LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122948.D
Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	18	23	30	rVB	430460	549429	15.15%	0.909%
2	5.140	511	519	525	rVB	72584	96674	2.67%	0.160%
3	5.528	580	585	589	rBV	3142147	3203416	88.35%	5.300%
4	6.528	750	755	760	rBV	3166255	3293023	90.82%	5.448%
5	6.916	817	821	824	rBV	1399079	1051475	29.00%	1.740%
6	7.475	910	916	919	rBV	2317934	2016690	55.62%	3.336%
7	8.198	1035	1039	1042	rBV	1723151	1395499	38.49%	2.309%
8	9.275	1217	1222	1226	rBV	3932149	3532435	97.43%	5.844%
9	9.363	1233	1237	1243	rBV4	51033	79569	2.19%	0.132%
10	9.539	1259	1267	1271	rBV2	42718	60927	1.68%	0.101%
11	9.616	1276	1280	1282	rVV	82034	72941	2.01%	0.121%
12	9.669	1286	1289	1293	rVB	61325	60440	1.67%	0.100%
13	9.757	1302	1304	1309	rVB3	48331	47251	1.30%	0.078%
14	9.957	1332	1338	1341	rBV	1878846	1576381	43.48%	2.608%
15	9.992	1341	1344	1347	rVB	228402	201132	5.55%	0.333%
16	10.163	1369	1373	1376	rVB	139979	128911	3.56%	0.213%
17	10.198	1376	1379	1387	rVB	54315	48219	1.33%	0.080%
18	10.369	1403	1408	1410	rBV2	64844	79310	2.19%	0.131%
19	10.504	1428	1431	1437	rVB	219185	193360	5.33%	0.320%
20	10.574	1437	1443	1444	rBV2	52027	73864	2.04%	0.122%
21	10.663	1456	1458	1462	rVB	136887	112682	3.11%	0.186%
22	10.745	1467	1472	1477	rBV	2765146	2375239	65.51%	3.930%
23	10.869	1491	1493	1498	rVB3	64928	70085	1.93%	0.116%
24	11.057	1521	1525	1527	rVB2	67256	61382	1.69%	0.102%
25	11.186	1542	1547	1549	rBV3	69332	95861	2.64%	0.159%
26	11.251	1555	1558	1562	rVB	129104	131878	3.64%	0.218%
27	11.298	1562	1566	1571	rVV3	83282	150465	4.15%	0.249%
28	11.345	1571	1574	1579	rVB	188890	173157	4.78%	0.286%
29	11.451	1587	1592	1594	rBV	1615576	1708627	47.13%	2.827%
30	11.474	1594	1596	1599	rVV	3453830	2547940	70.27%	4.215%
31	11.521	1601	1604	1607	rVV	895533	758280	20.91%	1.254%
32	11.557	1607	1610	1613	rVB2	39623	44957	1.24%	0.074%
33	11.674	1626	1630	1632	rBV	73543	70642	1.95%	0.117%
34	11.745	1640	1642	1645	rBV	93608	74585	2.06%	0.123%
35	11.780	1645	1648	1653	rVB2	87749	78931	2.18%	0.131%
36	11.904	1666	1669	1671	rBV	42347	42209	1.16%	0.070%

LSC Area Percent Report

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Data File : BF122948.D
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Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

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-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.951	1674	1677	1679	rVV	413030	358735	9.89%	0.593%
38	11.980	1679	1682	1686	rVV	632903	618544	17.06%	1.023%
39	12.027	1686	1690	1692	rVV	226242	199923	5.51%	0.331%
40	12.063	1692	1696	1699	rVV	546525	639517	17.64%	1.058%
41	12.086	1699	1700	1704	rVB	280063	156948	4.33%	0.260%
42	12.151	1704	1711	1714	rBV3	41582	72861	2.01%	0.121%
43	12.245	1724	1727	1729	rBV	280651	257968	7.11%	0.427%
44	12.268	1729	1731	1736	rVB2	229584	217648	6.00%	0.360%
45	12.327	1738	1741	1744	rBV2	41031	50788	1.40%	0.084%
46	12.398	1751	1753	1755	rBV	90163	63738	1.76%	0.105%
47	12.439	1756	1760	1765	rVB2	324223	402211	11.09%	0.665%
48	12.498	1766	1770	1774	rBV2	205804	282004	7.78%	0.467%
49	12.539	1774	1777	1780	rVV2	116900	147393	4.07%	0.244%
50	12.586	1782	1785	1791	rVB2	245497	248239	6.85%	0.411%
51	12.668	1795	1799	1802	rBV	4033626	3625727	100.00%	5.998%
52	12.792	1817	1820	1822	rBV2	68976	78634	2.17%	0.130%
53	12.821	1822	1825	1827	rVV	102469	100033	2.76%	0.165%
54	12.898	1832	1838	1841	rBV2	3383203	3599755	99.28%	5.955%
55	12.945	1843	1846	1851	rVB2	148132	177859	4.91%	0.294%
56	13.015	1854	1858	1859	rBV	212383	189578	5.23%	0.314%
57	13.039	1859	1862	1866	rVB	3472015	3068024	84.62%	5.076%
58	13.115	1869	1875	1878	rBV3	221671	384142	10.59%	0.636%
59	13.198	1886	1889	1891	rBV2	163317	190878	5.26%	0.316%
60	13.221	1891	1893	1896	rVB	349266	324111	8.94%	0.536%
61	13.292	1902	1905	1907	rVB	183570	155706	4.29%	0.258%
62	13.327	1907	1911	1914	rBV2	347361	344499	9.50%	0.570%
63	13.357	1914	1916	1918	rVB	91289	71628	1.98%	0.118%
64	13.386	1918	1921	1924	rBV3	67918	64825	1.79%	0.107%
65	13.421	1924	1927	1930	rBV	155825	115896	3.20%	0.192%
66	13.451	1930	1932	1936	rBV2	172223	160186	4.42%	0.265%
67	13.527	1942	1945	1949	rVB3	70076	81153	2.24%	0.134%
68	13.604	1955	1958	1959	rBV2	47990	54183	1.49%	0.090%
69	13.727	1976	1979	1984	rVB	303747	290171	8.00%	0.480%
70	13.845	1994	1999	2002	rBV2	253406	380629	10.50%	0.630%
71	13.874	2002	2004	2006	rVV	277086	234605	6.47%	0.388%
72	13.898	2006	2008	2012	rVV2	230551	305365	8.42%	0.505%
73	13.939	2012	2015	2022	rVB2	731070	736732	20.32%	1.219%
74	14.092	2034	2041	2044	rBV3	2288634	3332683	91.92%	5.514%
75	14.121	2044	2046	2052	rVB	1395499	1418431	39.12%	2.347%
76	14.204	2058	2060	2063	rBV	220175	156641	4.32%	0.259%

LSC Area Percent Report

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Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.280	2071	2073	2076	rVB2	132555	118905	3.28%	0.197%
78	14.315	2076	2079	2083	rBV2	178582	210710	5.81%	0.349%
79	14.357	2083	2086	2088	rVB2	59252	56313	1.55%	0.093%
80	14.451	2099	2102	2103	rBV	71004	63825	1.76%	0.106%
81	14.486	2105	2108	2110	rVV	276538	235922	6.51%	0.390%
82	14.515	2111	2113	2117	rVB	161633	151814	4.19%	0.251%
83	14.580	2121	2124	2127	rVB2	163171	163554	4.51%	0.271%
84	14.609	2127	2129	2131	rBV	144896	133900	3.69%	0.222%
85	14.686	2137	2142	2148	rVB4	87043	148261	4.09%	0.245%
86	14.792	2157	2160	2164	rBV2	117965	155339	4.28%	0.257%
87	14.880	2172	2175	2179	rBV4	86569	110084	3.04%	0.182%
88	14.968	2187	2190	2196	rBV3	141758	239015	6.59%	0.395%
89	15.157	2216	2222	2225	rBV	1254399	2138555	58.98%	3.538%
90	15.262	2237	2240	2247	rVB	359129	411653	11.35%	0.681%
91	15.351	2253	2255	2257	rBV3	63049	70294	1.94%	0.116%
92	15.462	2270	2274	2280	rVB	744697	971171	26.79%	1.607%
93	15.527	2280	2285	2291	rVV	1129454	1351018	37.26%	2.235%
94	15.592	2291	2296	2299	rVV2	1132227	1403989	38.72%	2.323%
95	15.621	2299	2301	2308	rVB2	341771	445169	12.28%	0.736%
96	16.139	2386	2389	2391	rBV3	64968	82025	2.26%	0.136%
97	17.092	2545	2551	2560	rVB2	517736	1045165	28.83%	1.729%
98	17.274	2579	2582	2587	rVB	74832	111348	3.07%	0.184%
99	17.550	2623	2629	2645	rVB	412107	875650	24.15%	1.449%
100	17.786	2665	2669	2676	rVB	78962	135546	3.74%	0.224%

