LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
Operator : CG\JU
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130908.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	19	27	33	rVB	524281	678230	23.72%	1.547%
2	5.163	518	523	529	rVB	153757	181754	6.36%	0.415%
3	5.551	582	589	592	rBV	1778022	1603829	56.09%	3.658%
4	6.551	754	759	762	rBV	1662267	1591996	55.68%	3.631%
5	6.934	820	824	827	rBV	725678	560206	19.59%	1.278%
6	7.498	915	920	922	rBV	1088446	1003772	35.11%	2.290%
7	8.216	1039	1042	1045	rBV	756736	682264	23.86%	1.556%
8	9.298	1221	1226	1229	rBV	2008528	1662609	58.15%	3.792%
9	9.634	1280	1283	1286	rBV	88736	88662	3.10%	0.202%
10	9.686	1290	1292	1299	rVB3	89177	104424	3.65%	0.238%
11	9.839	1315	1318	1321	rBV	178720	146256	5.12%	0.334%
12	9.981	1335	1342	1345	rBV	819568	650364	22.75%	1.484%
13	10.181	1371	1376	1379	rVV2	97891	115857	4.05%	0.264%
14	10.222	1380	1383	1386	rVB	120526	97503	3.41%	0.222%
15	10.292	1392	1395	1398	rBV	118971	125010	4.37%	0.285%
16	10.386	1407	1411	1413	rBV2	109558	138261	4.84%	0.315%
17	10.592	1441	1446	1448	rVV2	67718	99734	3.49%	0.227%
18	10.681	1457	1461	1466	rVB3	59411	108763	3.80%	0.248%
19	10.769	1473	1476	1480	rVV	902141	715752	25.03%	1.633%
20	10.892	1492	1497	1500	rBV3	170958	191478	6.70%	0.437%
21	11.081	1524	1529	1531	rBV2	106521	130663	4.57%	0.298%
22	11.104	1531	1533	1536	rVV2	94553	96038	3.36%	0.219%
23	11.204	1546	1550	1552	rBV3	85484	130378	4.56%	0.297%
24	11.228	1552	1554	1559	rVV3	92968	109005	3.81%	0.249%
25	11.275	1559	1562	1565	rVV3	94192	97593	3.41%	0.223%
26	11.322	1565	1570	1575	rVV6	78954	136573	4.78%	0.312%
27	11.369	1575	1578	1582	rVB4	79321	97174	3.40%	0.222%
28	11.475	1593	1596	1598	rBV	589532	510304	17.85%	1.164%
29	11.498	1598	1600	1603	rVV	824178	617901	21.61%	1.409%
30	11.551	1606	1609	1611	rBV	216147	173162	6.06%	0.395%
31	11.575	1611	1613	1617	rBV2	79493	108671	3.80%	0.248%
32	11.804	1650	1652	1656	rVB	183991	153454	5.37%	0.350%
33	11.892	1663	1667	1671	rVB	78852	87984	3.08%	0.201%
34	11.980	1678	1682	1684	rVV	494362	506422	17.71%	1.155%
35	12.004	1684	1686	1690	rVB	661683	588716	20.59%	1.343%
36	12.051	1690	1694	1697	rBV	264506	282911	9.89%	0.645%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
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Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.086	1697	1700	1703	rVV2	731493	851702	29.79%	1.943%
38	12.116	1703	1705	1708	rVB	556643	428134	14.97%	0.977%
39	12.163	1710	1713	1715	rBV2	102268	87184	3.05%	0.199%
40	12.210	1718	1721	1724	rVB2	122930	100607	3.52%	0.229%
41	12.275	1729	1732	1734	rVV2	314381	256551	8.97%	0.585%
42	12.298	1734	1736	1739	rVB2	168109	164366	5.75%	0.375%
43	12.404	1752	1754	1755	rBV	123520	92402	3.23%	0.211%
44	12.422	1755	1757	1760	rVB	161043	120189	4.20%	0.274%
45	12.451	1760	1762	1764	rBV	172392	129716	4.54%	0.296%
46	12.475	1764	1766	1769	rVB2	152116	141690	4.96%	0.323%
47	12.533	1769	1776	1778	rBV	657084	757024	26.48%	1.727%
48	12.569	1778	1782	1784	rVV2	330446	429970	15.04%	0.981%
49	12.616	1787	1790	1795	rBV2	369800	505329	17.67%	1.153%
50	12.698	1800	1804	1807	rVB	1777550	1466218	51.28%	3.344%
51	12.739	1807	1811	1812	rBV	186013	158866	5.56%	0.362%
52	12.757	1812	1814	1818	rVB3	169530	151162	5.29%	0.345%
53	12.822	1822	1825	1827	rBV3	161746	155728	5.45%	0.355%
54	12.851	1827	1830	1832	rBV2	112973	104892	3.67%	0.239%
55	12.875	1832	1834	1837	rVB	133856	108434	3.79%	0.247%
56	12.933	1837	1844	1848	rBV	2566739	2859229	100.00%	6.522%
57	12.975	1848	1851	1855	rVB2	252728	326072	11.40%	0.744%
58	13.063	1863	1866	1873	rVB	1248189	1437361	50.27%	3.279%
59	13.139	1876	1879	1886	rVB4	508719	791215	27.67%	1.805%
60	13.198	1886	1889	1891	rBV	211716	189056	6.61%	0.431%
61	13.227	1891	1894	1896	rBV3	384818	496542	17.37%	1.133%
62	13.251	1896	1898	1901	rVB	634841	588296	20.58%	1.342%
63	13.298	1901	1906	1907	rBV4	111836	164449	5.75%	0.375%
64	13.322	1907	1910	1912	rVB	292704	231219	8.09%	0.527%
65	13.357	1912	1916	1919	rBV2	649465	671048	23.47%	1.531%
66	13.451	1929	1932	1935	rBV	580094	553177	19.35%	1.262%
67	13.486	1935	1938	1940	rVV	584545	512722	17.93%	1.170%
68	13.510	1940	1942	1946	rVB5	77738	87318	3.05%	0.199%
69	13.563	1948	1951	1955	rVB3	126468	152760	5.34%	0.348%
70	13.627	1959	1962	1964	rBV4	93256	104182	3.64%	0.238%
71	13.657	1965	1967	1969	rVV2	149903	159322	5.57%	0.363%
72	13.704	1973	1975	1978	rVB3	106003	85706	3.00%	0.195%
73	13.739	1978	1981	1982	rBV3	118274	112704	3.94%	0.257%
74	13.763	1982	1985	1990	rVV	415010	488788	17.10%	1.115%
75	13.827	1993	1996	1998	rVB	107152	98176	3.43%	0.224%
76	13.874	1999	2004	2007	rBV4	380894	579245	20.26%	1.321%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.904	2007	2009	2011	rVV	422547	317113	11.09%	0.723%
78	13.927	2011	2013	2017	rVV2	218803	248919	8.71%	0.568%
79	13.974	2017	2021	2024	rVB2	290693	358999	12.56%	0.819%
80	14.122	2042	2046	2050	rBV2	1567764	2180375	76.26%	4.974%
81	14.157	2050	2052	2059	rVB	1481228	1522124	53.24%	3.472%
82	14.216	2059	2062	2064	rBV2	158133	154981	5.42%	0.354%
83	14.233	2064	2065	2067	rVV	143660	116970	4.09%	0.267%
84	14.274	2070	2072	2082	rVB8	160873	401178	14.03%	0.915%
85	14.380	2088	2090	2093	rVB	154917	137234	4.80%	0.313%
86	14.445	2098	2101	2104	rBV4	122614	150060	5.25%	0.342%
87	14.480	2104	2107	2109	rBV	194696	203956	7.13%	0.465%
88	14.516	2109	2113	2116	rBV	650287	622738	21.78%	1.420%
89	14.551	2116	2119	2122	rVB	462709	387822	13.56%	0.885%
90	14.586	2122	2125	2127	rBV2	174768	213144	7.45%	0.486%
91	14.645	2132	2135	2137	rVV	422791	414244	14.49%	0.945%
92	14.669	2137	2139	2142	rVB	267390	208627	7.30%	0.476%
93	15.204	2225	2230	2233	rBV2	730307	1241022	43.40%	2.831%
94	15.310	2245	2248	2252	rBV	183501	193789	6.78%	0.442%
95	15.521	2280	2284	2290	rVB	567900	719057	25.15%	1.640%
96	15.592	2290	2296	2301	rBV	765905	1074583	37.58%	2.451%
97	15.651	2302	2306	2309	rVV	263365	366186	12.81%	0.835%
98	15.680	2309	2311	2318	rVB3	190570	323526	11.32%	0.738%
99	17.198	2564	2569	2577	rVB2	266008	559423	19.57%	1.276%
100	17.674	2645	2650	2658	rVB	234919	451342	15.79%	1.030%

Sum of corrected areas: 43839836

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
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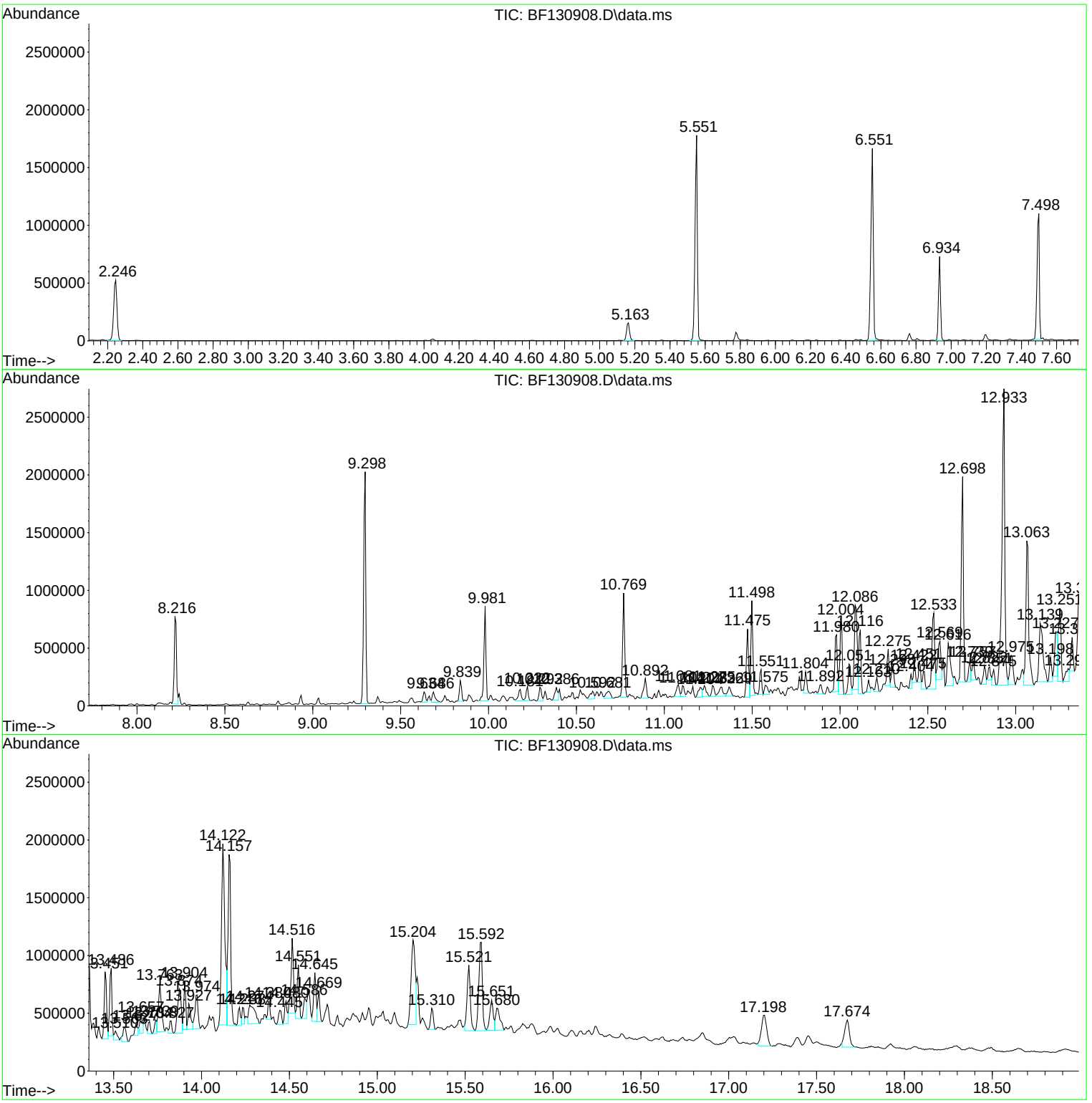
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110122\
Data File : BF130908.D
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Operator : CG\JU
Sample : N5234-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

