LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	6	9	13	rBV	12735	16155	1.63%	0.133%
2	3.851	296	300	305	rVB	14227	18846	1.91%	0.155%
3	5.010	493	497	505	rBV	120995	146468	14.82%	1.207%
4	5.381	557	560	564	rBV	17497	17966	1.82%	0.148%
5	5.428	564	568	582	rVV	1053228	928428	93.91%	7.651%
6	5.634	600	603	607	rBV2	26332	29675	3.00%	0.245%
7	6.434	735	739	749	rBV	990003	892439	90.27%	7.354%
8	6.616	765	770	775	rBV2	30357	43366	4.39%	0.357%
9	6.781	795	798	802	rBV	392196	317880	32.15%	2.619%
10	7.045	838	843	848	rBV2	13970	17719	1.79%	0.146%
11	7.345	890	894	897	rBV	737013	595059	60.19%	4.903%
12	7.634	941	943	947	rVB	17705	16922	1.71%	0.139%
13	7.857	977	981	989	rVB5	13561	19719	1.99%	0.162%
14	8.057	1012	1015	1018	rBV	444752	364717	36.89%	3.005%
15	8.081	1018	1019	1022	rVB	45021	23160	2.34%	0.191%
16	8.275	1050	1052	1059	rVB	19967	17400	1.76%	0.143%
17	8.333	1059	1062	1067	rBV	23340	24152	2.44%	0.199%
18	8.769	1133	1136	1141	rBV2	40078	38278	3.87%	0.315%
19	8.869	1150	1153	1157	rBV	39386	32180	3.26%	0.265%
20	9.133	1194	1198	1201	rBV	1218805	988600	100.00%	8.146%
21	9.216	1208	1212	1214	rBV	15679	13719	1.39%	0.113%
22	9.404	1240	1244	1247	rVB	13651	16083	1.63%	0.133%
23	9.475	1252	1256	1258	rBV	27993	28402	2.87%	0.234%
24	9.498	1258	1260	1264	rVV	23350	23950	2.42%	0.197%
25	9.533	1264	1266	1273	rVB2	17600	17858	1.81%	0.147%
26	9.592	1273	1276	1281	rBV	16277	17617	1.78%	0.145%
27	9.675	1287	1290	1295	rBV	31341	26621	2.69%	0.219%
28	9.816	1310	1314	1317	rBV	470857	365724	36.99%	3.014%
29	9.845	1317	1319	1323	rVB2	16048	18211	1.84%	0.150%
30	9.916	1326	1331	1336	rVB4	13368	20201	2.04%	0.166%
31	9.975	1336	1341	1346	rBV6	6241	14758	1.49%	0.122%
32	10.022	1346	1349	1353	rVV	20448	19921	2.02%	0.164%
33	10.133	1365	1368	1371	rBV2	13988	15239	1.54%	0.126%
34	10.222	1380	1383	1385	rBV2	16334	19177	1.94%	0.158%
35	10.245	1385	1387	1389	rVB2	23195	17160	1.74%	0.141%
36	10.357	1403	1406	1414	rVB2	19919	24097	2.44%	0.199%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.522	1431	1434	1437	rBV2	16241	18013	1.82%	0.148%
38	10.610	1445	1449	1460	rVB	628480	553256	55.96%	4.559%
39	10.733	1465	1470	1477	rVB4	35354	50705	5.13%	0.418%
40	10.916	1496	1501	1504	rBV4	11130	14328	1.45%	0.118%
41	11.045	1518	1523	1525	rBV4	15362	17507	1.77%	0.144%
42	11.116	1533	1535	1539	rVV	15339	14337	1.45%	0.118%
43	11.169	1539	1544	1547	rVV4	25201	33794	3.42%	0.278%
44	11.204	1547	1550	1555	rVB	22525	24268	2.45%	0.200%
45	11.310	1564	1568	1570	rBV	417826	354993	35.91%	2.925%
46	11.333	1570	1572	1575	rVV	249762	188394	19.06%	1.552%
47	11.386	1578	1581	1584	rVB	51430	40593	4.11%	0.334%
48	11.551	1604	1609	1612	rBV2	16711	21079	2.13%	0.174%
49	11.604	1615	1618	1622	rVV	28136	26299	2.66%	0.217%
50	11.645	1622	1625	1630	rVB3	12662	16192	1.64%	0.133%
51	11.816	1650	1654	1656	rBV	53538	51361	5.20%	0.423%
52	11.845	1656	1659	1664	rVV	184448	196657	19.89%	1.621%
53	11.886	1664	1666	1669	rVV	28060	31570	3.19%	0.260%
54	11.921	1669	1672	1675	rVV2	78887	89070	9.01%	0.734%
55	11.951	1675	1677	1681	rVB	47747	40108	4.06%	0.331%
56	12.010	1683	1687	1691	rVV4	16325	19172	1.94%	0.158%
57	12.110	1702	1704	1707	rVV	42794	32937	3.33%	0.271%
58	12.139	1707	1709	1714	rVB	29385	30827	3.12%	0.254%
59	12.292	1732	1735	1737	rVB2	16232	14480	1.46%	0.119%
60	12.368	1744	1748	1750	rBV	51764	52284	5.29%	0.431%
61	12.404	1750	1754	1756	rVV3	40891	42995	4.35%	0.354%
62	12.421	1756	1757	1760	rVB	20544	15422	1.56%	0.127%
63	12.457	1760	1763	1766	rBV2	38410	41820	4.23%	0.345%
64	12.527	1772	1775	1779	rBV	458249	391874	39.64%	3.229%
65	12.574	1779	1783	1785	rVV3	13498	15948	1.61%	0.131%
66	12.627	1789	1792	1796	rBV	48255	57672	5.83%	0.475%
67	12.763	1809	1815	1820	rVV	411485	445443	45.06%	3.671%
68	12.810	1820	1823	1827	rVB3	24448	36564	3.70%	0.301%
69	12.904	1835	1839	1842	rBV	991283	777249	78.62%	6.405%
70	12.980	1848	1852	1857	rBV3	39182	67259	6.80%	0.554%
71	13.068	1864	1867	1868	rBV3	38566	42480	4.30%	0.350%
72	13.133	1875	1878	1880	rBV3	29081	27698	2.80%	0.228%
73	13.157	1880	1882	1884	rVB	19170	14785	1.50%	0.122%
74	13.192	1884	1888	1891	rBV2	58785	66410	6.72%	0.547%
75	13.286	1901	1904	1907	rBV	43756	42457	4.29%	0.350%
76	13.321	1907	1910	1913	rBV	43129	40312	4.08%	0.332%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.480	1933	1937	1940	rBV4	31176	47347	4.79%	0.390%
78	13.604	1955	1958	1963	rVB	60658	55083	5.57%	0.454%
79	13.715	1974	1977	1979	rVB	45085	36384	3.68%	0.300%
80	13.739	1979	1981	1983	rVB	36026	26636	2.69%	0.219%
81	13.768	1983	1986	1991	rBV3	25764	36089	3.65%	0.297%
82	13.815	1991	1994	1997	rVB2	59983	59280	6.00%	0.488%
83	13.880	2001	2005	2008	rBV5	21806	35522	3.59%	0.293%
84	13.968	2013	2020	2022	rBV2	500527	651300	65.88%	5.367%
85	13.992	2022	2024	2032	rVB	242115	229106	23.17%	1.888%
86	14.062	2032	2036	2040	rBV3	37718	58668	5.93%	0.483%
87	14.127	2044	2047	2052	rBV5	33687	51557	5.22%	0.425%
88	14.321	2077	2080	2082	rBV	27213	29945	3.03%	0.247%
89	14.357	2084	2086	2089	rVV	61443	54653	5.53%	0.450%
90	14.392	2090	2092	2094	rVV	31142	26678	2.70%	0.220%
91	14.433	2097	2099	2104	rVB4	38447	51960	5.26%	0.428%
92	14.486	2105	2108	2110	rBV2	27111	26849	2.72%	0.221%
93	14.745	2150	2152	2156	rBV3	30592	32094	3.25%	0.264%
94	15.021	2194	2199	2202	rBV	198588	310856	31.44%	2.562%
95	15.133	2215	2218	2222	rBV	29959	37510	3.79%	0.309%
96	15.327	2247	2251	2257	rVB	128102	158475	16.03%	1.306%
97	15.392	2258	2262	2268	rVB	160069	201157	20.35%	1.658%
98	15.457	2268	2273	2276	rBV	338748	412732	41.75%	3.401%
99	16.968	2526	2530	2538	rVB2	71336	138018	13.96%	1.137%
100	17.433	2604	2609	2615	rVB	51880	101112	10.23%	0.833%