Sum of corrected areas: 60445682

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
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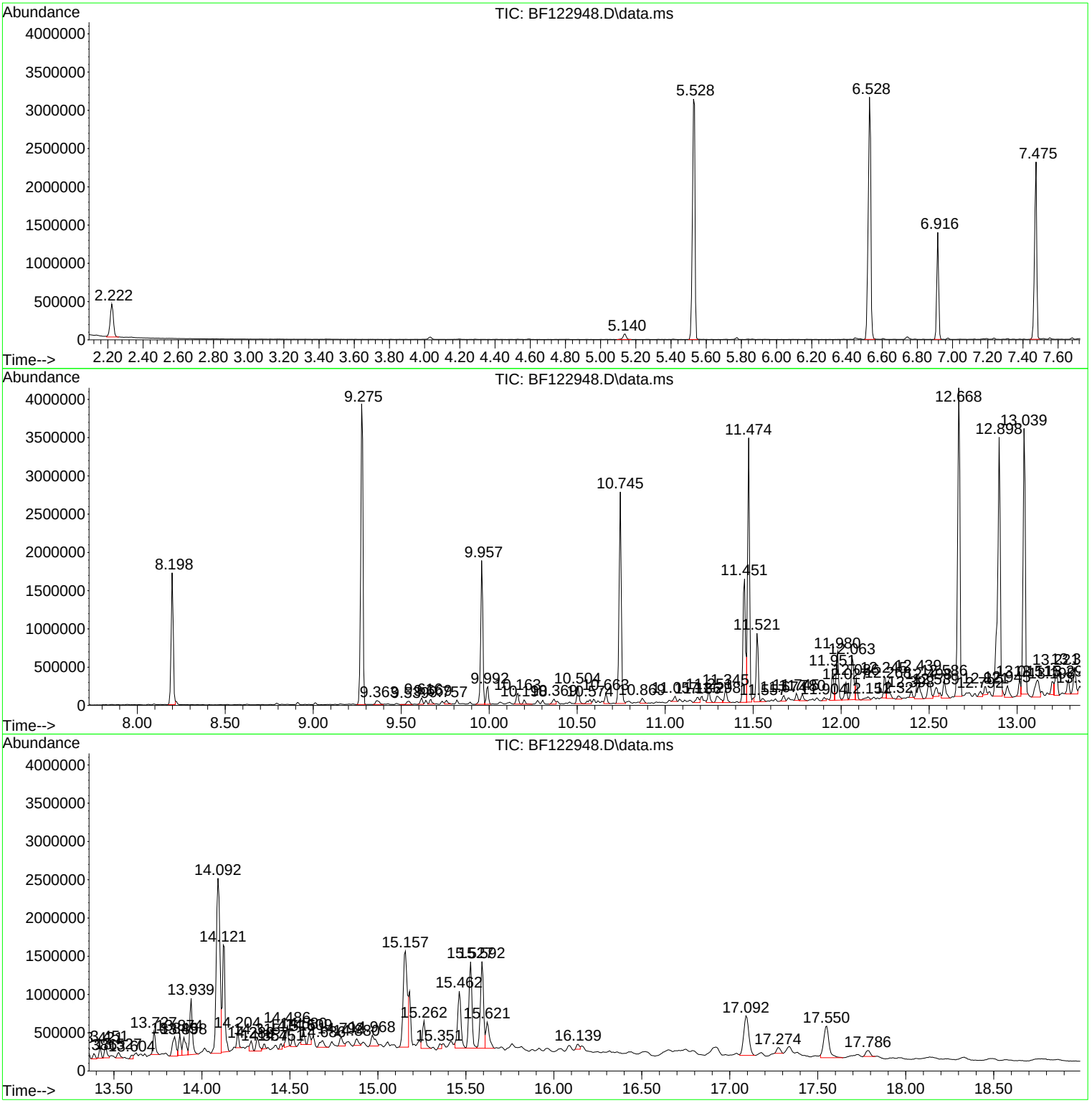
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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\BF010821\
Data File : BF122948.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

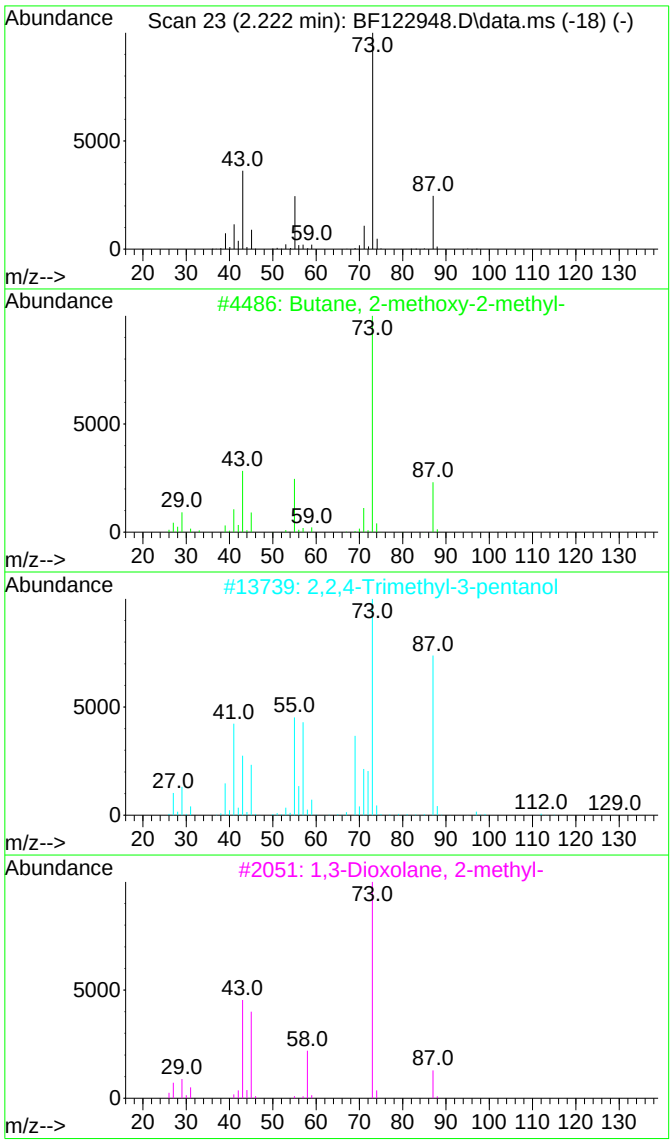
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

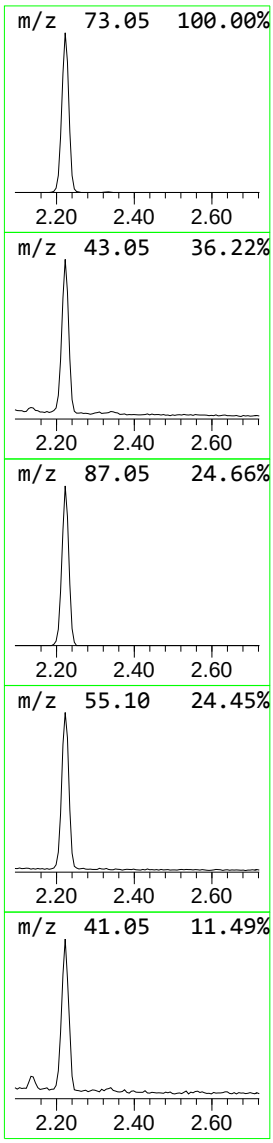
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	10.45 ng	549429	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122948.D
Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

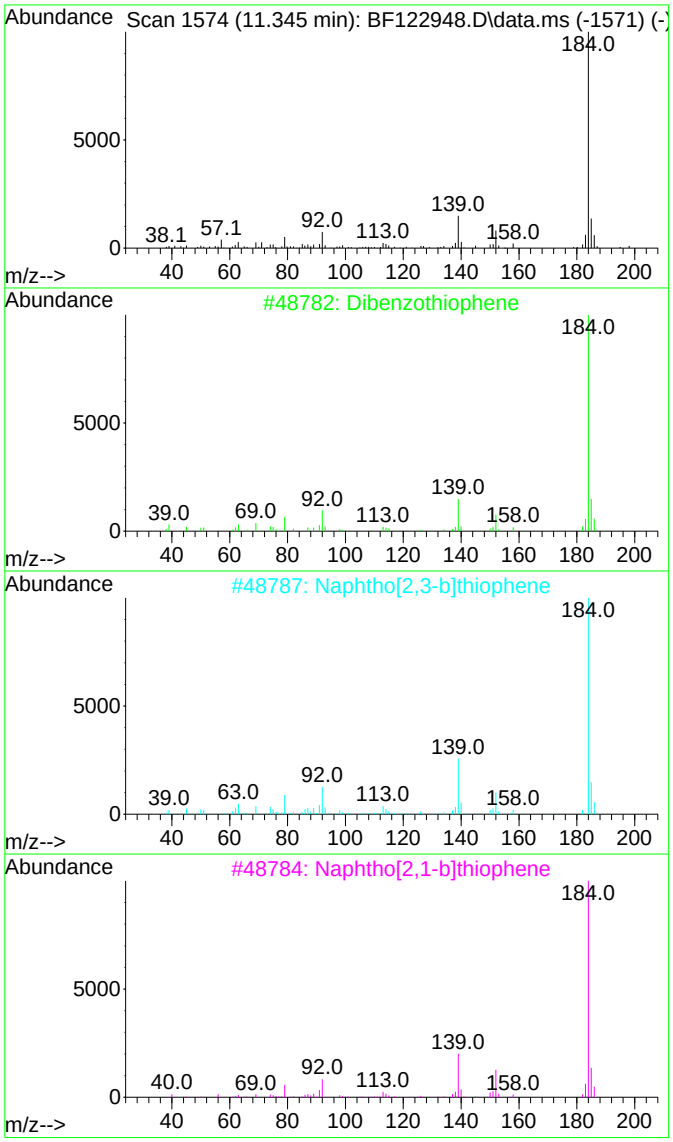
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

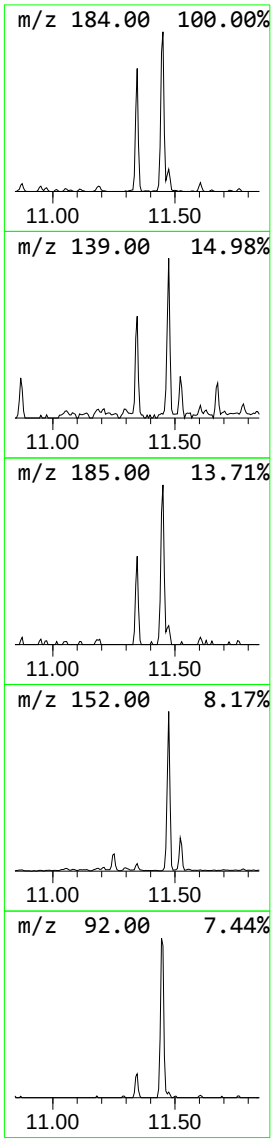
****

Peak Number 3 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	2.03 ng	173157	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
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Acq On : 8 Jan 2021 19:03
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Sample : M1042-02
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Instrument : BNA_F
ClientSampleId : 11939