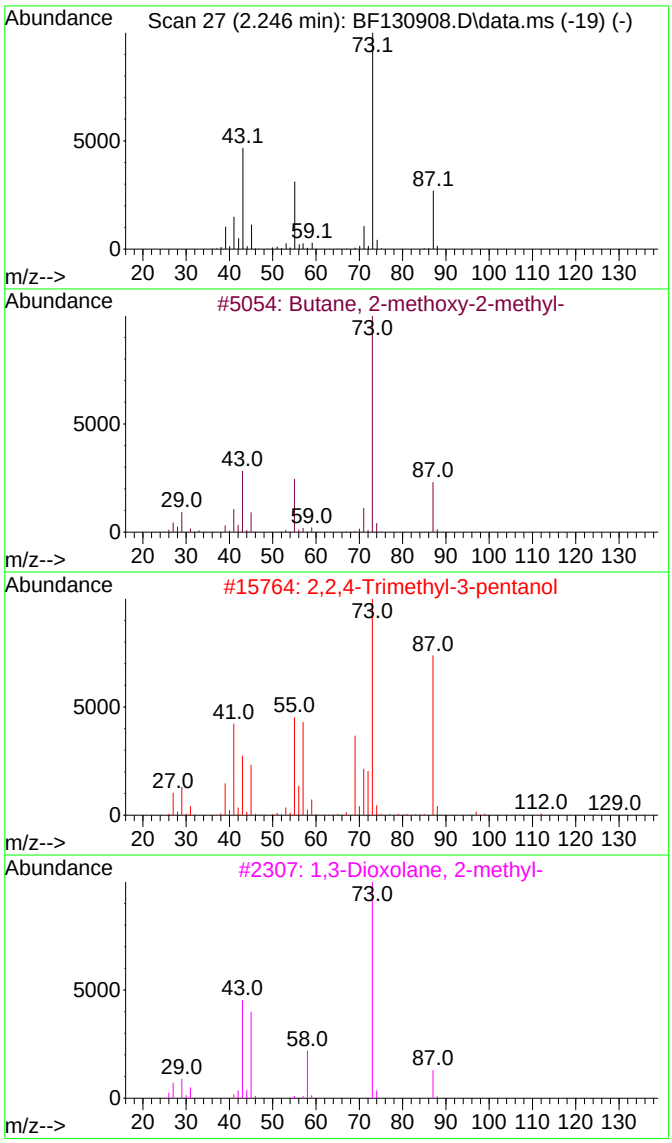
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

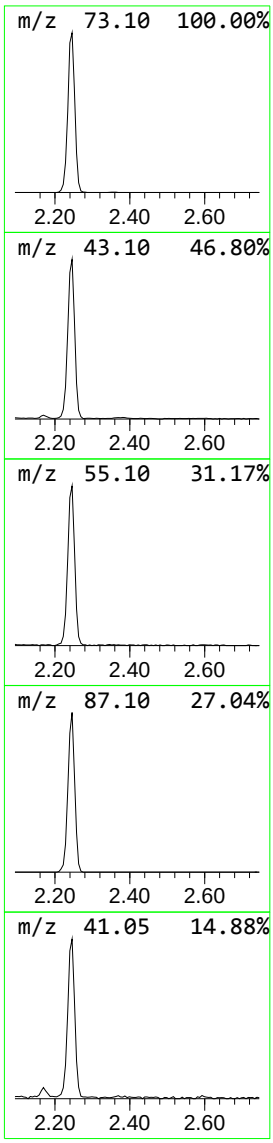
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	24.21 ng	678230	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
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Sample : N5234-04
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
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LSP-SS-04-05-15

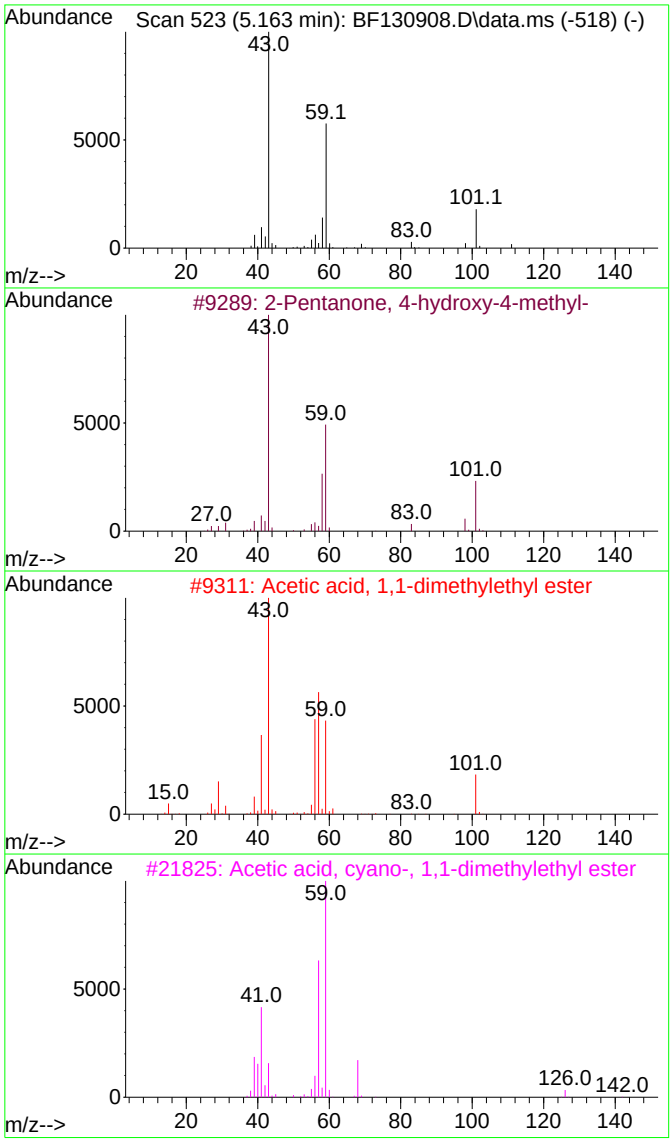
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

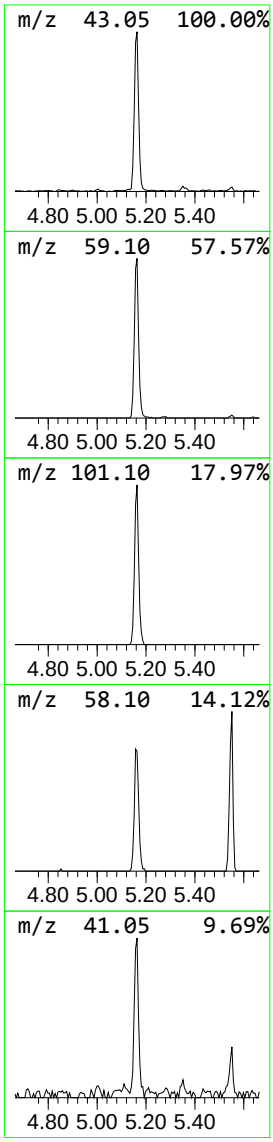
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	6.49 ng	181754	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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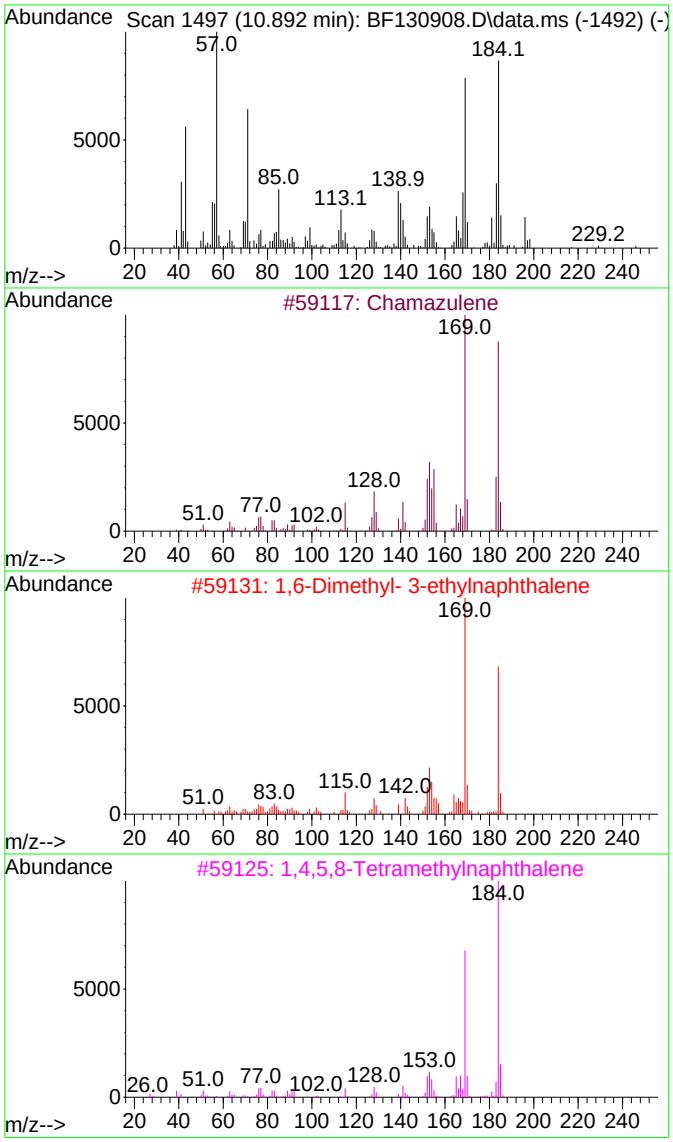
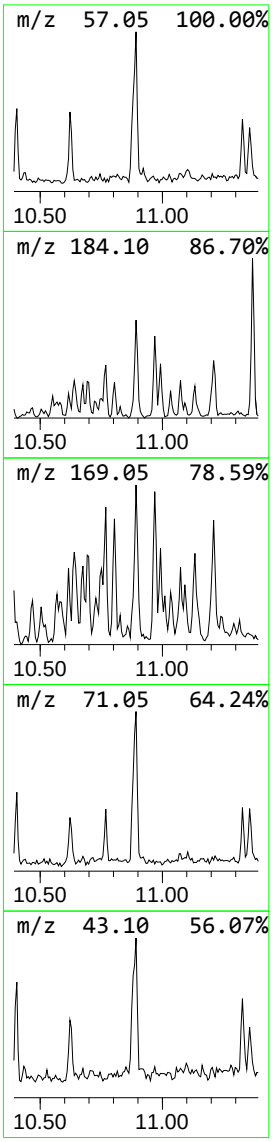
Peak Number 3 Chamazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	7.50 ng	191478	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	86
2	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	83
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	60
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	55





