LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132309.D
Acq On : 03 Feb 2023 00:27
Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-9-013123

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.307	415	420	427	rVB	1111794	1429010	23.71%	1.542%
2	5.690	480	485	488	rBV	3258222	3316192	55.03%	3.577%
3	6.678	648	653	656	rBV	3059454	3293750	54.66%	3.553%
4	7.066	715	719	722	rBV	1174962	925199	15.35%	0.998%
5	7.625	810	814	817	rBV	2329411	2260891	37.52%	2.439%
6	8.348	934	937	940	rBV	1470902	1269421	21.07%	1.369%
7	9.430	1117	1121	1124	rVB	4780059	4293957	71.26%	4.632%
8	10.113	1234	1237	1240	rVB	1481776	1268125	21.05%	1.368%
9	10.148	1240	1243	1246	rVB	514342	377936	6.27%	0.408%
10	10.272	1259	1264	1268	rBV2	107222	127245	2.11%	0.137%
11	10.319	1268	1272	1275	rVB2	213080	193530	3.21%	0.209%
12	10.530	1301	1308	1312	rBV5	81261	148817	2.47%	0.161%
13	10.666	1327	1331	1335	rBV	310931	284917	4.73%	0.307%
14	10.830	1355	1359	1362	rVB2	645014	613358	10.18%	0.662%
15	10.907	1368	1372	1376	rVB	2481428	2101712	34.88%	2.267%
16	11.007	1386	1389	1392	rBV	367942	351036	5.83%	0.379%
17	11.201	1418	1422	1423	rVV2	114040	121732	2.02%	0.131%
18	11.219	1423	1425	1427	rVV2	147649	128851	2.14%	0.139%
19	11.242	1427	1429	1432	rVV2	114052	127324	2.11%	0.137%
20	11.342	1442	1446	1448	rBV3	127298	179548	2.98%	0.194%
21	11.366	1448	1450	1455	rVV3	140657	163081	2.71%	0.176%
22	11.413	1455	1458	1461	rVV2	192295	182838	3.03%	0.197%
23	11.460	1462	1466	1472	rVV4	203313	334191	5.55%	0.361%
24	11.507	1472	1474	1484	rVB	189084	219019	3.63%	0.236%
25	11.613	1489	1492	1494	rBV	1175565	1072081	17.79%	1.157%
26	11.642	1494	1497	1500	rVV	3137864	2647775	43.94%	2.856%
27	11.689	1500	1505	1508	rVV	1032025	817453	13.57%	0.882%
28	11.842	1528	1531	1533	rBV	146360	135695	2.25%	0.146%
29	11.907	1540	1542	1545	rVV	188041	147583	2.45%	0.159%
30	12.119	1572	1578	1580	rBV2	922731	839705	13.94%	0.906%
31	12.148	1580	1583	1586	rVV	827157	719193	11.94%	0.776%
32	12.195	1586	1591	1594	rVV	419268	396401	6.58%	0.428%
33	12.236	1594	1598	1600	rVV2	1020243	1246656	20.69%	1.345%
34	12.254	1600	1601	1604	rVV	545345	304538	5.05%	0.329%
35	12.301	1606	1609	1611	rVV2	176825	157275	2.61%	0.170%
36	12.413	1625	1628	1630	rVV	568545	509165	8.45%	0.549%

LSC Area Percent Report

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Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.436	1630	1632	1636	rVV2	242683	245039	4.07%	0.264%
38	12.566	1651	1654	1656	rVB	239388	180545	3.00%	0.195%
39	12.595	1656	1659	1661	rVB	170705	120766	2.00%	0.130%
40	12.671	1669	1672	1675	rBV	453097	520224	8.63%	0.561%
41	12.713	1676	1679	1681	rVV2	273042	319244	5.30%	0.344%
42	12.760	1684	1687	1692	rBV	471455	489994	8.13%	0.529%
43	12.842	1697	1701	1705	rBV	4249040	4494505	74.59%	4.848%
44	12.901	1709	1711	1718	rVB3	196442	323818	5.37%	0.349%
45	12.966	1718	1722	1724	rBV2	103009	143529	2.38%	0.155%
46	12.995	1724	1727	1729	rBV	204352	164414	2.73%	0.177%
47	13.077	1734	1741	1745	rBV	4535801	6025778	100.00%	6.500%
48	13.118	1745	1748	1752	rVB2	306144	361237	5.99%	0.390%
49	13.207	1752	1763	1766	rBV	3099167	3326414	55.20%	3.588%
50	13.289	1772	1777	1781	rBV2	456943	748541	12.42%	0.807%
51	13.401	1788	1796	1798	rVV	776535	1227212	20.37%	1.324%
52	13.465	1804	1807	1810	rVV	497255	428329	7.11%	0.462%
53	13.507	1810	1814	1816	rVV2	759654	800350	13.28%	0.863%
54	13.530	1816	1818	1821	rVV	210876	191041	3.17%	0.206%
55	13.601	1827	1830	1832	rBV	625273	519054	8.61%	0.560%
56	13.630	1832	1835	1838	rVB	530686	454510	7.54%	0.490%
57	13.713	1845	1849	1852	rVB4	123591	163324	2.71%	0.176%
58	13.771	1857	1859	1861	rBV2	138241	130516	2.17%	0.141%
59	13.801	1861	1864	1866	rVV3	160687	186568	3.10%	0.201%
60	13.824	1866	1868	1871	rVV	113737	132579	2.20%	0.143%
61	13.883	1875	1878	1880	rBV3	141955	186095	3.09%	0.201%
62	13.907	1880	1882	1887	rVB	391937	500286	8.30%	0.540%
63	14.024	1897	1902	1905	rBV3	420285	645999	10.72%	0.697%
64	14.054	1905	1907	1909	rVV	609244	456714	7.58%	0.493%
65	14.077	1909	1911	1916	rVV2	603051	873963	14.50%	0.943%
66	14.118	1916	1918	1926	rVB	537410	585820	9.72%	0.632%
67	14.195	1929	1931	1937	rVB2	123827	187529	3.11%	0.202%
68	14.271	1937	1944	1948	rBV2	3055062	4619168	76.66%	4.983%
69	14.312	1948	1951	1955	rVB	2686635	2714012	45.04%	2.928%
70	14.389	1961	1964	1968	rBV	730654	628184	10.42%	0.678%
71	14.495	1979	1982	1987	rBV2	270858	376634	6.25%	0.406%
72	14.536	1987	1989	1991	rVB2	154723	124061	2.06%	0.134%
73	14.601	1998	2000	2003	rVB2	132559	121546	2.02%	0.131%
74	14.630	2003	2005	2007	rBV	239117	219636	3.64%	0.237%
75	14.671	2007	2012	2015	rVV	789285	972548	16.14%	1.049%
76	14.707	2015	2018	2021	rVB	410468	388478	6.45%	0.419%

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Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-9-013123

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.807	2032	2035	2037	rBV	383328	376249	6.24%	0.406%
78	14.830	2037	2039	2043	rVB2	456637	374344	6.21%	0.404%
79	14.883	2043	2048	2055	rVB3	269620	444578	7.38%	0.480%
80	15.001	2064	2068	2072	rBV2	174673	336009	5.58%	0.362%
81	15.036	2072	2074	2078	rVB2	137793	146828	2.44%	0.158%
82	15.212	2101	2104	2107	rVB	187589	183790	3.05%	0.198%
83	15.283	2112	2116	2121	rBV3	173026	280618	4.66%	0.303%
84	15.401	2129	2136	2139	rBV	2626656	4855211	80.57%	5.238%
85	15.512	2151	2155	2159	rVB	704186	766592	12.72%	0.827%
86	15.612	2168	2172	2173	rBV2	155421	204868	3.40%	0.221%
87	15.677	2181	2183	2187	rVB2	143934	158064	2.62%	0.171%
88	15.736	2187	2193	2199	rVB	1901901	3025248	50.21%	3.263%
89	15.812	2199	2206	2211	rVB	2711106	3822797	63.44%	4.124%
90	15.871	2211	2216	2219	rBV	615661	941764	15.63%	1.016%
91	15.912	2219	2223	2229	rVB2	892296	1305123	21.66%	1.408%
92	16.224	2273	2276	2280	rVB	144309	199496	3.31%	0.215%
93	16.271	2281	2284	2292	rVB2	106839	184871	3.07%	0.199%
94	16.359	2294	2299	2303	rBV4	122680	213999	3.55%	0.231%
95	16.501	2319	2323	2334	rVB3	229396	437486	7.26%	0.472%
96	17.530	2490	2498	2506	rVB2	1150880	2593252	43.04%	2.797%
97	17.718	2524	2530	2535	rBV	220234	446606	7.41%	0.482%
98	17.789	2537	2542	2548	rVV2	166542	351752	5.84%	0.379%
99	18.036	2574	2584	2597	rVB	954872	2308646	38.31%	2.490%
100	18.289	2621	2627	2643	rVB2	275020	738067	12.25%	0.796%

