LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138345.D
Acq On : 25 Jun 2024 20:38
Operator : CG\JU
Sample : P3021-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ARS20-006

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138345.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	18	rVB	409040	511529	17.91%	1.551%
2	5.498	576	580	590	rVB	422449	397466	13.92%	1.205%
3	6.504	748	751	758	rVB	499005	382158	13.38%	1.159%
4	6.887	812	816	819	rBV	1466926	1220918	42.76%	3.701%
5	7.439	907	910	915	rBV	319475	243373	8.52%	0.738%
6	8.163	1030	1033	1036	rBV	1787726	1549133	54.25%	4.696%
7	8.186	1036	1037	1040	rVB	127261	69406	2.43%	0.210%
8	8.881	1151	1155	1158	rBV	71612	63191	2.21%	0.192%
9	8.975	1168	1171	1174	rBV	68488	54578	1.91%	0.165%
10	9.239	1212	1216	1219	rBV	643254	501482	17.56%	1.520%
11	9.504	1257	1261	1265	rVB2	30515	40844	1.43%	0.124%
12	9.575	1270	1273	1276	rBV	66391	67179	2.35%	0.204%
13	9.780	1303	1308	1312	rBV	95625	78268	2.74%	0.237%
14	9.922	1328	1332	1335	rBV	1909933	1480945	51.86%	4.490%
15	9.951	1335	1337	1340	rVB	199897	149317	5.23%	0.453%
16	10.016	1344	1348	1353	rVB	189873	236466	8.28%	0.717%
17	10.122	1362	1366	1370	rBV	133478	116122	4.07%	0.352%
18	10.157	1370	1372	1377	rVB	31801	33009	1.16%	0.100%
19	10.233	1382	1385	1388	rBV2	34846	34981	1.23%	0.106%
20	10.327	1396	1401	1402	rBV3	33708	38098	1.33%	0.116%
21	10.469	1421	1425	1430	rVB	171187	166520	5.83%	0.505%
22	10.533	1430	1436	1438	rBV	30109	42468	1.49%	0.129%
23	10.622	1449	1451	1460	rVB2	76649	93341	3.27%	0.283%
24	10.704	1462	1465	1469	rBV	316771	273595	9.58%	0.829%
25	10.833	1481	1487	1490	rBV5	53342	69474	2.43%	0.211%
26	11.016	1511	1518	1520	rBV3	62055	88970	3.12%	0.270%
27	11.139	1534	1539	1541	rBV3	45951	54029	1.89%	0.164%
28	11.163	1541	1543	1548	rVB3	50442	48911	1.71%	0.148%
29	11.210	1548	1551	1555	rVB	126804	107752	3.77%	0.327%
30	11.269	1555	1561	1563	rBV2	120876	154724	5.42%	0.469%
31	11.304	1564	1567	1569	rVB	113445	83936	2.94%	0.254%
32	11.410	1581	1585	1587	rBV	1454026	1503810	52.66%	4.559%
33	11.433	1587	1589	1592	rVV	2097222	1601898	56.10%	4.856%
34	11.480	1594	1597	1600	rVV	388878	325586	11.40%	0.987%
35	11.510	1600	1602	1606	rVB2	39668	46140	1.62%	0.140%
36	11.633	1617	1623	1632	rBV2	165490	239694	8.39%	0.727%

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ARS20-006

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.704	1632	1635	1638	rVV3	55045	58104	2.03%	0.176%
38	11.739	1638	1641	1646	rVB2	55767	61665	2.16%	0.187%
39	11.816	1652	1654	1659	rVB2	36531	40378	1.41%	0.122%
40	11.910	1664	1670	1672	rBV	273765	267082	9.35%	0.810%
41	11.933	1672	1674	1677	rVV	364467	313542	10.98%	0.951%
42	11.980	1677	1682	1685	rVB2	111432	112547	3.94%	0.341%
43	12.021	1685	1689	1691	rBV2	371342	399120	13.98%	1.210%
44	12.039	1691	1692	1697	rVB	179649	137295	4.81%	0.416%
45	12.086	1697	1700	1702	rBV2	30451	41171	1.44%	0.125%
46	12.204	1717	1720	1722	rBV	207087	168565	5.90%	0.511%
47	12.227	1722	1724	1727	rVB	191654	151408	5.30%	0.459%
48	12.351	1743	1745	1748	rVB2	70773	53320	1.87%	0.162%
49	12.380	1748	1750	1752	rBV	59708	46502	1.63%	0.141%
50	12.404	1752	1754	1757	rVB	60234	53015	1.86%	0.161%
51	12.457	1757	1763	1766	rBV	179465	207874	7.28%	0.630%
52	12.492	1766	1769	1771	rVV2	103955	123831	4.34%	0.375%
53	12.516	1771	1773	1775	rVV	64768	49451	1.73%	0.150%
54	12.539	1775	1777	1782	rVB	158156	172592	6.04%	0.523%
55	12.621	1787	1791	1794	rBV	2935603	2410392	84.41%	7.308%
56	12.663	1794	1798	1800	rBV2	40237	41961	1.47%	0.127%
57	12.716	1804	1807	1809	rVB	82056	68674	2.41%	0.208%
58	12.751	1809	1813	1814	rBV2	53858	68492	2.40%	0.208%
59	12.774	1814	1817	1820	rVV	73895	64718	2.27%	0.196%
60	12.851	1823	1830	1833	rBV	2425707	2440088	85.45%	7.398%
61	12.898	1835	1838	1843	rVB2	119207	142780	5.00%	0.433%
62	12.968	1846	1850	1851	rBV	151803	139922	4.90%	0.424%
63	12.986	1851	1853	1860	rVB2	533440	608571	21.31%	1.845%
64	13.068	1861	1867	1870	rBV2	184774	314306	11.01%	0.953%
65	13.098	1870	1872	1874	rVB	47687	35342	1.24%	0.107%
66	13.151	1878	1881	1883	rBV4	149798	188351	6.60%	0.571%
67	13.174	1883	1885	1888	rVB	358568	299435	10.49%	0.908%
68	13.221	1888	1893	1894	rBV3	37949	62220	2.18%	0.189%
69	13.239	1894	1896	1899	rBV	180020	151239	5.30%	0.459%
70	13.280	1899	1903	1905	rBV2	257678	269542	9.44%	0.817%
71	13.304	1905	1907	1910	rVB2	75576	68307	2.39%	0.207%
72	13.333	1910	1912	1916	rBV3	55669	58699	2.06%	0.178%
73	13.374	1916	1919	1921	rBV	137243	118454	4.15%	0.359%
74	13.404	1921	1924	1927	rBV2	144598	145908	5.11%	0.442%
75	13.480	1933	1937	1941	rBV5	38200	65377	2.29%	0.198%
76	13.574	1946	1953	1955	rBV6	77230	159296	5.58%	0.483%

LSC Area Percent Report

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Acq On : 25 Jun 2024 20:38
Operator : CG\JU
Sample : P3021-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ARS20-006

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.680	1968	1971	1976	rVB	249975	242862	8.51%	0.736%
78	13.792	1986	1990	1993	rBV2	196826	249649	8.74%	0.757%
79	13.821	1993	1995	1997	rVV	209243	173539	6.08%	0.526%
80	13.845	1997	1999	2004	rVV2	161653	248818	8.71%	0.754%
81	13.886	2004	2006	2013	rVB	242560	248225	8.69%	0.753%
82	14.045	2025	2033	2036	rBV2	1885012	2855462	100.00%	8.657%
83	14.074	2036	2038	2043	rVB	1040037	936910	32.81%	2.840%
84	14.151	2049	2051	2053	rBV	114442	84859	2.97%	0.257%
85	14.186	2055	2057	2059	rBV	61091	53915	1.89%	0.163%
86	14.268	2067	2071	2074	rBV2	77627	110313	3.86%	0.334%
87	14.298	2074	2076	2079	rVB2	52032	41673	1.46%	0.126%
88	14.398	2090	2093	2094	rBV	63378	66085	2.31%	0.200%
89	14.433	2096	2099	2101	rVV	224224	228143	7.99%	0.692%
90	14.463	2102	2104	2108	rVB	120270	126897	4.44%	0.385%
91	14.557	2117	2120	2122	rBV	101958	96236	3.37%	0.292%
92	14.674	2137	2140	2144	rBV2	60501	66085	2.31%	0.200%
93	15.092	2206	2211	2214	rBV	769550	1233598	43.20%	3.740%
94	15.198	2226	2229	2233	rVB	148494	150492	5.27%	0.456%
95	15.398	2259	2263	2269	rVB	395509	524643	18.37%	1.591%
96	15.457	2269	2273	2279	rBV	603476	734039	25.71%	2.225%
97	15.521	2280	2284	2287	rVV	741073	892253	31.25%	2.705%
98	15.551	2287	2289	2296	rVB2	192974	260715	9.13%	0.790%
99	16.998	2531	2535	2543	rVB2	222911	452090	15.83%	1.371%
100	17.451	2608	2612	2623	rVB	172555	358621	12.56%	1.087%

