LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125996.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	502	505	510	rVB	45561	43546	1.24%	0.128%
2	5.463	570	574	582	rBV	1078648	902740	25.67%	2.655%
3	6.475	742	746	749	rBV	1196343	925228	26.31%	2.721%
4	6.857	808	811	815	rBV	1312646	1111163	31.59%	3.268%
5	7.416	902	906	909	rBV	667693	544362	15.48%	1.601%
6	8.045	1009	1013	1025	rBV	167332	212119	6.03%	0.624%
7	8.139	1025	1029	1033	rBV	1623987	1327976	37.76%	3.905%
8	9.216	1208	1212	1215	rBV	1003027	837221	23.80%	2.462%
9	9.475	1253	1256	1262	rBV3	23526	35362	1.01%	0.104%
10	9.557	1266	1270	1272	rVV	56929	54109	1.54%	0.159%
11	9.610	1276	1279	1283	rBV3	33266	47679	1.36%	0.140%
12	9.669	1287	1289	1294	rVB	55237	52143	1.48%	0.153%
13	9.757	1301	1304	1308	rBV2	36054	49473	1.41%	0.145%
14	9.810	1310	1313	1315	rVB	55468	39831	1.13%	0.117%
15	9.892	1321	1327	1331	rBV	1490416	1305911	37.13%	3.840%
16	9.927	1331	1333	1339	rVV2	60611	63999	1.82%	0.188%
17	10.051	1350	1354	1357	rBV3	37973	45454	1.29%	0.134%
18	10.098	1358	1362	1364	rBV	58773	53441	1.52%	0.157%
19	10.133	1366	1368	1370	rBV	54121	46463	1.32%	0.137%
20	10.210	1378	1381	1384	rBV	80568	85824	2.44%	0.252%
21	10.304	1394	1397	1403	rBV6	69853	94242	2.68%	0.277%
22	10.439	1417	1420	1422	rBV3	45747	48306	1.37%	0.142%
23	10.492	1426	1429	1430	rBV3	44235	44696	1.27%	0.131%
24	10.504	1430	1431	1433	rVB	61999	35879	1.02%	0.106%
25	10.551	1437	1439	1442	rVB	60024	50719	1.44%	0.149%
26	10.674	1457	1460	1464	rBV	363662	344386	9.79%	1.013%
27	10.774	1473	1477	1479	rBV5	29791	50376	1.43%	0.148%
28	10.816	1479	1484	1487	rVV2	117874	181169	5.15%	0.533%
29	10.880	1492	1495	1498	rVV4	35387	43777	1.24%	0.129%
30	11.016	1516	1518	1522	rBV3	42048	46517	1.32%	0.137%
31	11.280	1560	1563	1567	rVB2	114013	142636	4.06%	0.419%
32	11.380	1576	1580	1582	rBV	1425537	1294367	36.80%	3.807%
33	11.404	1582	1584	1587	rVV	811999	639158	18.17%	1.880%
34	11.451	1590	1592	1596	rVB	228686	177459	5.05%	0.522%
35	11.633	1620	1623	1625	rBV4	67216	66763	1.90%	0.196%
36	11.674	1628	1630	1633	rVV	170236	139321	3.96%	0.410%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.710	1633	1636	1643	rVB3	154888	146190	4.16%	0.430%
38	11.833	1655	1657	1660	rBV3	66093	72506	2.06%	0.213%
39	11.880	1662	1665	1667	rVV	343379	303046	8.62%	0.891%
40	11.910	1667	1670	1672	rVV	419148	370184	10.53%	1.089%
41	11.957	1675	1678	1680	rVV	126374	124919	3.55%	0.367%
42	11.992	1680	1684	1686	rVV2	658150	772027	21.95%	2.270%
43	12.016	1686	1688	1692	rVB	459985	365009	10.38%	1.073%
44	12.063	1694	1696	1698	rVV2	107994	90981	2.59%	0.268%
45	12.116	1702	1705	1707	rVB2	76548	72151	2.05%	0.212%
46	12.174	1713	1715	1717	rBV	231470	172521	4.91%	0.507%
47	12.198	1717	1719	1725	rVB5	147051	191855	5.45%	0.564%
48	12.304	1735	1737	1739	rBV2	79060	89572	2.55%	0.263%
49	12.327	1739	1741	1743	rVV	162279	147694	4.20%	0.434%
50	12.357	1743	1746	1748	rVV	196023	202245	5.75%	0.595%
51	12.380	1748	1750	1752	rVB2	152943	117983	3.35%	0.347%
52	12.433	1756	1759	1761	rVV	443581	429192	12.20%	1.262%
53	12.463	1761	1764	1767	rVV3	255960	355319	10.10%	1.045%
54	12.516	1770	1773	1778	rVB3	347410	408278	11.61%	1.201%
55	12.592	1783	1786	1791	rVB	1909259	1592692	45.28%	4.684%
56	12.639	1791	1794	1795	rBV	159703	136867	3.89%	0.403%
57	12.721	1805	1808	1809	rBV2	119160	111690	3.18%	0.328%
58	12.745	1809	1812	1815	rVB	115745	122646	3.49%	0.361%
59	12.827	1820	1826	1829	rBV	3316678	3517101	100.00%	10.343%
60	12.939	1842	1845	1846	rBV2	68344	69739	1.98%	0.205%
61	12.963	1846	1849	1856	rVB	1016545	978051	27.81%	2.876%
62	13.039	1858	1862	1865	rVV	446007	580554	16.51%	1.707%
63	13.092	1869	1871	1873	rVV2	104599	101090	2.87%	0.297%
64	13.121	1873	1876	1883	rVB4	353869	731402	20.80%	2.151%
65	13.251	1895	1898	1901	rBV	627961	503993	14.33%	1.482%
66	13.345	1911	1914	1916	rBV	460504	352995	10.04%	1.038%
67	13.374	1916	1919	1922	rVB	544245	416890	11.85%	1.226%
68	13.445	1928	1931	1937	rVB2	219208	258332	7.35%	0.760%
69	13.598	1955	1957	1960	rVB3	95060	76444	2.17%	0.225%
70	13.651	1963	1966	1969	rBV	348554	309130	8.79%	0.909%
71	13.757	1981	1984	1988	rBV2	257609	386368	10.99%	1.136%
72	13.792	1988	1990	1993	rVV	391456	370287	10.53%	1.089%
73	13.815	1993	1994	1998	rVV	209318	171240	4.87%	0.504%
74	13.857	1999	2001	2010	rVB2	194034	340092	9.67%	1.000%
75	14.010	2023	2027	2031	rBV2	1683992	2444727	69.51%	7.190%
76	14.045	2031	2033	2038	rVB	1124151	1001633	28.48%	2.946%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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-BF102521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.104	2041	2043	2045	rBV	62701	60051	1.71%	0.177%
78	14.274	2070	2072	2074	rVB2	85697	63400	1.80%	0.186%
79	14.368	2085	2088	2090	rBV	123147	124016	3.53%	0.365%
80	14.404	2091	2094	2097	rVV	415444	391658	11.14%	1.152%
81	14.433	2097	2099	2103	rVB	237198	229245	6.52%	0.674%
82	14.527	2112	2115	2117	rBV	143311	138763	3.95%	0.408%
83	14.551	2117	2119	2122	rVB	121034	97006	2.76%	0.285%
84	14.880	2172	2175	2177	rVB2	144277	126632	3.60%	0.372%
85	15.057	2200	2205	2208	rBV3	418803	749503	21.31%	2.204%
86	15.357	2252	2256	2262	rVB	299255	366725	10.43%	1.078%
87	15.421	2262	2267	2272	rVB	383910	483943	13.76%	1.423%
88	15.480	2273	2277	2281	rBV	611647	738398	20.99%	2.172%
89	16.939	2521	2525	2533	rVB2	131966	244985	6.97%	0.720%

Sum of corrected areas: 34003775

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
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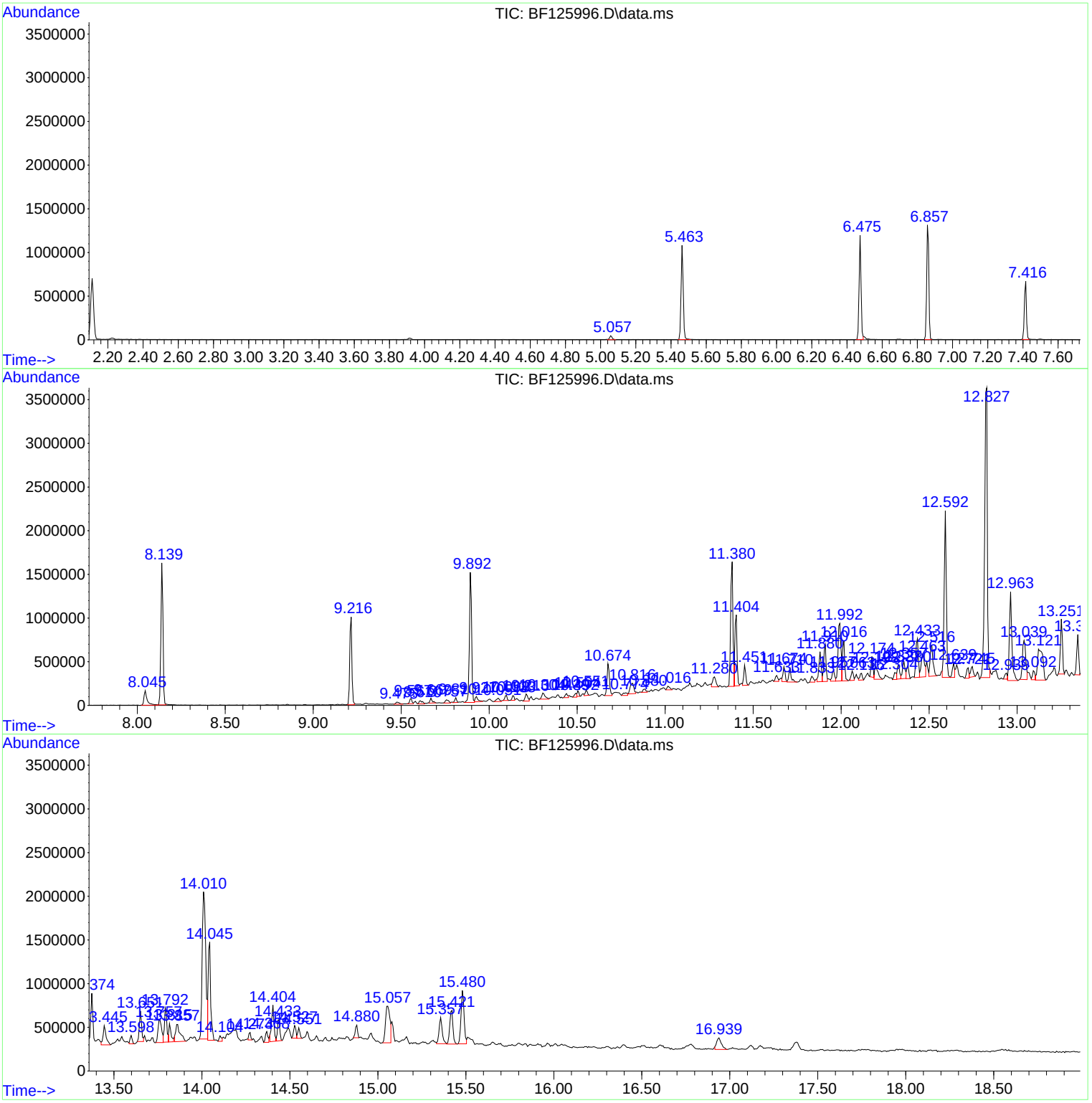
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

