LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124382.D
Acq On : 18 Jun 2021 19:38
Operator : JU/CG
Sample : M2749-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-04_14.5-15.0

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.992	491	494	504	rBB2	16691	24270	1.97%	0.166%
2	5.404	561	564	575	rBV	854572	880317	71.51%	6.019%
3	6.433	735	739	751	rBV	964026	912639	74.14%	6.240%
4	6.781	795	798	803	rVB	259327	207780	16.88%	1.421%
5	7.351	891	895	898	rBV	767036	617887	50.19%	4.225%
6	7.975	998	1001	1008	rBV	46358	55914	4.54%	0.382%
7	8.069	1013	1017	1020	rBV	318973	275711	22.40%	1.885%
8	9.145	1196	1200	1203	rBV	1619846	1231027	100.00%	8.418%
9	9.821	1312	1315	1318	rBV	460088	354167	28.77%	2.422%
10	9.857	1318	1321	1324	rVB	48415	42821	3.48%	0.293%
11	10.027	1347	1350	1353	rBV2	27355	22897	1.86%	0.157%
12	10.369	1405	1408	1414	rBB	44707	41973	3.41%	0.287%
13	10.616	1446	1450	1453	rBV	1051537	863969	70.18%	5.908%
14	11.121	1533	1536	1539	rBV	40938	34739	2.82%	0.238%
15	11.163	1539	1543	1546	rVV3	15850	20832	1.69%	0.142%
16	11.210	1548	1551	1557	rVB	30423	30020	2.44%	0.205%
17	11.310	1565	1568	1570	rBV	407039	351590	28.56%	2.404%
18	11.333	1570	1572	1576	rVV	638787	553268	44.94%	3.783%
19	11.386	1576	1581	1584	rVV	135090	115870	9.41%	0.792%
20	11.427	1584	1588	1593	rVB2	12167	16071	1.31%	0.110%
21	11.545	1603	1608	1615	rBV2	65048	68125	5.53%	0.466%
22	11.651	1620	1626	1630	rVB5	14459	23523	1.91%	0.161%
23	11.810	1650	1653	1656	rBV	78017	75364	6.12%	0.515%
24	11.839	1656	1658	1663	rVB	136781	123997	10.07%	0.848%
25	11.892	1663	1667	1669	rBV	34156	32829	2.67%	0.224%
26	11.921	1669	1672	1675	rBV	116919	138214	11.23%	0.945%
27	11.945	1675	1676	1680	rVB	69108	45515	3.70%	0.311%
28	12.110	1700	1704	1706	rBV	51516	46288	3.76%	0.317%
29	12.139	1706	1709	1714	rVB	64134	53999	4.39%	0.369%
30	12.257	1723	1729	1732	rBV5	22857	27238	2.21%	0.186%
31	12.363	1744	1747	1750	rBV	46210	47340	3.85%	0.324%
32	12.398	1750	1753	1756	rVV3	34746	43555	3.54%	0.298%
33	12.457	1759	1763	1768	rVB	49569	56364	4.58%	0.385%
34	12.527	1771	1775	1779	rBV	889414	729327	59.25%	4.987%
35	12.592	1784	1786	1789	rVB2	29641	23480	1.91%	0.161%
36	12.627	1789	1792	1794	rBV3	15375	16982	1.38%	0.116%

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-04_14.5-15.0

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.674	1796	1800	1804	rVB3	31889	40814	3.32%	0.279%
38	12.715	1804	1807	1809	rBV2	62029	52235	4.24%	0.357%
39	12.757	1809	1814	1819	rVB	682046	689024	55.97%	4.711%
40	12.804	1819	1822	1827	rVB2	40102	48005	3.90%	0.328%
41	12.898	1830	1838	1841	rBV	1353060	1196265	97.18%	8.180%
42	12.980	1846	1852	1856	rBV2	50340	86692	7.04%	0.593%
43	13.062	1863	1866	1867	rBV3	47886	46596	3.79%	0.319%
44	13.086	1867	1870	1873	rVB	76939	76571	6.22%	0.524%
45	13.151	1879	1881	1883	rVB	36265	23977	1.95%	0.164%
46	13.186	1883	1887	1890	rBV2	69541	82344	6.69%	0.563%
47	13.280	1900	1903	1906	rBV	34900	35030	2.85%	0.240%
48	13.310	1906	1908	1913	rVB2	36855	39270	3.19%	0.269%
49	13.421	1924	1927	1931	rVB2	52034	54970	4.47%	0.376%
50	13.462	1931	1934	1937	rBV5	15086	21511	1.75%	0.147%
51	13.568	1950	1952	1954	rBV3	17280	15672	1.27%	0.107%
52	13.598	1954	1957	1960	rVB	90479	79106	6.43%	0.541%
53	13.704	1969	1975	1978	rBV	86524	95708	7.77%	0.654%
54	13.733	1978	1980	1982	rVV2	54991	44147	3.59%	0.302%
55	13.757	1982	1984	1990	rVV3	56968	81904	6.65%	0.560%
56	13.809	1990	1993	1996	rVB	84573	80436	6.53%	0.550%
57	13.874	1999	2004	2009	rBV3	26895	45096	3.66%	0.308%
58	13.957	2010	2018	2021	rBV2	456709	710620	57.73%	4.859%
59	13.986	2021	2023	2026	rVB	309789	231533	18.81%	1.583%
60	14.062	2034	2036	2038	rBV	31350	21491	1.75%	0.147%
61	14.121	2042	2046	2049	rBV5	39079	59138	4.80%	0.404%
62	14.186	2053	2057	2060	rVB3	38579	51733	4.20%	0.354%
63	14.221	2060	2063	2065	rBV3	19662	16605	1.35%	0.114%
64	14.245	2065	2067	2070	rVB3	16608	15437	1.25%	0.106%
65	14.274	2070	2072	2075	rBV4	15673	18050	1.47%	0.123%
66	14.309	2075	2078	2079	rBV2	33109	32621	2.65%	0.223%
67	14.345	2079	2084	2088	rVB2	77318	80111	6.51%	0.548%
68	14.380	2088	2090	2094	rBV2	32409	30725	2.50%	0.210%
69	14.421	2094	2097	2099	rBV4	24536	24028	1.95%	0.164%
70	14.468	2103	2105	2107	rBV3	33681	33582	2.73%	0.230%
71	14.492	2107	2109	2111	rVV2	24432	18555	1.51%	0.127%
72	14.539	2114	2117	2120	rVB4	23715	26596	2.16%	0.182%
73	14.592	2123	2126	2130	rVB6	11659	15898	1.29%	0.109%
74	14.662	2133	2138	2142	rBV6	34441	51655	4.20%	0.353%
75	14.839	2165	2168	2171	rBV3	39094	44861	3.64%	0.307%
76	14.998	2189	2195	2198	rBV	304474	443026	35.99%	3.029%

LSC Area Percent Report

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Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.104	2210	2213	2216	rVB2	58161	52853	4.29%	0.361%
78	15.203	2225	2230	2233	rBV6	21422	38853	3.16%	0.266%
79	15.298	2242	2246	2252	rVB	156649	204462	16.61%	1.398%
80	15.356	2252	2256	2261	rBV	247209	289213	23.49%	1.978%
81	15.421	2261	2267	2270	rBV	222753	306311	24.88%	2.094%
82	15.451	2270	2272	2279	rVB2	76549	94307	7.66%	0.645%
83	15.727	2317	2319	2323	rVB5	13782	17795	1.45%	0.122%
84	15.856	2337	2341	2345	rVB7	19322	31275	2.54%	0.214%
85	15.892	2345	2347	2351	rBV5	10713	18341	1.49%	0.125%
86	15.974	2358	2361	2365	rVB6	20466	28934	2.35%	0.198%
87	16.015	2365	2368	2372	rBV6	11735	17944	1.46%	0.123%
88	16.503	2447	2451	2454	rBV6	10501	17016	1.38%	0.116%
89	16.680	2475	2481	2484	rBV5	15786	29275	2.38%	0.200%
90	16.868	2508	2513	2520	rBV3	84632	169572	13.77%	1.160%
91	17.039	2538	2542	2546	rBV3	21296	38728	3.15%	0.265%
92	17.097	2548	2552	2559	rVB9	15755	33351	2.71%	0.228%
93	17.315	2582	2589	2598	rBV2	56148	120244	9.77%	0.822%
94	17.556	2623	2630	2635	rBV9	19021	48550	3.94%	0.332%

