LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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-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	572	rVB	1957217	1856995	95.15%	5.474%
2	6.375	725	729	744	rVB	2195777	1915918	98.17%	5.648%
3	6.510	748	752	756	rBV	2096446	1951597	100.00%	5.753%
4	6.745	788	792	800	rBV	1100090	897065	45.97%	2.644%
5	6.904	815	819	822	rBV	1624475	1436995	73.63%	4.236%
6	7.010	834	837	844	rVB2	20983	23905	1.22%	0.070%
7	7.304	882	887	894	rBV	1113047	1131257	57.97%	3.335%
8	8.028	1006	1010	1030	rBV	1168041	1160992	59.49%	3.422%
9	9.098	1189	1192	1207	rBV	1904381	1781647	91.29%	5.252%
10	9.439	1247	1250	1252	rBV	25582	24384	1.25%	0.072%
11	9.492	1256	1259	1265	rVB	104370	97221	4.98%	0.287%
12	9.633	1280	1283	1288	rBV	97111	93019	4.77%	0.274%
13	9.775	1303	1307	1311	rBV2	1208200	1113433	57.05%	3.282%
14	9.804	1311	1312	1317	rVB	72540	61444	3.15%	0.181%
15	9.980	1339	1342	1346	rBV	61434	59510	3.05%	0.175%
16	10.322	1397	1400	1407	rVB	56484	52182	2.67%	0.154%
17	10.480	1424	1427	1433	rVB2	35472	32838	1.68%	0.097%
18	10.557	1436	1440	1447	rBV	1408107	1396133	71.54%	4.116%
19	10.686	1459	1462	1465	rBV4	23270	23042	1.18%	0.068%
20	11.057	1522	1525	1531	rVB	171346	158132	8.10%	0.466%
21	11.104	1531	1533	1537	rBV2	23341	31611	1.62%	0.093%
22	11.151	1537	1541	1544	rVB	68740	62979	3.23%	0.186%
23	11.257	1555	1559	1561	rBV	1319047	1323037	67.79%	3.900%
24	11.280	1561	1563	1567	rVV	1466577	1167895	59.84%	3.443%
25	11.327	1569	1571	1575	rVV	141330	122925	6.30%	0.362%
26	11.363	1575	1577	1580	rVB2	30827	29011	1.49%	0.086%
27	11.480	1592	1597	1601	rBV2	145989	154215	7.90%	0.455%
28	11.551	1606	1609	1612	rVV2	32690	35179	1.80%	0.104%
29	11.586	1612	1615	1620	rVB3	62746	57362	2.94%	0.169%
30	11.645	1620	1625	1627	rBV2	21370	27491	1.41%	0.081%
31	11.710	1633	1636	1639	rBV	24008	25090	1.29%	0.074%
32	11.757	1640	1644	1646	rVV	182737	166183	8.52%	0.490%
33	11.786	1646	1649	1654	rVV	410800	407579	20.88%	1.201%
34	11.827	1654	1656	1659	rVB2	47463	42595	2.18%	0.126%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

35	11.863	1659	1662	1665	rBV2	210504	235523	12.07%	0.694%
36	11.886	1665	1666	1670	rVB	124734	98220	5.03%	0.290%
37	11.963	1672	1679	1681	rBV5	28491	61004	3.13%	0.180%
38	12.051	1691	1694	1695	rBV	138218	118299	6.06%	0.349%
39	12.069	1695	1697	1705	rVB	327339	308103	15.79%	0.908%
40	12.204	1714	1720	1722	rBV4	57409	74083	3.80%	0.218%
41	12.233	1722	1725	1727	rVV	32569	29503	1.51%	0.087%
42	12.251	1727	1728	1731	rVB2	36294	25427	1.30%	0.075%
43	12.304	1734	1737	1740	rBV	137745	134013	6.87%	0.395%
44	12.339	1740	1743	1745	rBV2	41655	45222	2.32%	0.133%
45	12.386	1748	1751	1756	rVB	181922	187369	9.60%	0.552%
46	12.463	1760	1764	1768	rBV	1968143	1735982	88.95%	5.117%
47	12.516	1768	1773	1774	rBV2	35209	46004	2.36%	0.136%
48	12.557	1777	1780	1781	rBV	42672	36352	1.86%	0.107%
49	12.574	1781	1783	1784	rBV	53483	41636	2.13%	0.123%
50	12.592	1784	1786	1788	rVB	45583	34256	1.76%	0.101%
51	12.692	1797	1803	1806	rBV	1535684	1671425	85.64%	4.927%
52	12.739	1808	1811	1816	rVB2	81322	106050	5.43%	0.313%
53	12.810	1819	1823	1824	rBV	118506	110528	5.66%	0.326%
54	12.833	1824	1827	1834	rVB	2069897	1904400	97.58%	5.614%
55	12.910	1835	1840	1843	rBV2	125530	191693	9.82%	0.565%
56	12.992	1852	1854	1856	rBV2	81350	88920	4.56%	0.262%
57	13.016	1856	1858	1861	rVB2	139554	128070	6.56%	0.378%
58	13.080	1866	1869	1872	rBV	89148	89726	4.60%	0.264%
59	13.121	1872	1876	1879	rBV2	182589	193523	9.92%	0.570%
60	13.180	1883	1886	1888	rBV2	40489	48240	2.47%	0.142%
61	13.210	1889	1891	1894	rVB	80337	69154	3.54%	0.204%
62	13.245	1894	1897	1901	rBV2	83839	89262	4.57%	0.263%
63	13.421	1925	1927	1929	rVB2	40243	31322	1.60%	0.092%
64	13.521	1940	1944	1949	rBV	264875	268223	13.74%	0.791%
65	13.627	1959	1962	1965	rBV2	166356	218081	11.17%	0.643%
66	13.663	1965	1968	1970	rVV	147776	143157	7.34%	0.422%
67	13.686	1970	1972	1976	rVV2	108435	153034	7.84%	0.451%
68	13.727	1976	1979	1986	rVB	224350	318272	16.31%	0.938%
69	13.880	2001	2005	2008	rBV2	1483899	1911324	97.94%	5.634%
70	13.910	2008	2010	2013	rVB	763361	569963	29.20%	1.680%
71	14.021	2027	2029	2032	rBV	68110	55383	2.84%	0.163%

LSC Area Percent Report

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Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

72	14.068	2034	2037	2039	rVB3	91598	82535	4.23%	0.243%
73	14.268	2069	2071	2074	rVB	123786	92508	4.74%	0.273%
74	14.304	2074	2077	2081	rBV2	133758	139367	7.14%	0.411%
75	14.668	2136	2139	2143	rVB	135588	160397	8.22%	0.473%
76	14.898	2174	2178	2181	rBV	573007	884467	45.32%	2.607%
77	15.180	2222	2226	2232	rVB	323695	406886	20.85%	1.199%
78	15.239	2232	2236	2240	rBV	387322	448311	22.97%	1.322%
79	15.298	2242	2246	2249	rBV	711220	822484	42.14%	2.425%
80	16.662	2474	2478	2488	rVB2	213679	394926	20.24%	1.164%