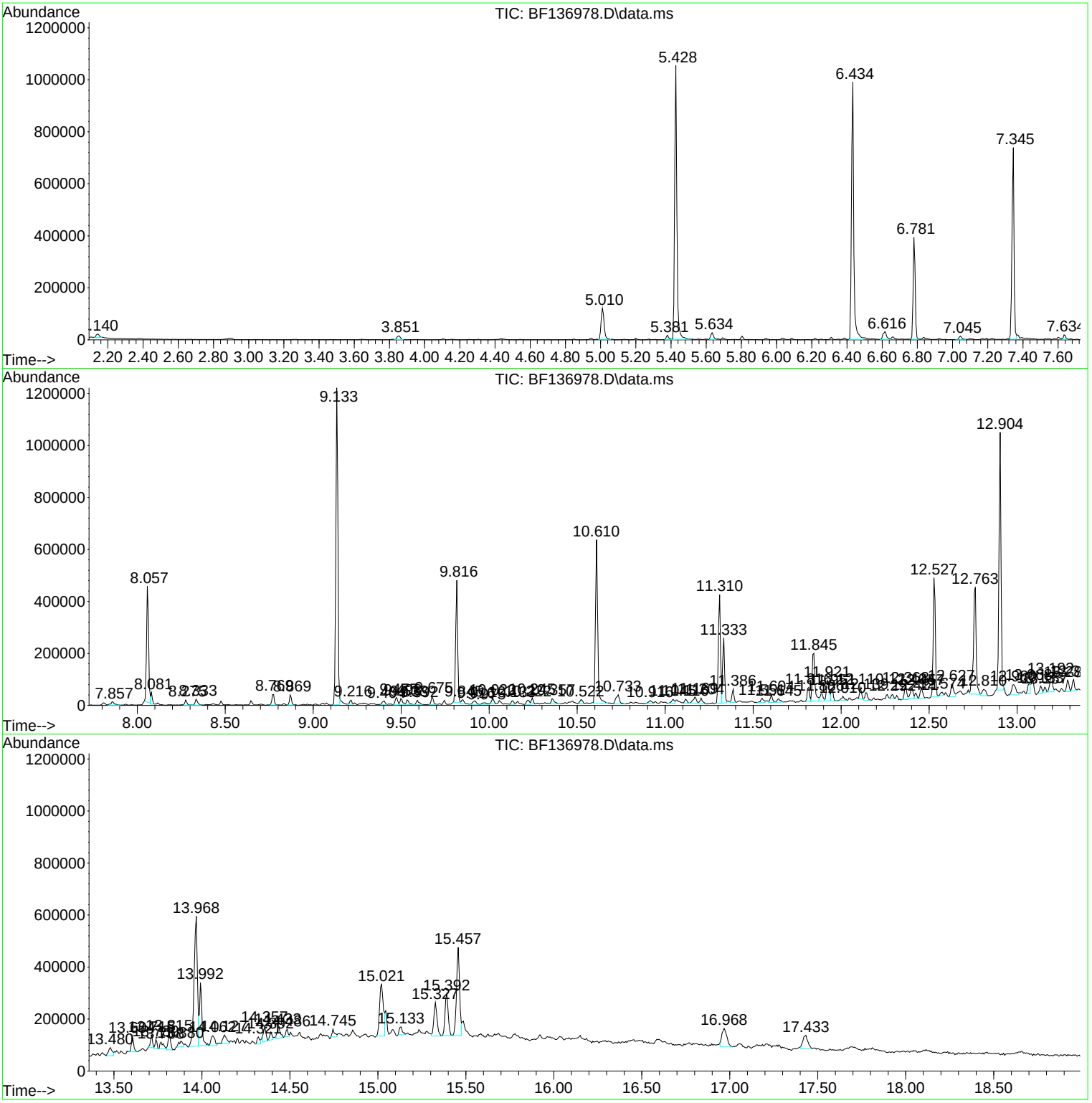
Sum of corrected areas: 12135490

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
72-11978

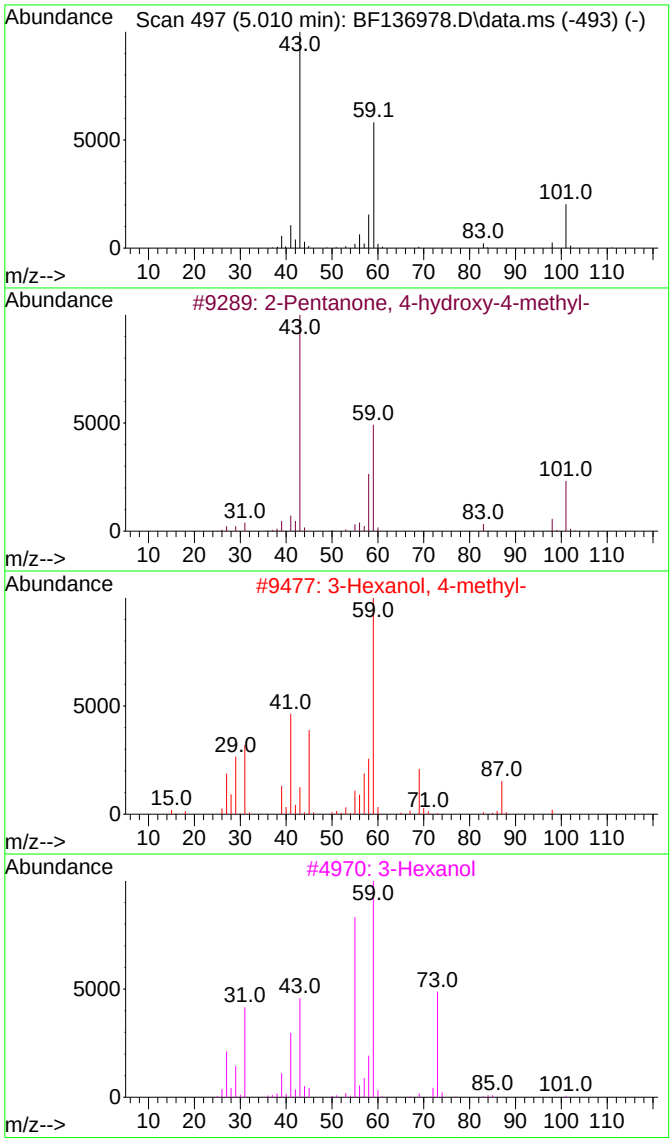
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

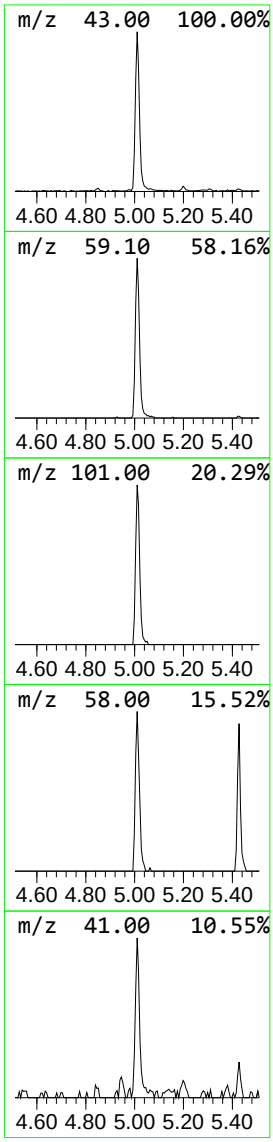
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	9.22 ng	146468	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