Sum of corrected areas: 92699662

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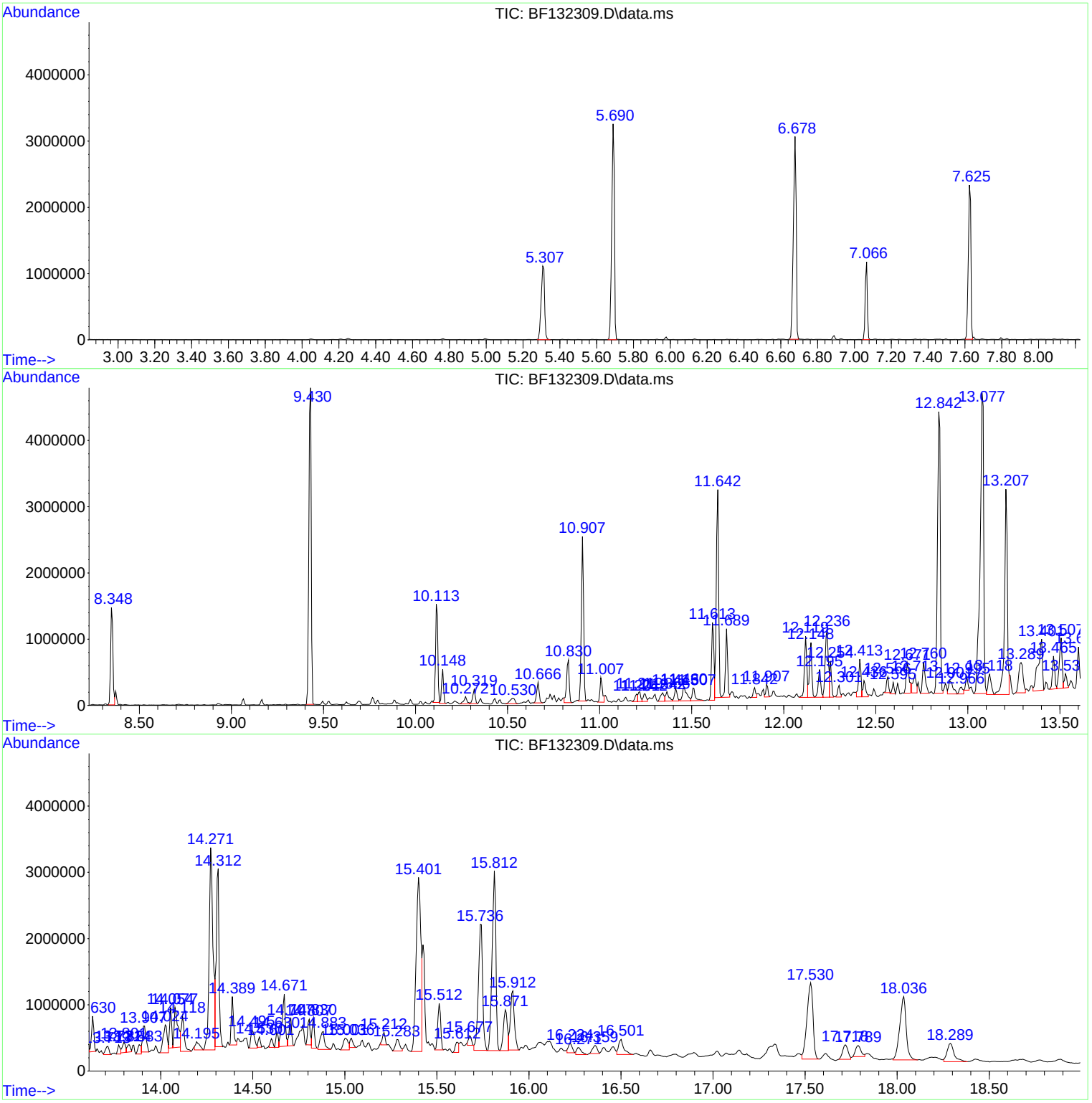
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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\BF020223\
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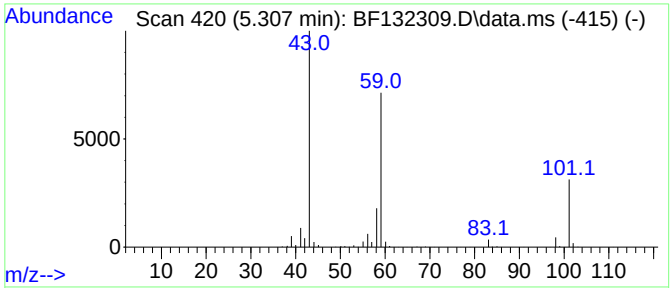
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

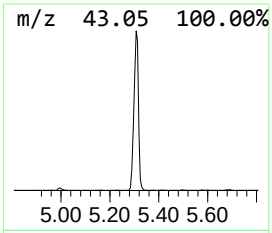
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

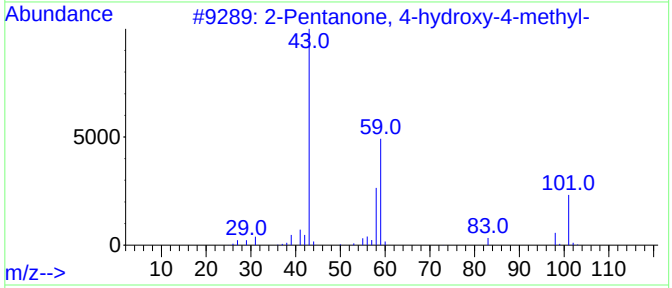
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

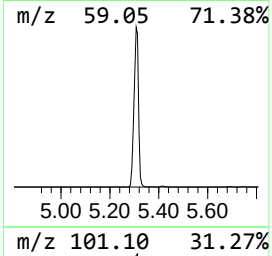
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.307	30.89 ng	1429010	1,4-Dichlorobenzene-d4	7.066

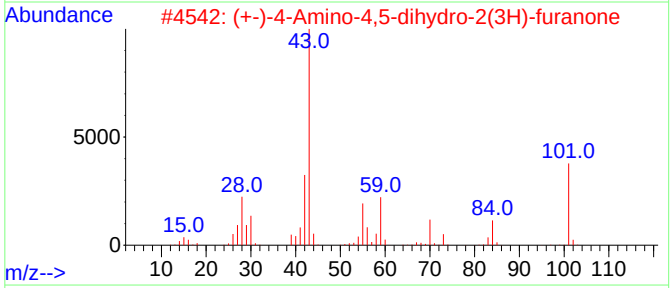
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

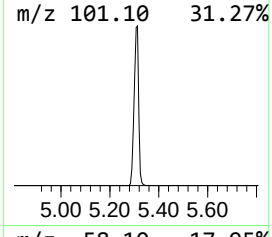


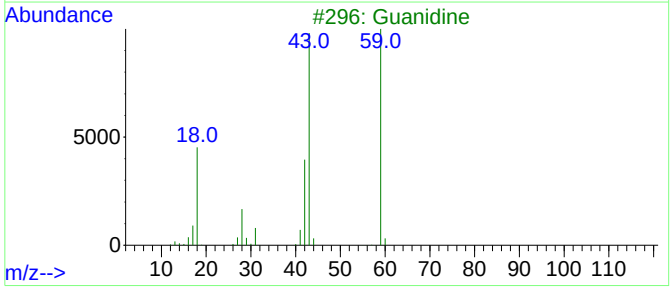


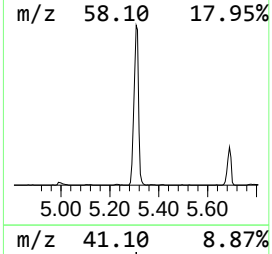


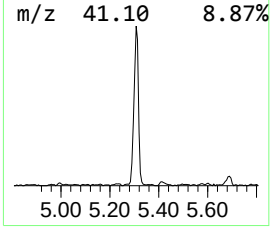












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

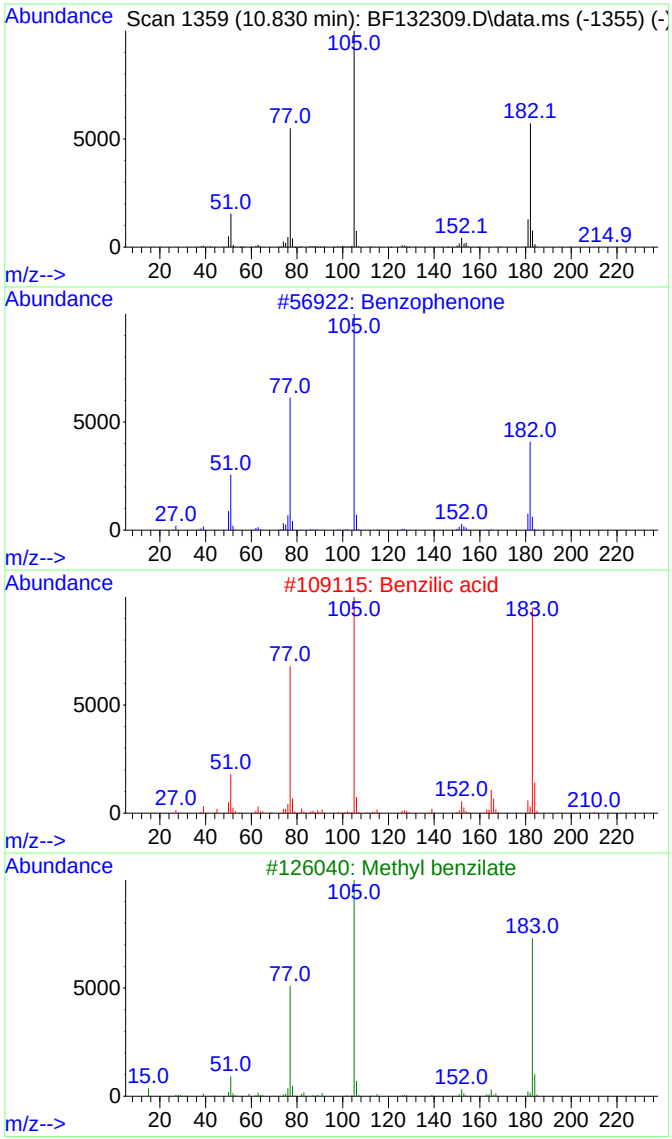
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

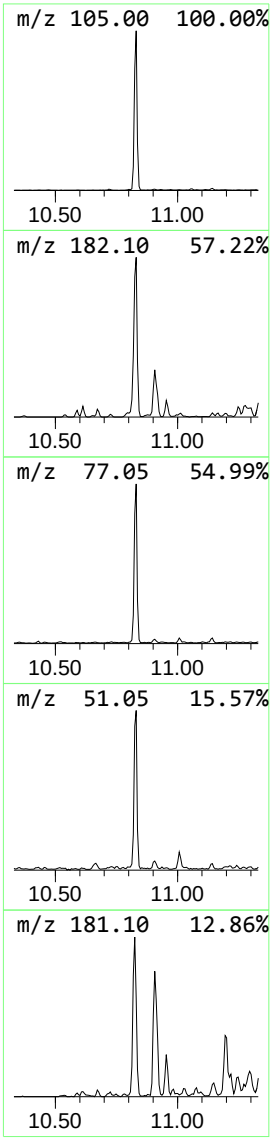
****

Peak Number 2 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.830	9.67 ng	613358	Acenaphthene-d10	10.113

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzilic acid	228	C14H12O3	000076-93-7	50
3	Methyl benzilate	242	C15H14O3	000076-89-1	47
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	43





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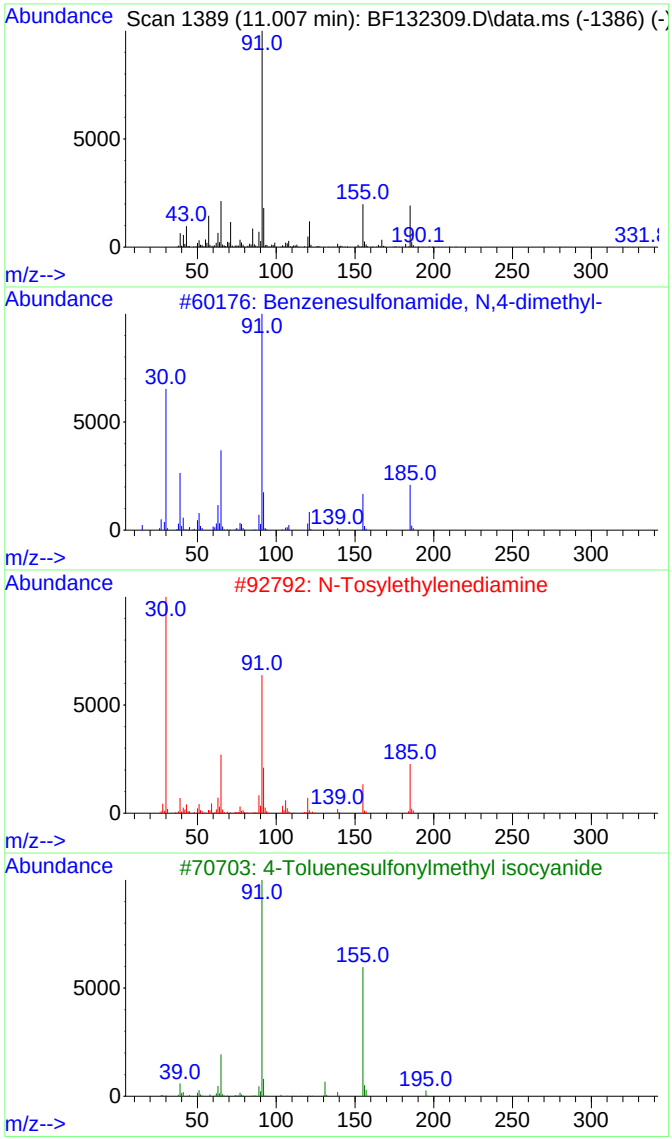
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