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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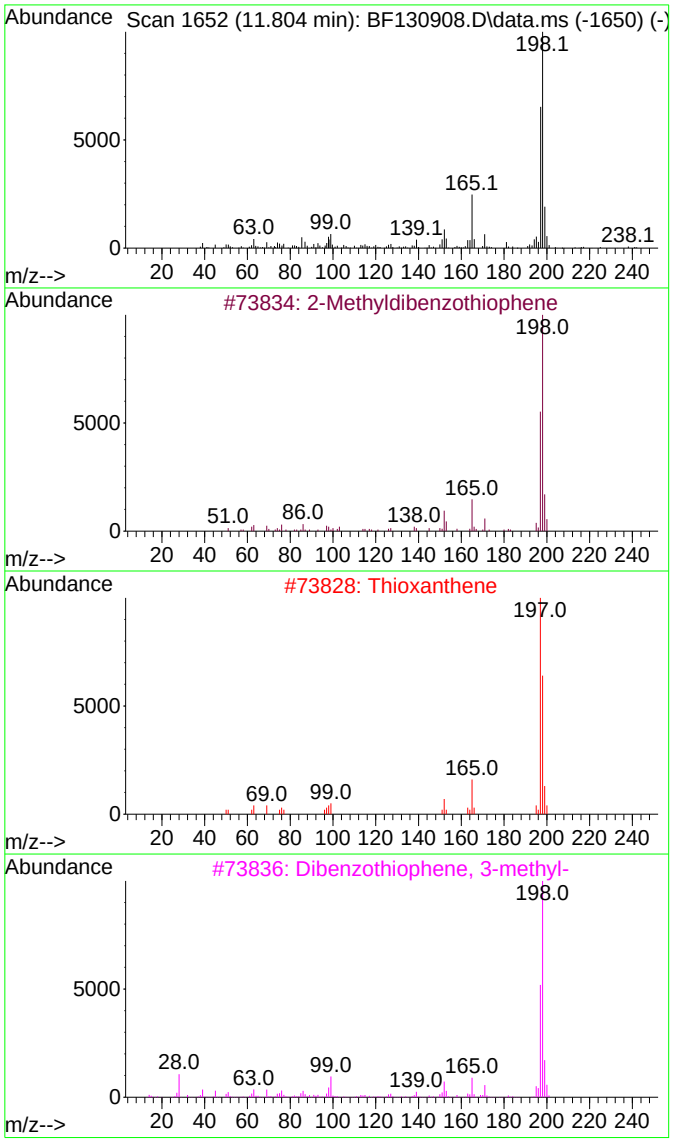
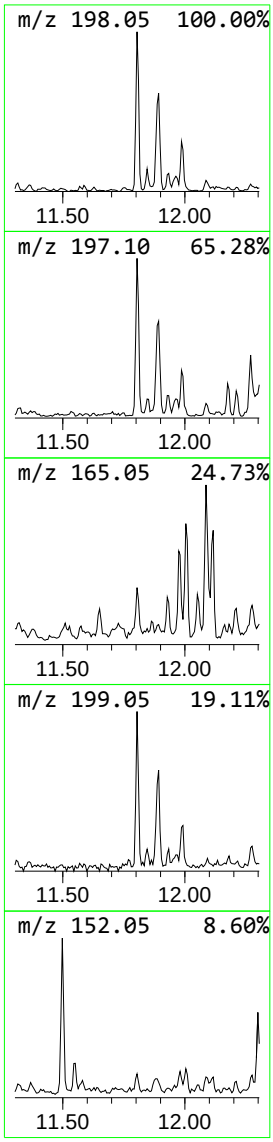
Peak Number 4 2-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	6.01 ng	153454	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
2	Thioxanthene	198	C13H10S	000261-31-4	89
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
Operator : CG\JU
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

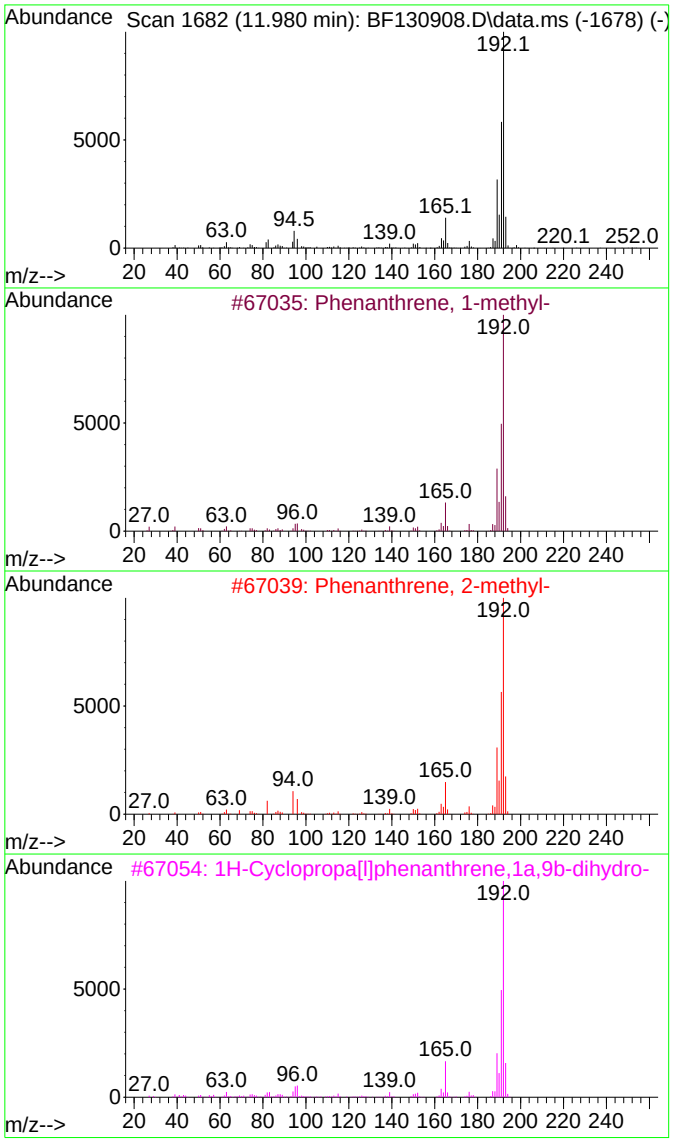
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

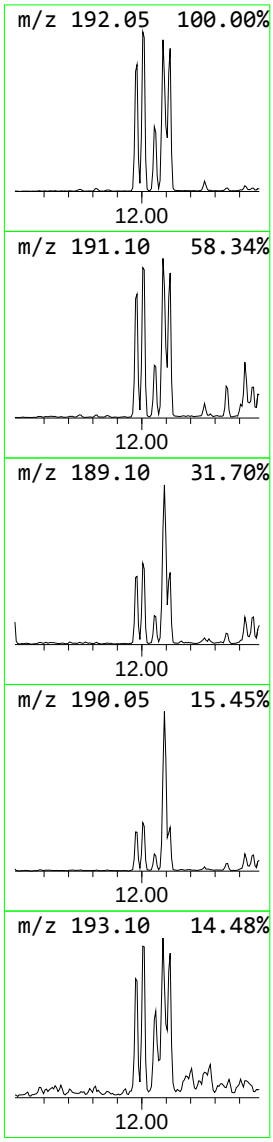
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	19.85 ng	506422	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
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ClientSampleId :
LSP-SS-04-05-15

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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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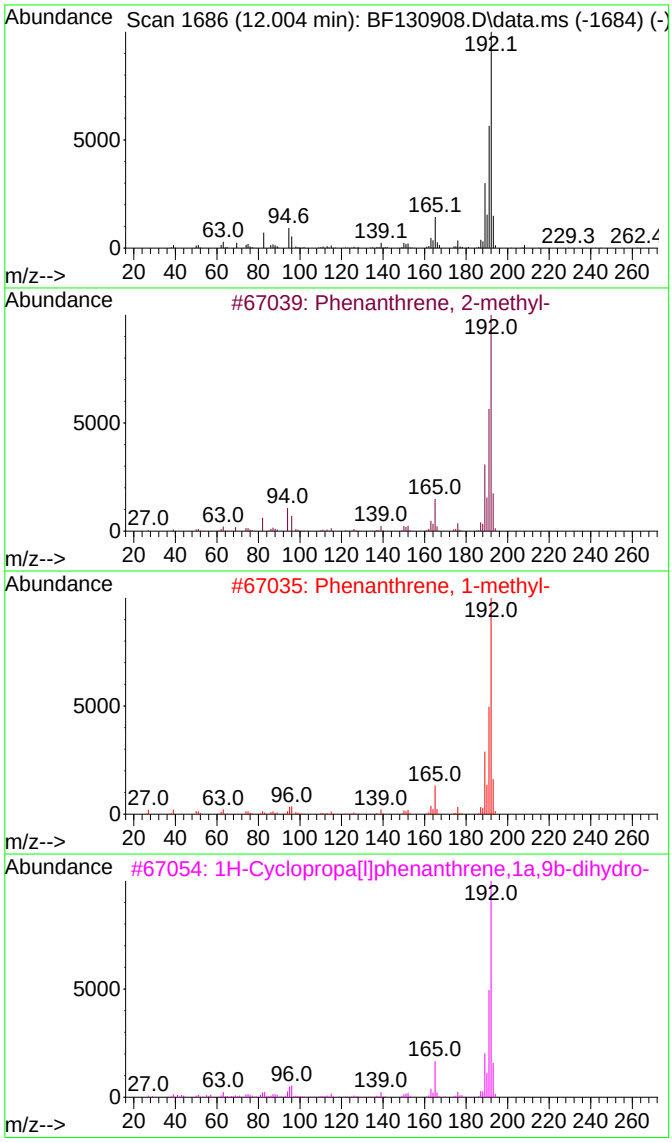
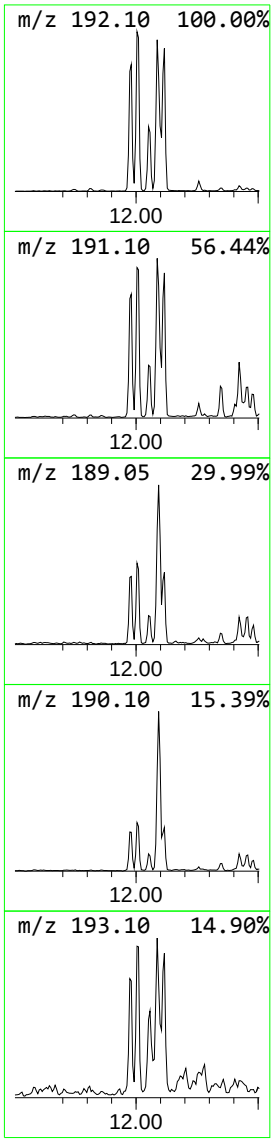
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	23.07 ng	588716	Phenanthrene-d10	11.475