Sum of corrected areas: 32984969

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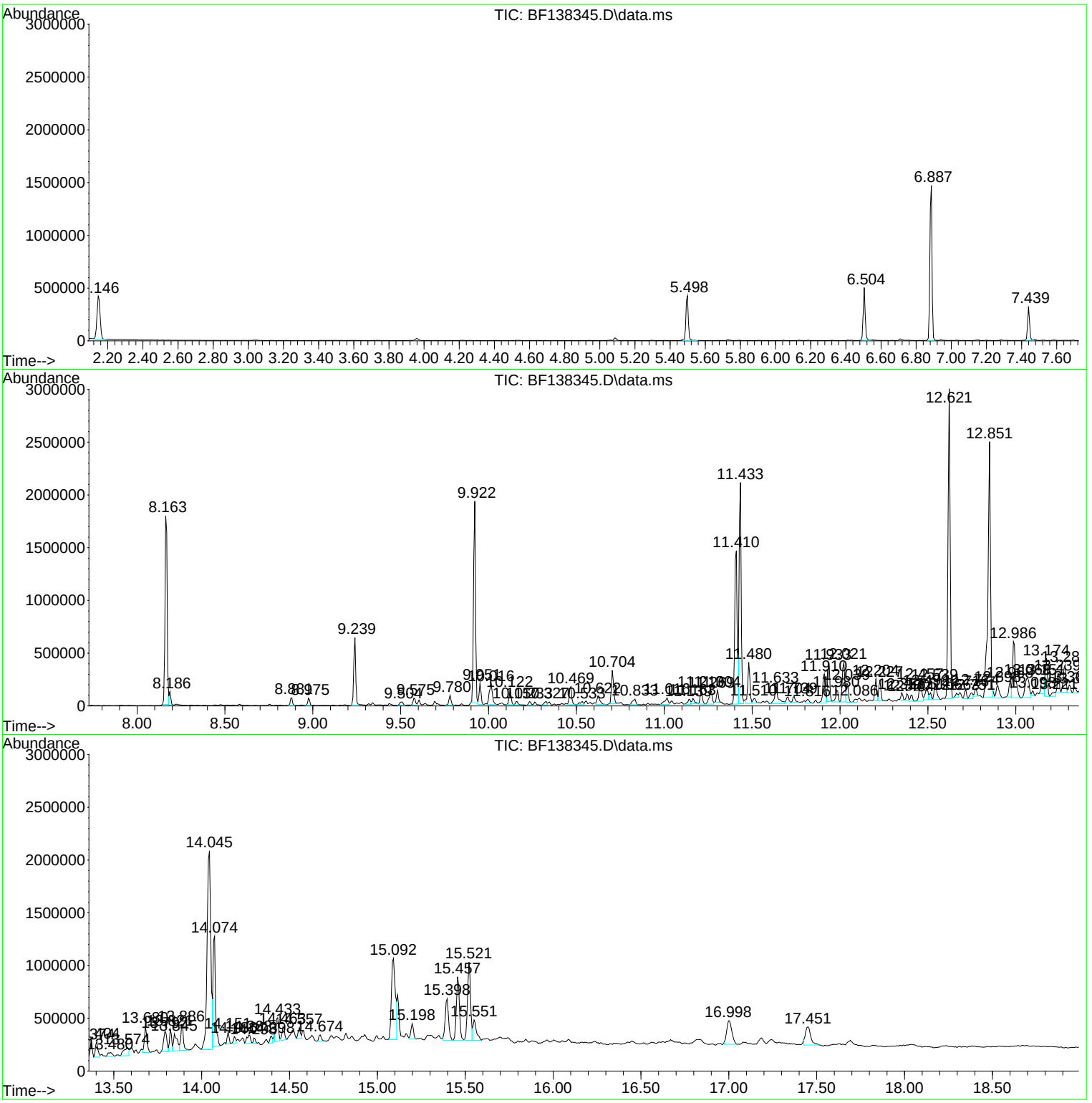
Instrument :
BNA_F
ClientSampleId :
ARS20-006

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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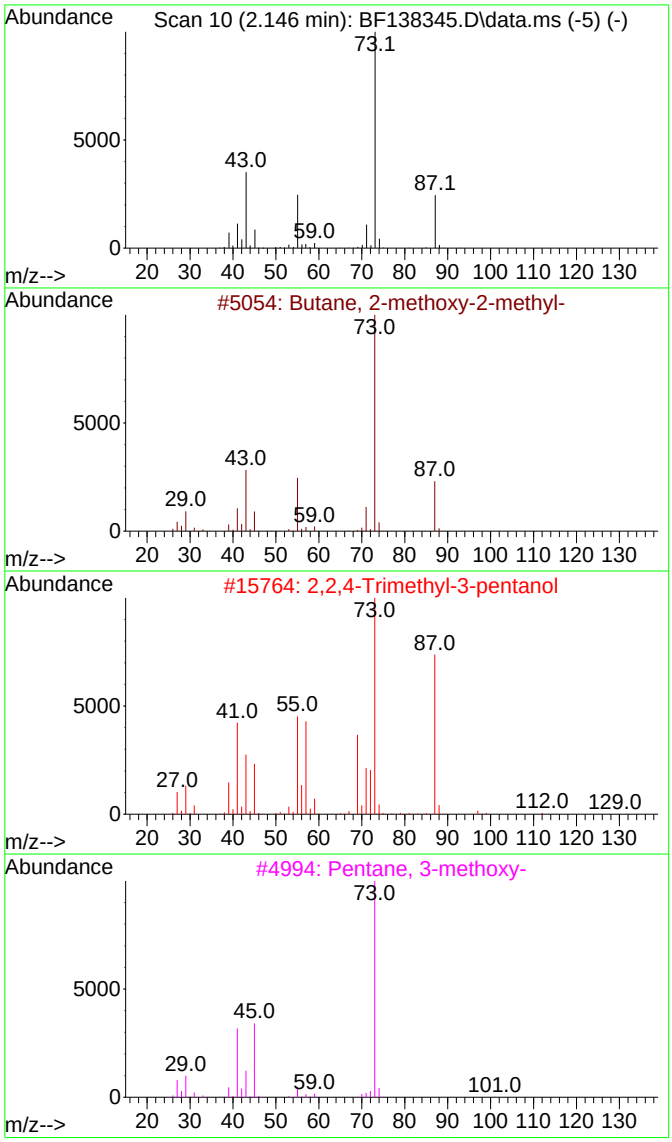
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

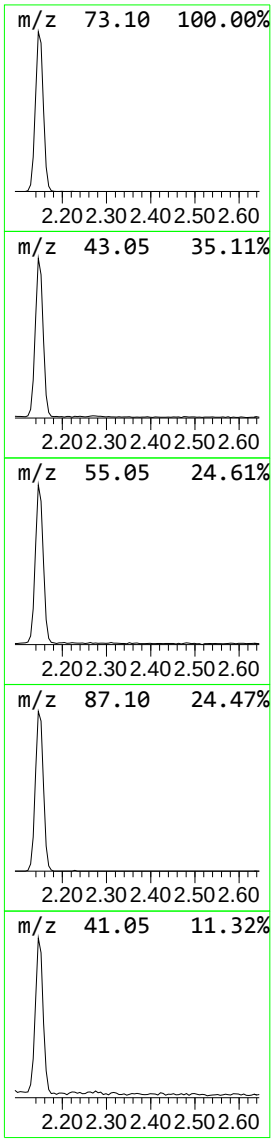
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	8.38 ng	511529	1,4-Dichlorobenzene-d4	6.887