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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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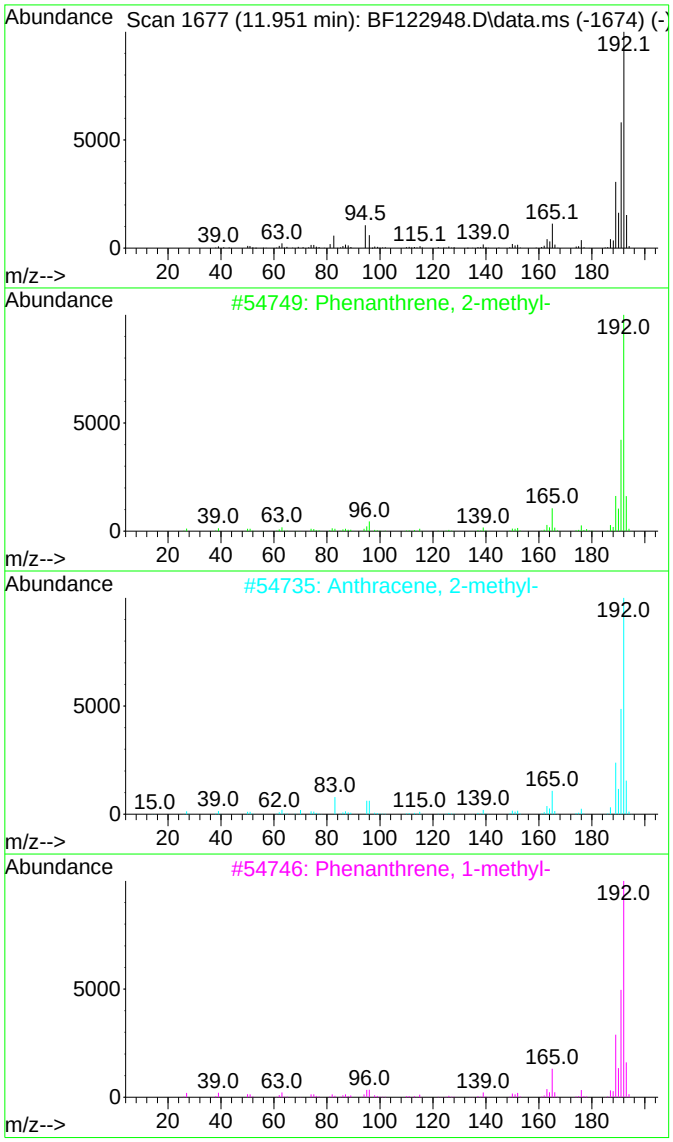
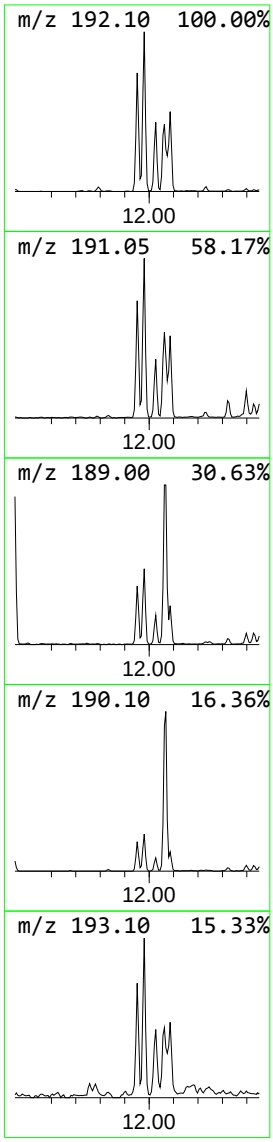
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.20 ng	358735	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122948.D
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Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

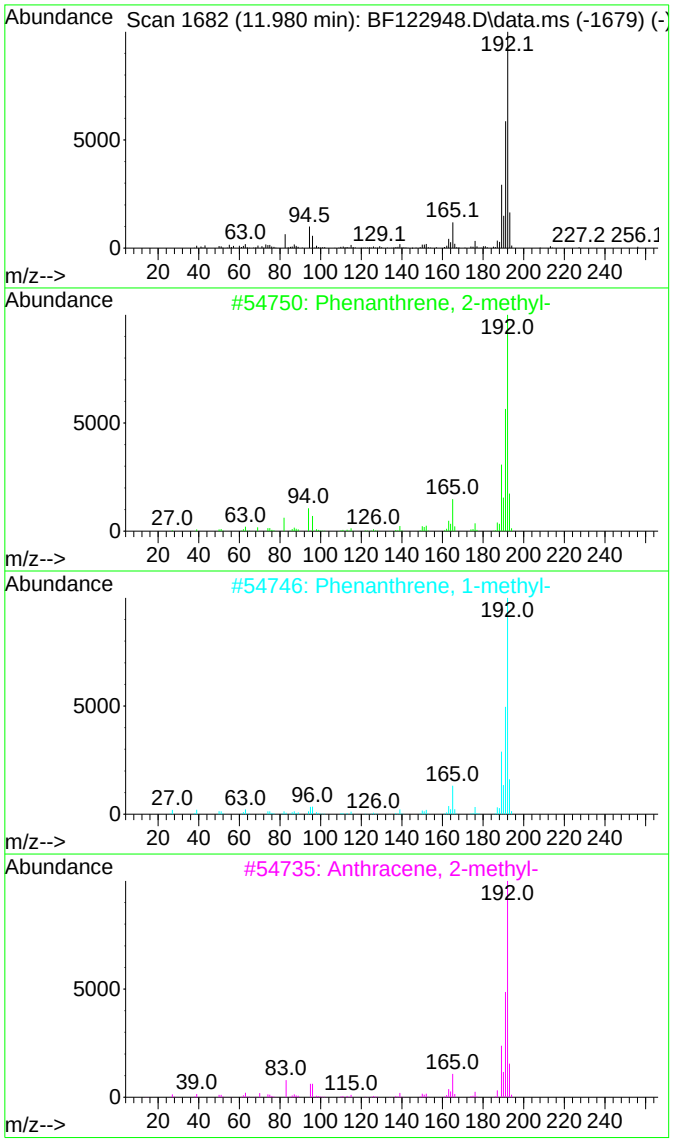
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

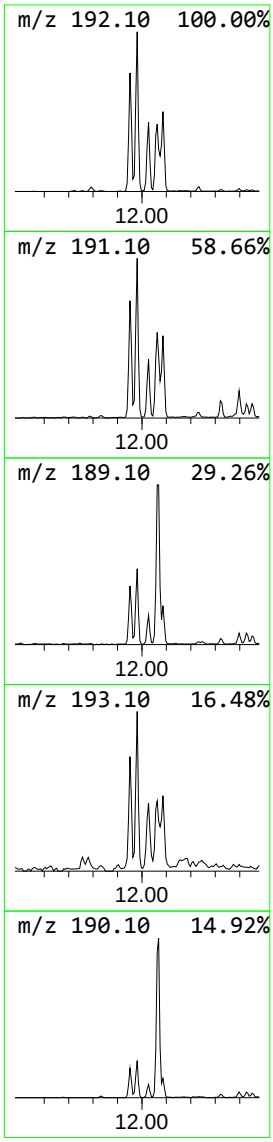
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	7.24 ng	618544	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122948.D
Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

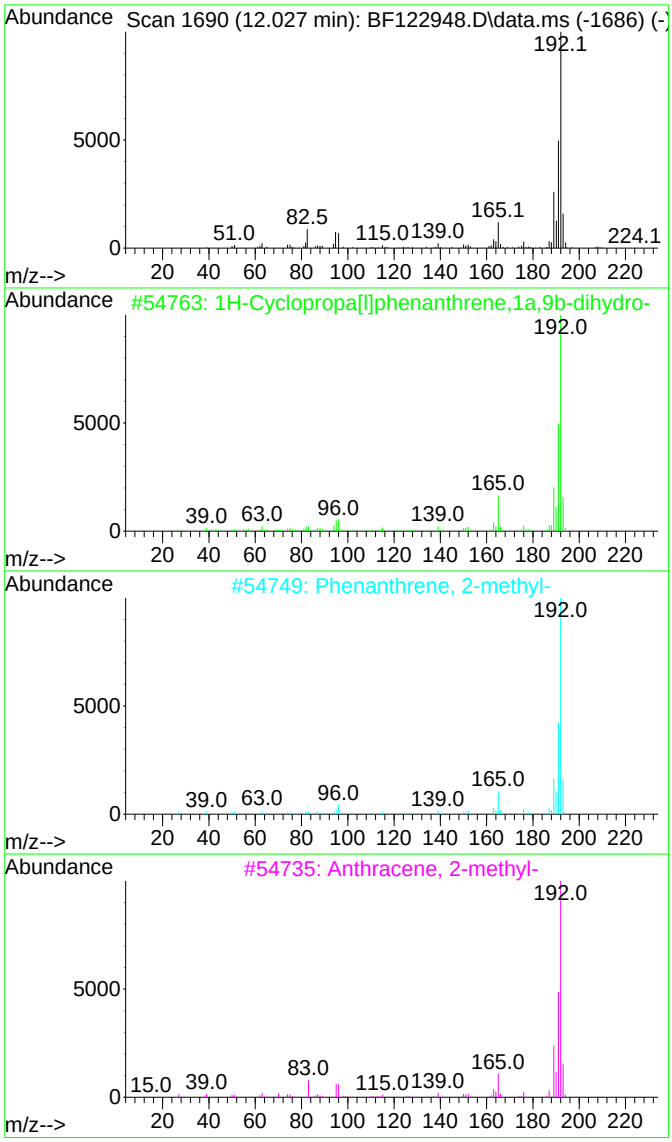
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

