LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	14	21	27	rVB	912693	1172369	32.30%	2.584%
2	5.145	509	520	527	rBV	36175	51279	1.41%	0.113%
3	5.534	581	586	589	rBV	3377340	3315230	91.34%	7.307%
4	6.534	751	756	759	rBV	3046432	3260296	89.82%	7.186%
5	6.916	817	821	824	rBV	1031942	886760	24.43%	1.955%
6	7.475	911	916	919	rBV	2406569	2122862	58.49%	4.679%
7	8.092	1018	1021	1035	rBV	404126	461771	12.72%	1.018%
8	8.198	1035	1039	1042	rBV	1317584	1126347	31.03%	2.483%
9	9.269	1217	1221	1224	rBV	4226042	3629726	100.00%	8.001%
10	9.604	1275	1278	1281	rBV	48537	47540	1.31%	0.105%
11	9.810	1310	1313	1316	rBV	100111	85709	2.36%	0.189%
12	9.951	1333	1337	1340	rVB	1462458	1180650	32.53%	2.602%
13	10.186	1374	1377	1383	rVB2	37557	46900	1.29%	0.103%
14	10.357	1401	1406	1407	rBV2	40275	46244	1.27%	0.102%
15	10.492	1426	1429	1436	rVB3	53209	62352	1.72%	0.137%
16	10.739	1467	1471	1474	rBV	2461874	2119508	58.39%	4.672%
17	10.863	1487	1492	1495	rBV3	76771	83719	2.31%	0.185%
18	11.045	1518	1523	1525	rBV3	43409	47627	1.31%	0.105%
19	11.175	1540	1545	1547	rBV4	36293	52474	1.45%	0.116%
20	11.239	1553	1556	1559	rBV2	46779	49022	1.35%	0.108%
21	11.286	1559	1564	1567	rVV4	34364	68913	1.90%	0.152%
22	11.333	1569	1572	1576	rVB2	52859	58739	1.62%	0.129%
23	11.439	1586	1590	1592	rBV	1213057	1110230	30.59%	2.447%
24	11.463	1592	1594	1597	rVV	537644	427290	11.77%	0.942%
25	11.510	1600	1602	1605	rVB	145916	109240	3.01%	0.241%
26	11.539	1605	1607	1611	rBV3	33539	44121	1.22%	0.097%
27	11.733	1637	1640	1642	rVB2	65221	51672	1.42%	0.114%
28	11.769	1643	1646	1649	rVB	76696	64034	1.76%	0.141%
29	11.822	1652	1655	1658	rBV2	66816	54636	1.51%	0.120%
30	11.939	1671	1675	1676	rBV	304336	264767	7.29%	0.584%
31	11.963	1676	1679	1683	rVV2	402856	505445	13.93%	1.114%
32	12.016	1684	1688	1690	rVV	106459	95693	2.64%	0.211%
33	12.051	1690	1694	1696	rVV2	330116	392593	10.82%	0.865%
34	12.074	1696	1698	1701	rVB	274061	206020	5.68%	0.454%
35	12.122	1701	1706	1709	rBV3	51961	79173	2.18%	0.175%
36	12.210	1717	1721	1722	rBV4	38326	47066	1.30%	0.104%

LSC Area Percent Report

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Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.233	1722	1725	1727	rVV	189590	163819	4.51%	0.361%
38	12.257	1727	1729	1732	rVB2	88303	89307	2.46%	0.197%
39	12.380	1748	1750	1753	rVB	99236	70427	1.94%	0.155%
40	12.416	1753	1756	1758	rBV	95691	80461	2.22%	0.177%
41	12.433	1758	1759	1762	rVB	75486	59858	1.65%	0.132%
42	12.492	1765	1769	1771	rBV	313613	330591	9.11%	0.729%
43	12.527	1771	1775	1777	rVV2	162099	227660	6.27%	0.502%
44	12.574	1780	1783	1787	rBV2	194407	241881	6.66%	0.533%
45	12.651	1793	1796	1800	rBV	1050773	850003	23.42%	1.874%
46	12.692	1800	1803	1805	rVV	98830	95899	2.64%	0.211%
47	12.716	1805	1807	1809	rVV2	97055	87643	2.41%	0.193%
48	12.739	1809	1811	1814	rVV4	103745	103223	2.84%	0.228%
49	12.774	1814	1817	1820	rVV2	80513	83795	2.31%	0.185%
50	12.804	1820	1822	1824	rVV2	64350	59406	1.64%	0.131%
51	12.833	1824	1827	1829	rVB2	65048	61232	1.69%	0.135%
52	12.880	1829	1835	1841	rBV	1431980	1488598	41.01%	3.281%
53	12.933	1841	1844	1848	rVB2	139223	180821	4.98%	0.399%
54	13.021	1855	1859	1865	rVB	3419069	3174399	87.46%	6.997%
55	13.098	1868	1872	1879	rVB2	271484	437710	12.06%	0.965%
56	13.151	1879	1881	1884	rBV2	90070	95728	2.64%	0.211%
57	13.251	1893	1898	1900	rBV3	54674	87670	2.42%	0.193%
58	13.274	1900	1902	1904	rVV	138351	120811	3.33%	0.266%
59	13.310	1904	1908	1911	rVV2	391638	401715	11.07%	0.885%
60	13.339	1911	1913	1916	rVB3	68613	71353	1.97%	0.157%
61	13.404	1921	1924	1927	rVV	354601	305170	8.41%	0.673%
62	13.433	1927	1929	1932	rVB	302351	266906	7.35%	0.588%
63	13.516	1940	1943	1947	rVB4	63776	83932	2.31%	0.185%
64	13.557	1947	1950	1952	rBV4	49171	66169	1.82%	0.146%
65	13.657	1965	1967	1970	rVB2	72883	56362	1.55%	0.124%
66	13.710	1970	1976	1982	rBV	278730	381496	10.51%	0.841%
67	13.780	1985	1988	1990	rVB	67726	58967	1.62%	0.130%
68	13.821	1991	1995	1999	rBV3	170804	313875	8.65%	0.692%
69	13.857	1999	2001	2003	rBV	186552	130682	3.60%	0.288%
70	13.880	2003	2005	2008	rBV2	97675	71235	1.96%	0.157%
71	13.921	2009	2012	2015	rBV2	150193	150373	4.14%	0.331%
72	14.074	2033	2038	2041	rBV2	1323178	1978790	54.52%	4.362%
73	14.104	2041	2043	2049	rVB	1017235	958053	26.39%	2.112%
74	14.163	2051	2053	2055	rBV	70270	49493	1.36%	0.109%
75	14.186	2055	2057	2058	rBV	57781	46747	1.29%	0.103%
76	14.333	2080	2082	2084	rVB	117980	82387	2.27%	0.182%

LSC Area Percent Report

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Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.427	2096	2098	2100	rBV	134302	128764	3.55%	0.284%
78	14.463	2100	2104	2108	rVV	448246	571469	15.74%	1.260%
79	14.498	2108	2110	2113	rVV	337091	284882	7.85%	0.628%
80	14.551	2114	2119	2123	rVV4	151666	319491	8.80%	0.704%
81	14.592	2123	2126	2128	rVV	277223	249859	6.88%	0.551%
82	14.615	2128	2130	2133	rVB	139367	112549	3.10%	0.248%
83	14.715	2145	2147	2152	rVB2	56995	61321	1.69%	0.135%
84	14.768	2154	2156	2160	rVV4	56178	73861	2.03%	0.163%
85	14.804	2160	2162	2169	rVB4	77751	121852	3.36%	0.269%
86	14.863	2169	2172	2174	rBV	93114	86612	2.39%	0.191%
87	14.898	2175	2178	2182	rVB2	120536	131179	3.61%	0.289%
88	14.939	2182	2185	2189	rBV3	135370	225401	6.21%	0.497%
89	14.974	2189	2191	2194	rVB2	62198	50469	1.39%	0.111%
90	15.039	2199	2202	2206	rVB3	94934	114037	3.14%	0.251%
91	15.133	2213	2218	2226	rBV2	687304	1481990	40.83%	3.267%
92	15.245	2234	2237	2240	rVB	148352	146485	4.04%	0.323%
93	15.451	2267	2272	2277	rVB	532797	652758	17.98%	1.439%
94	15.515	2278	2283	2289	rVB	736022	940621	25.91%	2.073%
95	15.580	2289	2294	2297	rBV	812864	1089402	30.01%	2.401%
96	15.610	2297	2299	2305	rVB3	196597	287871	7.93%	0.635%
97	17.080	2544	2549	2559	rVB2	240902	507151	13.97%	1.118%
98	17.274	2578	2582	2586	rVB	67068	110859	3.05%	0.244%
99	17.327	2587	2591	2595	rBV2	72479	117702	3.24%	0.259%
100	17.539	2622	2627	2637	rVB2	190478	408365	11.25%	0.900%

