LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	191662	240829	5.28%	0.508%
2	5.087	506	510	519	rBV	174380	189927	4.16%	0.401%
3	5.487	575	578	596	rBV	826323	824096	18.07%	1.739%
4	6.492	745	749	765	rBV	805003	784917	17.21%	1.656%
5	6.857	808	811	819	rBV	661327	549362	12.05%	1.159%
6	7.416	903	906	917	rBV	578118	471479	10.34%	0.995%
7	8.139	1025	1029	1031	rBV	728534	593591	13.02%	1.253%
8	8.157	1031	1032	1039	rVB	224898	177983	3.90%	0.376%
9	9.216	1208	1212	1215	rBV	910477	751454	16.48%	1.586%
10	9.551	1265	1269	1272	rBV	86962	90666	1.99%	0.191%
11	9.757	1301	1304	1308	rVB	177743	141860	3.11%	0.299%
12	9.898	1322	1328	1331	rBV	609411	551503	12.09%	1.164%
13	9.927	1331	1333	1337	rVB	286562	220837	4.84%	0.466%
14	10.098	1358	1362	1366	rBV	154114	154707	3.39%	0.326%
15	10.445	1418	1421	1427	rVB	222533	201123	4.41%	0.424%
16	10.610	1445	1449	1452	rVB2	115313	136538	2.99%	0.288%
17	10.686	1457	1462	1466	rBV	630182	564590	12.38%	1.191%
18	10.816	1478	1484	1487	rBV4	66076	85688	1.88%	0.181%
19	10.998	1509	1515	1517	rBV3	82451	104499	2.29%	0.221%
20	11.127	1532	1537	1538	rBV2	60774	79106	1.73%	0.167%
21	11.151	1538	1541	1543	rVV2	80213	90976	1.99%	0.192%
22	11.192	1545	1548	1552	rVV	160308	166227	3.64%	0.351%
23	11.239	1552	1556	1561	rVV3	72605	136507	2.99%	0.288%
24	11.286	1561	1564	1569	rVB	197572	182992	4.01%	0.386%
25	11.392	1578	1582	1584	rBV	651708	628987	13.79%	1.327%
26	11.421	1584	1587	1590	rVV	2874198	2480334	54.39%	5.234%
27	11.469	1590	1595	1598	rVV	829392	668541	14.66%	1.411%
28	11.498	1598	1600	1604	rVB2	71935	72044	1.58%	0.152%
29	11.621	1615	1621	1630	rBV2	223974	354232	7.77%	0.748%
30	11.686	1630	1632	1636	rVV2	107646	108252	2.37%	0.228%
31	11.721	1636	1638	1643	rVB2	153726	151705	3.33%	0.320%
32	11.804	1650	1652	1657	rVB	66428	72994	1.60%	0.154%
33	11.898	1662	1668	1670	rBV	599572	545601	11.96%	1.151%
34	11.921	1670	1672	1676	rVV	772574	723646	15.87%	1.527%
35	11.974	1676	1681	1683	rVV	257880	239414	5.25%	0.505%
36	12.010	1683	1687	1689	rVV2	780464	836700	18.35%	1.766%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
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Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.033	1689	1691	1695	rVB	457150	367579	8.06%	0.776%
38	12.127	1705	1707	1710	rVB	81036	67834	1.49%	0.143%
39	12.192	1715	1718	1720	rVV	393552	343651	7.54%	0.725%
40	12.221	1720	1723	1729	rVB2	282086	276048	6.05%	0.583%
41	12.321	1738	1740	1742	rBV	67564	72556	1.59%	0.153%
42	12.345	1742	1744	1746	rVV2	156382	131452	2.88%	0.277%
43	12.374	1746	1749	1751	rVV	170605	132897	2.91%	0.280%
44	12.398	1751	1753	1756	rVB	144993	113449	2.49%	0.239%
45	12.451	1756	1762	1765	rBV	483443	562383	12.33%	1.187%
46	12.486	1765	1768	1770	rVV	239815	288285	6.32%	0.608%
47	12.510	1770	1772	1774	rVB	142516	104445	2.29%	0.220%
48	12.539	1774	1777	1782	rBV	436622	452915	9.93%	0.956%
49	12.621	1785	1791	1794	rVV	3855516	4183345	91.73%	8.828%
50	12.657	1794	1797	1799	rVV	96843	111832	2.45%	0.236%
51	12.680	1799	1801	1804	rVV2	116398	104882	2.30%	0.221%
52	12.763	1808	1815	1819	rBV4	176550	334687	7.34%	0.706%
53	12.857	1824	1831	1835	rBV2	3397449	4560427	100.00%	9.624%
54	12.892	1835	1837	1842	rVB2	234920	294890	6.47%	0.622%
55	12.963	1845	1849	1851	rBV	260579	290010	6.36%	0.612%
56	12.986	1851	1853	1860	rVB2	1058151	1134037	24.87%	2.393%
57	13.068	1860	1867	1870	rBV3	372407	655954	14.38%	1.384%
58	13.121	1874	1876	1878	rBV2	79247	74590	1.64%	0.157%
59	13.151	1878	1881	1883	rBV4	278131	364030	7.98%	0.768%
60	13.174	1883	1885	1888	rVB	506376	412298	9.04%	0.870%
61	13.210	1888	1891	1892	rBV2	67632	78344	1.72%	0.165%
62	13.239	1894	1896	1899	rVV	220159	174268	3.82%	0.368%
63	13.280	1899	1903	1905	rBV2	515880	514929	11.29%	1.087%
64	13.304	1905	1907	1910	rVB2	111366	107096	2.35%	0.226%
65	13.333	1910	1912	1915	rBV	90695	77150	1.69%	0.163%
66	13.374	1916	1919	1921	rBV	305342	244558	5.36%	0.516%
67	13.404	1921	1924	1928	rBV	314203	285793	6.27%	0.603%
68	13.486	1936	1938	1942	rVB3	81337	99139	2.17%	0.209%
69	13.563	1946	1951	1953	rBV4	94975	161326	3.54%	0.340%
70	13.686	1969	1972	1976	rVV	559706	514288	11.28%	1.085%
71	13.798	1986	1991	1994	rBV2	467136	563163	12.35%	1.188%
72	13.827	1994	1996	1998	rVV	371978	319936	7.02%	0.675%
73	13.851	1998	2000	2005	rVV2	283566	418924	9.19%	0.884%
74	13.898	2005	2008	2012	rVB	512513	458248	10.05%	0.967%
75	13.968	2017	2020	2026	rVB2	102472	136124	2.98%	0.287%
76	14.045	2026	2033	2037	rBV2	1972401	3034530	66.54%	6.404%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
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Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.086	2037	2040	2047	rVB	1740505	1755062	38.48%	3.704%
78	14.157	2050	2052	2055	rBV	189066	154438	3.39%	0.326%
79	14.280	2069	2073	2076	rVB2	123735	170635	3.74%	0.360%
80	14.310	2076	2078	2081	rVB2	100379	82074	1.80%	0.173%
81	14.374	2086	2089	2092	rBV3	66901	97254	2.13%	0.205%
82	14.404	2092	2094	2096	rVV	109090	103440	2.27%	0.218%
83	14.439	2096	2100	2104	rVV	376103	476154	10.44%	1.005%
84	14.474	2104	2106	2110	rVV	233249	228181	5.00%	0.482%
85	14.527	2110	2115	2119	rVV5	138455	300231	6.58%	0.634%
86	14.568	2119	2122	2124	rVV	204141	217684	4.77%	0.459%
87	14.592	2124	2126	2129	rVV2	128746	136600	3.00%	0.288%
88	14.639	2132	2134	2141	rVB2	113276	134043	2.94%	0.283%
89	14.839	2166	2168	2171	rBV	72132	71309	1.56%	0.150%
90	14.921	2179	2182	2184	rBV	106976	136001	2.98%	0.287%
91	15.121	2210	2216	2219	rBV	1079892	1783702	39.11%	3.764%
92	15.227	2231	2234	2238	rVB	214380	229804	5.04%	0.485%
93	15.321	2247	2250	2252	rBV3	54813	77546	1.70%	0.164%
94	15.433	2265	2269	2275	rVB	592363	845936	18.55%	1.785%
95	15.504	2276	2281	2286	rVB	917331	1150368	25.23%	2.428%
96	15.562	2287	2291	2294	rBV	258266	358931	7.87%	0.757%
97	15.598	2294	2297	2304	rVB2	289140	407425	8.93%	0.860%
98	16.068	2373	2377	2381	rBV2	68907	99318	2.18%	0.210%
99	17.115	2549	2555	2565	rVB2	355240	771249	16.91%	1.628%
100	17.592	2629	2636	2646	rVB	265480	604517	13.26%	1.276%

Sum of corrected areas: 47388101

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
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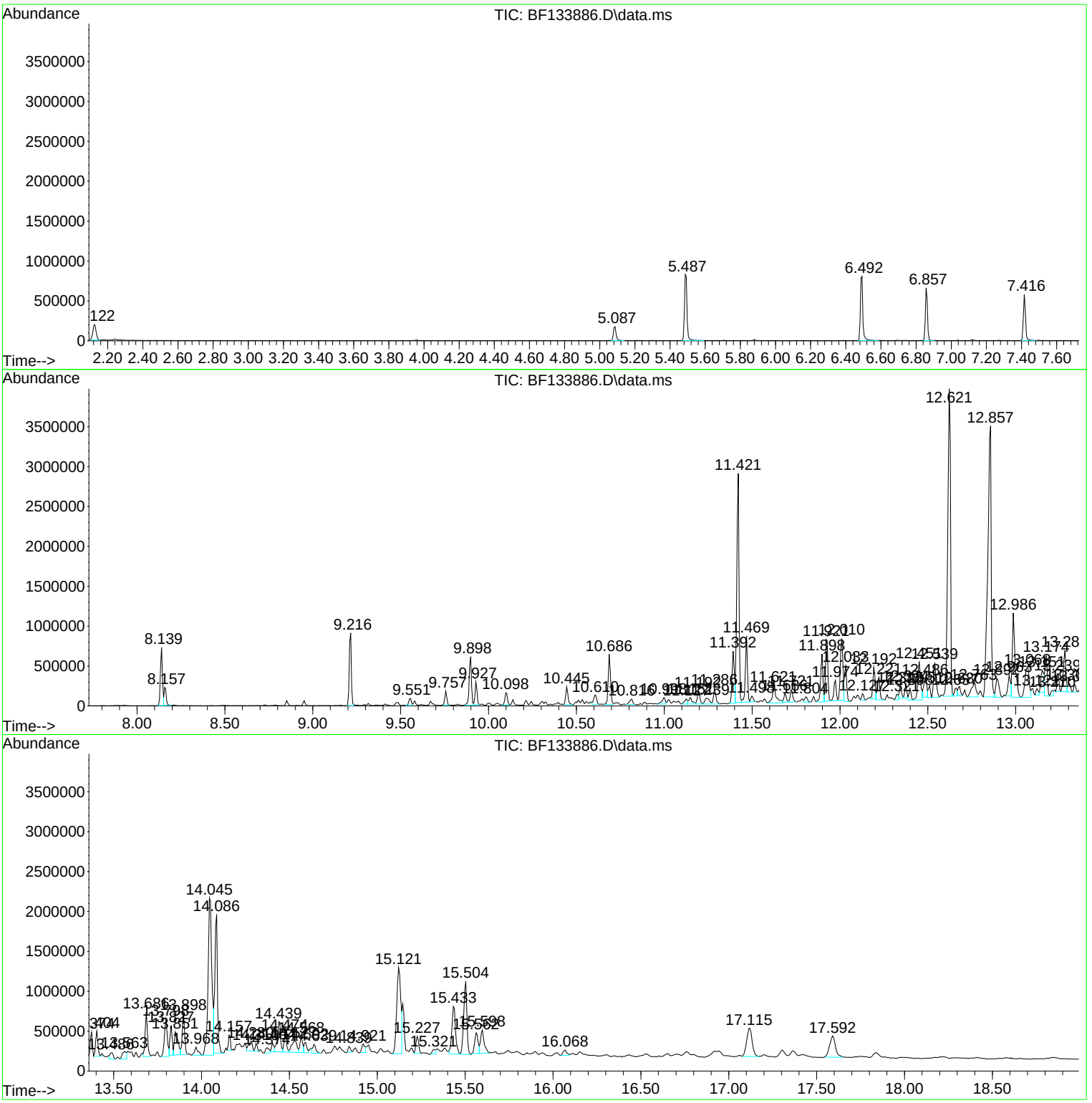
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF062123\
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Instrument :
BNA_F
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SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