Sum of corrected areas: 14624564

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Instrument :
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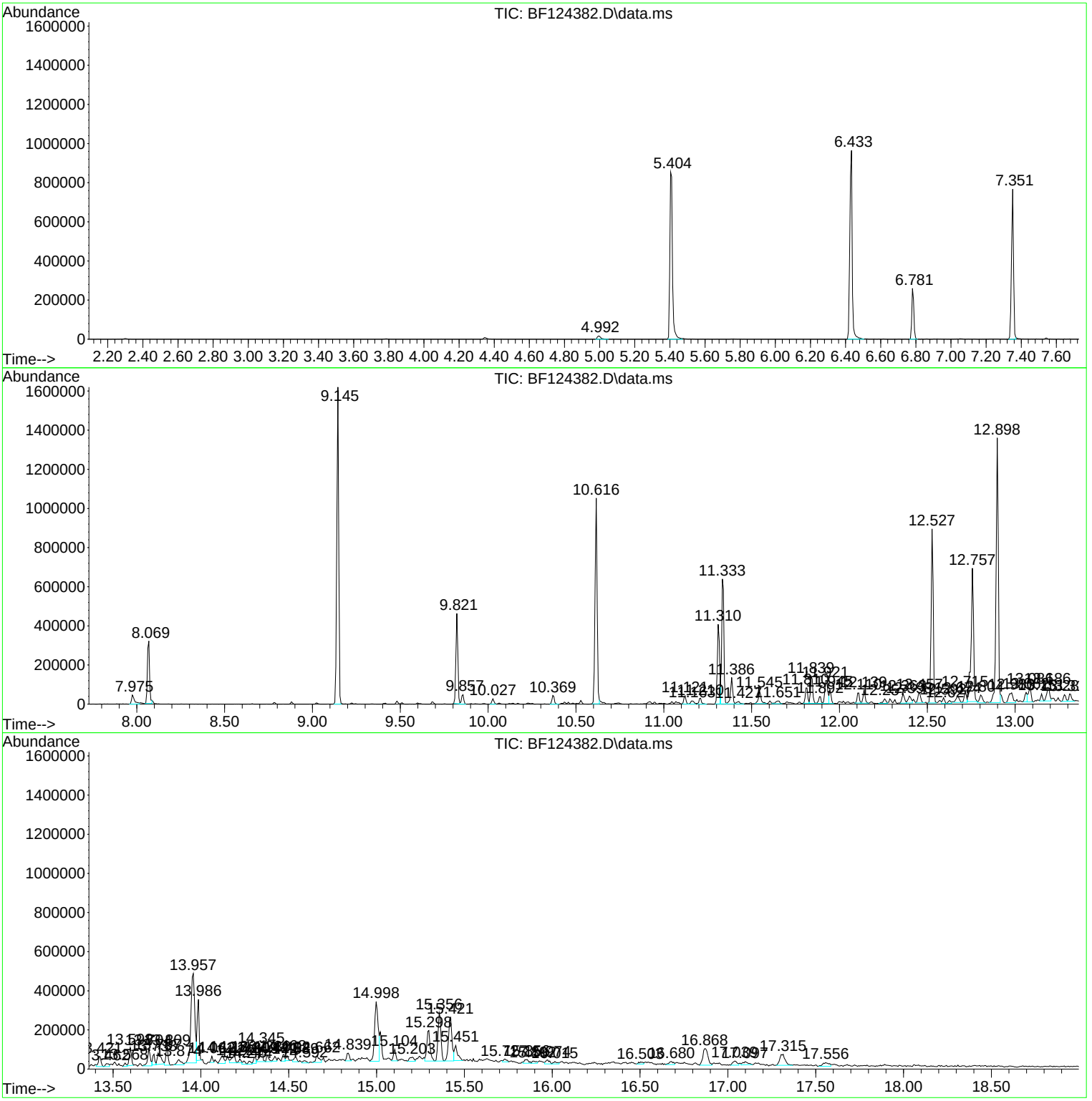
PX-04_14.5-15.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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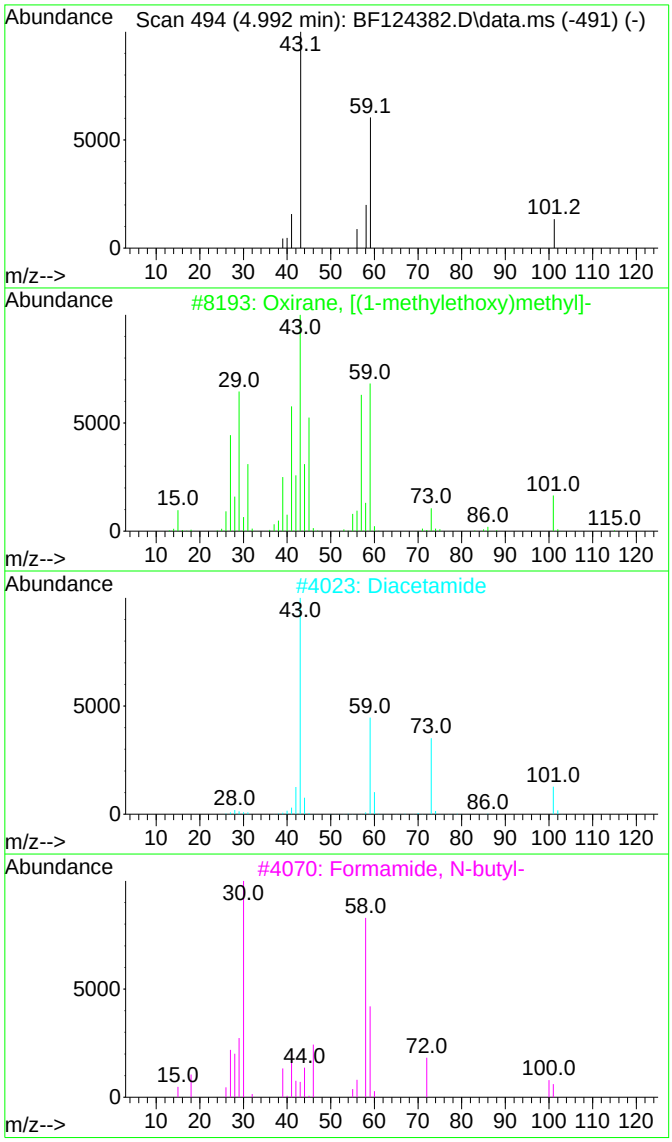
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

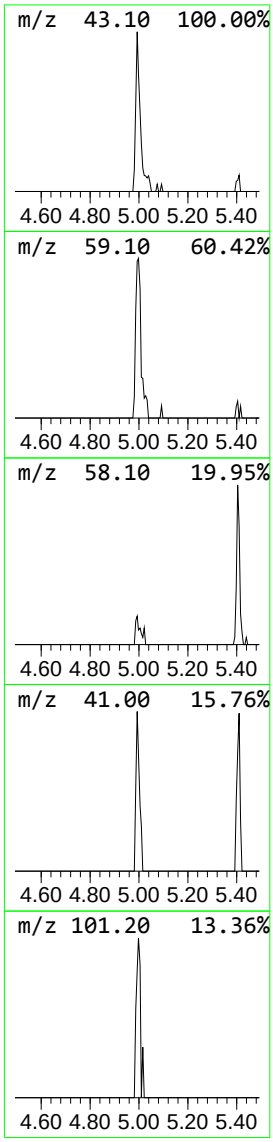
****

Peak Number 1 unknown4.992 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.992	2.34 ng	24270	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
2	Diacetamide	101	C4H7NO2	000625-77-4	7
3	Formamide, N-butyl-	101	C5H11NO	000871-71-6	5
4	Propylamine	59	C3H9N	000107-10-8	4
5	Acetone	58	C3H6O	000067-64-1	4





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Instrument : BNA_F
ClientSampleId : PX-04_14.5-15.0

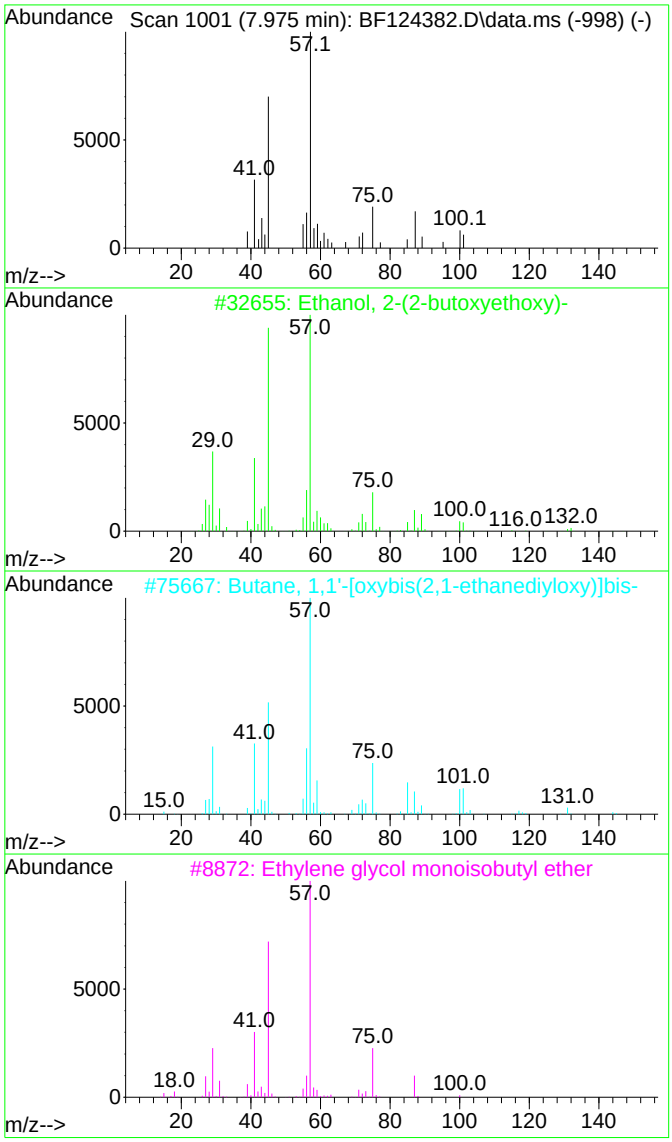
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

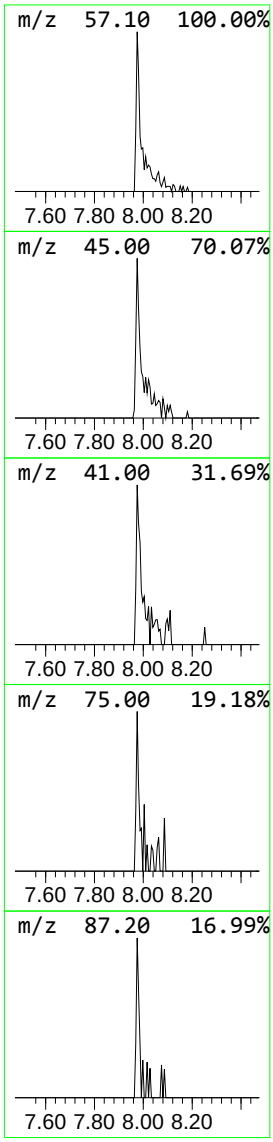
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.975	4.06 ng	55914	Naphthalene-d8	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	50
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	37
5	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	28





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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TIC Library : C:\DATABASE\NIST11.L
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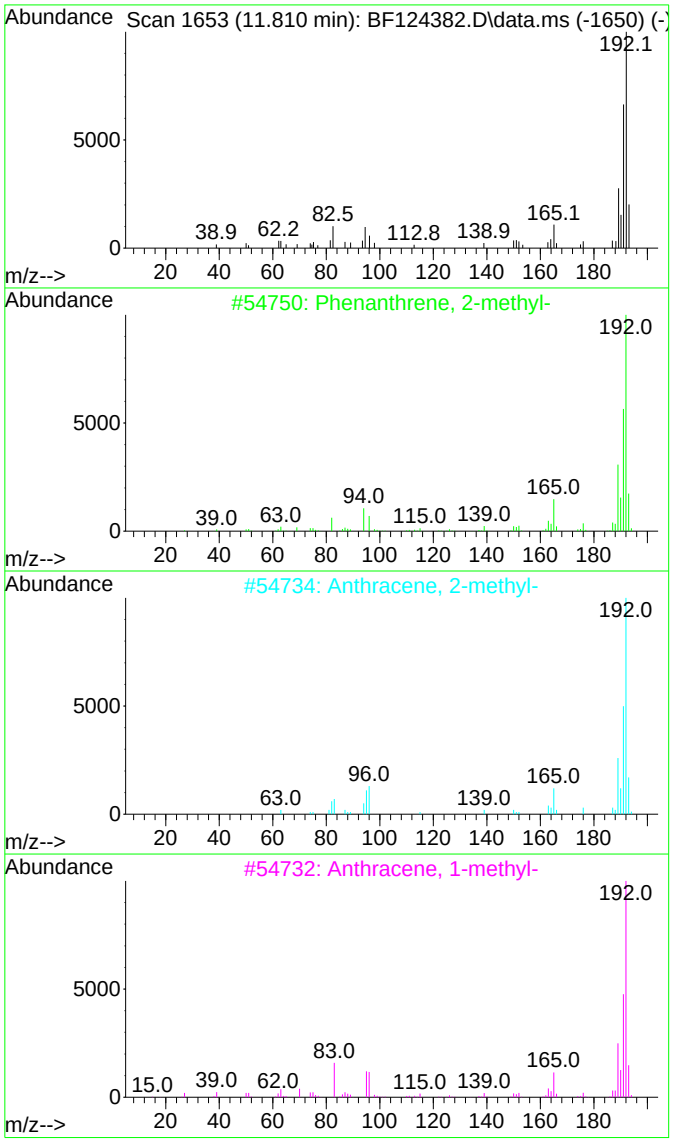
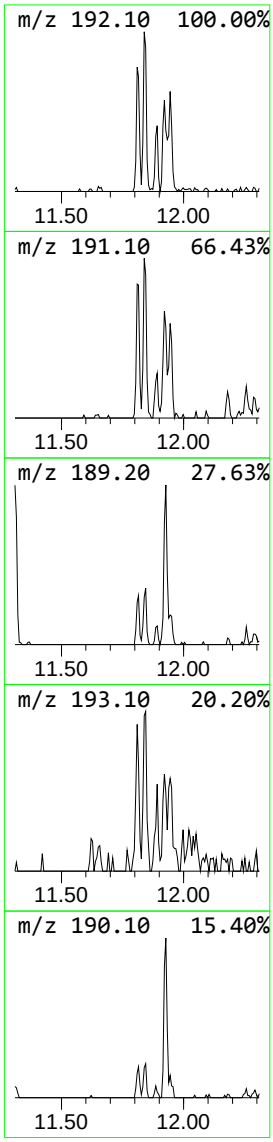
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	4.29 ng	75364	Phenanthrene-d10	11.310