Sum of corrected areas: 45367614

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
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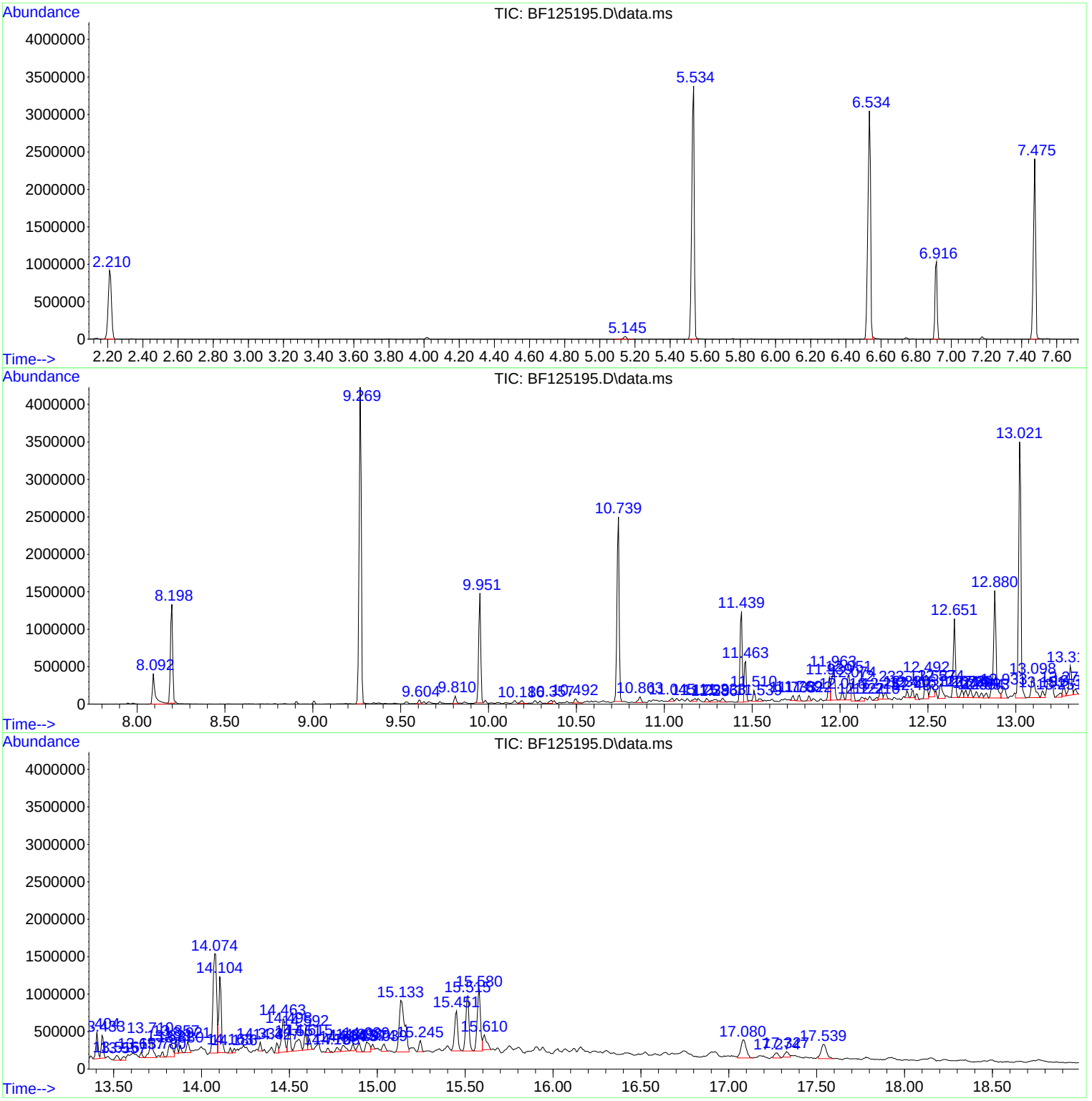
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
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Misc :
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Instrument : BNA_F
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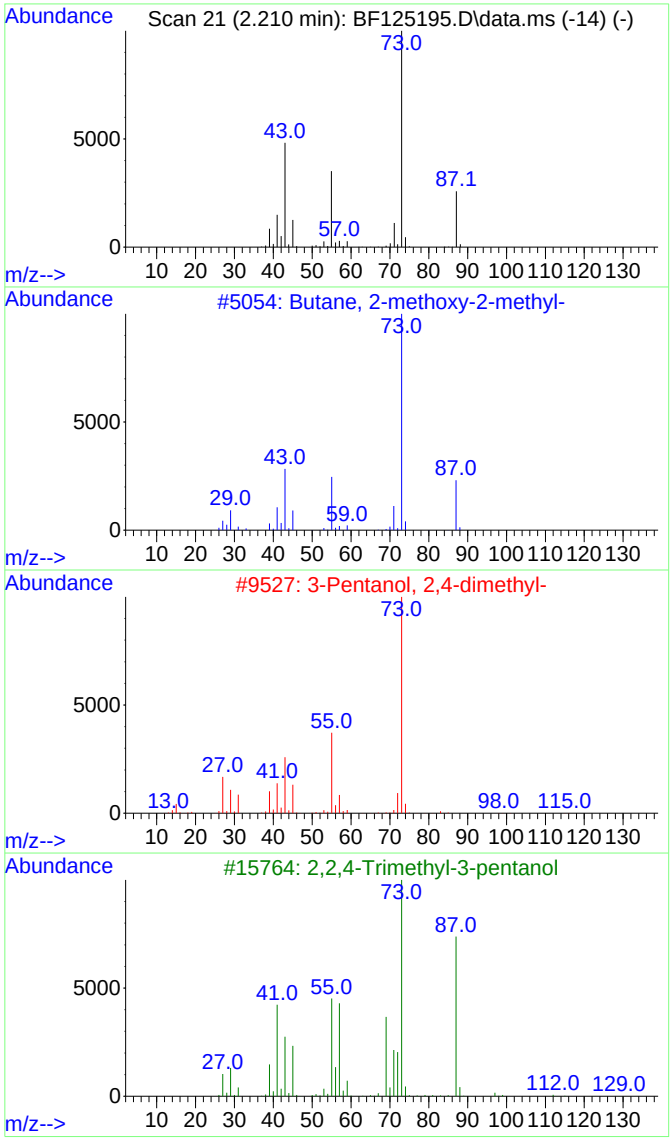
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

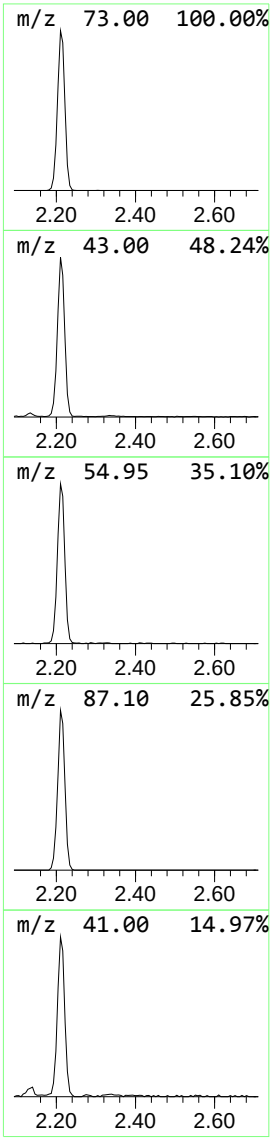
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	26.44 ng	1172370	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
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Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

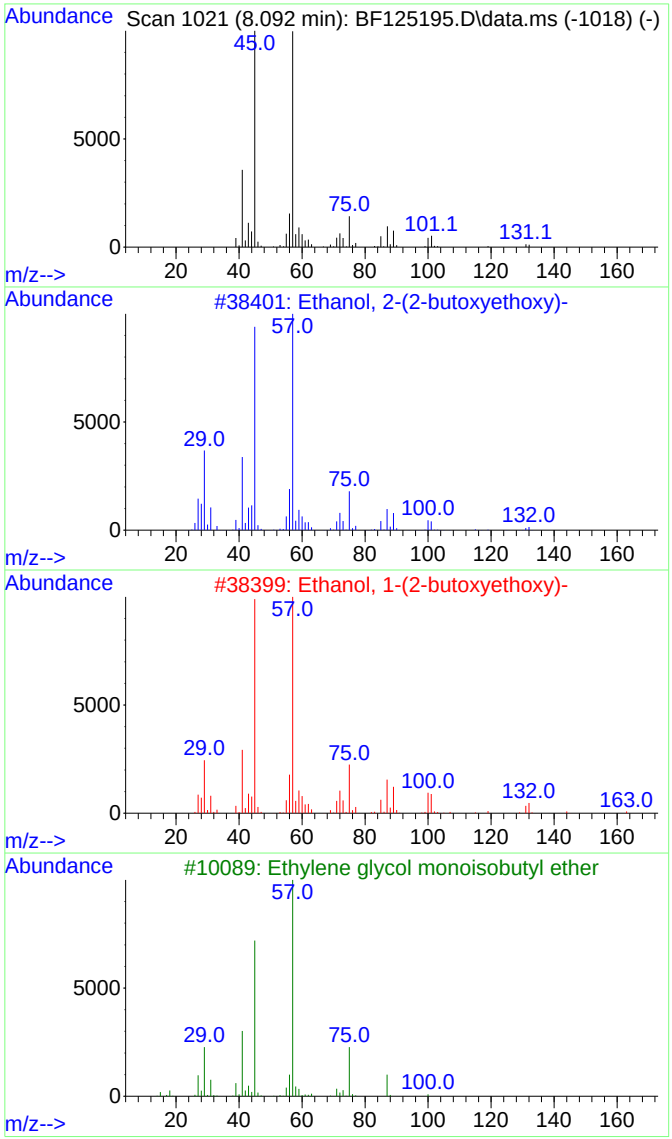
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

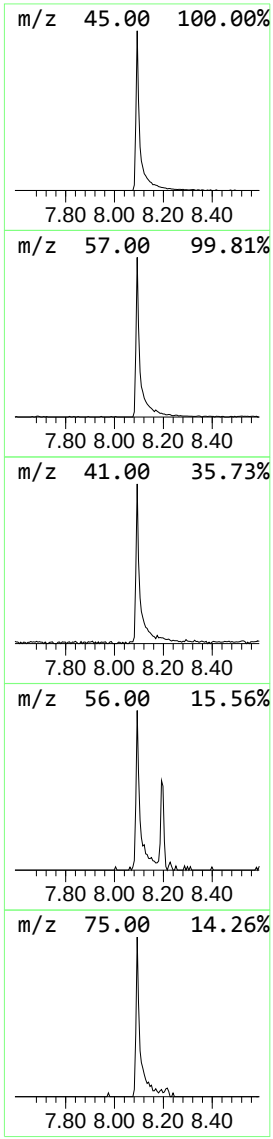
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	8.20 ng	461771	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
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Sample : M3507-01
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Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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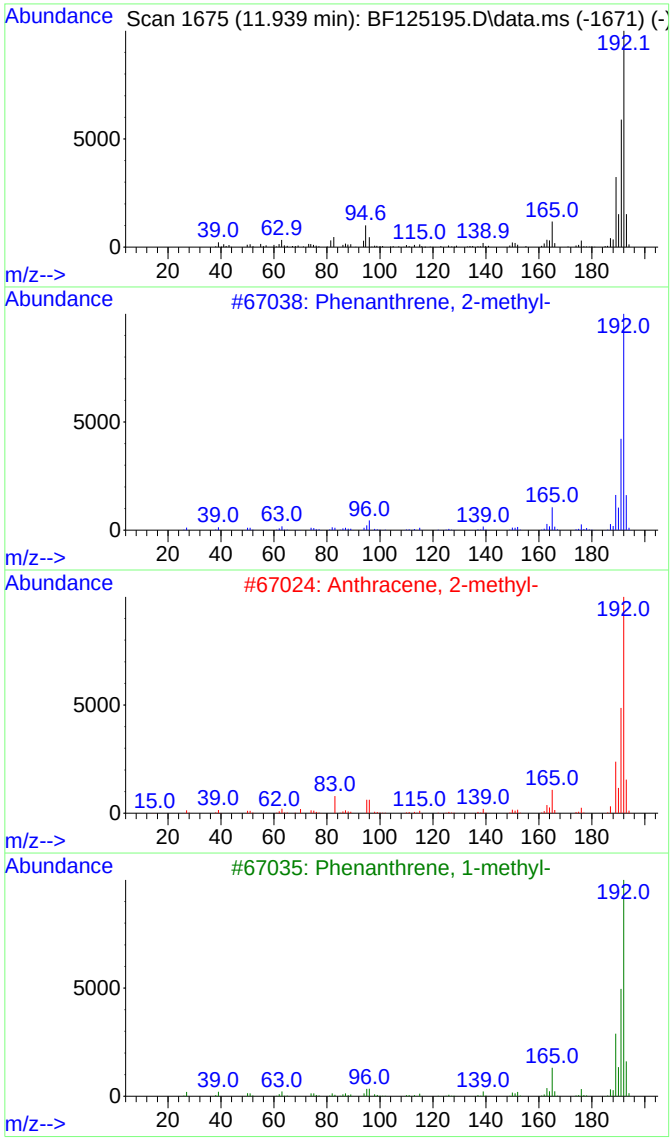
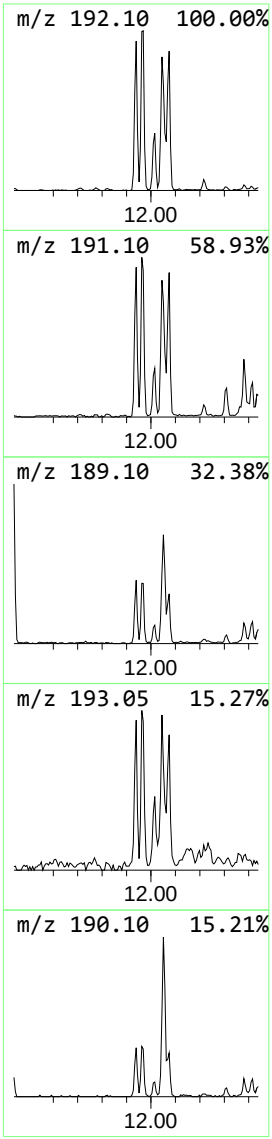
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.77 ng	264767	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