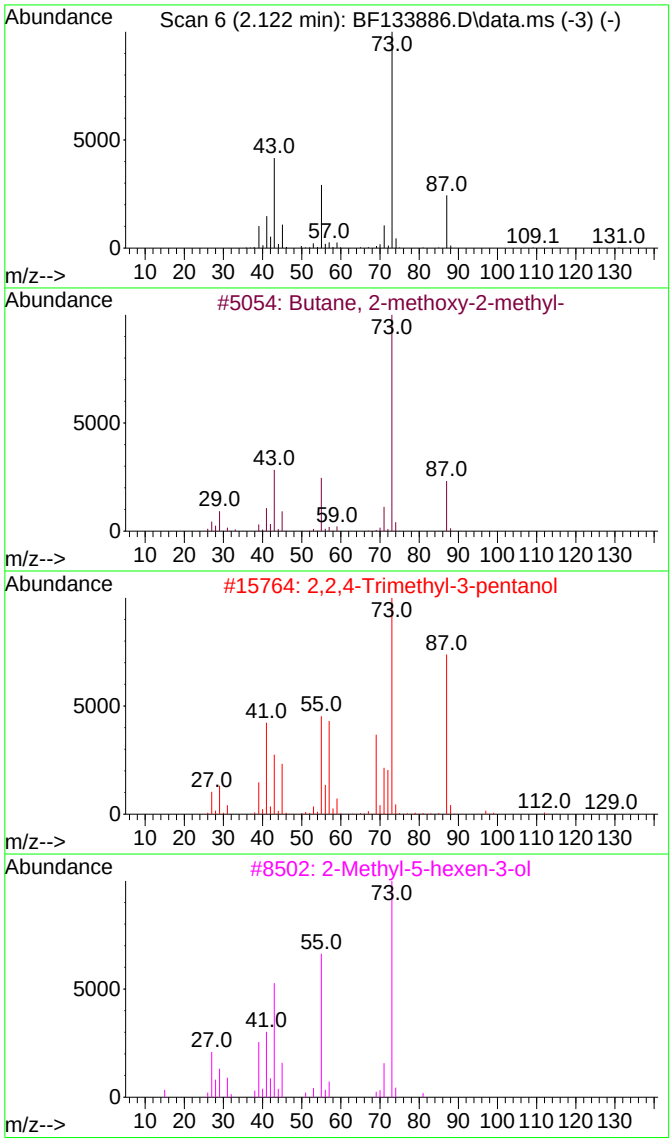
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

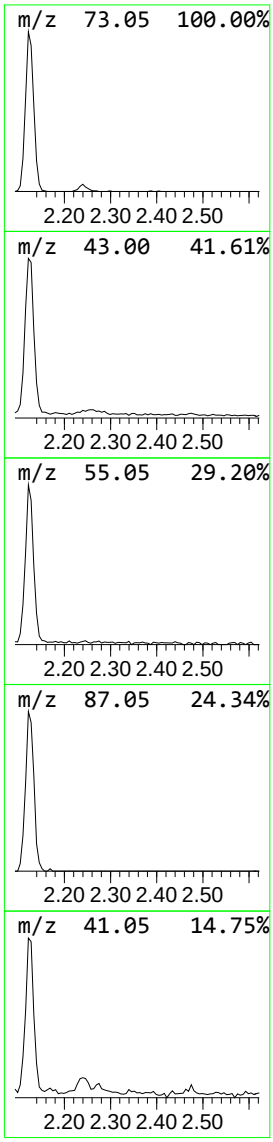
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	8.77 ng	240829	1,4-Dichlorobenzene-d4	6.857

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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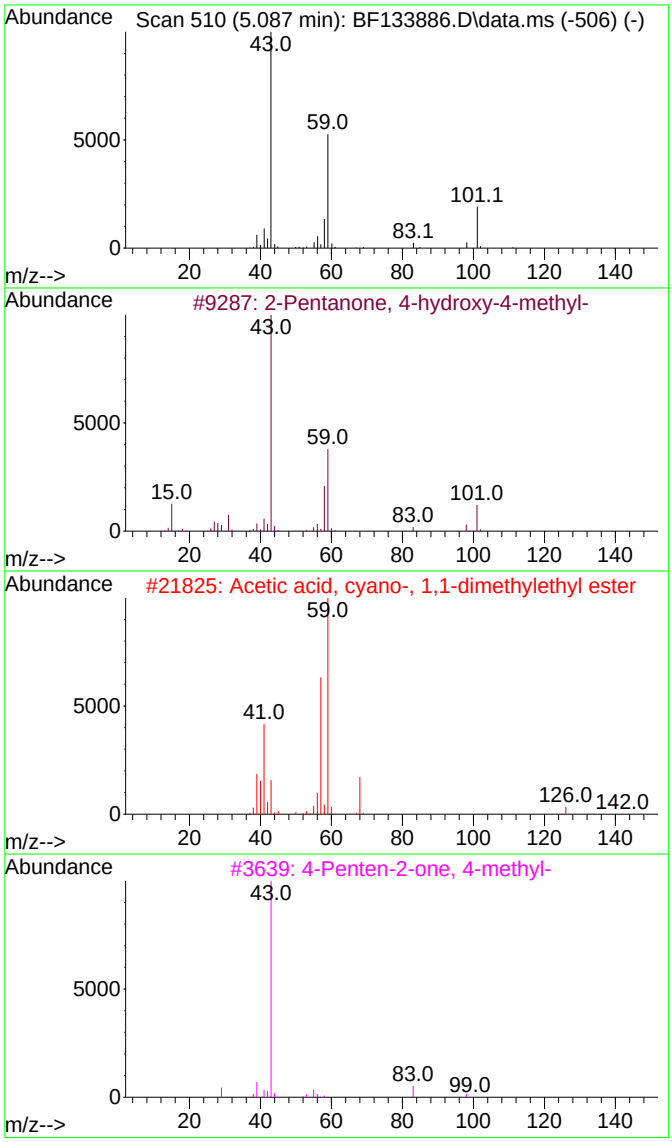
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

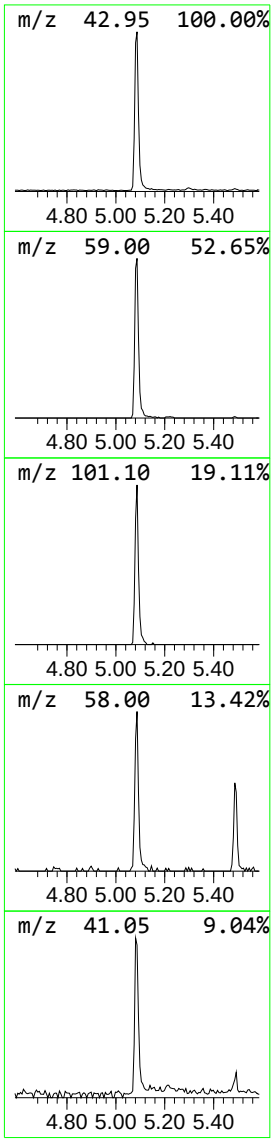
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	6.91 ng	189927	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

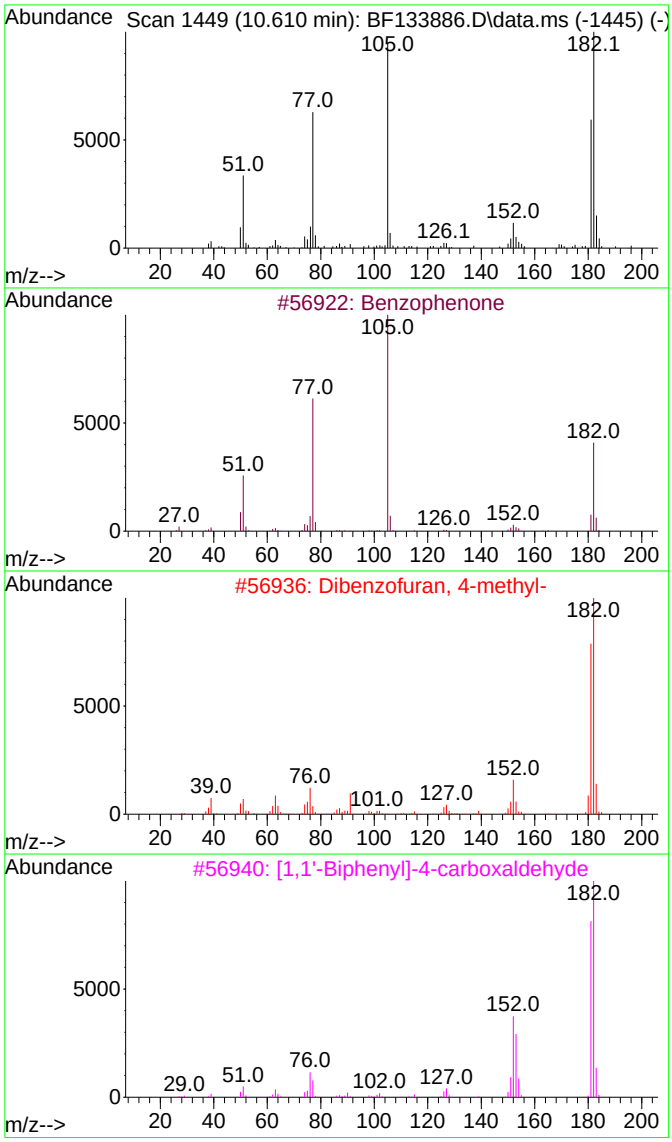
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