Sum of corrected areas: 33923488

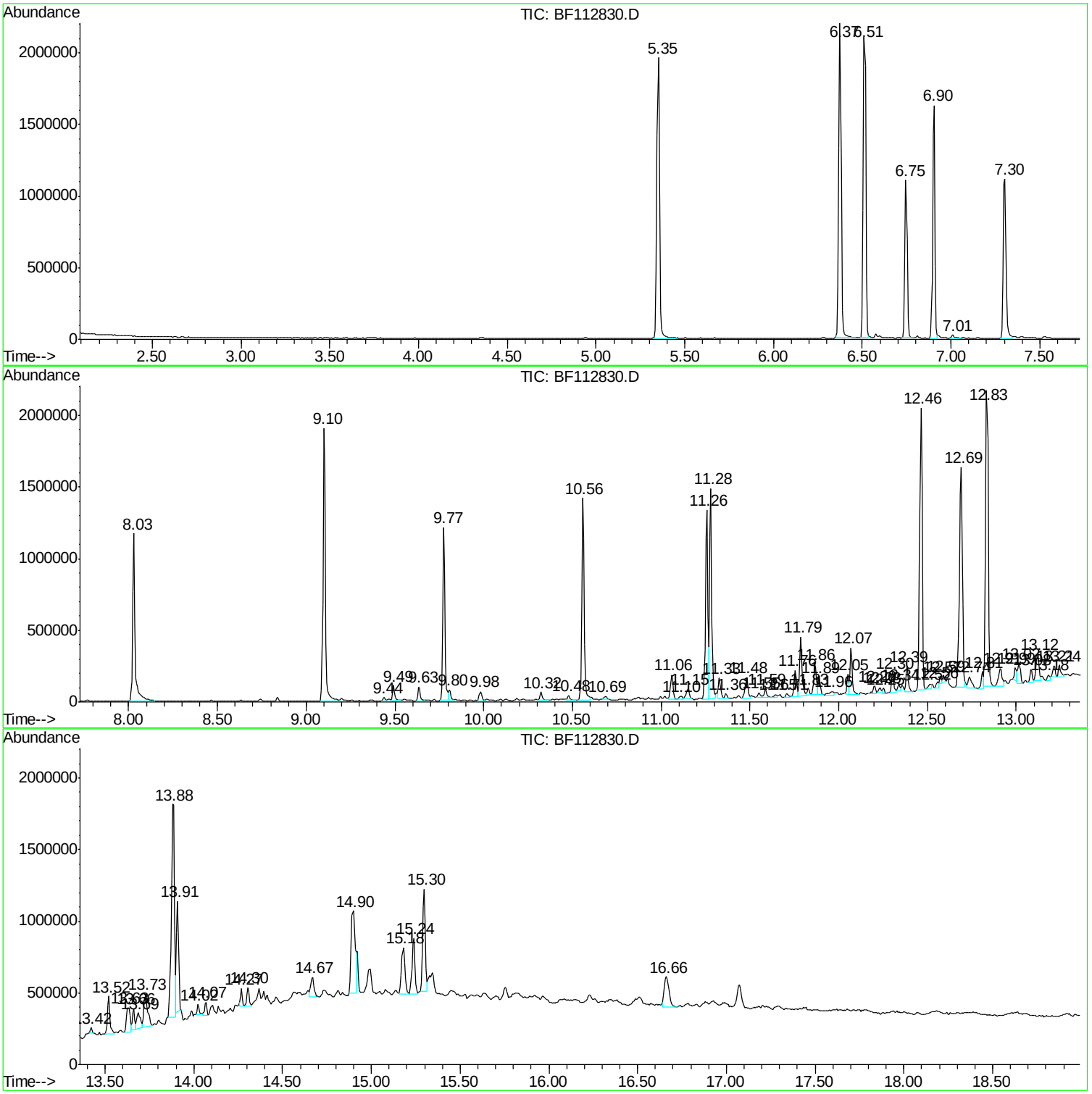
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

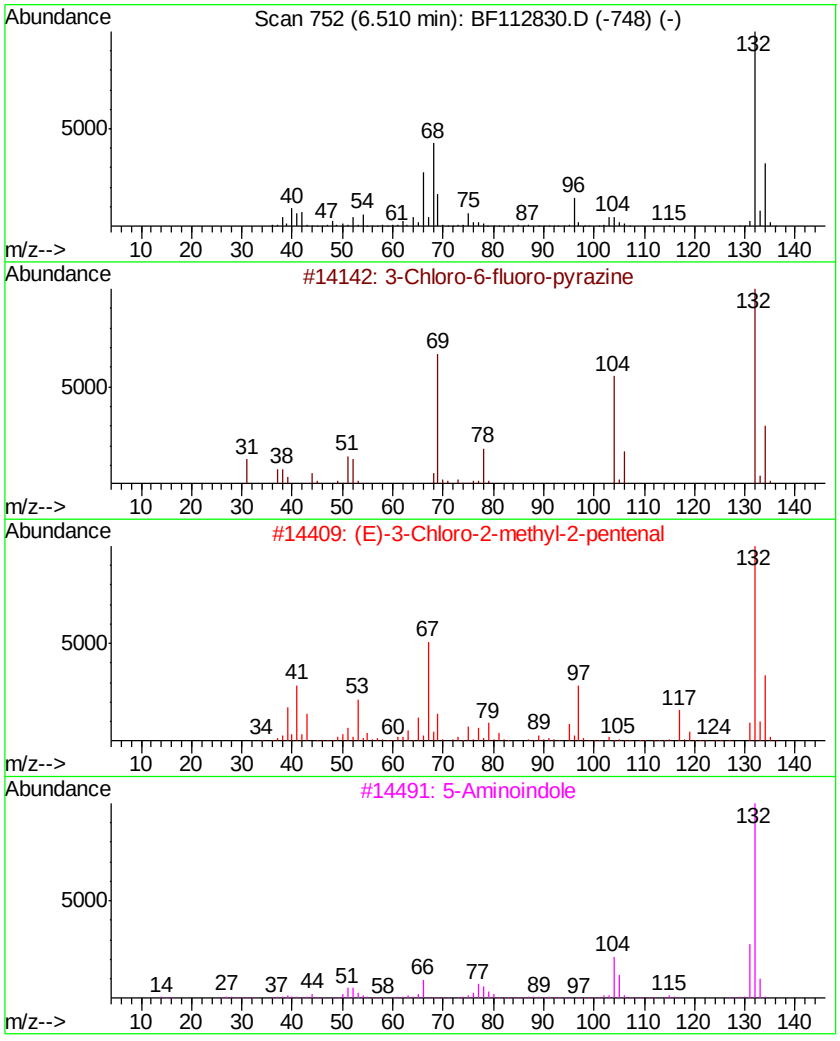
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

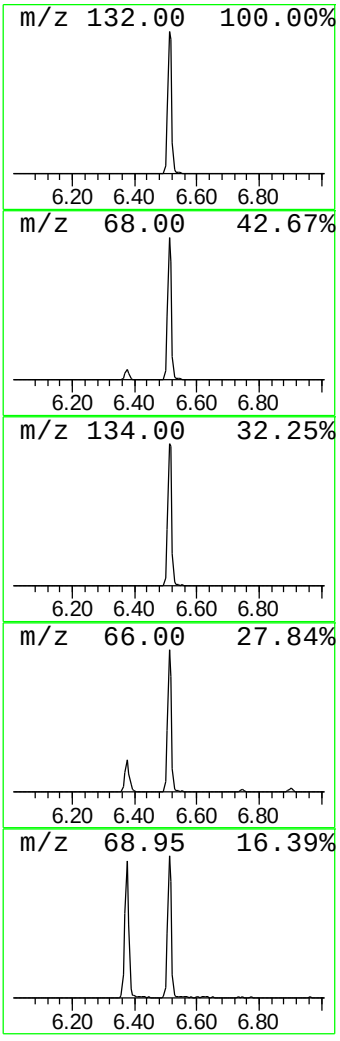
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	43.51 ng	1951600	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	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

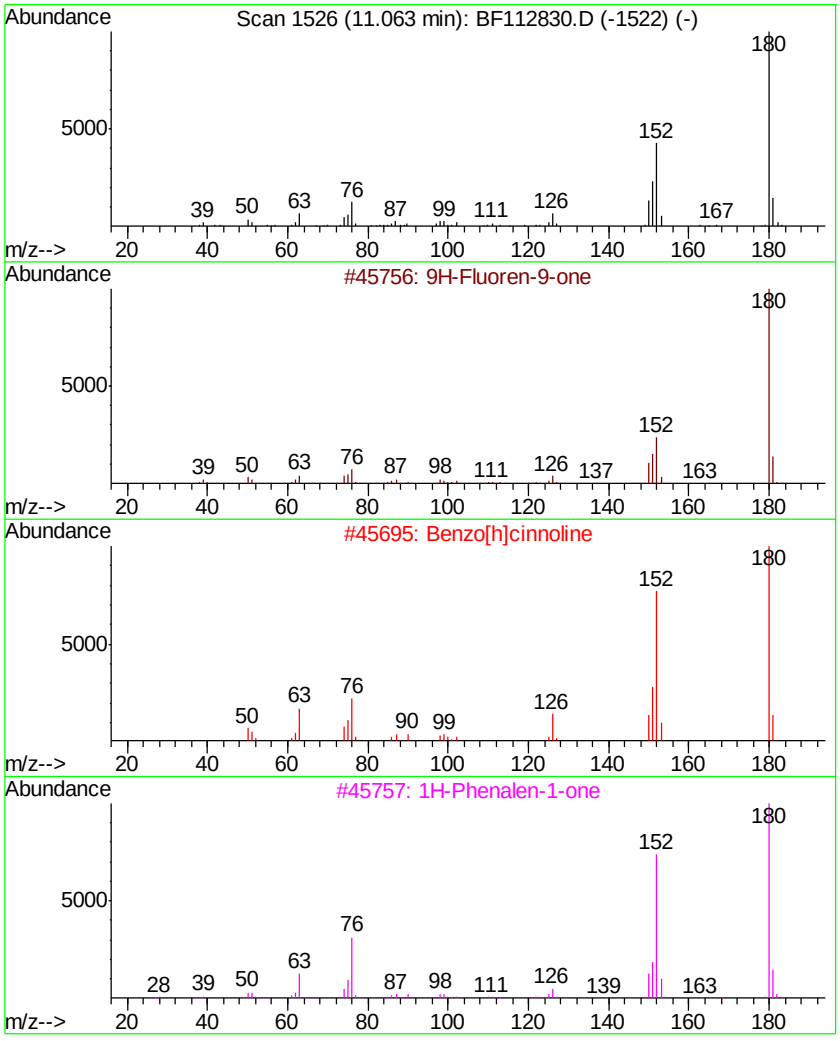
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