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

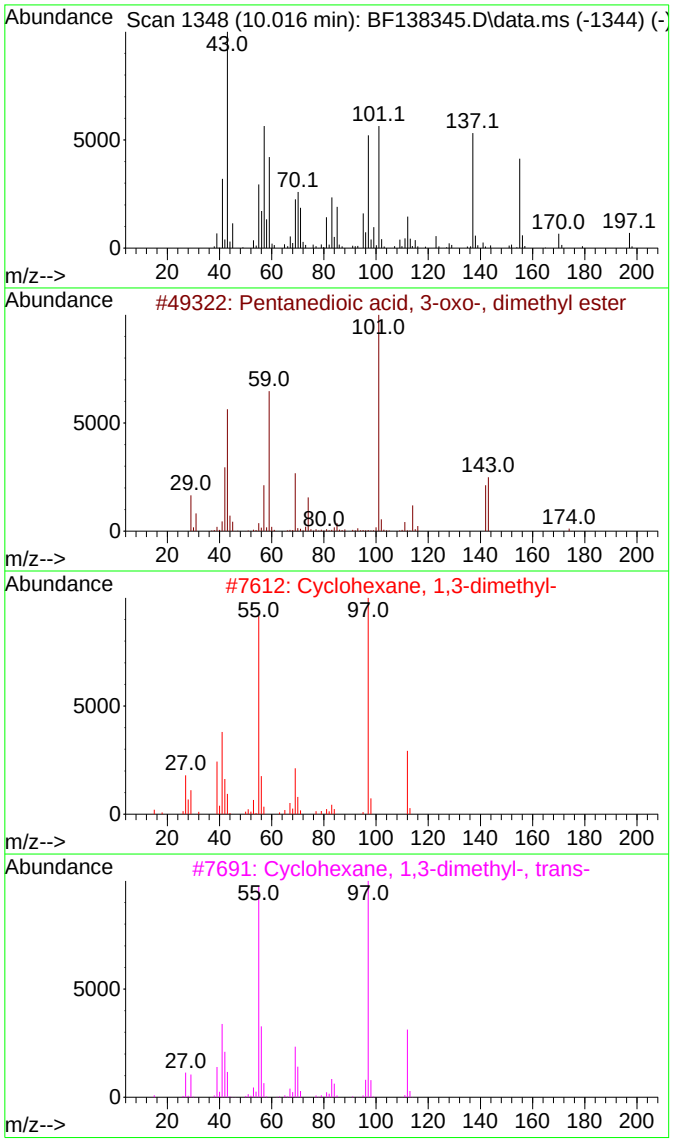
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

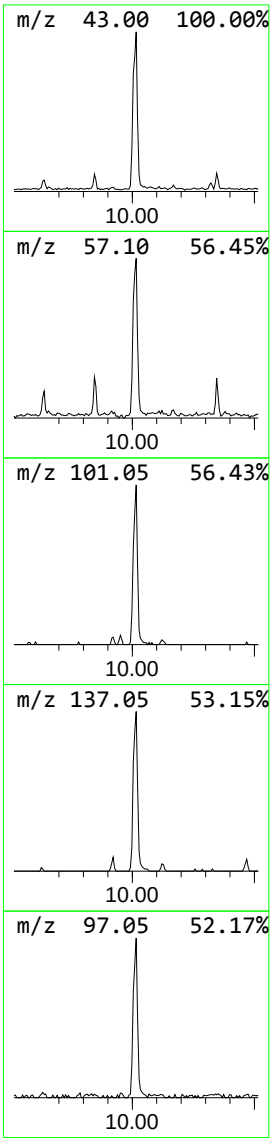
****

Peak Number 2 unknown10.016 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	3.19 ng	236466	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, 3-oxo-, dimet...	174	C7H10O5	001830-54-2	14
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	11
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	11
4	Benzenemethanol, 4-chloro-.alpha...	170	C9H11ClO	001989-25-9	11
5	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	11





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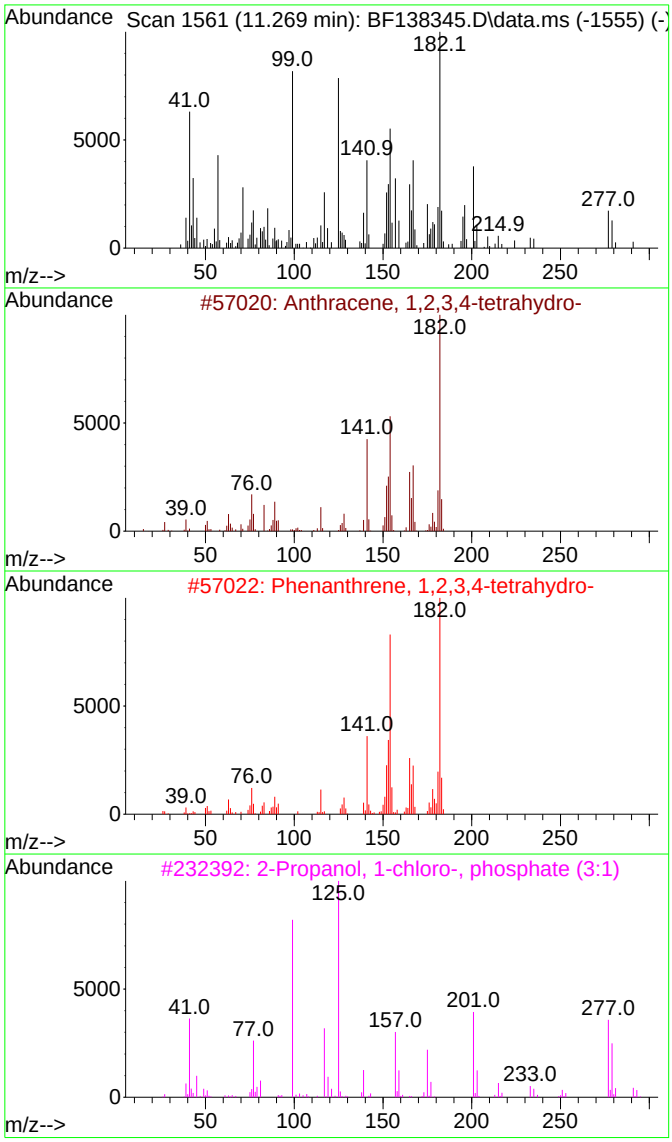
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

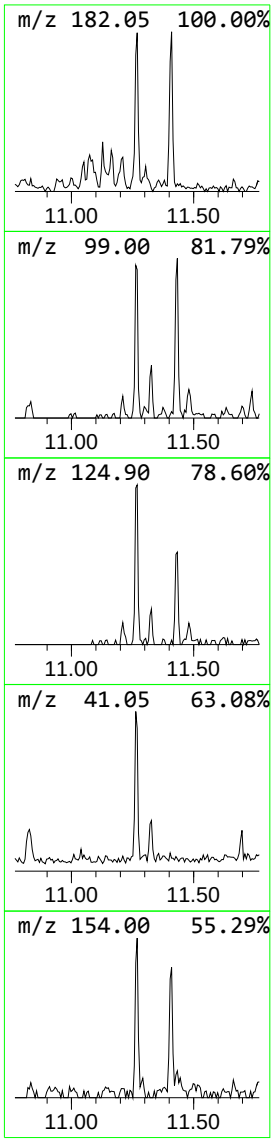
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	2.06 ng	154724	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	95
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	47
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	41
4	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	41
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	35





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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ARS20-006