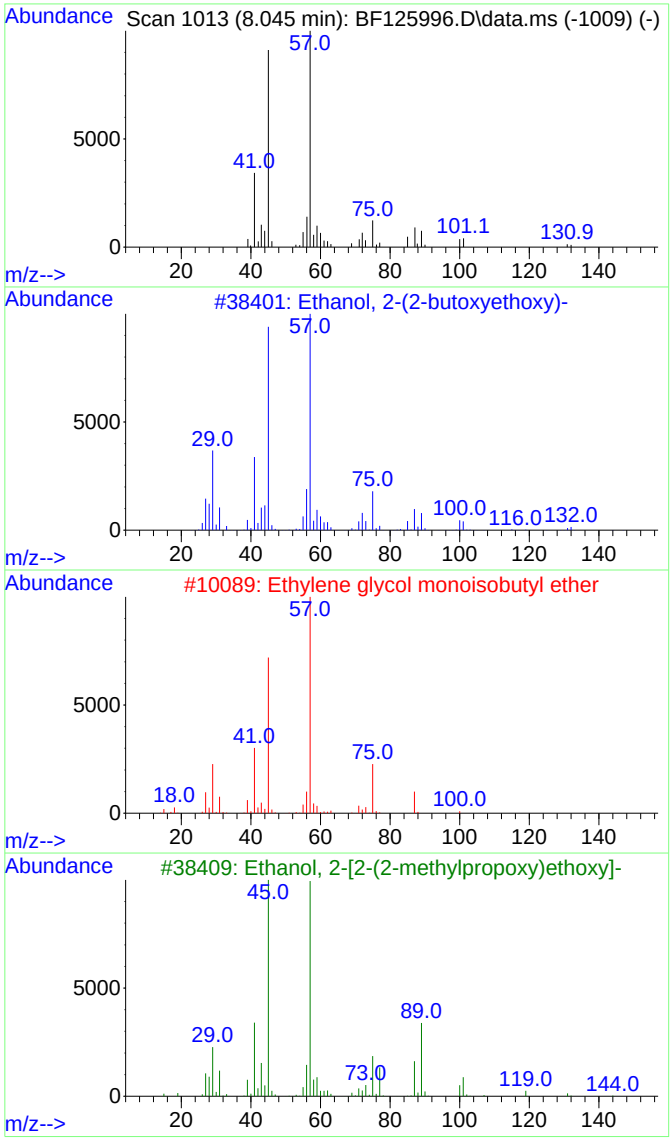
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

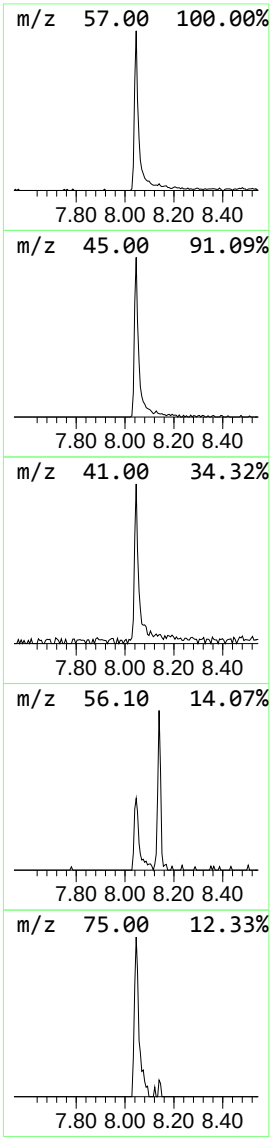
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	3.19 ng	212119	Naphthalene-d8	8.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

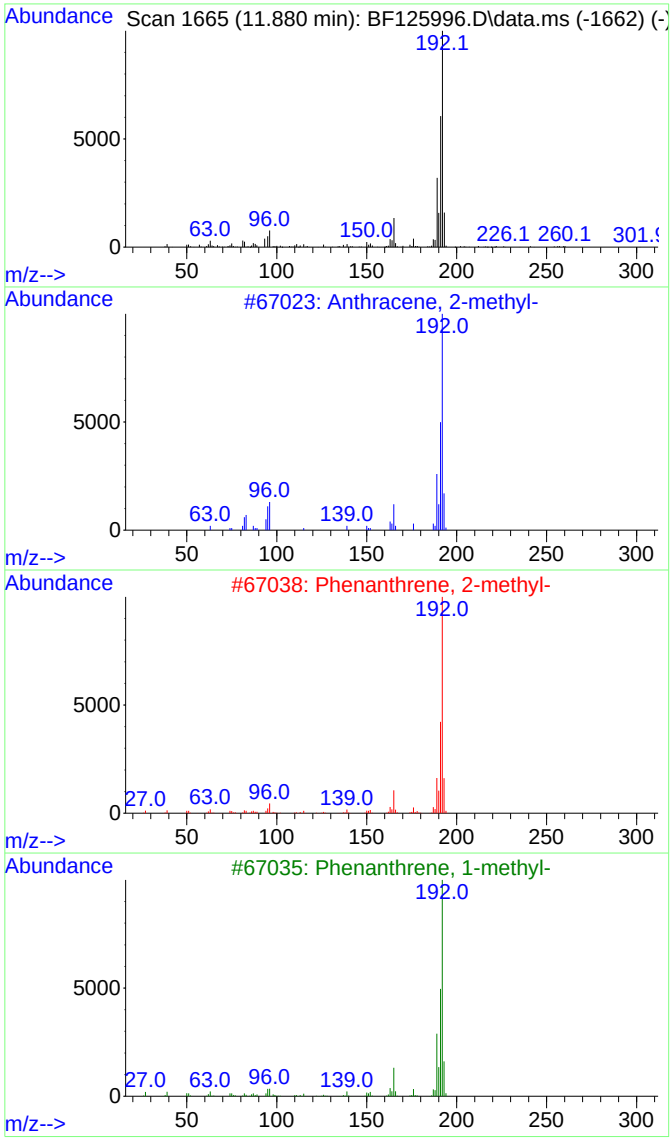
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

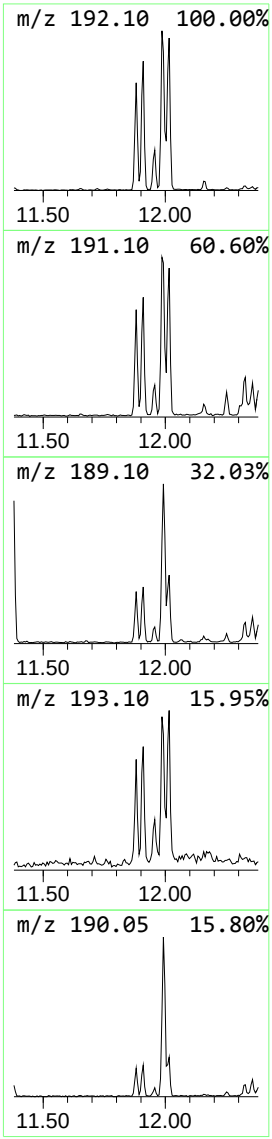
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	4.68 ng	303046	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

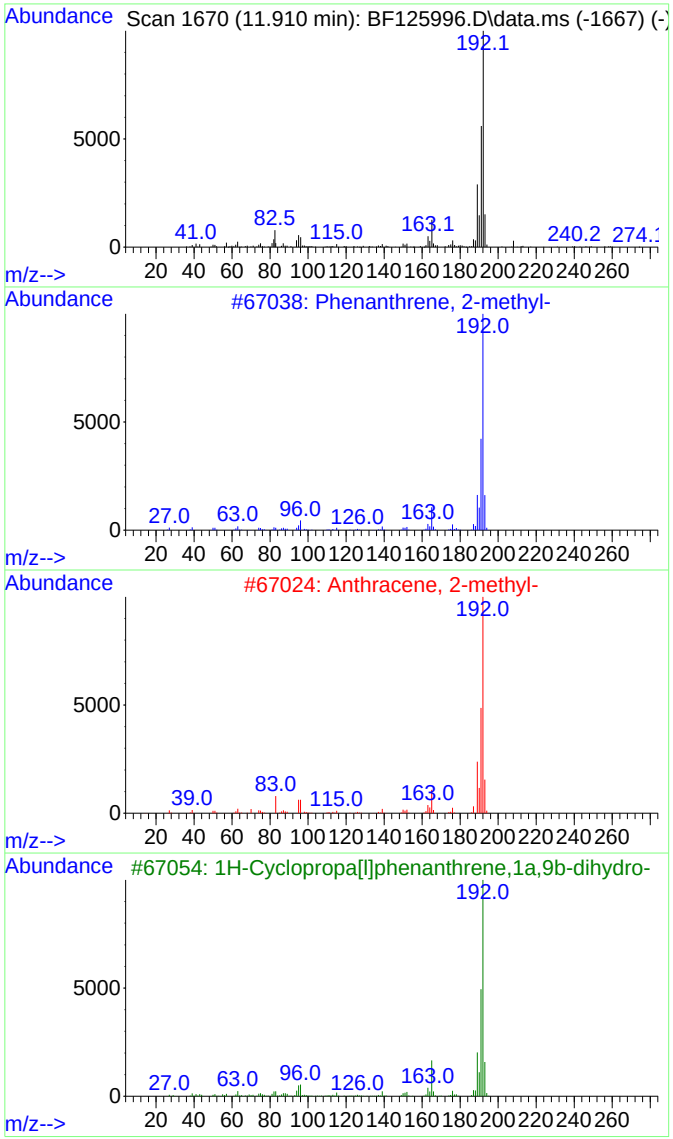
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

