123682	4.59%	0.344%
38	12.198	1717	1719	1722	rBV2	52089	41806	1.55%	0.116%
39	12.233	1722	1725	1726	rVV	37920	29679	1.10%	0.082%
40	12.251	1726	1728	1732	rVB2	58491	50924	1.89%	0.142%
41	12.304	1734	1737	1740	rBV	129652	159469	5.92%	0.443%
42	12.339	1741	1743	1745	rVV	118960	108712	4.03%	0.302%
43	12.363	1745	1747	1749	rVV	120386	97027	3.60%	0.270%
44	12.386	1749	1751	1756	rVB2	134806	142704	5.30%	0.397%
45	12.463	1760	1764	1768	rBV	2298053	2045721	75.93%	5.686%
46	12.574	1781	1783	1784	rBV	44073	34025	1.26%	0.095%
47	12.610	1787	1789	1793	rVB	72192	65393	2.43%	0.182%
48	12.692	1797	1803	1806	rBV	1949162	2184422	81.07%	6.071%
49	12.739	1808	1811	1816	rVB2	96975	130513	4.84%	0.363%
50	12.810	1820	1823	1824	rBV	135246	108165	4.01%	0.301%
51	12.833	1824	1827	1834	rVB	2067757	1898371	70.46%	5.276%
52	12.910	1835	1840	1843	rBV2	155561	244453	9.07%	0.679%
53	12.998	1852	1855	1856	rBV2	104397	122379	4.54%	0.340%
54	13.015	1856	1858	1861	rVB	274355	241514	8.96%	0.671%
55	13.080	1867	1869	1872	rBV	148000	133557	4.96%	0.371%
56	13.121	1872	1876	1878	rBV	275783	246225	9.14%	0.684%
57	13.210	1889	1891	1894	rVB	122501	101888	3.78%	0.283%
58	13.245	1894	1897	1901	rBV2	130124	139420	5.17%	0.388%
59	13.521	1941	1944	1948	rVB	244865	248725	9.23%	0.691%
60	13.633	1959	1963	1965	rBV2	211985	272727	10.12%	0.758%
61	13.663	1965	1968	1970	rVV	204782	195974	7.27%	0.545%
62	13.686	1970	1972	1976	rVV2	141065	214723	7.97%	0.597%
63	13.727	1976	1979	1986	rVB	250910	346213	12.85%	0.962%
64	13.880	1998	2005	2008	rBV3	1848664	2694363	100.00%	7.489%
65	13.910	2008	2010	2013	rVB	1084972	804811	29.87%	2.237%
66	13.986	2021	2023	2026	rVB	142244	109077	4.05%	0.303%
67	14.068	2034	2037	2039	rVB2	147735	132308	4.91%	0.368%
68	14.104	2040	2043	2047	rBV2	120619	151860	5.64%	0.422%
69	14.268	2069	2071	2074	rVB	195635	157523	5.85%	0.438%
70	14.304	2074	2077	2080	rVB	124422	109414	4.06%	0.304%
71	14.668	2136	2139	2145	rVB2	169664	256097	9.50%	0.712%

LSC Area Percent Report

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Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.898	2174	2178	2181	rBV	787008	1215724	45.12%	3.379%
73	15.180	2222	2226	2231	rVB	433835	519275	19.27%	1.443%
74	15.239	2232	2236	2241	rVB	599513	668987	24.83%	1.859%
75	15.298	2242	2246	2249	rBV	671094	803887	29.84%	2.234%
76	16.662	2474	2478	2487	rVB2	260168	480205	17.82%	1.335%
77	17.068	2544	2547	2556	rVB	186671	336620	12.49%	0.936%

Sum of corrected areas: 35979120

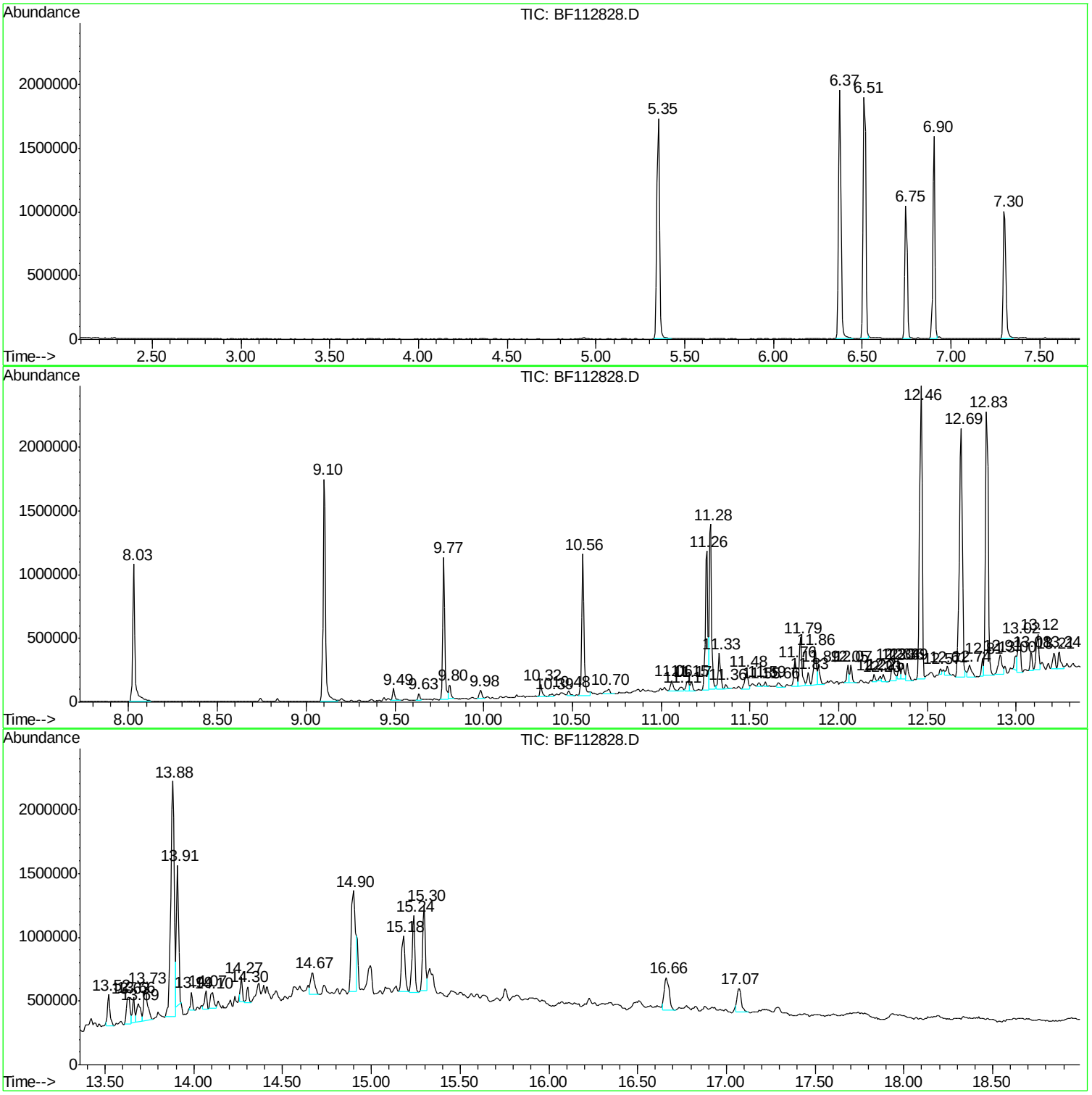
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112828.D
Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030419\
Data File : BF112828.D
Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