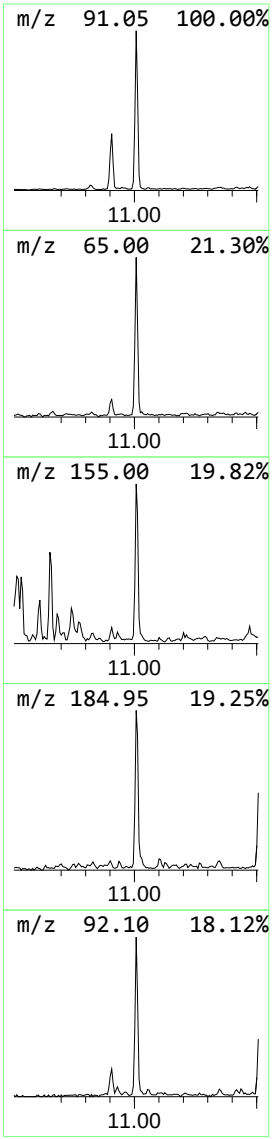
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenesulfonamide, N,4-dim... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.007	6.55 ng	351036	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	N-Tosylethylenediamine	214	C9H14N2O2S	014316-16-6	53
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
4	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47
5	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	47





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Data File : BF132309.D
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Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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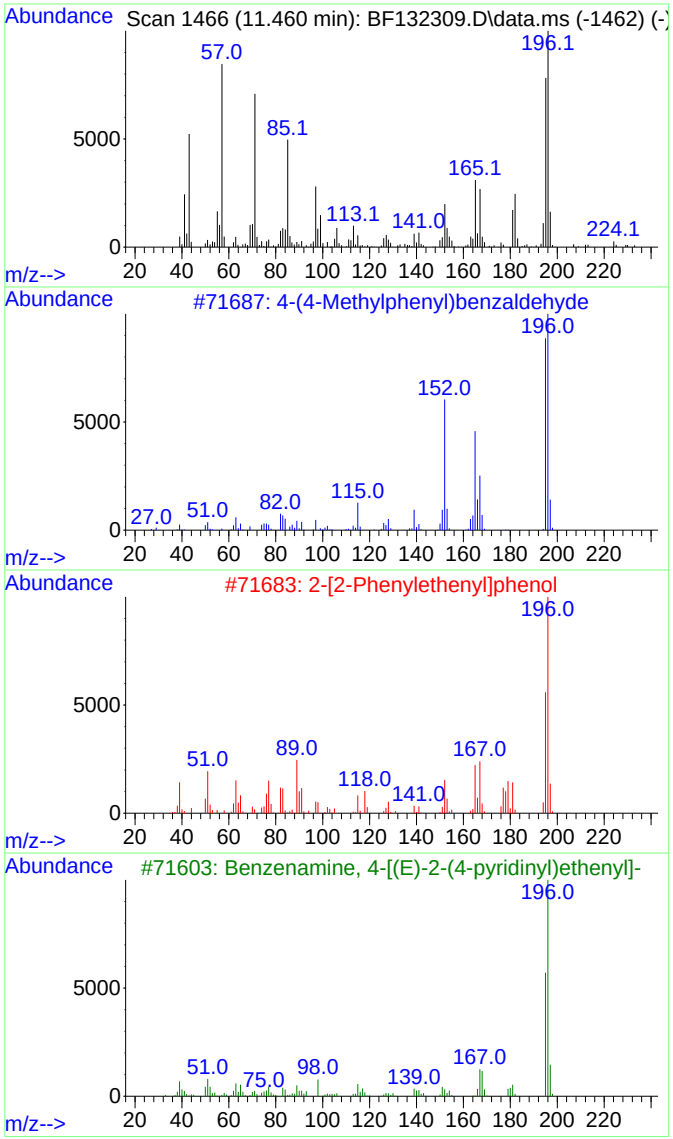
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

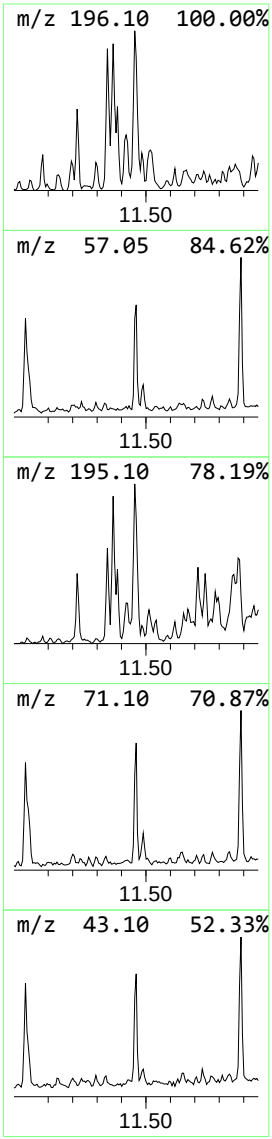
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.460	6.23 ng	334191	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	55
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	45
3	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	43
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	42
5	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	38





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Acq On : 03 Feb 2023 00:27
Operator : CG\JU
Sample : 01386-03
Misc :
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ClientSampleId :
JPP-9-013123