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

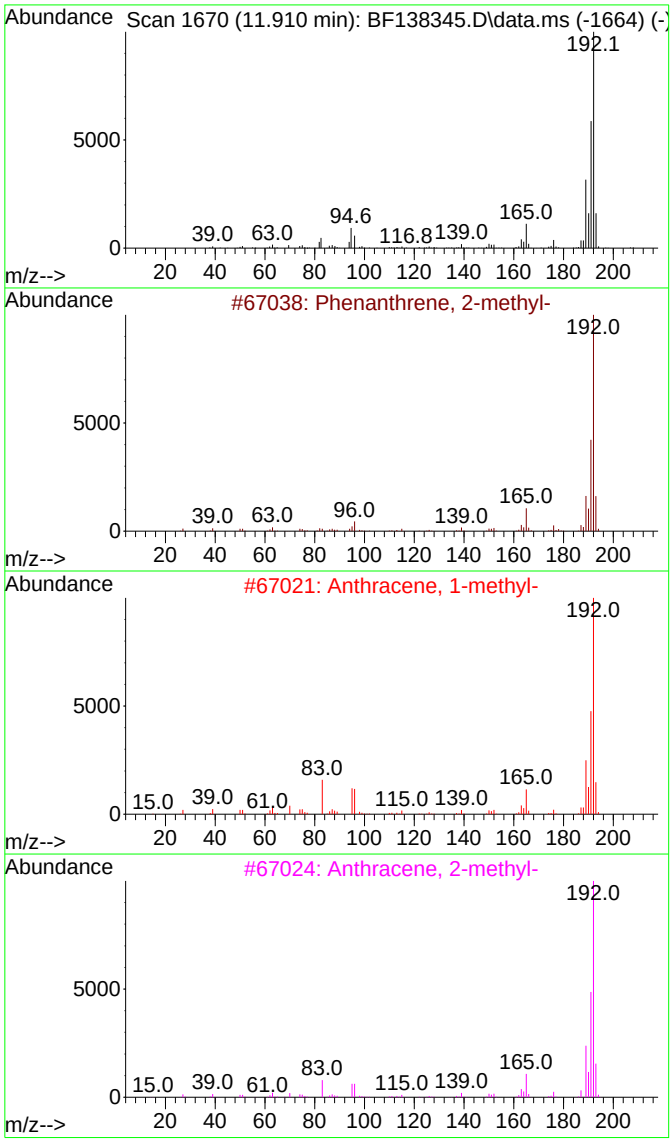
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

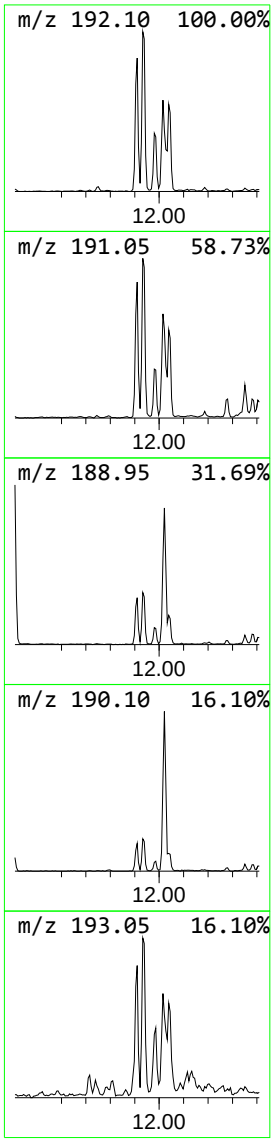
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.55 ng	267082	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138345.D
Acq On : 25 Jun 2024 20:38
Operator : CG\JU
Sample : P3021-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

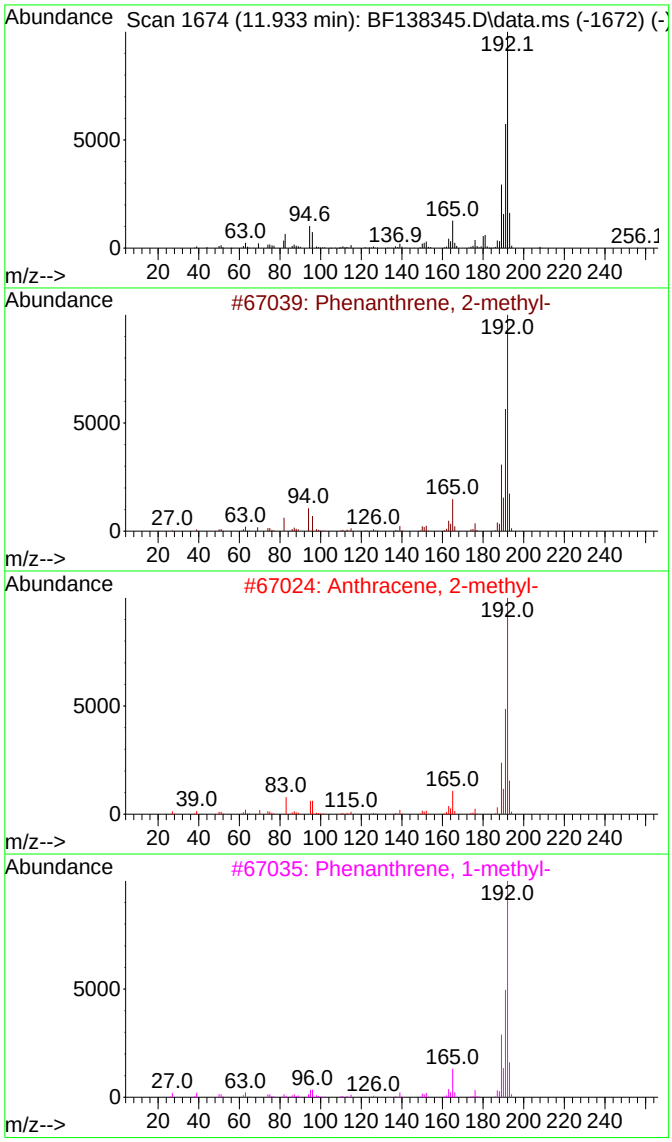
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

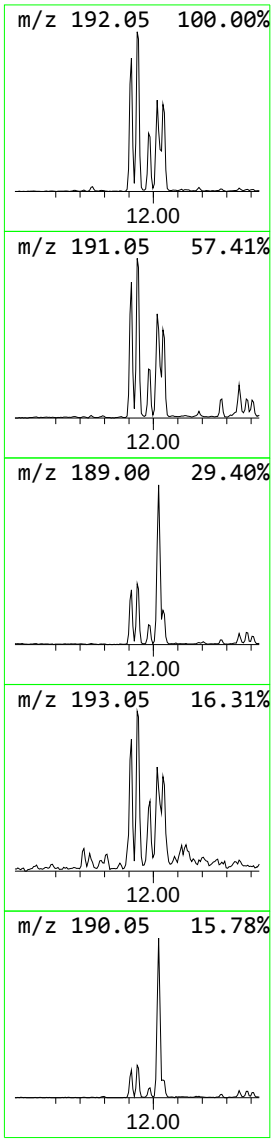
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.17 ng	313542	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Data File : BF138345.D
Acq On : 25 Jun 2024 20:38
Operator : CG\JU
Sample : P3021-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ARS20-006