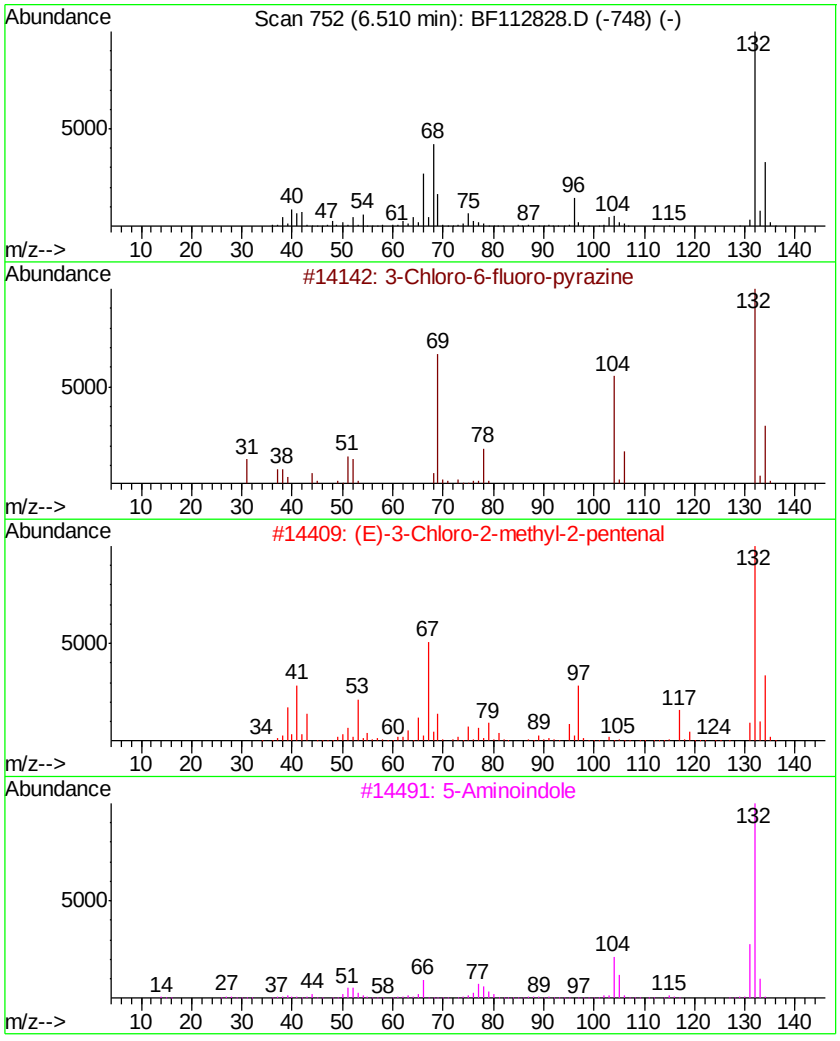
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

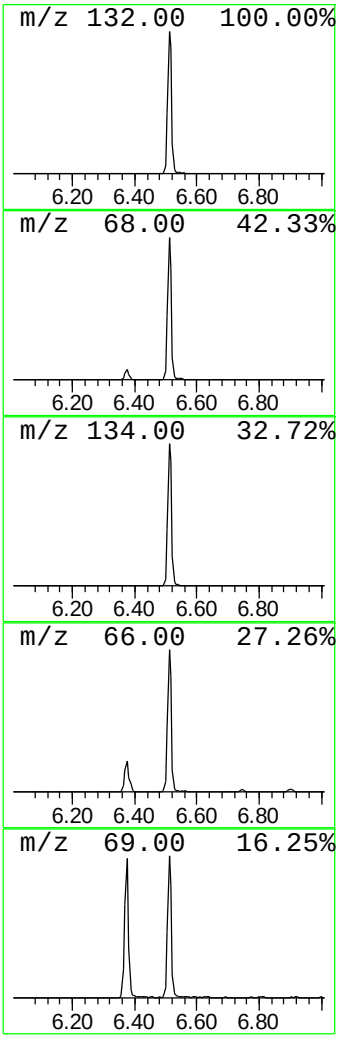
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	40.29 ng	1726080	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112828.D
Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

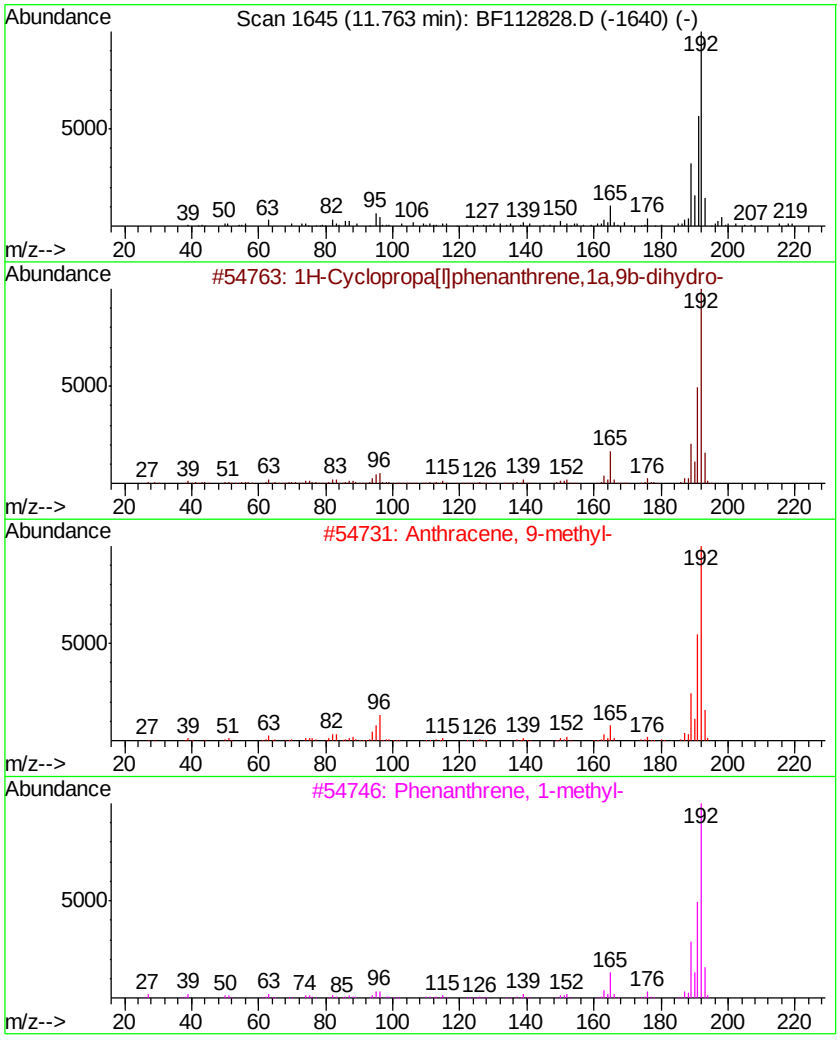
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