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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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

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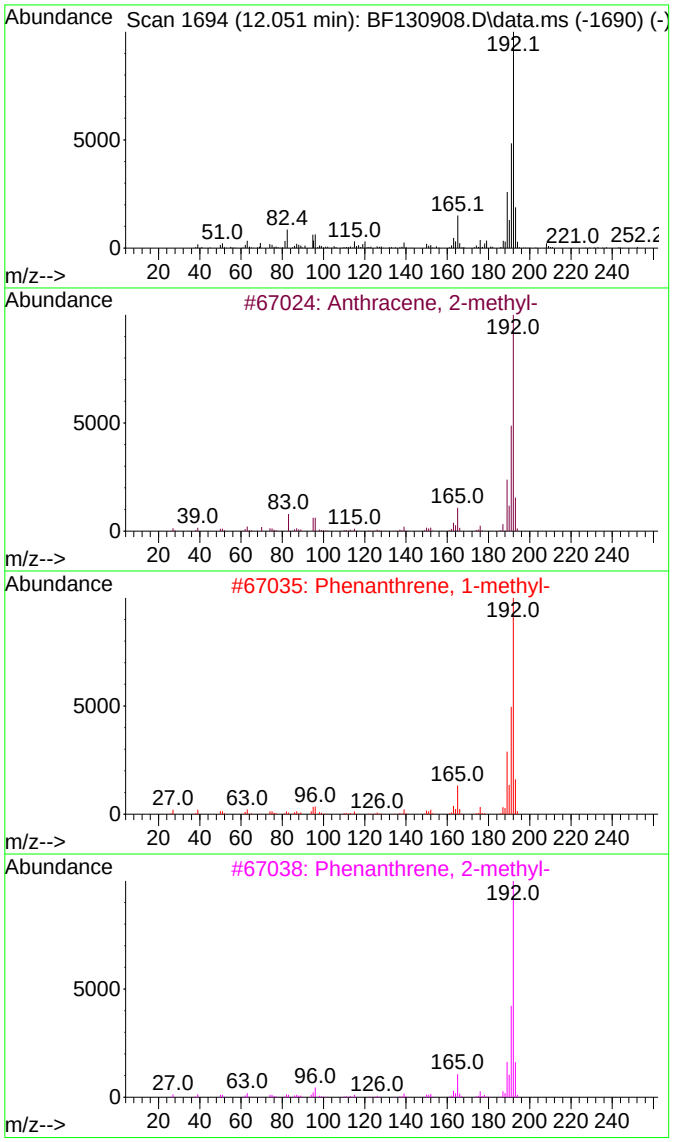
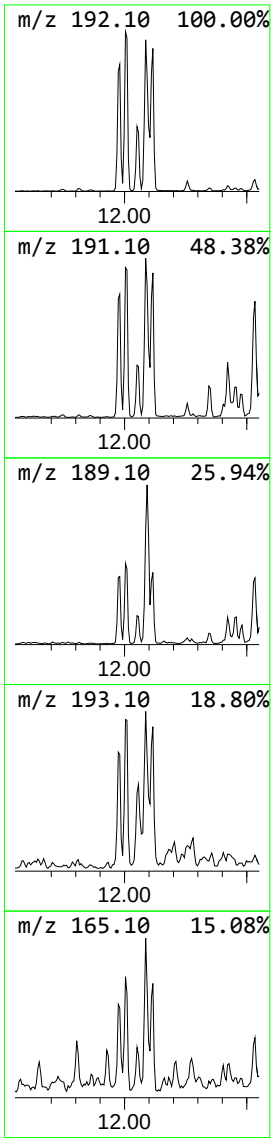
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	11.09 ng	282911	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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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

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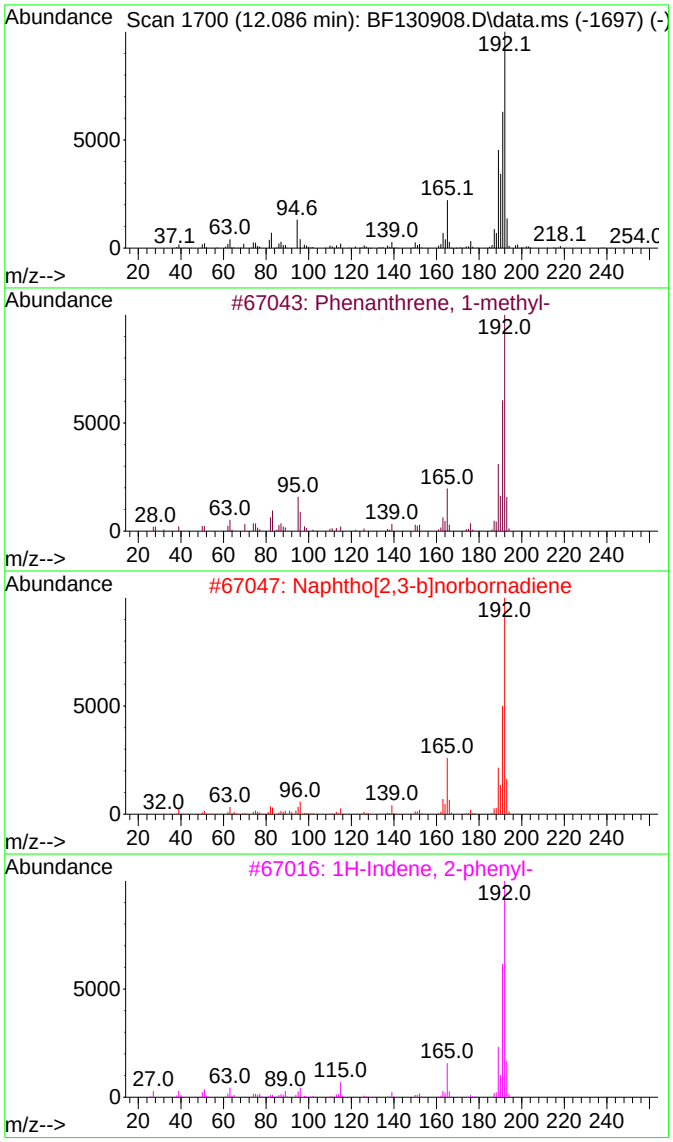
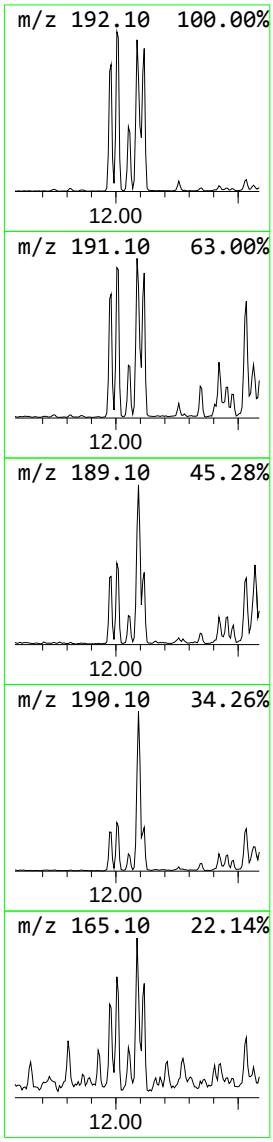
Peak Number 8 Naphtho[2,3-b]norbornadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	33.38 ng	851702	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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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