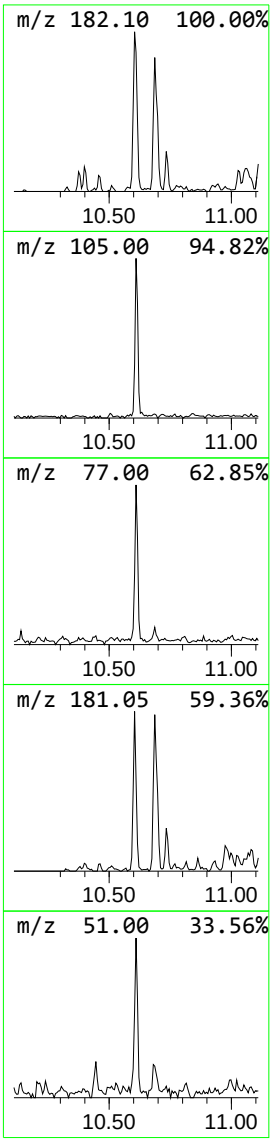
****

Peak Number 3 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.95 ng	136538	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	46





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Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

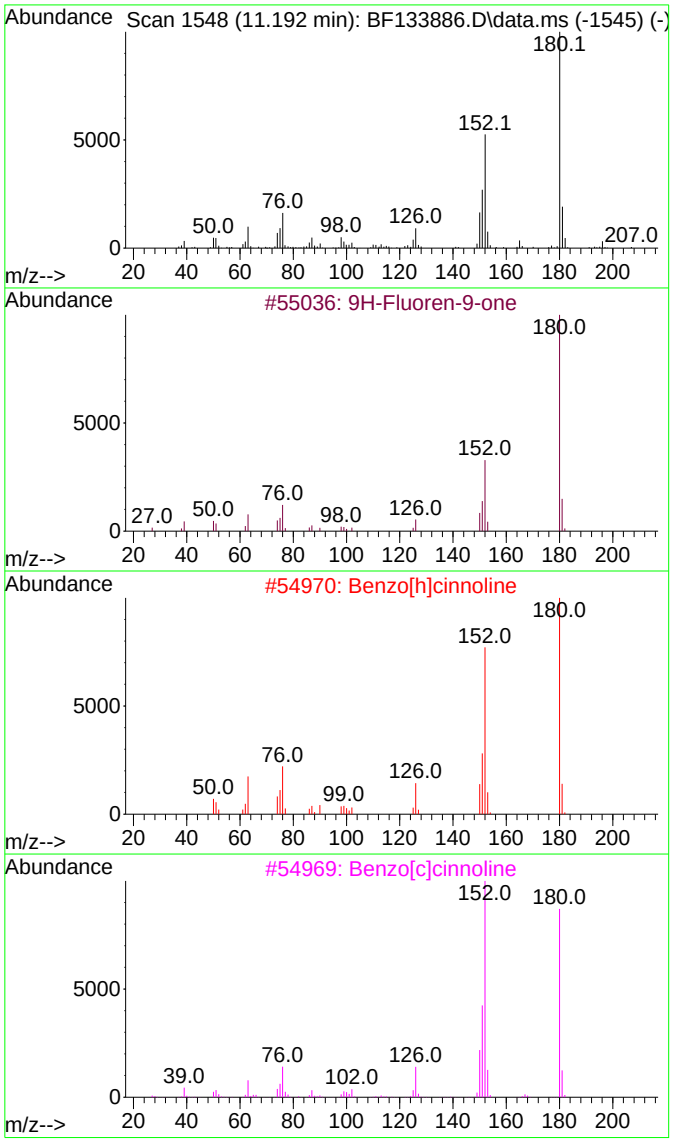
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

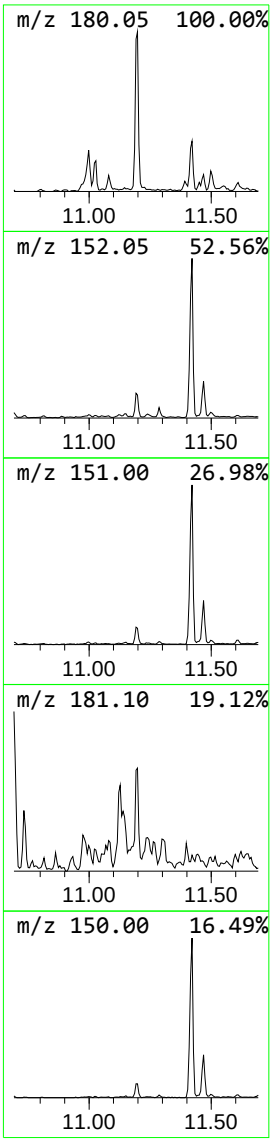
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	5.29 ng	166227	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

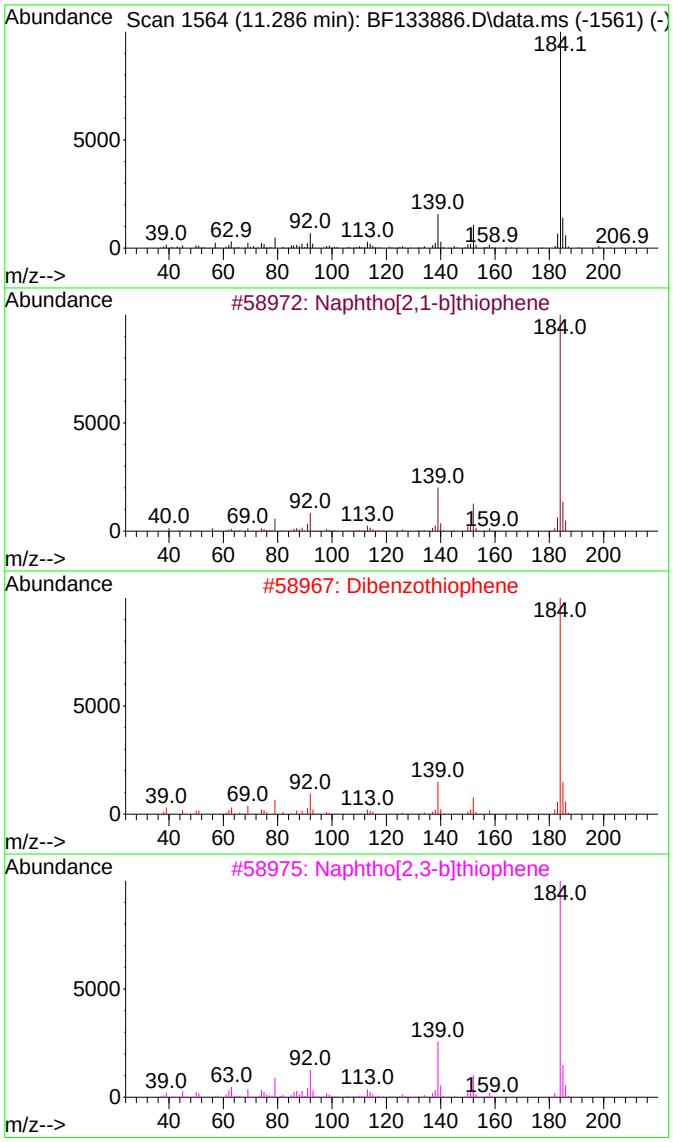
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

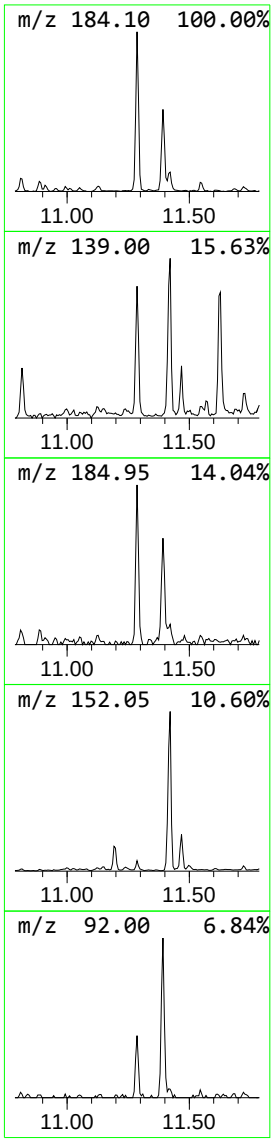
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	5.82 ng	182992	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Operator : CG\JU
Sample : 03289-22 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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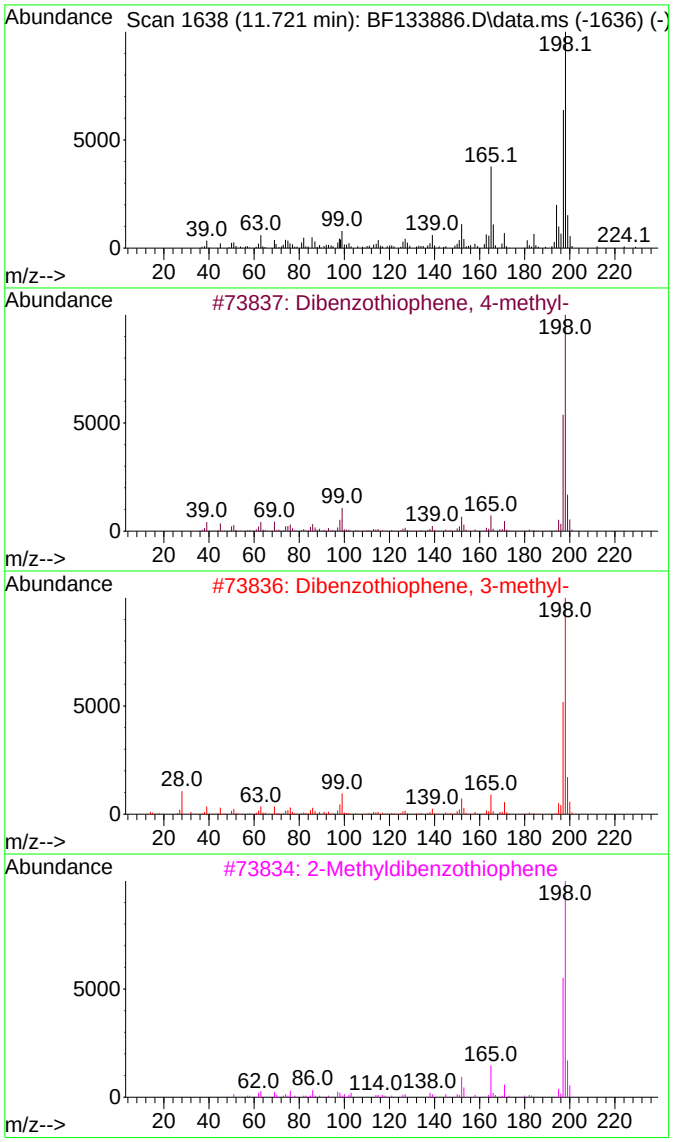
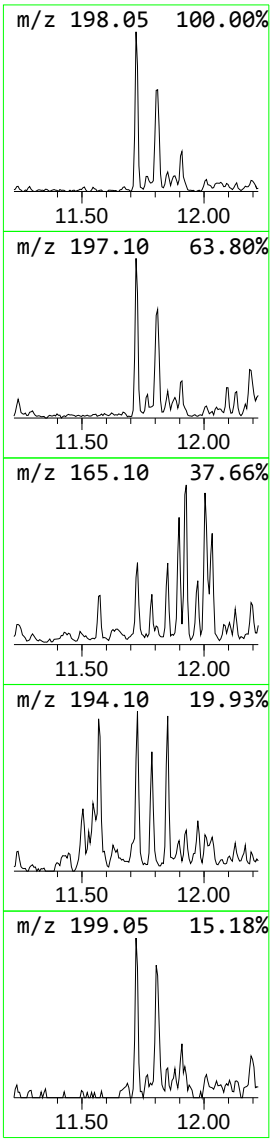
Peak Number 6 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	4.82 ng	151705	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	89
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	74
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	70
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	53