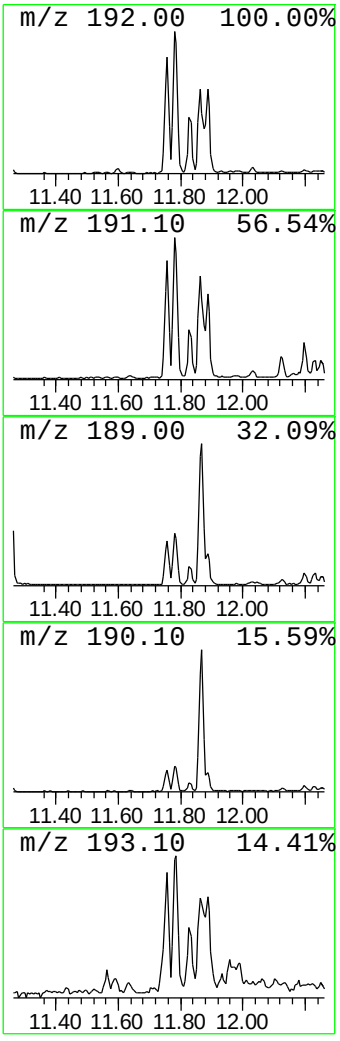
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.22 ng	189311	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112828.D
Acq On : 4 Mar 2019 17:01
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Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

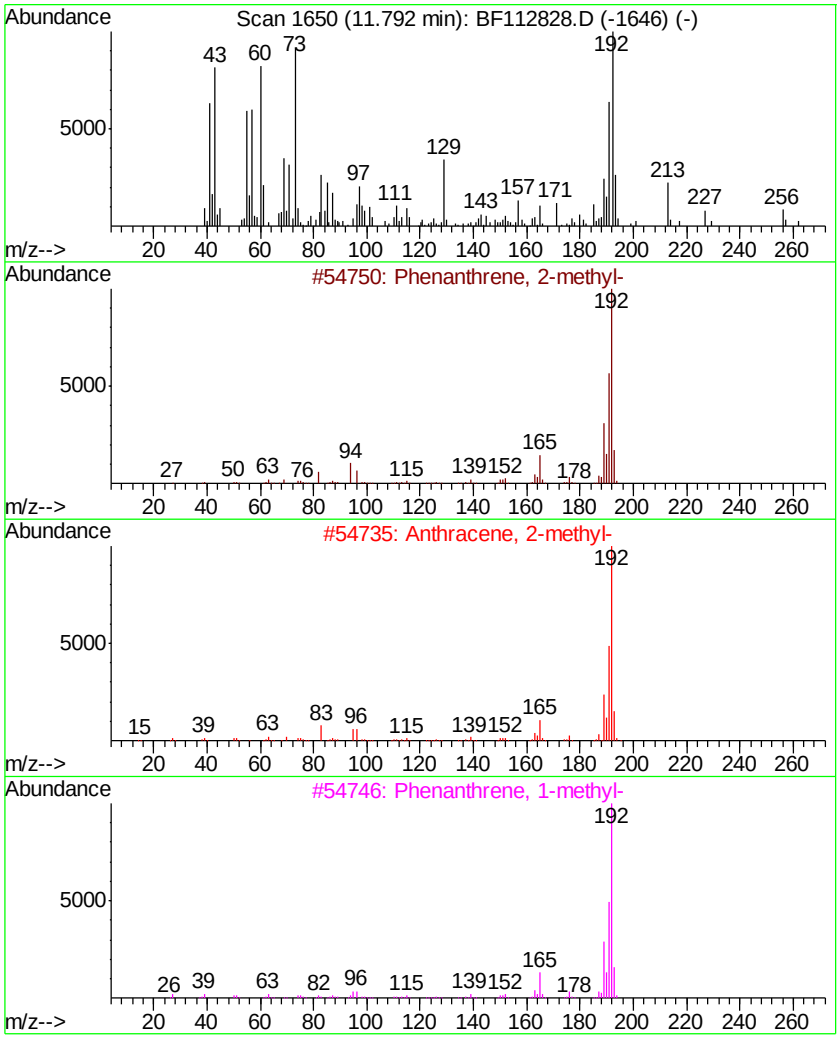
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

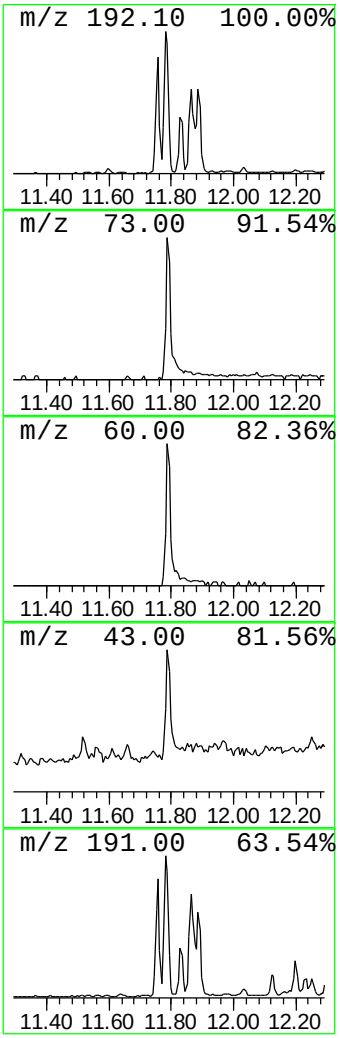
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.78 ng	398715	Phenanthrene-d10	11.26

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





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Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

