LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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

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

Method : Z:\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	5.328	548	551	566	rBV	469899	506340	16.76%	1.466%
2	6.363	723	727	743	rBV	588918	600425	19.88%	1.739%
3	6.498	746	750	759	rBV	642303	607821	20.12%	1.760%
4	6.728	786	789	803	rBV	903620	850937	28.17%	2.464%
5	6.887	812	816	827	rBV	535049	450348	14.91%	1.304%
6	7.287	880	884	893	rBV	310092	339516	11.24%	0.983%
7	8.016	1004	1008	1015	rBV	1035098	1110031	36.75%	3.214%
8	9.086	1187	1190	1202	rBV	593998	657730	21.78%	1.905%
9	9.428	1244	1248	1250	rBV	32377	31237	1.03%	0.090%
10	9.480	1254	1257	1264	rVB	39994	48290	1.60%	0.140%
11	9.622	1278	1281	1288	rVB	58272	51524	1.71%	0.149%
12	9.763	1301	1305	1309	rBV	1699939	1531959	50.72%	4.436%
13	9.792	1309	1310	1320	rVB	148153	129919	4.30%	0.376%
14	9.969	1337	1340	1344	rVB	56977	53445	1.77%	0.155%
15	10.310	1395	1398	1404	rVB2	129424	130547	4.32%	0.378%
16	10.375	1404	1409	1411	rBV	41115	48853	1.62%	0.141%
17	10.469	1422	1425	1430	rVB	60591	61245	2.03%	0.177%
18	10.545	1434	1438	1444	rBV	633786	624398	20.67%	1.808%
19	10.675	1455	1460	1467	rVB6	45988	67835	2.25%	0.196%
20	10.857	1485	1491	1493	rBV3	66413	85438	2.83%	0.247%
21	10.880	1493	1495	1498	rVV2	41582	39746	1.32%	0.115%
22	10.939	1502	1505	1508	rVV3	31643	33755	1.12%	0.098%
23	10.980	1508	1512	1514	rVV3	44863	59598	1.97%	0.173%
24	11.004	1514	1516	1518	rVV2	59027	51338	1.70%	0.149%
25	11.045	1521	1523	1528	rVV2	68095	66436	2.20%	0.192%
26	11.092	1528	1531	1534	rVV	52931	63346	2.10%	0.183%
27	11.139	1534	1539	1545	rVB	66579	101361	3.36%	0.294%
28	11.239	1552	1556	1558	rBV	1770390	1599426	52.95%	4.632%
29	11.263	1558	1560	1564	rVV	1538962	1291988	42.77%	3.741%
30	11.316	1565	1569	1573	rVV	491353	451982	14.96%	1.309%
31	11.351	1573	1575	1579	rVB2	41640	44371	1.47%	0.128%
32	11.469	1590	1595	1598	rBV3	50181	61308	2.03%	0.178%
33	11.539	1604	1607	1610	rVV	53401	49635	1.64%	0.144%
34	11.574	1610	1613	1618	rVB2	56889	66081	2.19%	0.191%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.651	1624	1626	1631	rVB	31582	35481	1.17%	0.103%
36	11.739	1638	1641	1644	rBV	260976	256021	8.48%	0.741%
37	11.769	1644	1646	1651	rVV	392405	368177	12.19%	1.066%
38	11.816	1651	1654	1657	rVV	174679	155673	5.15%	0.451%
39	11.851	1657	1660	1663	rVV	511031	547115	18.11%	1.584%
40	11.874	1663	1664	1669	rVB	206021	124656	4.13%	0.361%
41	12.033	1688	1691	1693	rBV	191280	167687	5.55%	0.486%
42	12.057	1693	1695	1699	rVV2	133866	120403	3.99%	0.349%
43	12.186	1714	1717	1719	rVB	58867	47210	1.56%	0.137%
44	12.216	1719	1722	1724	rBV	65816	50061	1.66%	0.145%
45	12.239	1724	1726	1728	rVB	65337	47179	1.56%	0.137%
46	12.286	1731	1734	1737	rBV	148458	168528	5.58%	0.488%
47	12.327	1737	1741	1743	rVV2	87960	99528	3.30%	0.288%
48	12.369	1746	1748	1754	rVB3	153495	179786	5.95%	0.521%
49	12.451	1757	1762	1765	rBV	2637369	2477770	82.03%	7.175%
50	12.498	1767	1770	1771	rBV	42098	43528	1.44%	0.126%
51	12.598	1779	1787	1791	rBV4	75059	163889	5.43%	0.475%
52	12.674	1794	1800	1806	rBV2	2264888	2581310	85.46%	7.475%
53	12.721	1806	1808	1814	rVB2	128155	158963	5.26%	0.460%
54	12.792	1817	1820	1822	rBV	190231	174114	5.76%	0.504%
55	12.816	1822	1824	1831	rVB2	664370	686942	22.74%	1.989%
56	12.898	1831	1838	1840	rBV2	205764	335185	11.10%	0.971%
57	12.921	1840	1842	1845	rVB	49512	38709	1.28%	0.112%
58	12.957	1845	1848	1849	rBV3	26408	35253	1.17%	0.102%
59	12.974	1849	1851	1853	rBV	140146	159726	5.29%	0.463%
60	13.004	1853	1856	1859	rVB	422765	424698	14.06%	1.230%
61	13.033	1859	1861	1863	rBV3	32963	34391	1.14%	0.100%
62	13.069	1863	1867	1869	rBV	340151	290252	9.61%	0.841%
63	13.104	1869	1873	1876	rBV	301425	286135	9.47%	0.829%
64	13.163	1881	1883	1886	rBV3	63994	57729	1.91%	0.167%
65	13.198	1886	1889	1891	rVB	124553	109313	3.62%	0.317%
66	13.227	1891	1894	1901	rBV2	143031	162853	5.39%	0.472%
67	13.304	1904	1907	1912	rVB5	50787	67737	2.24%	0.196%
68	13.374	1916	1919	1922	rBV3	52207	73939	2.45%	0.214%
69	13.404	1922	1924	1926	rBV2	58521	51148	1.69%	0.148%
70	13.504	1938	1941	1946	rVB	201480	225565	7.47%	0.653%
71	13.616	1956	1960	1963	rBV2	220577	285447	9.45%	0.827%

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Instrument : BNA_F
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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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72	13.645	1963	1965	1967	rVV	265815	218114	7.22%	0.632%
73	13.668	1967	1969	1973	rVV2	180898	246156	8.15%	0.713%
74	13.710	1973	1976	1983	rVB	237600	309221	10.24%	0.895%
75	13.863	1995	2002	2005	rBV2	2046951	3020428	100.00%	8.747%
76	13.892	2005	2007	2010	rVB	1127927	887028	29.37%	2.569%
77	13.968	2017	2020	2023	rVB	170612	147750	4.89%	0.428%
78	14.010	2024	2027	2029	rVV	92430	99550	3.30%	0.288%
79	14.051	2031	2034	2037	rVV2	115093	120565	3.99%	0.349%
80	14.086	2037	2040	2044	rVV2	105161	136216	4.51%	0.394%
81	14.121	2044	2046	2048	rVB3	45922	36121	1.20%	0.105%
82	14.216	2060	2062	2064	rBV	78402	78335	2.59%	0.227%
83	14.251	2064	2068	2071	rVV	293704	333254	11.03%	0.965%
84	14.286	2071	2074	2077	rVV	159121	182480	6.04%	0.528%
85	14.345	2081	2084	2086	rVV2	192383	225867	7.48%	0.654%
86	14.374	2086	2089	2091	rVV2	144304	184743	6.12%	0.535%
87	14.392	2091	2092	2096	rVB3	132088	123285	4.08%	0.357%
88	14.551	2116	2119	2121	rBV2	79456	95296	3.16%	0.276%
89	14.874	2170	2174	2184	rBV	852946	1705847	56.48%	4.940%
90	15.157	2218	2222	2228	rVB	427255	533062	17.65%	1.544%
91	15.215	2228	2232	2237	rBV	623344	775087	25.66%	2.245%
92	15.274	2237	2242	2245	rBV	794687	1009950	33.44%	2.925%
93	15.721	2315	2318	2322	rVB	97946	115303	3.82%	0.334%
94	16.627	2468	2472	2481	rVB2	232080	435366	14.41%	1.261%
95	17.039	2538	2542	2550	rVB	129036	252823	8.37%	0.732%