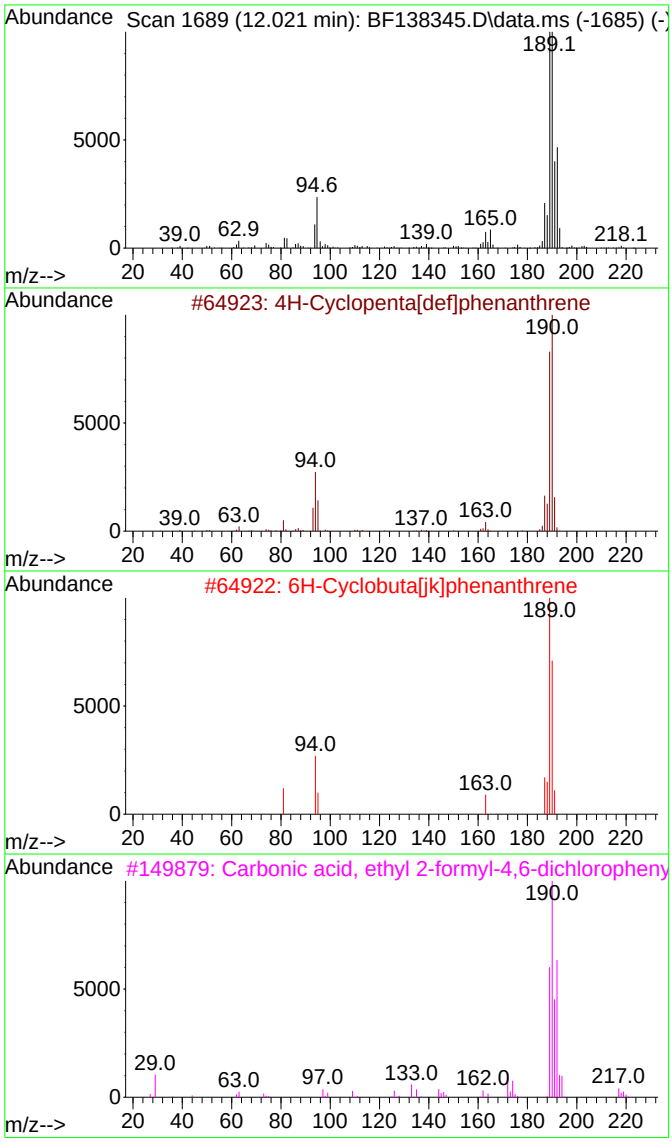
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

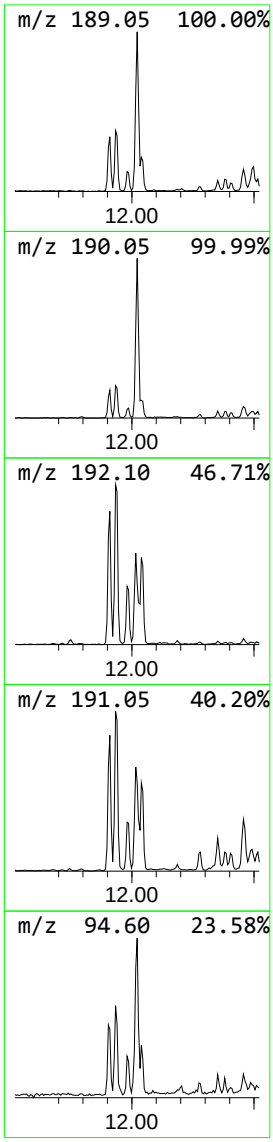
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	5.31 ng	399120	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





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

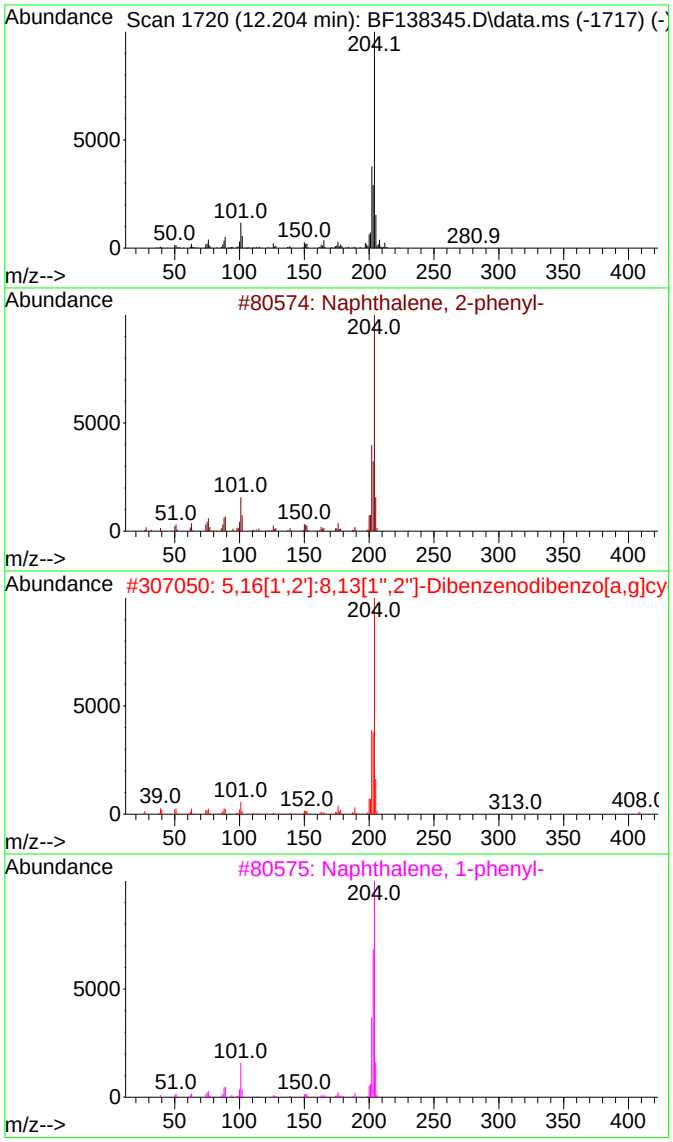
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

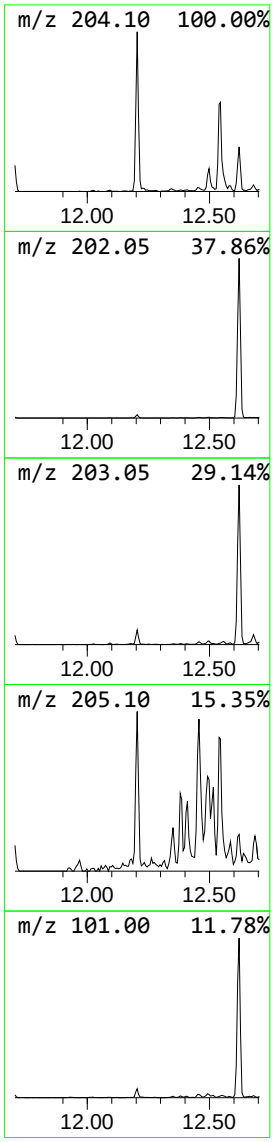
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	2.24 ng	168565	Phenanthrene-d10	11.410

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	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

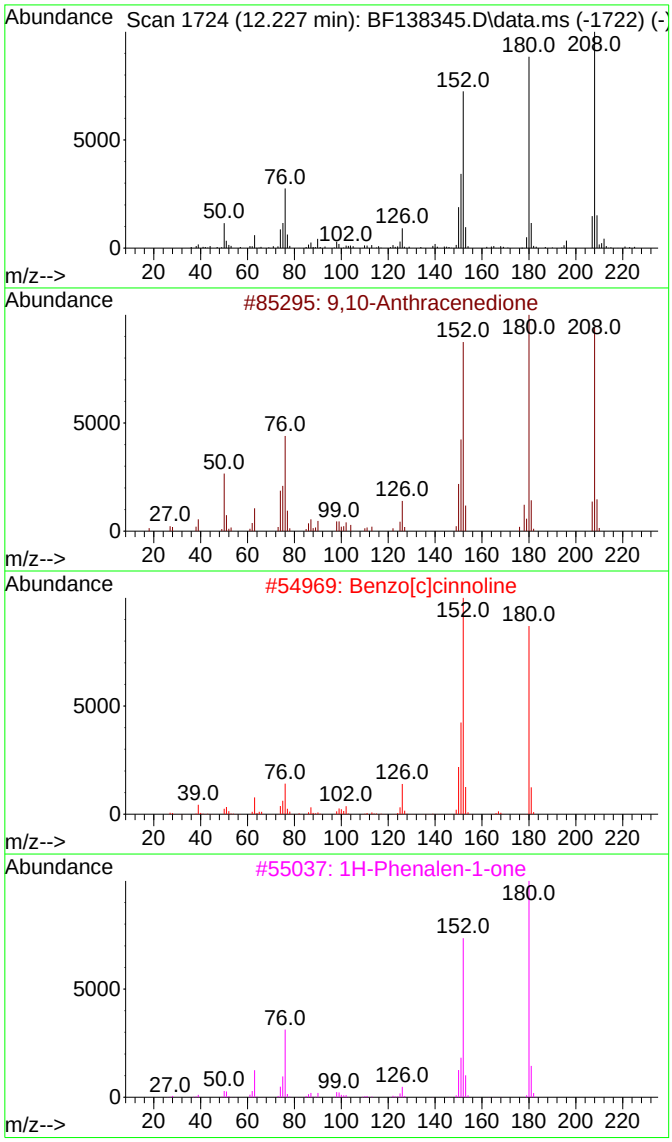
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