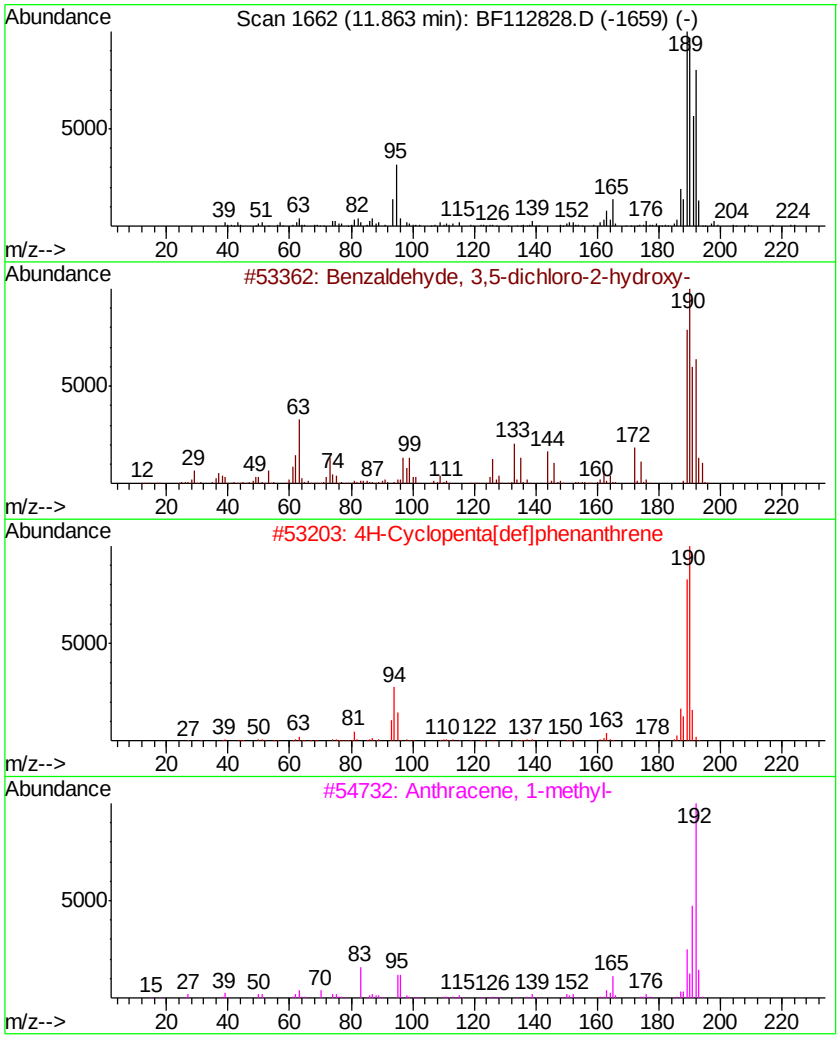
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

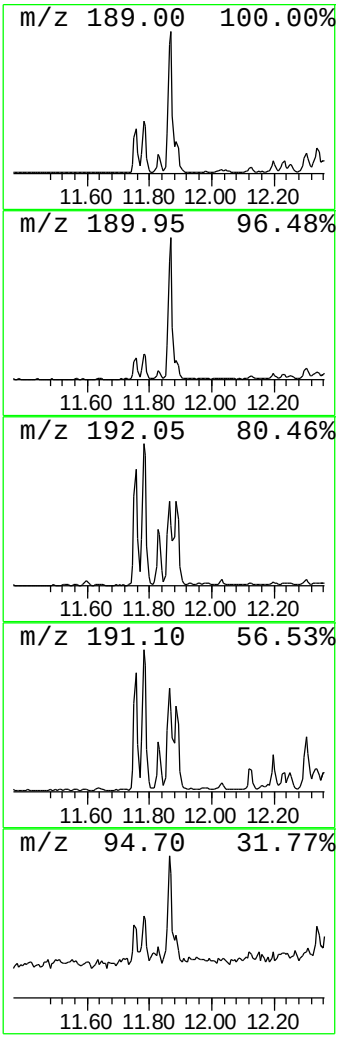
****

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.71 ng	335742	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112828.D
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Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

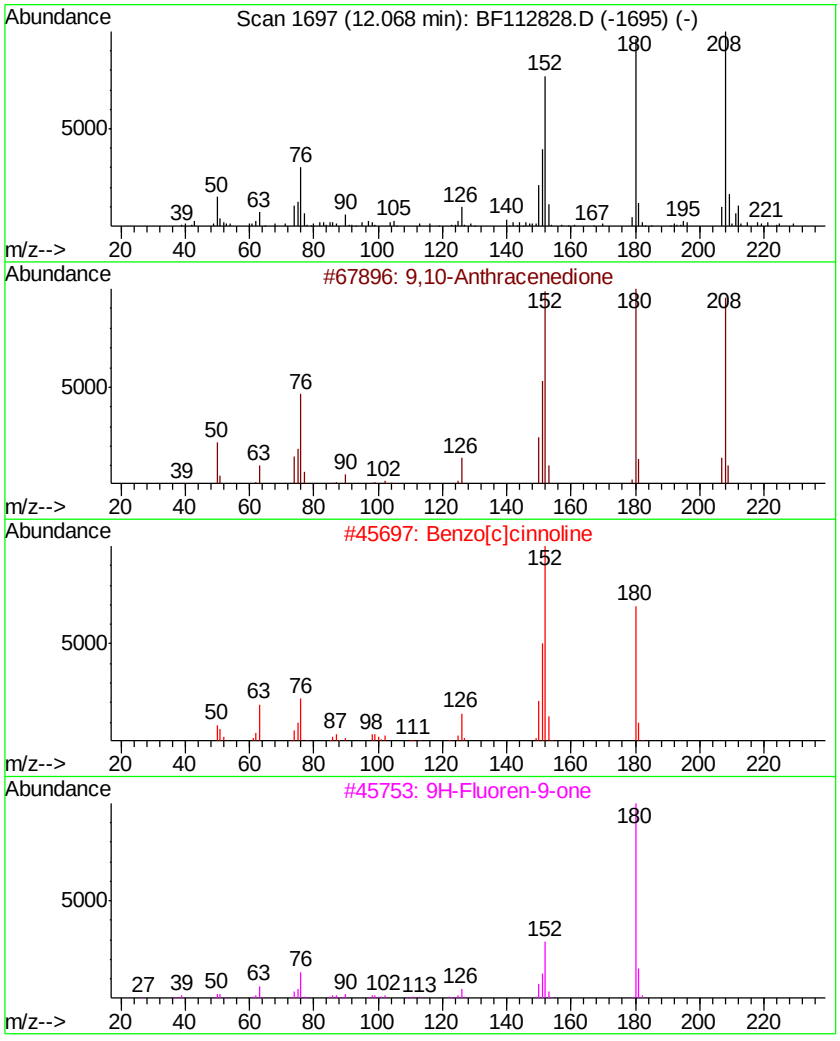
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