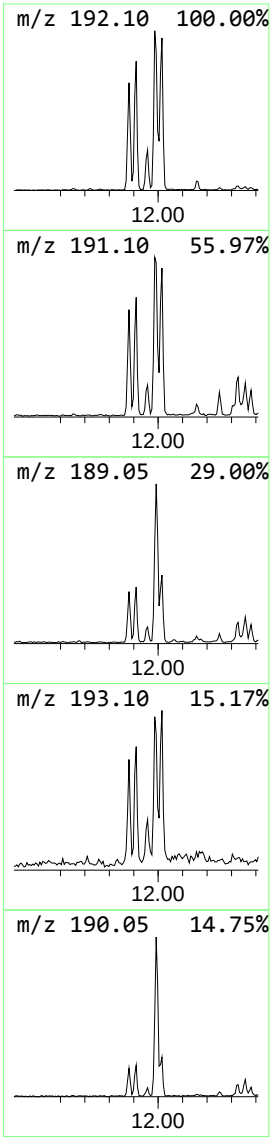
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	5.72 ng	370184	Phenanthrene-d10	11.380

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

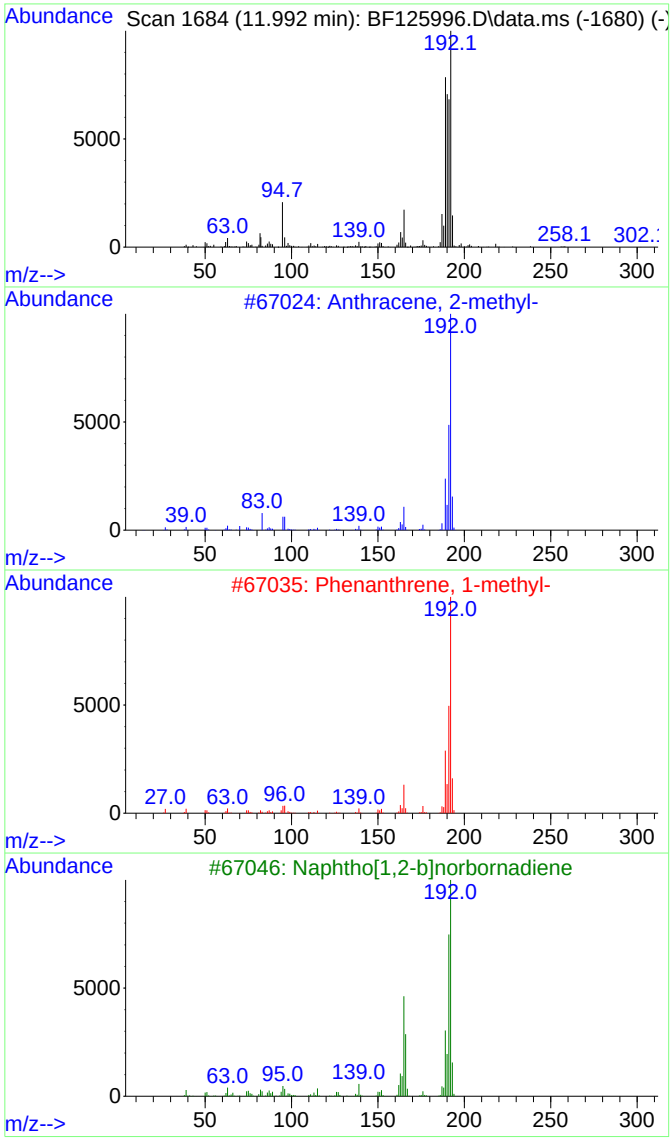
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

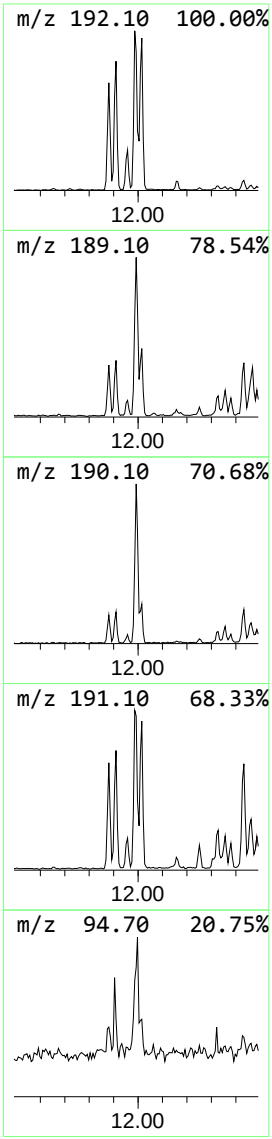
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	11.93 ng	772027	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45





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Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

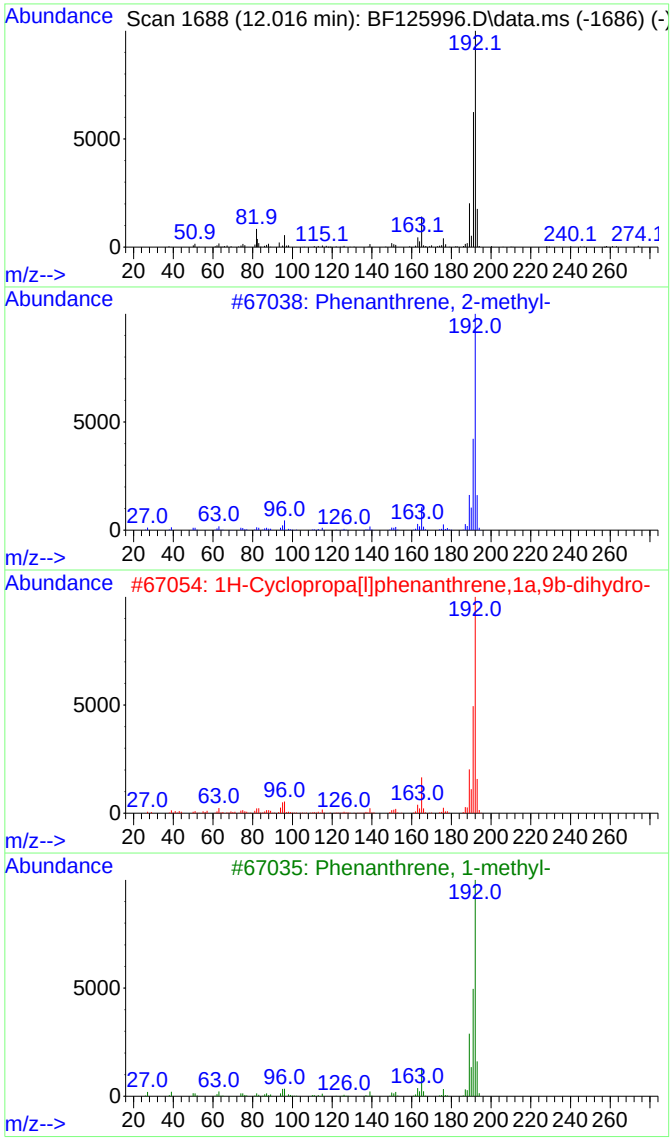
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

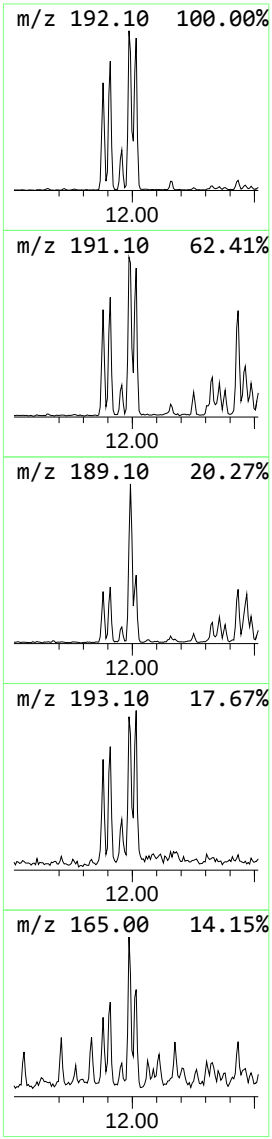
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	5.64 ng	365009	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

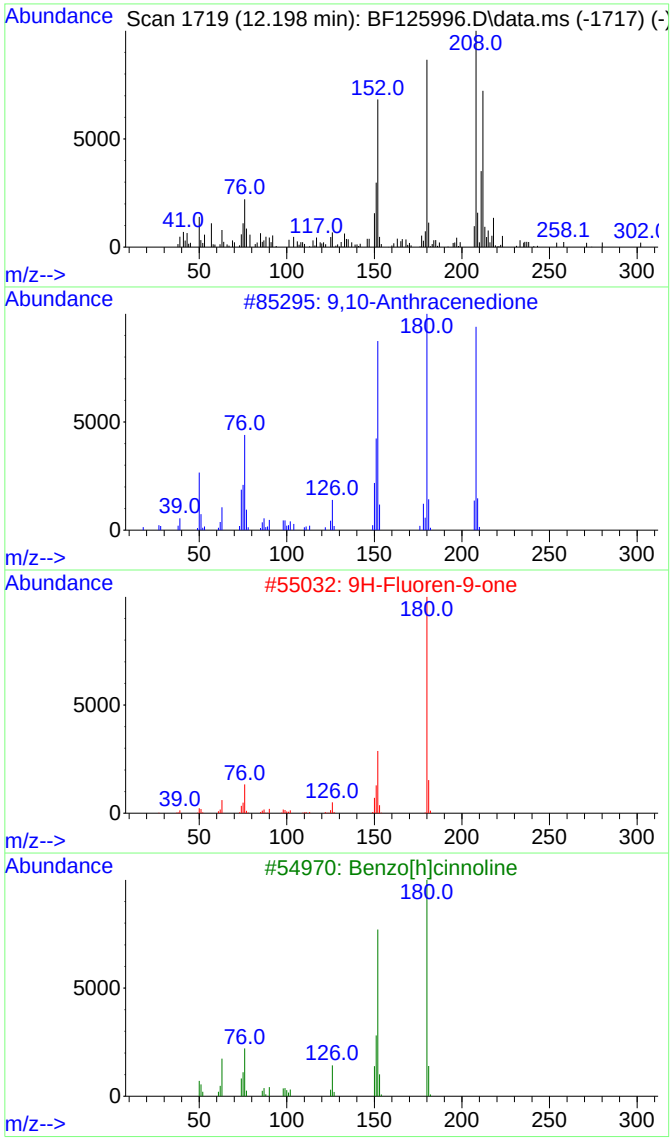
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