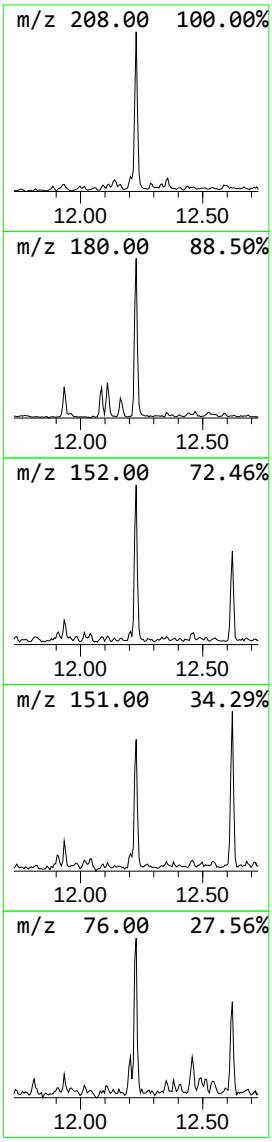
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	2.01 ng	151408	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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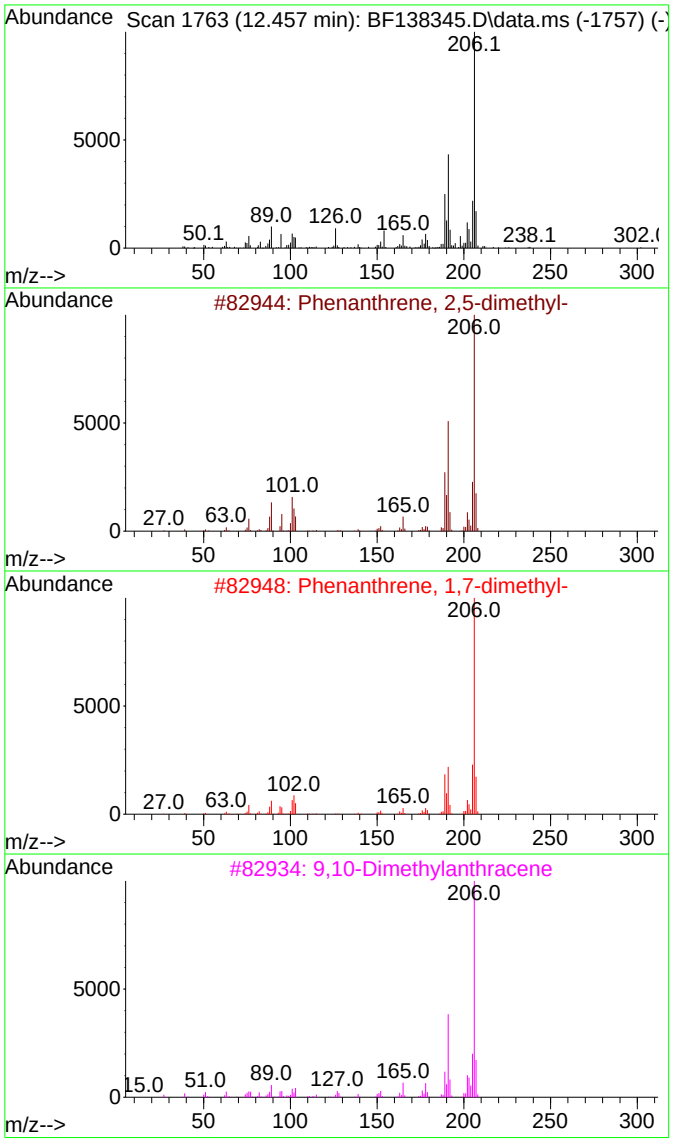
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

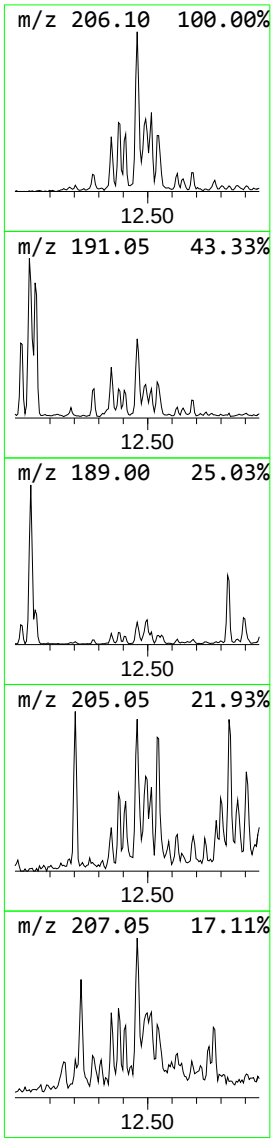
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.76 ng	207874	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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Operator : CG\JU
Sample : P3021-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ARS20-006

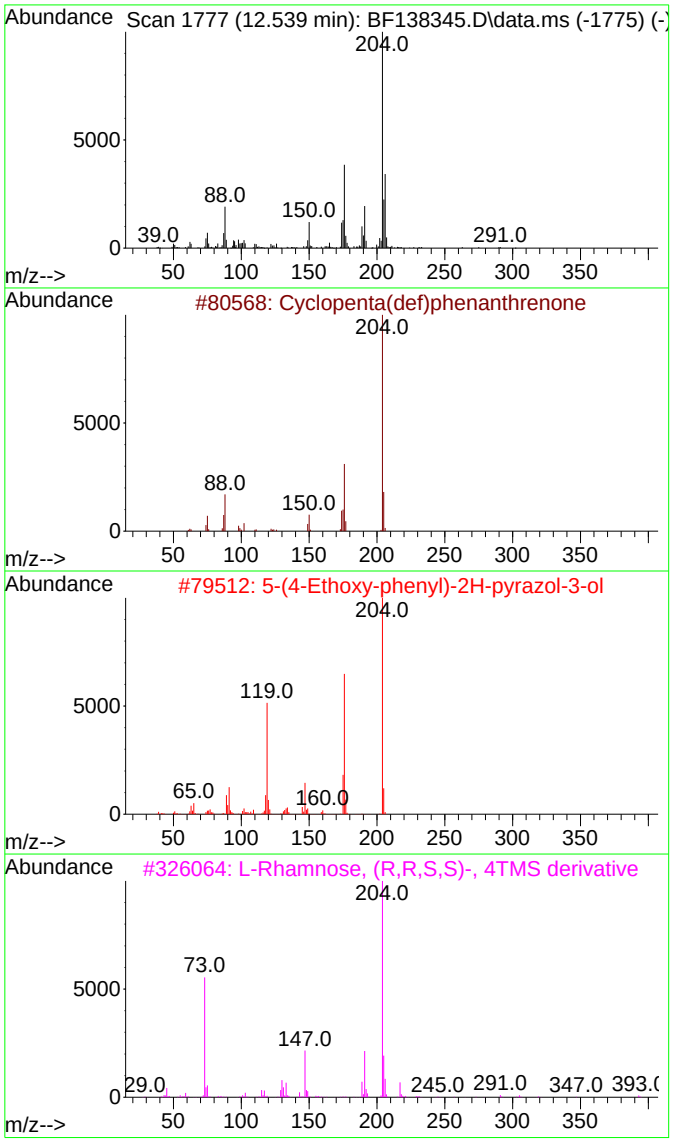
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