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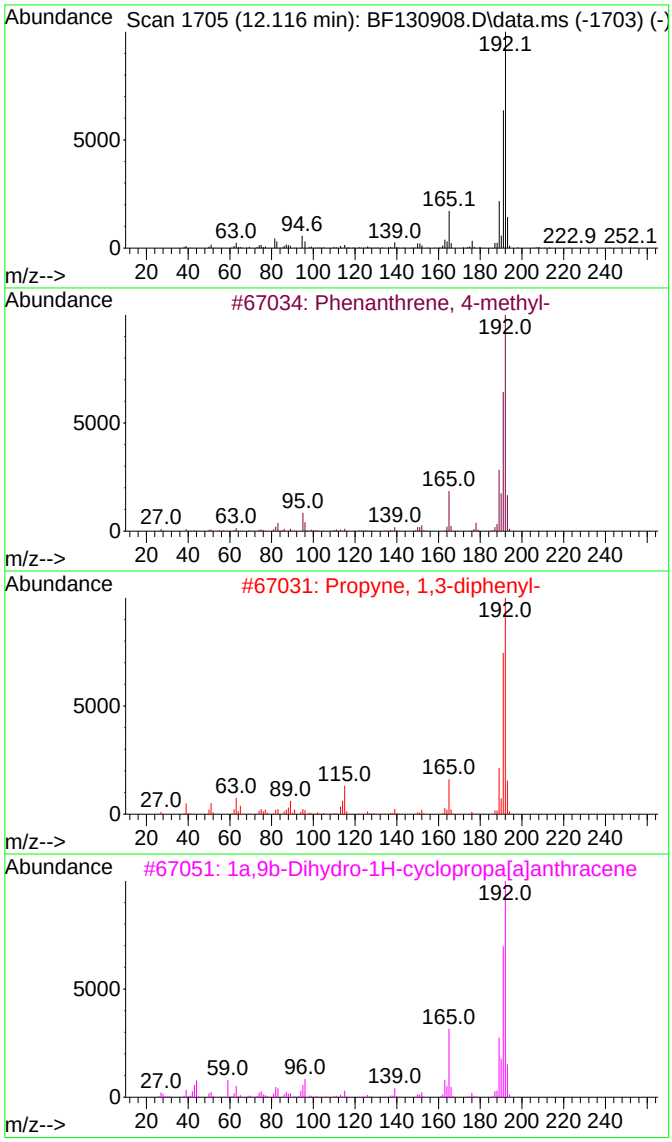
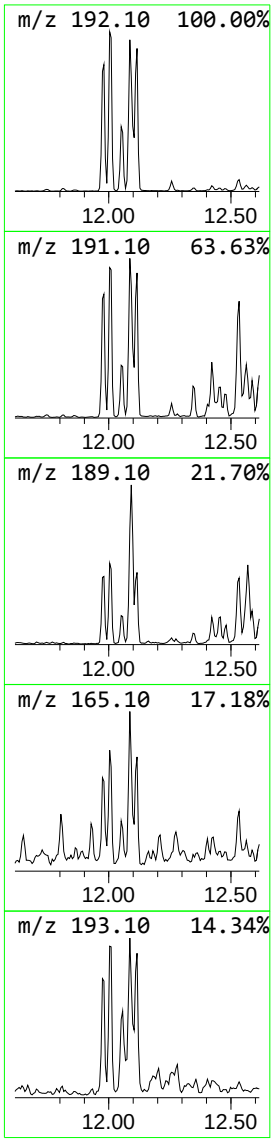
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	16.78 ng	428134	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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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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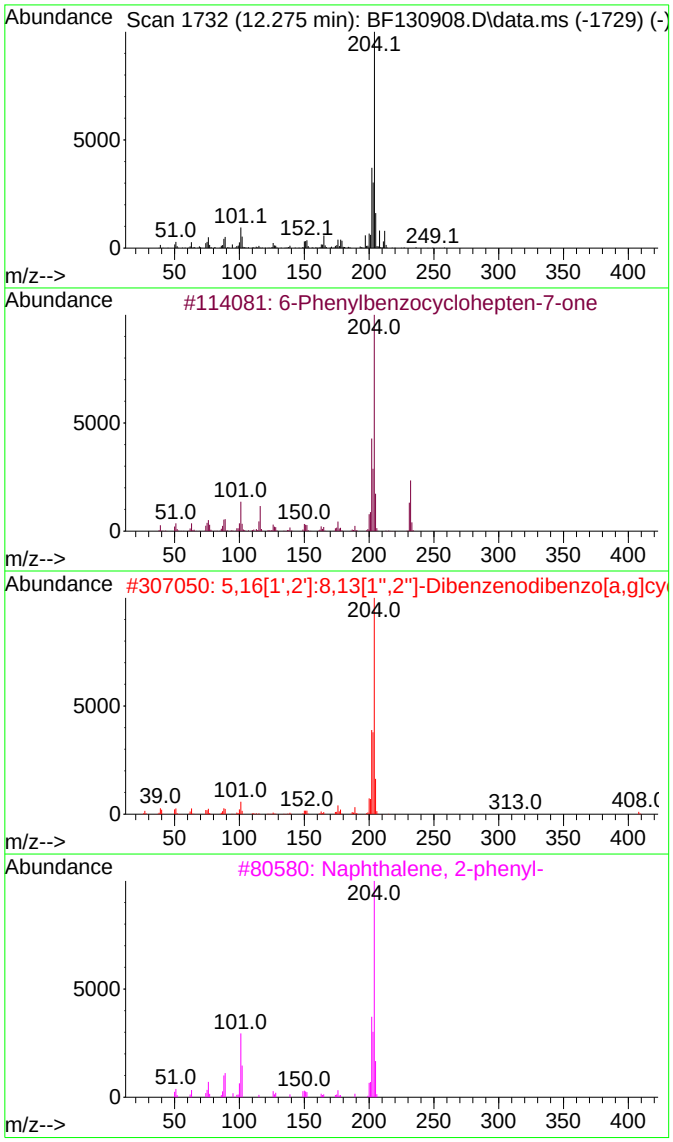
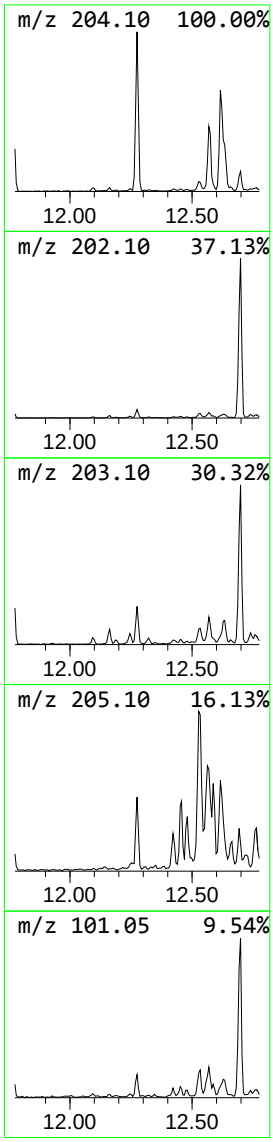
Peak Number 10 6-Phenylbenzocyclohepten-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	10.05 ng	256551	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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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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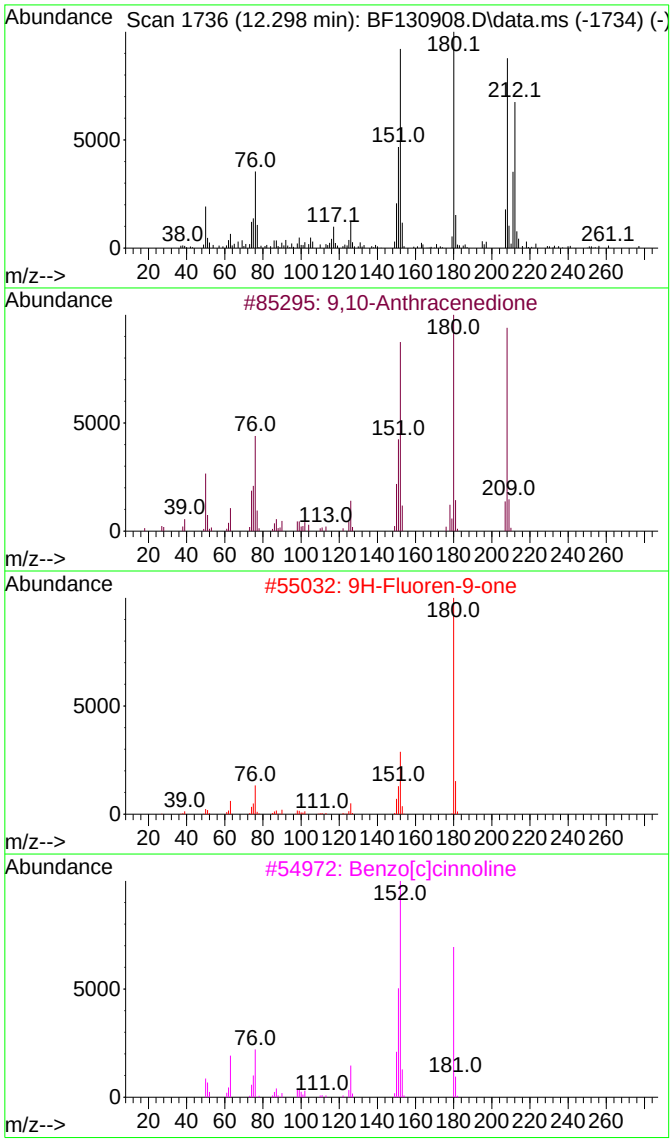
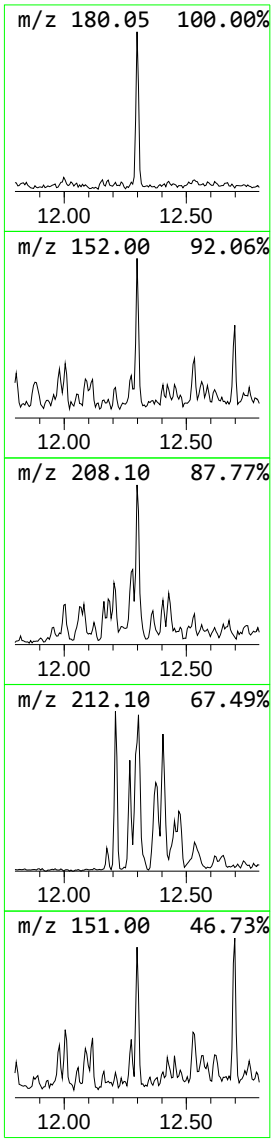
Peak Number 11 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	6.44 ng	164366	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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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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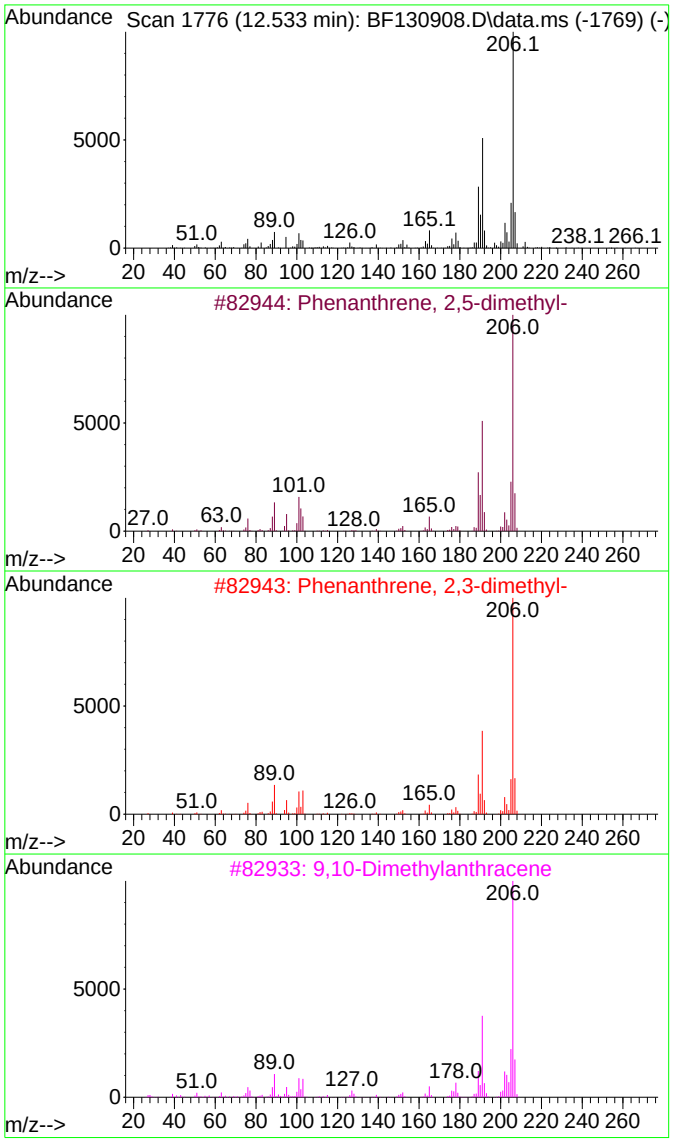
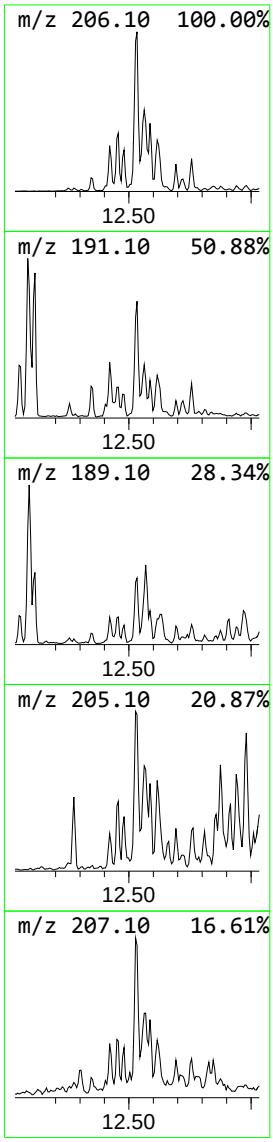
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	29.67 ng	757024	Phenanthrene-d10	11.475