Sum of corrected areas: 34532157

LSC Report - Integrated Chromatogram

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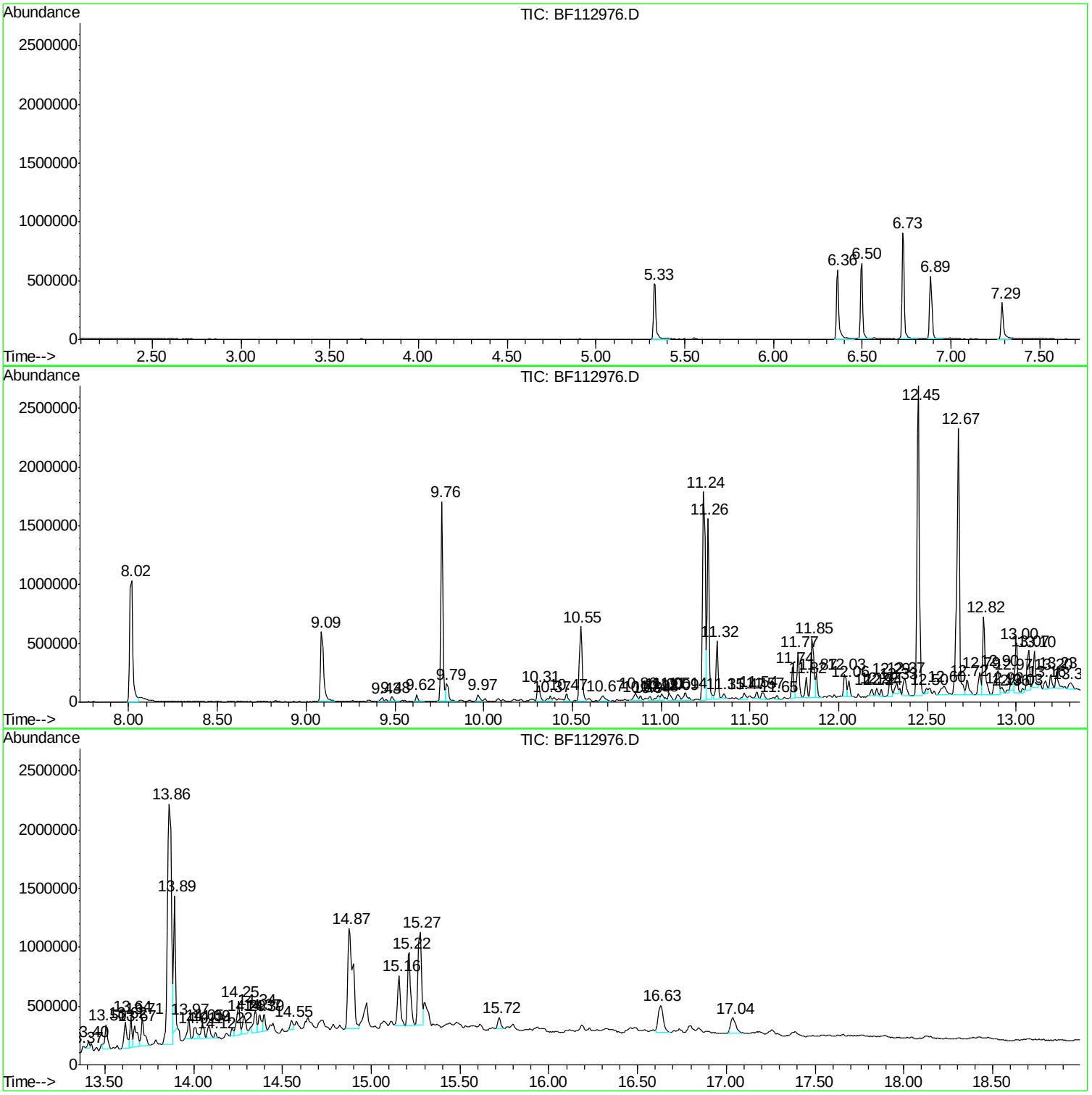
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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\BF031119\
Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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

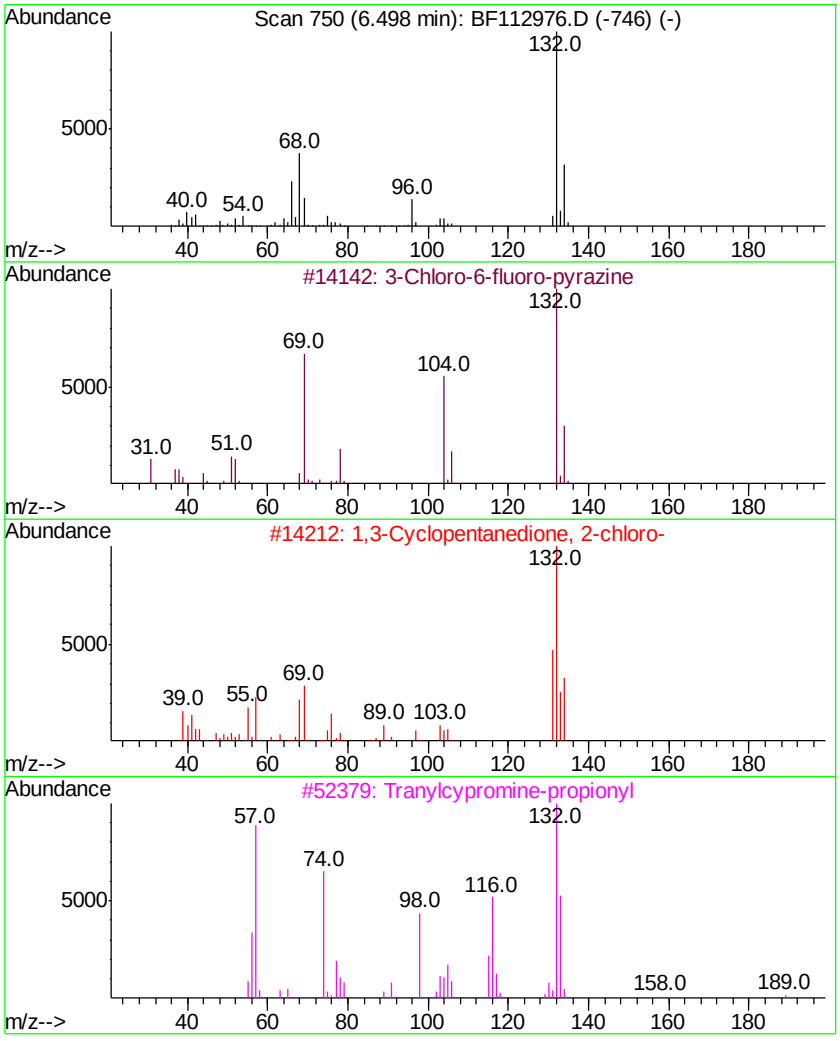
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