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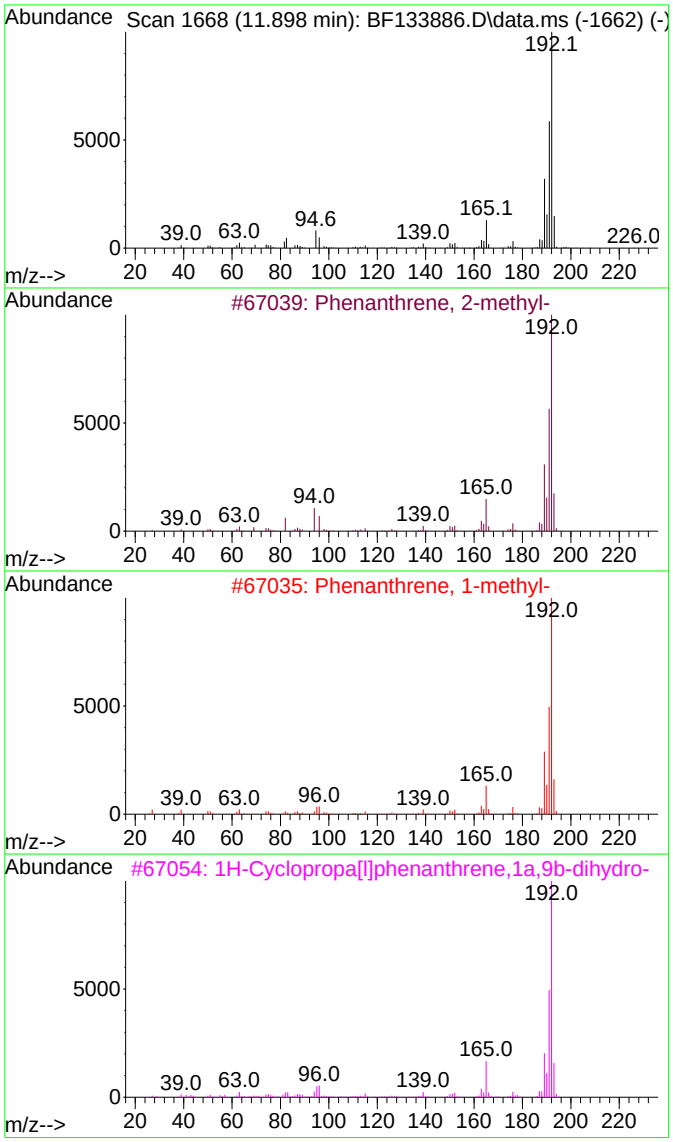
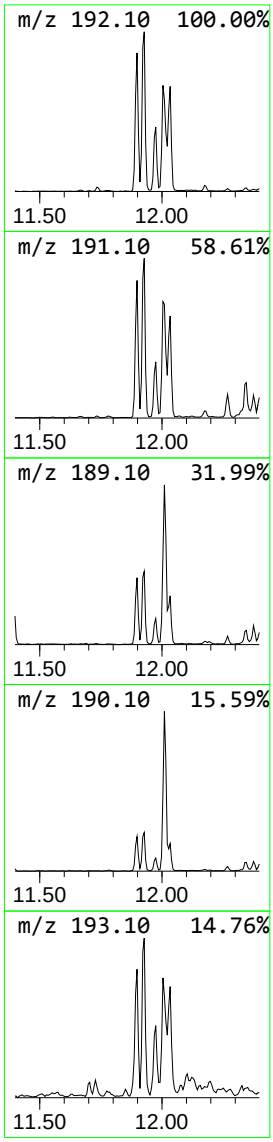
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	17.35 ng	545601	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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

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

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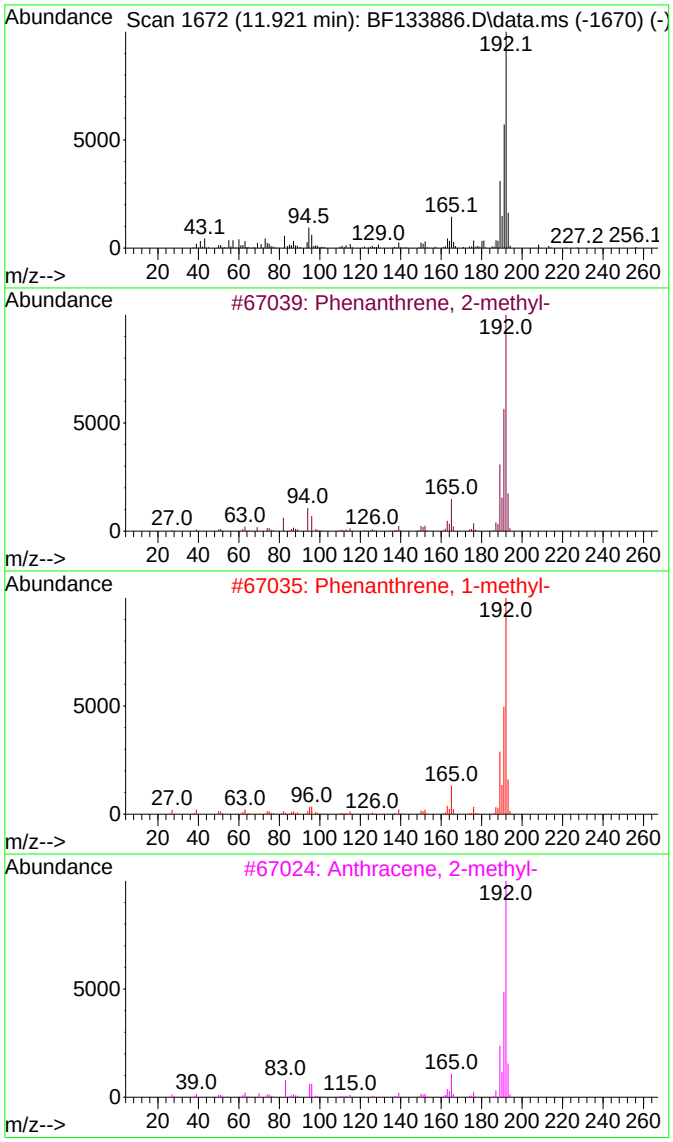
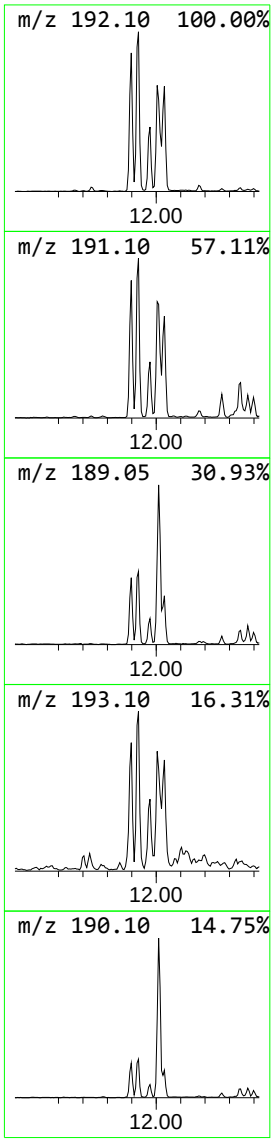
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	23.01 ng	723646	Phenanthrene-d10	11.392

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Misc :
ALS Vial : 22 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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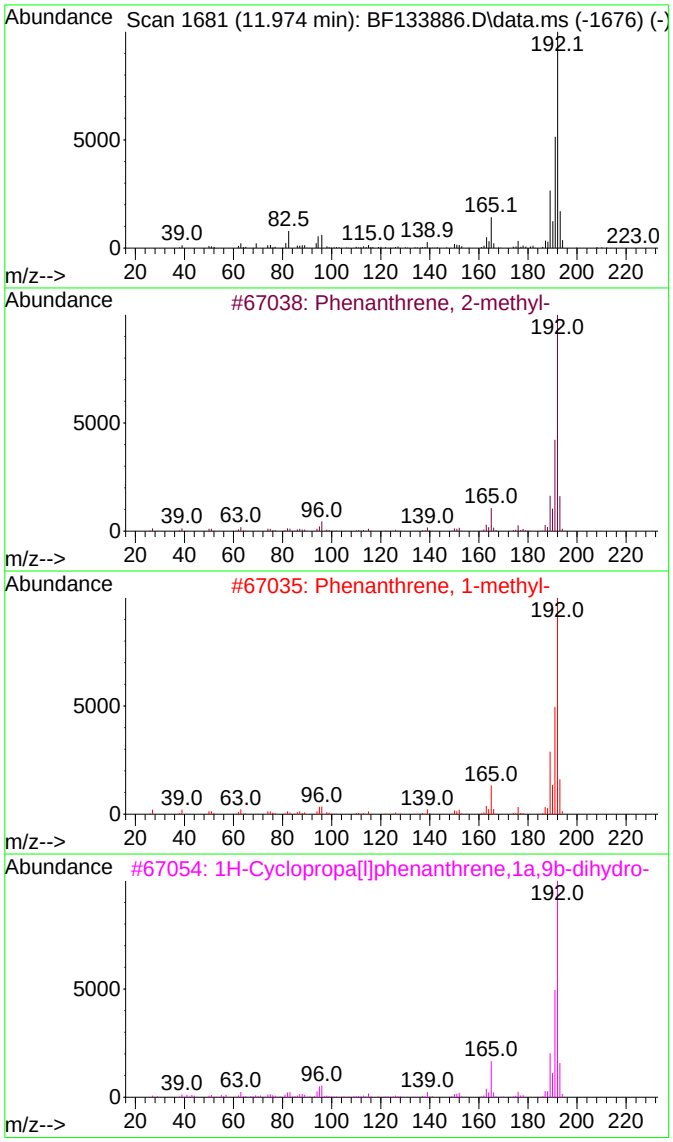
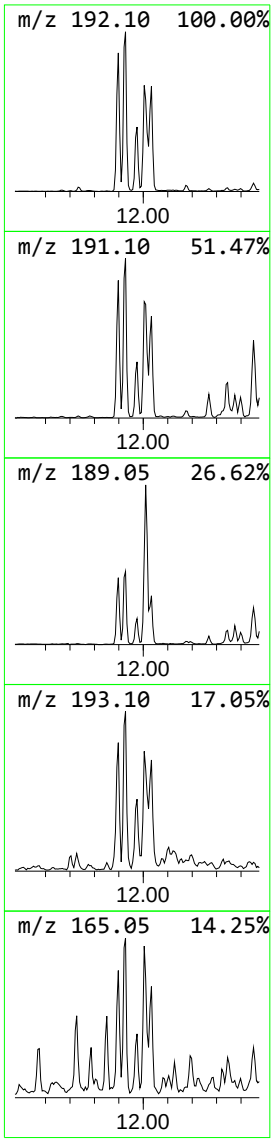
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	7.61 ng	239414	Phenanthrene-d10	11.392