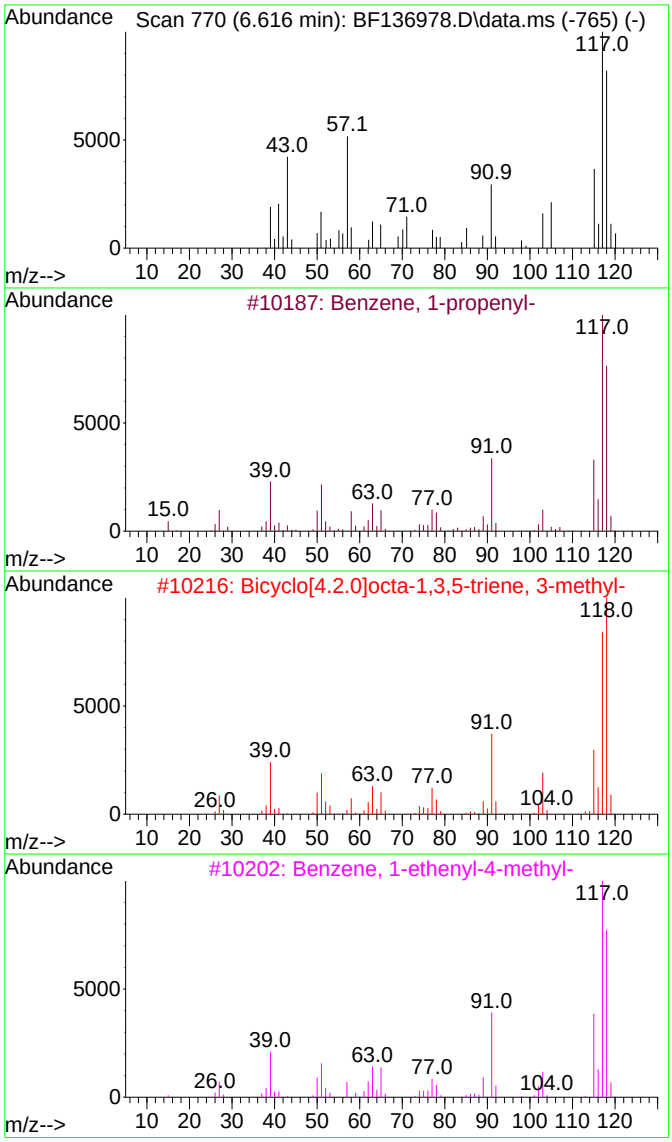
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

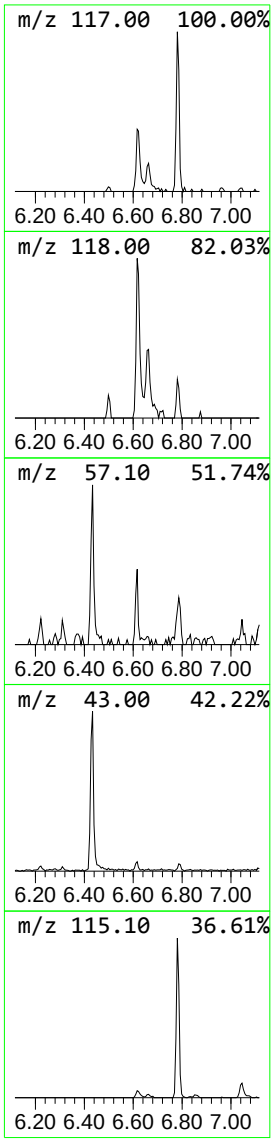
****

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	2.73 ng	43366	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	76
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

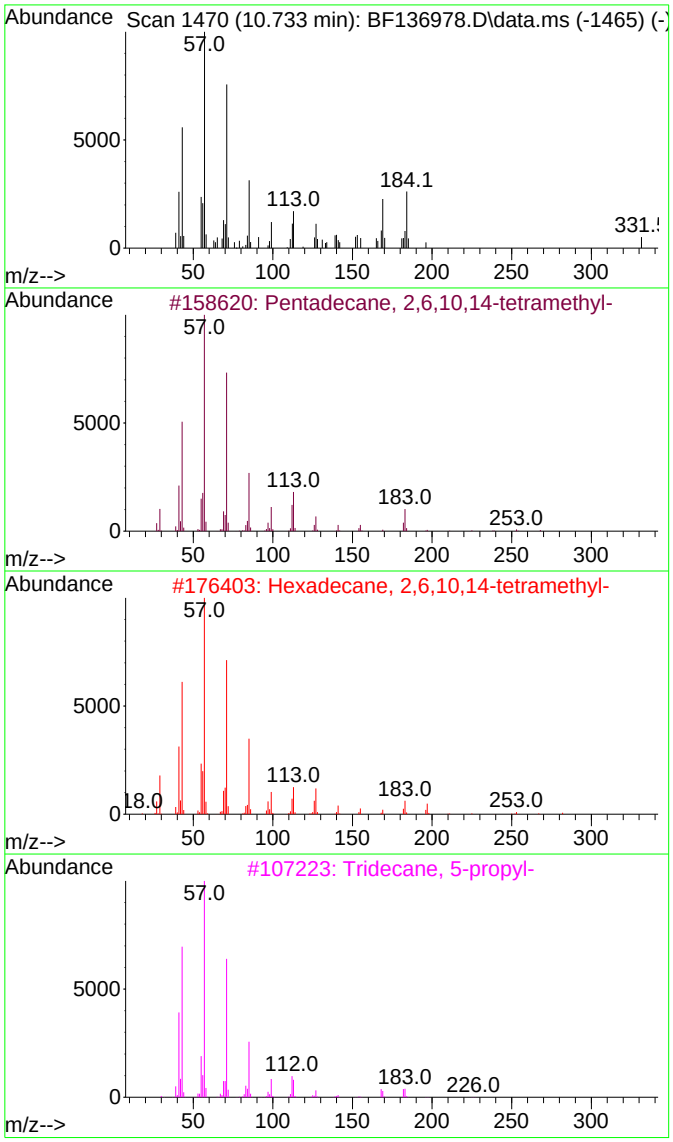
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

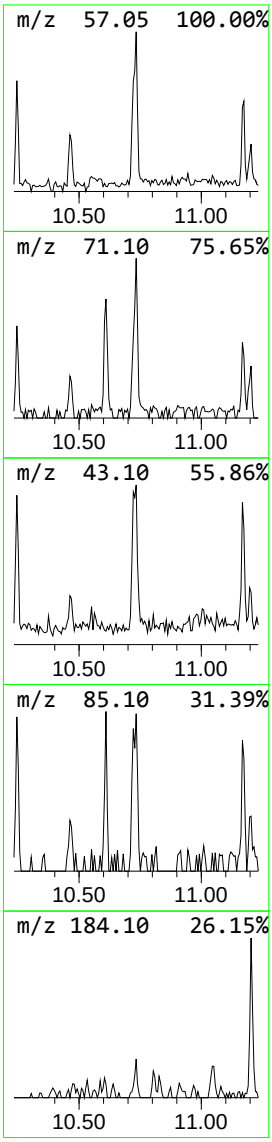
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	2.86 ng	50705	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