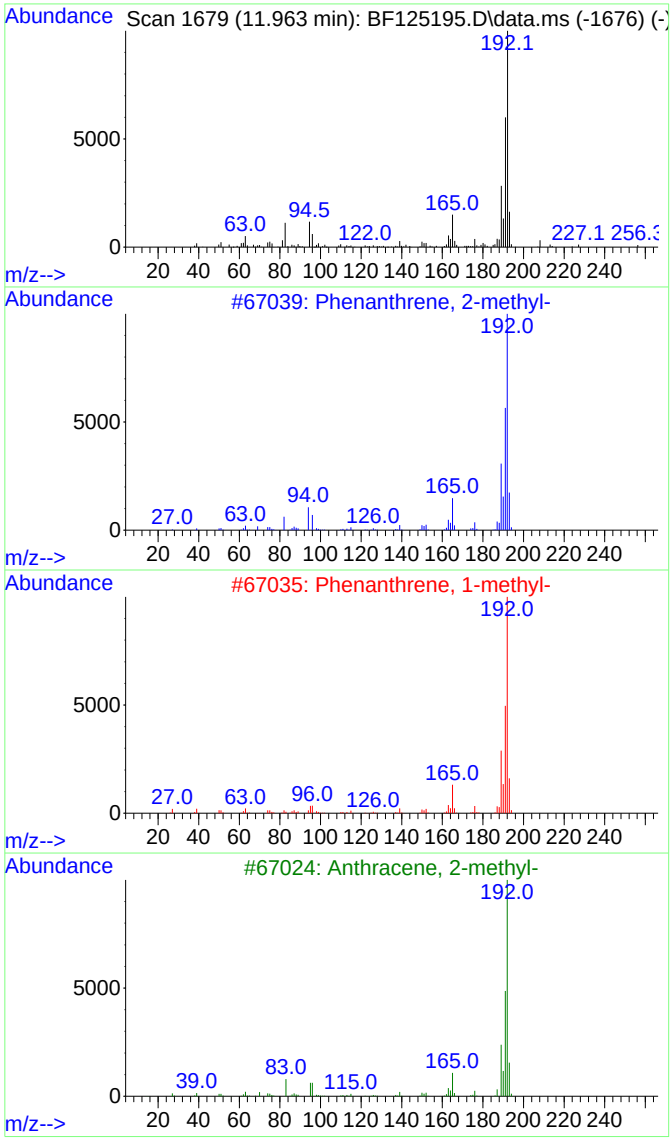
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

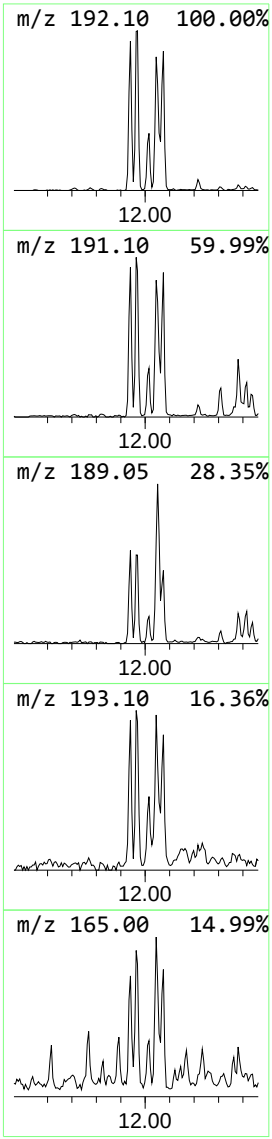
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	9.11 ng	505445	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

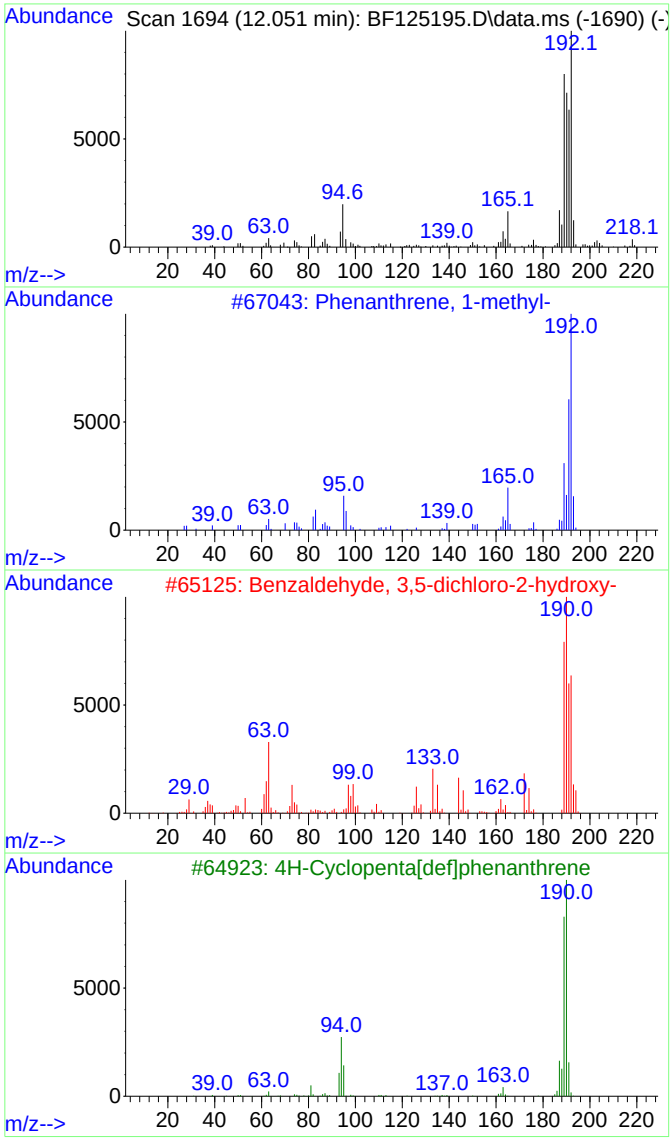
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

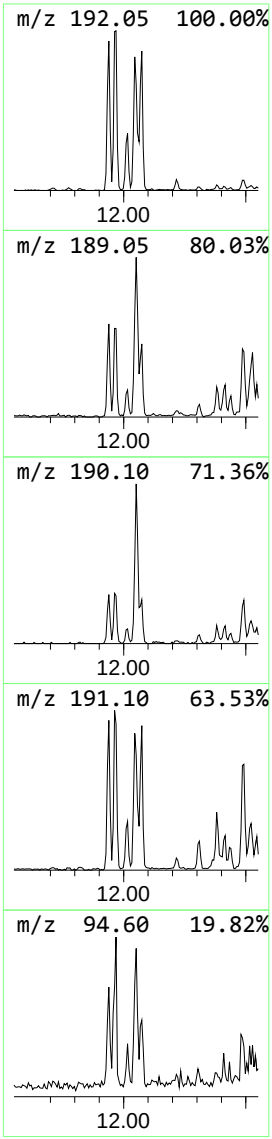
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	7.07 ng	392593	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45





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Operator : JU/CG
Sample : M3507-01
Misc :
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Instrument : BNA_F
ClientSampleId : 130-A

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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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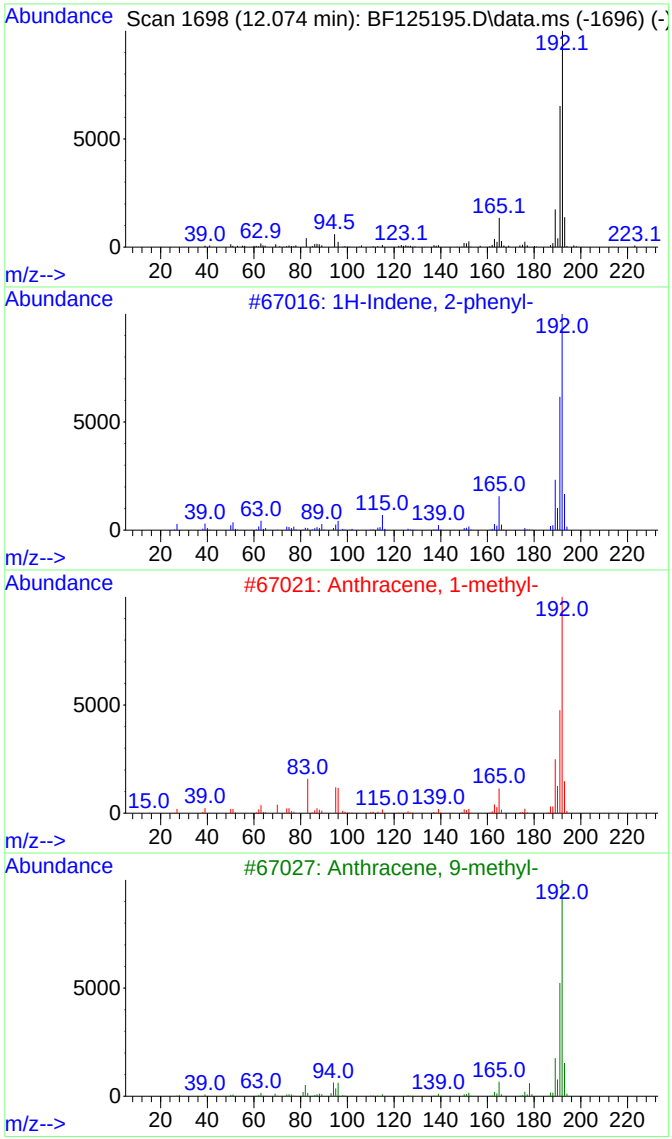
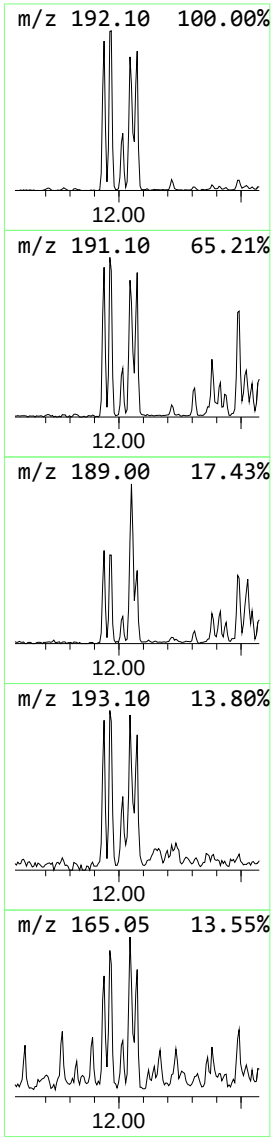
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	3.71 ng	206020	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83