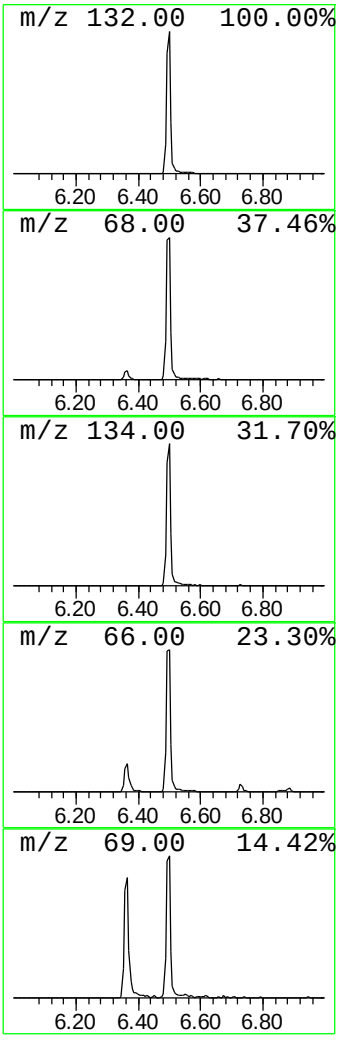
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	14.29 ng	607821	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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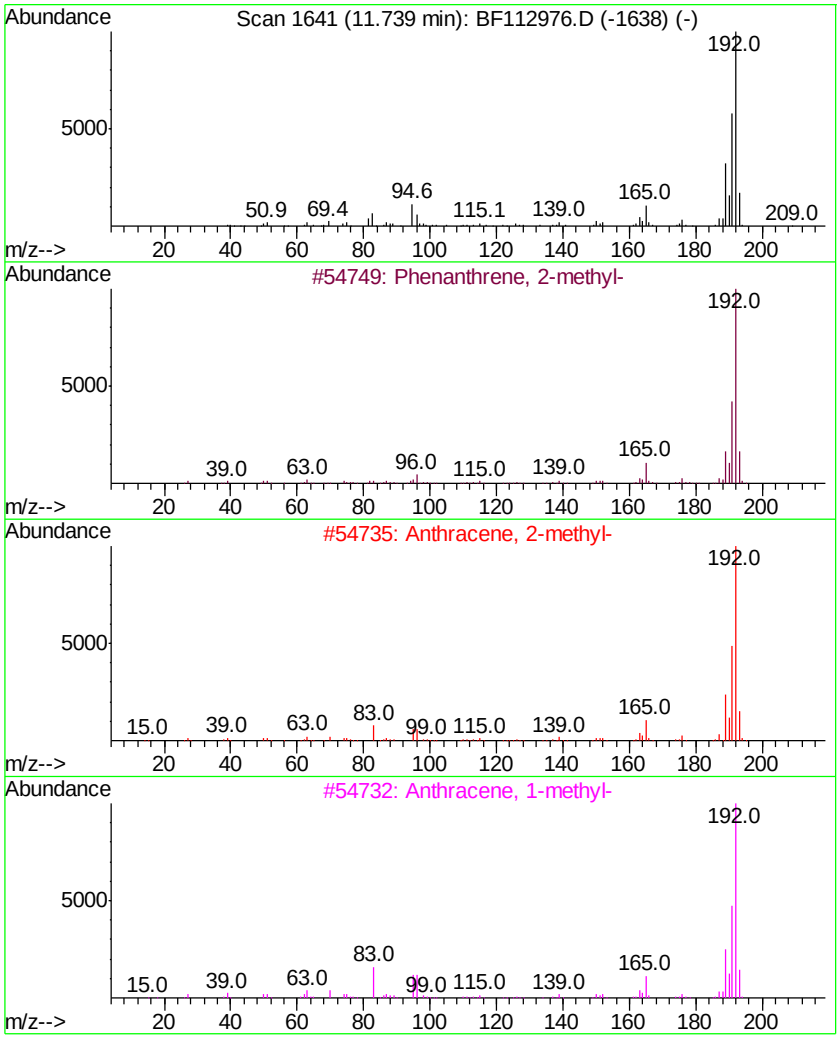
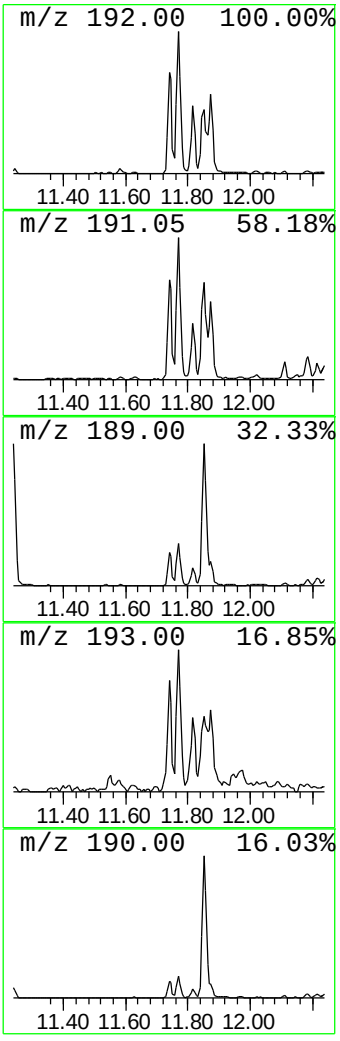
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.20 ng	256021	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Misc :
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Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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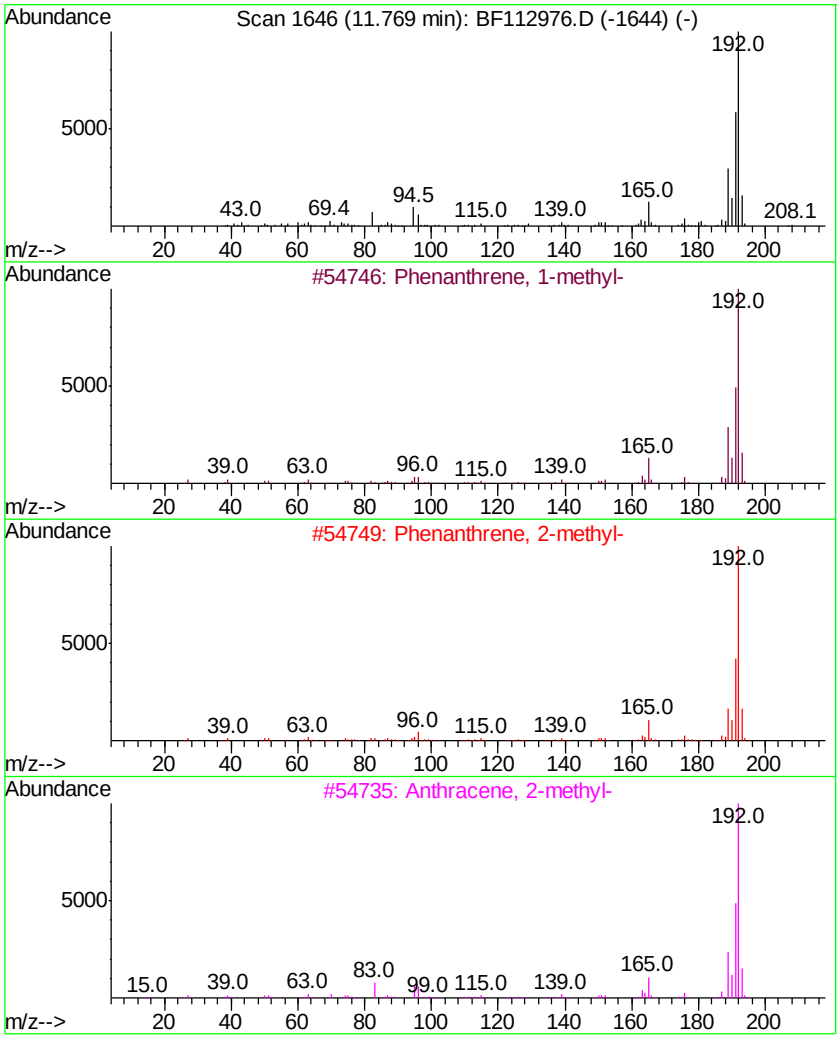
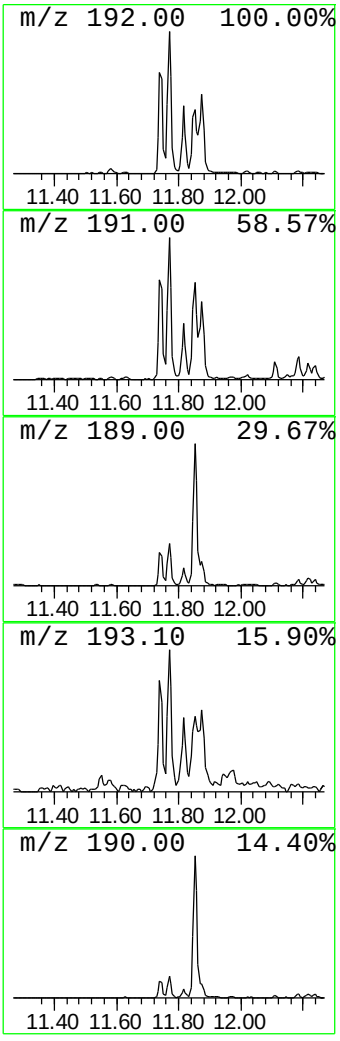
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.60 ng	368177	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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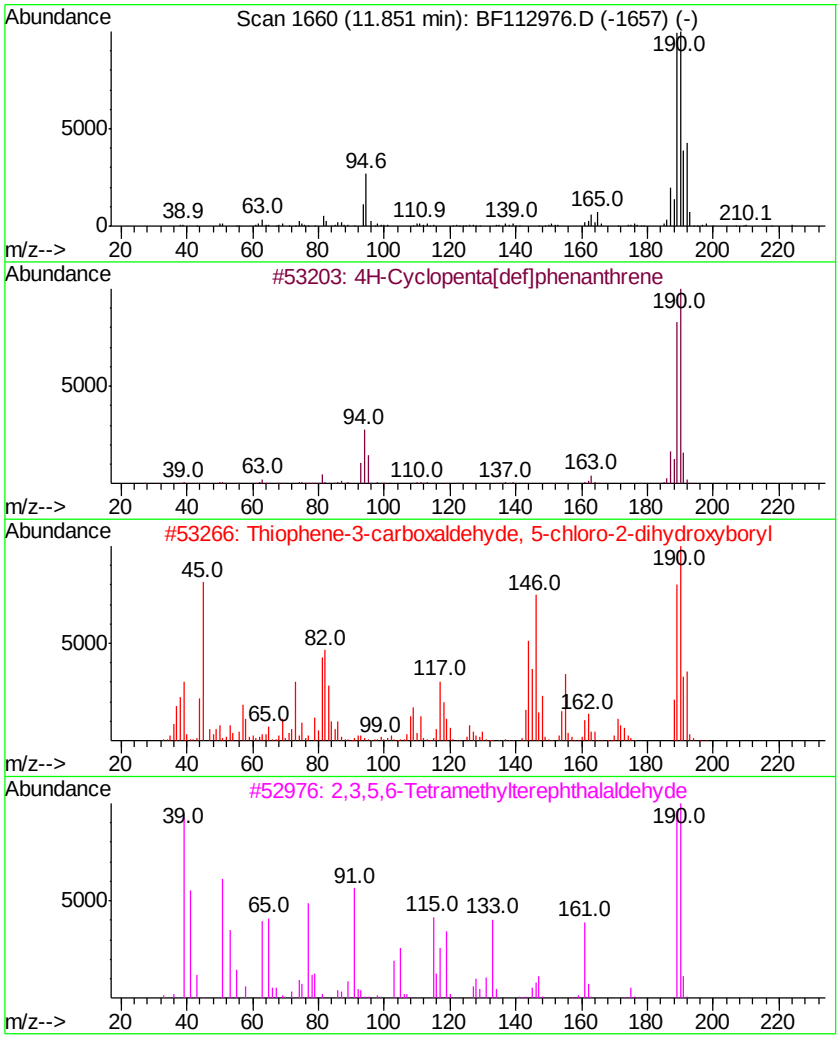
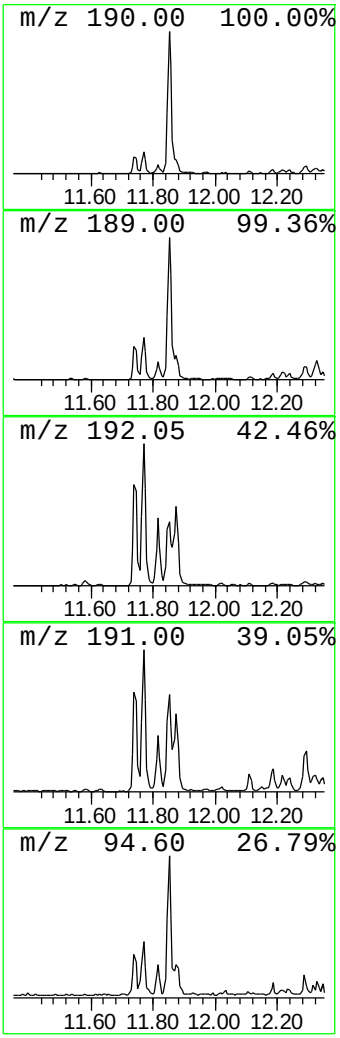
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	6.84 ng	547115	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	32
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30