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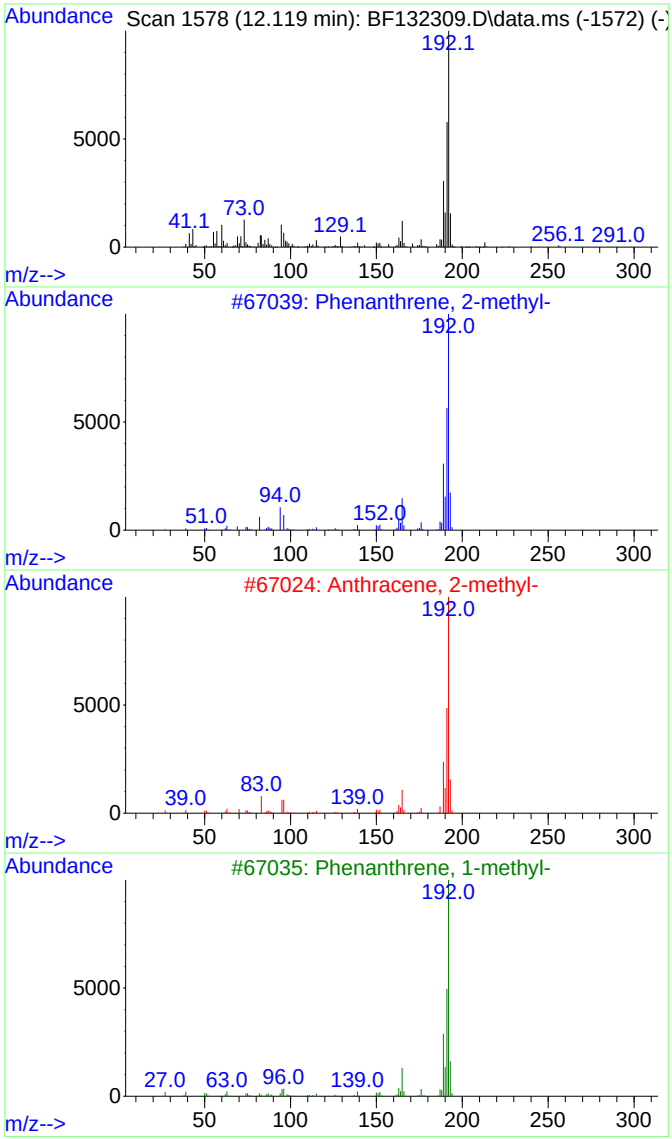
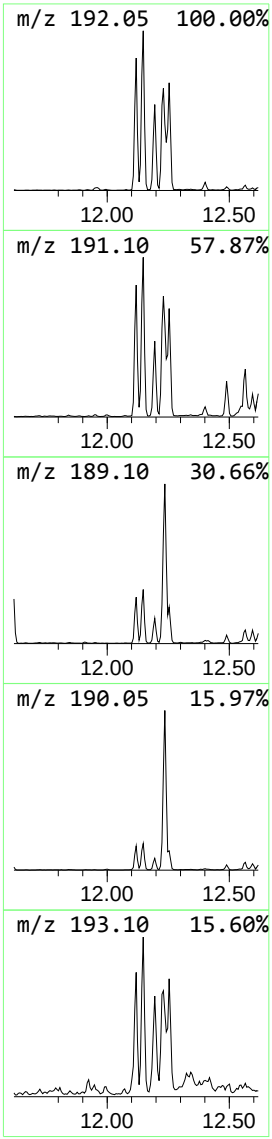
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.118	15.66 ng	839705	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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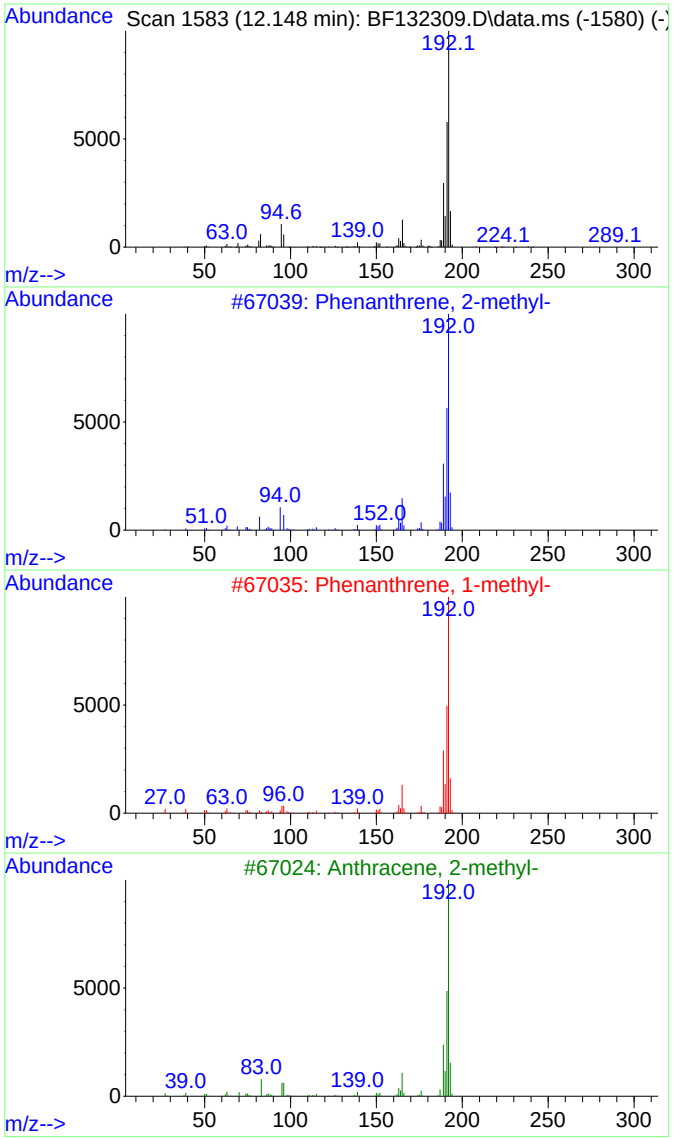
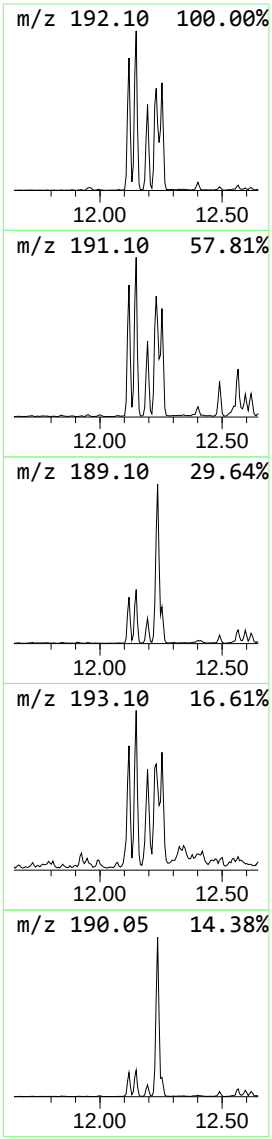
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.148	13.42 ng	719193	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	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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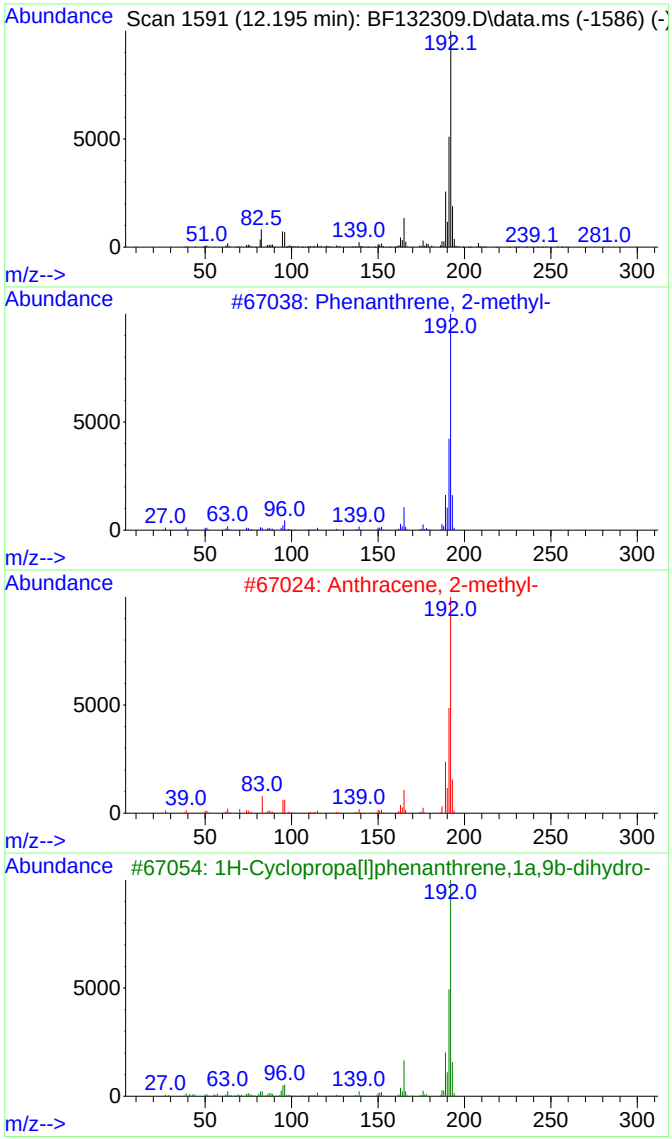
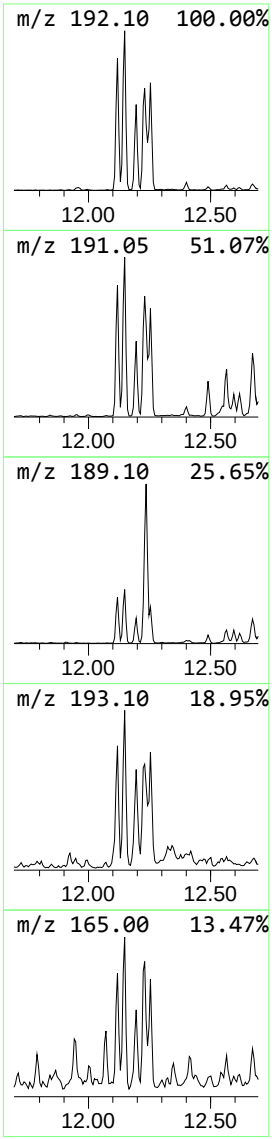
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.195	7.39 ng	396401	Phenanthrene-d10	11.613