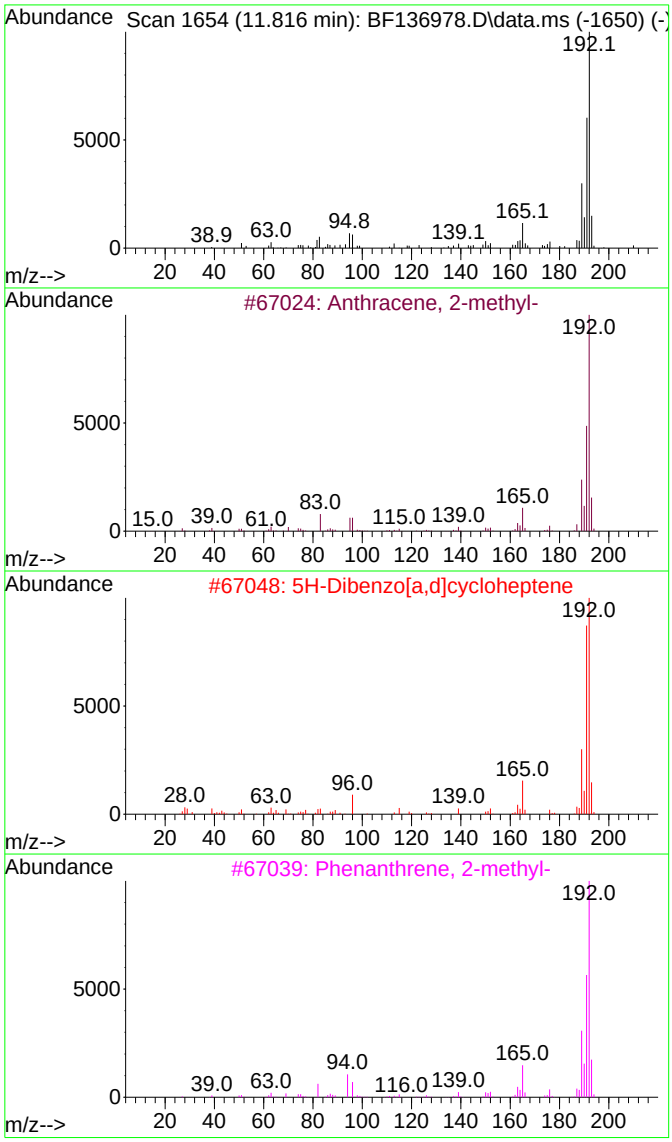
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

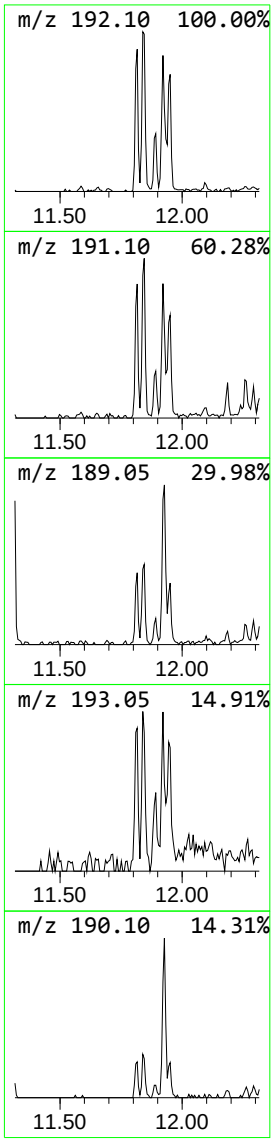
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	2.89 ng	51361	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

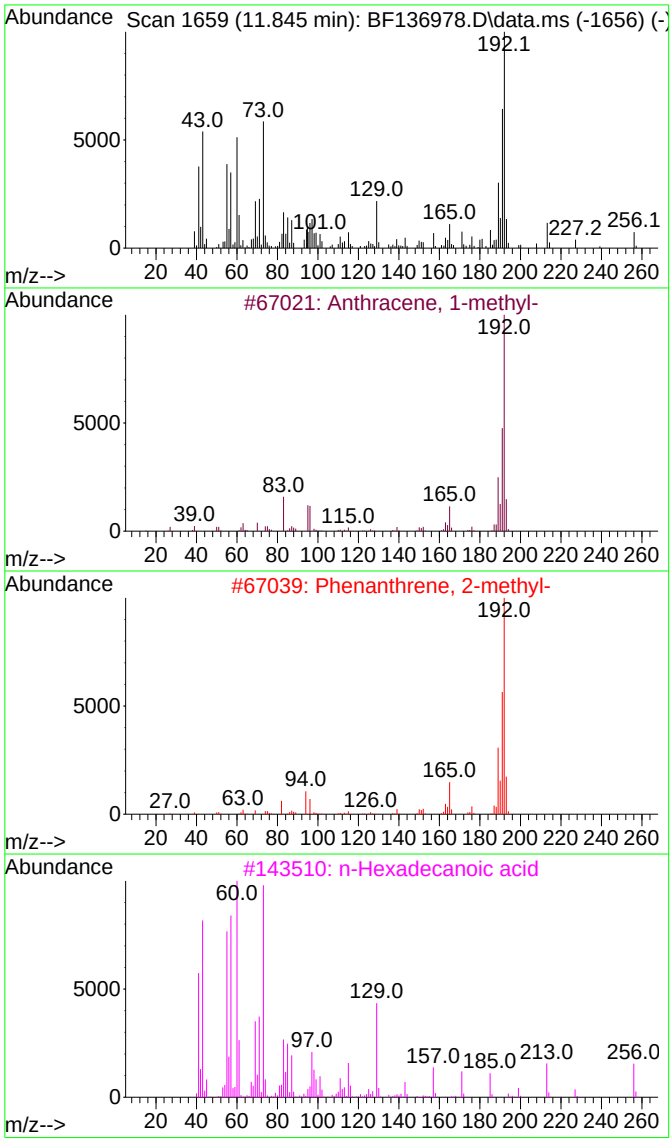
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

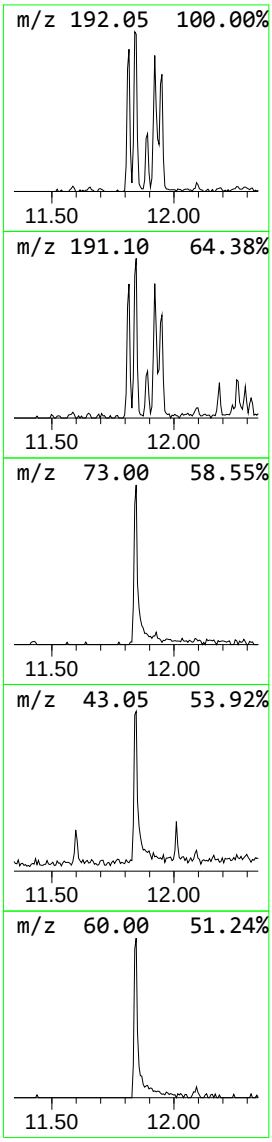
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	11.08 ng	196657	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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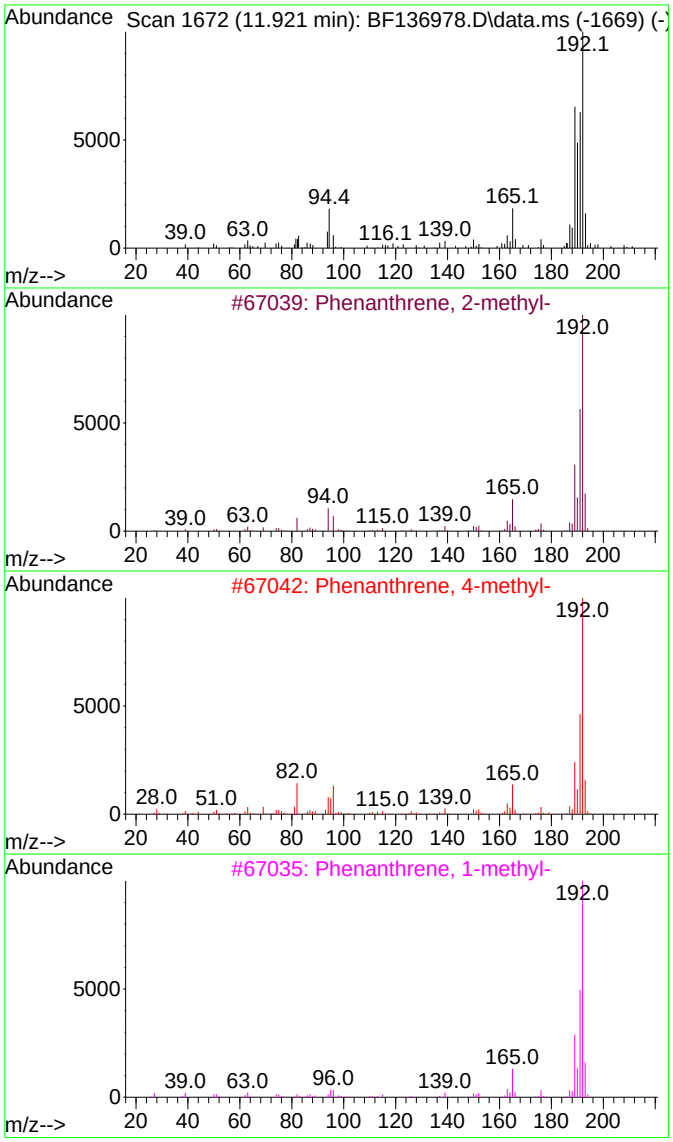
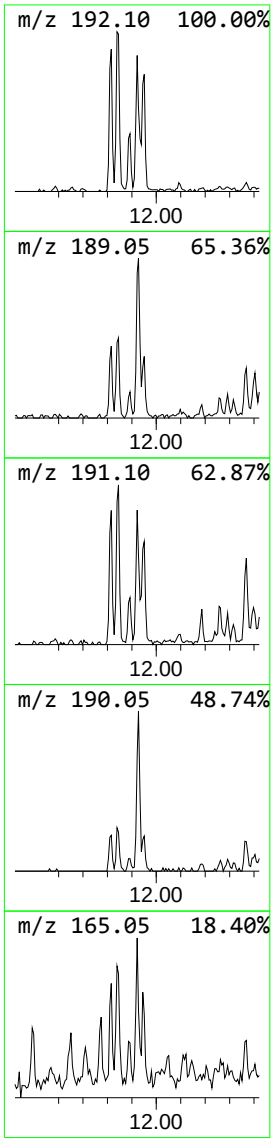
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.02 ng	89070	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