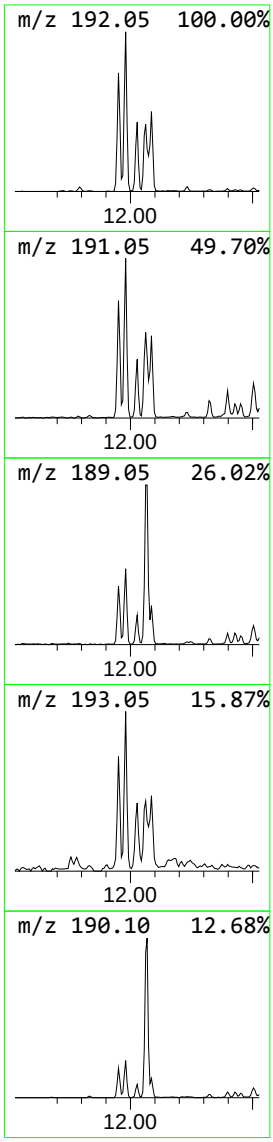
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	2.34 ng	199923	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
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Instrument : BNA_F
ClientSampleId : 11939

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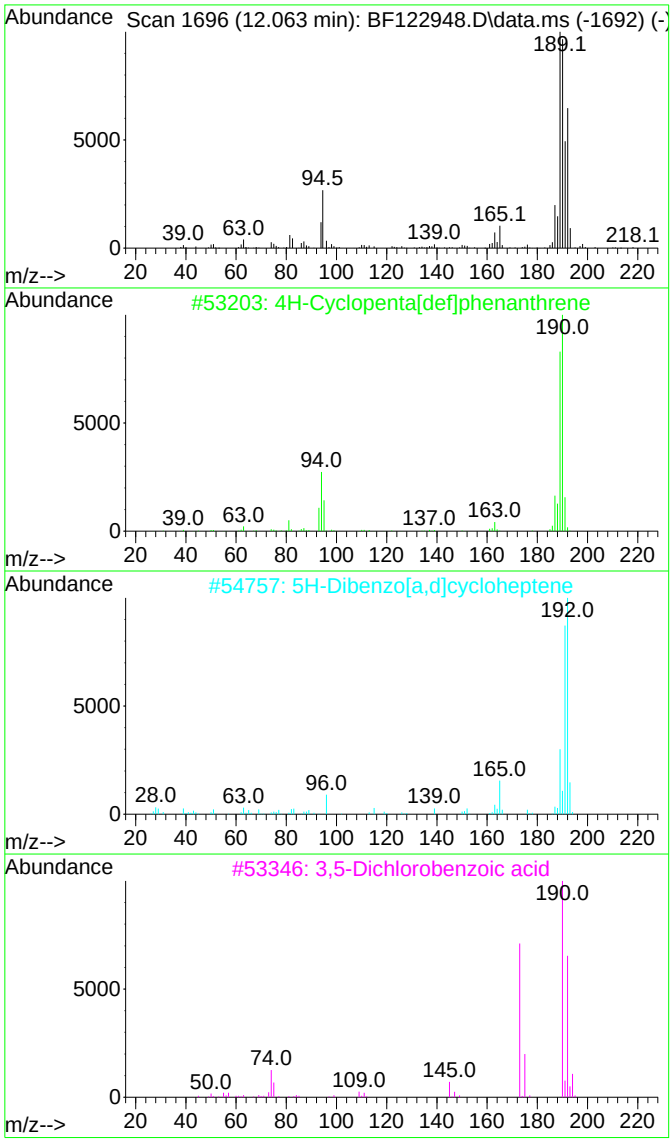
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

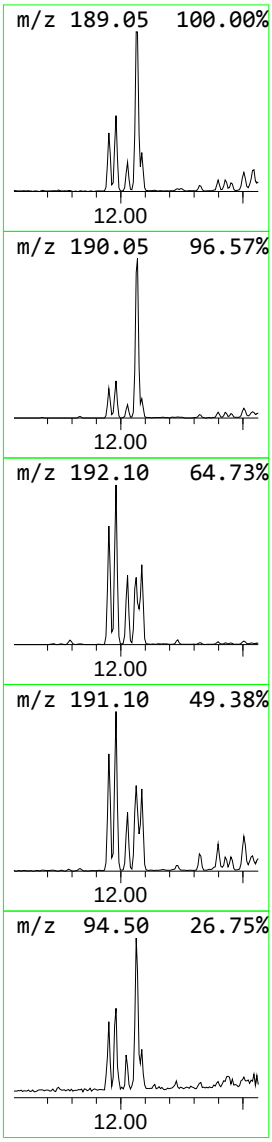
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	7.49 ng	639517	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20





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Misc :
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Instrument : BNA_F
ClientSampleId : 11939

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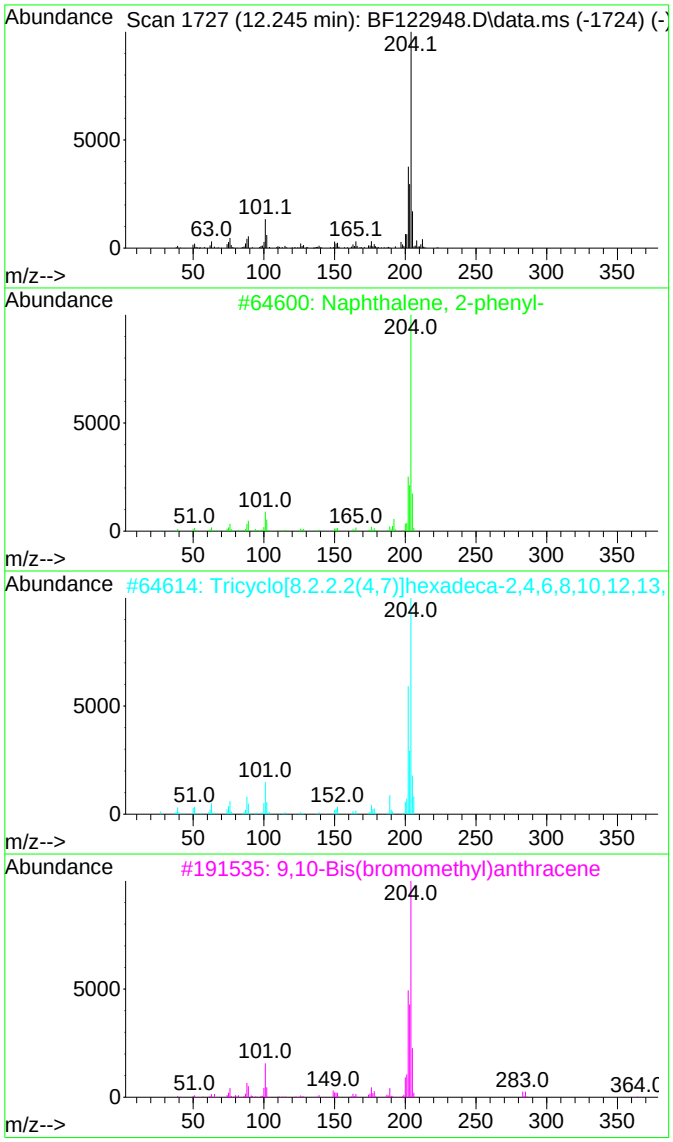
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

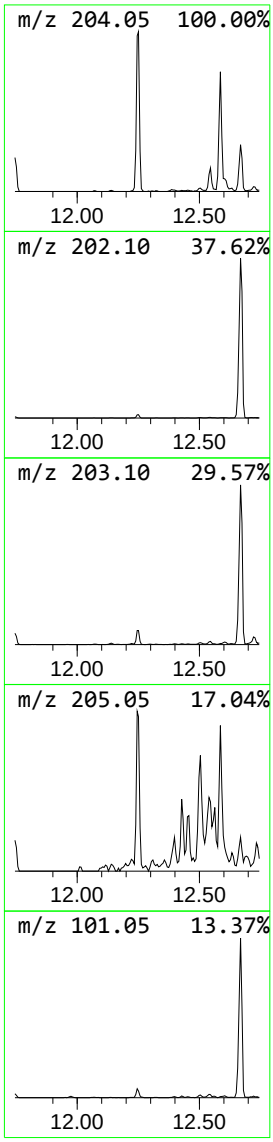
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	3.02 ng	257968	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

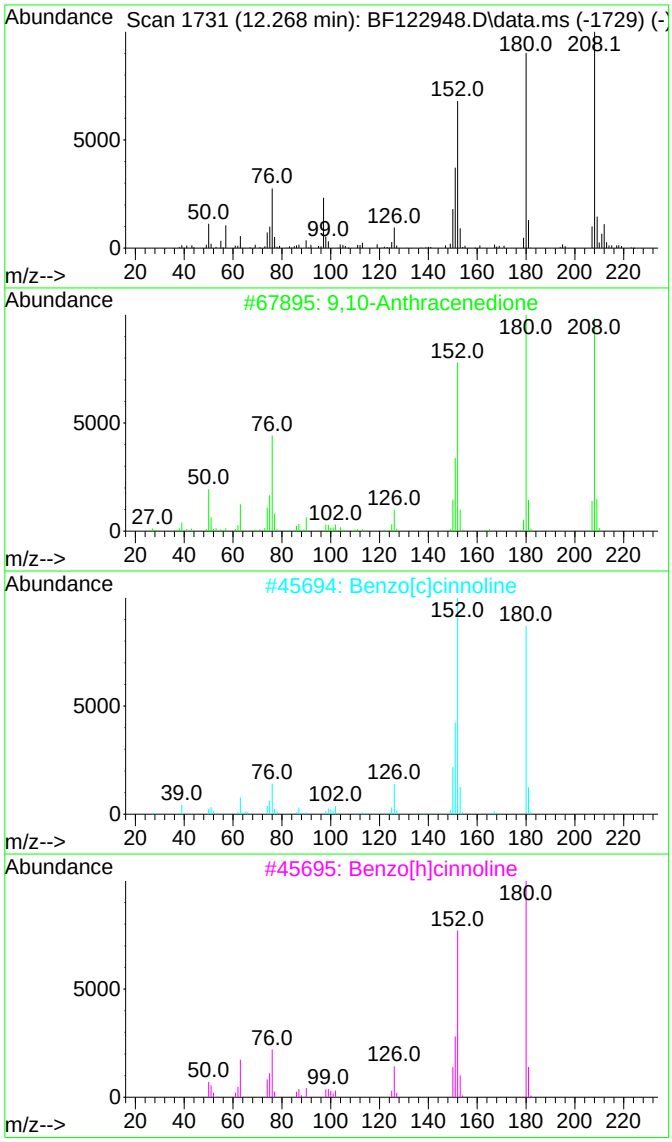
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