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





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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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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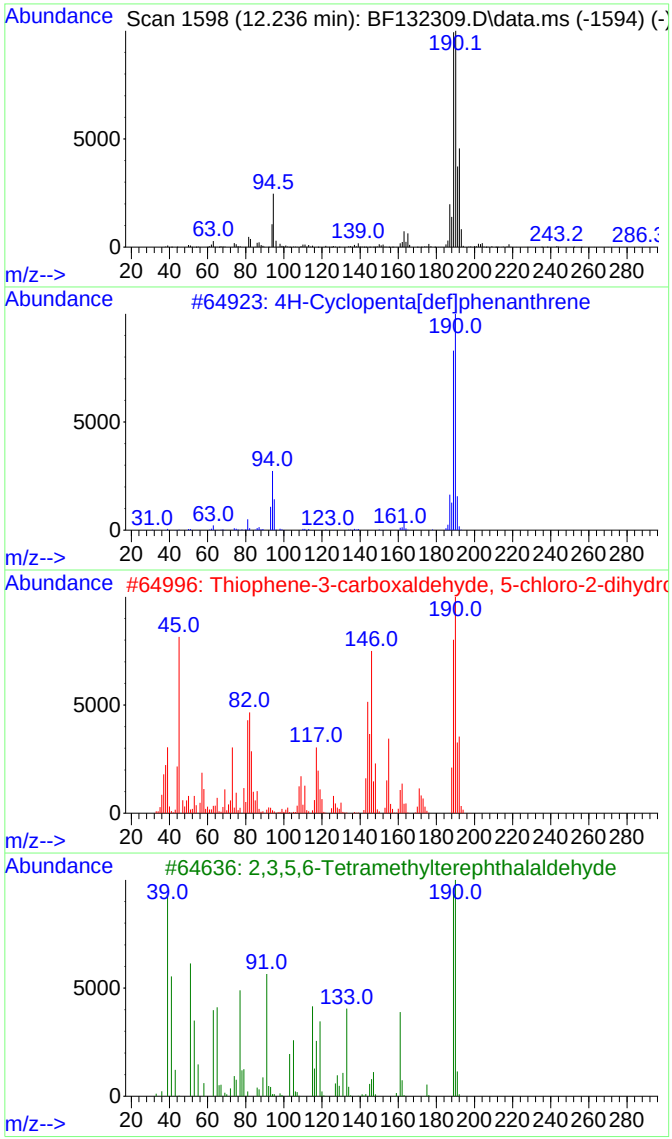
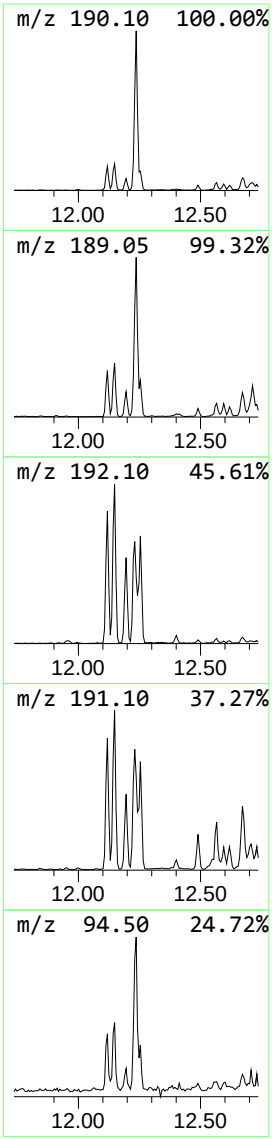
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.236	23.26 ng	1246660	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Misc :
ALS Vial : 18 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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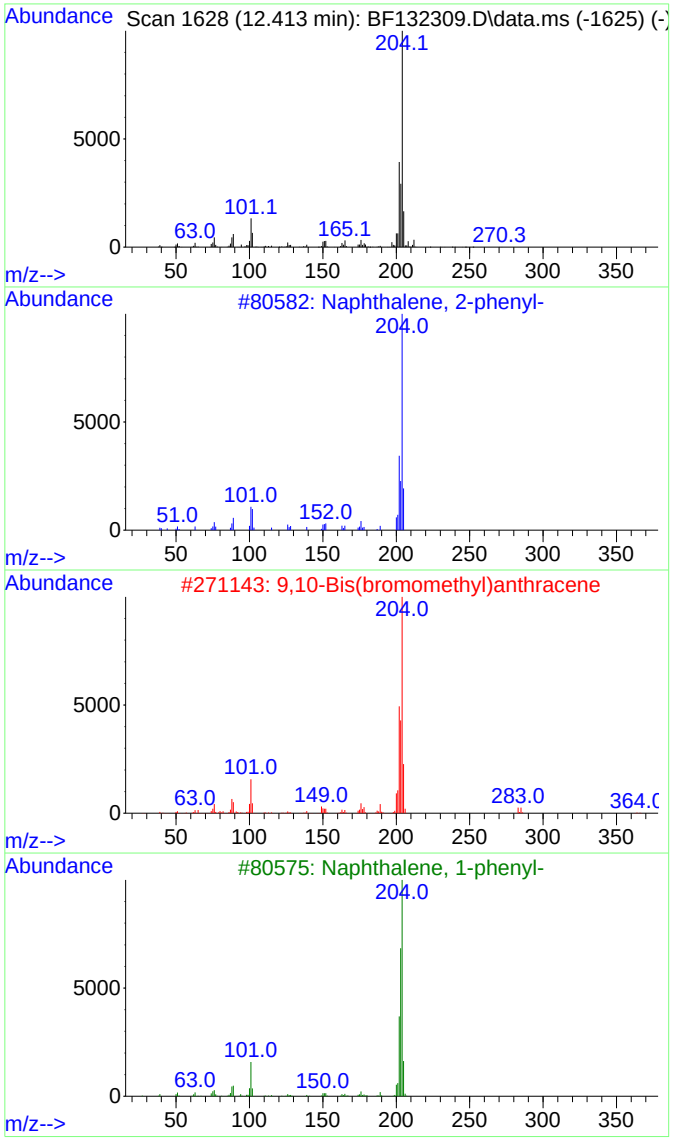
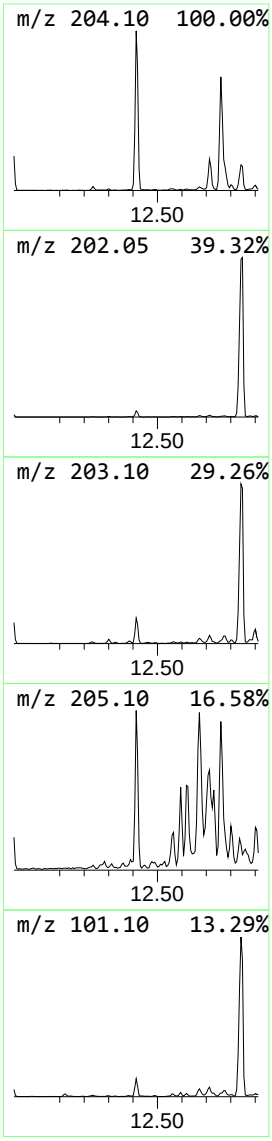
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	9.50 ng	509165	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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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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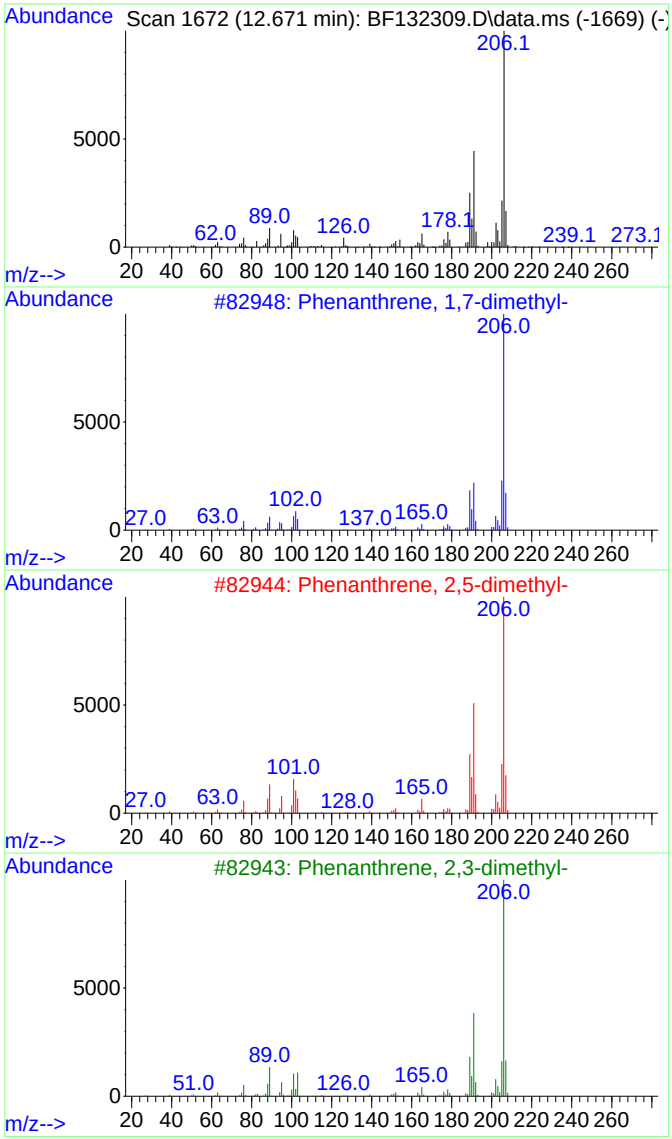
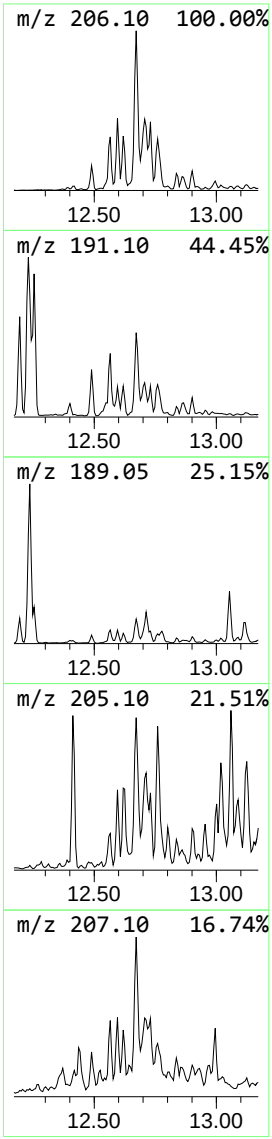
Peak Number 10 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.671	9.70 ng	520224	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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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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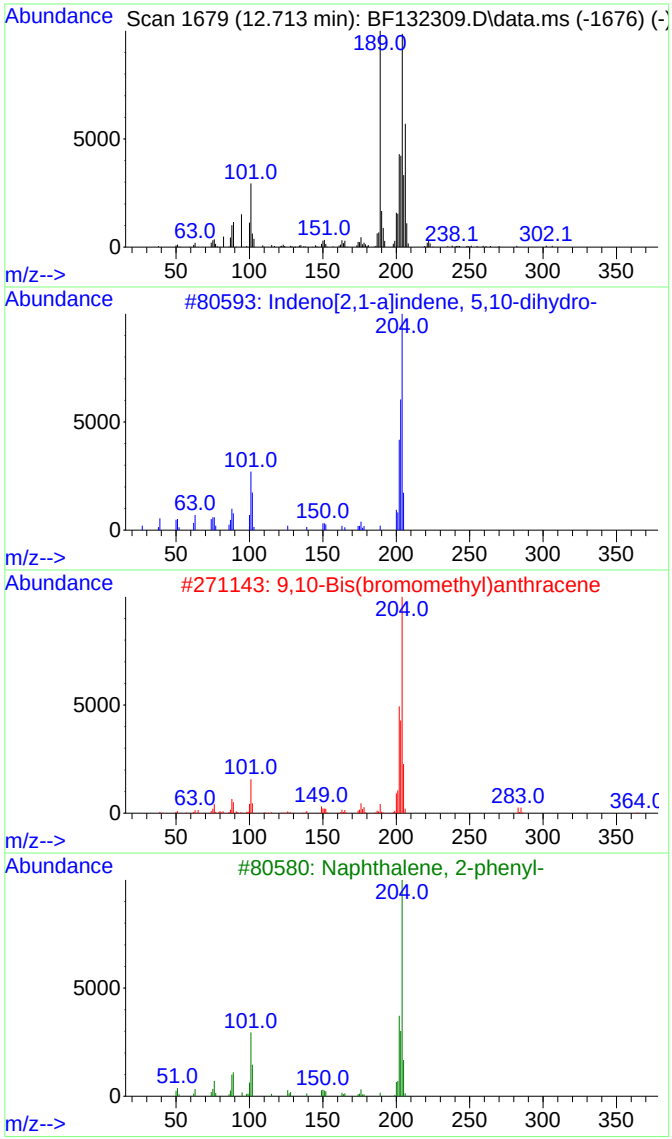
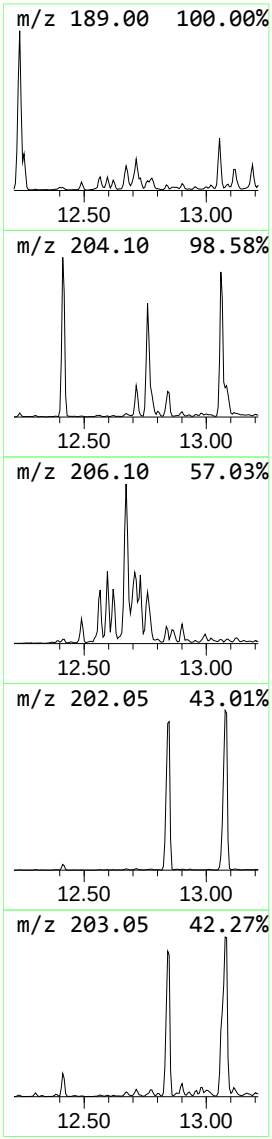
Peak Number 11 unknown12.713 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	5.96 ng	319244	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	46
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38