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Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

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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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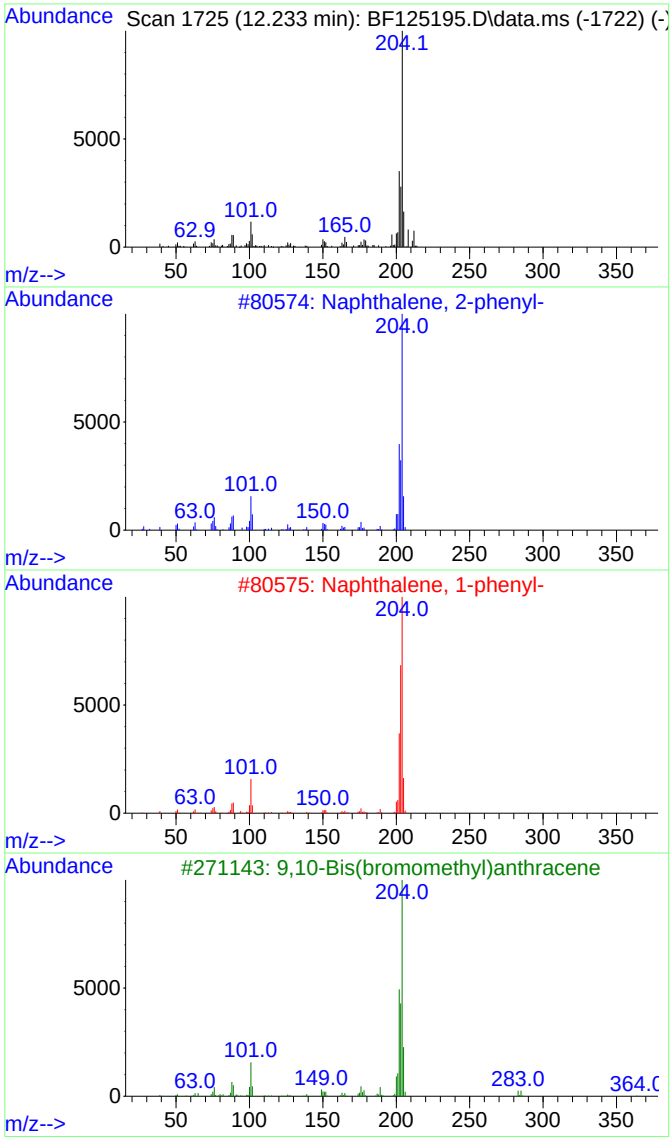
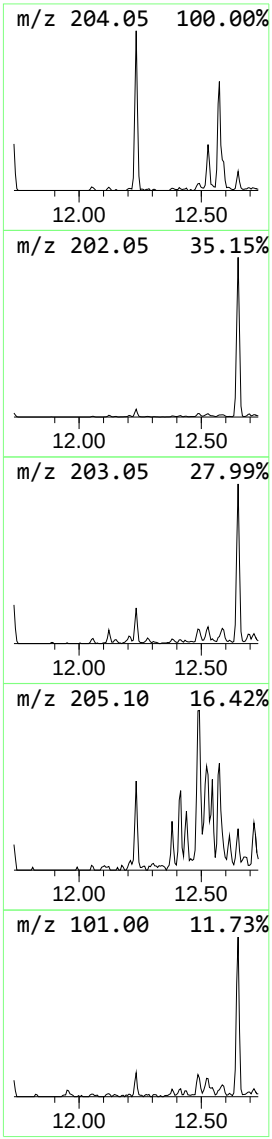
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	2.95 ng	163819	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





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Instrument : BNA_F
ClientSampleId : 130-A

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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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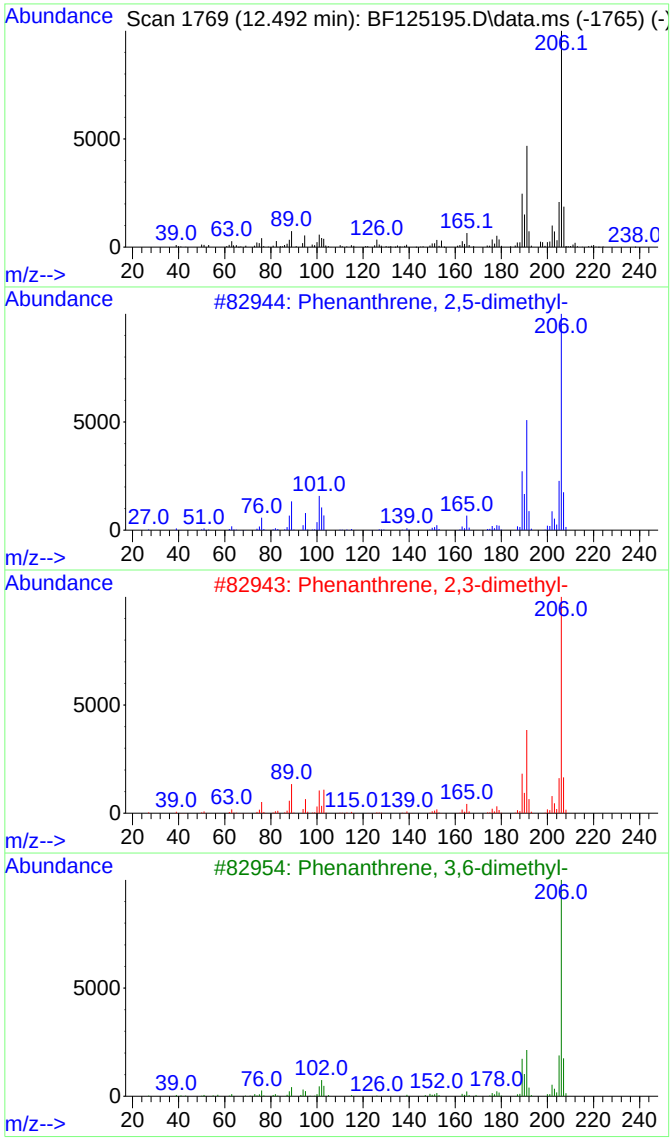
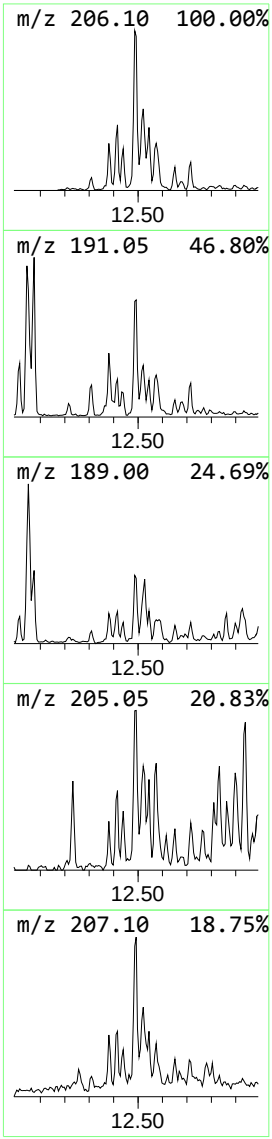
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	5.96 ng	330591	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

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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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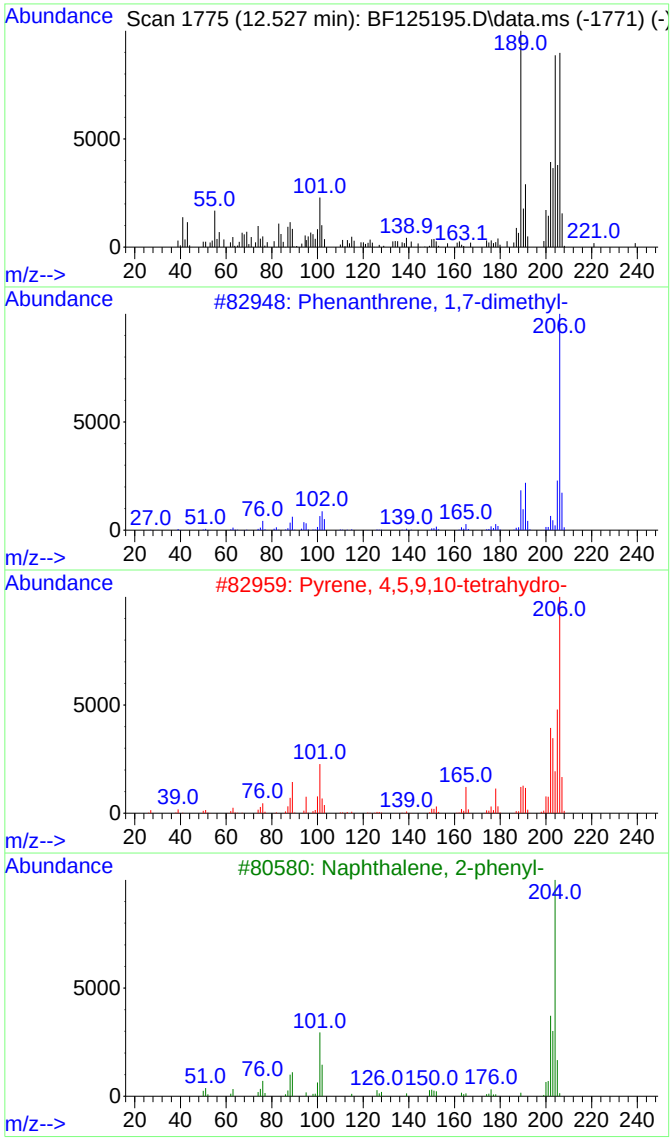
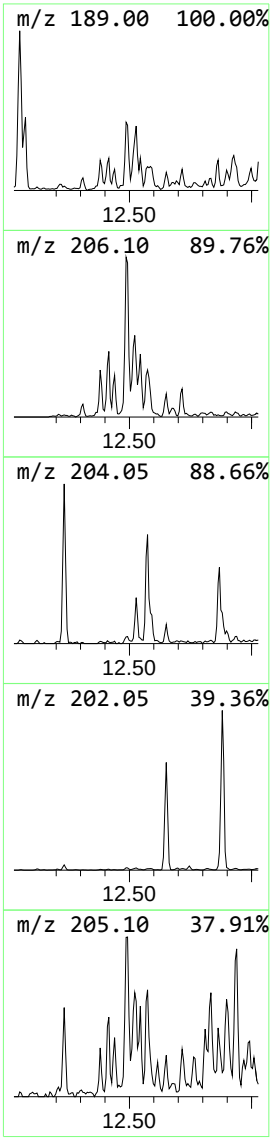
Peak Number 9 unknown12.527 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	4.10 ng	227660	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	42
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
5	2-Acetyl-3,7-dimethylbenzo(b)thi...	204	C12H12OS	006179-06-2	35





