LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

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: BF136963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	564	567	582	rBV	898514	926361	41.34%	3.501%
2	6.434	735	739	751	rBV	1022897	919529	41.04%	3.475%
3	6.616	766	770	773	rBV2	60057	54407	2.43%	0.206%
4	6.781	795	798	804	rVB	328740	272593	12.17%	1.030%
5	7.345	890	894	897	rBV	718708	572286	25.54%	2.163%
6	7.375	897	899	903	rVB	54883	45305	2.02%	0.171%
7	8.063	1013	1016	1018	rBV	347414	312595	13.95%	1.181%
8	8.081	1018	1019	1024	rVB	84118	48673	2.17%	0.184%
9	8.775	1134	1137	1142	rBV	53491	43738	1.95%	0.165%
10	8.875	1150	1154	1157	rVB	38955	34190	1.53%	0.129%
11	9.139	1195	1199	1202	rBV	1175237	1030232	45.98%	3.894%
12	9.475	1252	1256	1259	rBV	37080	37102	1.66%	0.140%
13	9.675	1288	1290	1294	rVB	37220	32373	1.44%	0.122%
14	9.816	1308	1314	1317	rBV	404056	333382	14.88%	1.260%
15	9.851	1317	1320	1323	rVB	224584	186122	8.31%	0.703%
16	10.022	1345	1349	1353	rBV	123202	102650	4.58%	0.388%
17	10.369	1404	1408	1413	rBV	194491	173820	7.76%	0.657%
18	10.433	1413	1419	1420	rBV	31470	34763	1.55%	0.131%
19	10.522	1432	1434	1438	rVB	48085	44934	2.01%	0.170%
20	10.610	1446	1449	1454	rBV	657758	597327	26.66%	2.258%
21	10.916	1494	1501	1504	rBV3	44802	56841	2.54%	0.215%
22	10.957	1504	1508	1511	rVV	127975	116353	5.19%	0.440%
23	11.045	1518	1523	1525	rBV3	25544	30137	1.35%	0.114%
24	11.116	1532	1535	1539	rVB	66160	61205	2.73%	0.231%
25	11.169	1539	1544	1548	rVV3	31367	52186	2.33%	0.197%
26	11.204	1548	1550	1557	rVB	106873	94642	4.22%	0.358%
27	11.310	1565	1568	1570	rBV	356060	334148	14.91%	1.263%
28	11.339	1570	1573	1576	rVV	1862227	1558973	69.58%	5.892%
29	11.386	1576	1581	1584	rVV	514916	486018	21.69%	1.837%
30	11.422	1584	1587	1593	rVB2	45154	53178	2.37%	0.201%
31	11.551	1606	1609	1616	rVB	175877	166900	7.45%	0.631%
32	11.604	1616	1618	1623	rVV4	40278	50391	2.25%	0.190%
33	11.651	1623	1626	1630	rVB5	23708	33895	1.51%	0.128%
34	11.816	1650	1654	1656	rBV	213048	193352	8.63%	0.731%
35	11.845	1656	1659	1663	rVV	438417	388750	17.35%	1.469%
36	11.892	1664	1667	1670	rVV	119608	100607	4.49%	0.380%