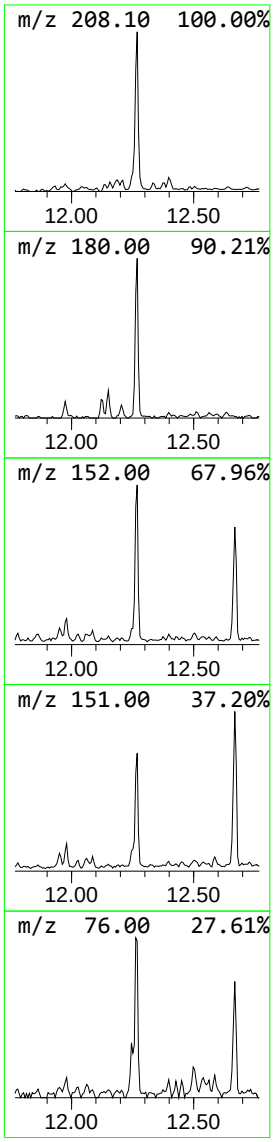
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	2.55 ng	217648	Phenanthrene-d10	11.451

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	89
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	2,5-Cyclohexadiene-1,4-dione, 2,...	208	C6H2Cl2O4	000087-88-7	50





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Sample : M1042-02
Misc :
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Instrument : BNA_F
ClientSampleId : 11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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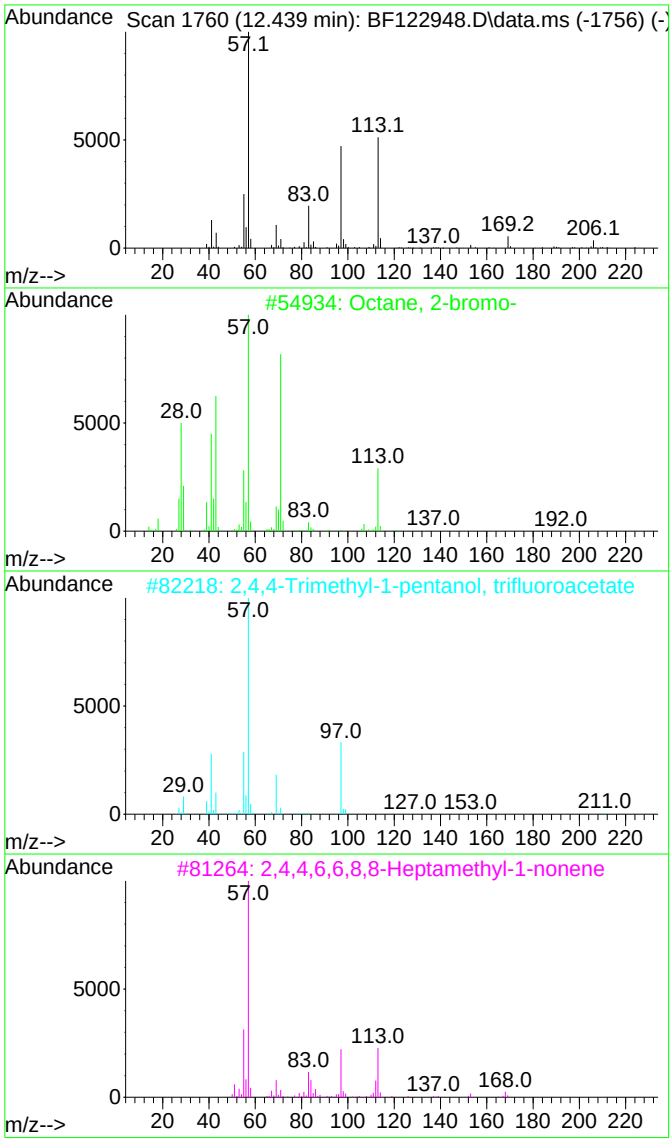
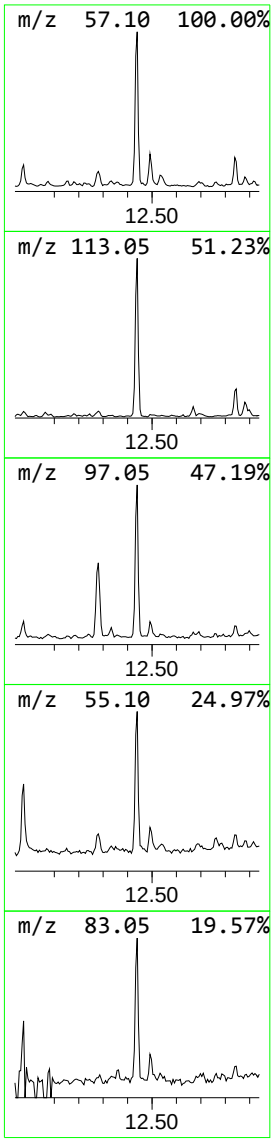
Peak Number 10 unknown12.439 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	4.71 ng	402211	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
3	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	25
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	16
5	Vardenafil	488	C23H32N6O4S	224785-90-4	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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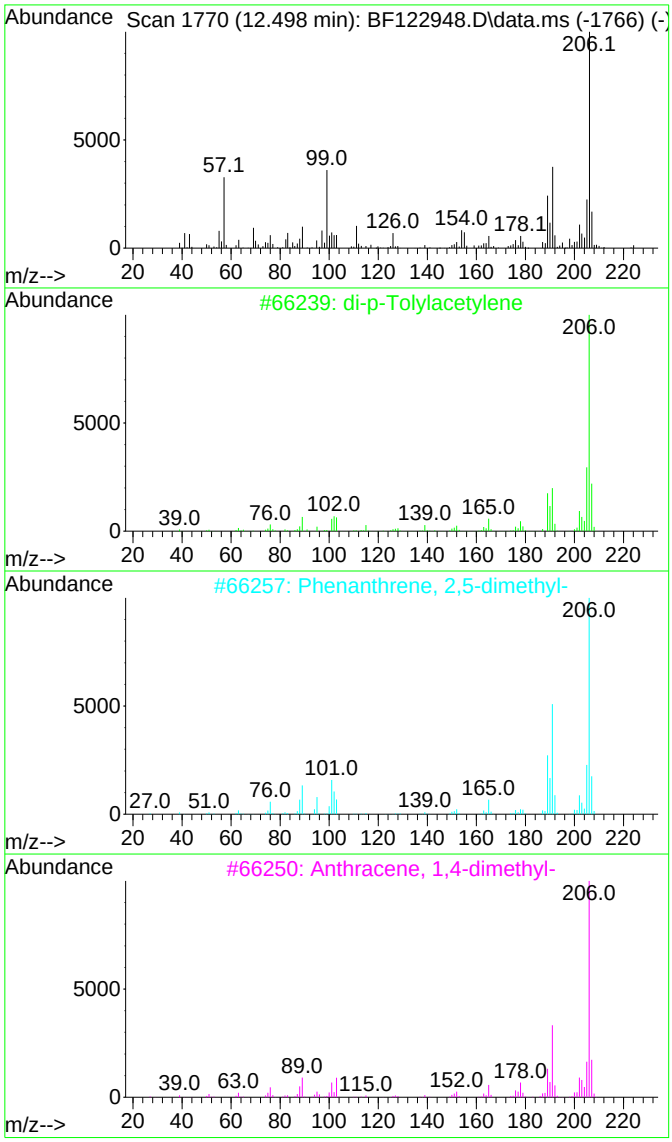
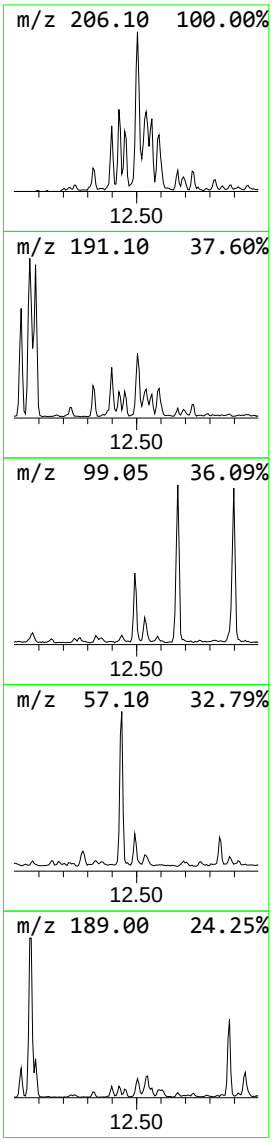
Peak Number 11 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.30 ng	282004	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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ClientSampleId :
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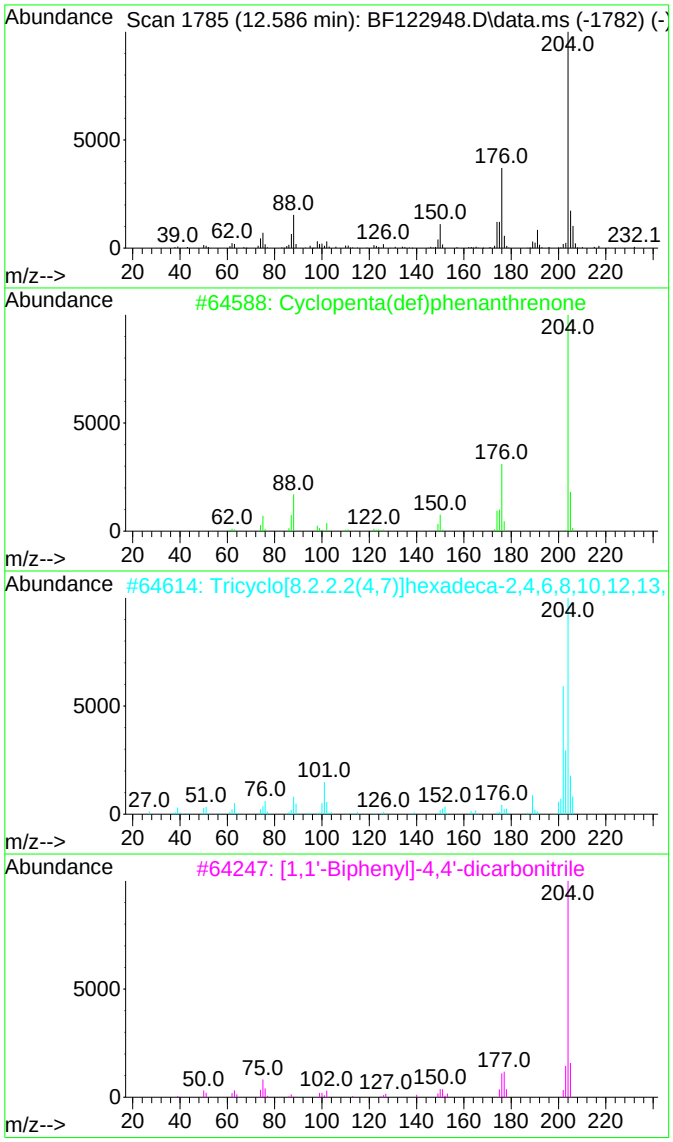
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