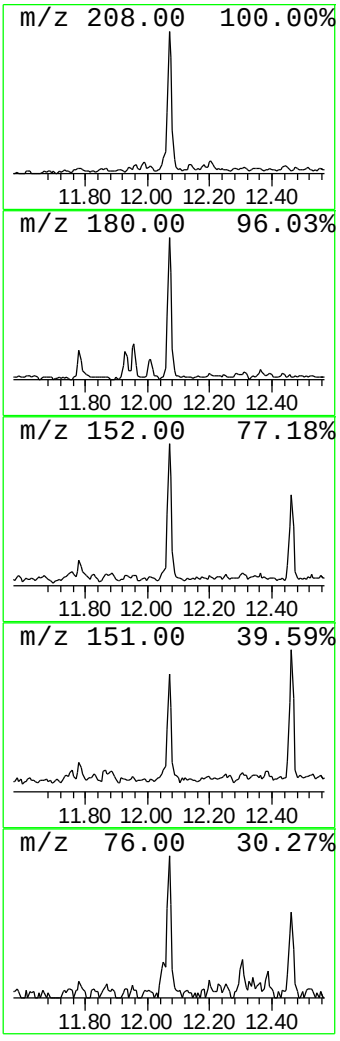
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.10 ng	123682	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112828.D
Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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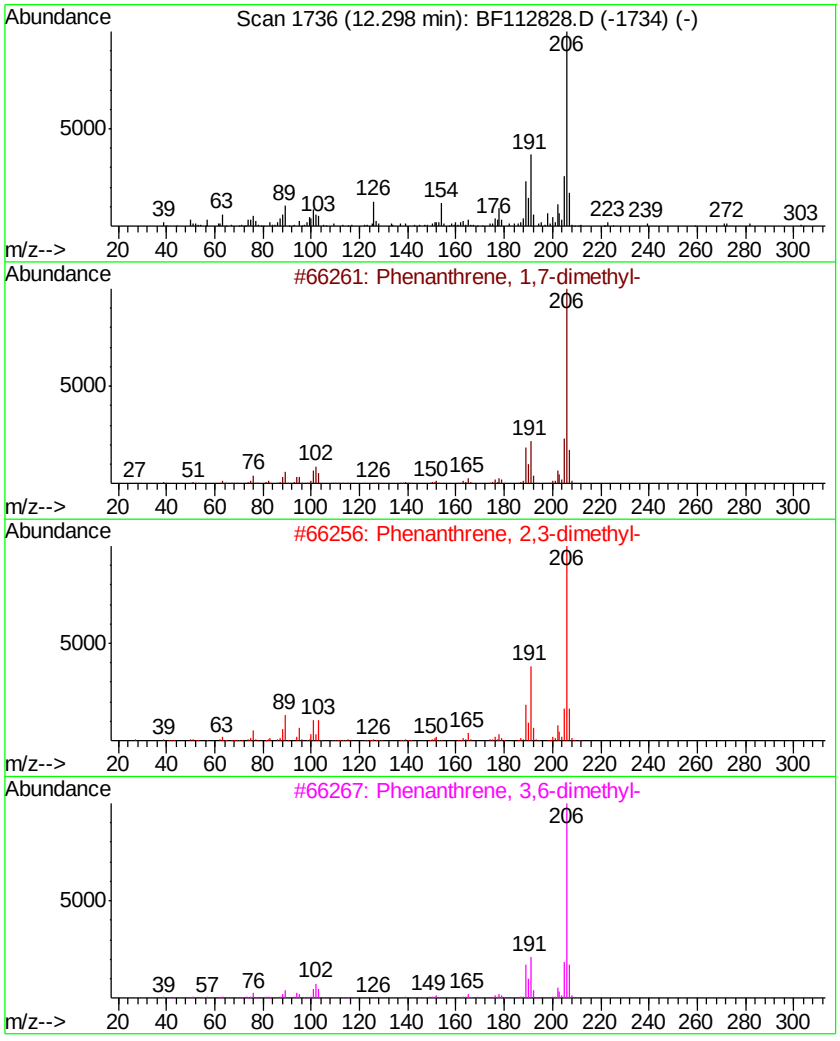
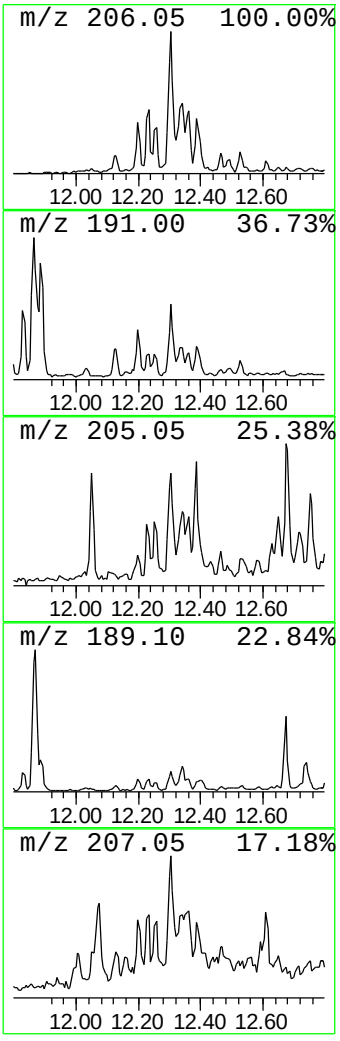
Peak Number 7 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.71 ng	159469	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

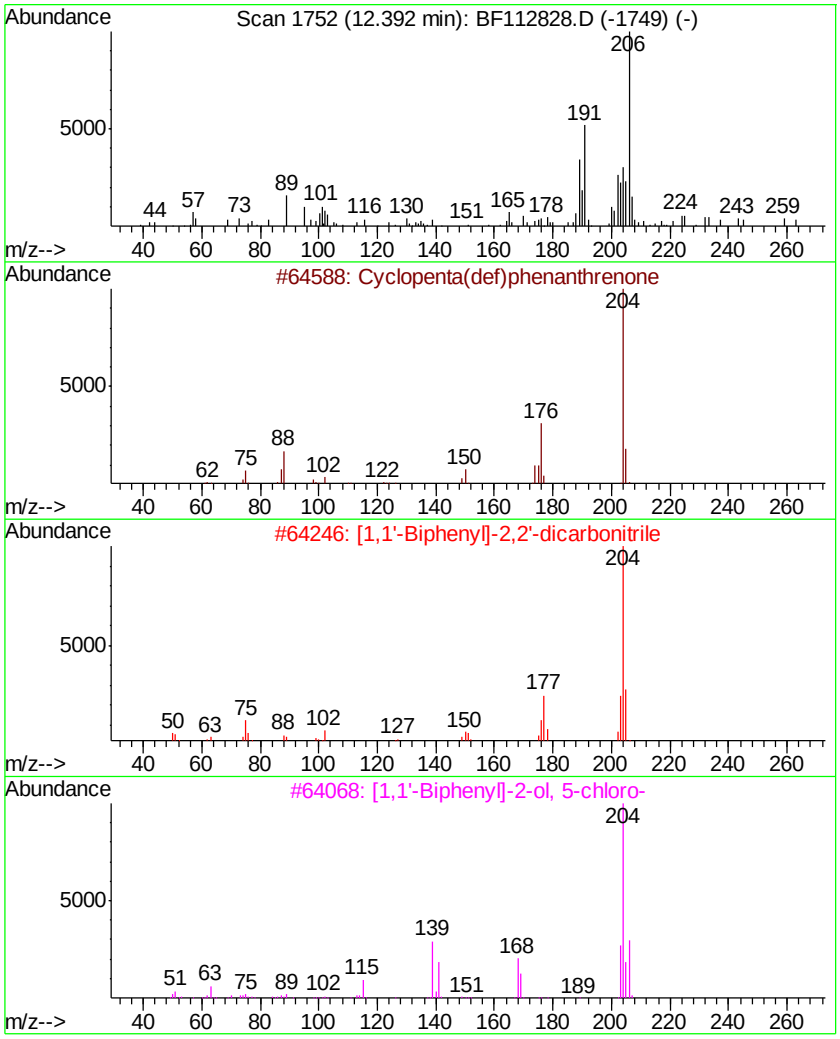
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