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Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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

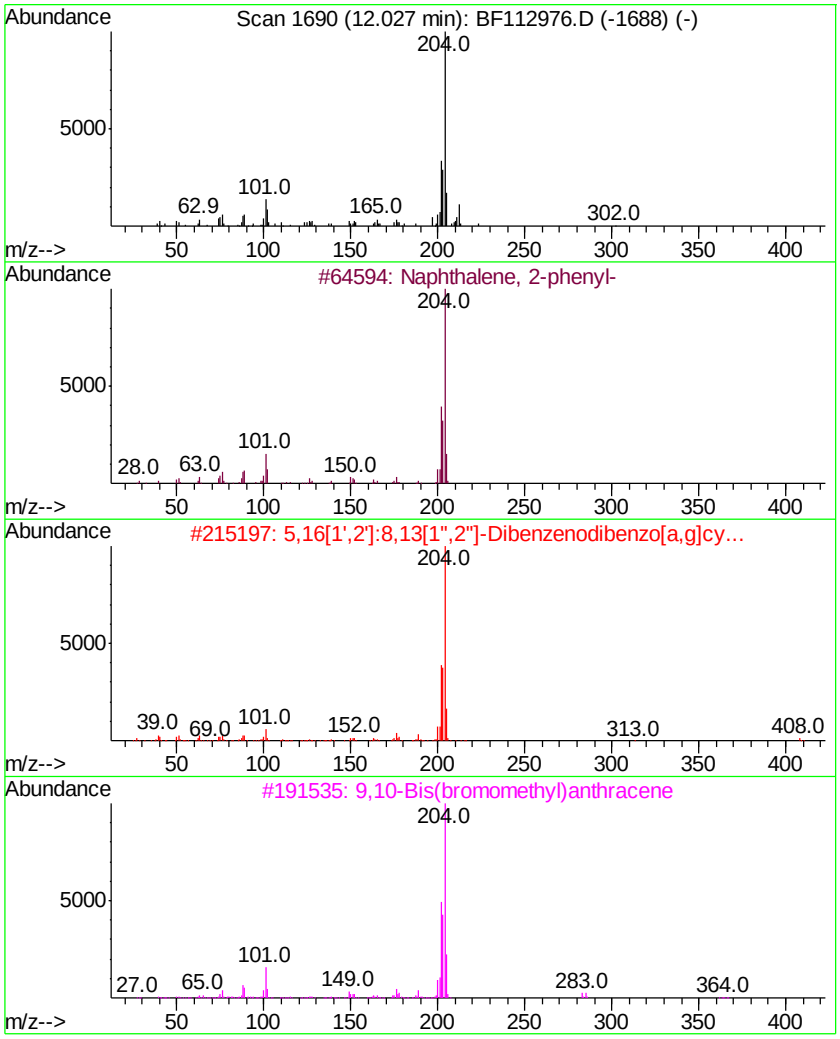
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