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	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





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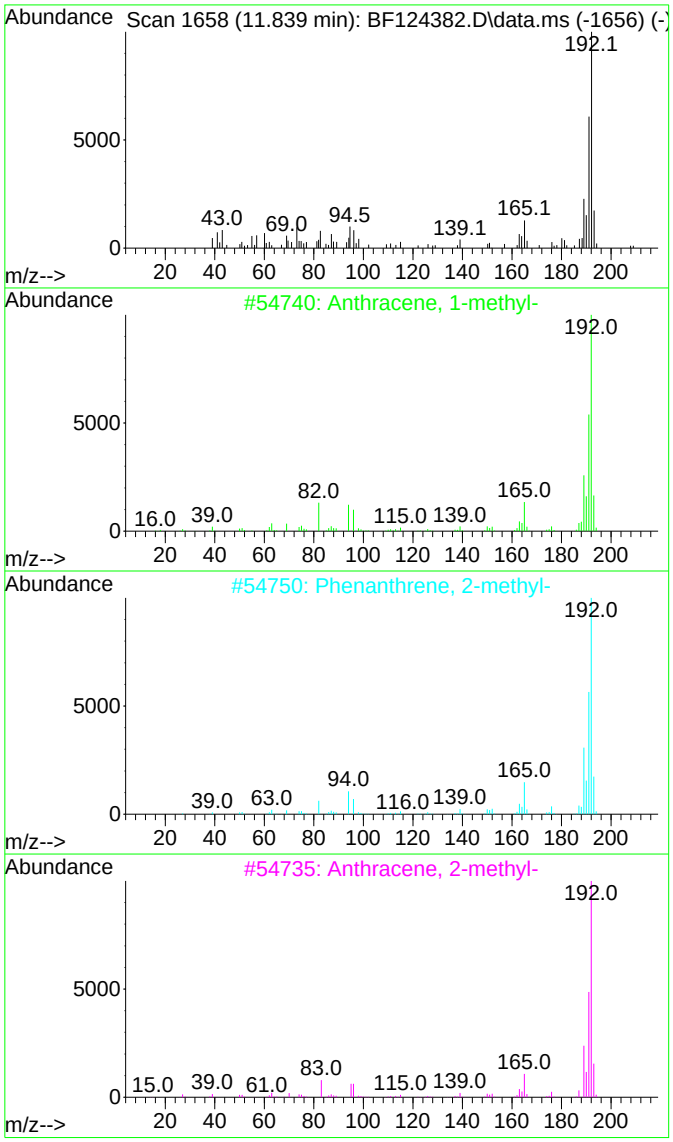
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

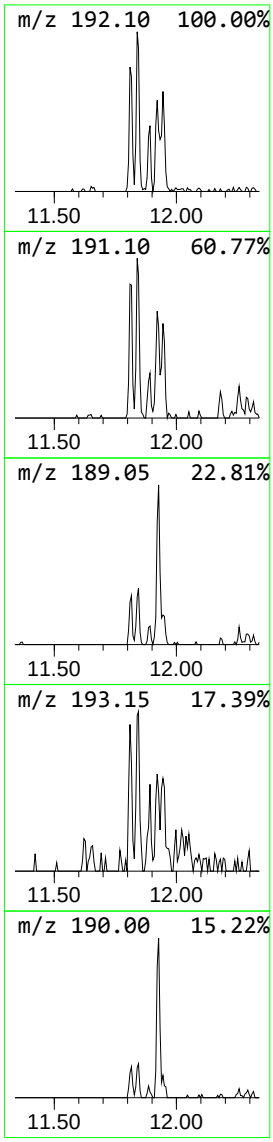
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	7.05 ng	123997	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93





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Misc :
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Instrument :
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ClientSampleId :
PX-04_14.5-15.0

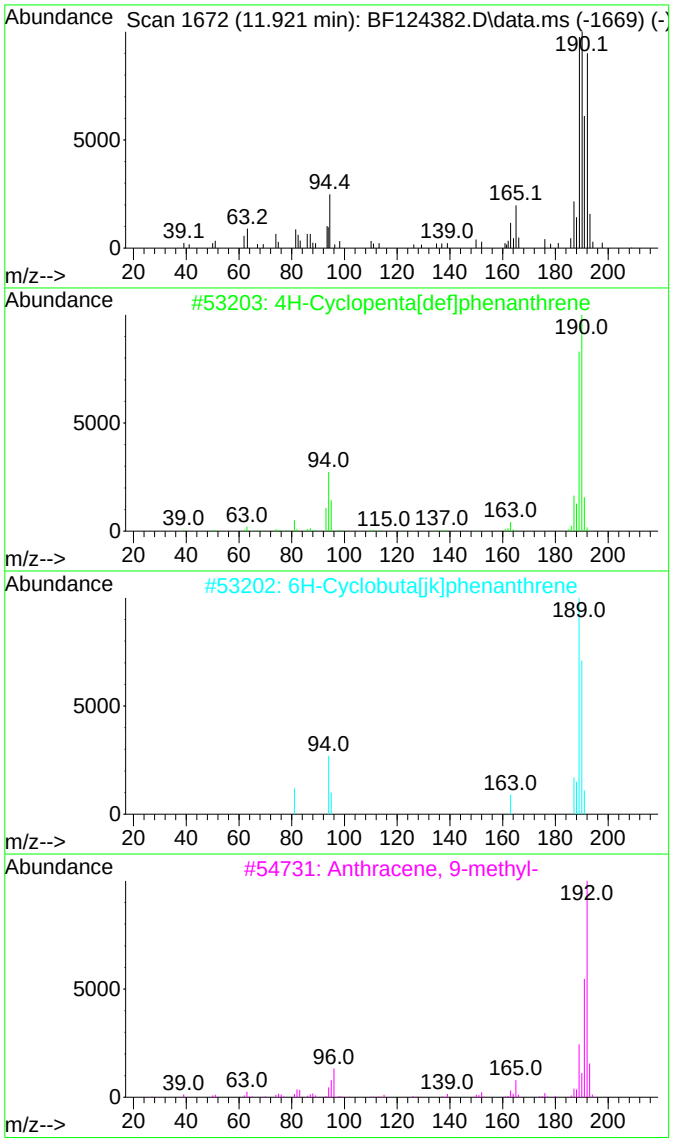
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

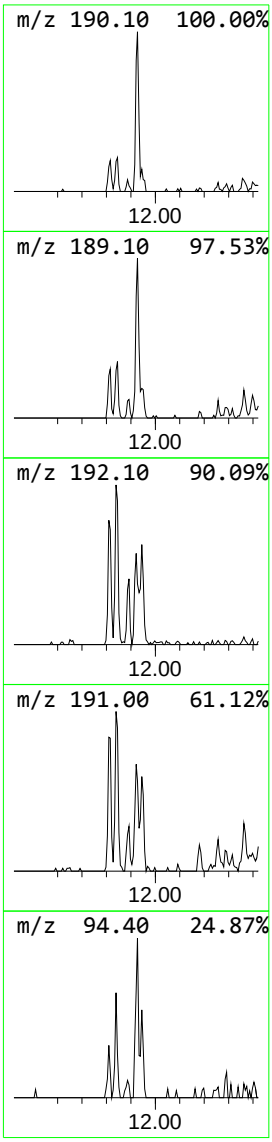
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	7.86 ng	138214	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





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Instrument : BNA_F
ClientSampleId : PX-04_14.5-15.0

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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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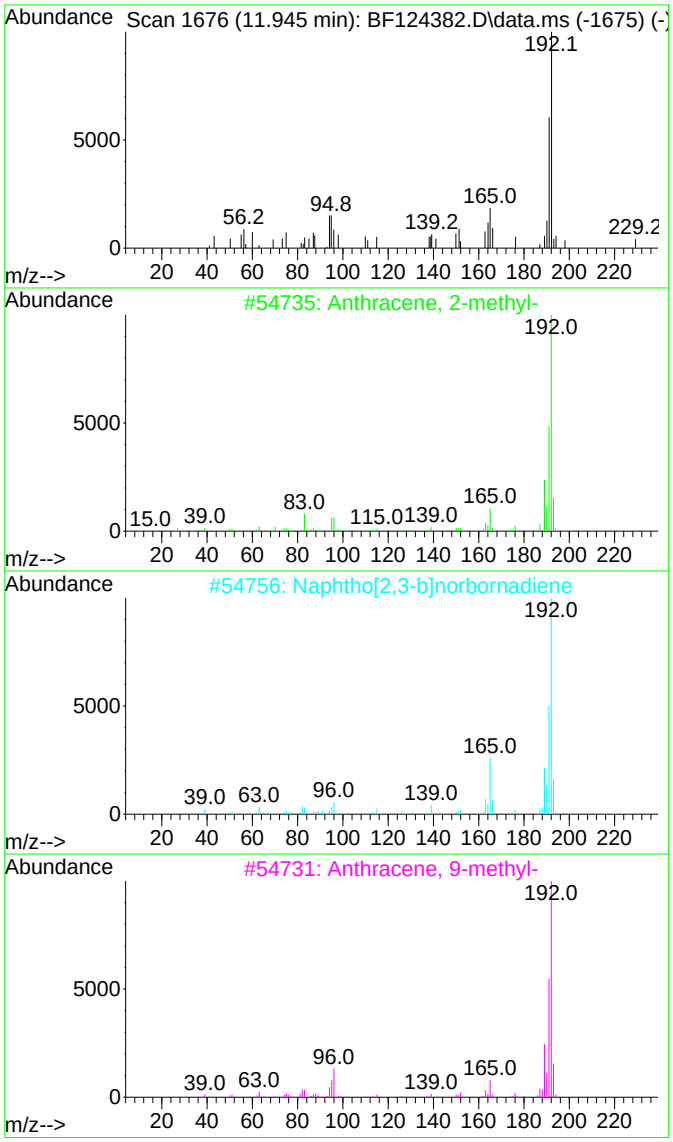
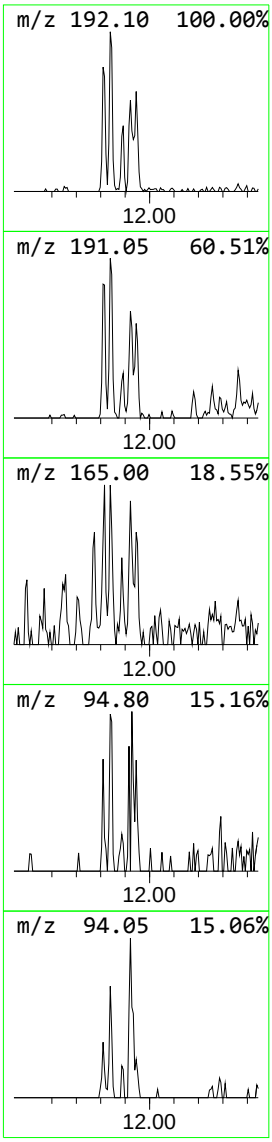
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.59 ng	45515	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	72
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72