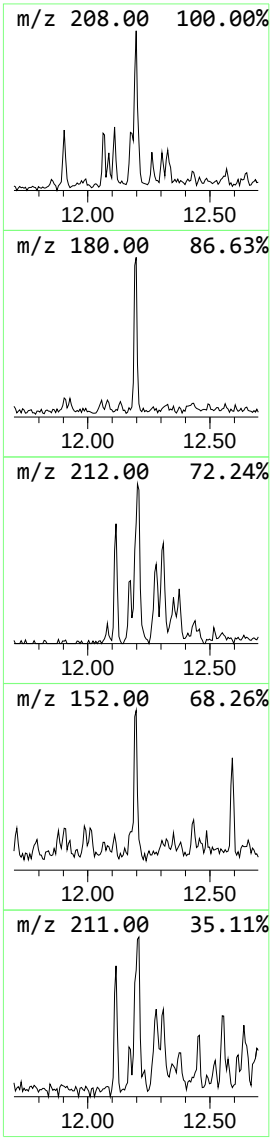
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.96 ng	191855	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	45
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	45
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	43
5	1-Phenylbicyclo(3.2.2)nona-3,6,8...	208	C15H12O	1010427-19-9	43





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Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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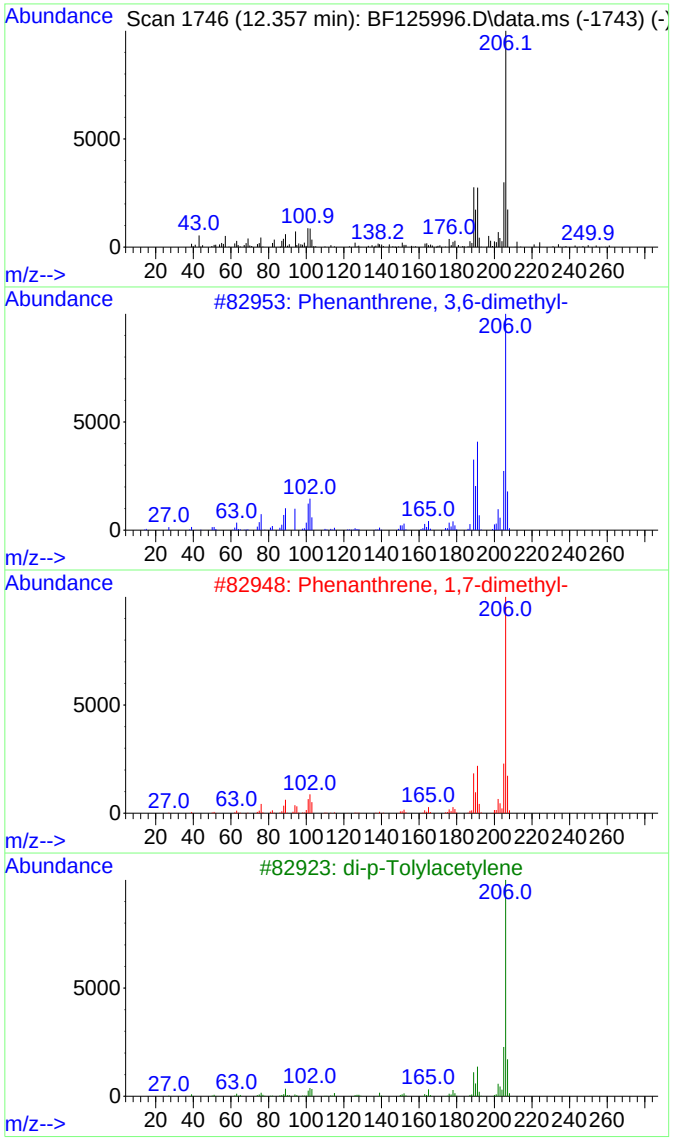
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

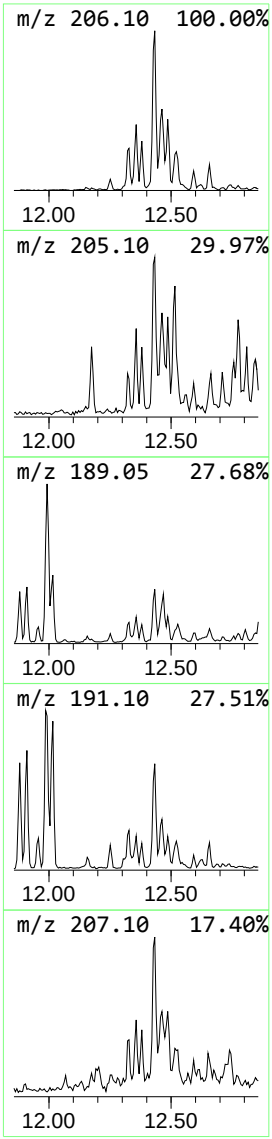
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	3.13 ng	202245	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	83





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Sample : M4336-05 5X
Misc :
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Instrument : BNA_F
ClientSampleId : C4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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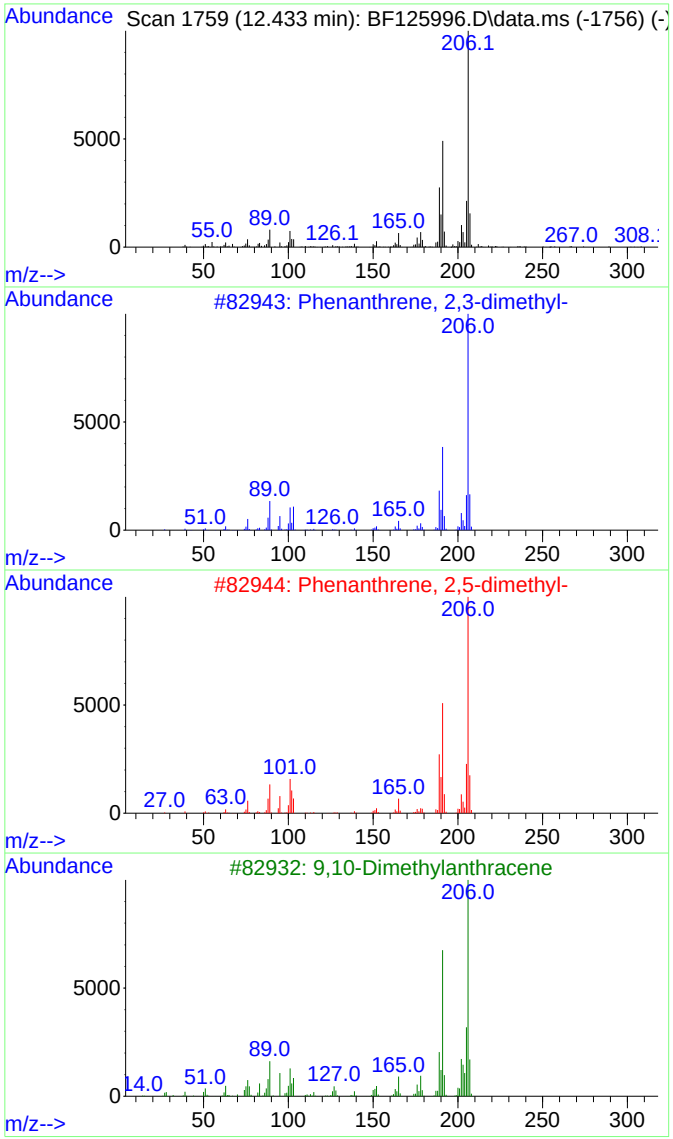
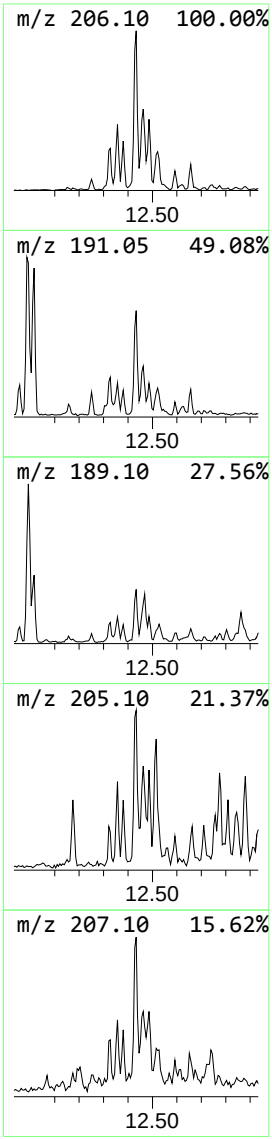
Peak Number 8 Phenanthrene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	6.63 ng	429192	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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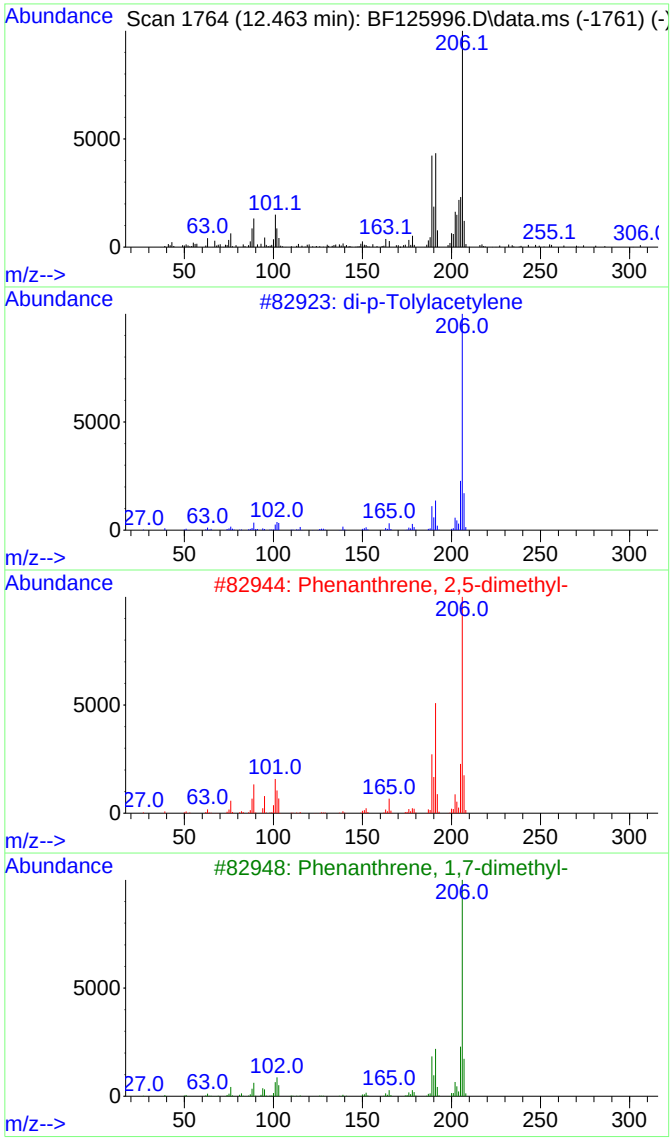
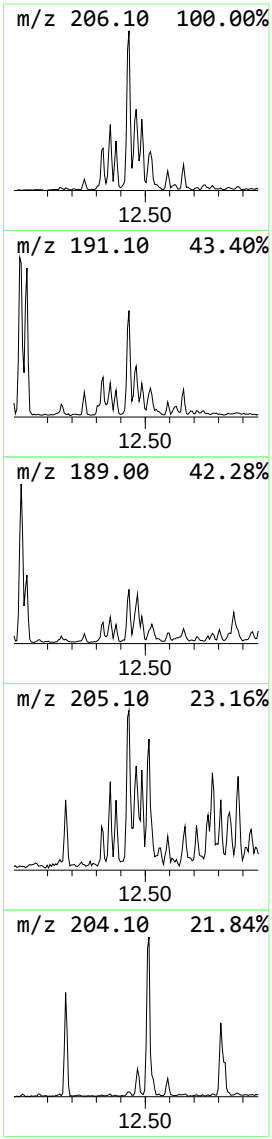
Peak Number 9 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	5.49 ng	355319	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74