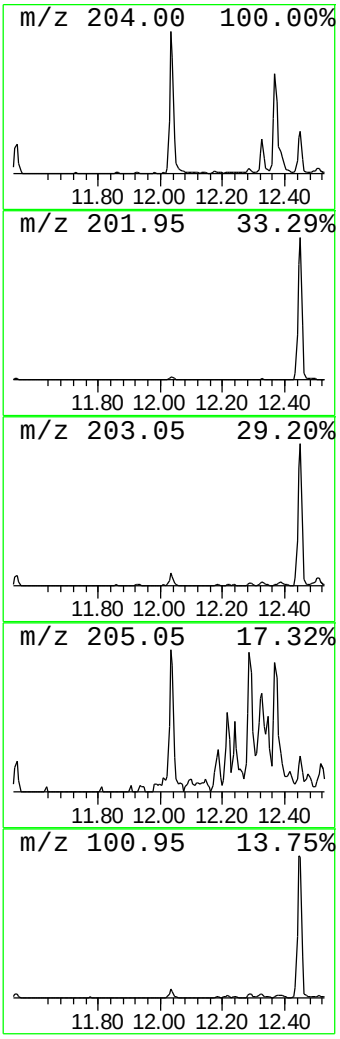
****

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.10 ng	167687	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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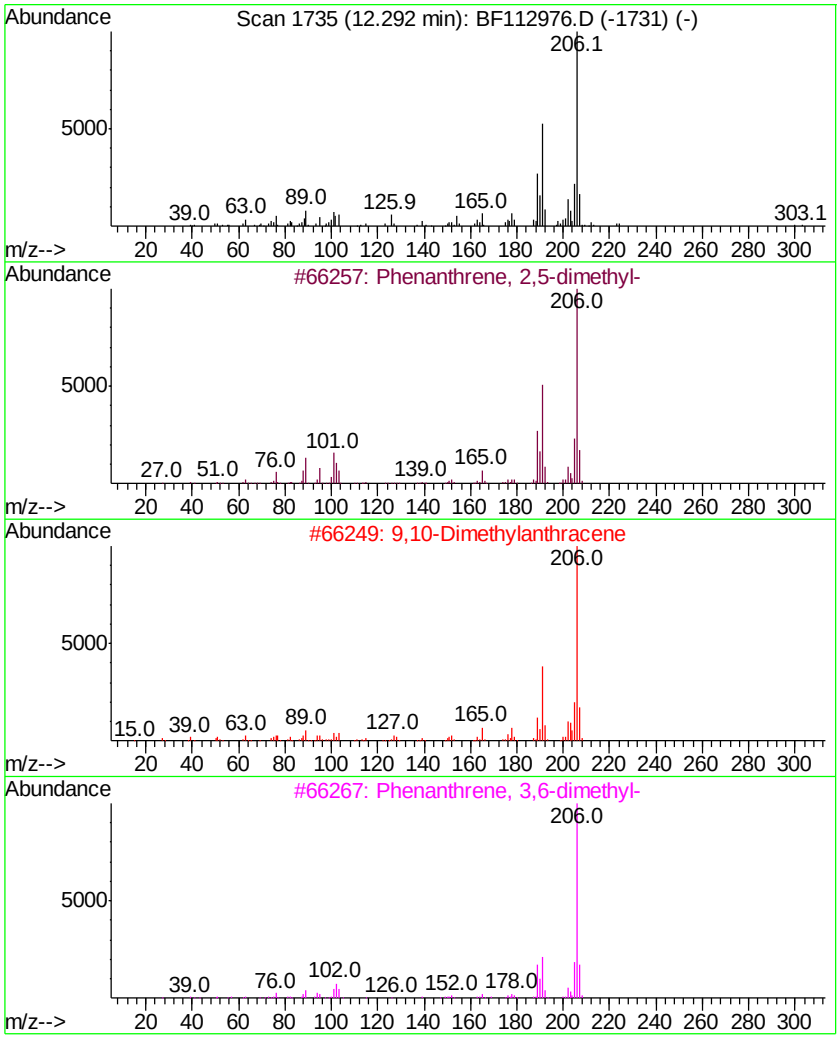
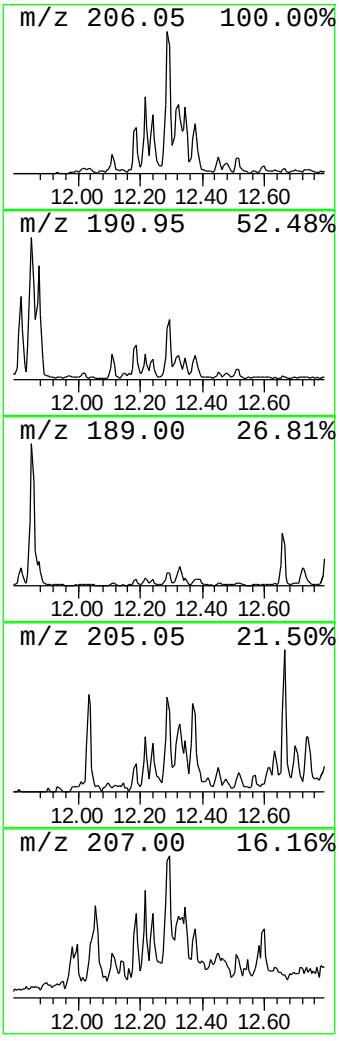
Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.11 ng	168528	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Acq On : 12 Mar 2019 1:06
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Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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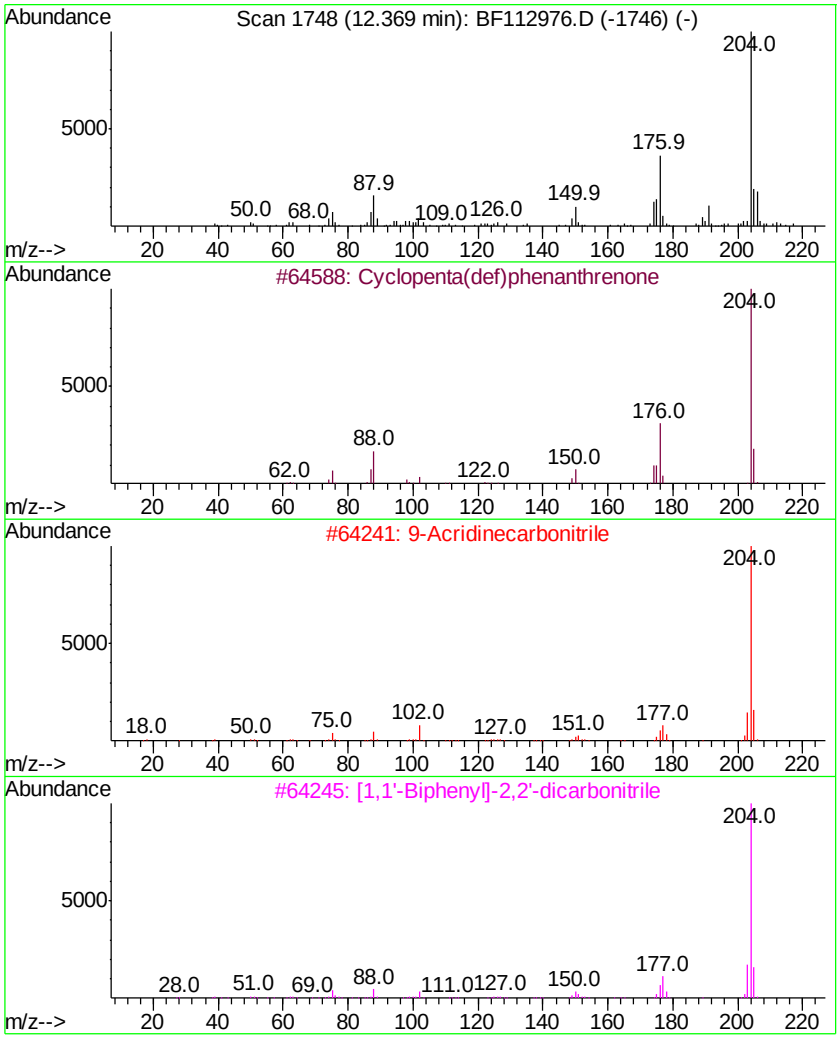
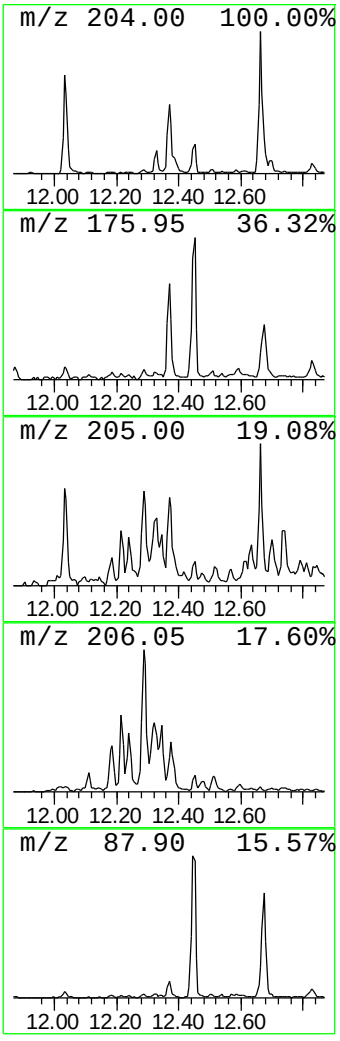
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.25 ng	179786	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