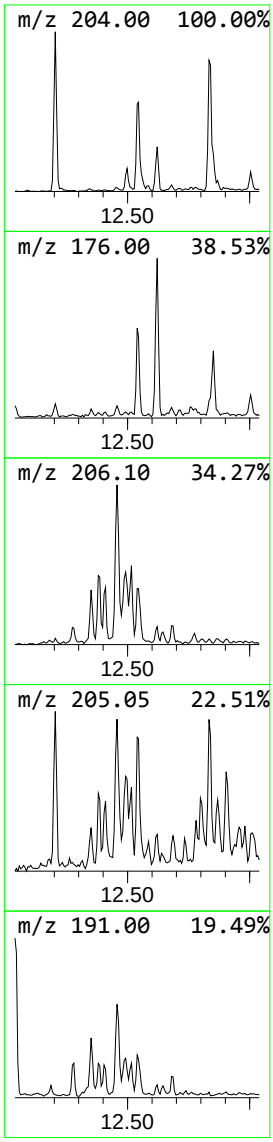
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	2.30 ng	172592	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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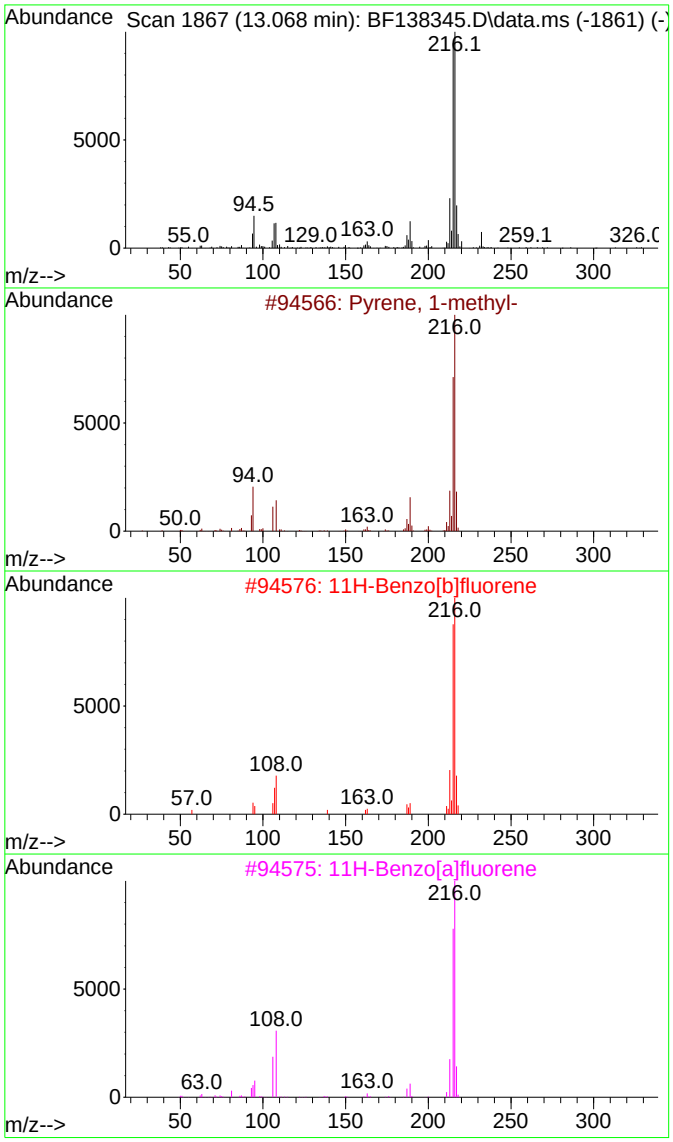
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

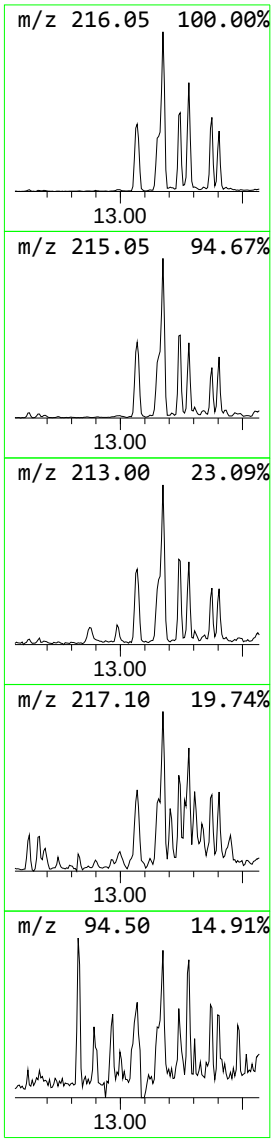
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.20 ng	314306	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ARS20-006

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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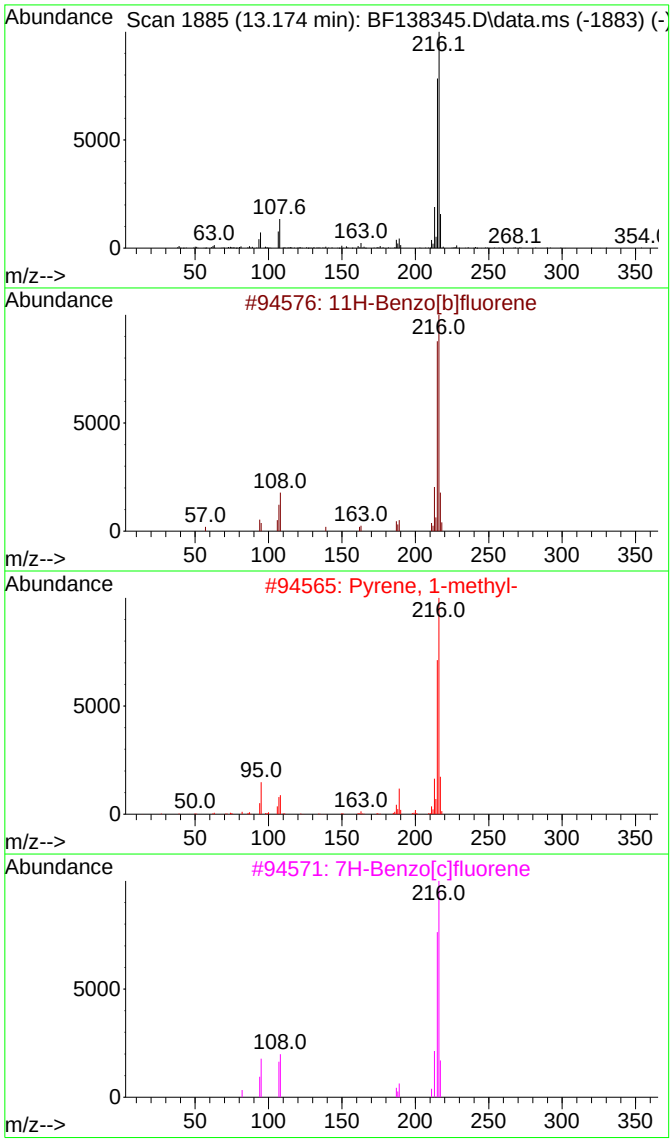
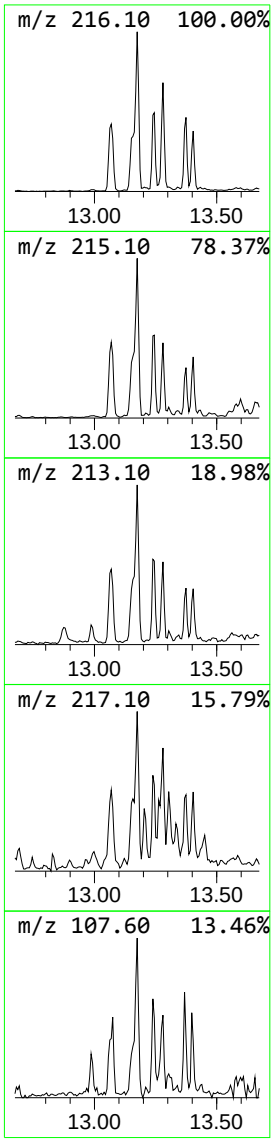
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.10 ng	299435	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Misc :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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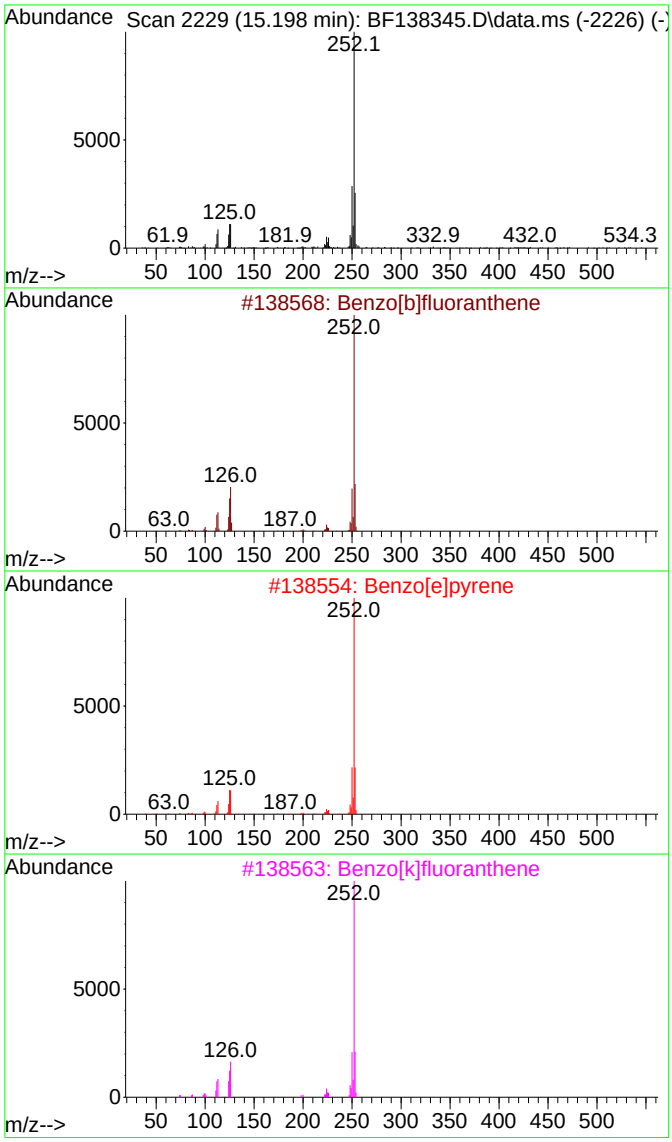
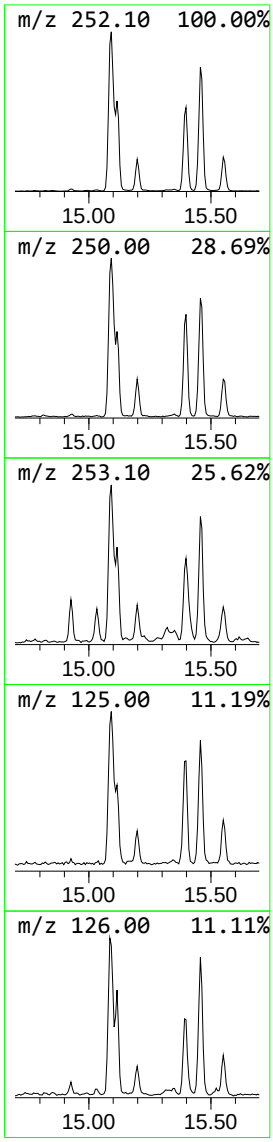
Peak Number 13 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	3.37 ng	150492	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