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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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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

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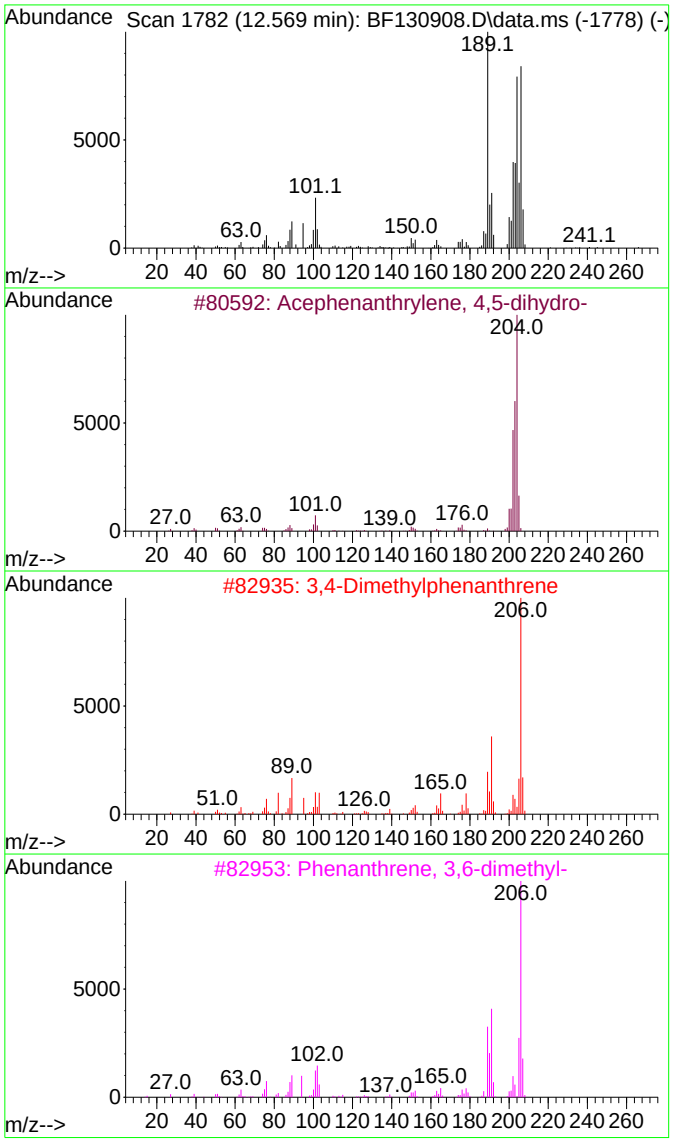
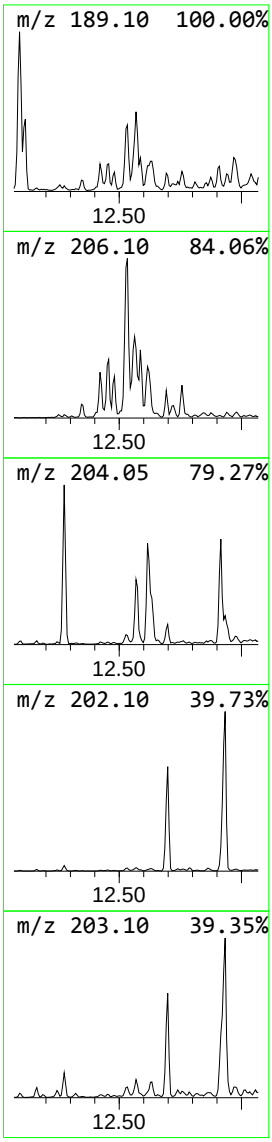
Peak Number 13 unknown12.569 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	16.85 ng	429970	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	38
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35





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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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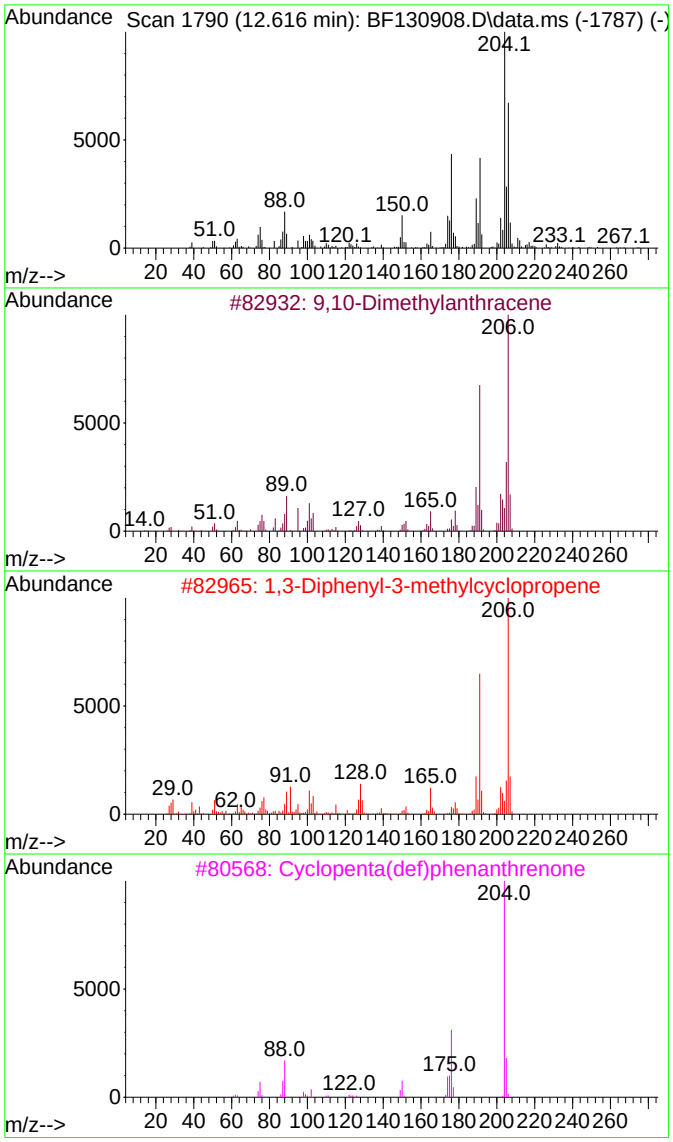
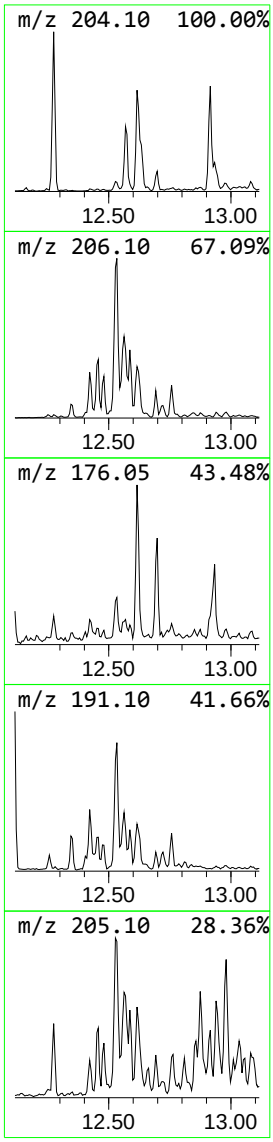
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	19.81 ng	505329	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	84
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	80
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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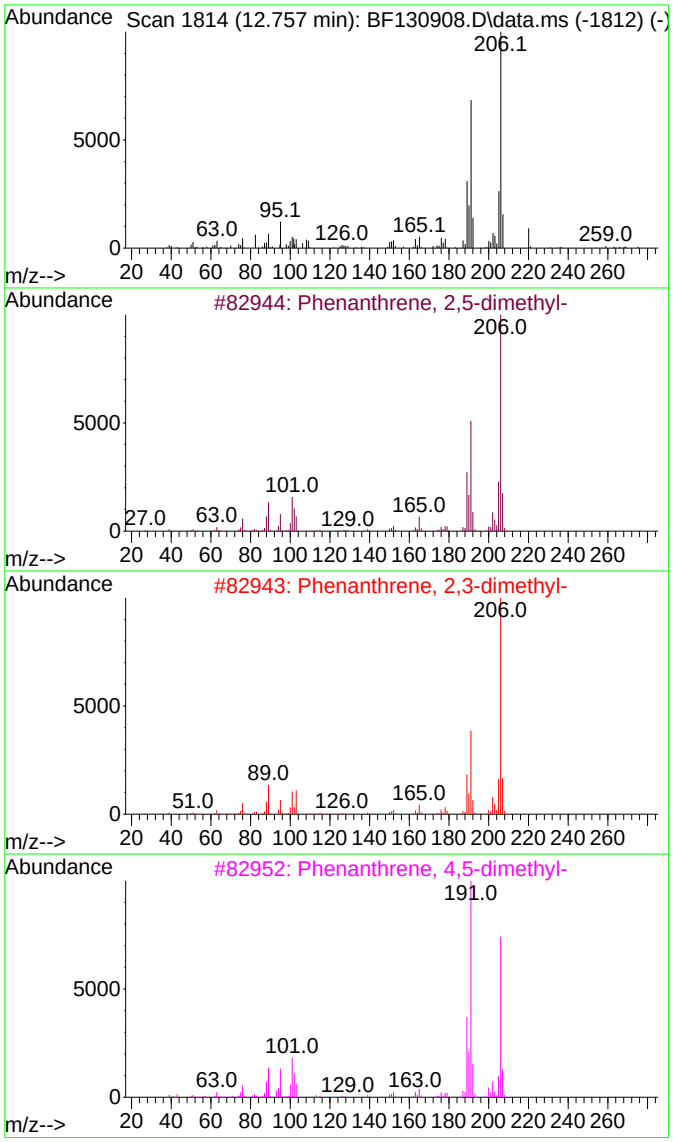
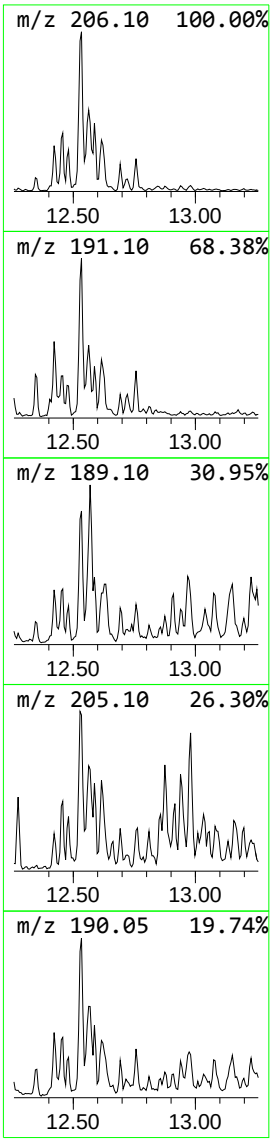
Peak Number 15 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	5.92 ng	151162	Phenanthrene-d10	11.475