Library Search Compound Report

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Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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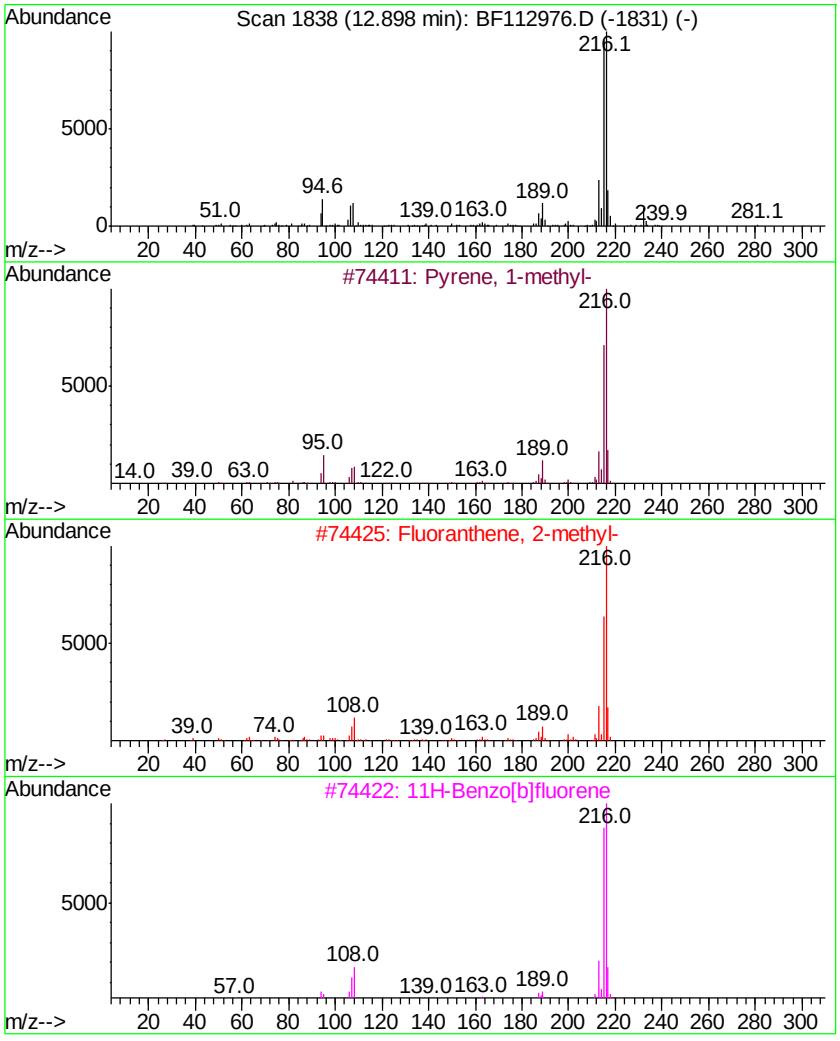
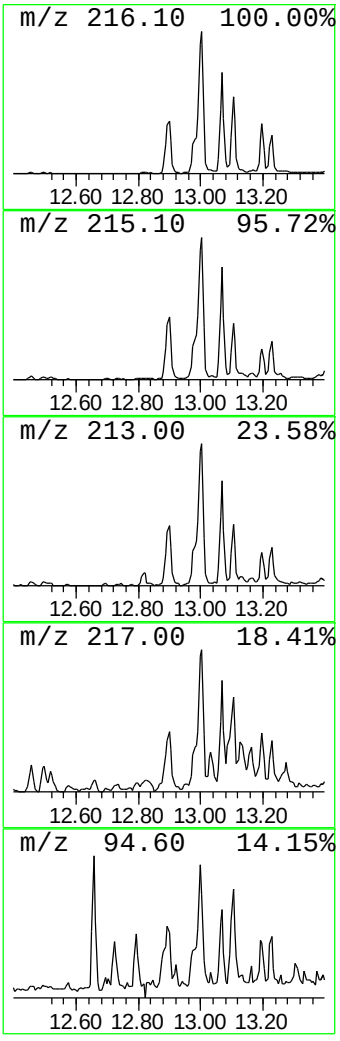
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.22 ng	335185	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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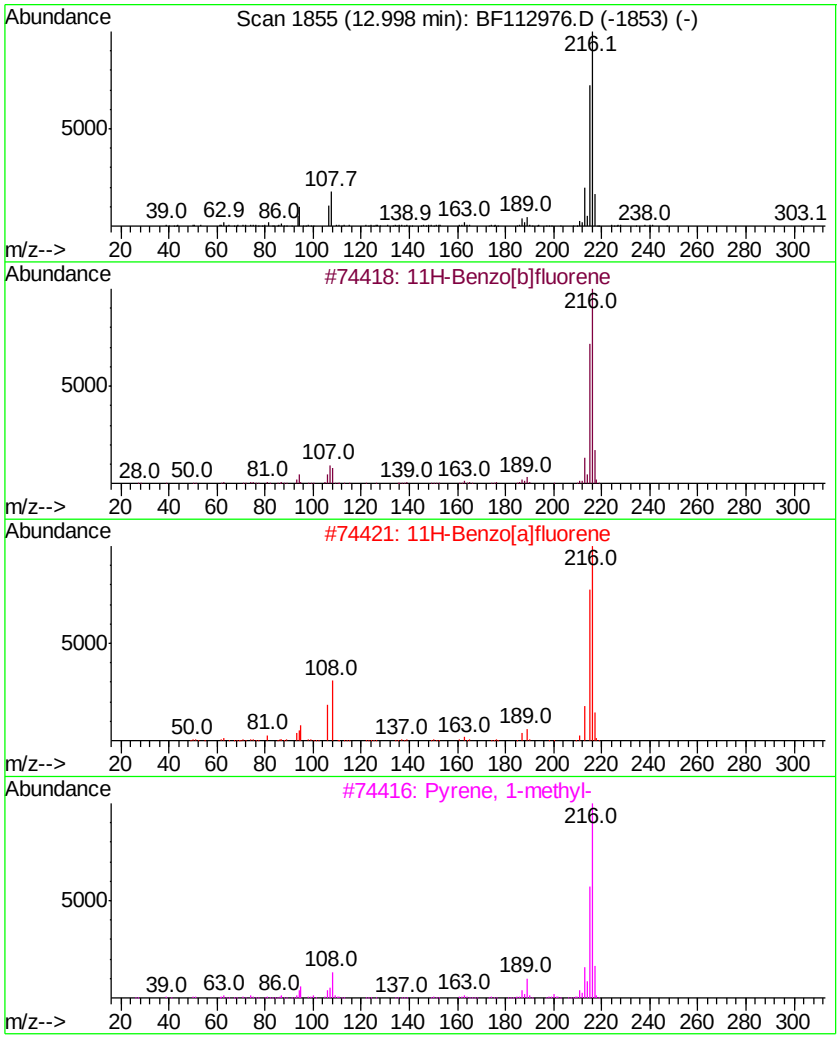
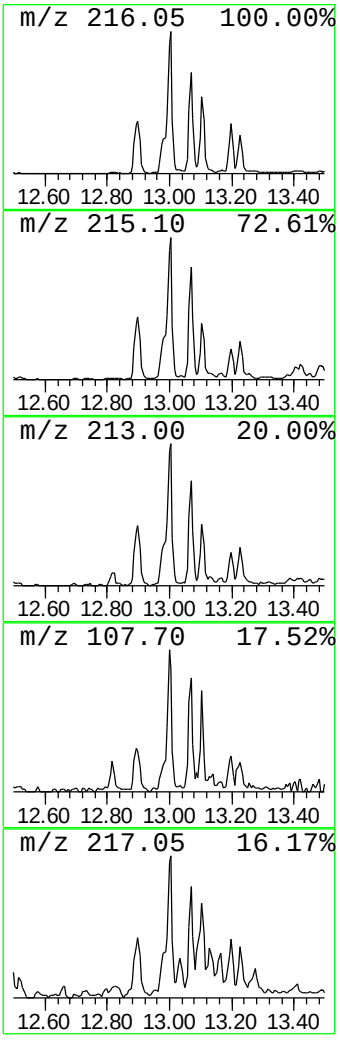
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.81 ng	424698	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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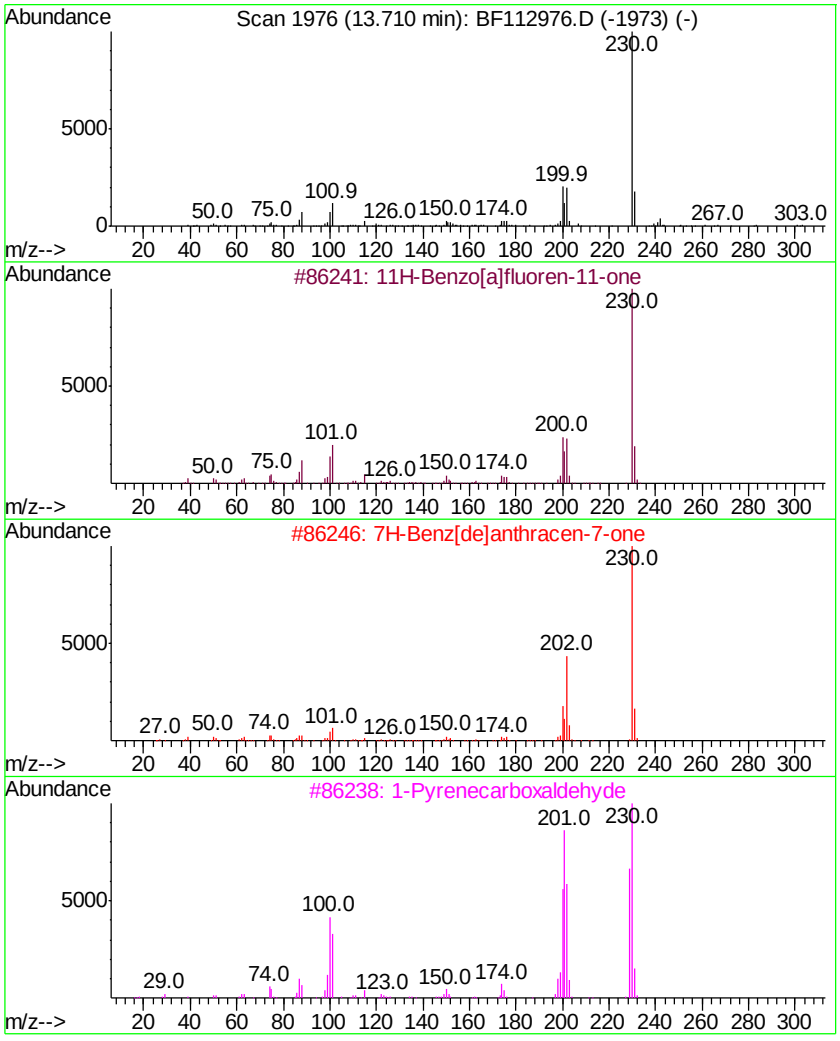
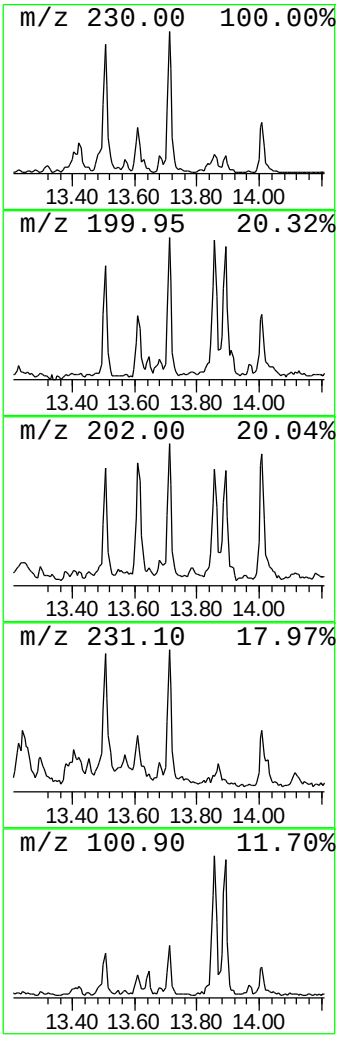
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.05 ng	309221	Chrysene-d12	13.87