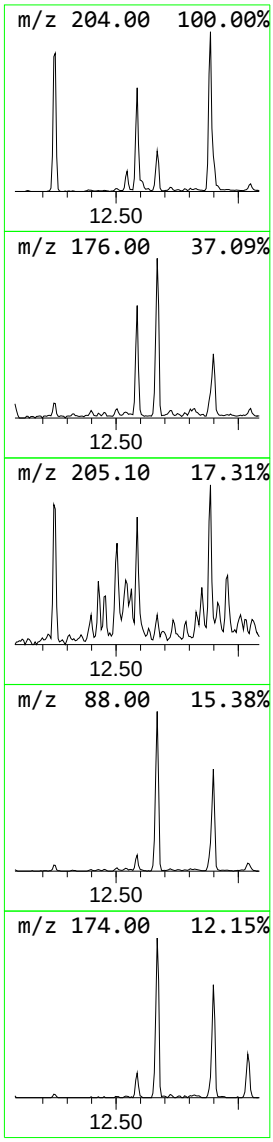
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	2.91 ng	248239	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47





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Sample : M1042-02
Misc :
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Instrument : BNA_F
ClientSampleId : 11939

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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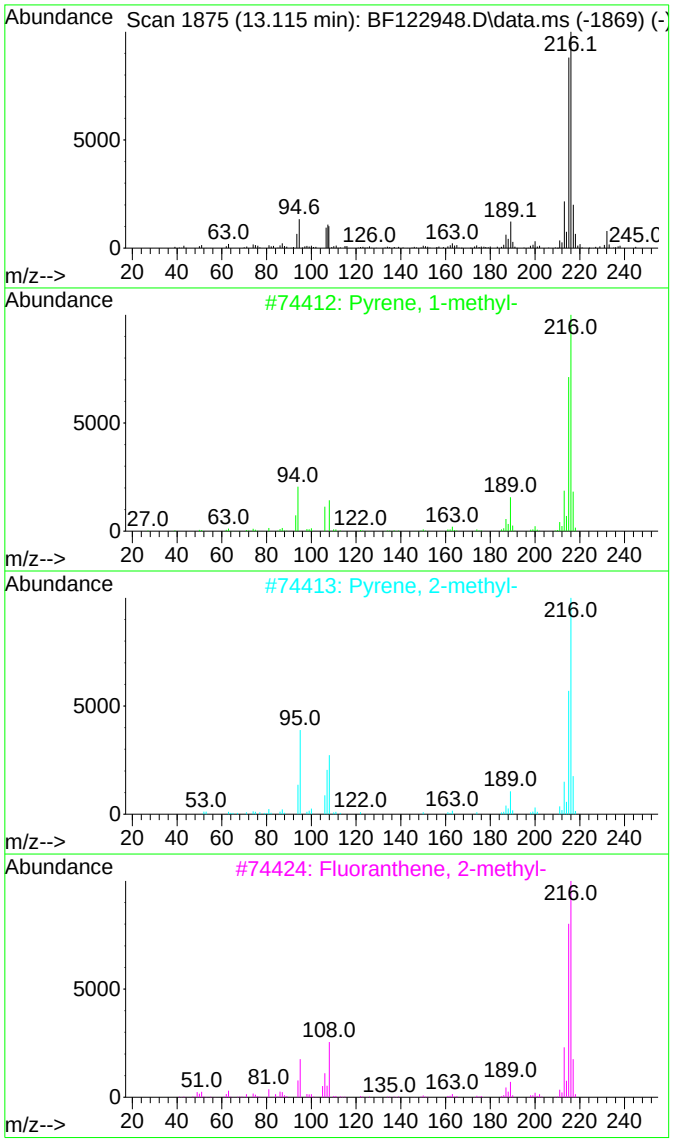
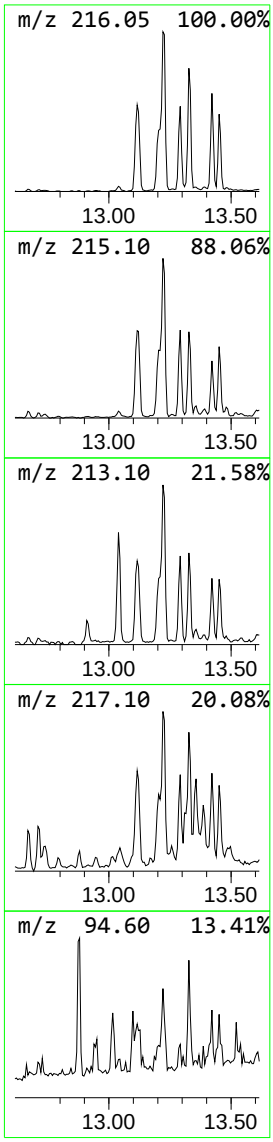
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.31 ng	384142	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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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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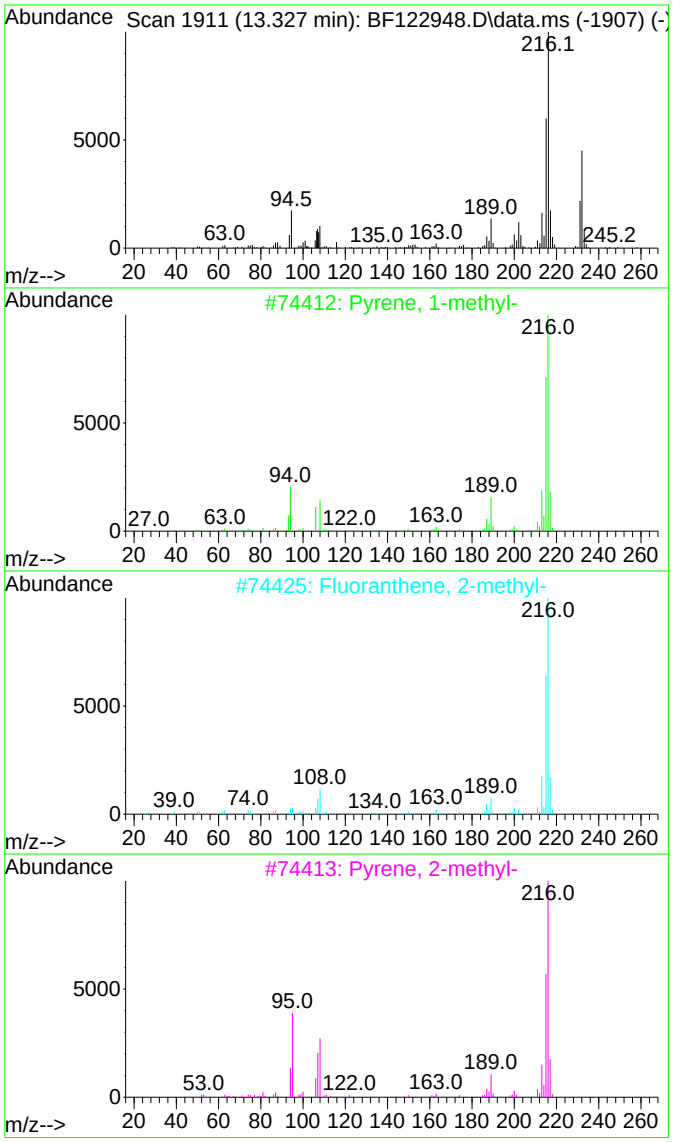
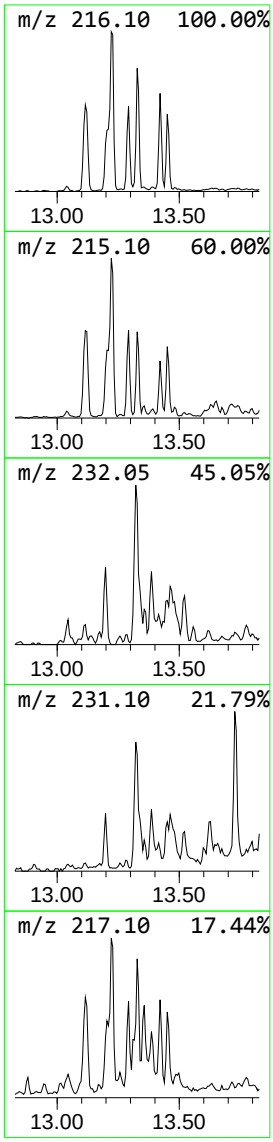
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	2.07 ng	344499	Chrysene-d12	14.098