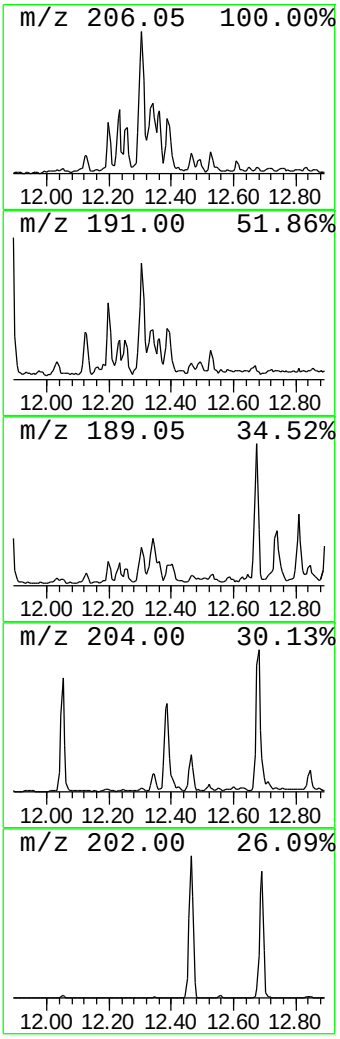
****

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.43 ng	142704	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Acq On : 4 Mar 2019 17:01
Operator : JU/SJ
Sample : K1712-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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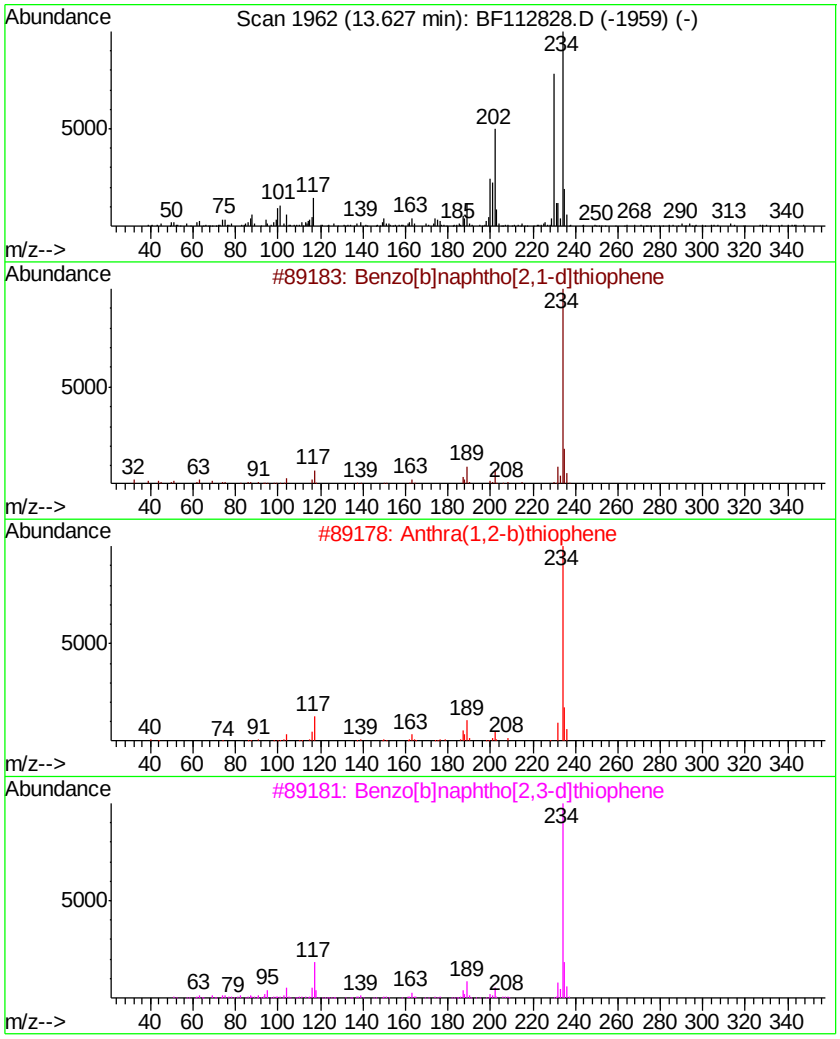
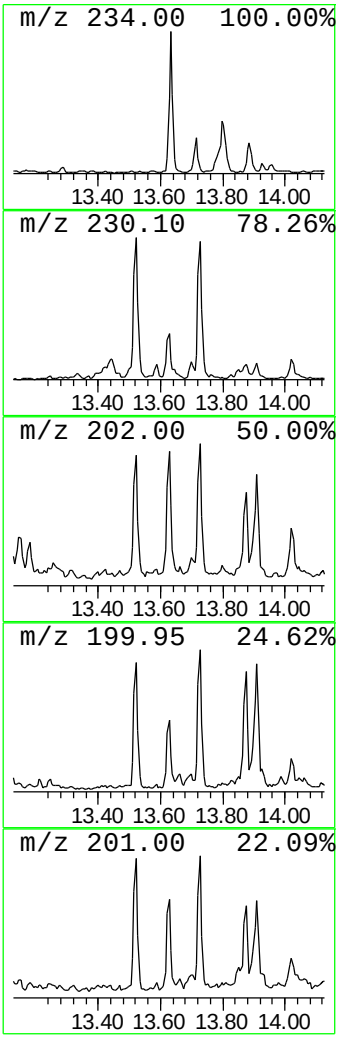
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.02 ng	272727	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	72