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Sample : M2749-04
Misc :
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ClientSampleId : PX-04_14.5-15.0

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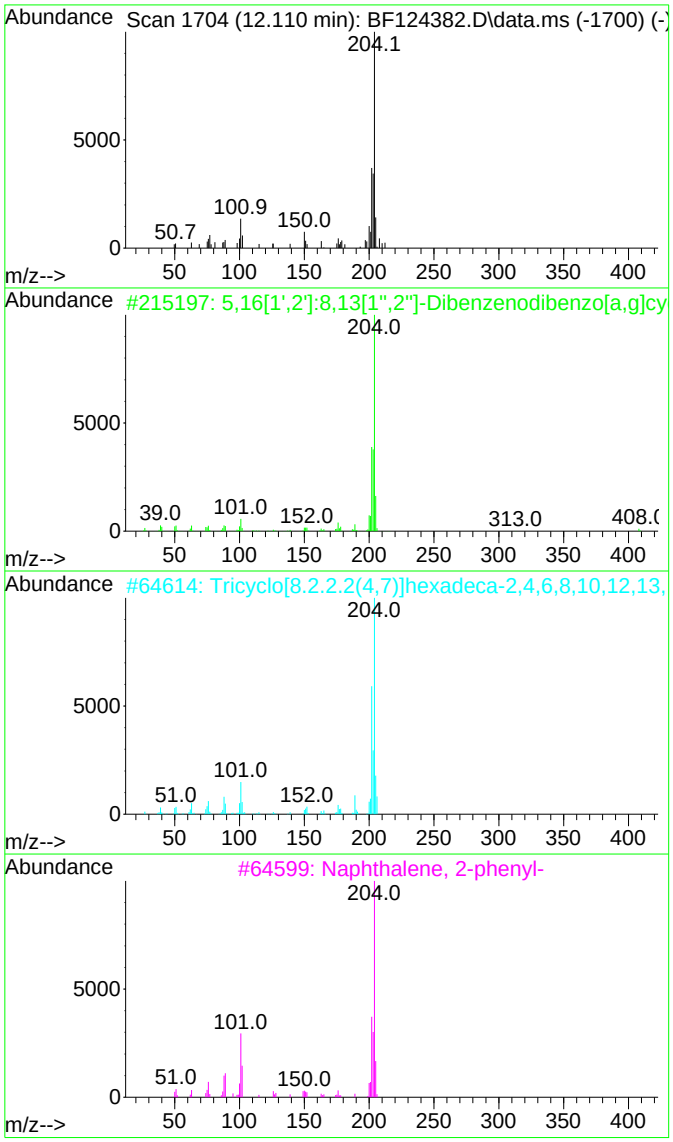
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

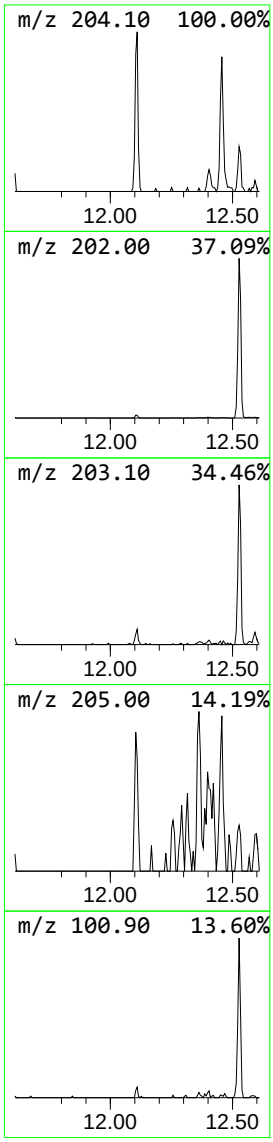
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.63 ng	46288	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





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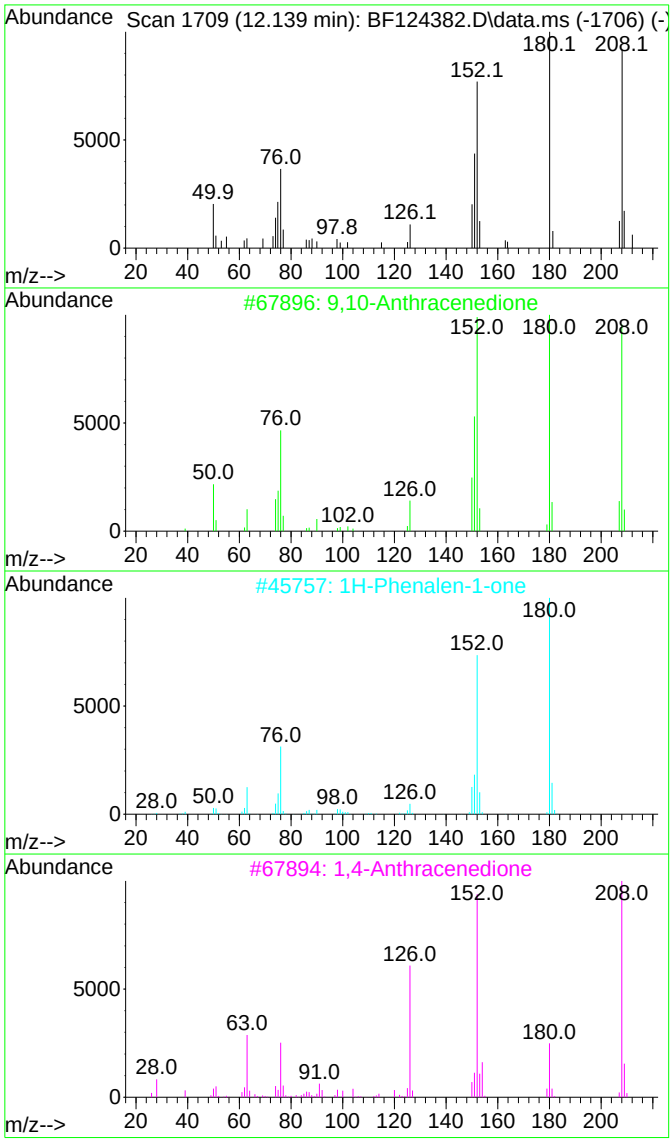
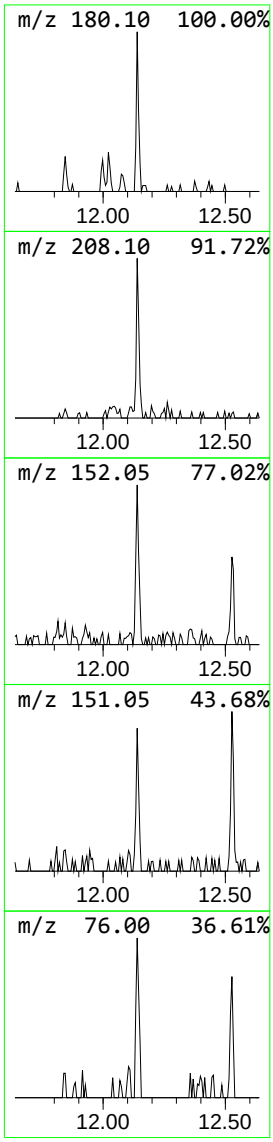
Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	3.07 ng	53999	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	43
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	43