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





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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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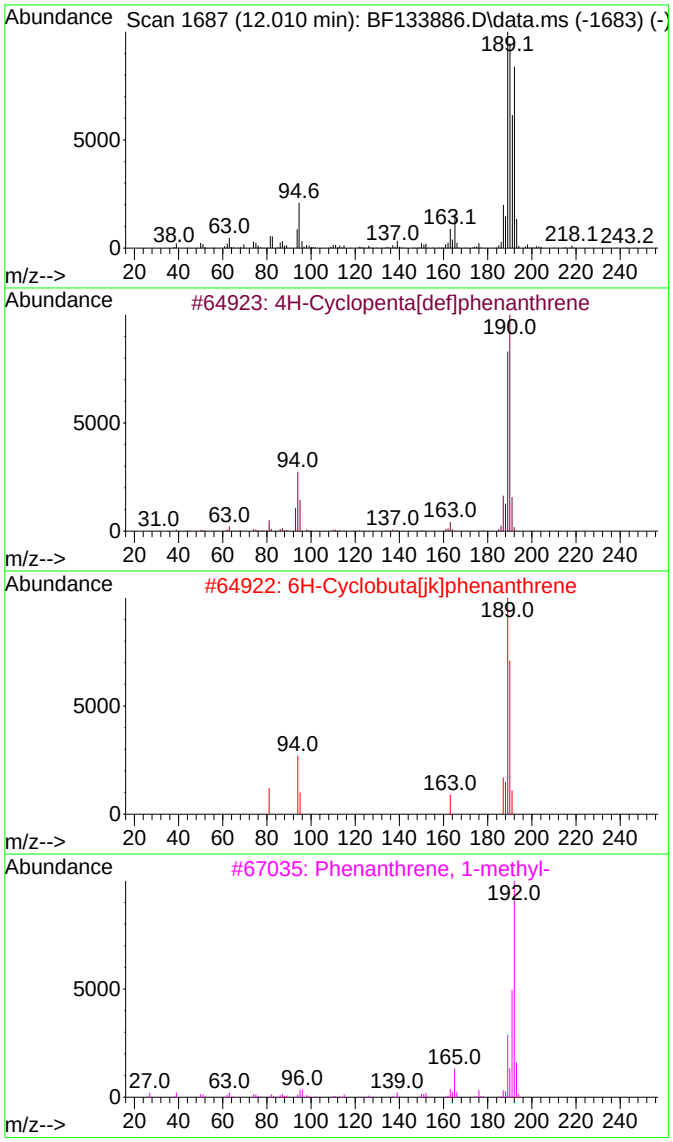
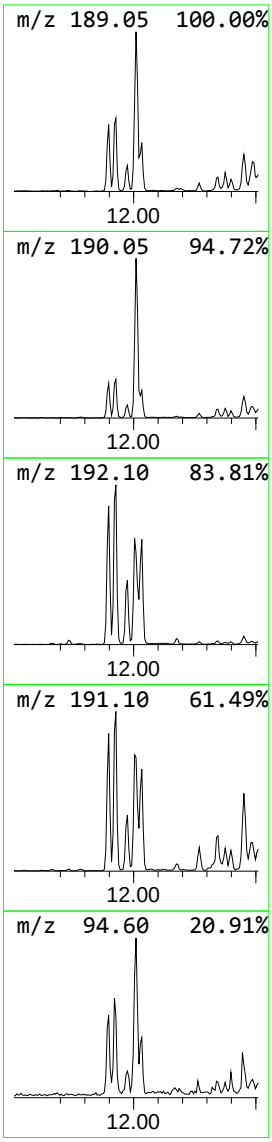
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	26.60 ng	836700	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	42