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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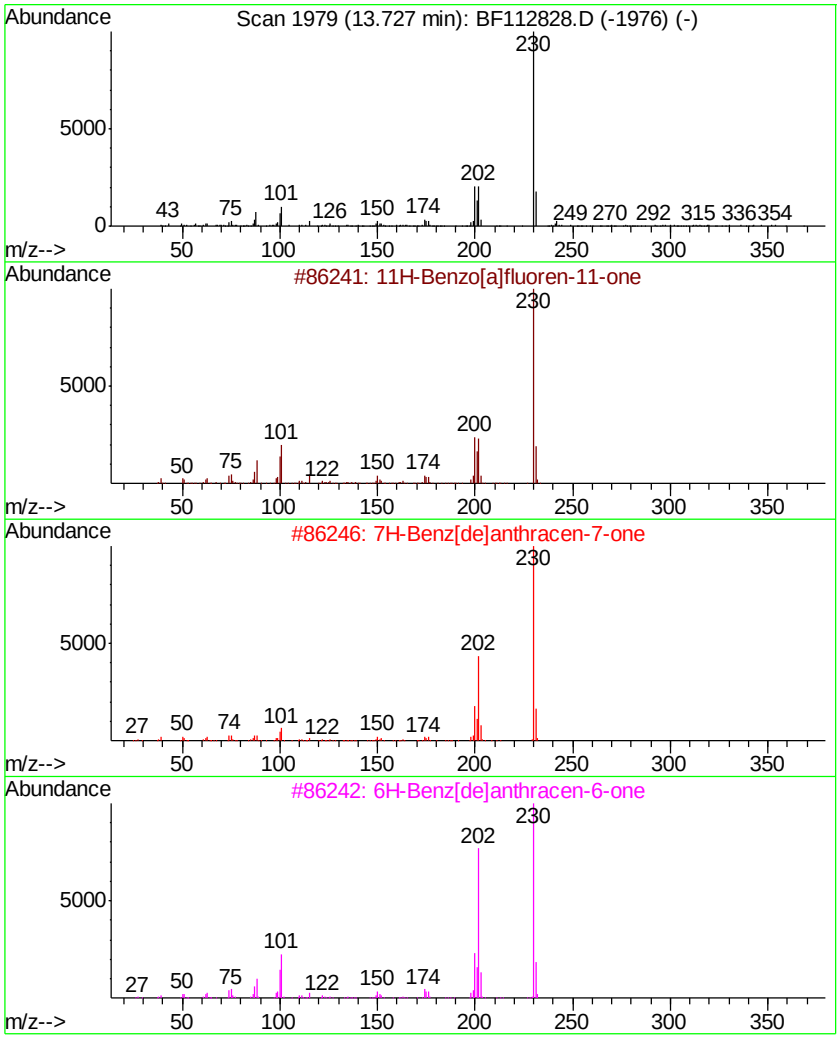
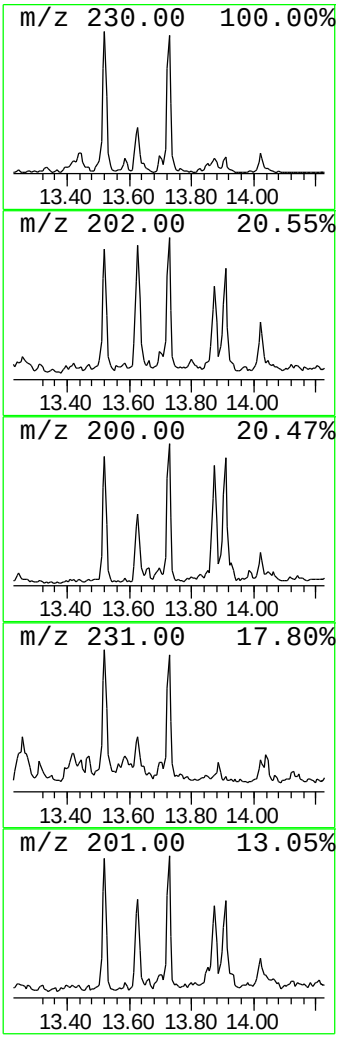
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.57 ng	346213	Chrysene-d12	13.89

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	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	53





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Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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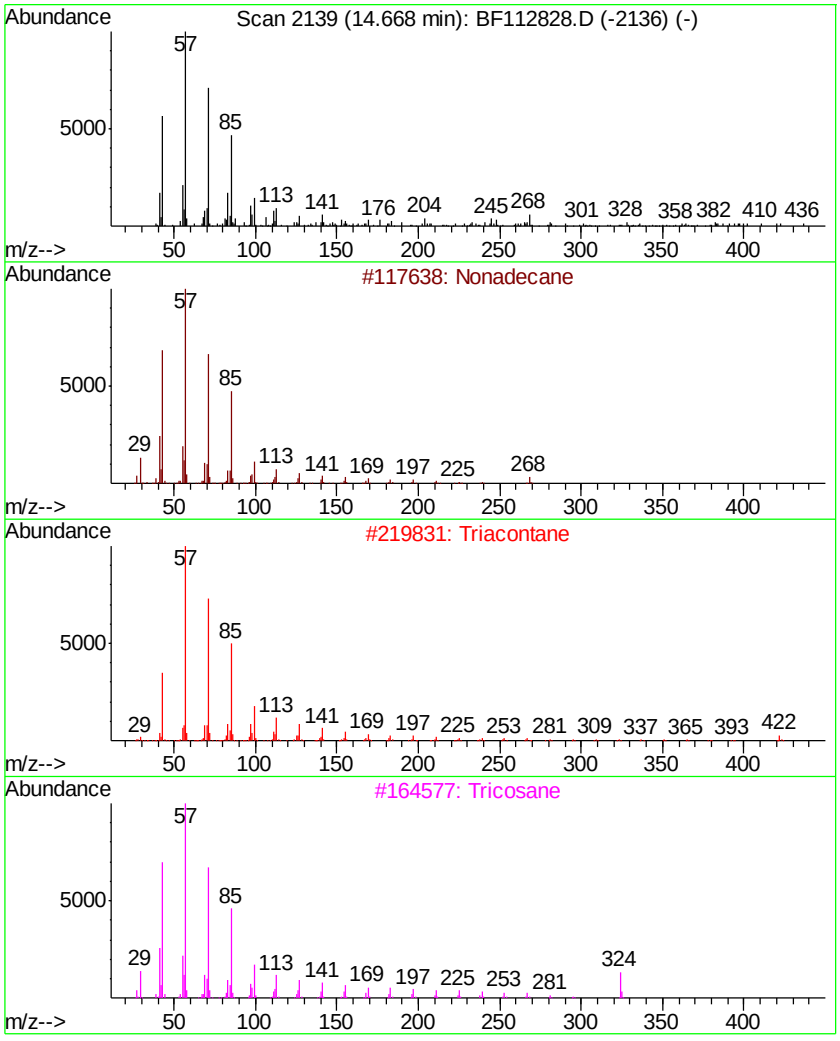
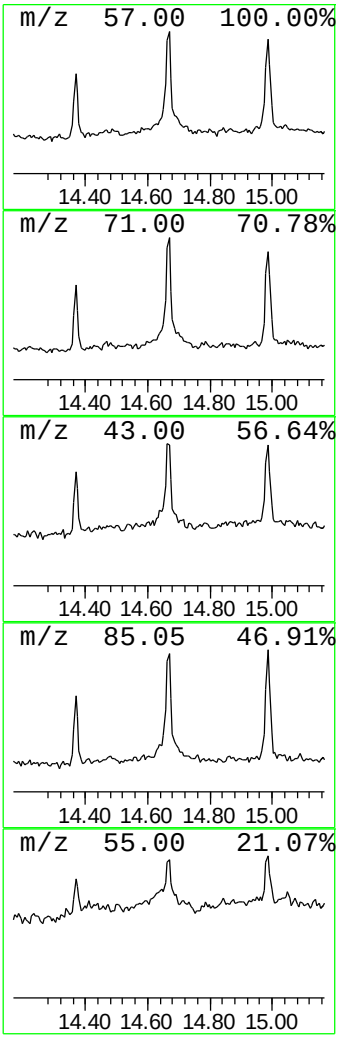
Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	6.37 ng	256097	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Triacontane	422	C30H62	000638-68-6	81
3	Tricosane	324	C23H48	000638-67-5	76
4	Hexacosane	366	C26H54	000630-01-3	68
5	2-methyloctacosane	408	C29H60	1000376-72-8	64