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TIC Library : C:\DATABASE\NIST11.L
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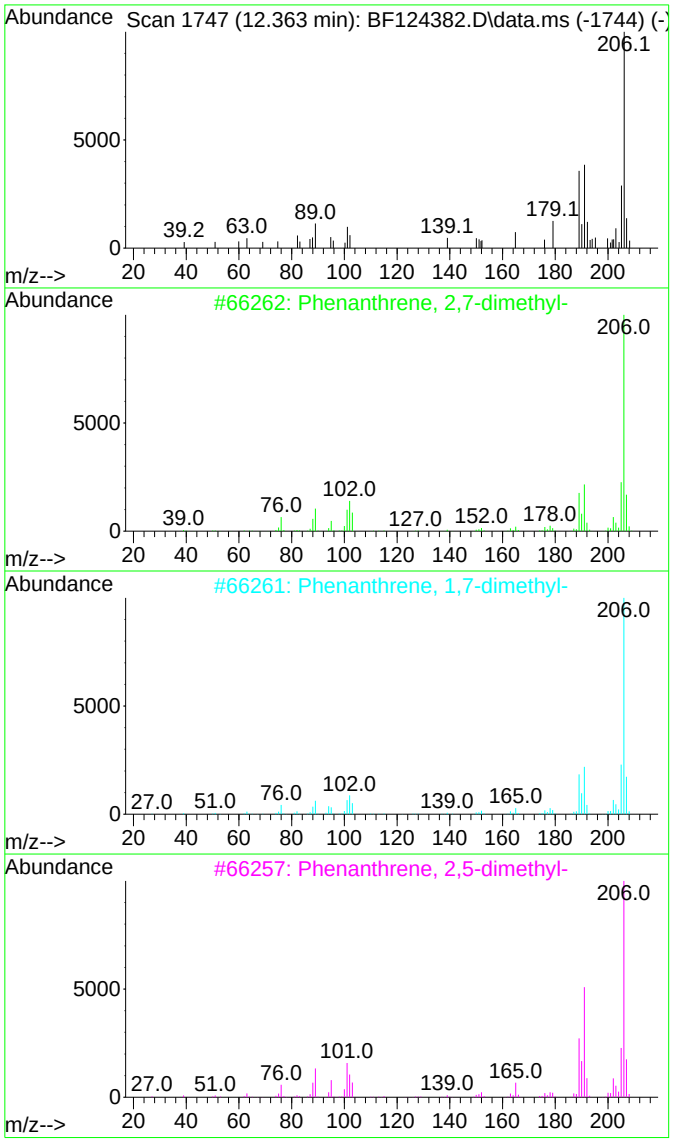
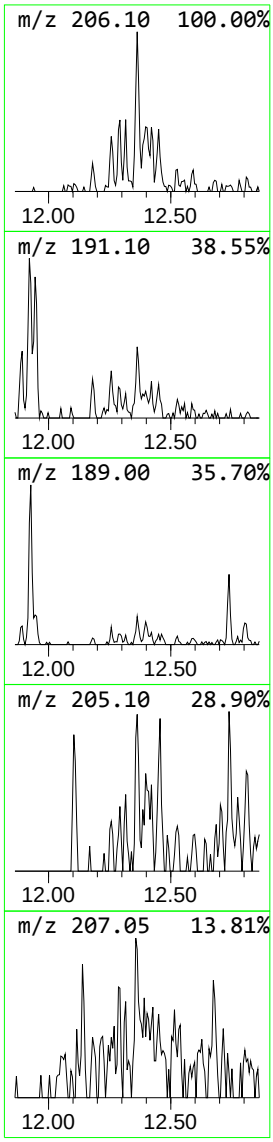
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.69 ng	47340	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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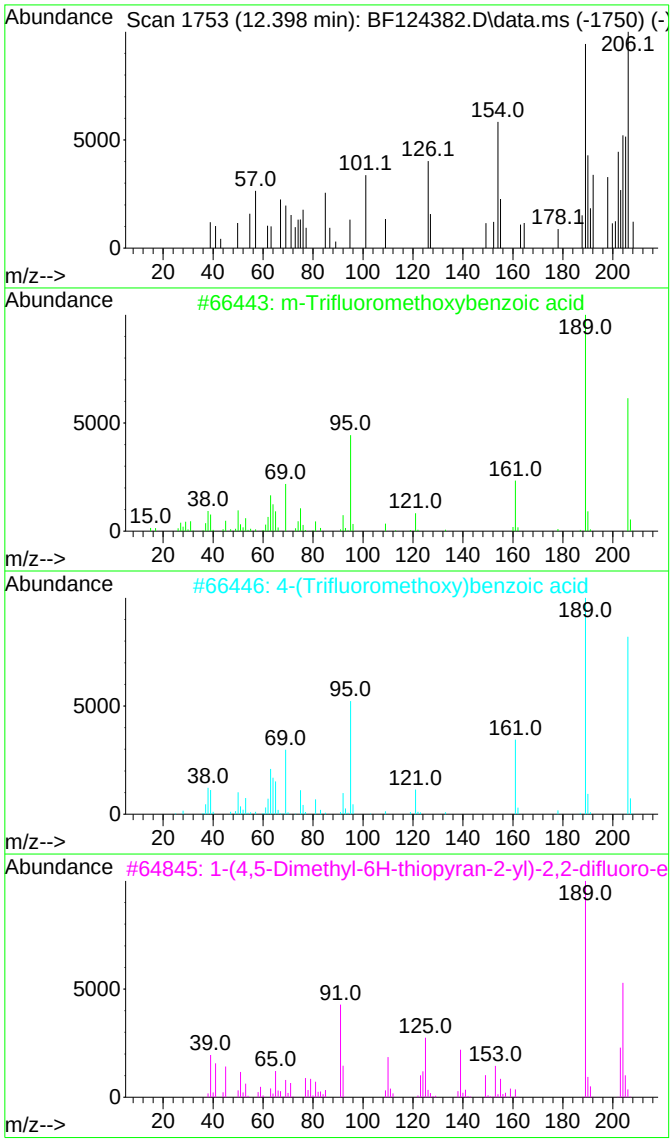
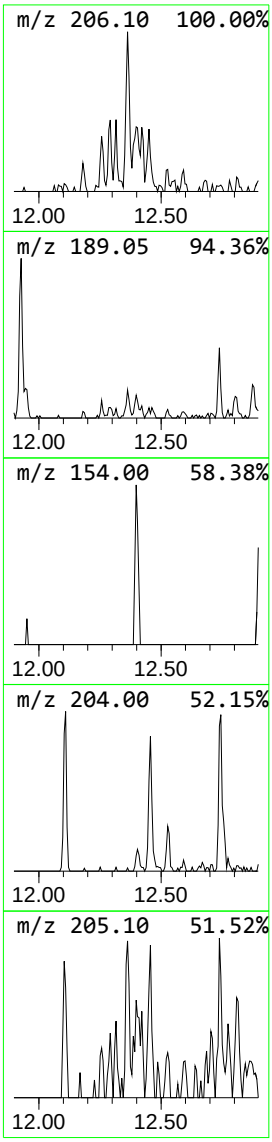
Peak Number 10 unknown12.398 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.48 ng	43555	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	25
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	22
3	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	14
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	14
5	3-(Trifluoromethoxy)benzamide	205	C8H6F3NO2	000658-91-3	14





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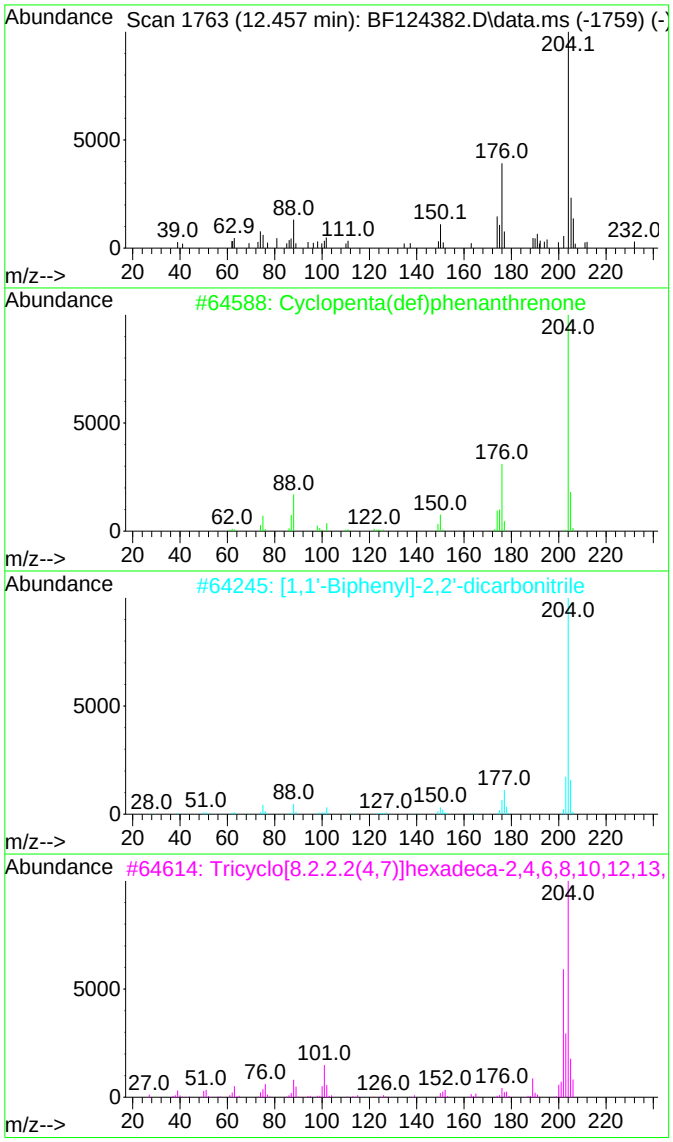
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

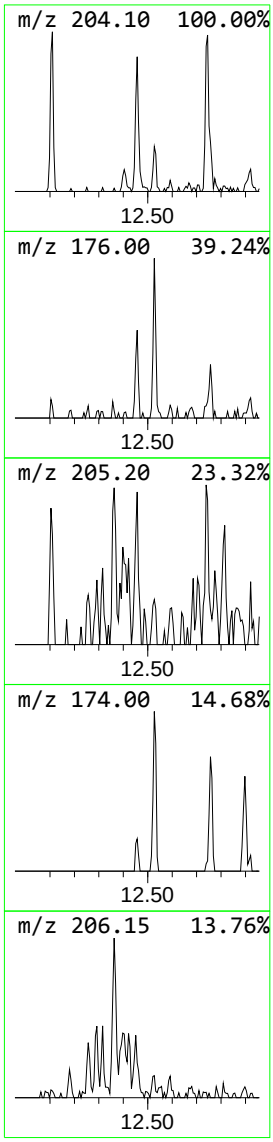
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.21 ng	56364	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	46
5	2,2,4,4,6,6-Hexamethylcyclotrisi...	219	C6H21N3Si3	001009-93-4	43