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ClientSampleId :
130-A

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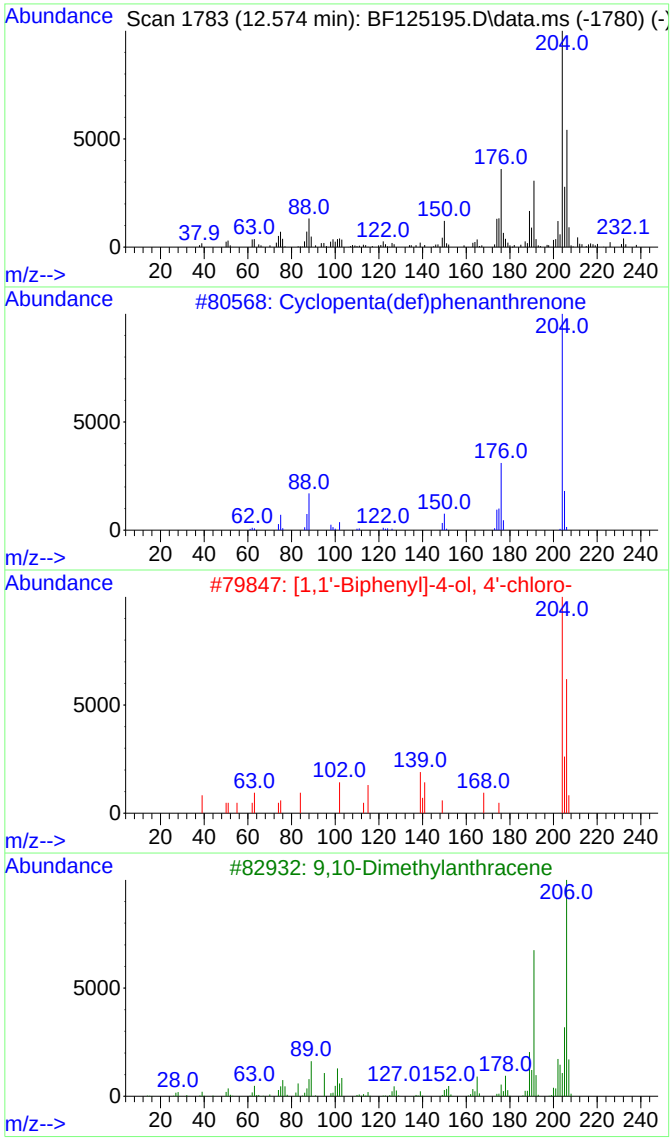
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

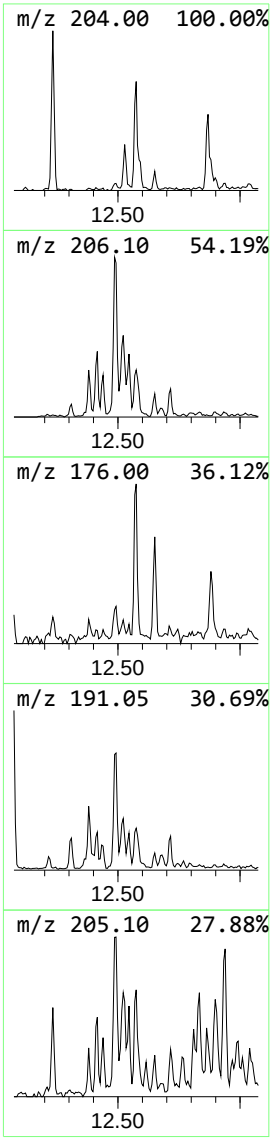
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	4.36 ng	241881	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	52
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38





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Instrument : BNA_F
ClientSampleId : 130-A

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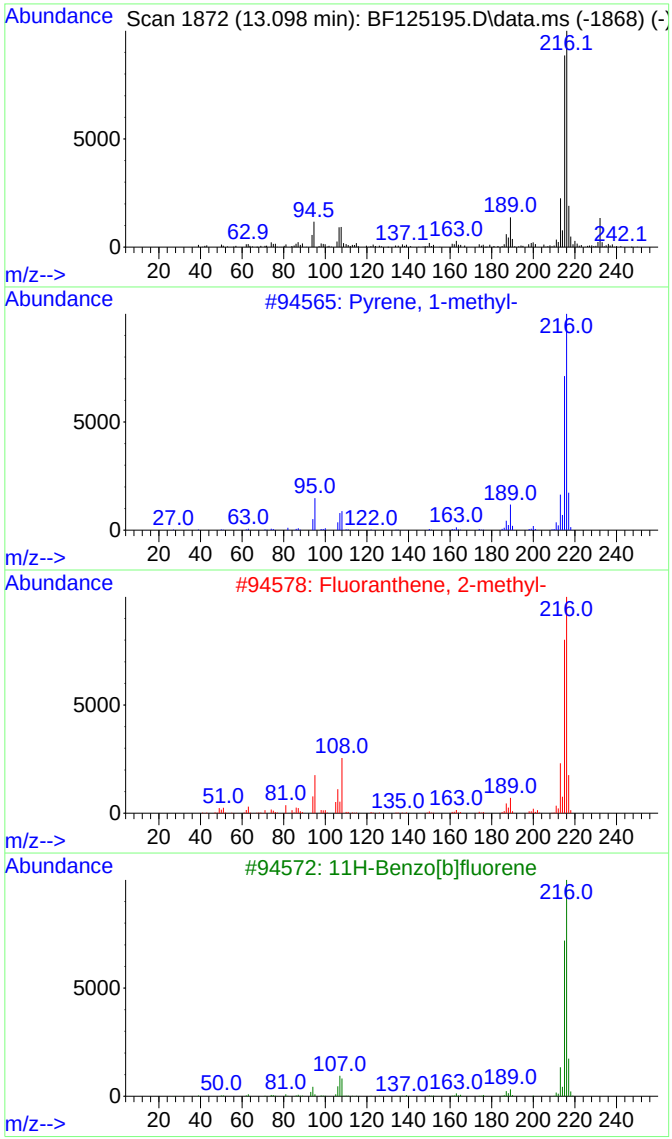
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

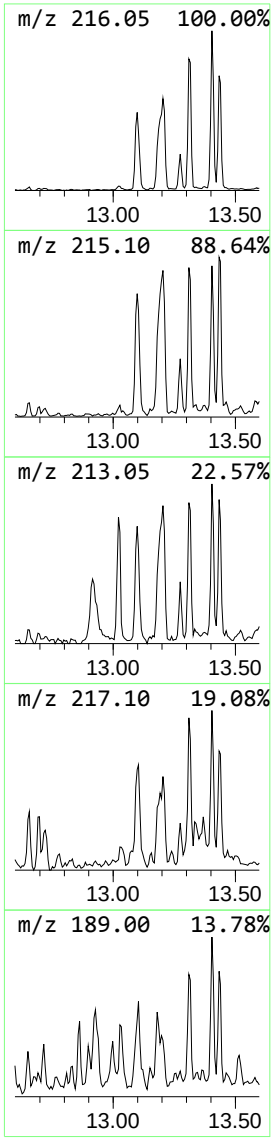
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	4.42 ng	437710	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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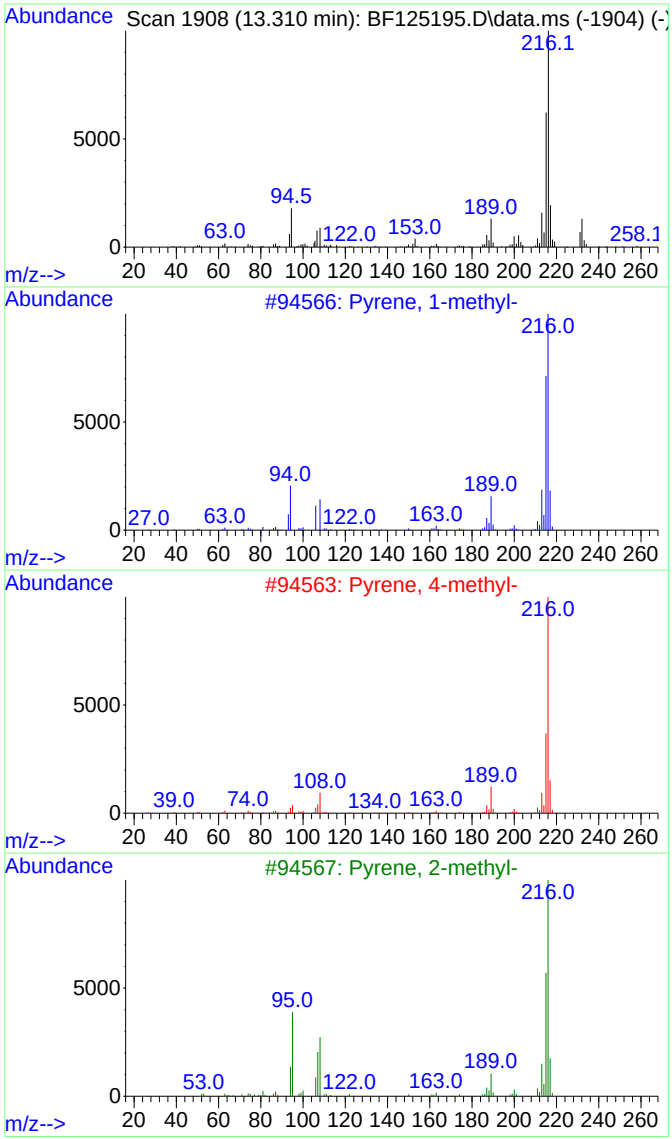
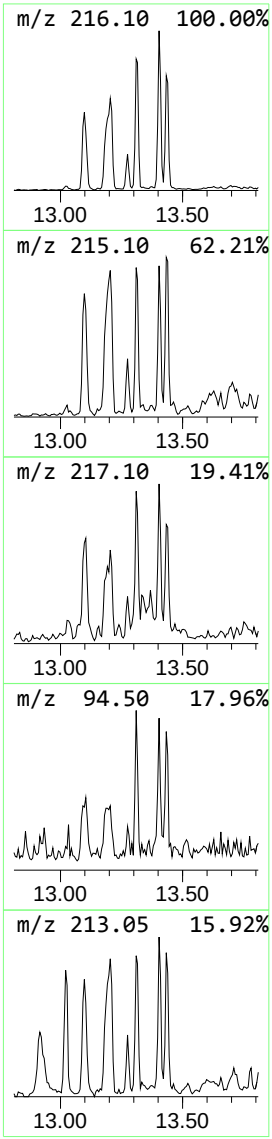
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	4.06 ng	401715	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : M3507-01
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Instrument : BNA_F
ClientSampleId : 130-A