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Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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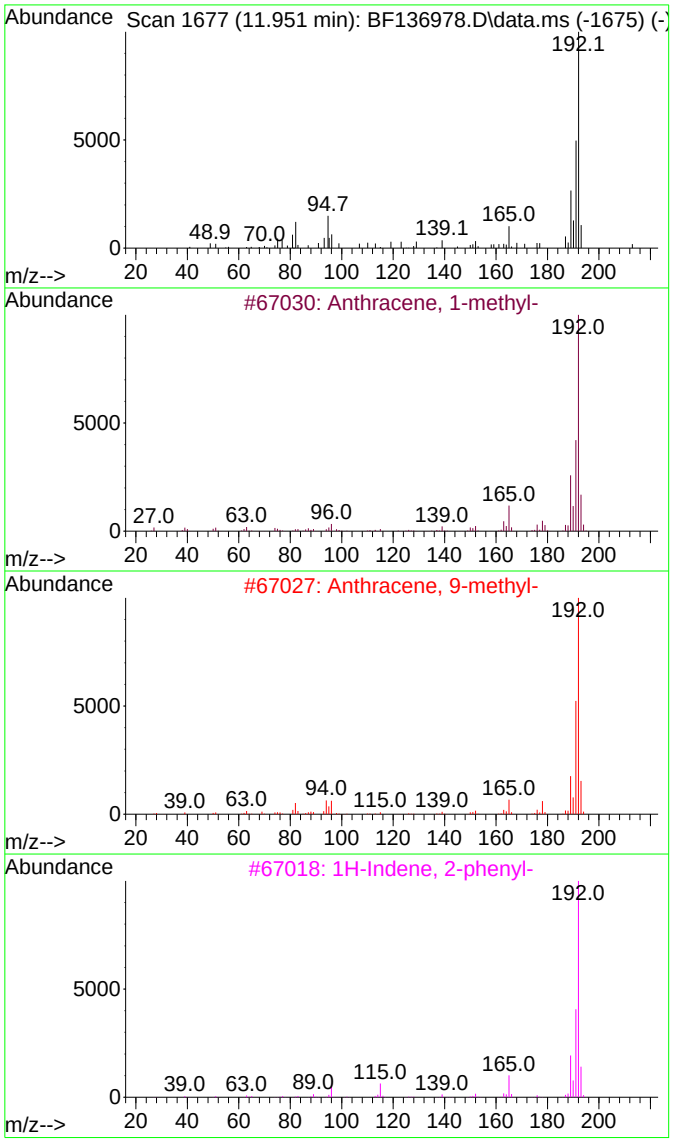
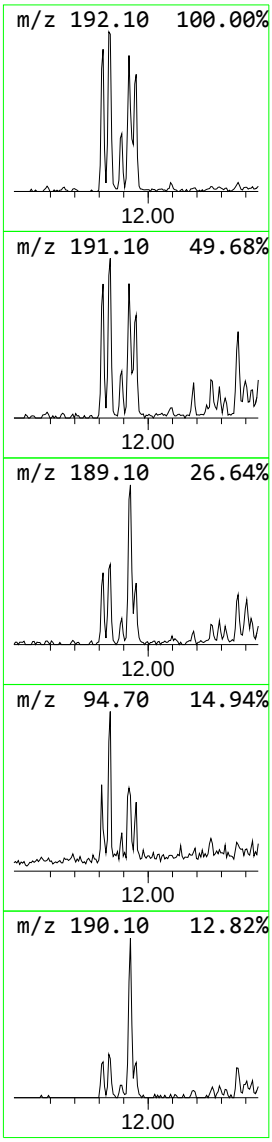
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.26 ng	40108	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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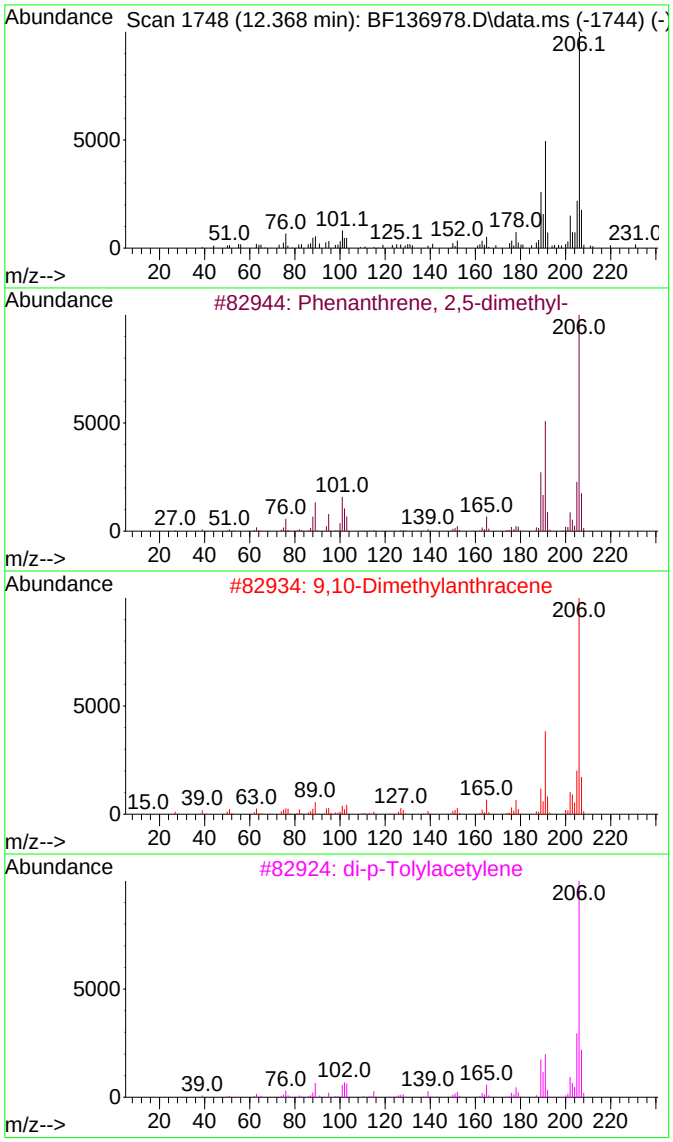
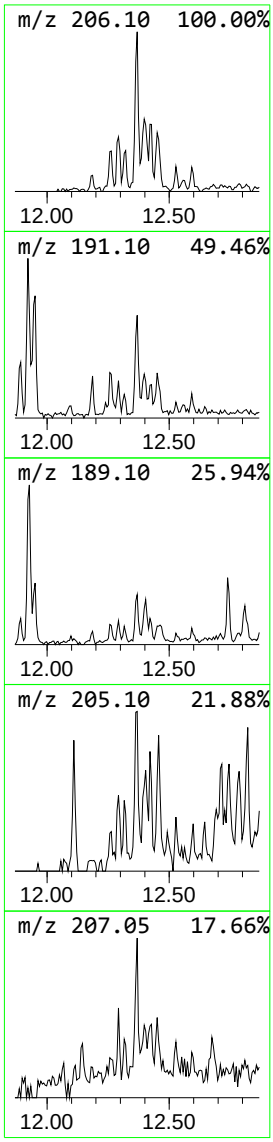
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.95 ng	52284	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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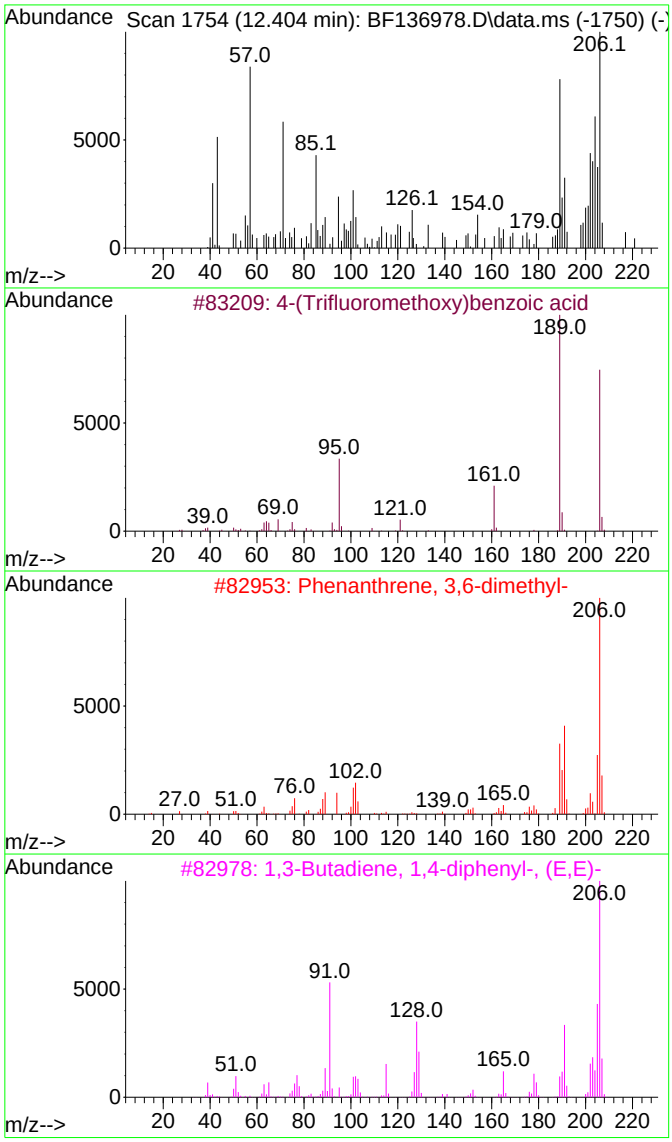
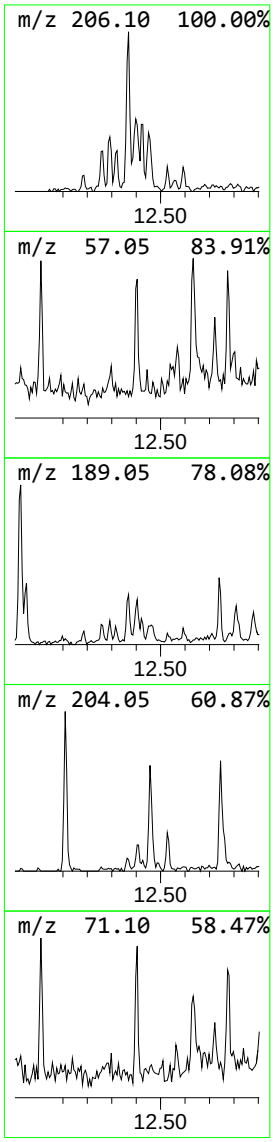
Peak Number 10 unknown12.404 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	2.42 ng	42995	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25
4	3-Amino-5-bromo-2-fluoropyridine...	204	C6H6BrFN2	1000496-58-8	25
5	7-Methoxy-6-methyl-2,4-pteridine...	206	C8H10N6O	343347-40-0	20