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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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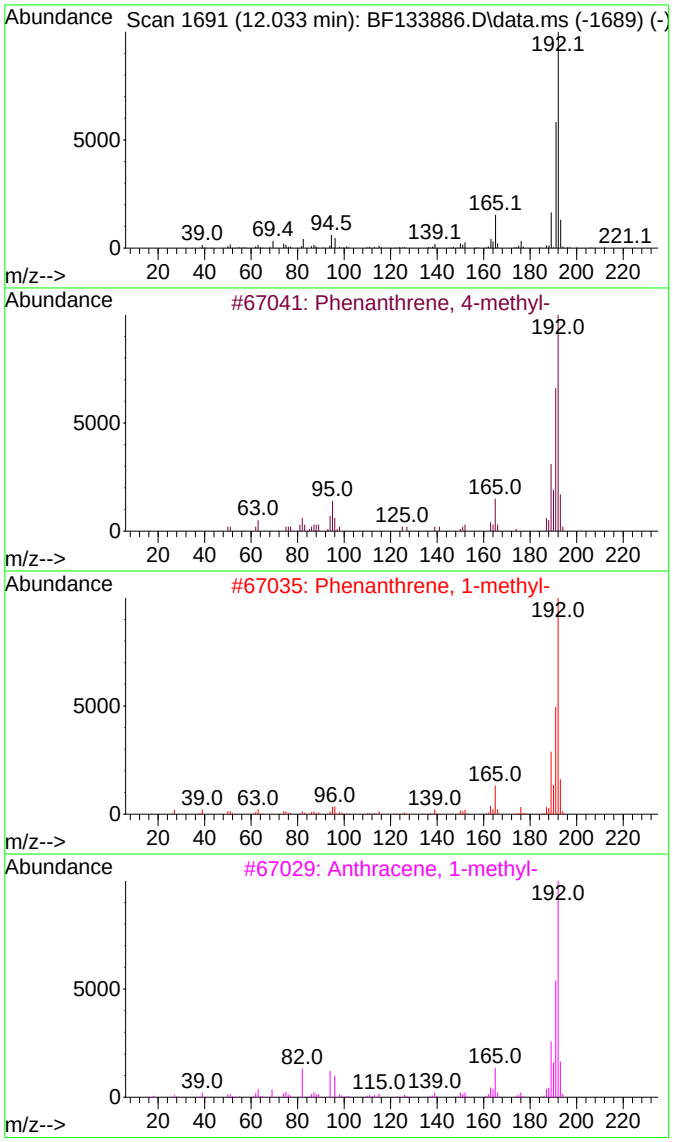
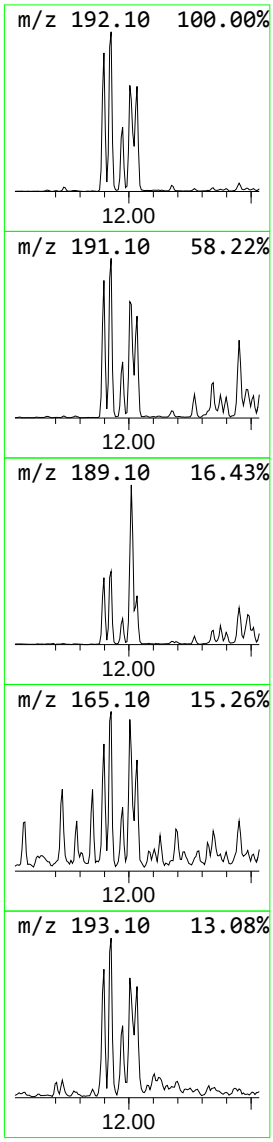
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	11.69 ng	367579	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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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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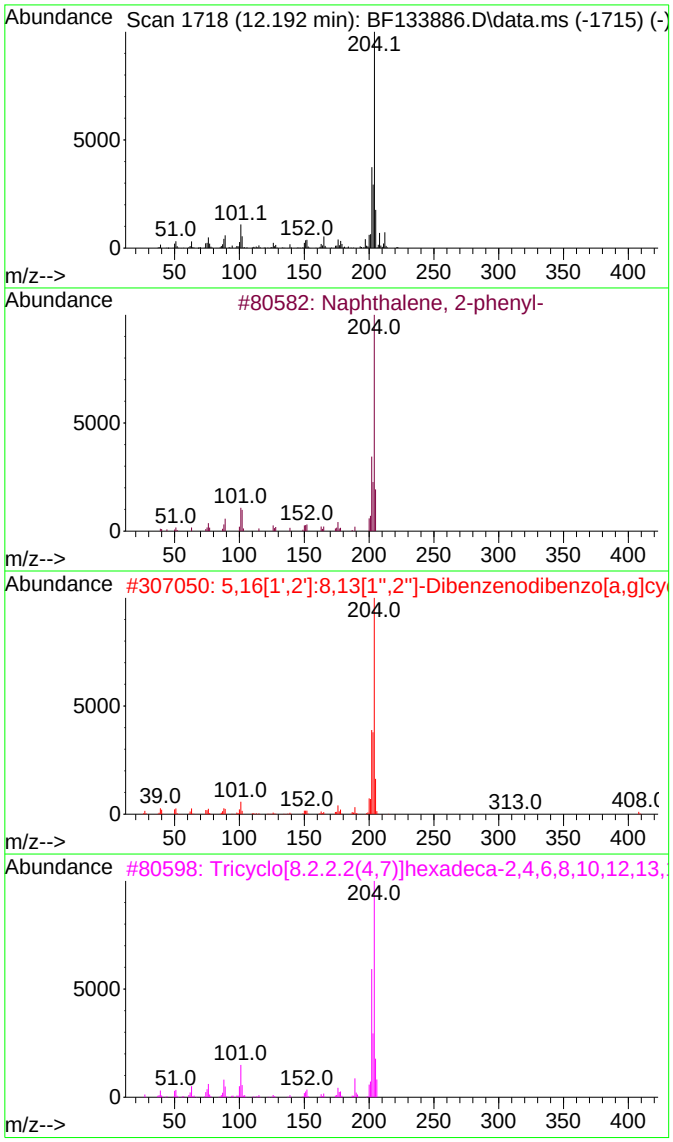
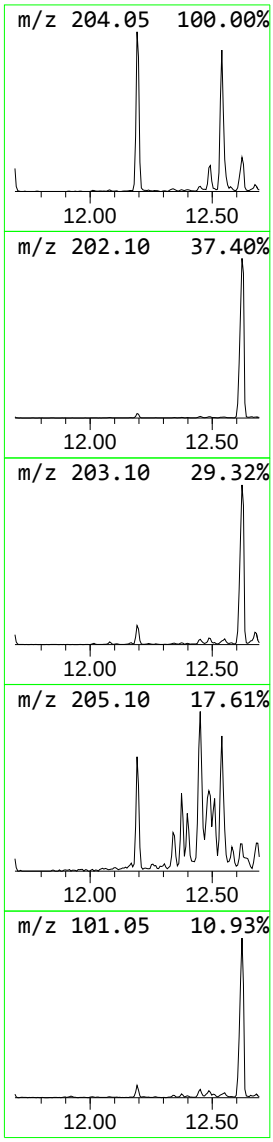
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	10.93 ng	343651	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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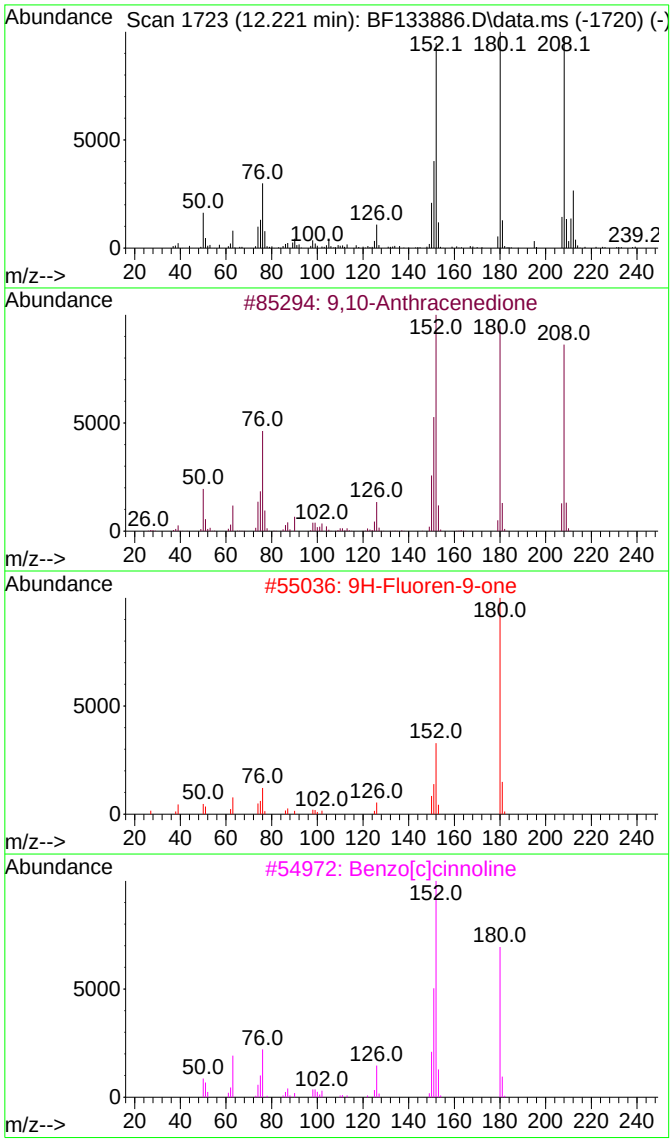
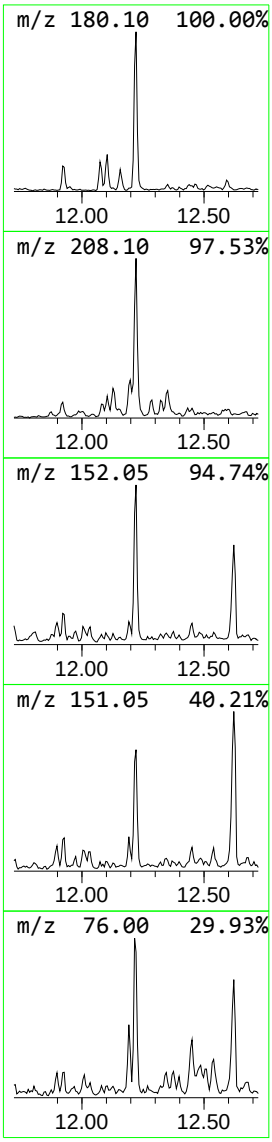
Peak Number 13 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.221	8.78 ng	276048	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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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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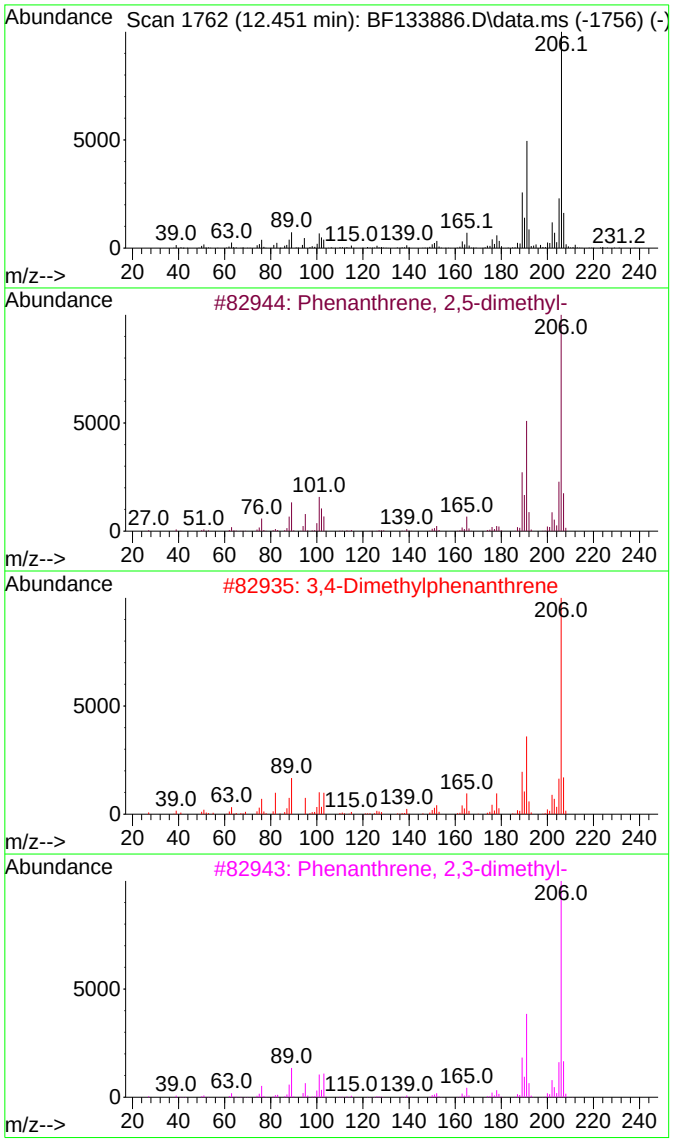
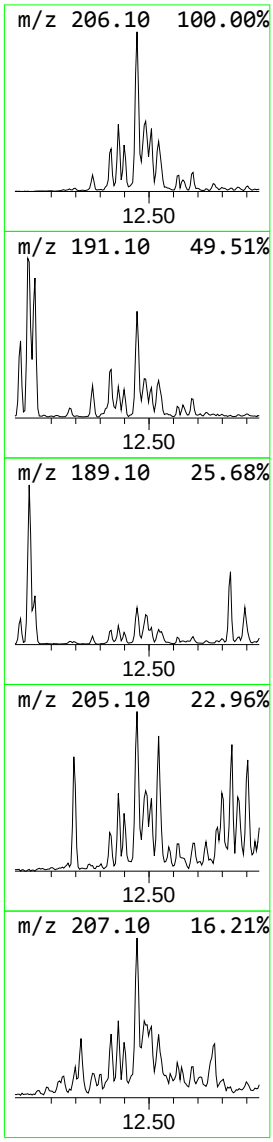
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	17.88 ng	562383	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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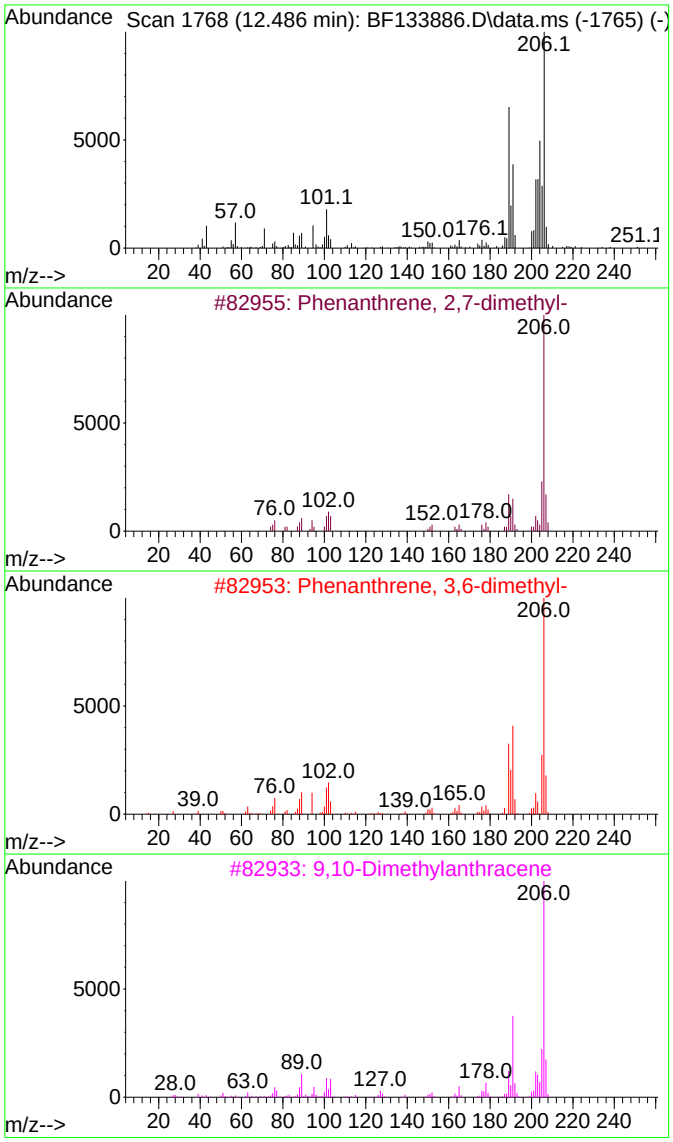
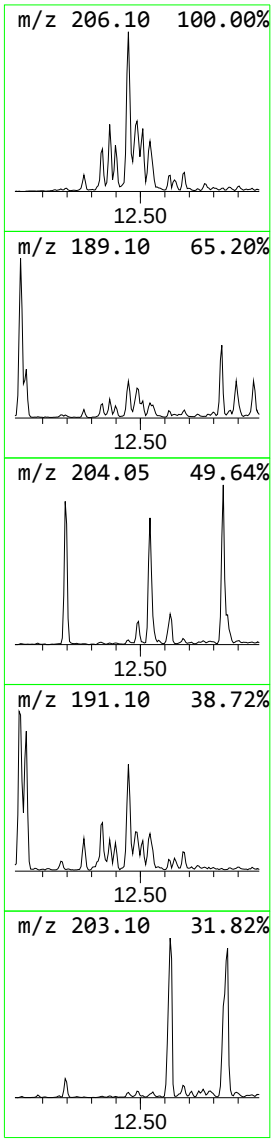
Peak Number 15 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	9.17 ng	288285	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	47