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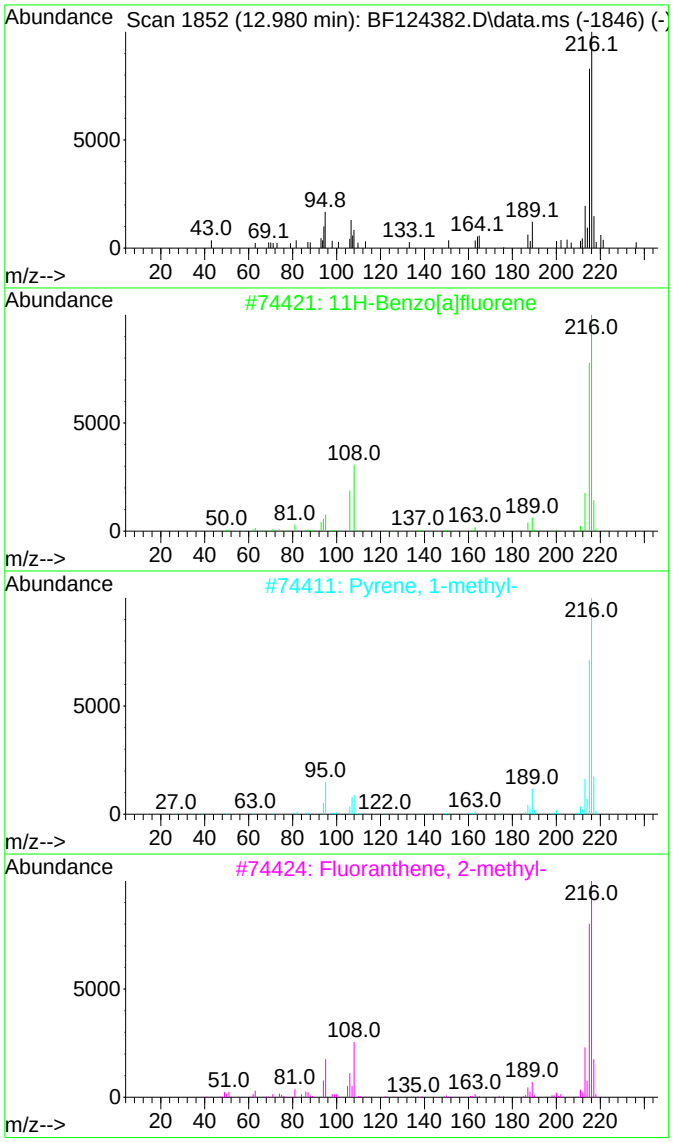
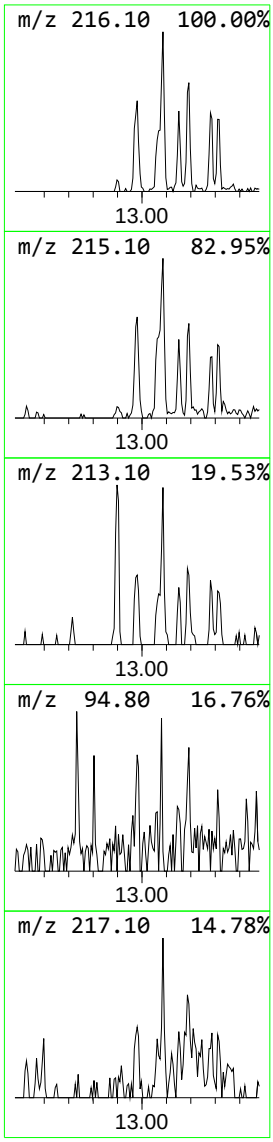
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.44 ng	86692	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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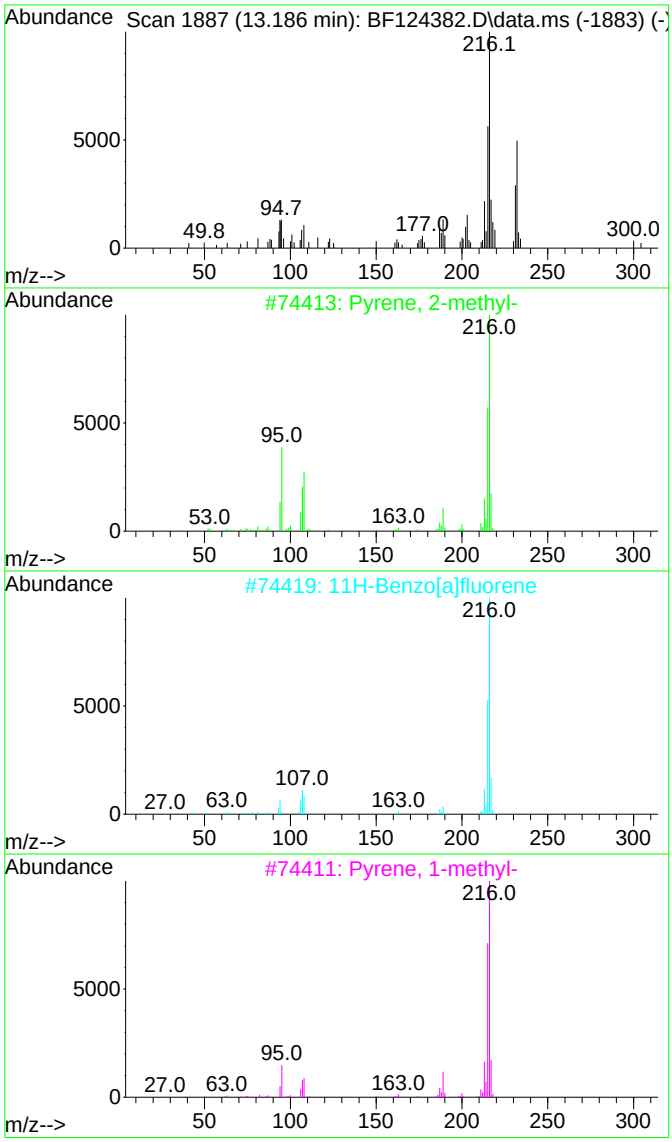
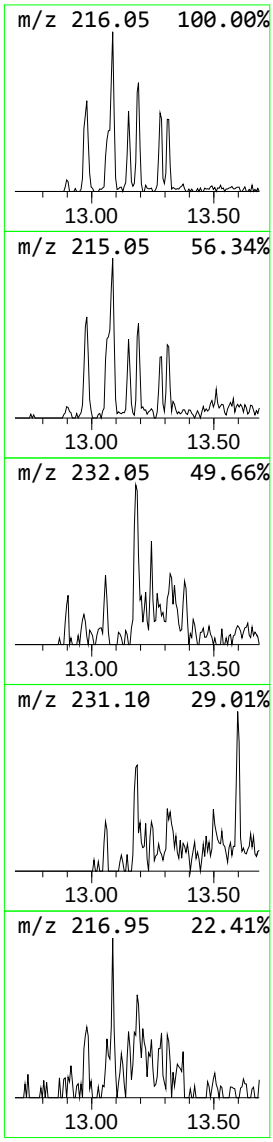
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	2.32 ng	82344	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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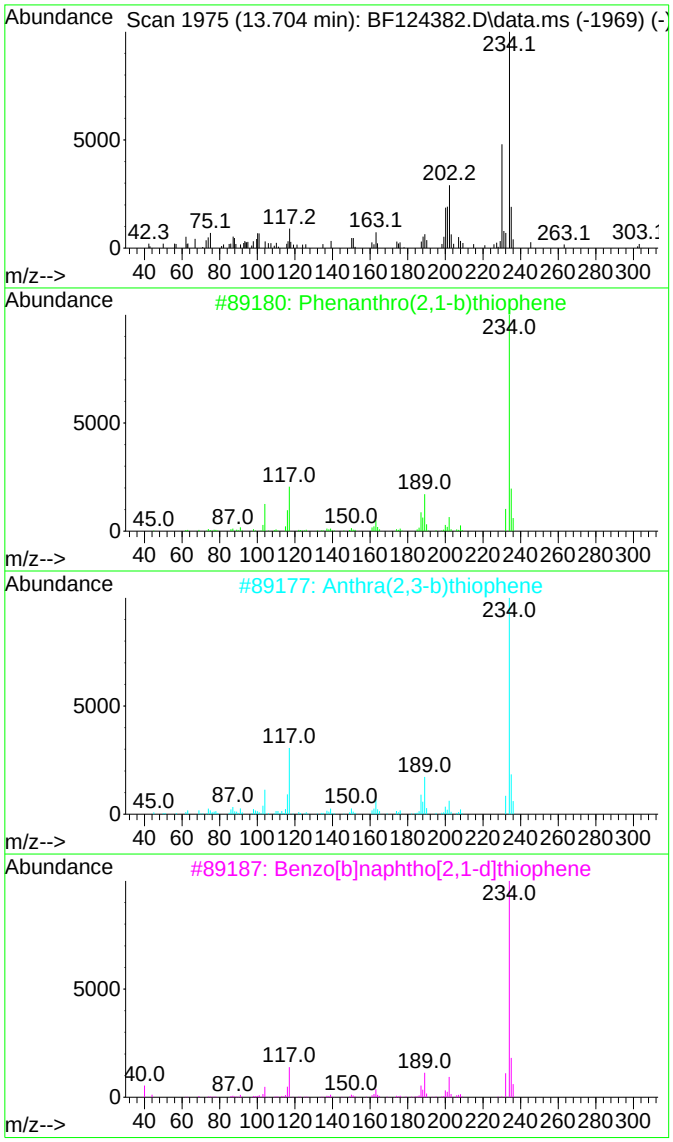
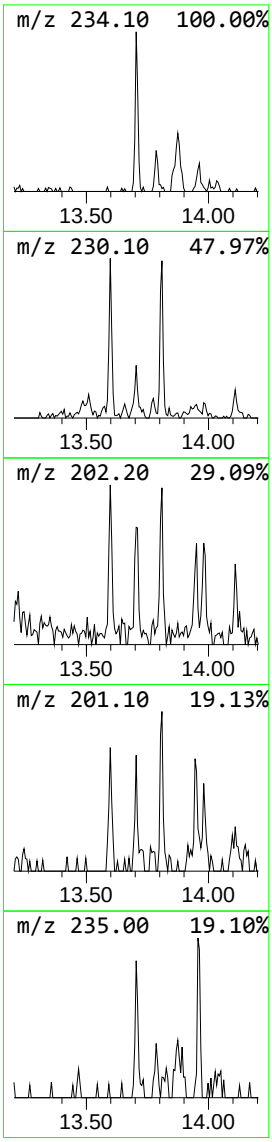
Peak Number 14 unknown13.704 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	2.69 ng	95708	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	49
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	47
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	47
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	46
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43





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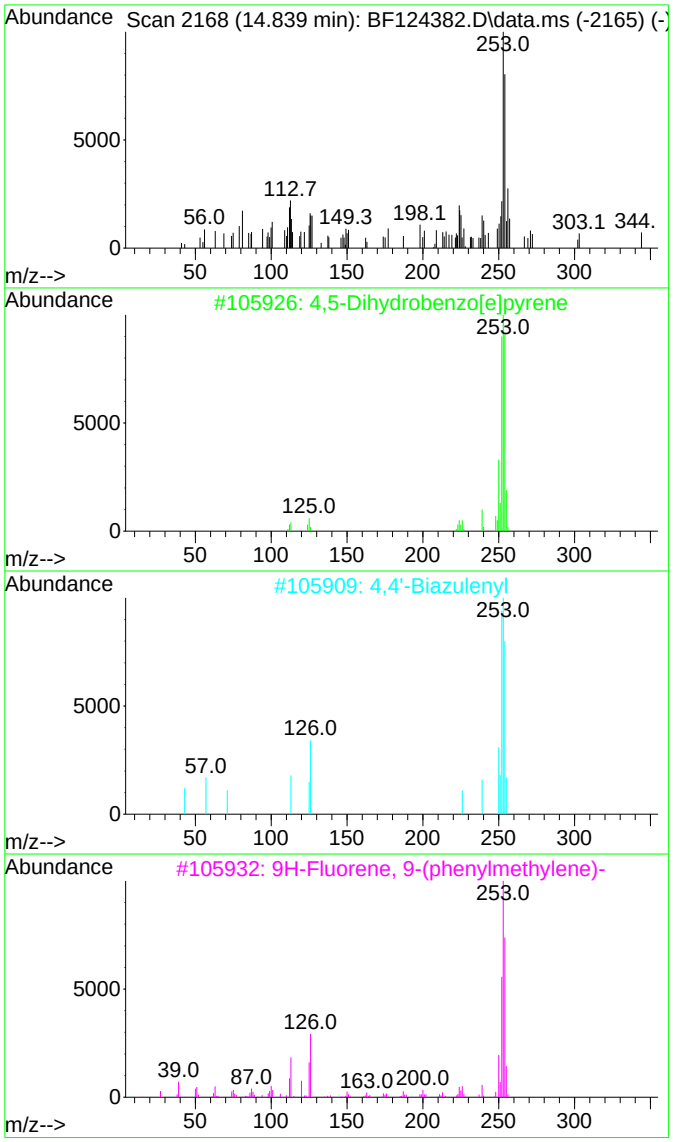
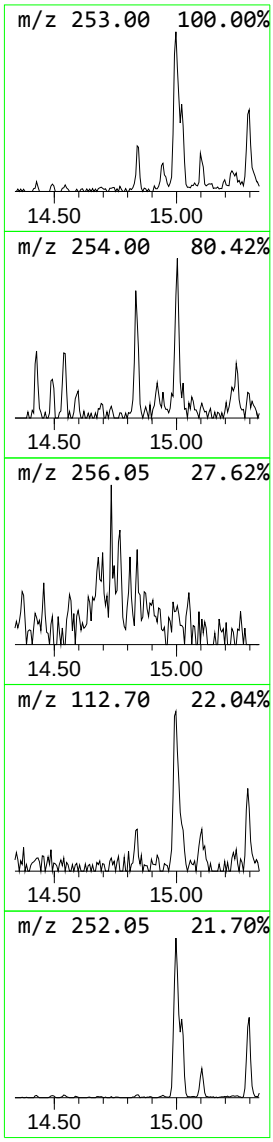
Peak Number 15 4,5-Dihydrobenzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.93 ng	44861	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
2	4,4'-Biazulenyl	254	C20H14	094053-54-0	53
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	52
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	50
5	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	50