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Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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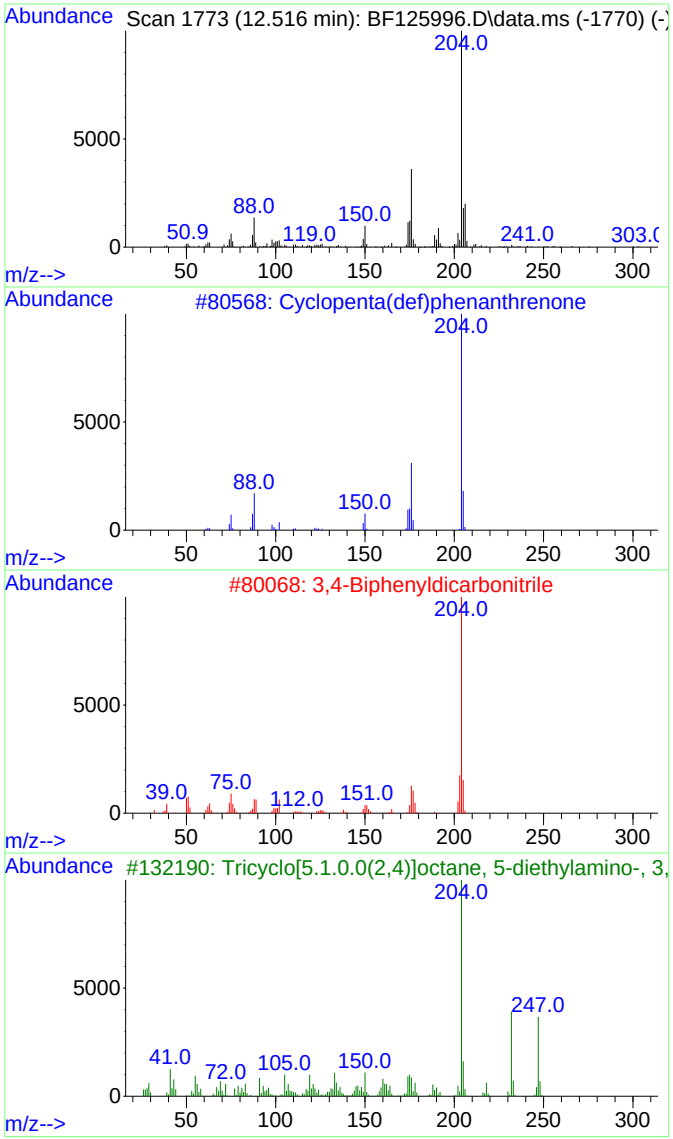
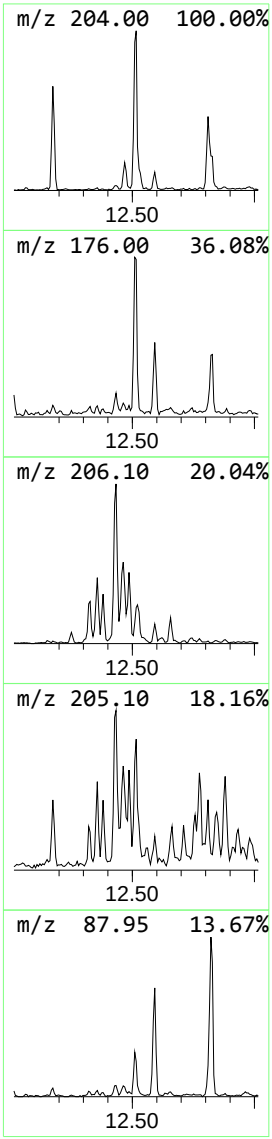
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	6.31 ng	408278	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Sample : M4336-05 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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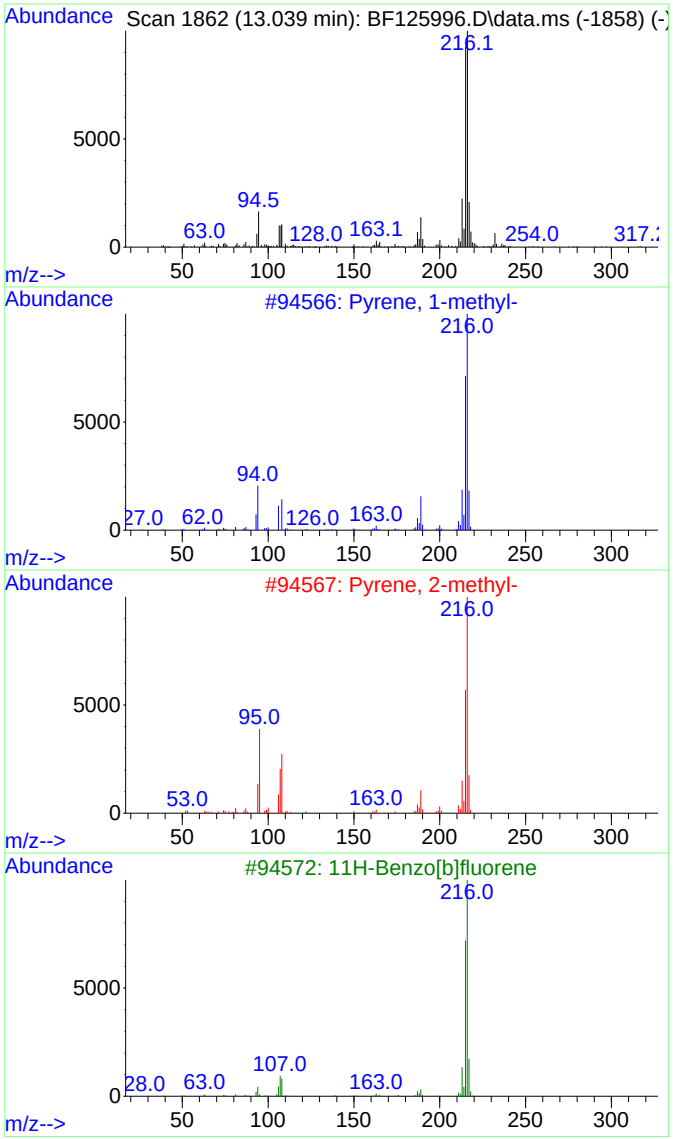
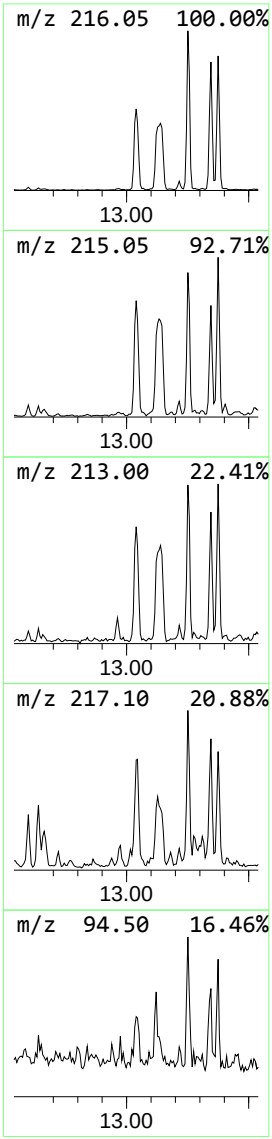
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	4.75 ng	580554	Chrysene-d12	14.015

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	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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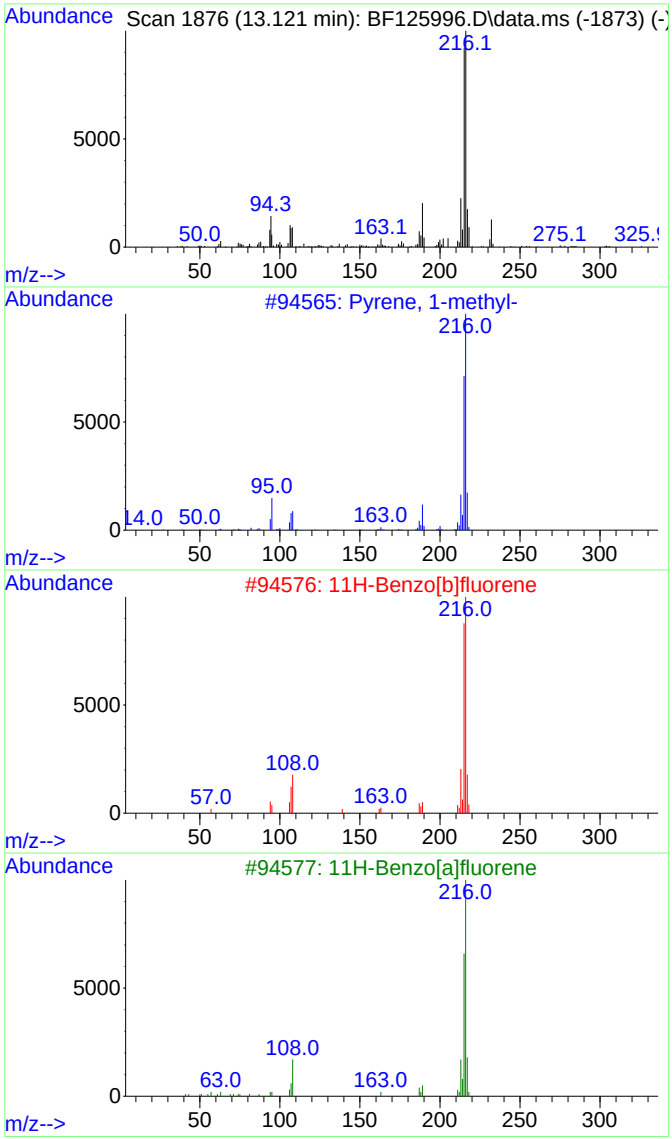
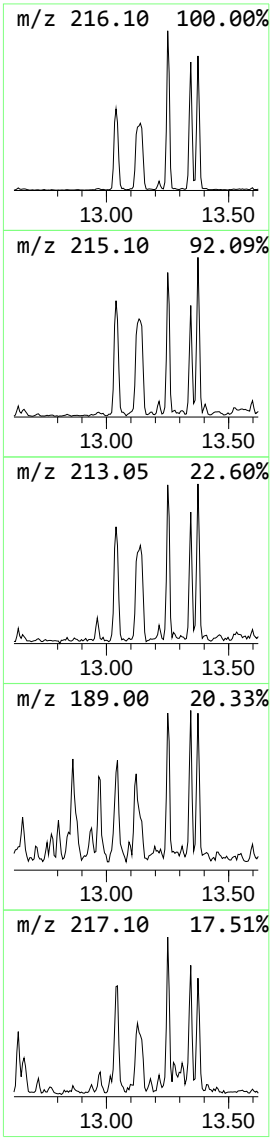
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	5.98 ng	731402	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62