4	Scoparone	206	C11H10O4	000120-08-1	38
5	2H,6H-Pyrido[2,1-b]-1,3-thiazine...	206	C10H10N2OS	1000277-29-6	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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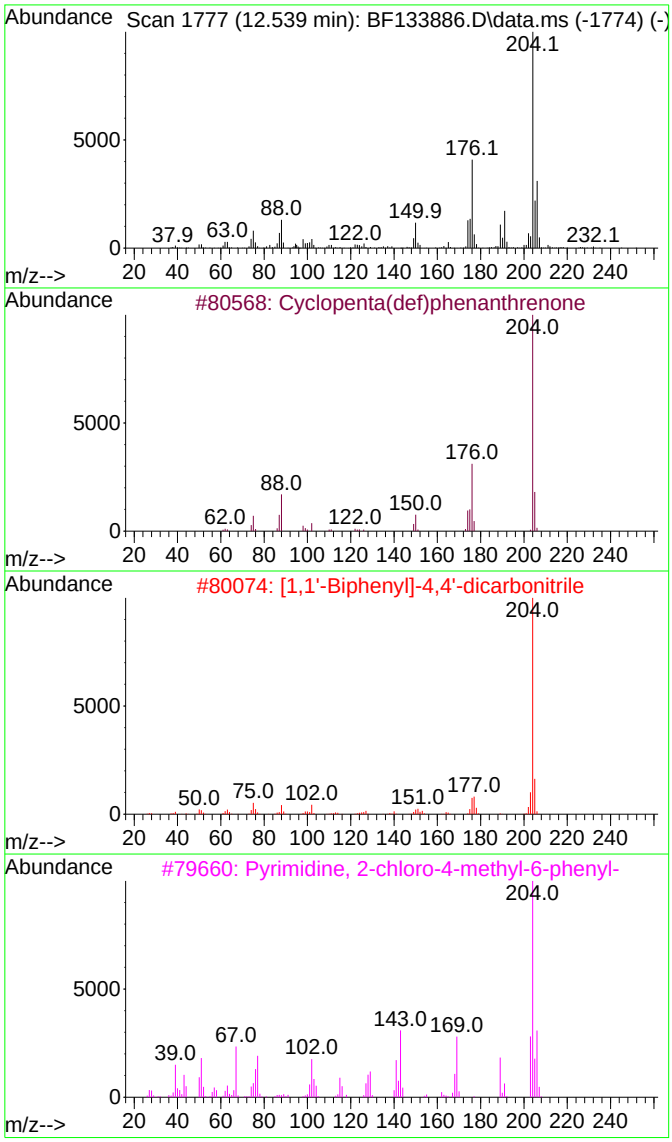
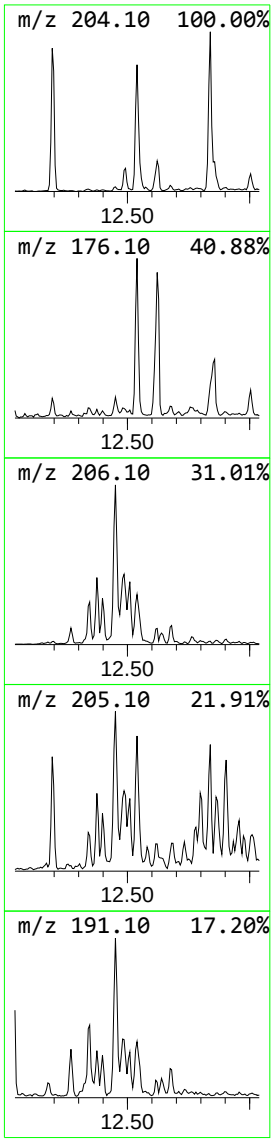
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	14.40 ng	452915	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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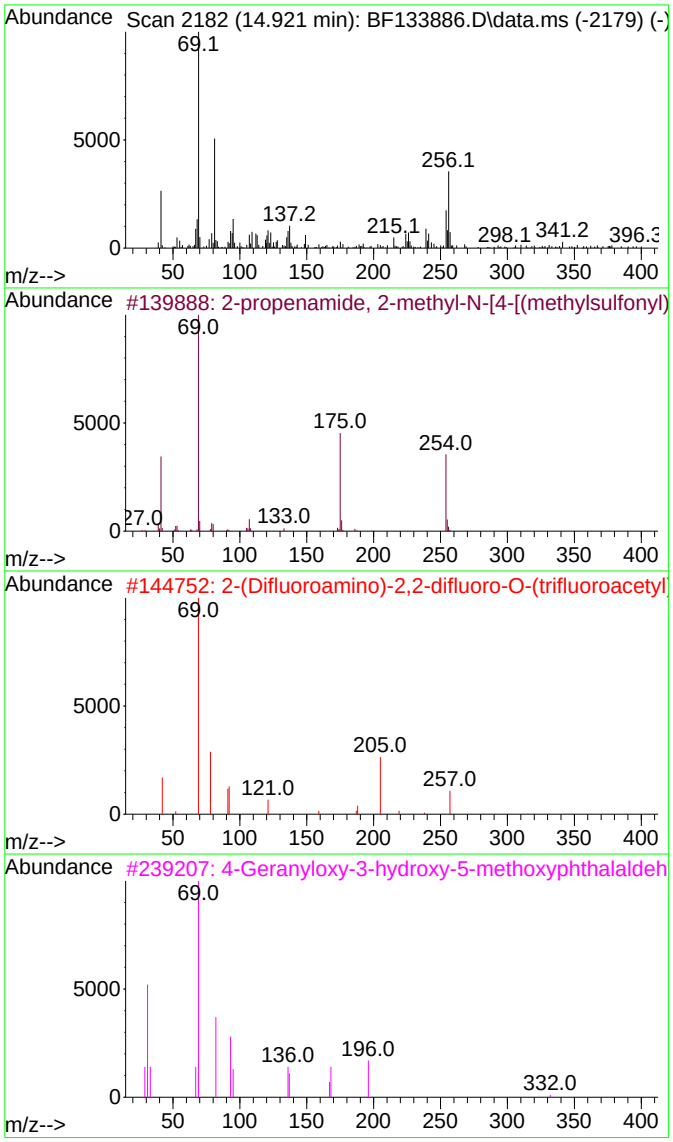
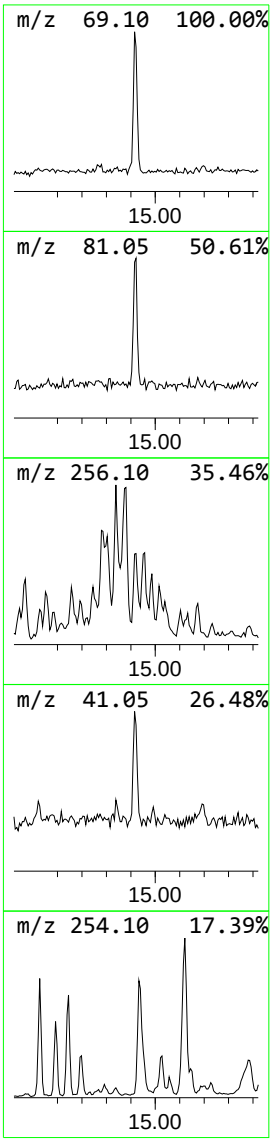
Peak Number 17 unknown14.921 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	7.58 ng	136001	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	38
2	2-(Difluoroamino)-2,2-difluoro-O...	257	C4H2F7N3O2	115983-88-5	9
3	4-Geranyloxy-3-hydroxy-5-methoxy...	332	C19H24O5	076878-70-1	4
4	Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	033281-91-3	4
5	2-n-Propylthiane, S,S-dioxide	176	C8H16O2S	072385-41-2	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
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Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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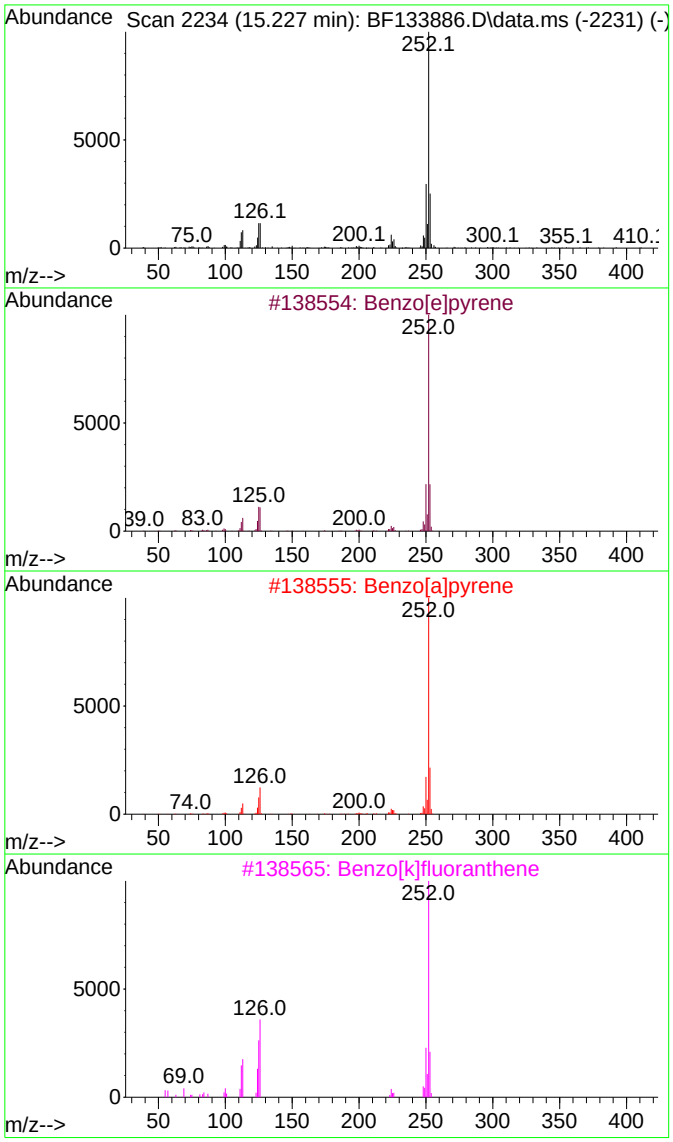
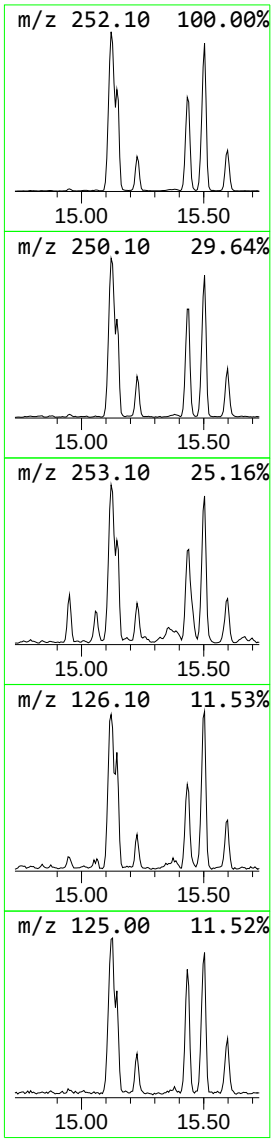
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	12.80 ng	229804	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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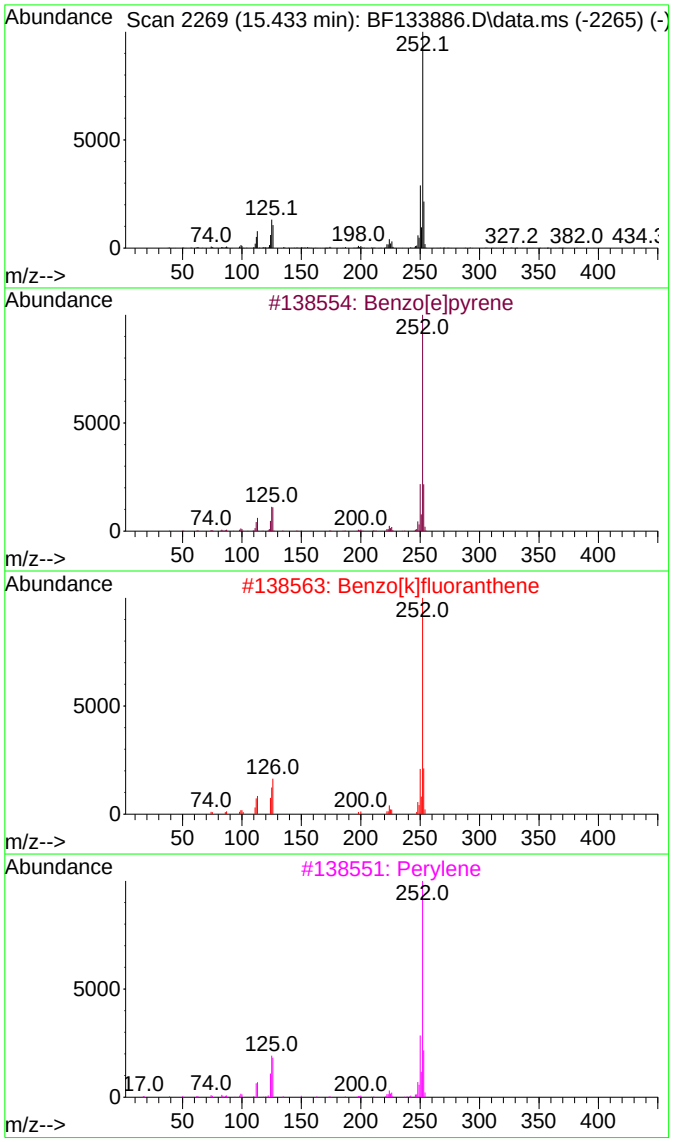
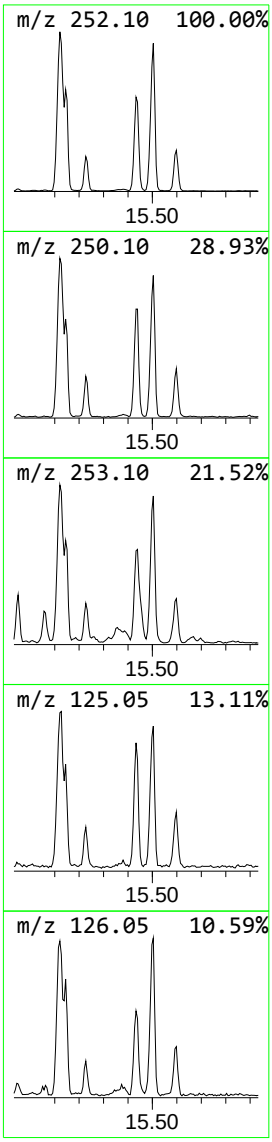
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	47.14 ng	845936	Perylene-d12	15.562