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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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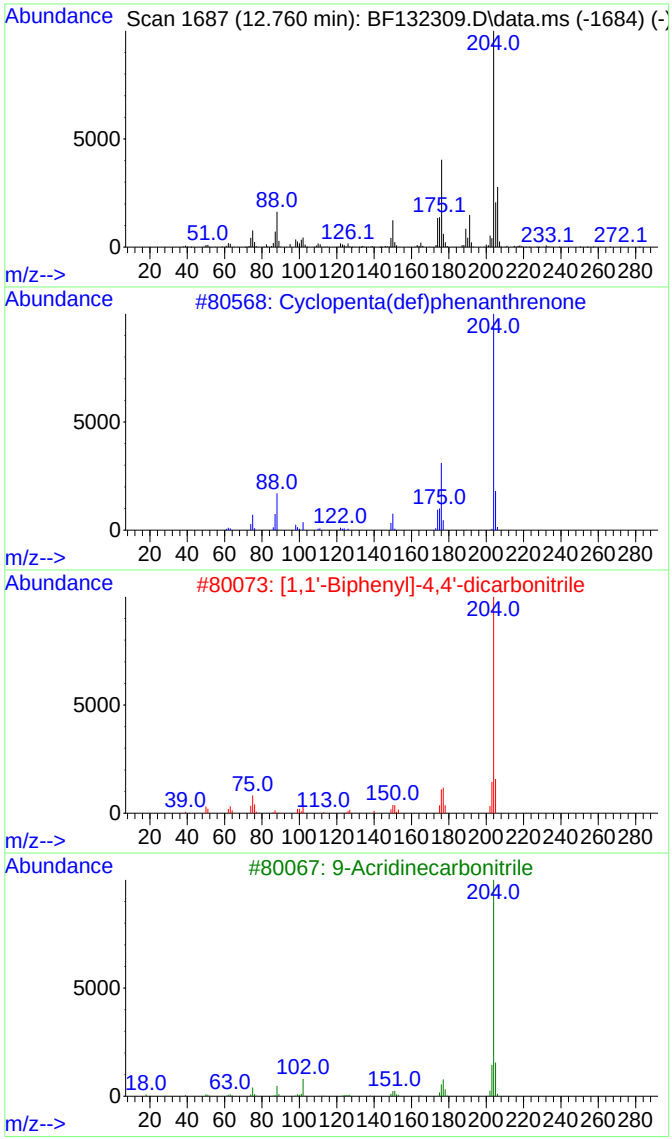
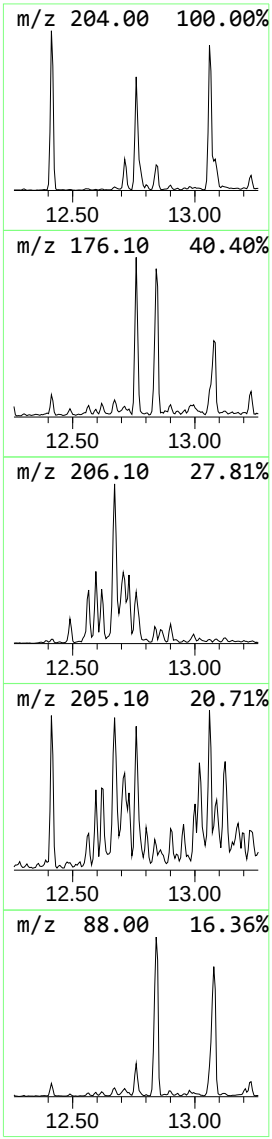
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.760	9.14 ng	489994	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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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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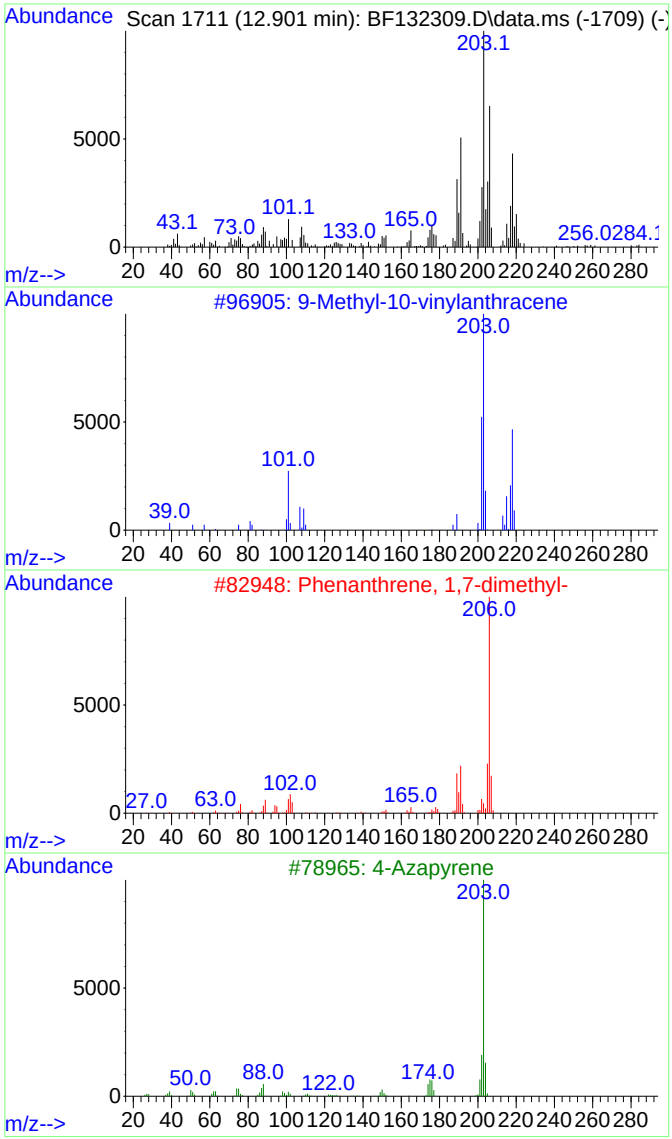
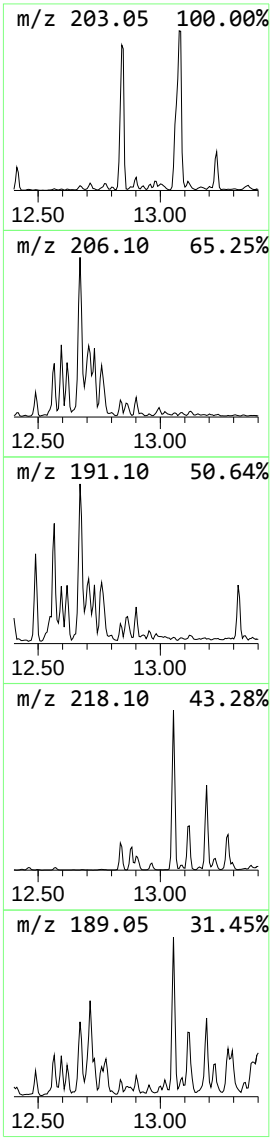
Peak Number 13 unknown12.901 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.901	6.04 ng	323818	Phenanthrene-d10	11.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-10-vinylanthracene	218	C17H14	1000431-68-3	45
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
3	4-Azapyrene	203	C15H9N	000194-03-6	38
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	35
5	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	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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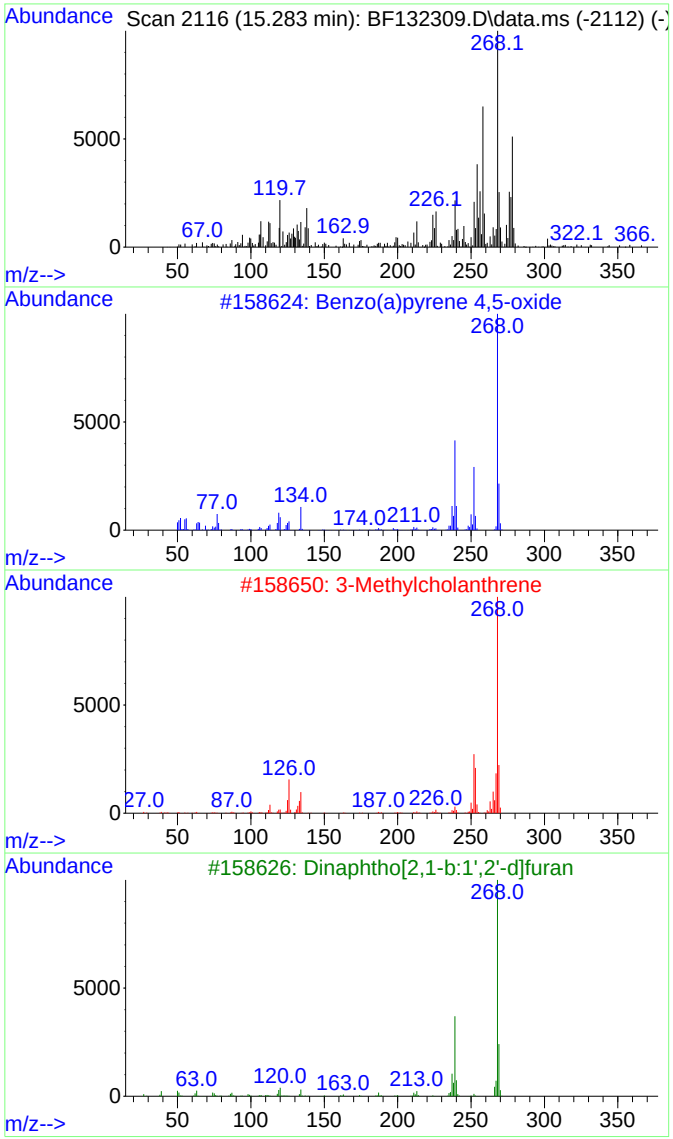
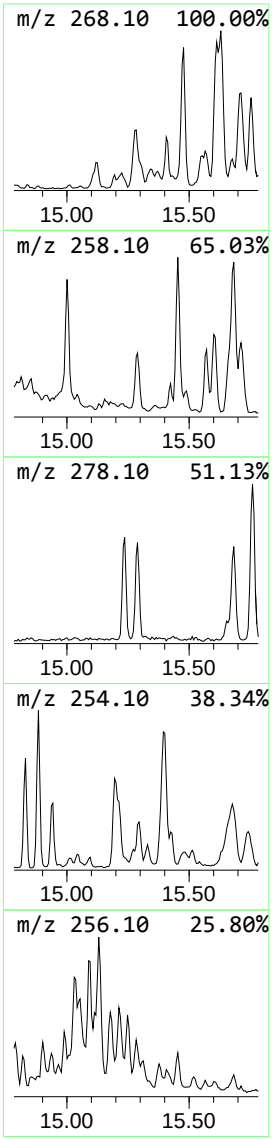
Peak Number 14 unknown15.283 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.283	5.96 ng	280618	Perylene-d12	15.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	49
2	3-Methylcholanthrene	268	C21H16	000056-49-5	35
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	35
4	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	30
5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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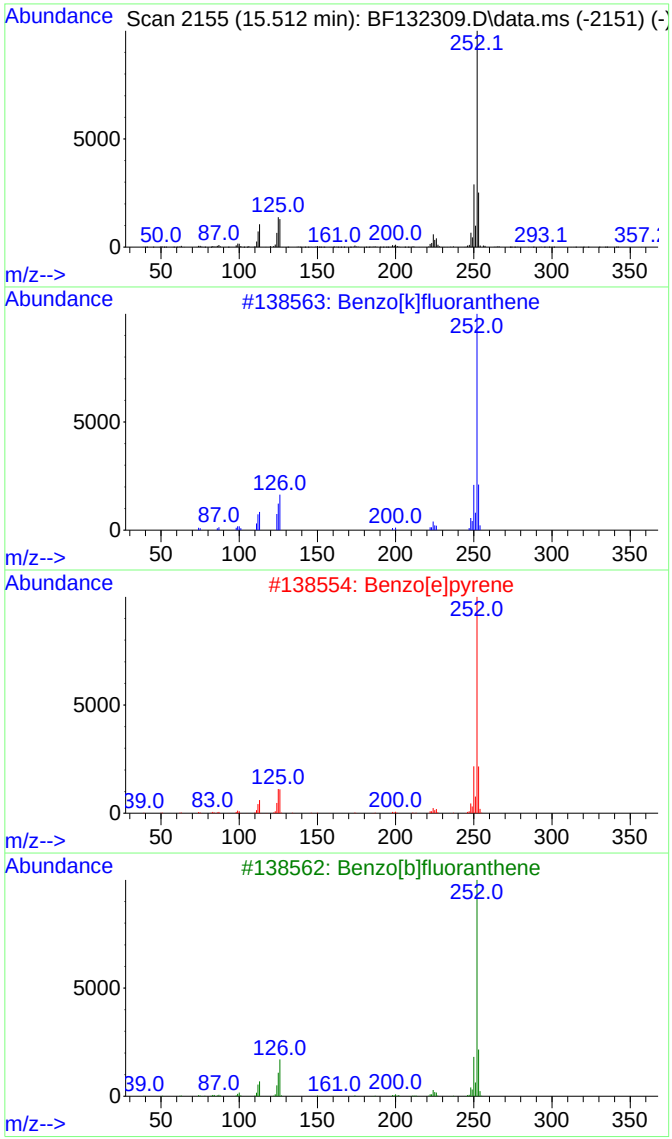
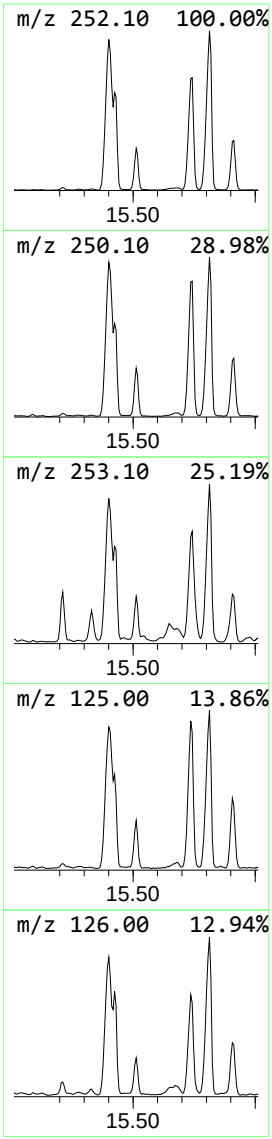
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.512	16.28 ng	766592	Perylene-d12	15.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	89