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Sample : P3021-07 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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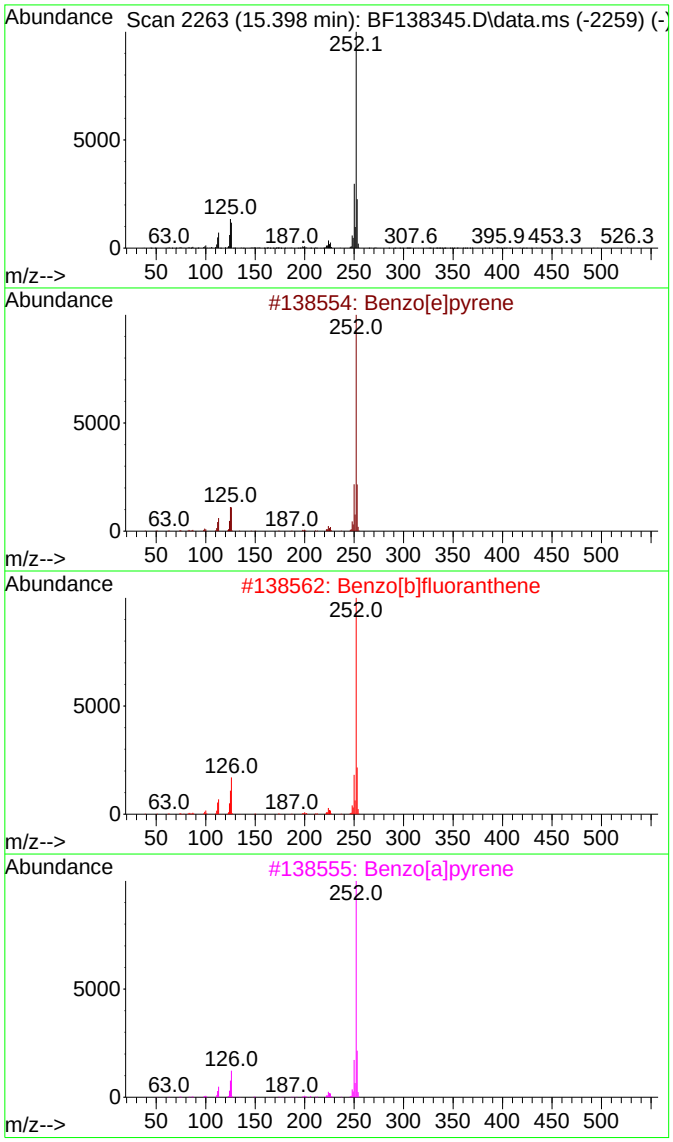
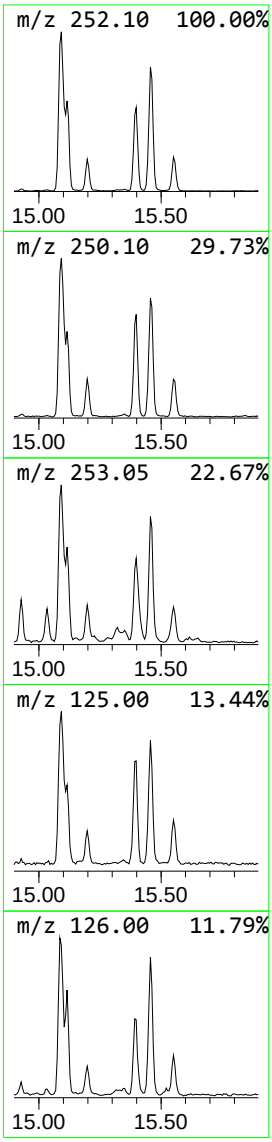
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	11.76 ng	524643	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	8.4	ng	511529	1	6.887	1220920	20.0
unknown10.016	10.016	3.2	ng	236466	3	9.922	1480950	20.0
Anthracene, 1,2...	11.269	2.1	ng	154724	4	11.410	1503810	20.0
Phenanthrene, 2...	11.910	3.5	ng	267082	4	11.410	1503810	20.0
Anthracene, 2-m...	11.933	4.2	ng	313542	4	11.410	1503810	20.0
4H-Cyclopenta[d...	12.022	5.3	ng	399120	4	11.410	1503810	20.0
Naphthalene, 2-...	12.204	2.2	ng	168565	4	11.410	1503810	20.0
9,10-Anthracene...	12.227	2.0	ng	151408	4	11.410	1503810	20.0
Phenanthrene, 2...	12.457	2.8	ng	207874	4	11.410	1503810	20.0
Cyclopenta(def)...	12.539	2.3	ng	172592	4	11.410	1503810	20.0
Pyrene, 1-methyl-	13.069	2.2	ng	314306	5	14.045	2855460	20.0
11H-Benzo[b]flu...	13.174	2.1	ng	299435	5	14.045	2855460	20.0
Benzo[e]pyrene	15.198	3.4	ng	150492	6	15.521	892253	20.0
Perylene	15.398	11.8	ng	524643	6	15.521	892253	20.0