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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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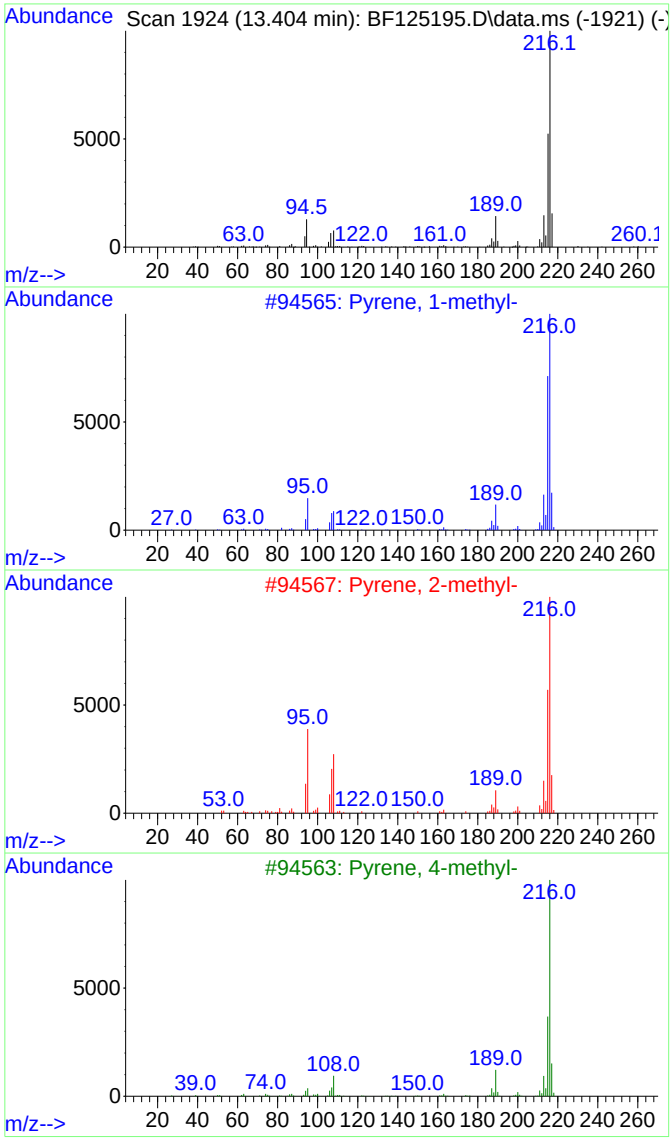
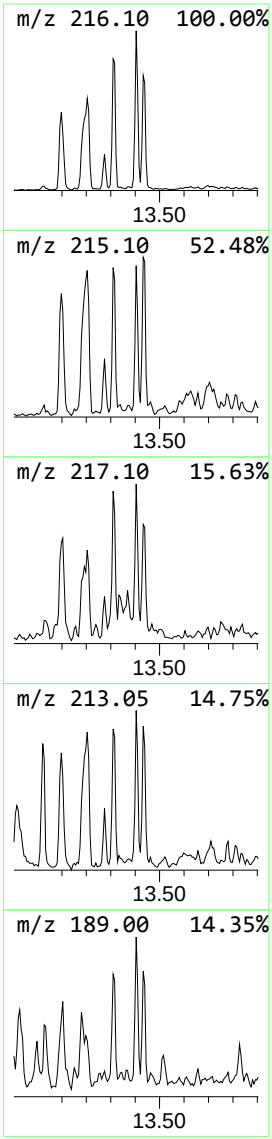
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	3.08 ng	305170	Chrysene-d12	14.080

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	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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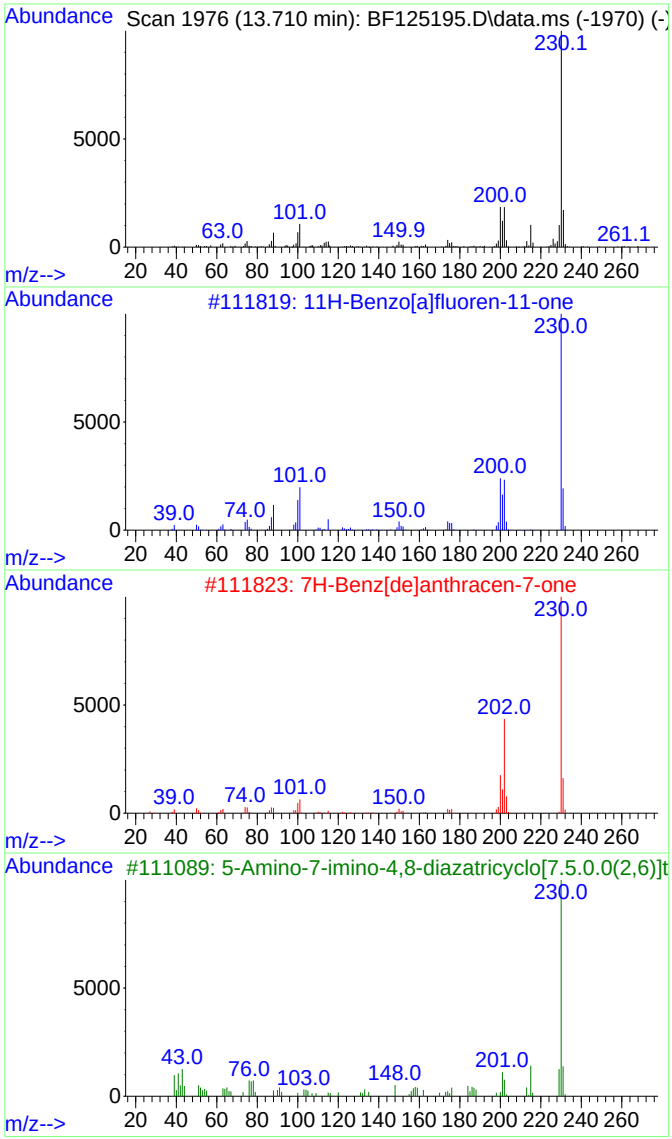
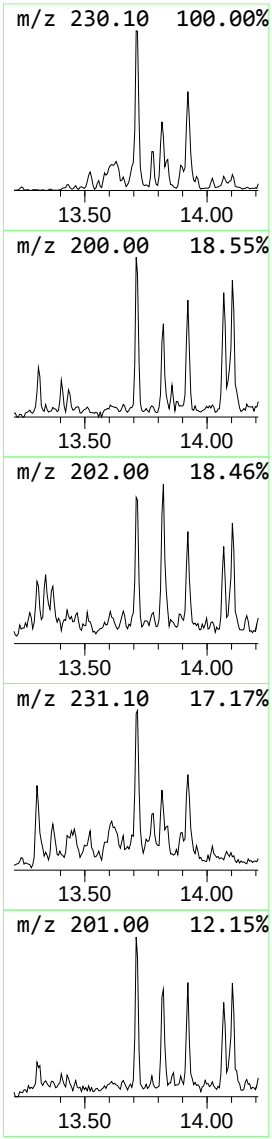
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	3.86 ng	381496	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	64
4	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	59
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	59





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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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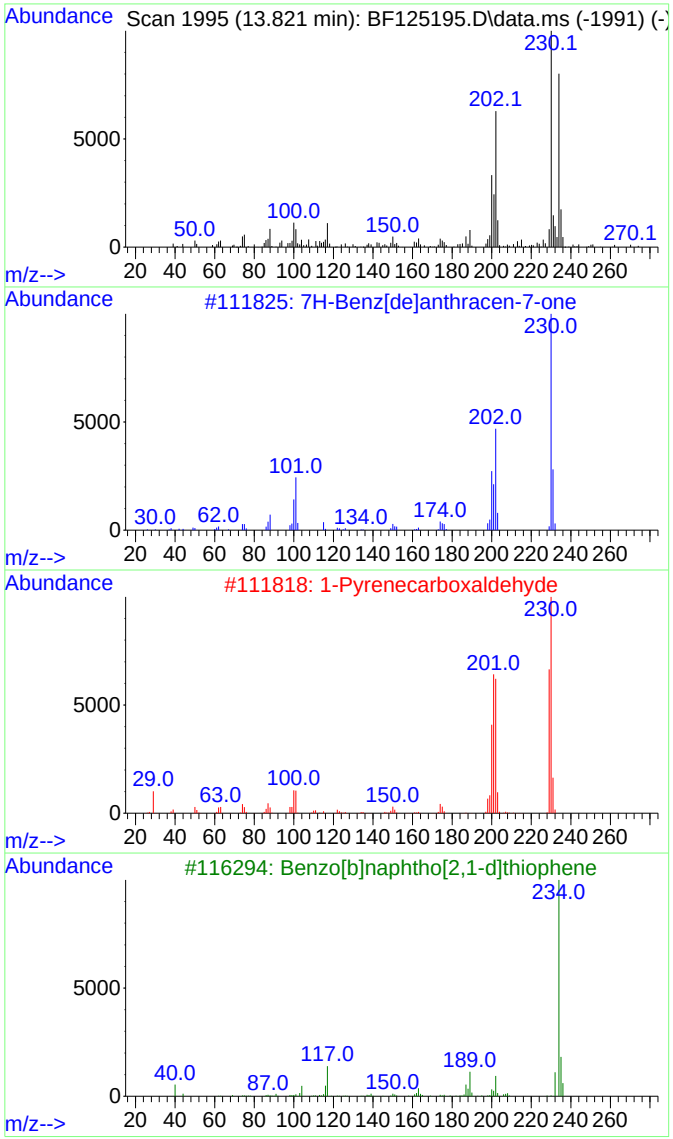
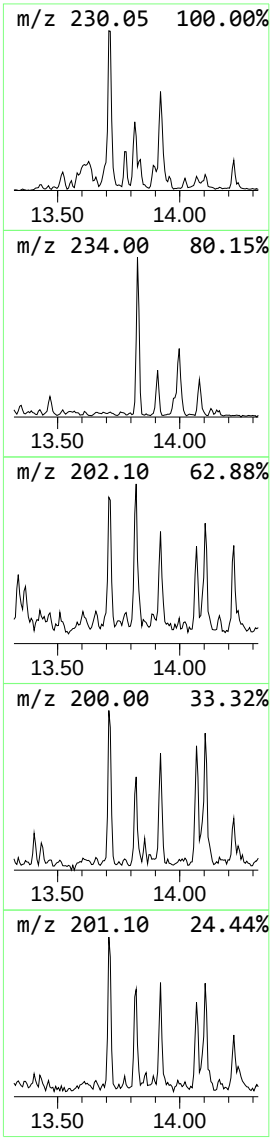
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	3.17 ng	313875	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	70
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	51
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	50
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49