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	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Acq On : 21 Jun 2023 23:19
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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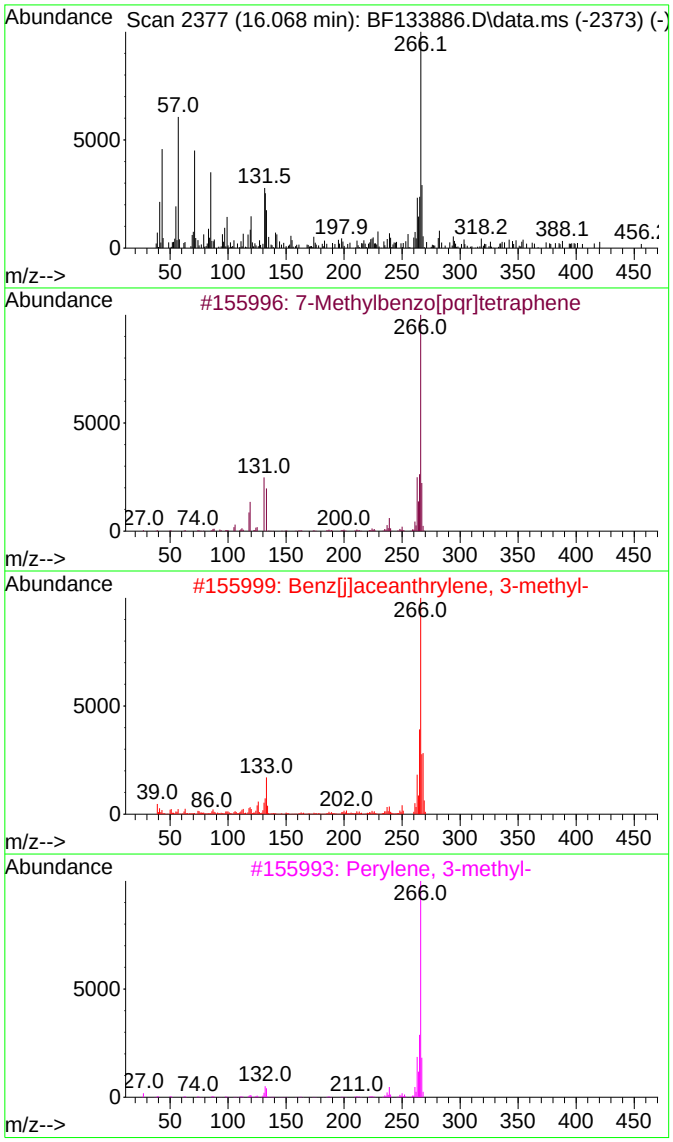
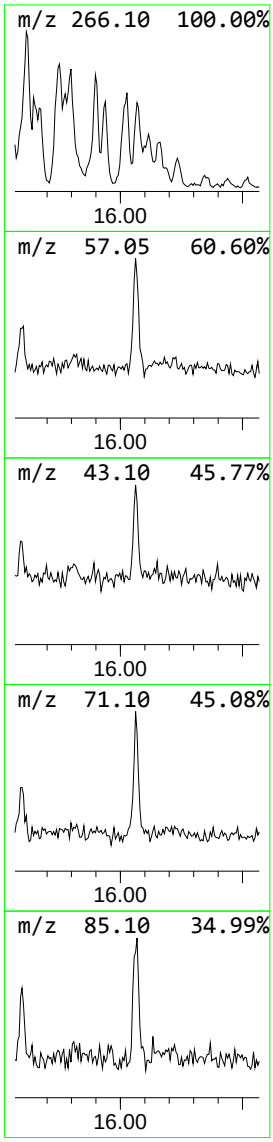
Peak Number 20 unknown16.068 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.068	5.53 ng	99318	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	45
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	42
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	38
4	(1H)Phenanthro[9,10-d]pyrazole, ...	294	C21H14N2	037944-54-0	38
5	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133886.D
Acq On : 21 Jun 2023 23:19
Operator : CG\JU
Sample : 03289-22 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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...	2.122	8.8	ng	240829	1	6.857	549362	20.0
2-Pentanone, 4-...	5.087	6.9	ng	189927	1	6.857	549362	20.0
Benzophenone	10.610	5.0	ng	136538	3	9.898	551503	20.0
9H-Fluoren-9-one	11.192	5.3	ng	166227	4	11.392	628987	20.0
Naphtho[2,1-b]t...	11.286	5.8	ng	182992	4	11.392	628987	20.0
Dibenzothiophen...	11.722	4.8	ng	151705	4	11.392	628987	20.0
Phenanthrene, 2...	11.898	17.4	ng	545601	4	11.392	628987	20.0
Phenanthrene, 1...	11.921	23.0	ng	723646	4	11.392	628987	20.0
1H-Cyclopropa[l...	11.974	7.6	ng	239414	4	11.392	628987	20.0
4H-Cyclopenta[d...	12.010	26.6	ng	836700	4	11.392	628987	20.0
Phenanthrene, 4...	12.033	11.7	ng	367579	4	11.392	628987	20.0
Naphthalene, 2-...	12.192	10.9	ng	343651	4	11.392	628987	20.0
9,10-Anthracene...	12.221	8.8	ng	276048	4	11.392	628987	20.0
Phenanthrene, 2...	12.451	17.9	ng	562383	4	11.392	628987	20.0
Phenanthrene, 2...	12.486	9.2	ng	288285	4	11.392	628987	20.0
Cyclopenta(def)...	12.539	14.4	ng	452915	4	11.392	628987	20.0
unknown14.921	14.921	7.6	ng	136001	6	15.562	358931	20.0
Benzo[e]pyrene	15.227	12.8	ng	229804	6	15.562	358931	20.0
Perylene	15.433	47.1	ng	845936	6	15.562	358931	20.0
unknown16.068	16.068	5.5	ng	99318	6	15.562	358931	20.0