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Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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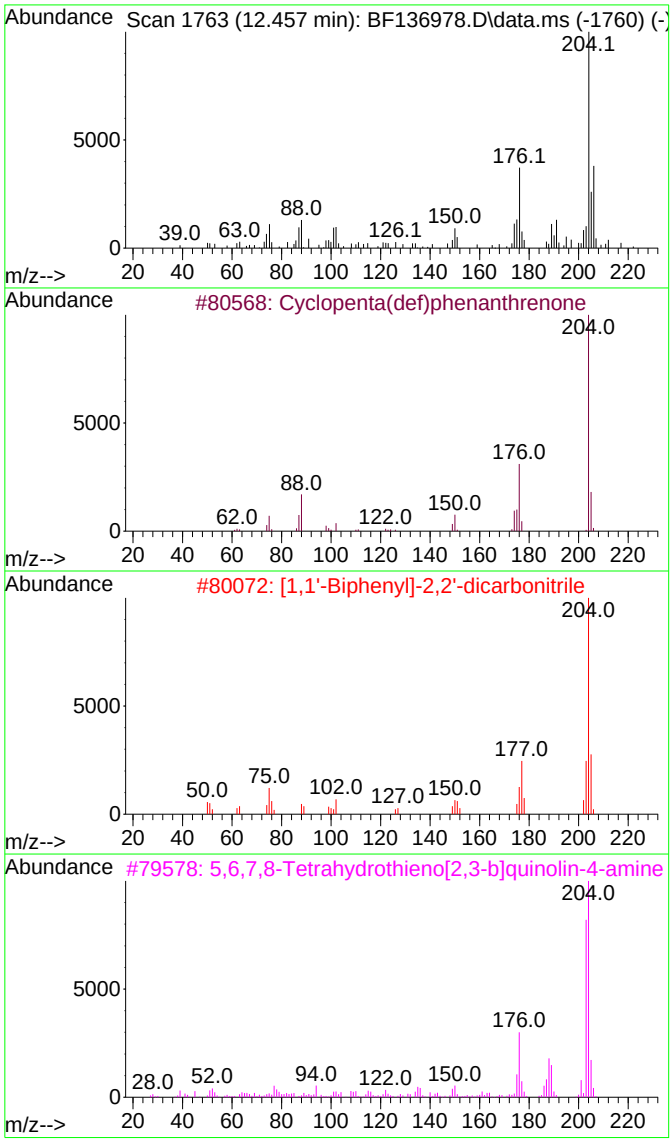
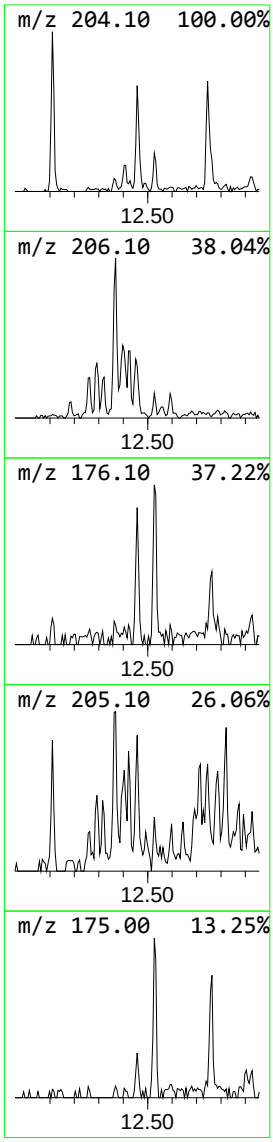
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.36 ng	41820	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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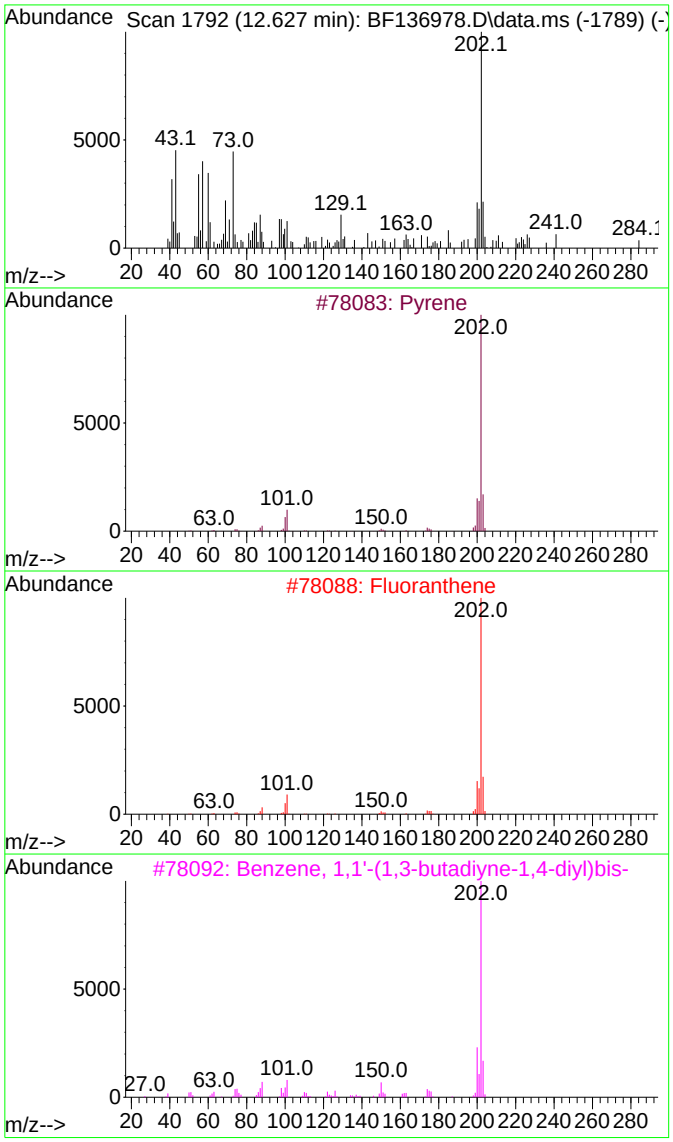
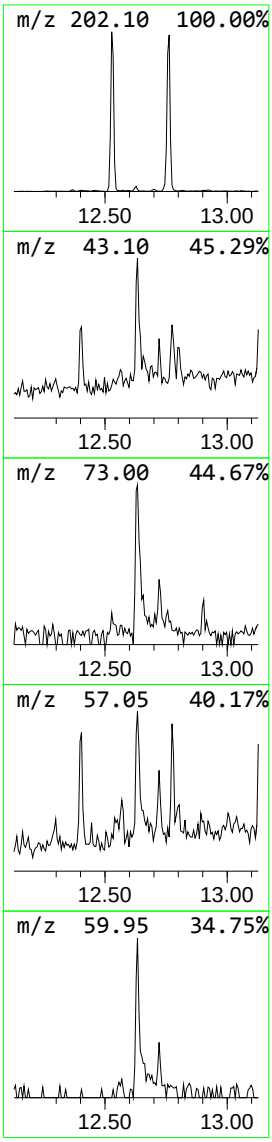
Peak Number 12 unknown12.627 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	3.25 ng	57672	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene	202	C16H10	000129-00-0	58
2	Fluoranthene	202	C16H10	000206-44-0	53
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	49
4	L-Tryptophan, 1-(trimethylsilyl)...	348	C17H28N2O2Si2	1033331-59-7	47
5	1H-Pyrrol-3-amine, 5-(3-pyridiny...	202	C11H14N4	1000509-37-9	43