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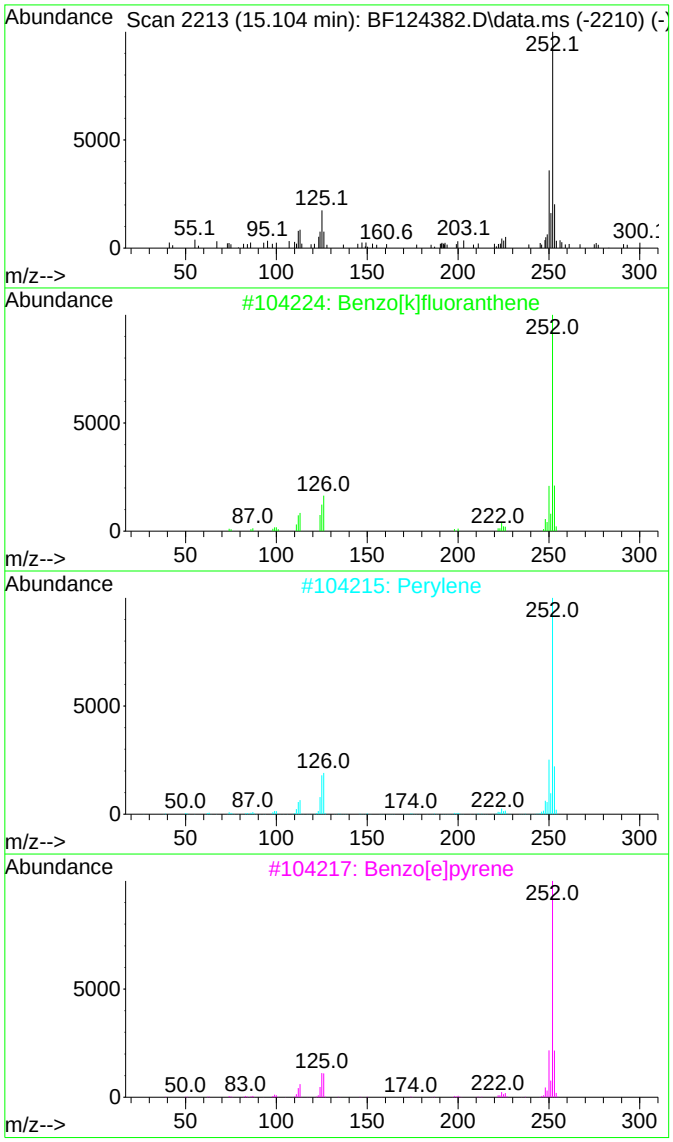
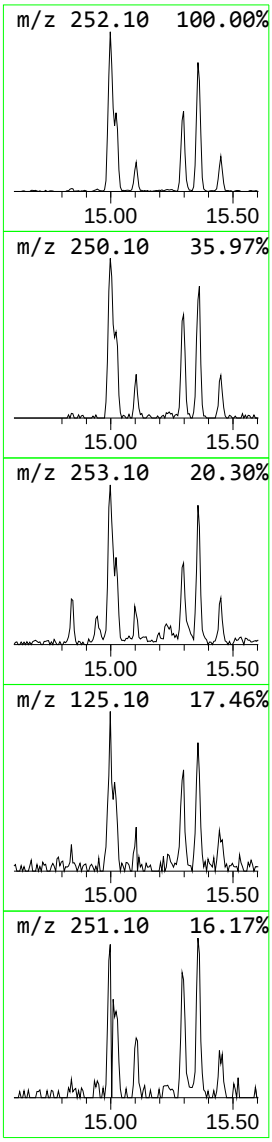
Peak Number 16 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	3.45 ng	52853	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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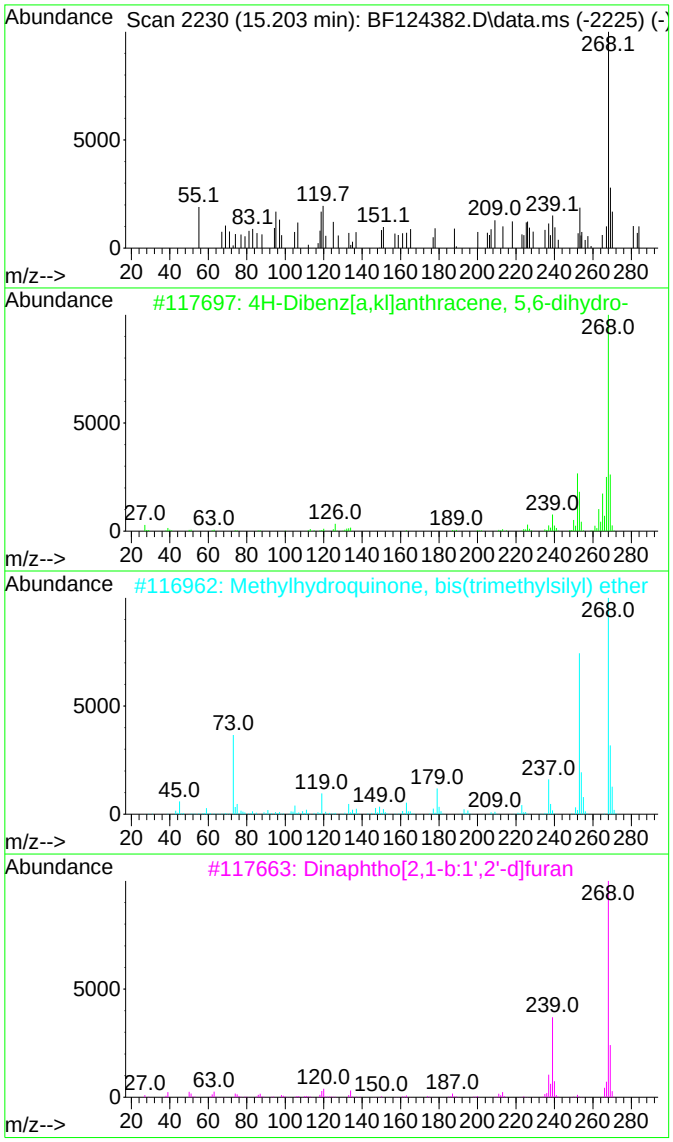
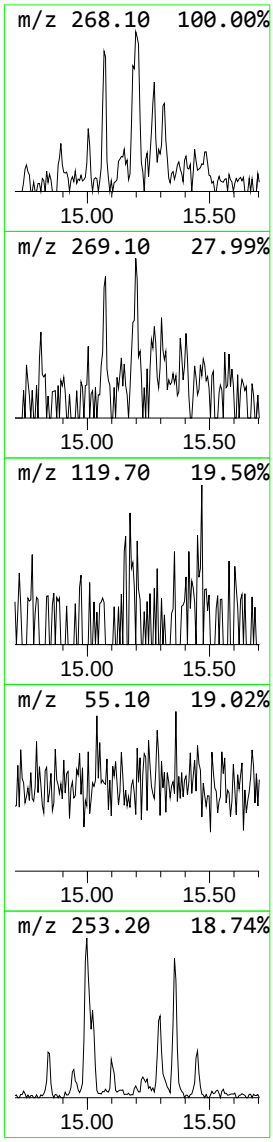
****
Peak Number 17 4H-Dibenz[a,kl]anthracene, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	2.54 ng	38853	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	58
2	Methylhydroquinone, bis(trimethy...	268	C13H24O2Si2	1000352-79-5	58
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	53
4	Phthalazine-1,4(2H,3H)-dione, 2-...	268	C15H12N2O3	298228-25-8	53
5	2-Hydroxy-4,5-methylenedioxy-2-(...	268	C16H12O4	1000284-51-7	47





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Data File : BF124382.D
Acq On : 18 Jun 2021 19:38
Operator : JU/CG
Sample : M2749-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-04_14.5-15.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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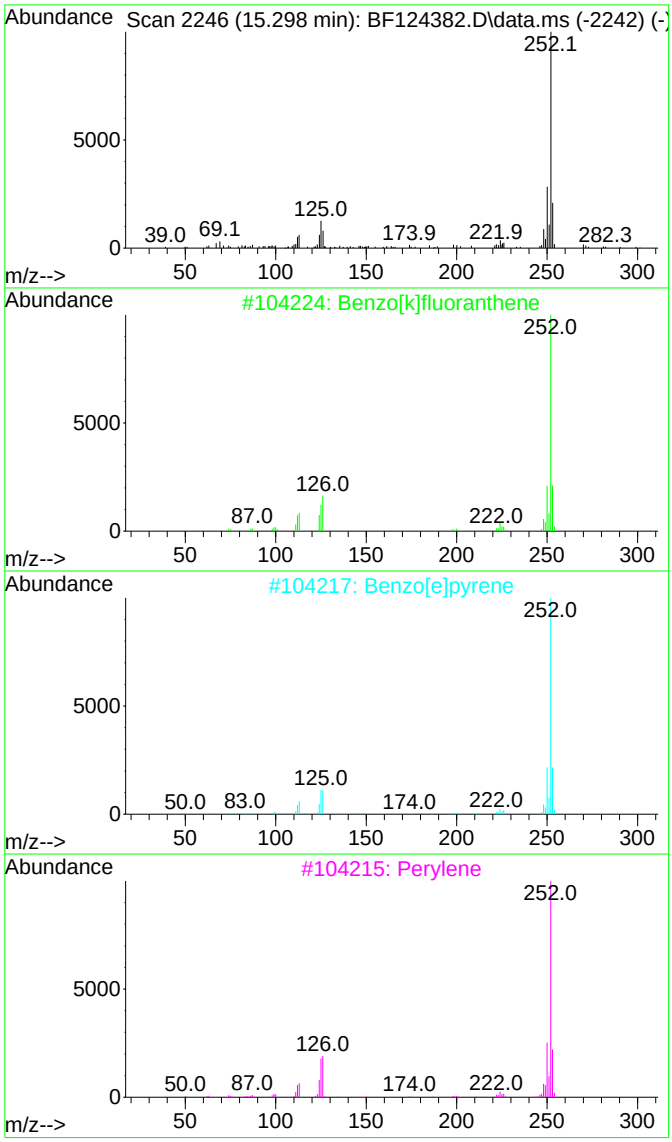
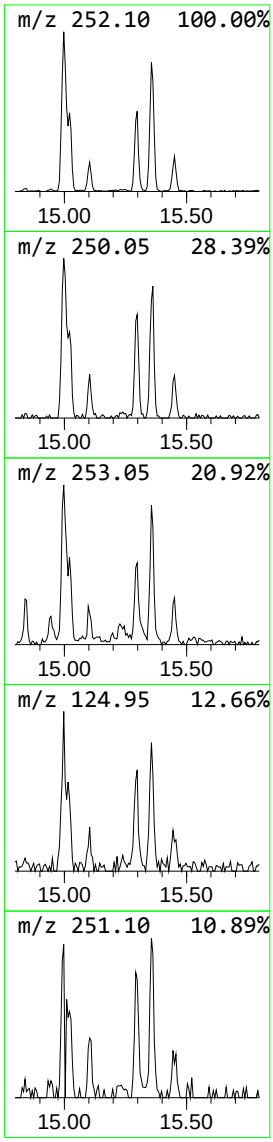
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	13.35 ng	204462	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