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	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	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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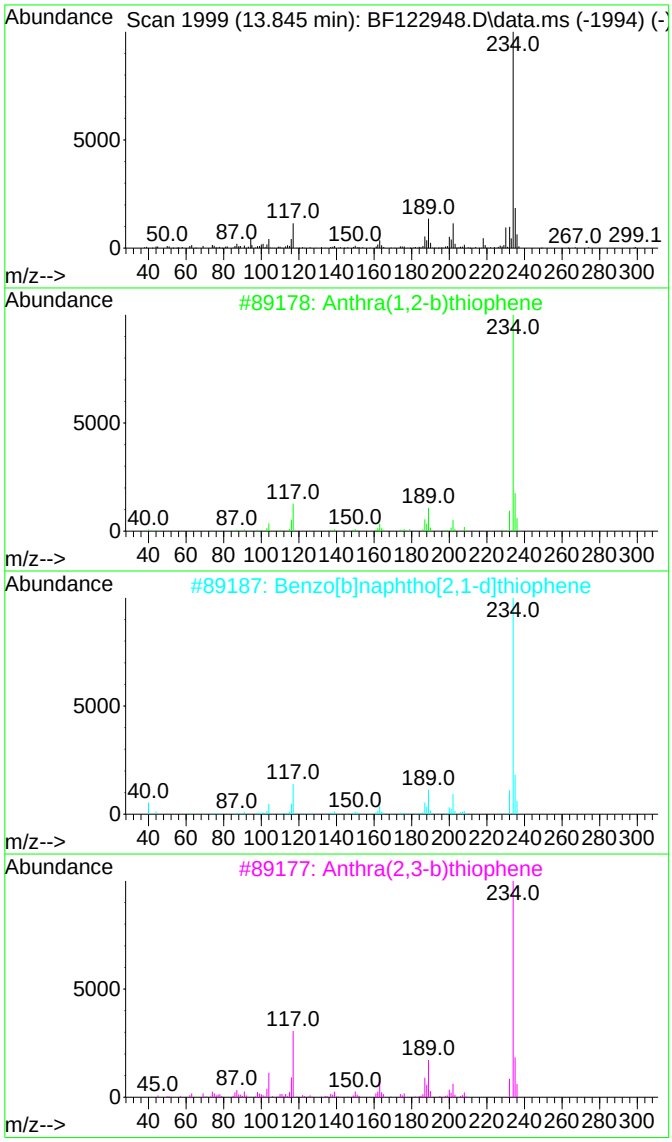
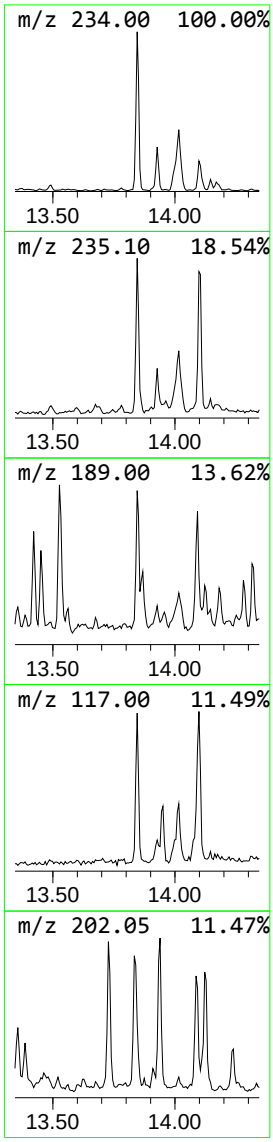
Peak Number 15 Anthra(1,2-b)thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	2.28 ng	380629	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	98
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81





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ClientSampleId : 11939

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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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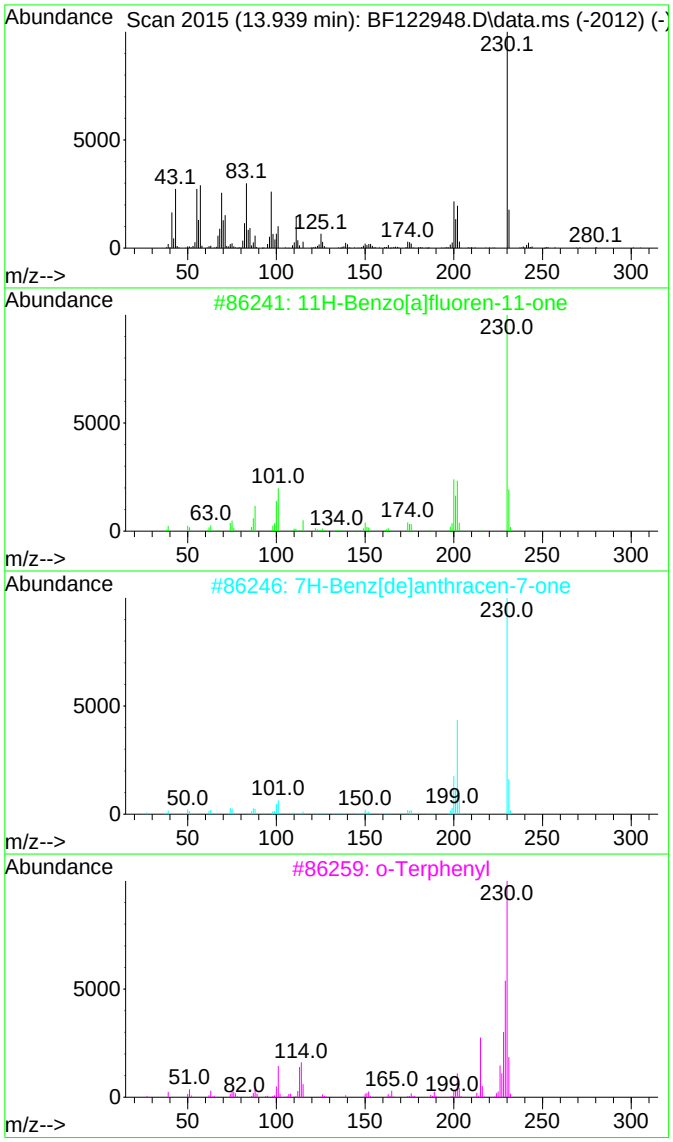
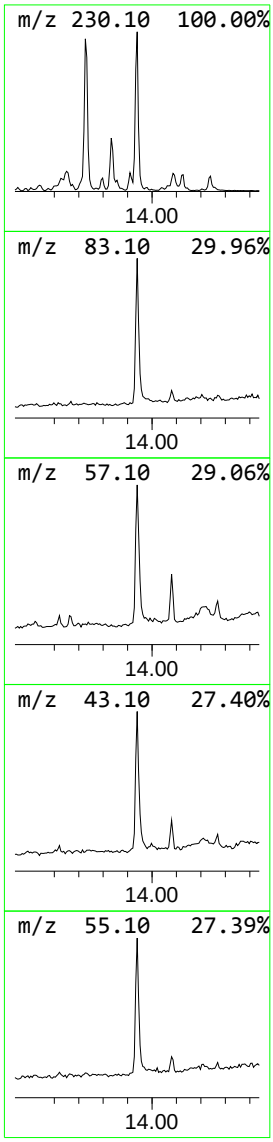
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	4.42 ng	736732	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	o-Terphenyl	230	C18H14	000084-15-1	43
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38
5	m-Terphenyl	230	C18H14	000092-06-8	38





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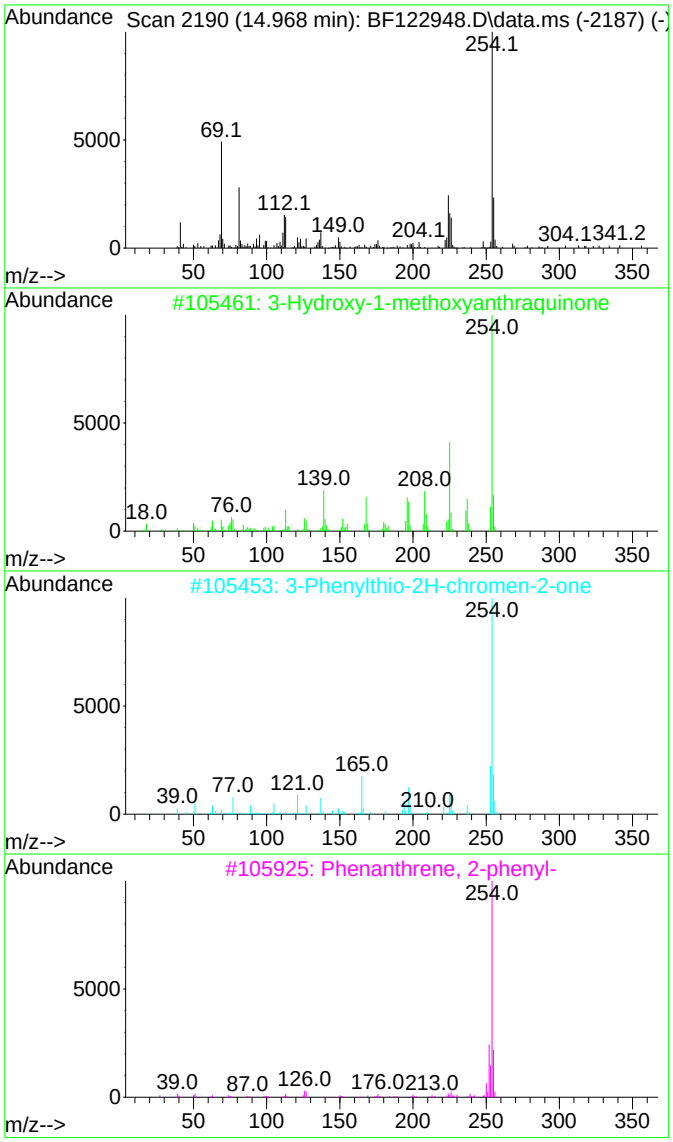
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