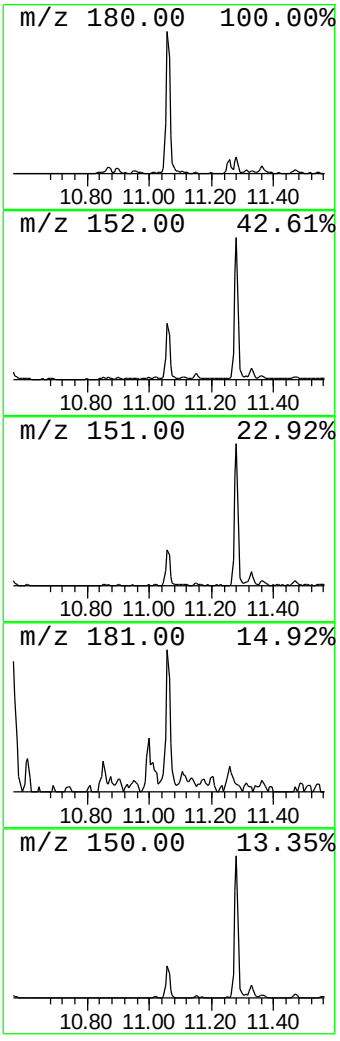
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.39 ng	158132	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	45
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

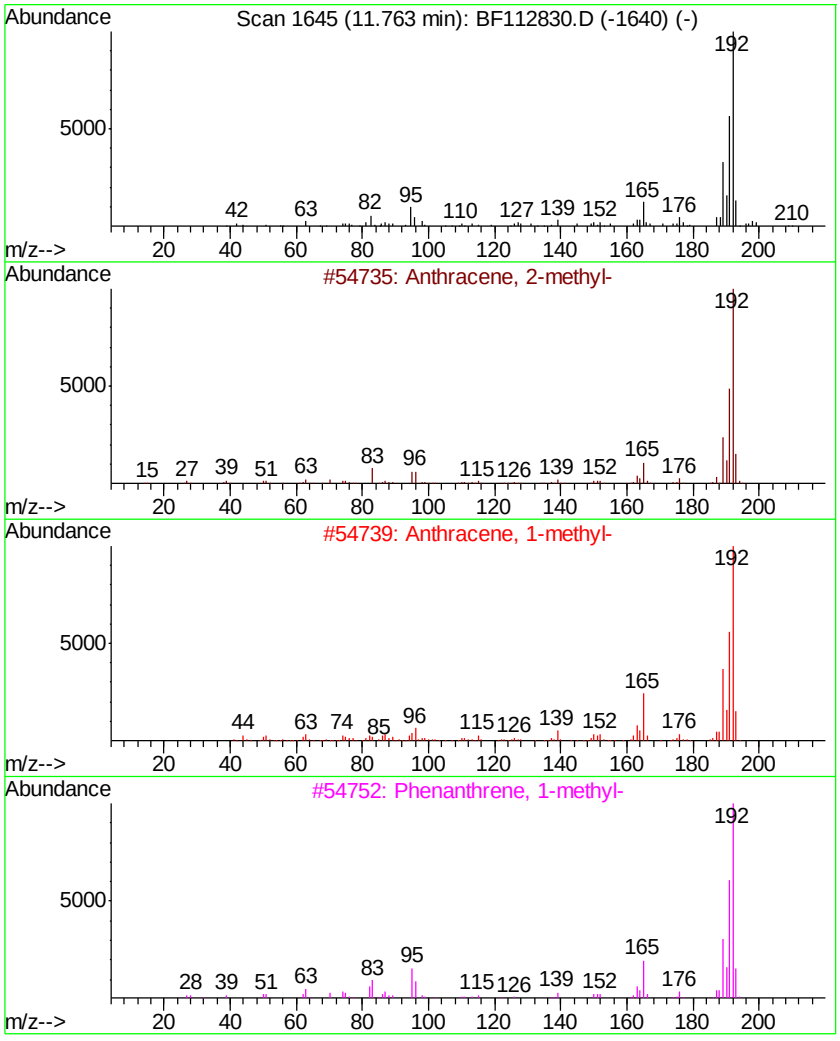
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

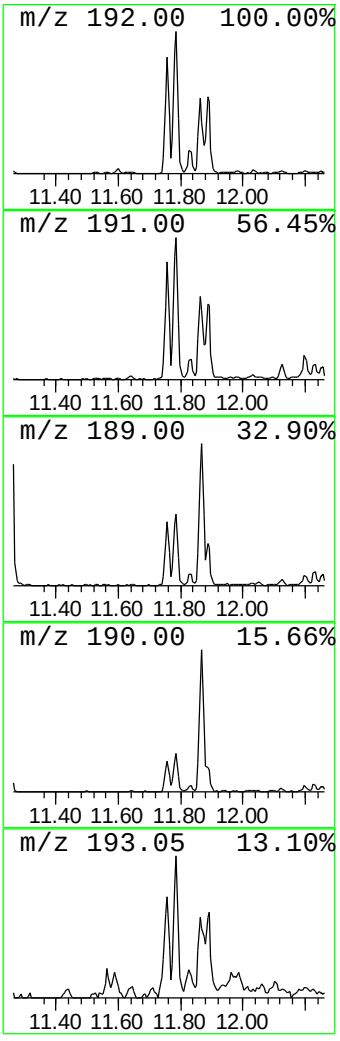
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.51 ng	166183	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

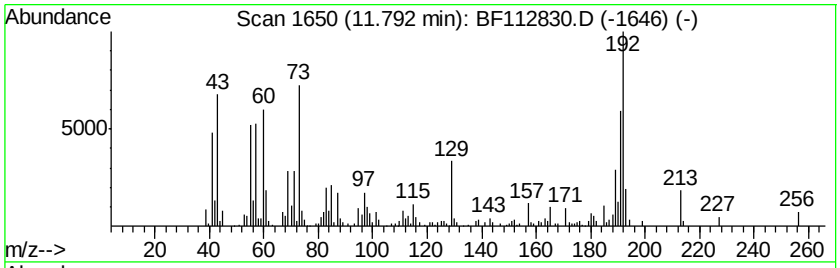
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

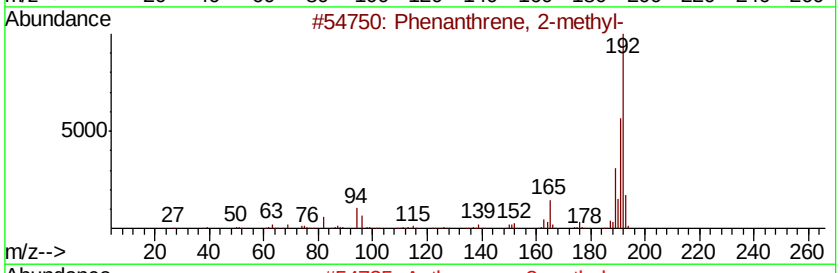
****

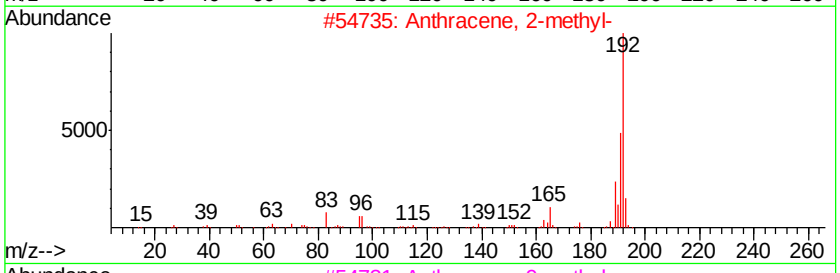
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