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Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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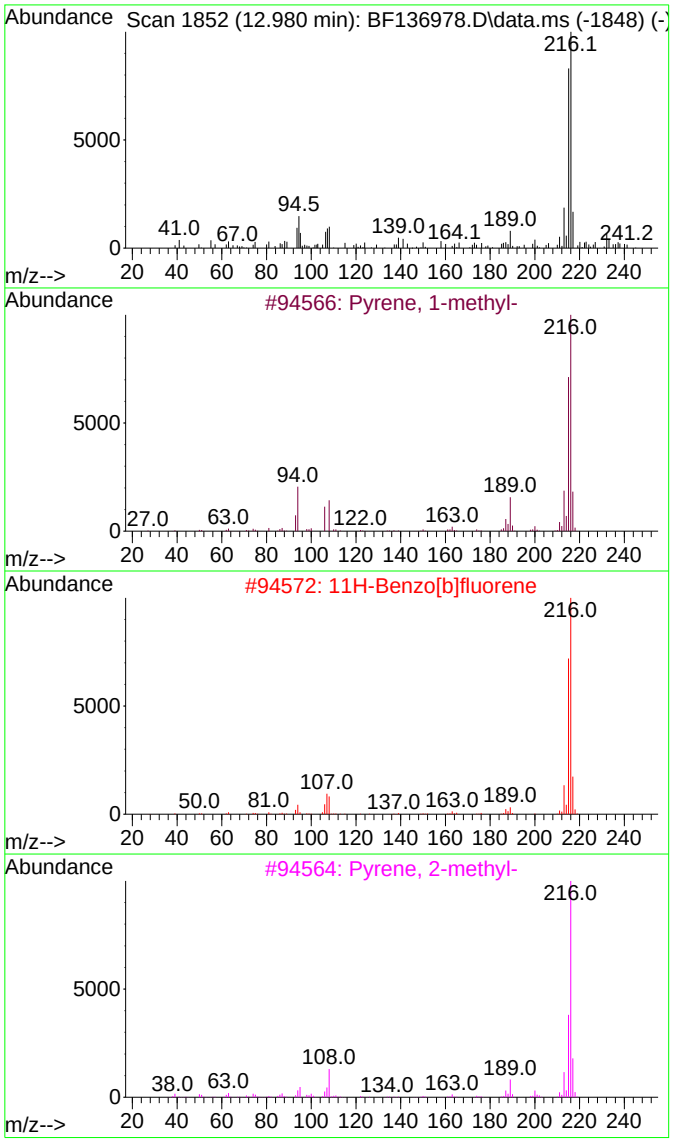
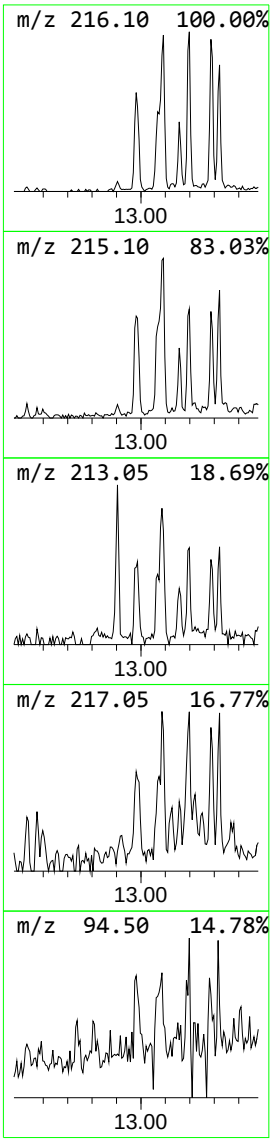
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.07 ng	67259	Chrysene-d12	13.968