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Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
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

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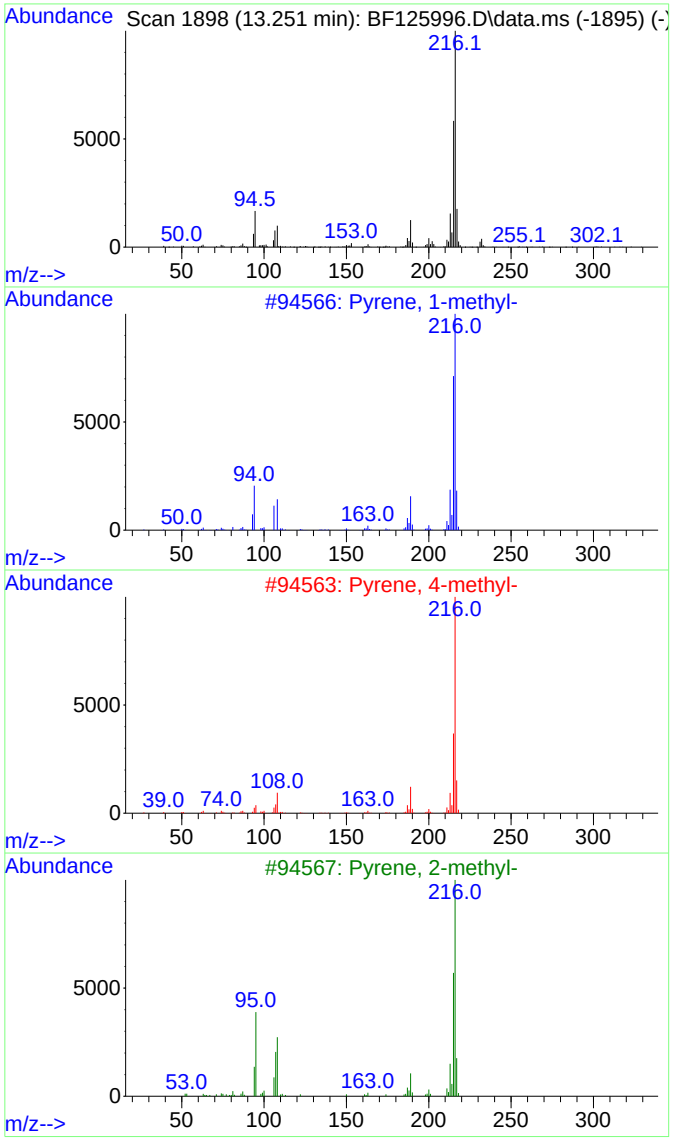
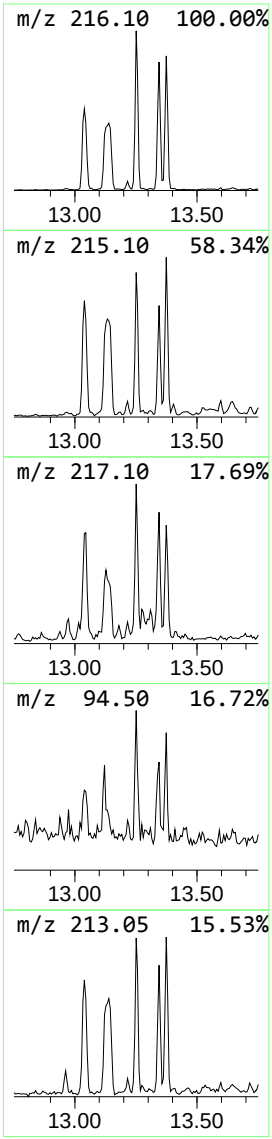
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	4.12 ng	503993	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
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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Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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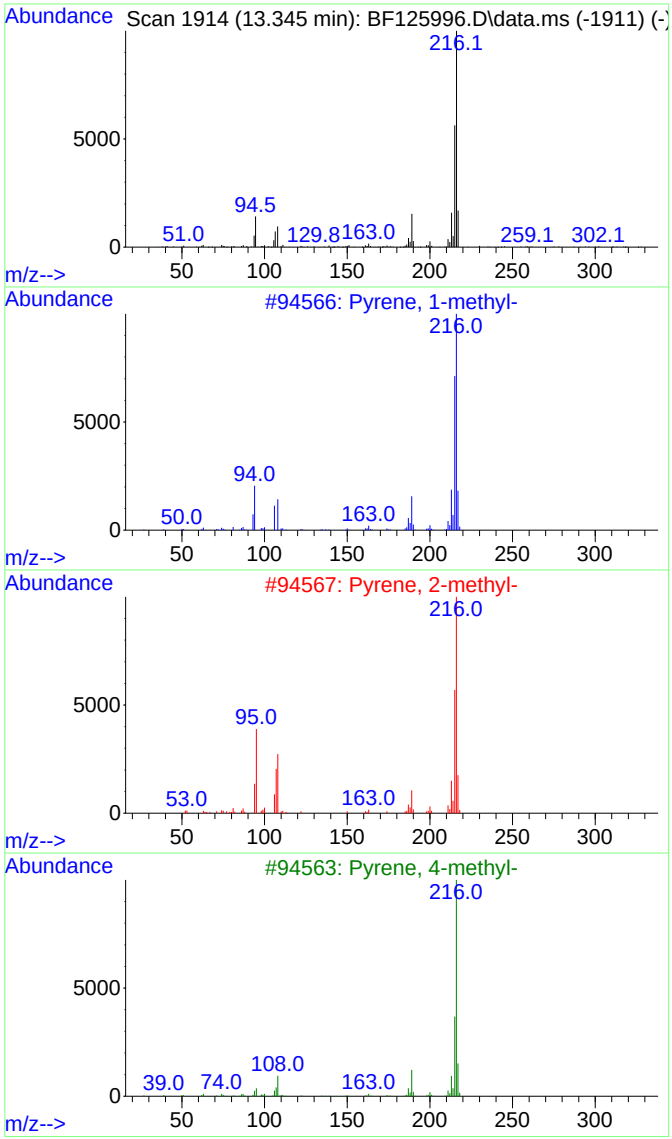
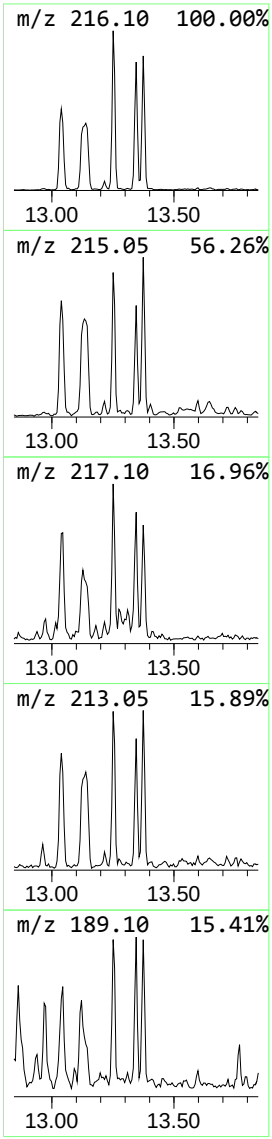
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	2.89 ng	352995	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Sample : M4336-05 5X
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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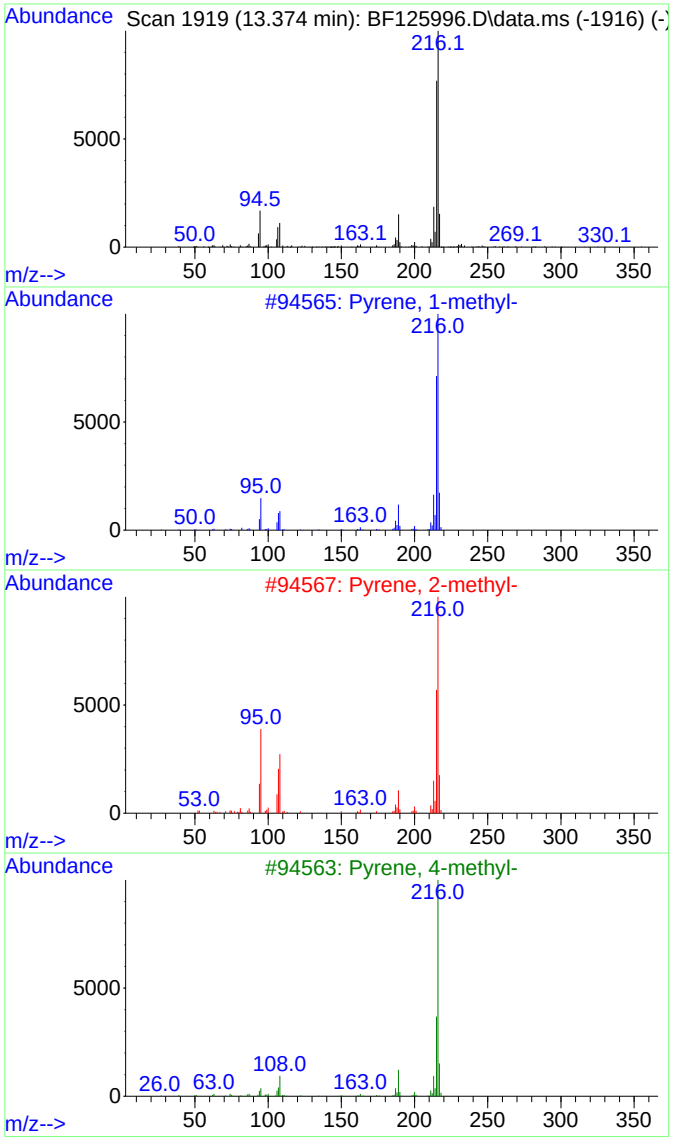
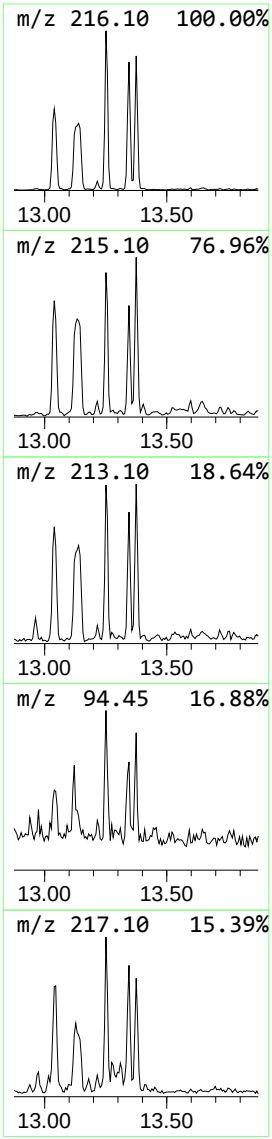
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	3.41 ng	416890	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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