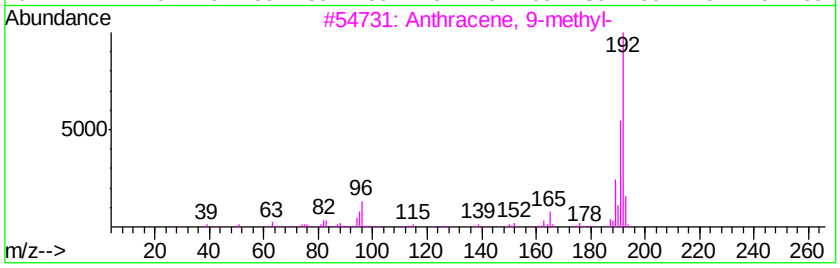
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.16 ng	407579	Phenanthrene-d10	11.26

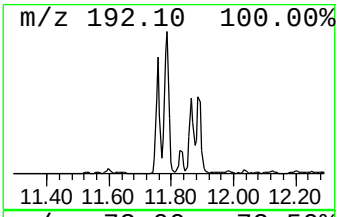
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91

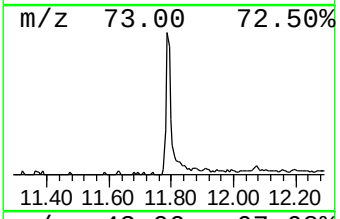


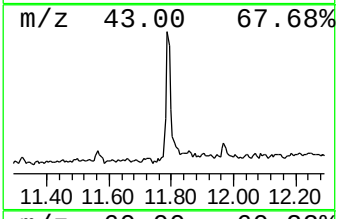


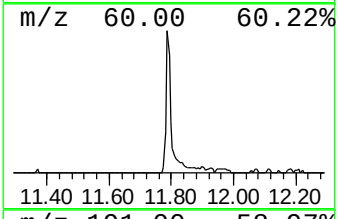


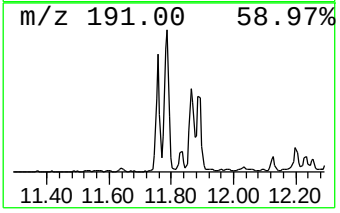












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Instrument : BNA_F
ClientSampleId : Z-2-2

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

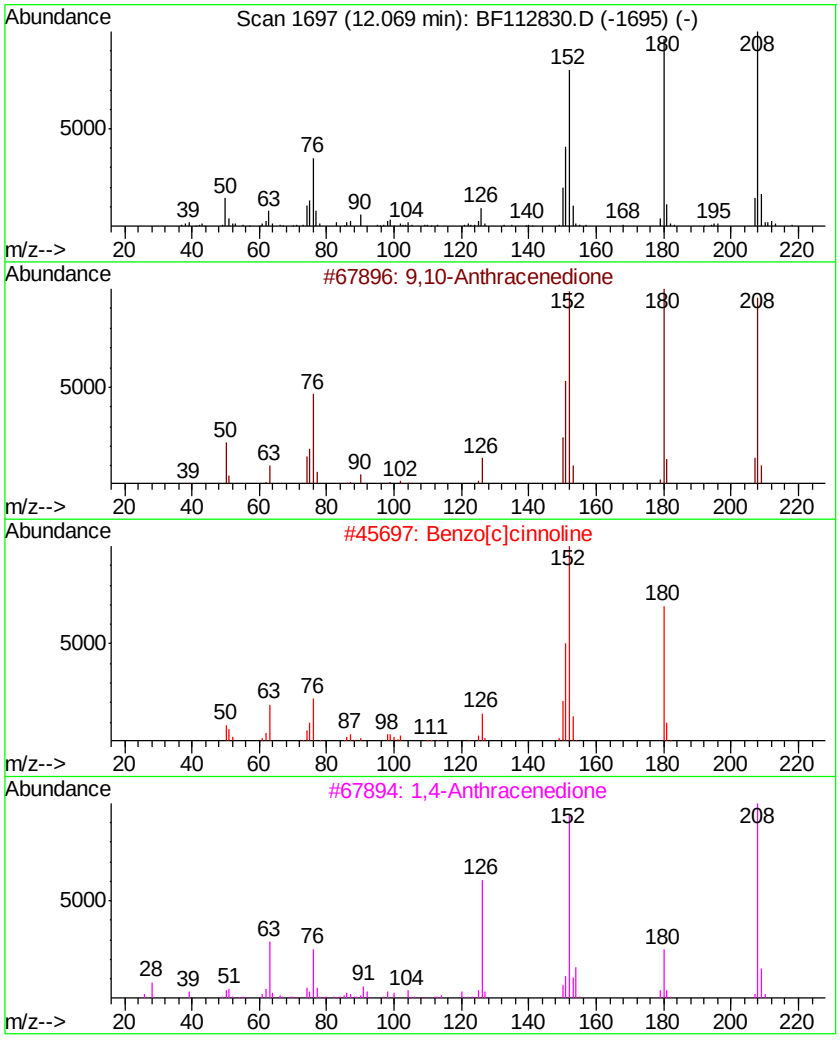
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

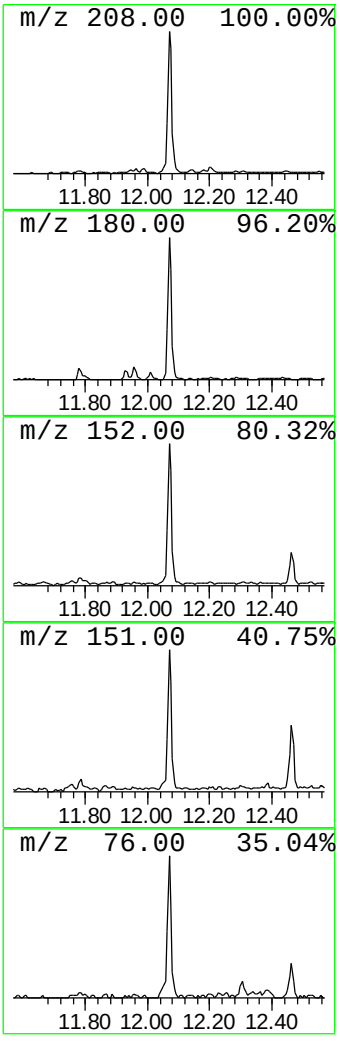
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.66 ng	308103	Phenanthrene-d10	11.26

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	70
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46





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Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