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Acq On : 03 Feb 2023 00:27
Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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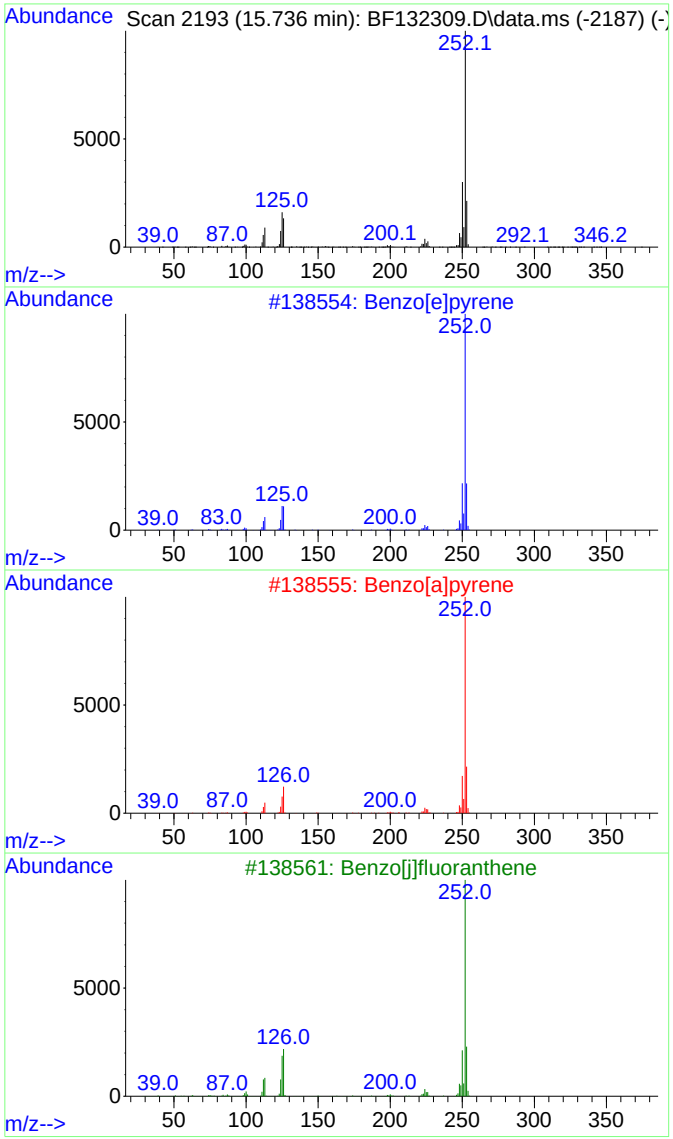
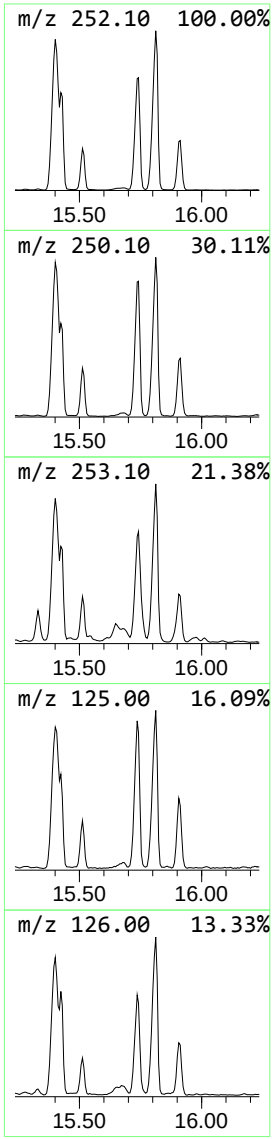
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.736	64.25 ng	3025250	Perylene-d12	15.871

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	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





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Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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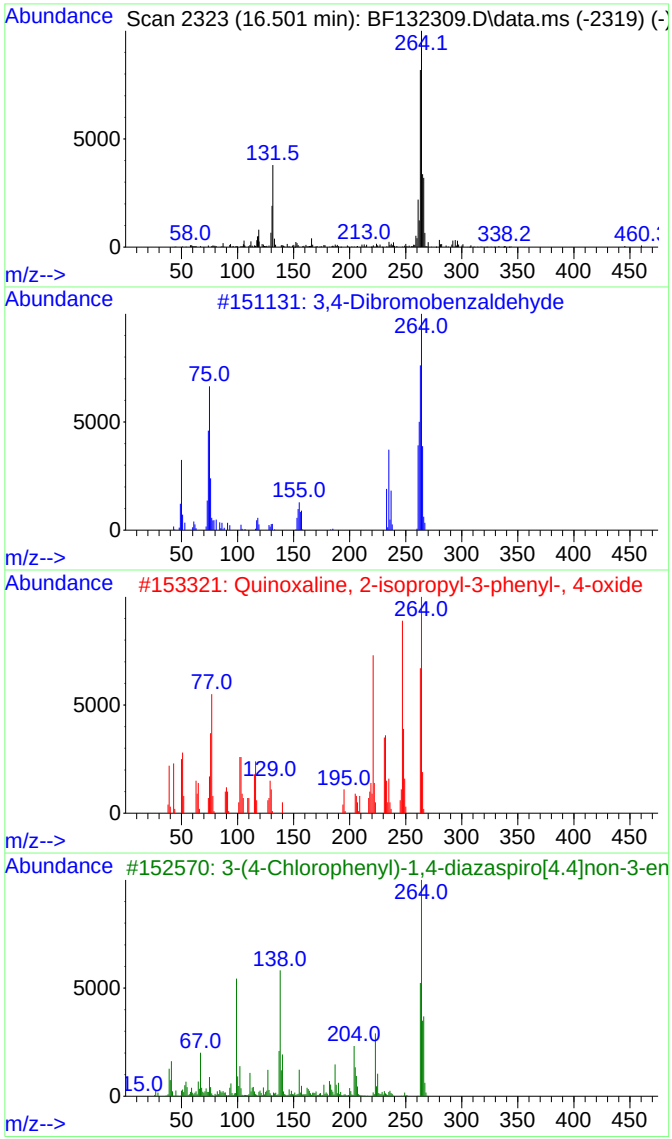
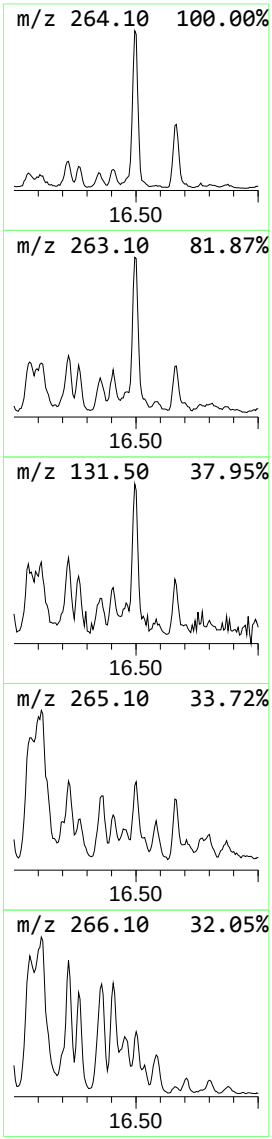
Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	9.29 ng	437486	Perylene-d12	15.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	43
3	3-(4-Chlorophenyl)-1,4-diazaspir...	264	C13H13ClN2S	899926-60-4	37
4	Arsine, dibromoethyl-	262	C2H5AsBr2	000683-43-2	22
5	2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	22





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Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-9-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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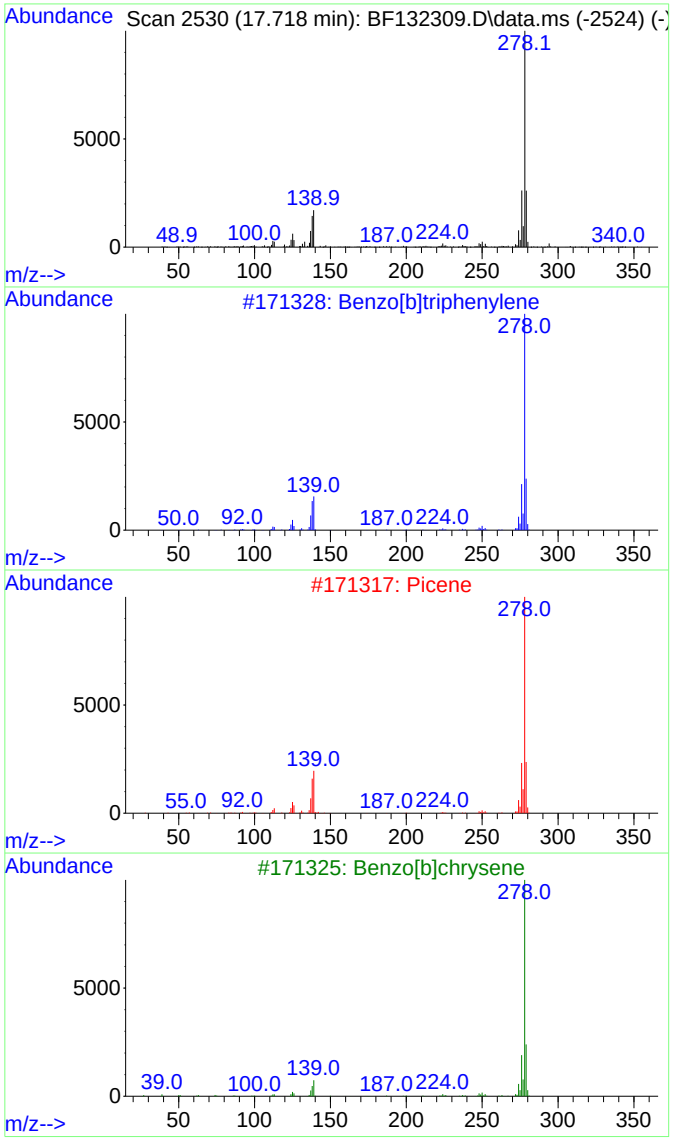
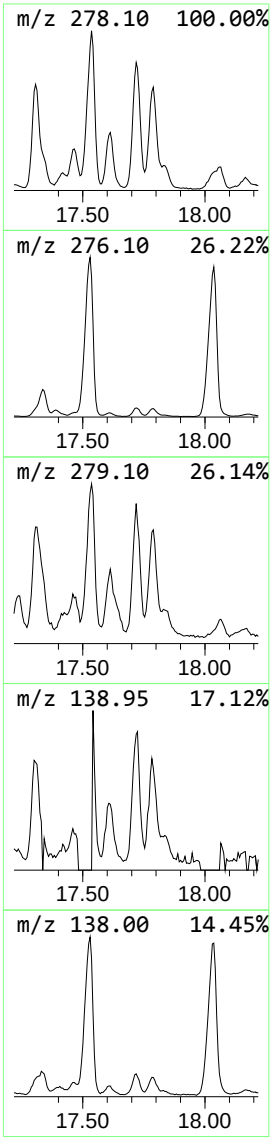
Peak Number 18 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.718	9.48 ng	446606	Perylene-d12	15.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	93