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Data File : BF124382.D
Acq On : 18 Jun 2021 19:38
Operator : JU/CG
Sample : M2749-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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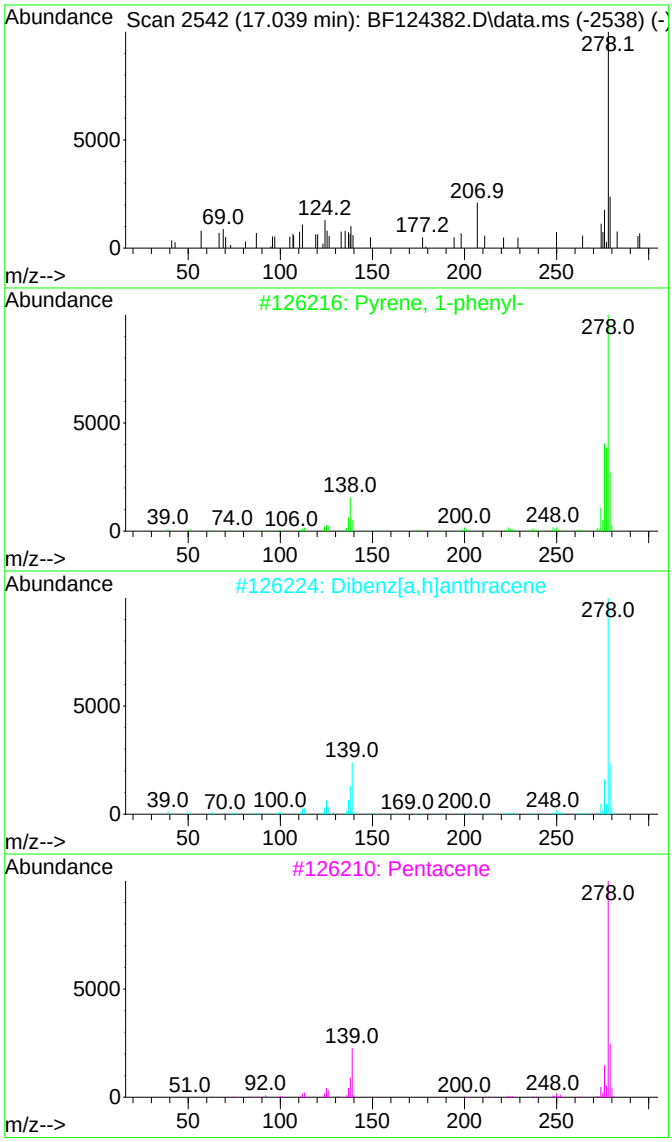
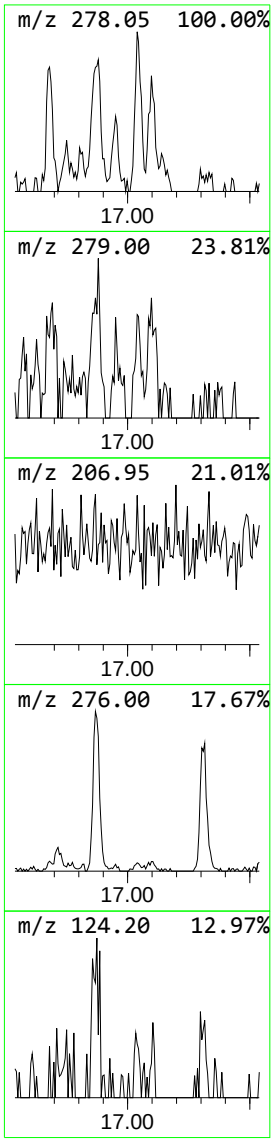
Peak Number 19 Pyrene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	2.53 ng	38728	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	52
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	50
3	Pentacene	278	C22H14	000135-48-8	50
4	Benzo[b]naphtho[2,3-d]thiophene,...	278	C19H18S	024964-01-0	50
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124382.D
Acq On : 18 Jun 2021 19:38
Operator : JU/CG
Sample : M2749-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PX-04_14.5-15.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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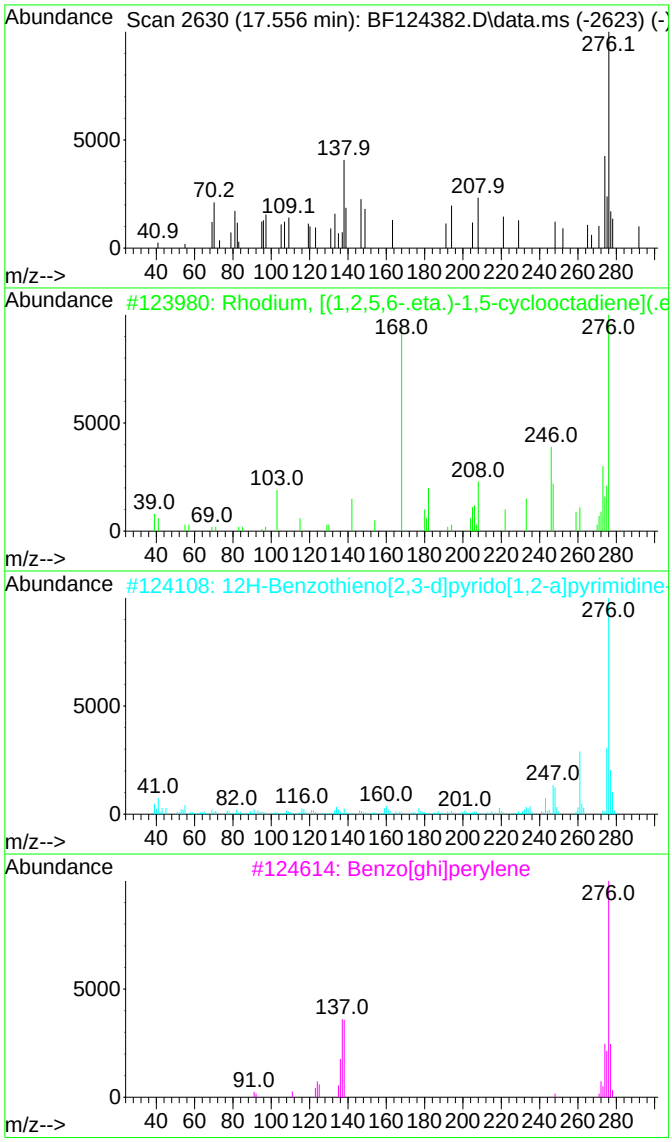
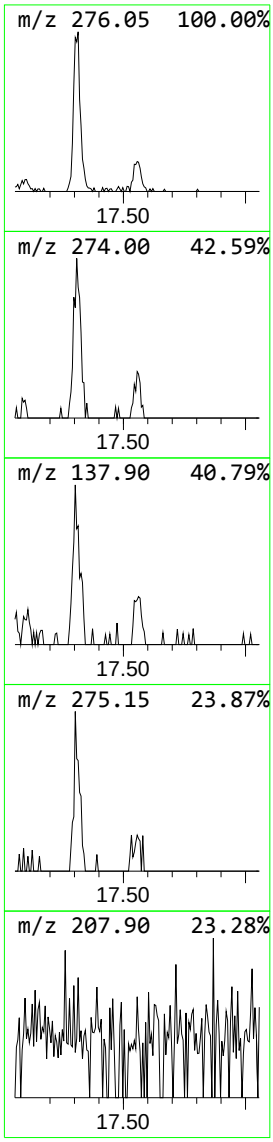
Peak Number 20 unknown17.556 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.556	3.17 ng	48550	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Rhodium, [(1,2,5,6-.eta.)-1,5-cy...	276	C13H17Rh	032610-45-0	43
2	12H-Benzothieno[2,3-d]pyrido[1,2...	276	C14H16N2S2	102254-63-7	38
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	37
4	Diphenyl(4-tolyl)phosphine	276	C19H17P	001031-93-2	35
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
Data File : BF124382.D
Acq On : 18 Jun 2021 19:38
Operator : JU/CG
Sample : M2749-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX-04_14.5-15.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
unknown4.992	4.992	2.3	ng	24270	1	6.781	207780	20.0
Ethanol, 2-(2-b...	7.975	4.1	ng	55914	2	8.069	275711	20.0
Phenanthrene, 2...	11.810	4.3	ng	75364	4	11.310	351590	20.0
Anthracene, 1-m...	11.839	7.0	ng	123997	4	11.310	351590	20.0
4H-Cyclopenta[d...	11.921	7.9	ng	138214	4	11.310	351590	20.0
Anthracene, 2-m...	11.945	2.6	ng	45515	4	11.310	351590	20.0
5,16[1',2']:8,1...	12.110	2.6	ng	46288	4	11.310	351590	20.0
9,10-Anthracene...	12.139	3.1	ng	53999	4	11.310	351590	20.0
Phenanthrene, 2...	12.363	2.7	ng	47340	4	11.310	351590	20.0
unknown12.398	12.398	2.5	ng	43555	4	11.310	351590	20.0
Cyclopenta(def)...	12.457	3.2	ng	56364	4	11.310	351590	20.0
11H-Benzo[a]flu...	12.980	2.4	ng	86692	5	13.957	710620	20.0
Pyrene, 2-methyl-	13.186	2.3	ng	82344	5	13.957	710620	20.0
unknown13.704	13.704	2.7	ng	95708	5	13.957	710620	20.0
4,5-Dihydrobenz...	14.839	2.9	ng	44861	6	15.421	306311	20.0
Perylene	15.104	3.5	ng	52853	6	15.421	306311	20.0
4H-Dibenz[a,kl]...	15.204	2.5	ng	38853	6	15.421	306311	20.0
Benzo[e]pyrene	15.298	13.4	ng	204462	6	15.421	306311	20.0
Pyrene, 1-phenyl-	17.039	2.5	ng	38728	6	15.421	306311	20.0
unknown17.556	17.556	3.2	ng	48550	6	15.421	306311	20.0