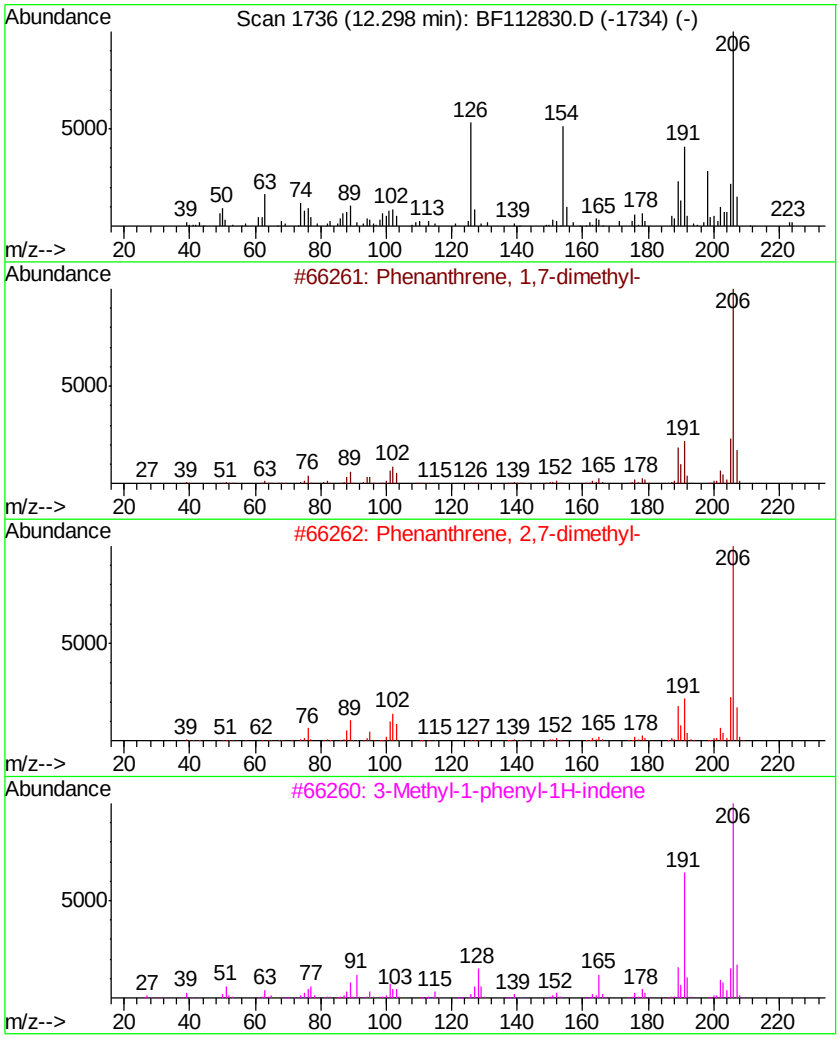
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

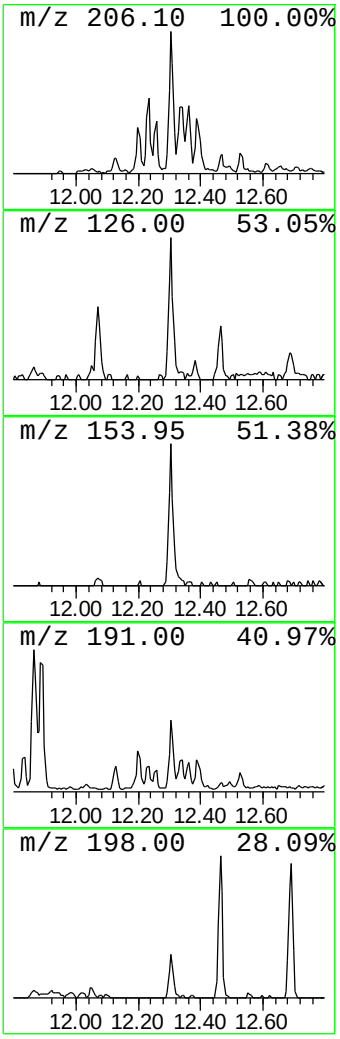
****

Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.03 ng	134013	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	55
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55





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Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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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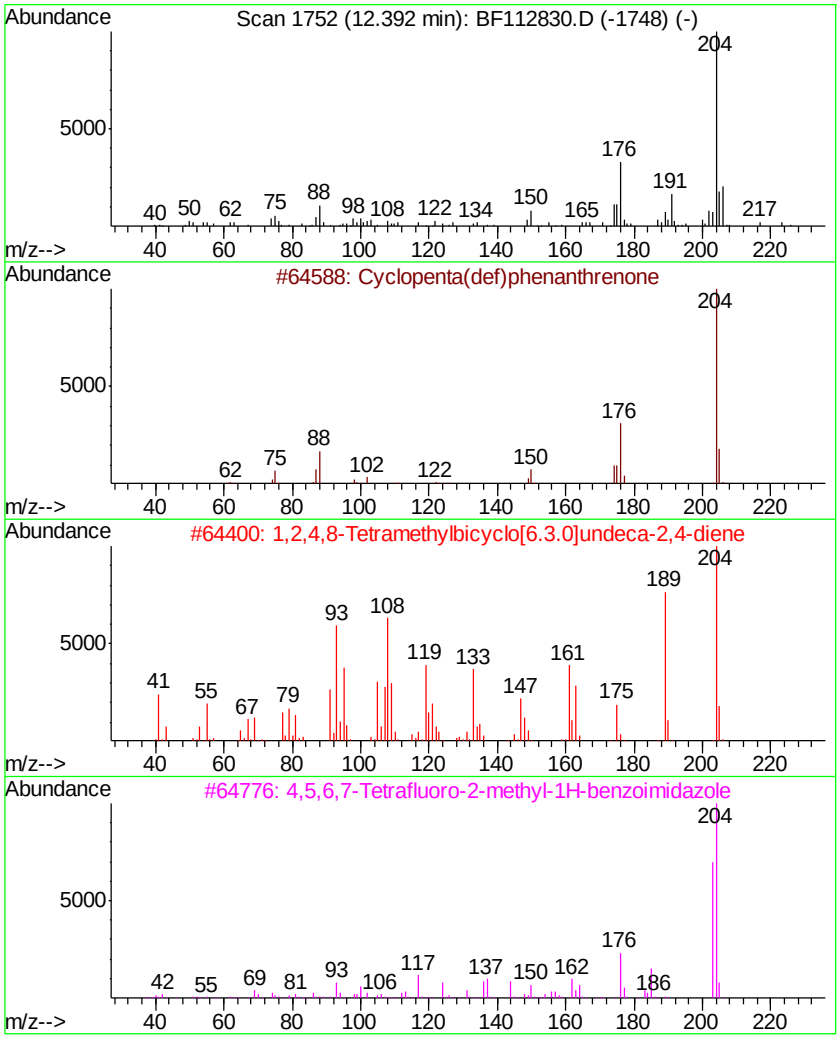
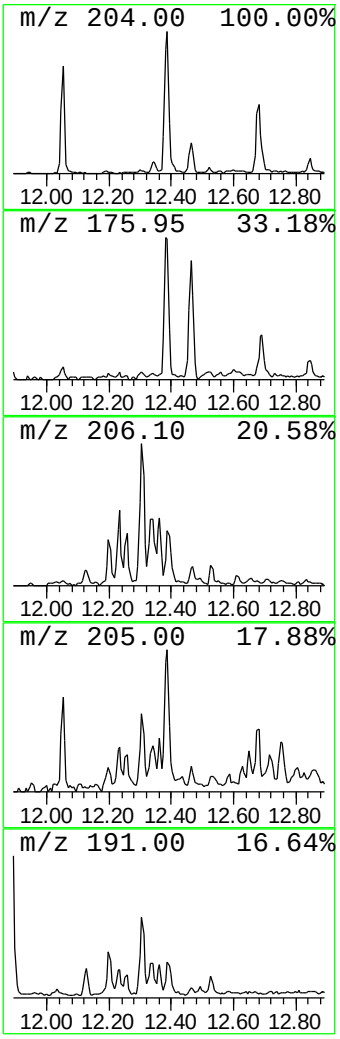
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.83 ng	187369	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47