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	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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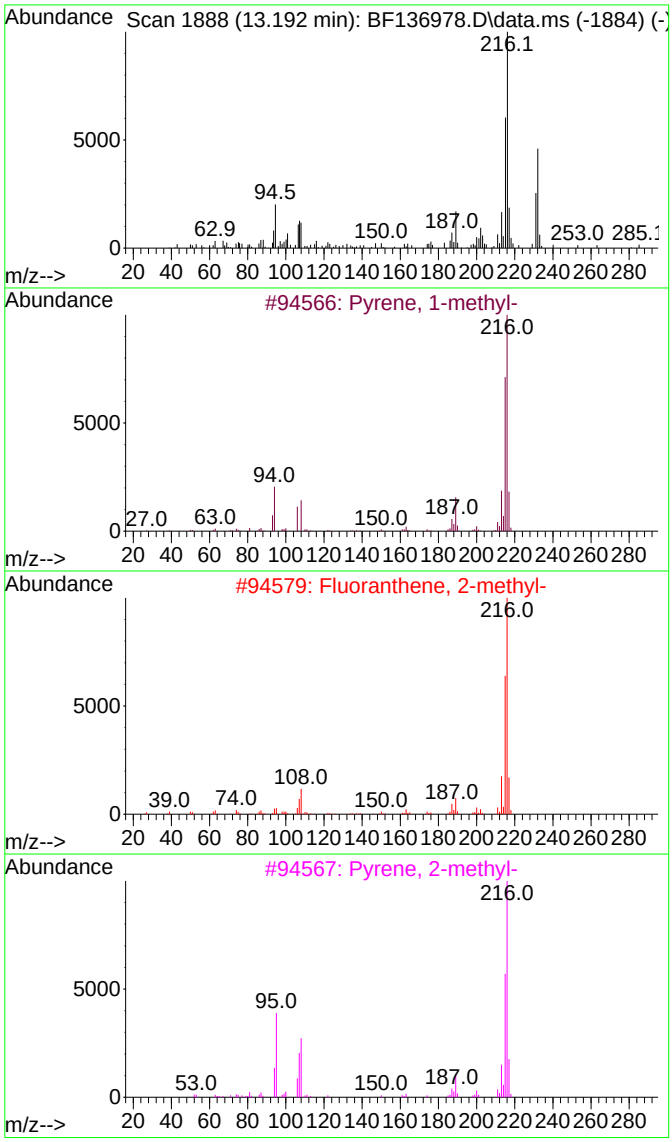
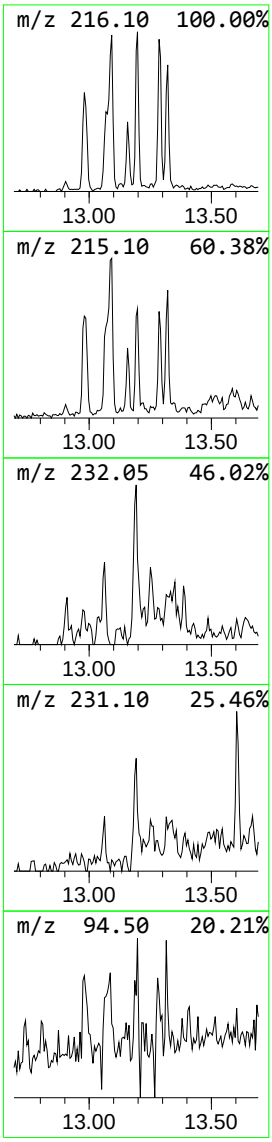
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	2.04 ng	66410	Chrysene-d12	13.968

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	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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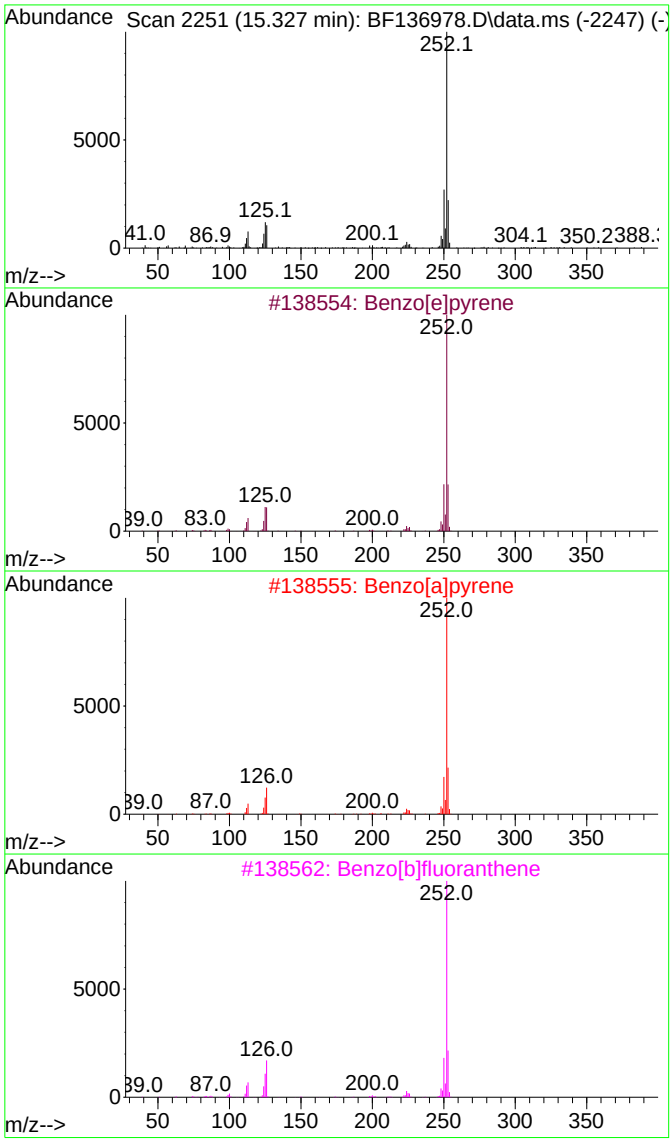
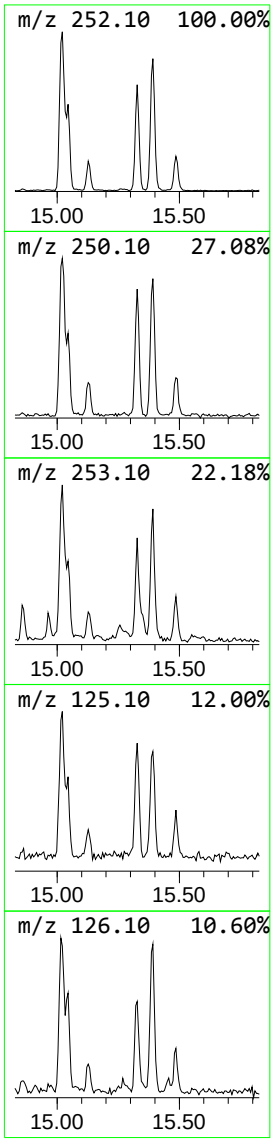
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	7.68 ng	158475	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136978.D
Acq On : 05 Jan 2024 16:23
Operator : CG\JU
Sample : P1003-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
2-Pentanone, 4-...	5.010	9.2	ng	146468	1	6.781	317880	20.0
Benzene, 1-prop...	6.616	2.7	ng	43366	1	6.781	317880	20.0
Pentadecane, 2,...	10.733	2.9	ng	50705	4	11.310	354993	20.0
Anthracene, 2-m...	11.816	2.9	ng	51361	4	11.310	354993	20.0
Anthracene, 1-m...	11.845	11.1	ng	196657	4	11.310	354993	20.0
Phenanthrene, 2...	11.922	5.0	ng	89070	4	11.310	354993	20.0
Anthracene, 9-m...	11.951	2.3	ng	40108	4	11.310	354993	20.0
Phenanthrene, 2...	12.368	3.0	ng	52284	4	11.310	354993	20.0
unknown12.404	12.404	2.4	ng	42995	4	11.310	354993	20.0
Cyclopenta(def)...	12.457	2.4	ng	41820	4	11.310	354993	20.0
unknown12.627	12.627	3.3	ng	57672	4	11.310	354993	20.0
Pyrene, 1-methyl-	12.980	2.1	ng	67259	5	13.968	651300	20.0
Fluoranthene, 2...	13.192	2.0	ng	66410	5	13.968	651300	20.0
Benzo[e]pyrene	15.327	7.7	ng	158475	6	15.457	412732	20.0