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

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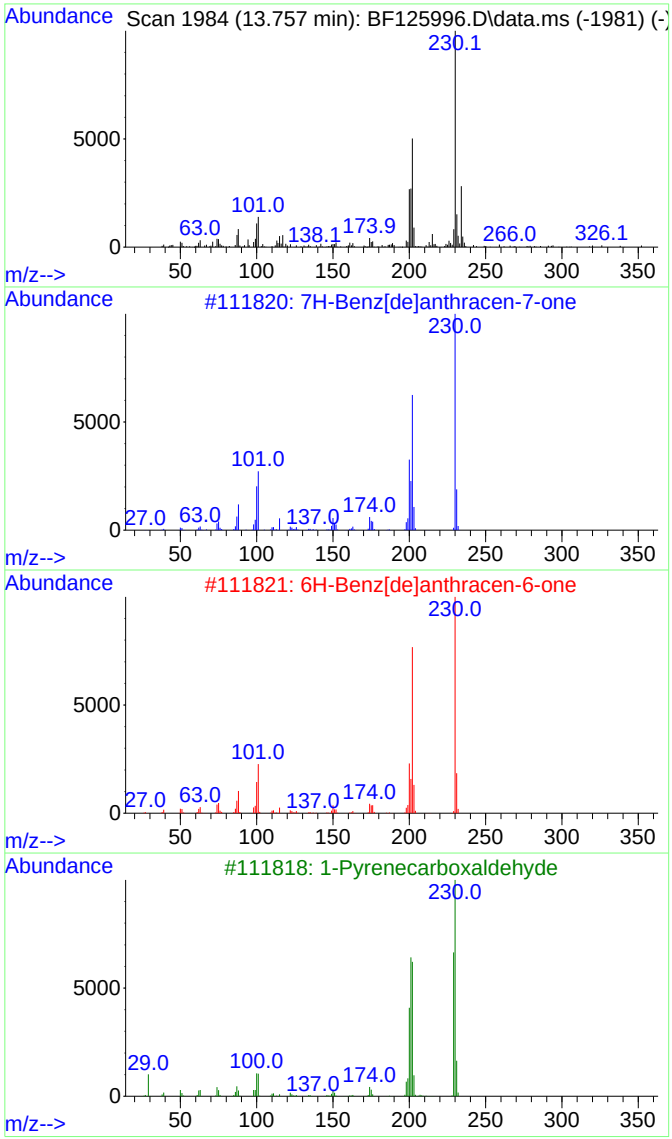
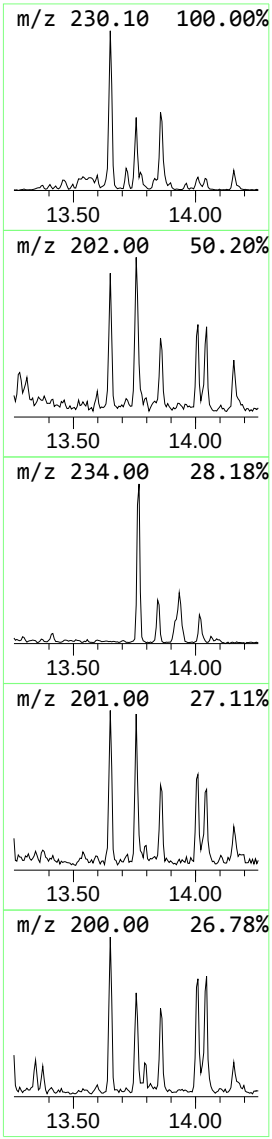
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	3.16 ng	386368	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	70
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	58





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Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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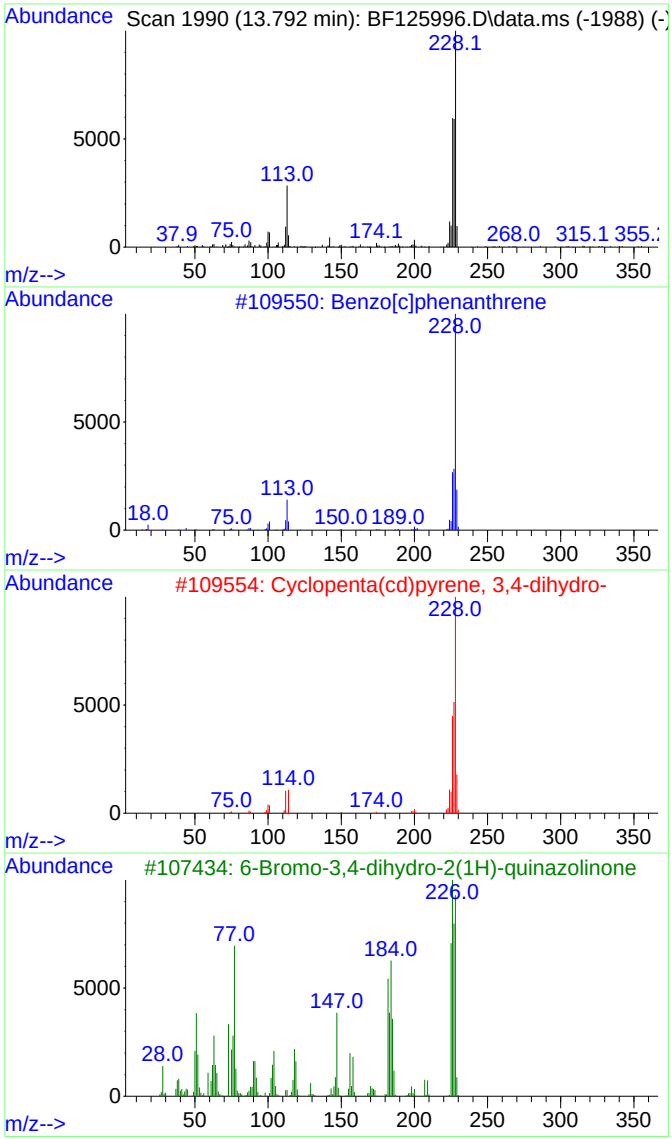
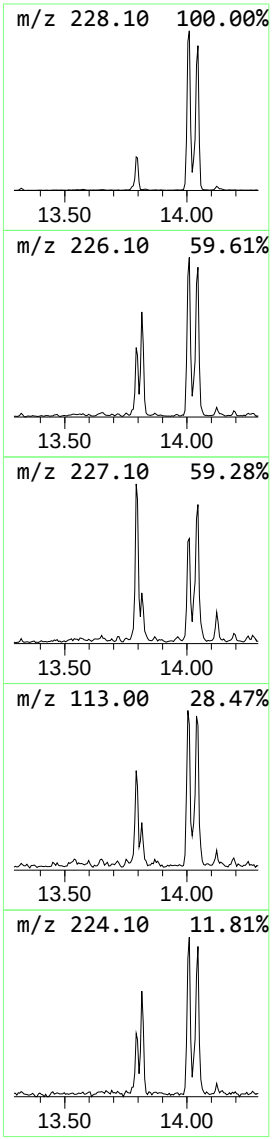
Peak Number 17 unknown13.792 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	3.03 ng	370287	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	47
3	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	43
4	Triphenylene	228	C18H12	000217-59-4	43
5	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	43