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Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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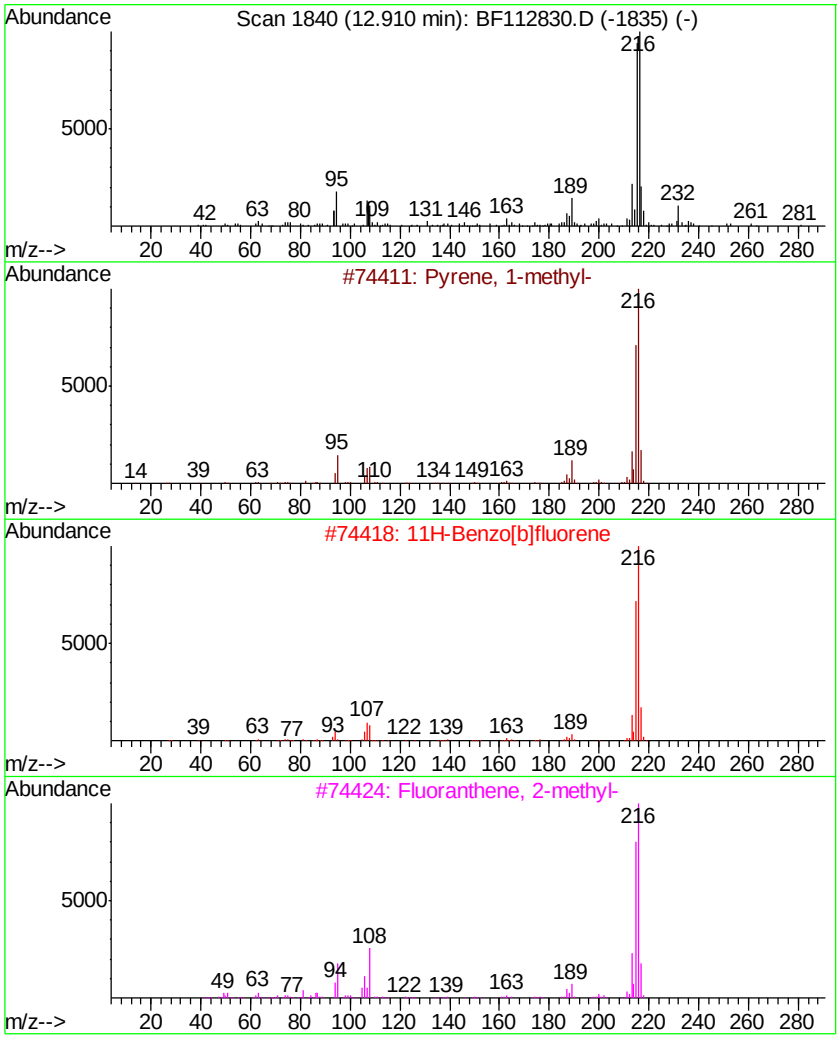
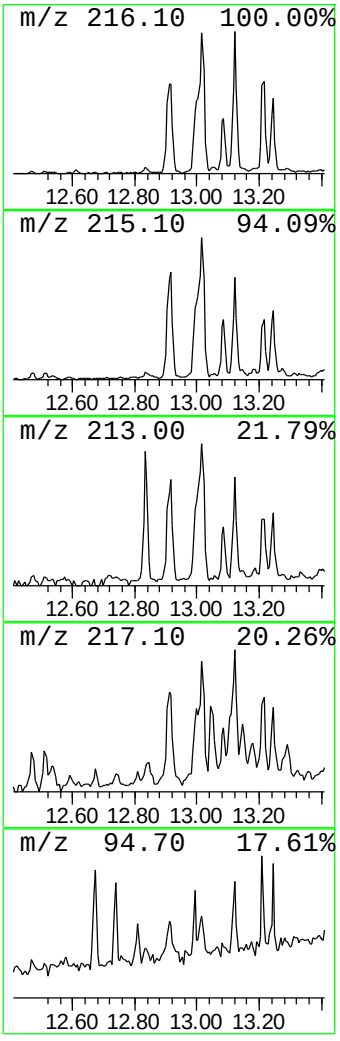
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.01 ng	191693	Chrysene-d12	13.89

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	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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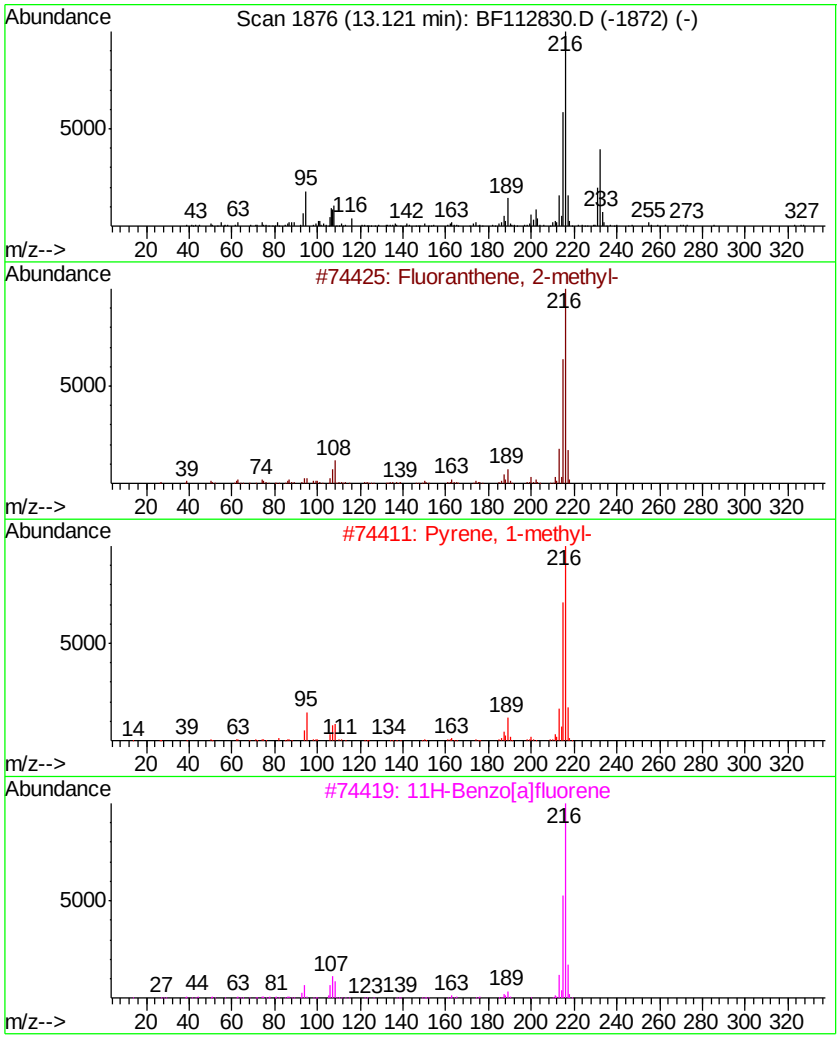
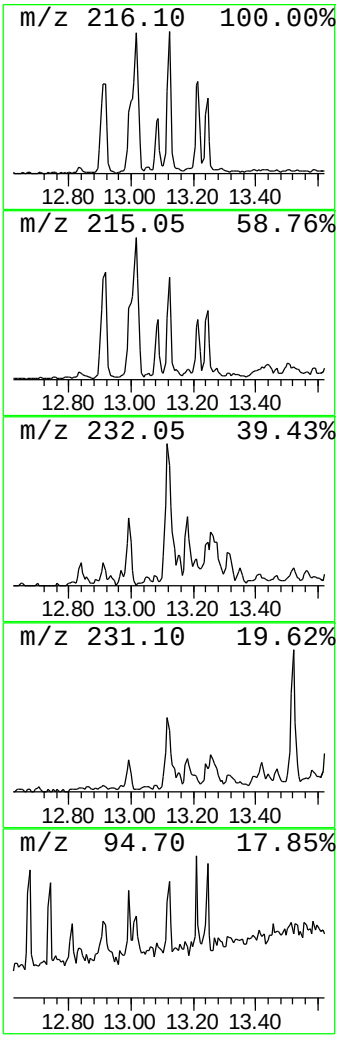
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.03 ng	193523	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





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Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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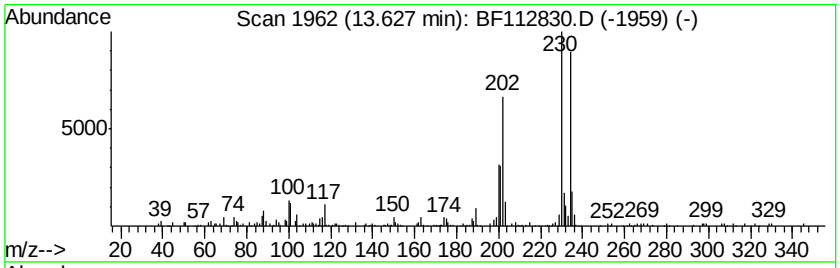
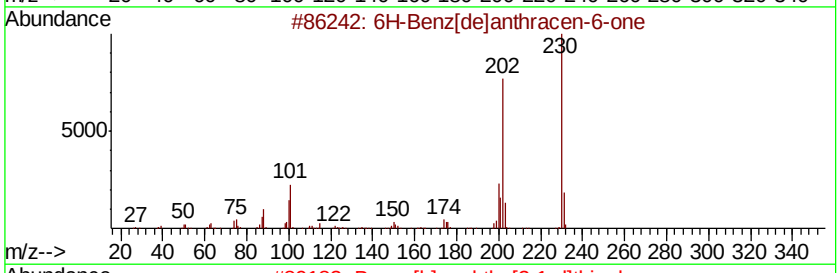
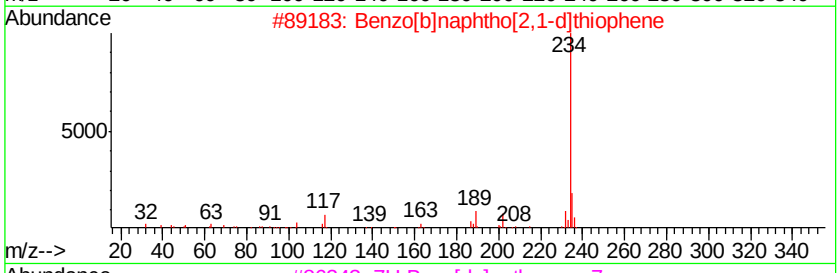
Peak Number 13 6H-Benz[de]anthracen-6-one Concentration Rank 13