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-4-2-AB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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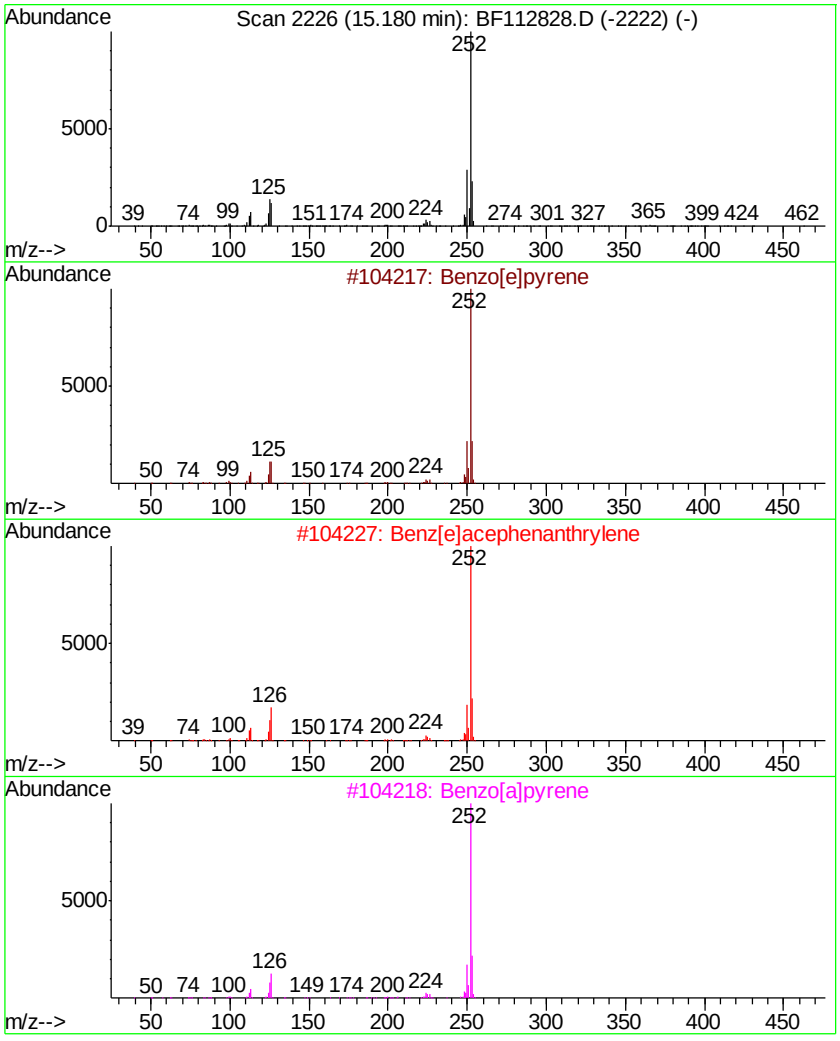
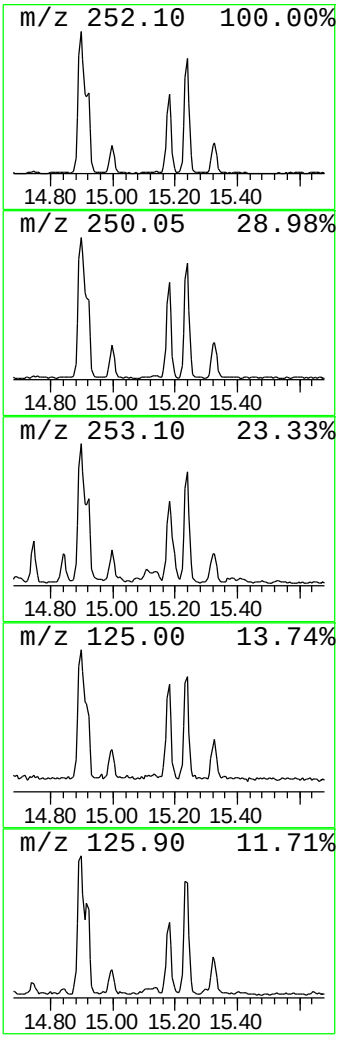
Peak Number 12 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	12.92 ng	519275	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

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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
unknown6.51	6.51	40.3	ng	1726080	1	6.75	856871	20.0
1H-Cyclopropa[l]p...	11.76	3.2	ng	189311	4	11.26	1175490	20.0
Phenanthrene, 2-m...	11.79	6.8	ng	398715	4	11.26	1175490	20.0
Benzaldehyde, 3,5...	11.86	5.7	ng	335742	4	11.26	1175490	20.0
9,10-Anthracenedione	12.07	2.1	ng	123682	4	11.26	1175490	20.0
Phenanthrene, 1,7...	12.30	2.7	ng	159469	4	11.26	1175490	20.0
Cyclopenta(def)ph...	12.39	2.4	ng	142704	4	11.26	1175490	20.0
Benzo[b]naphtho[2...	13.63	2.0	ng	272727	5	13.89	2694360	20.0
11H-Benzo[a]fluor...	13.73	2.6	ng	346213	5	13.89	2694360	20.0
Nonadecane	14.67	6.4	ng	256097	6	15.30	803887	20.0
Benzo[e]pyrene	15.18	12.9	ng	519275	6	15.30	803887	20.0