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	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	64





Library Search Compound Report

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Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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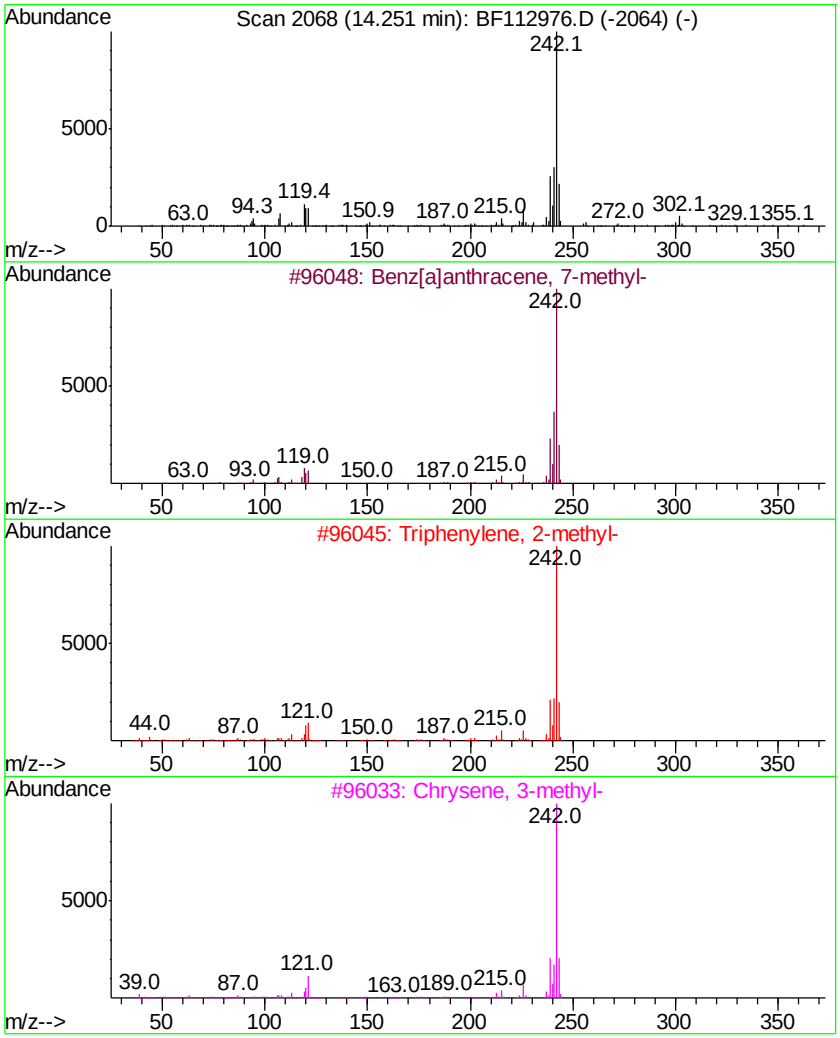
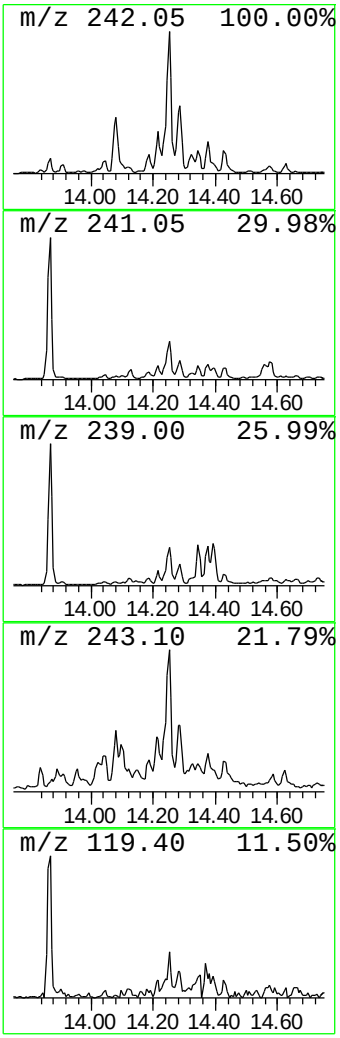
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.21 ng	333254	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	92
5	Benzo[c]phenanthrene, 3-methyl-	242	C19H14	002381-19-3	89