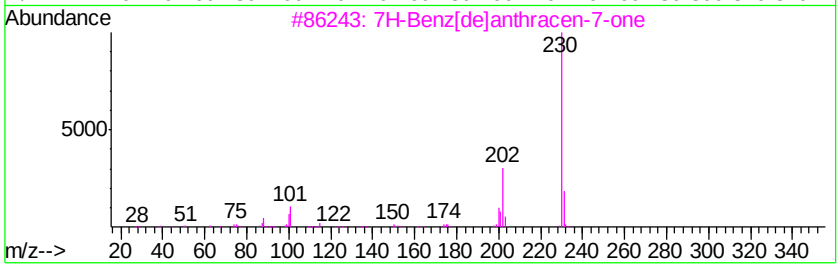
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.28 ng	218081	Chrysene-d12	13.89

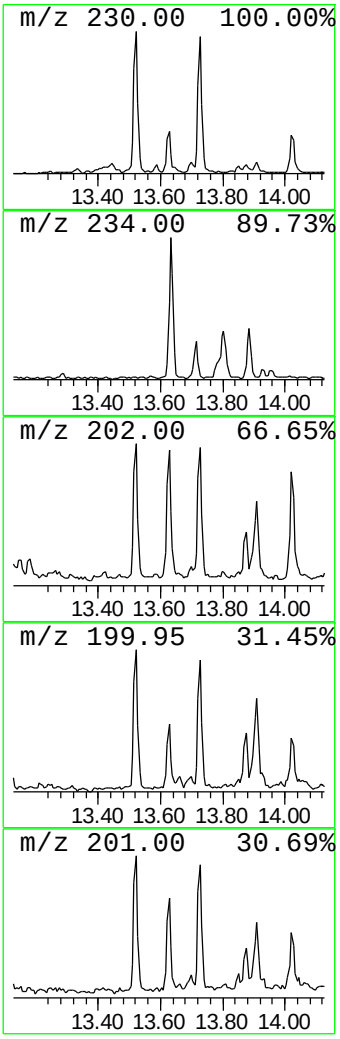
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	60
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	56











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Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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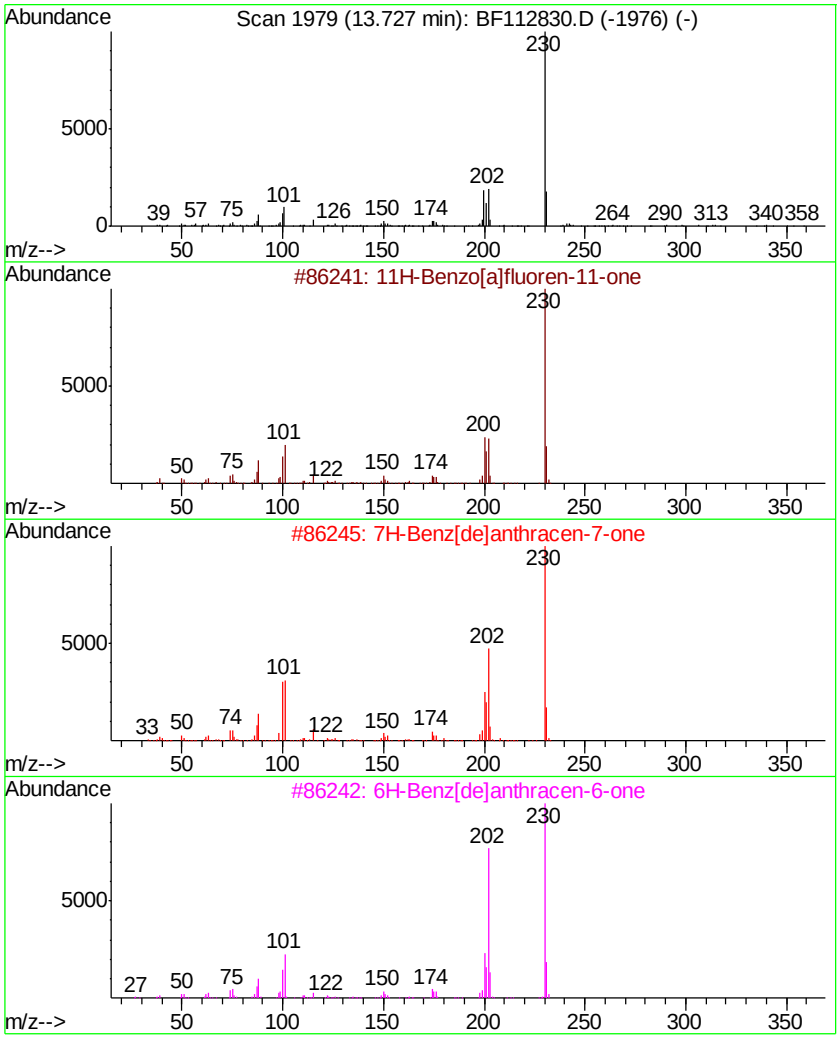
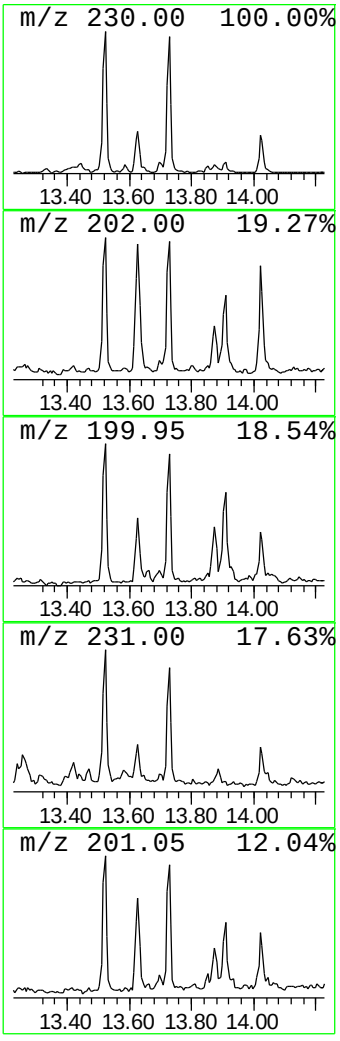
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.33 ng	318272	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	96
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	78
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	72