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	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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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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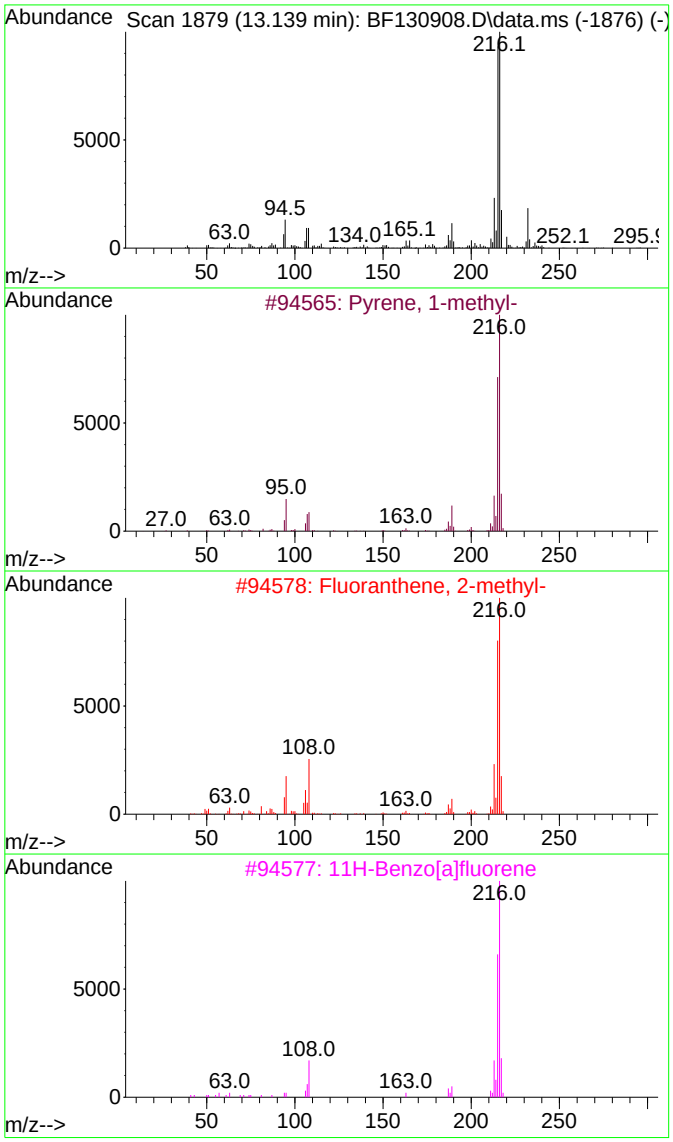
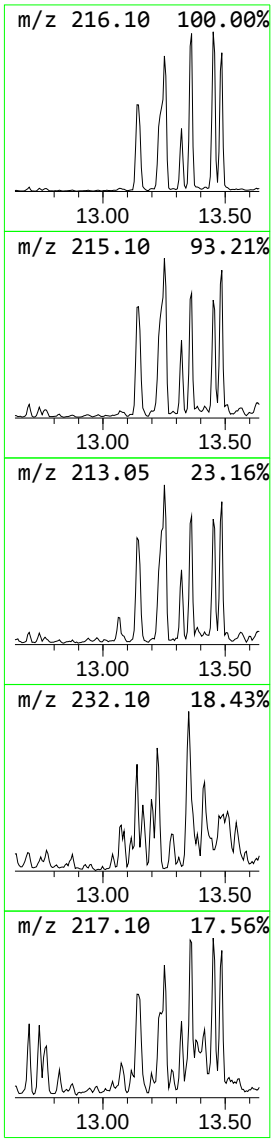
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	7.26 ng	791215	Chrysene-d12	14.133

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	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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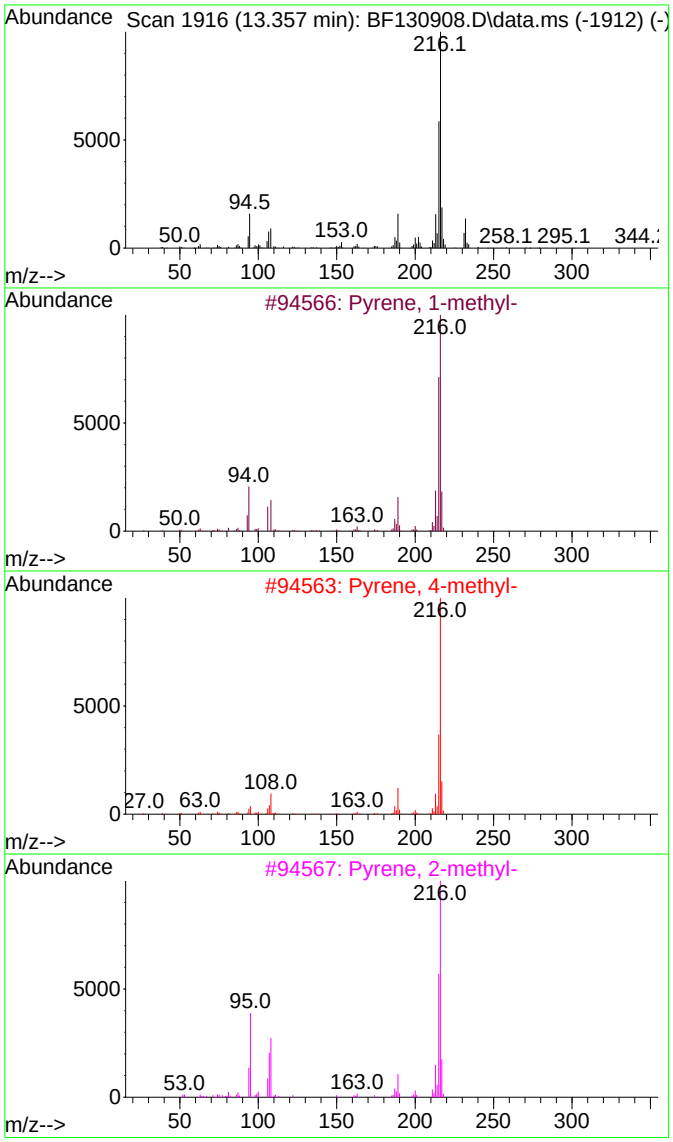
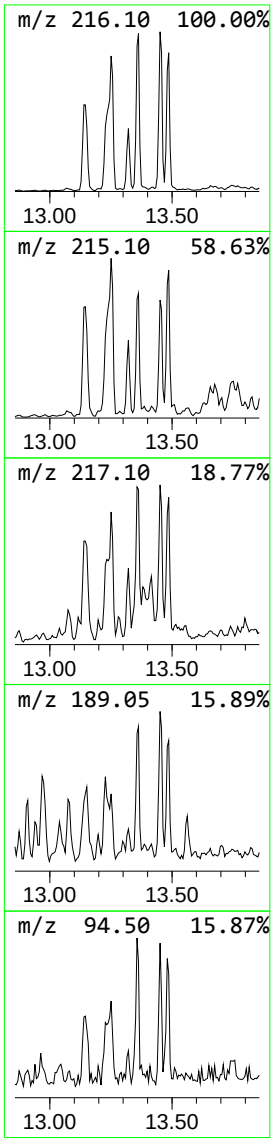
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	6.16 ng	671048	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
Operator : CG\JU
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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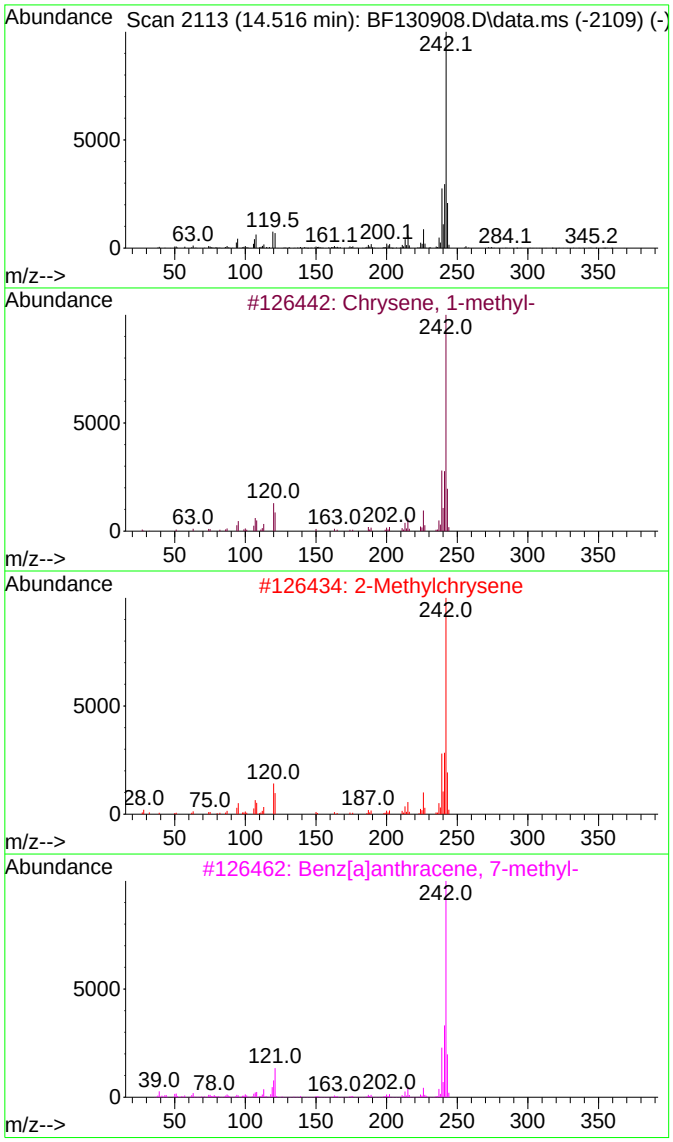
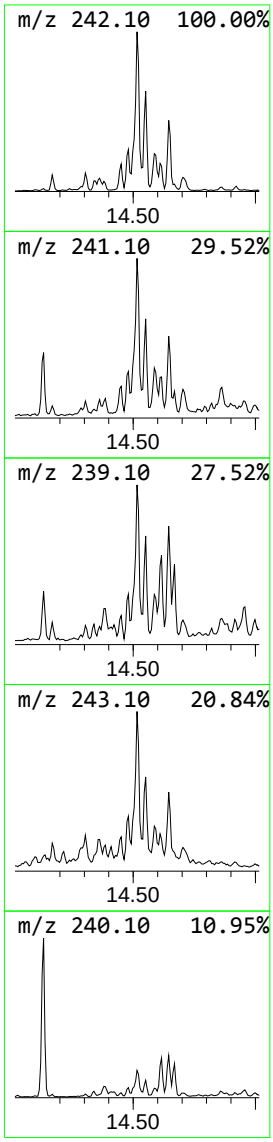
Peak Number 18 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.516	5.71 ng	622738	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93