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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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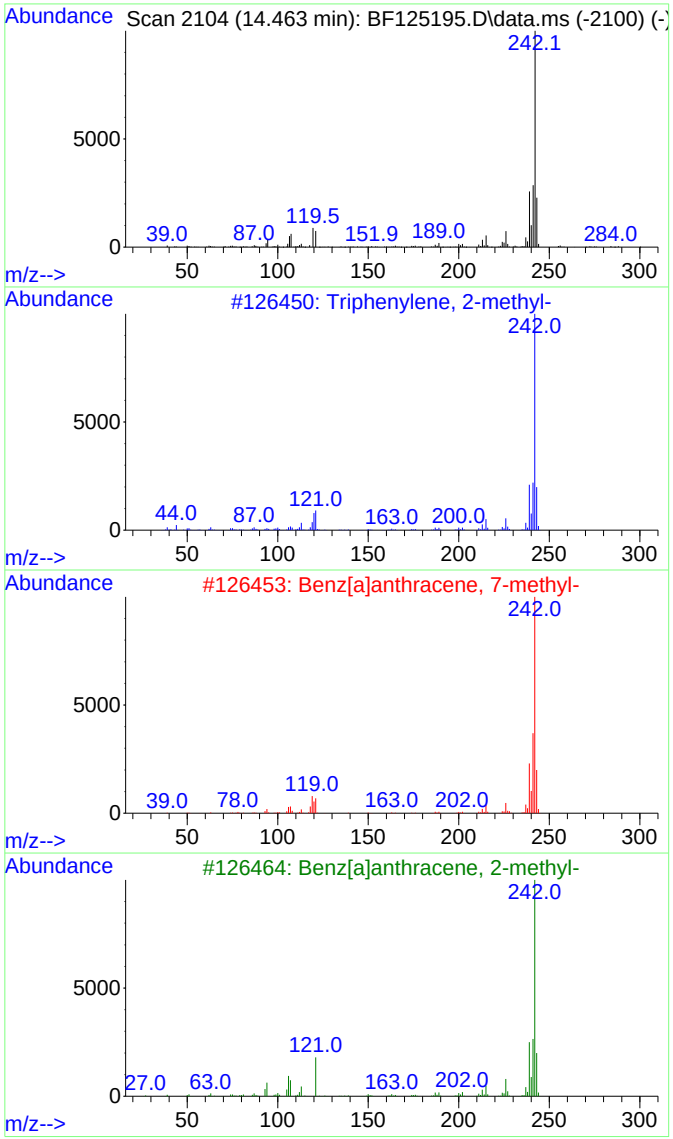
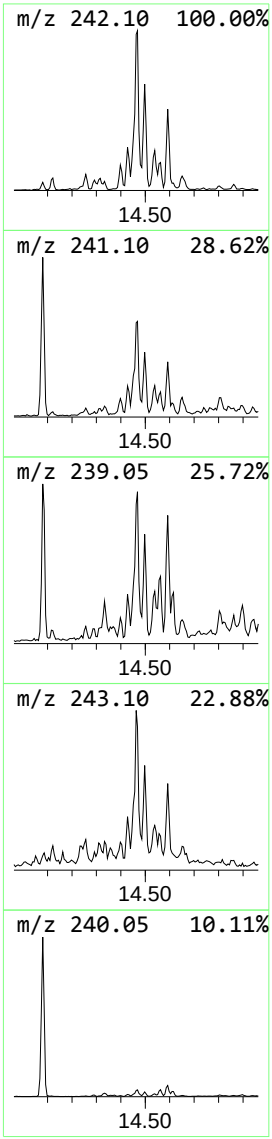
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	5.78 ng	571469	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	91
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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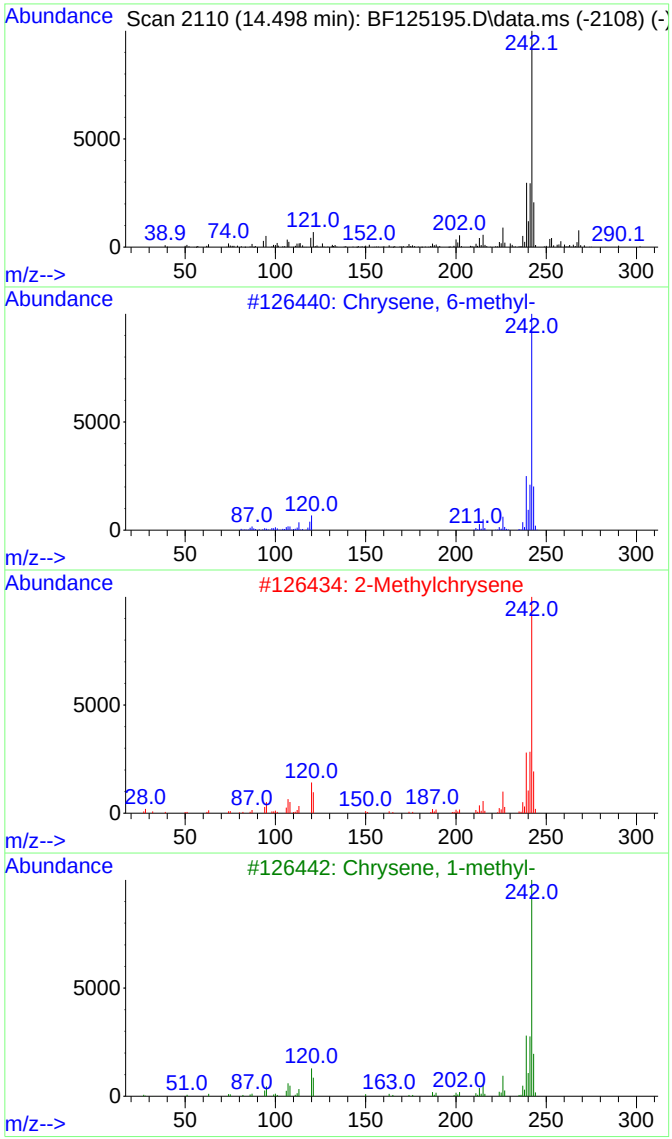
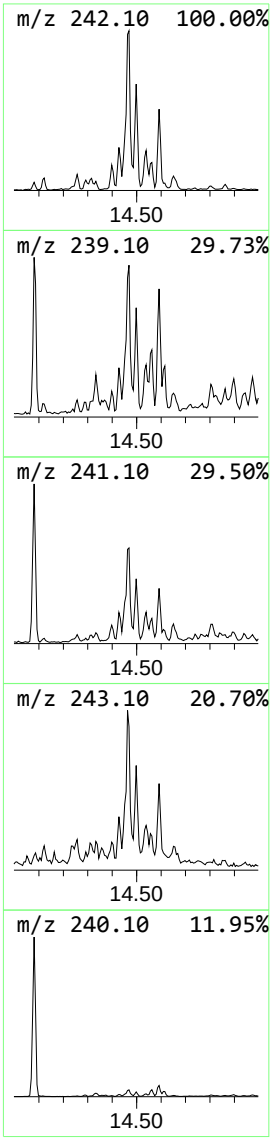
Peak Number 17 Chrysene, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	2.88 ng	284882	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	94
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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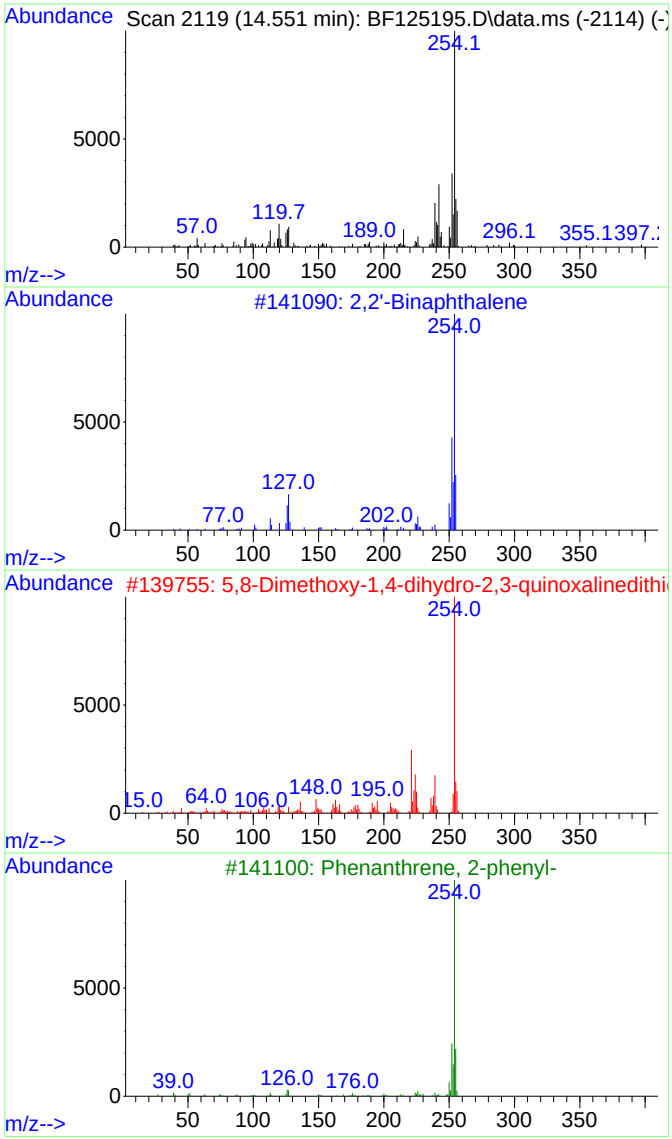
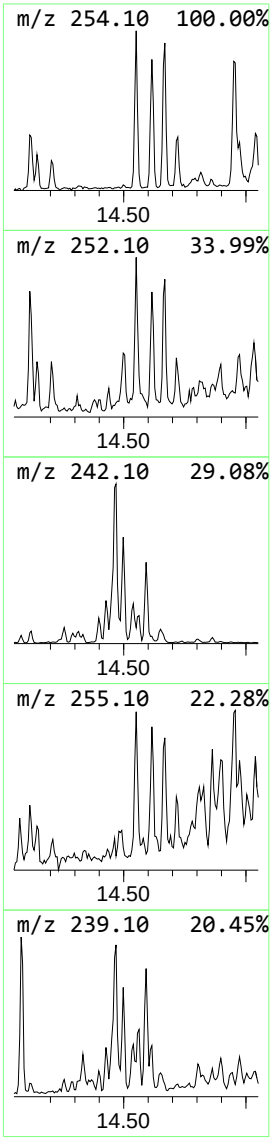
Peak Number 18 2,2'-Binaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.551	3.23 ng	319491	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	70
2	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	50
3	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	49
4	(6-Isopropyl-3,4-bis(methylamino...	254	C15H18N4	014203-76-0	47
5	2-(3,4-Dimethoxyphenyl)-1-benzof...	254	C16H14O3	051924-87-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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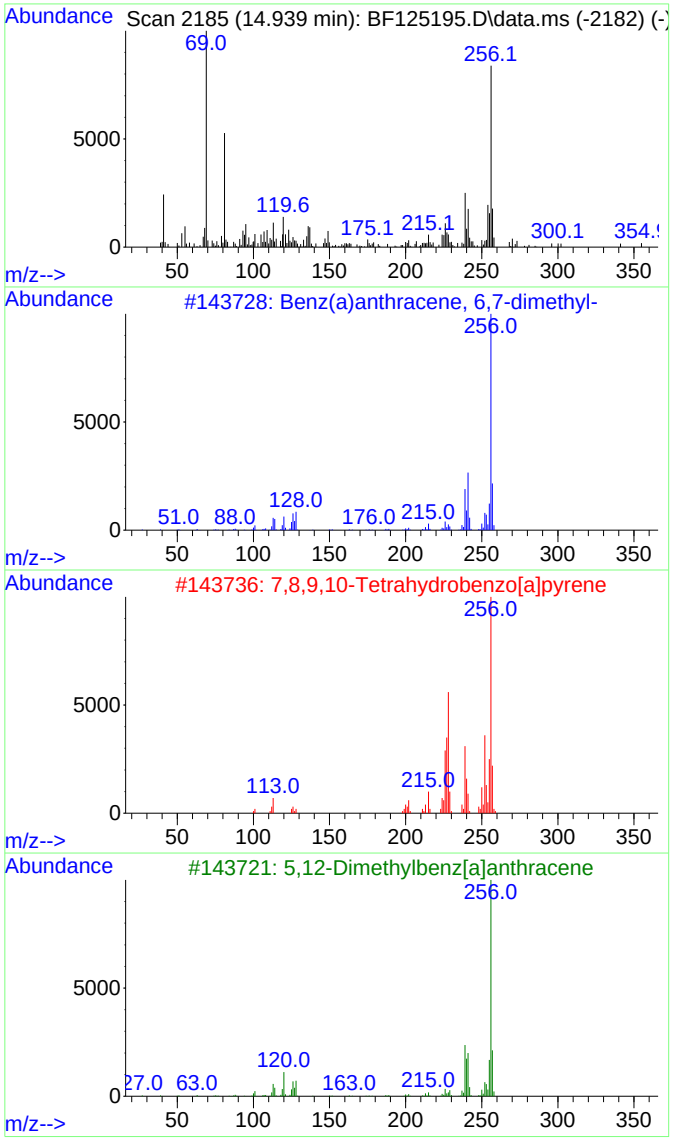
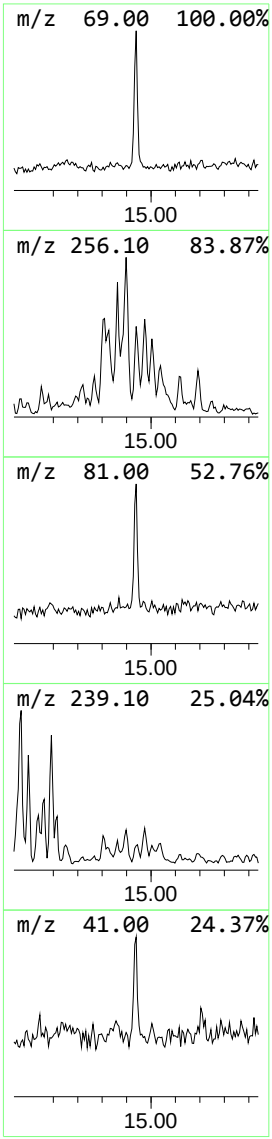
Peak Number 19 Benz(a)anthracene, 6,7-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.939	4.14 ng	225401	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	64
2	7,8,9,10-Tetrahydrobenzo[a]pyrene	256	C20H16	017750-93-5	58
3	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	56