Library Search Compound Report

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Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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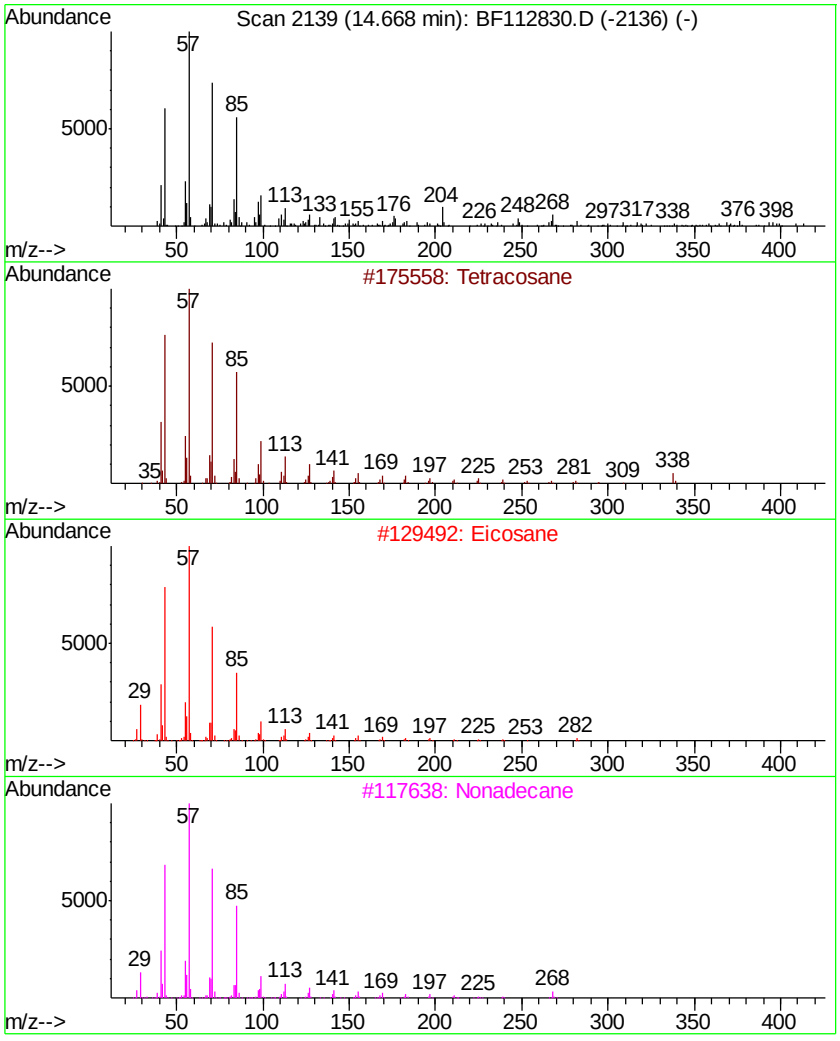
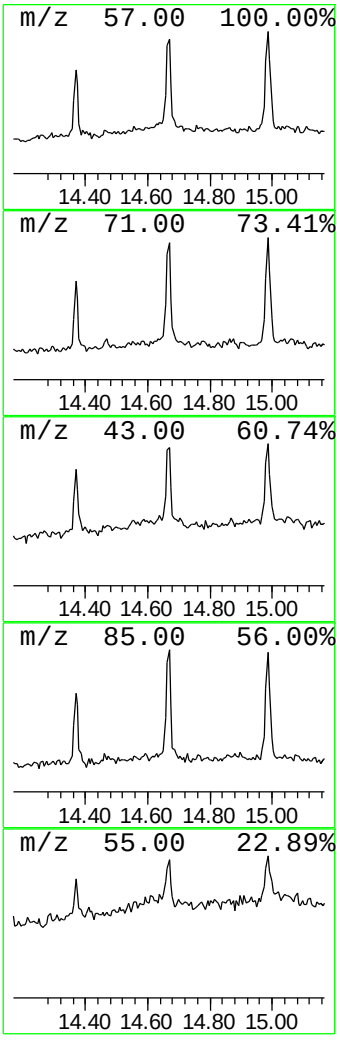
Peak Number 15 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.90 ng	160397	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heneicosane	296	C21H44	000629-94-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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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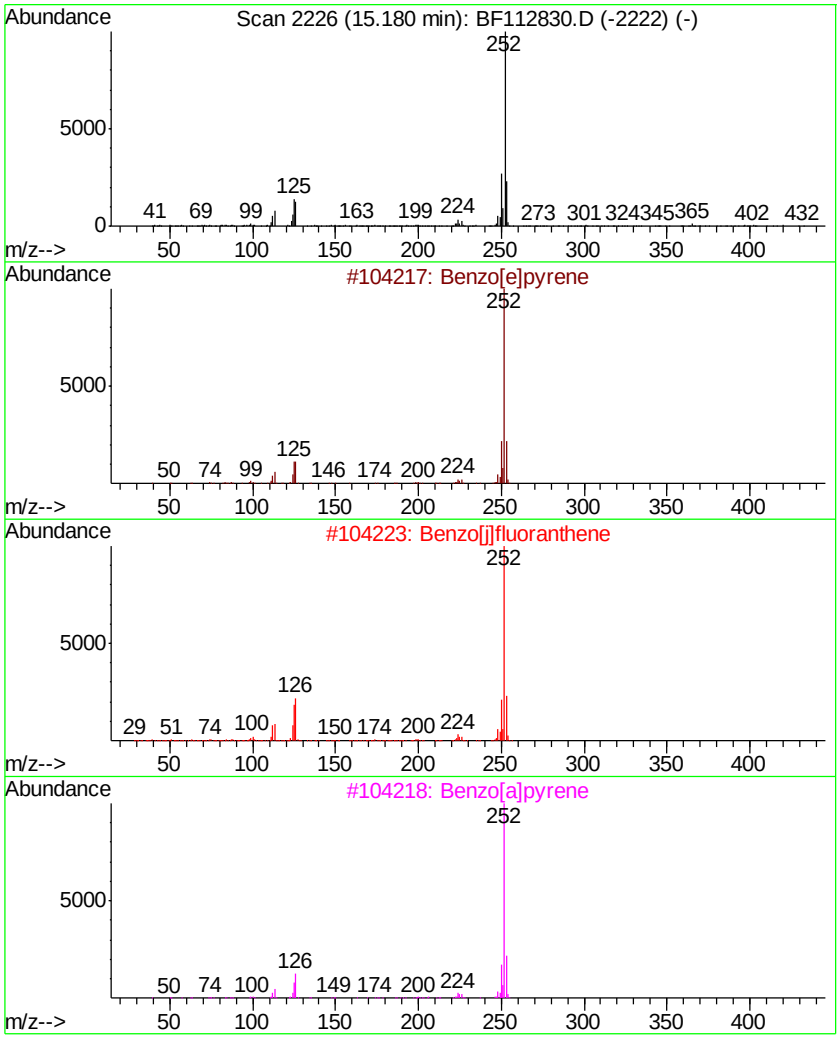
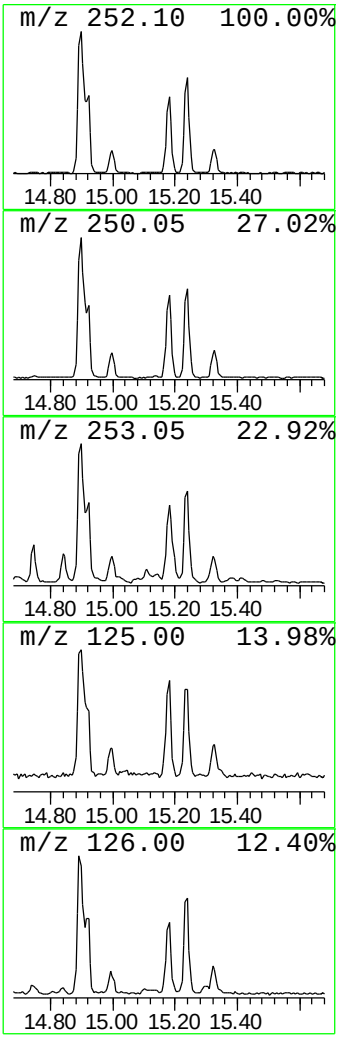
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	9.89 ng	406886	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112830.D
Acq On : 4 Mar 2019 17:56
Operator : JU/SJ
Sample : K1712-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-2-2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.51	6.51	43.5	ng	1951600	1	6.75	897065	20.0
9H-Fluoren-9-one	11.06	2.4	ng	158132	4	11.26	1323040	20.0
Anthracene, 2-met...	11.76	2.5	ng	166183	4	11.26	1323040	20.0
Phenanthrene, 2-m...	11.79	6.2	ng	407579	4	11.26	1323040	20.0
9,10-Anthracenedione	12.07	4.7	ng	308103	4	11.26	1323040	20.0
Phenanthrene, 1,7...	12.30	2.0	ng	134013	4	11.26	1323040	20.0
Cyclopenta(def)ph...	12.39	2.8	ng	187369	4	11.26	1323040	20.0
Pyrene, 1-methyl-	12.91	2.0	ng	191693	5	13.89	1911320	20.0
Fluoranthene, 2-m...	13.12	2.0	ng	193523	5	13.89	1911320	20.0
6H-Benz[de]anthra...	13.63	2.3	ng	218081	5	13.89	1911320	20.0
11H-Benzo[a]fluor...	13.73	3.3	ng	318272	5	13.89	1911320	20.0
Tetracosane	14.67	3.9	ng	160397	6	15.30	822484	20.0
Benzo[e]pyrene	15.18	9.9	ng	406886	6	15.30	822484	20.0