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Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
Operator : CG\JU
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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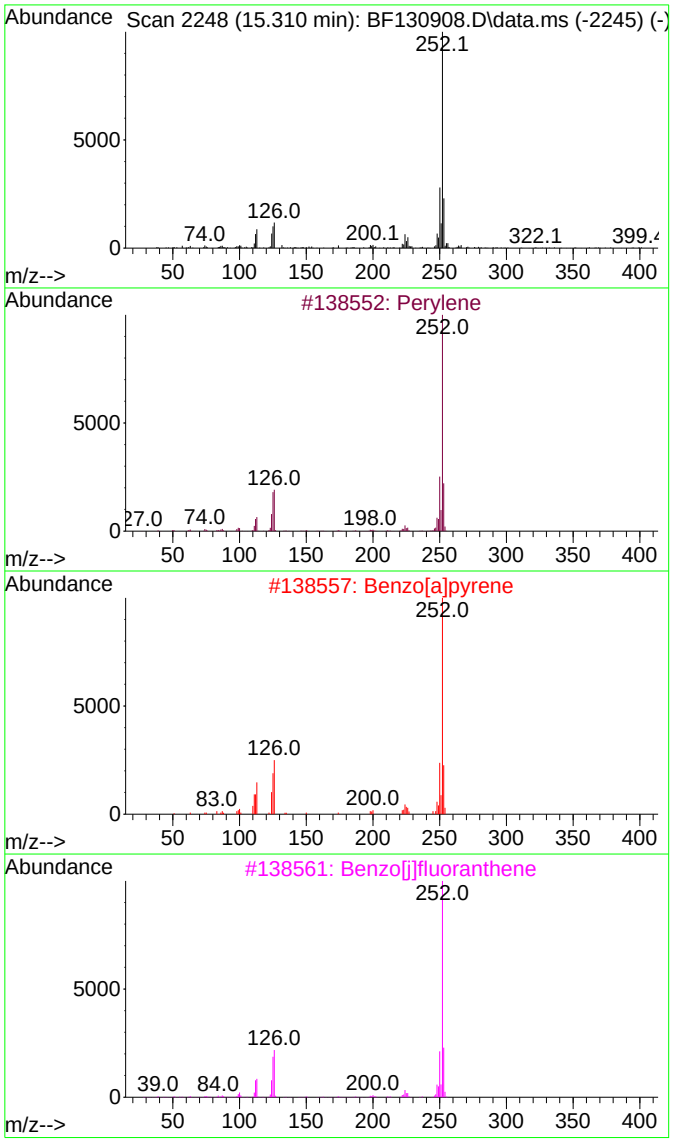
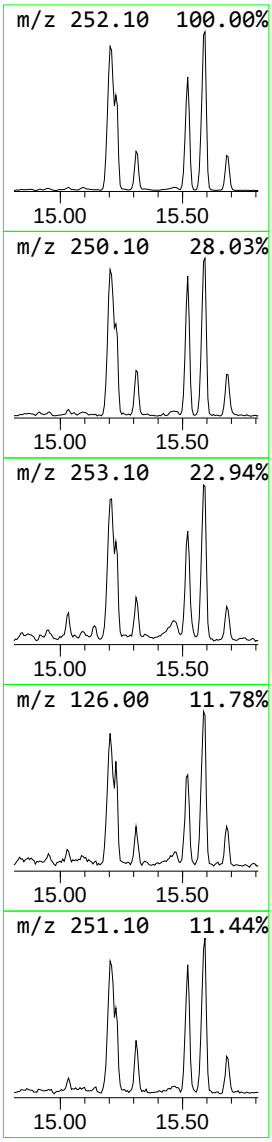
Peak Number 19 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	10.58 ng	193789	Perylene-d12	15.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
Operator : CG\JU
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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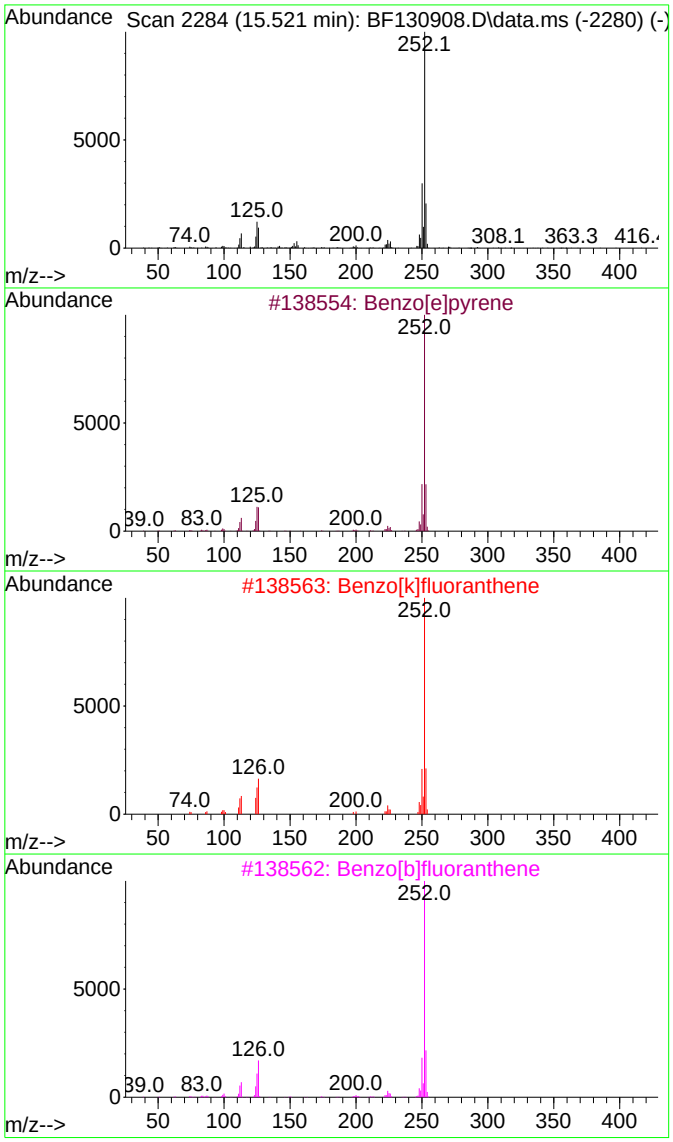
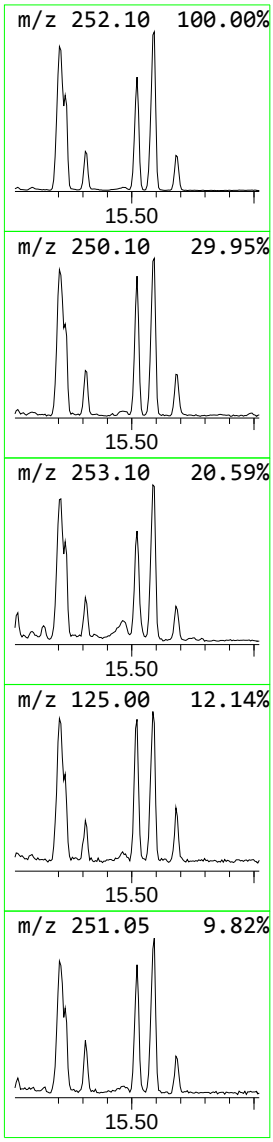
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.521	39.27 ng	719057	Perylene-d12	15.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130908.D
Acq On : 01 Nov 2022 19:26
Operator : CG\JU
Sample : N5234-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-04-05-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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...	2.246	24.2	ng	678230	1	6.934	560206	20.0
2-Pentanone, 4-...	5.163	6.5	ng	181754	1	6.934	560206	20.0
Chamazulene	10.892	7.5	ng	191478	4	11.475	510304	20.0
2-Methyldibenzo...	11.804	6.0	ng	153454	4	11.475	510304	20.0
Phenanthrene, 1...	11.980	19.9	ng	506422	4	11.475	510304	20.0
Phenanthrene, 2...	12.004	23.1	ng	588716	4	11.475	510304	20.0
Anthracene, 2-m...	12.051	11.1	ng	282911	4	11.475	510304	20.0
Naphtho[2,3-b]n...	12.086	33.4	ng	851702	4	11.475	510304	20.0
Phenanthrene, 4...	12.116	16.8	ng	428134	4	11.475	510304	20.0
6-Phenylbenzocy...	12.275	10.1	ng	256551	4	11.475	510304	20.0
9,10-Anthracene...	12.298	6.4	ng	164366	4	11.475	510304	20.0
Phenanthrene, 2...	12.533	29.7	ng	757024	4	11.475	510304	20.0
unknown12.569	12.569	16.9	ng	429970	4	11.475	510304	20.0
9,10-Dimethylan...	12.616	19.8	ng	505329	4	11.475	510304	20.0
Phenanthrene, 2...	12.757	5.9	ng	151162	4	11.475	510304	20.0
Pyrene, 1-methyl-	13.139	7.3	ng	791215	5	14.133	2180380	20.0
Pyrene, 4-methyl-	13.357	6.2	ng	671048	5	14.133	2180380	20.0
Chrysene, 1-met...	14.516	5.7	ng	622738	5	14.133	2180380	20.0
Perylene	15.310	10.6	ng	193789	6	15.651	366186	20.0
Benzo[e]pyrene	15.521	39.3	ng	719057	6	15.651	366186	20.0