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Operator : JU/SJ
Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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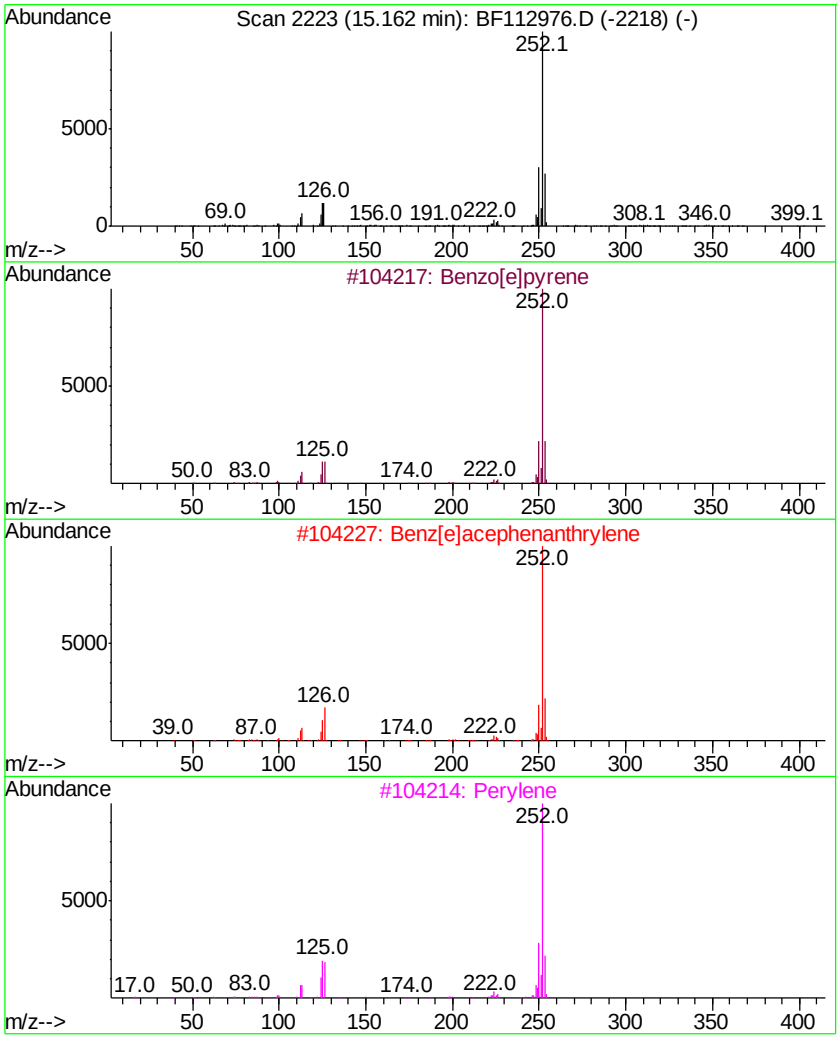
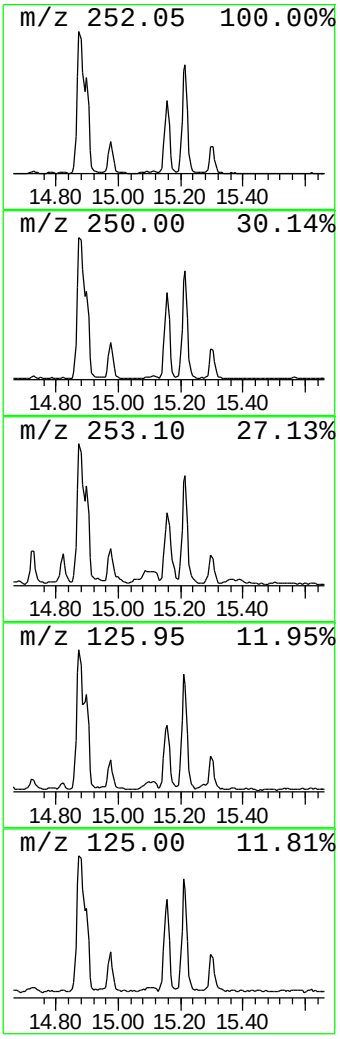
Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	10.56 ng	533062	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Sample : K1785-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD1-0.0-0.5

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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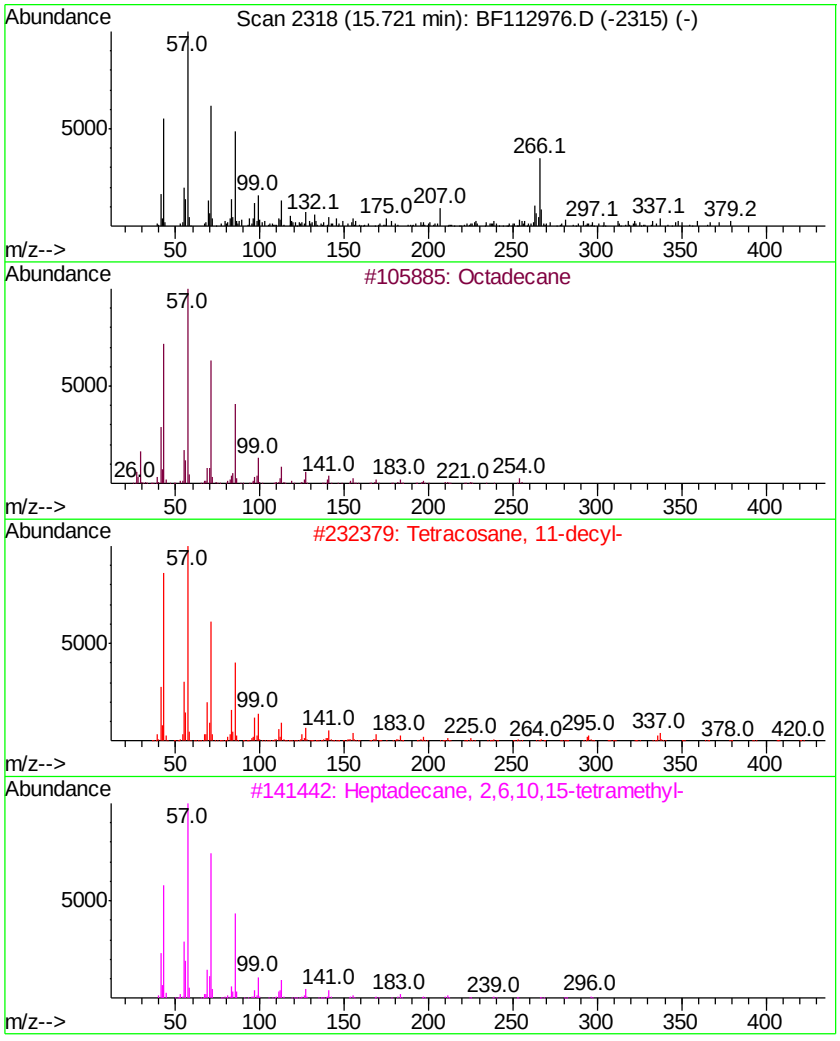
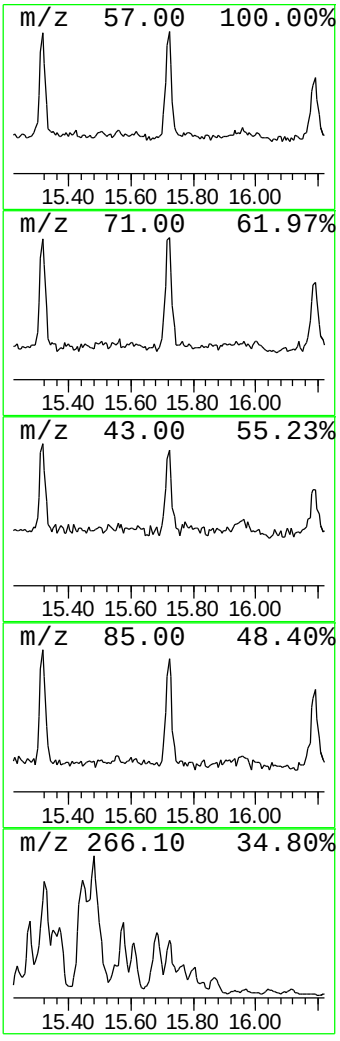
Peak Number 14 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.28 ng	115303	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	62
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	58
5	Eicosane, 10-butyl-10-propyl-	380	C27H56	055282-33-2	58





Tentatively Identified Compound (LSC) summary

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Data File : BF112976.D
Acq On : 12 Mar 2019 1:06
Operator : JU/SJ
Sample : K1785-07 5X
Misc :
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Instrument : BNA_F
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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
unknown6.50	6.50	14.3	ng	607821	1	6.73	850937	20.0
Phenanthrene, 2-m...	11.74	3.2	ng	256021	4	11.24	1599430	20.0
Phenanthrene, 1-m...	11.77	4.6	ng	368177	4	11.24	1599430	20.0
4H-Cyclopenta[def...	11.85	6.8	ng	547115	4	11.24	1599430	20.0
5,16[1',2']:8,13[...	12.03	2.1	ng	167687	4	11.24	1599430	20.0
Phenanthrene, 2,5...	12.29	2.1	ng	168528	4	11.24	1599430	20.0
Cyclopenta(def)ph...	12.37	2.3	ng	179786	4	11.24	1599430	20.0
Pyrene, 1-methyl-	12.90	2.2	ng	335185	5	13.87	3020430	20.0
11H-Benzo[b]fluorene	13.00	2.8	ng	424698	5	13.87	3020430	20.0
11H-Benzo[a]fluor...	13.71	2.0	ng	309221	5	13.87	3020430	20.0
Benz[a]anthracene...	14.25	2.2	ng	333254	5	13.87	3020430	20.0
Benzo[e]pyrene	15.16	10.6	ng	533062	6	15.27	1009950	20.0
Octadecane	15.72	2.3	ng	115303	6	15.27	1009950	20.0