4	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	50
5	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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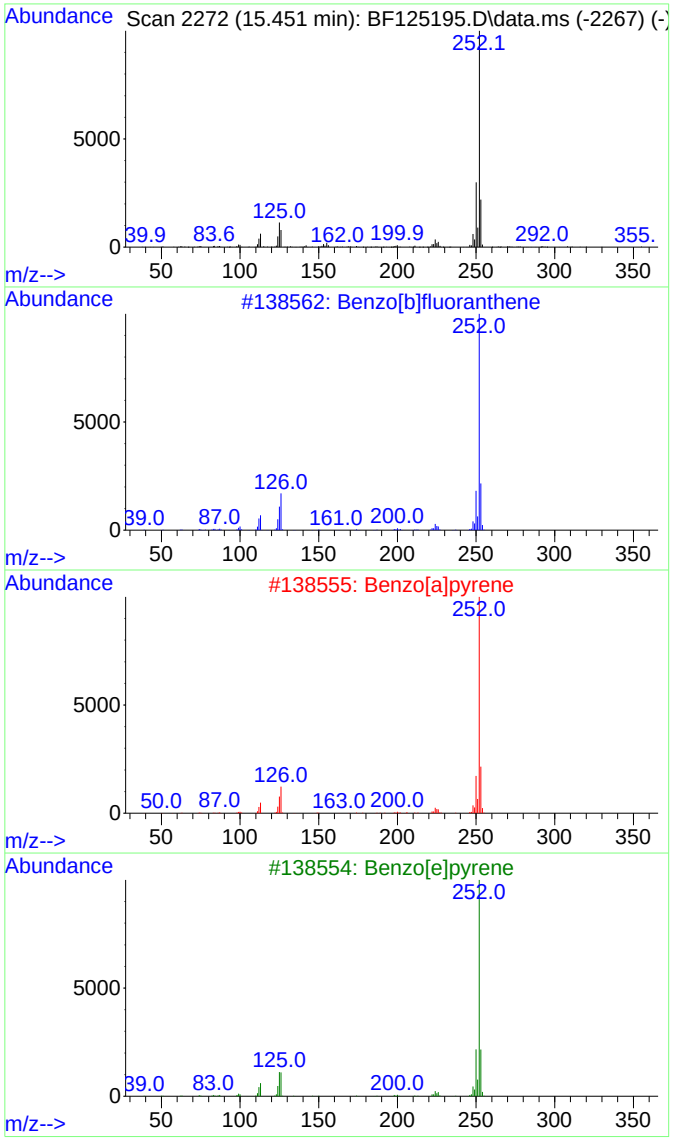
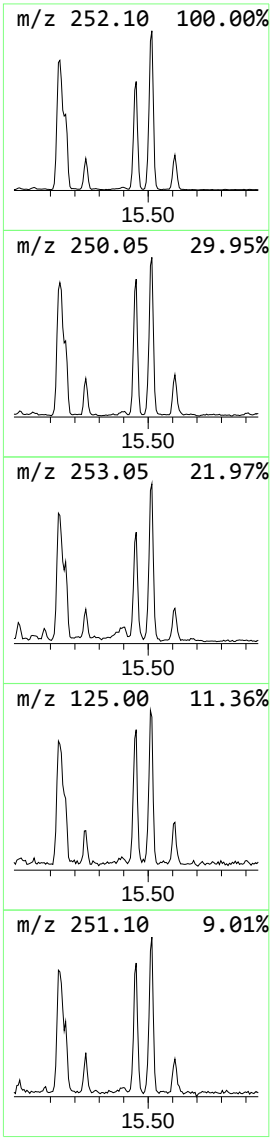
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	11.98 ng	652758	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125195.D
Acq On : 24 Aug 2021 20:37
Operator : JU/CG
Sample : M3507-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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
Butane, 2-metho...	2.210	26.4	ng	1172370	1	6.916	886760	20.0
Ethanol, 2-(2-b...	8.092	8.2	ng	461771	2	8.198	1126350	20.0
Phenanthrene, 2...	11.939	4.8	ng	264767	4	11.439	1110230	20.0
Phenanthrene, 1...	11.963	9.1	ng	505445	4	11.439	1110230	20.0
Benzaldehyde, 3...	12.051	7.1	ng	392593	4	11.439	1110230	20.0
1H-Indene, 2-ph...	12.075	3.7	ng	206020	4	11.439	1110230	20.0
Naphthalene, 2-...	12.233	3.0	ng	163819	4	11.439	1110230	20.0
Phenanthrene, 2...	12.492	6.0	ng	330591	4	11.439	1110230	20.0
unknown12.527	12.527	4.1	ng	227660	4	11.439	1110230	20.0
Cyclopenta(def)...	12.574	4.4	ng	241881	4	11.439	1110230	20.0
Pyrene, 1-methyl-	13.098	4.4	ng	437710	5	14.080	1978790	20.0
Pyrene, 4-methyl-	13.310	4.1	ng	401715	5	14.080	1978790	20.0
Pyrene, 2-methyl-	13.404	3.1	ng	305170	5	14.080	1978790	20.0
11H-Benzo[a]flu...	13.710	3.9	ng	381496	5	14.080	1978790	20.0
7H-Benz[de]anth...	13.821	3.2	ng	313875	5	14.080	1978790	20.0
Triphenylene, 2...	14.463	5.8	ng	571469	5	14.080	1978790	20.0
Chrysene, 6-met...	14.498	2.9	ng	284882	5	14.080	1978790	20.0
2,2'-Binaphthalene	14.551	3.2	ng	319491	5	14.080	1978790	20.0
Benz(a)anthrace...	14.939	4.1	ng	225401	6	15.580	1089400	20.0
Benzo[e]pyrene	15.451	12.0	ng	652758	6	15.580	1089400	20.0