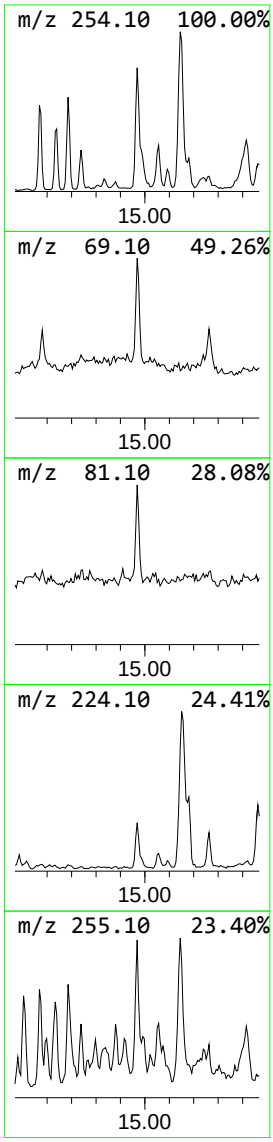
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	3.40 ng	239015	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	58
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	53
3	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	53
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
5	2,2'-Binaphthalene	254	C20H14	000612-78-2	53





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Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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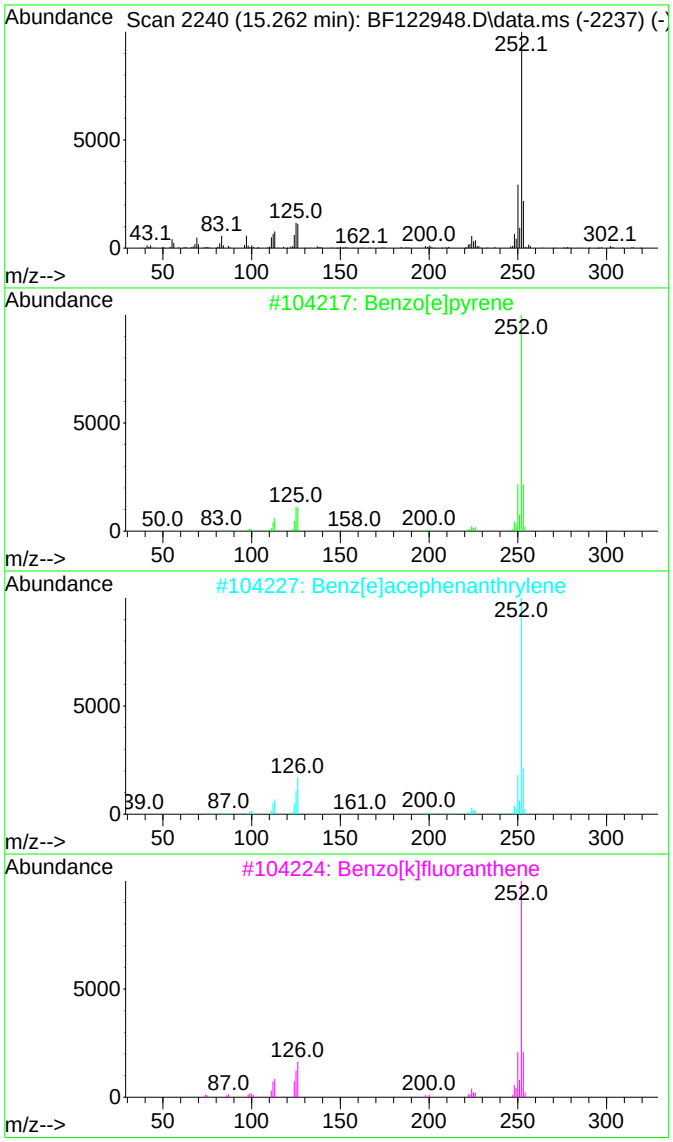
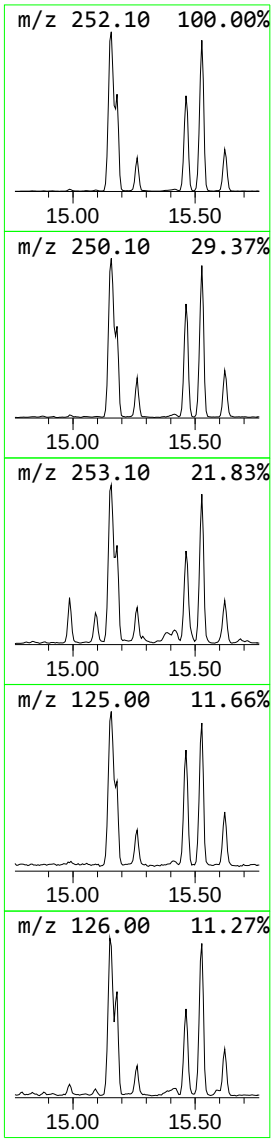
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.262	5.86 ng	411653	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122948.D
Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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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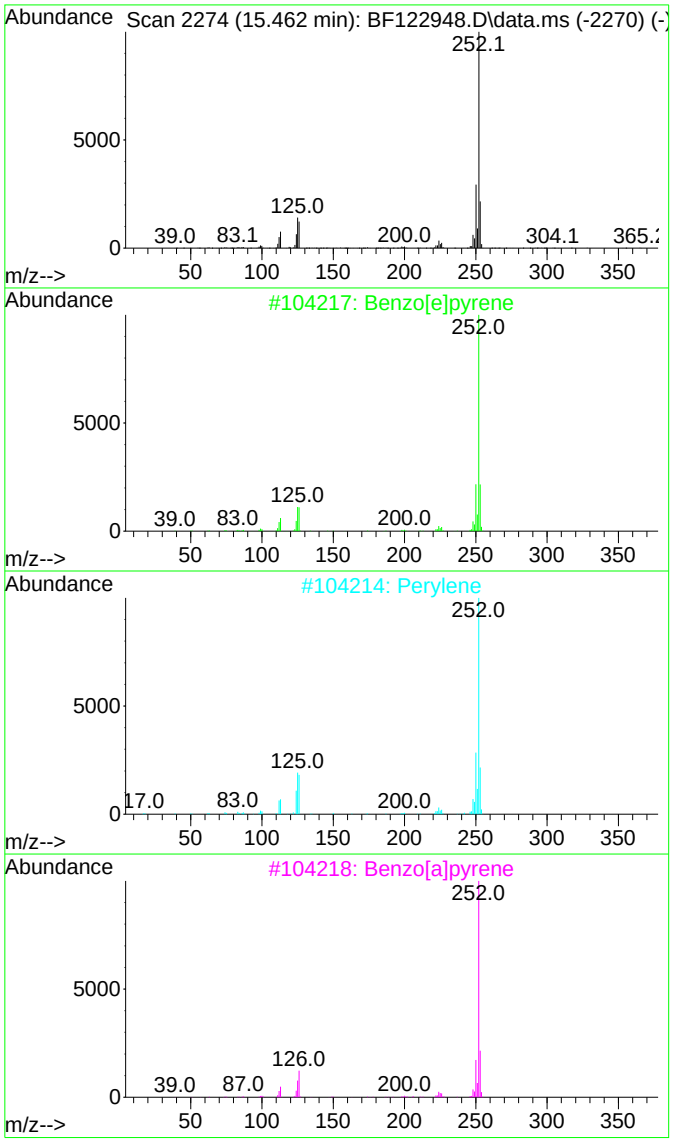
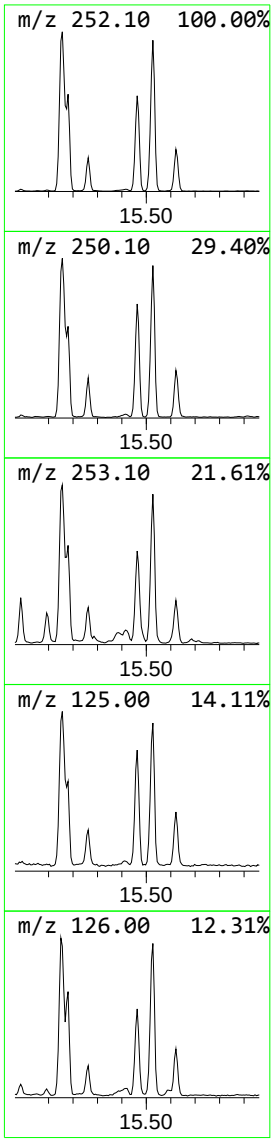
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	13.83 ng	971171	Perylene-d12	15.592

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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122948.D
Acq On : 8 Jan 2021 19:03
Operator : JU/CG
Sample : M1042-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 11939

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.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
Butane, 2-metho...	2.222	10.4	ng	549429	1	6.916	1051480	20.0
Dibenzothiophene	11.345	2.0	ng	173157	4	11.451	1708630	20.0
Phenanthrene, 2...	11.951	4.2	ng	358735	4	11.451	1708630	20.0
Phenanthrene, 1...	11.980	7.2	ng	618544	4	11.451	1708630	20.0
1H-Cyclopropa[l...	12.027	2.3	ng	199923	4	11.451	1708630	20.0
4H-Cyclopenta[d...	12.063	7.5	ng	639517	4	11.451	1708630	20.0
Naphthalene, 2-...	12.245	3.0	ng	257968	4	11.451	1708630	20.0
9,10-Anthracene...	12.269	2.5	ng	217648	4	11.451	1708630	20.0
unknown12.439	12.439	4.7	ng	402211	4	11.451	1708630	20.0
di-p-Tolylacety...	12.498	3.3	ng	282004	4	11.451	1708630	20.0
Cyclopenta(def)...	12.586	2.9	ng	248239	4	11.451	1708630	20.0
Pyrene, 1-methyl-	13.116	2.3	ng	384142	5	14.098	3332680	20.0
Fluoranthene, 2...	13.327	2.1	ng	344499	5	14.098	3332680	20.0
Anthra(1,2-b)th...	13.845	2.3	ng	380629	5	14.098	3332680	20.0
11H-Benzo[a]flu...	13.939	4.4	ng	736732	5	14.098	3332680	20.0
3-Hydroxy-1-met...	14.968	3.4	ng	239015	6	15.592	1403990	20.0
Benzo[e]pyrene	15.262	5.9	ng	411653	6	15.592	1403990	20.0
Perylene	15.462	13.8	ng	971171	6	15.592	1403990	20.0