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Acq On : 03 Feb 2023 00:27
Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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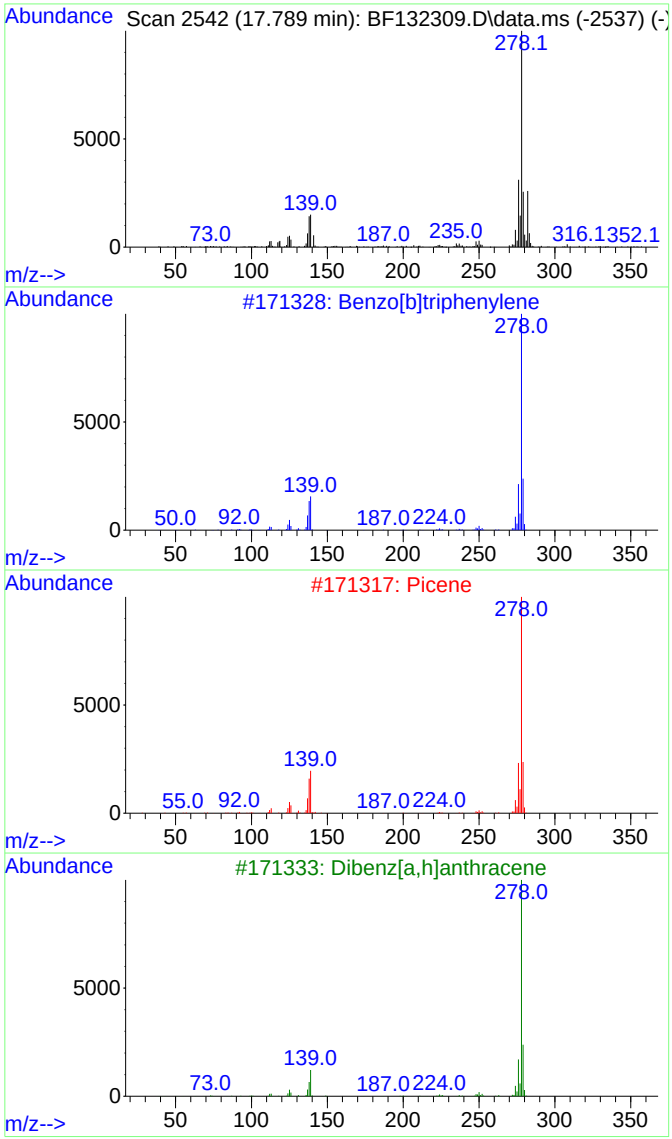
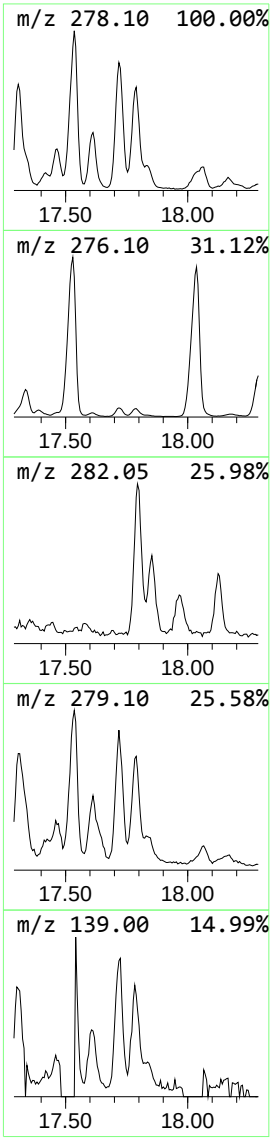
Peak Number 19 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.789	7.47 ng	351752	Perylene-d12	15.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
4	Benzo[b]chrysene	278	C22H14	000214-17-5	92
5	Pentacene	278	C22H14	000135-48-8	83





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Operator : CG\JU
Sample : 01386-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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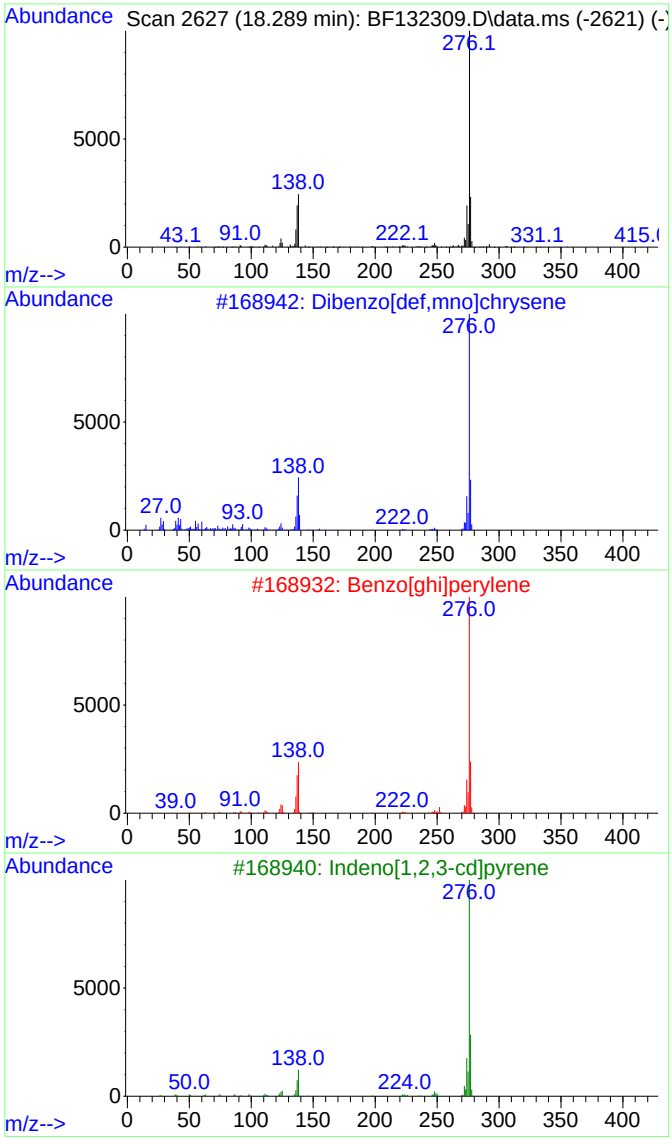
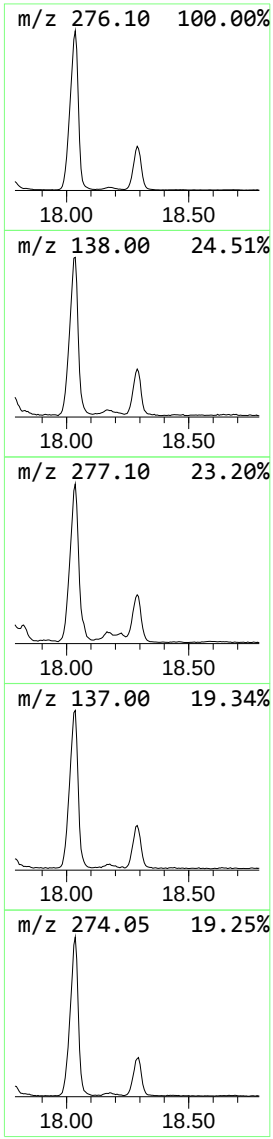
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	15.67 ng	738067	Perylene-d12	15.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	80
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50





Tentatively Identified Compound (LSC) summary

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Misc :
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BNA_F
ClientSampleId :
JPP-9-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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-...	5.307	30.9	ng	1429010	1	7.066	925199	20.0
Benzophenone	10.830	9.7	ng	613358	3	10.113	1268130	20.0
Benzenesulfonam...	11.007	6.5	ng	351036	4	11.613	1072080	20.0
4-(4-Methylphen...	11.460	6.2	ng	334191	4	11.613	1072080	20.0
Phenanthrene, 2...	12.118	15.7	ng	839705	4	11.613	1072080	20.0
Phenanthrene, 1...	12.148	13.4	ng	719193	4	11.613	1072080	20.0
Anthracene, 2-m...	12.195	7.4	ng	396401	4	11.613	1072080	20.0
4H-Cyclopenta[d...	12.236	23.3	ng	1246660	4	11.613	1072080	20.0
Naphthalene, 2-...	12.413	9.5	ng	509165	4	11.613	1072080	20.0
Phenanthrene, 1...	12.671	9.7	ng	520224	4	11.613	1072080	20.0
unknown12.713	12.713	6.0	ng	319244	4	11.613	1072080	20.0
Cyclopenta(def)...	12.760	9.1	ng	489994	4	11.613	1072080	20.0
unknown12.901	12.901	6.0	ng	323818	4	11.613	1072080	20.0
unknown15.283	15.283	6.0	ng	280618	6	15.871	941764	20.0
Benzo[e]pyrene	15.512	16.3	ng	766592	6	15.871	941764	20.0
Benzo[j]fluoran...	15.736	64.3	ng	3025250	6	15.871	941764	20.0
3,4-Dibromobenz...	16.501	9.3	ng	437486	6	15.871	941764	20.0
Benzo[b]triphen...	17.718	9.5	ng	446606	6	15.871	941764	20.0
Picene	17.789	7.5	ng	351752	6	15.871	941764	20.0
Dibenzo[def,mno...	18.289	15.7	ng	738067	6	15.871	941764	20.0