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Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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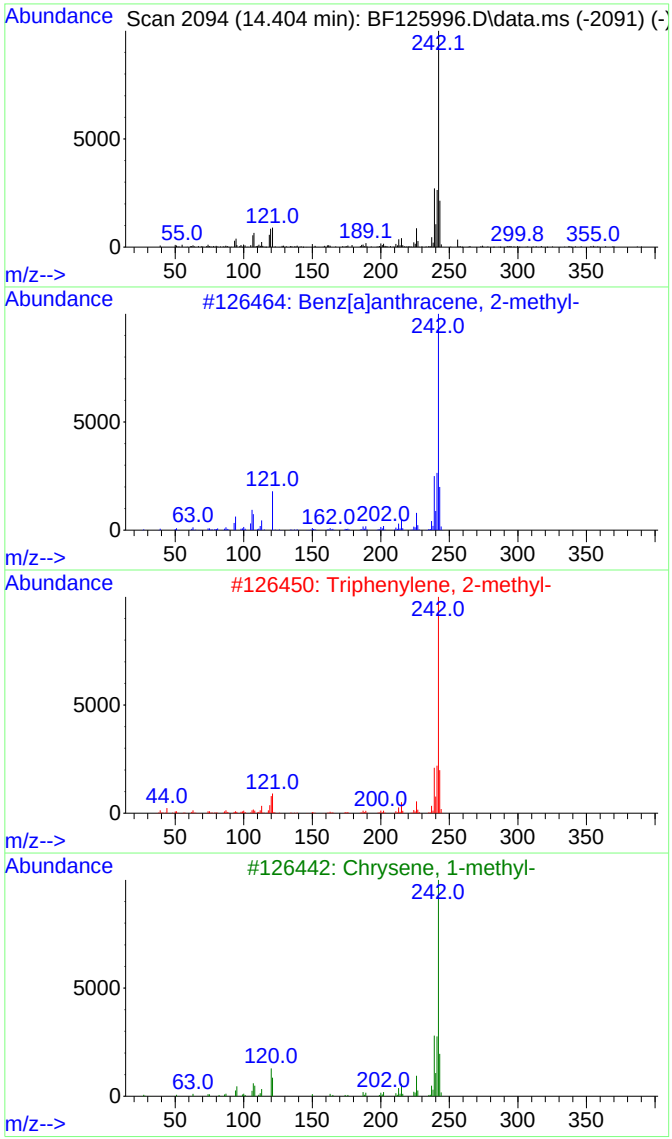
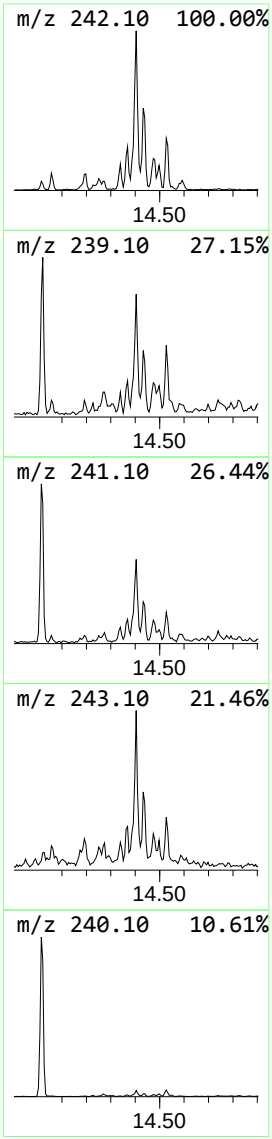
Peak Number 18 Benz[a]anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	3.20 ng	391658	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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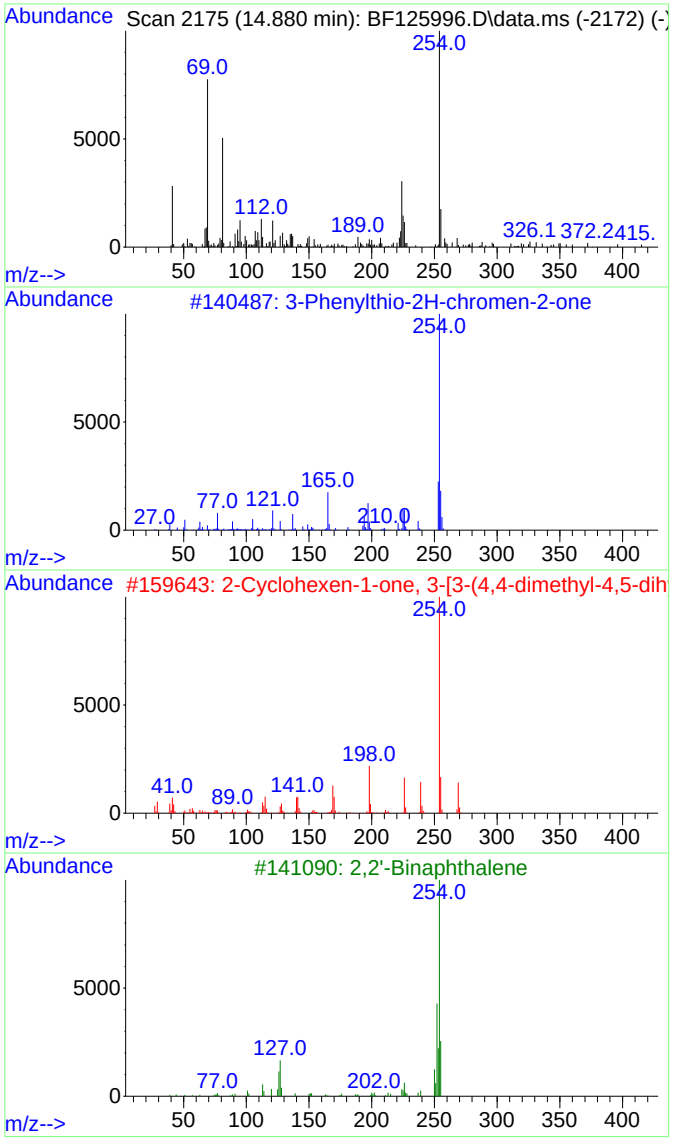
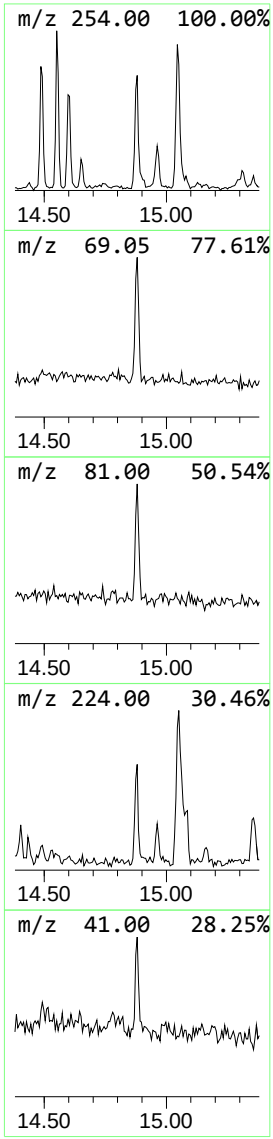
Peak Number 19 unknown14.880 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	3.43 ng	126632	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	38
2	2-Cyclohexen-1-one, 3-[3-(4,4-di...	269	C17H19NO2	1010197-92-1	35
3	2,2'-Binaphthalene	254	C20H14	000612-78-2	35
4	N-[p-[2-Pyridylsulfamoyl]pheneth...	319	C15H17N3O3S	1000255-47-5	30
5	Benzene, 1,1'-(1-propene-1,3-diy...	254	C17H18O2	1000362-20-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.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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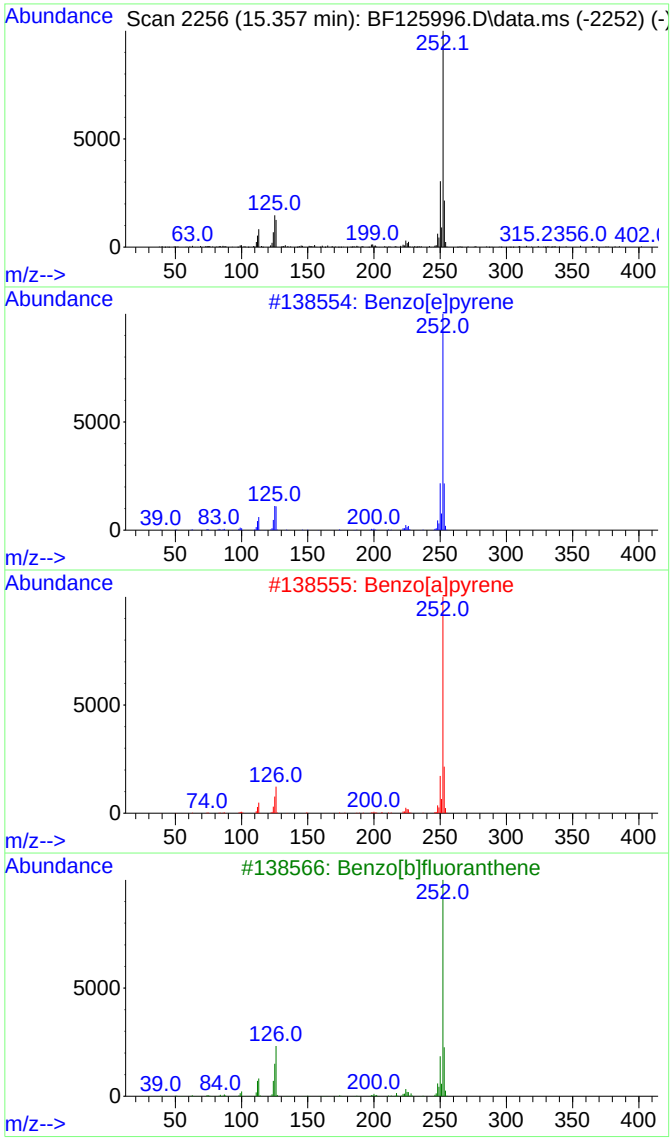
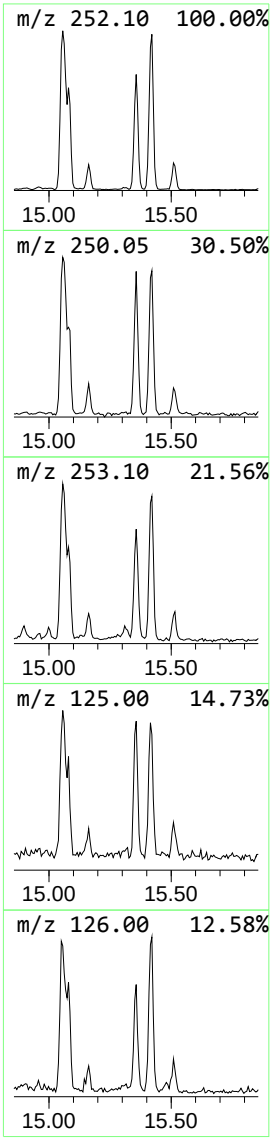
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	9.93 ng	366725	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125996.D
Acq On : 28 Oct 2021 19:01
Operator : JU/CG
Sample : M4336-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
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
Ethanol, 2-(2-b...	8.045	3.2	ng	212119	2	8.139	1327980	20.0
Anthracene, 2-m...	11.880	4.7	ng	303046	4	11.380	1294370	20.0
Phenanthrene, 2...	11.910	5.7	ng	370184	4	11.380	1294370	20.0
Phenanthrene, 1...	11.992	11.9	ng	772027	4	11.380	1294370	20.0
1H-Cyclopropa[l...	12.016	5.6	ng	365009	4	11.380	1294370	20.0
9,10-Anthracene...	12.198	3.0	ng	191855	4	11.380	1294370	20.0
Phenanthrene, 3...	12.357	3.1	ng	202245	4	11.380	1294370	20.0
Phenanthrene, 2...	12.433	6.6	ng	429192	4	11.380	1294370	20.0
di-p-Tolylacety...	12.463	5.5	ng	355319	4	11.380	1294370	20.0
Cyclopenta(def)...	12.515	6.3	ng	408278	4	11.380	1294370	20.0
Pyrene, 1-methyl-	13.039	4.8	ng	580554	5	14.015	2444730	20.0
11H-Benzo[a]flu...	13.121	6.0	ng	731402	5	14.015	2444730	20.0
Pyrene, 4-methyl-	13.251	4.1	ng	503993	5	14.015	2444730	20.0
Pyrene, 2-methyl-	13.345	2.9	ng	352995	5	14.015	2444730	20.0
11H-Benzo[b]flu...	13.374	3.4	ng	416890	5	14.015	2444730	20.0
7H-Benz[de]anth...	13.757	3.2	ng	386368	5	14.015	2444730	20.0
unknown13.792	13.792	3.0	ng	370287	5	14.015	2444730	20.0
Benz[a]anthrace...	14.404	3.2	ng	391658	5	14.015	2444730	20.0
unknown14.880	14.880	3.4	ng	126632	6	15.480	738398	20.0
Benzo[e]pyrene	15.357	9.9	ng	366725	6	15.480	738398	20.0