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

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	11.927	1670	1673	1676	rVV	327999	341789	15.25%	1.292%
38	11.951	1676	1677	1682	rVB	136843	79881	3.57%	0.302%
39	11.998	1682	1685	1687	rBV	31990	33931	1.51%	0.128%
40	12.092	1696	1701	1702	rBV4	38680	41439	1.85%	0.157%
41	12.116	1702	1705	1707	rVV	142013	126794	5.66%	0.479%
42	12.145	1707	1710	1713	rVB	93500	78070	3.48%	0.295%
43	12.263	1727	1730	1733	rVB	43497	38448	1.72%	0.145%
44	12.292	1733	1735	1737	rBV	36002	29239	1.30%	0.111%
45	12.316	1737	1739	1744	rVB2	28236	29810	1.33%	0.113%
46	12.369	1744	1748	1751	rBV	87518	98592	4.40%	0.373%
47	12.404	1751	1754	1757	rVV2	51919	56637	2.53%	0.214%
48	12.463	1760	1764	1768	rVB3	83272	97002	4.33%	0.367%
49	12.539	1772	1777	1780	rBV	2148188	2151795	96.04%	8.133%
50	12.598	1785	1787	1790	rVB	55012	46457	2.07%	0.176%
51	12.633	1790	1793	1796	rBV2	55558	57339	2.56%	0.217%
52	12.680	1798	1801	1804	rVB2	71703	75051	3.35%	0.284%
53	12.769	1810	1816	1821	rBV2	1790722	2240605	100.00%	8.469%
54	12.810	1821	1823	1828	rVB2	95795	102496	4.57%	0.387%
55	12.886	1832	1836	1837	rBV	131642	143801	6.42%	0.544%
56	12.904	1837	1839	1846	rVB2	1038831	1068645	47.69%	4.039%
57	12.986	1847	1853	1856	rBV3	118902	201984	9.01%	0.763%
58	13.021	1856	1859	1861	rBV	50546	40154	1.79%	0.152%
59	13.069	1863	1867	1869	rBV3	109131	131323	5.86%	0.496%
60	13.092	1869	1871	1875	rVB	321036	297449	13.28%	1.124%
61	13.139	1875	1879	1880	rBV3	34511	49603	2.21%	0.187%
62	13.163	1880	1883	1885	rVV2	279871	231129	10.32%	0.874%
63	13.198	1885	1889	1891	rVV2	198481	222321	9.92%	0.840%
64	13.221	1891	1893	1896	rVV2	62981	70698	3.16%	0.267%
65	13.257	1896	1899	1902	rVV2	53331	51470	2.30%	0.195%
66	13.292	1902	1905	1908	rVV	91585	85140	3.80%	0.322%
67	13.321	1908	1910	1914	rVV2	101984	111290	4.97%	0.421%
68	13.386	1918	1921	1923	rVV3	36042	39461	1.76%	0.149%
69	13.480	1933	1937	1941	rBV6	53702	103541	4.62%	0.391%
70	13.521	1942	1944	1946	rVB	47568	36187	1.62%	0.137%
71	13.580	1951	1954	1956	rBV3	51839	55530	2.48%	0.210%
72	13.610	1956	1959	1962	rVB	123492	111798	4.99%	0.423%
73	13.716	1974	1977	1980	rBV	176475	173123	7.73%	0.654%
74	13.745	1980	1982	1984	rVV	190217	148520	6.63%	0.561%
75	13.769	1984	1986	1988	rVV	162423	156075	6.97%	0.590%
76	13.816	1992	1994	1998	rVB	139038	141778	6.33%	0.536%

LSC Area Percent Report

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Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MR-317-0-2D

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

77	13.886	2001	2006	2012	rVB	73522	126107	5.63%	0.477%
78	13.968	2013	2020	2023	rVV2	1106892	1682131	75.07%	6.358%
79	14.004	2023	2026	2033	rVB	1021215	958598	42.78%	3.623%
80	14.080	2033	2039	2041	rBV2	233334	270830	12.09%	1.024%
81	14.121	2044	2046	2052	rVV3	65154	118450	5.29%	0.448%
82	14.168	2052	2054	2056	rVV	84536	77477	3.46%	0.293%
83	14.204	2058	2060	2063	rVB	93864	77791	3.47%	0.294%
84	14.321	2077	2080	2082	rBV2	78855	74343	3.32%	0.281%
85	14.363	2082	2087	2090	rVV	180492	209649	9.36%	0.792%
86	14.392	2090	2092	2096	rVV2	78694	78208	3.49%	0.296%
87	14.439	2097	2100	2102	rVV3	74609	94524	4.22%	0.357%
88	14.486	2105	2108	2110	rVV	98710	96473	4.31%	0.365%
89	14.504	2110	2111	2114	rVB	93953	78805	3.52%	0.298%
90	14.680	2138	2141	2143	rBV2	56973	59369	2.65%	0.224%
91	14.751	2151	2153	2157	rBV4	37540	46629	2.08%	0.176%
92	14.863	2169	2172	2175	rBV2	48131	52402	2.34%	0.198%
93	15.027	2195	2200	2203	rBV	624367	961477	42.91%	3.634%
94	15.133	2215	2218	2222	rVB	128628	125494	5.60%	0.474%
95	15.333	2248	2252	2259	rVB	353832	465767	20.79%	1.760%
96	15.404	2259	2264	2268	rBV	530903	643392	28.72%	2.432%
97	15.463	2270	2274	2276	rVV	172347	212664	9.49%	0.804%
98	15.492	2276	2279	2285	rVB	156380	199980	8.93%	0.756%
99	16.980	2526	2532	2540	rVB2	209913	421798	18.83%	1.594%
100	17.445	2605	2611	2622	rVB	151282	349286	15.59%	1.320%

Sum of corrected areas: 26457997

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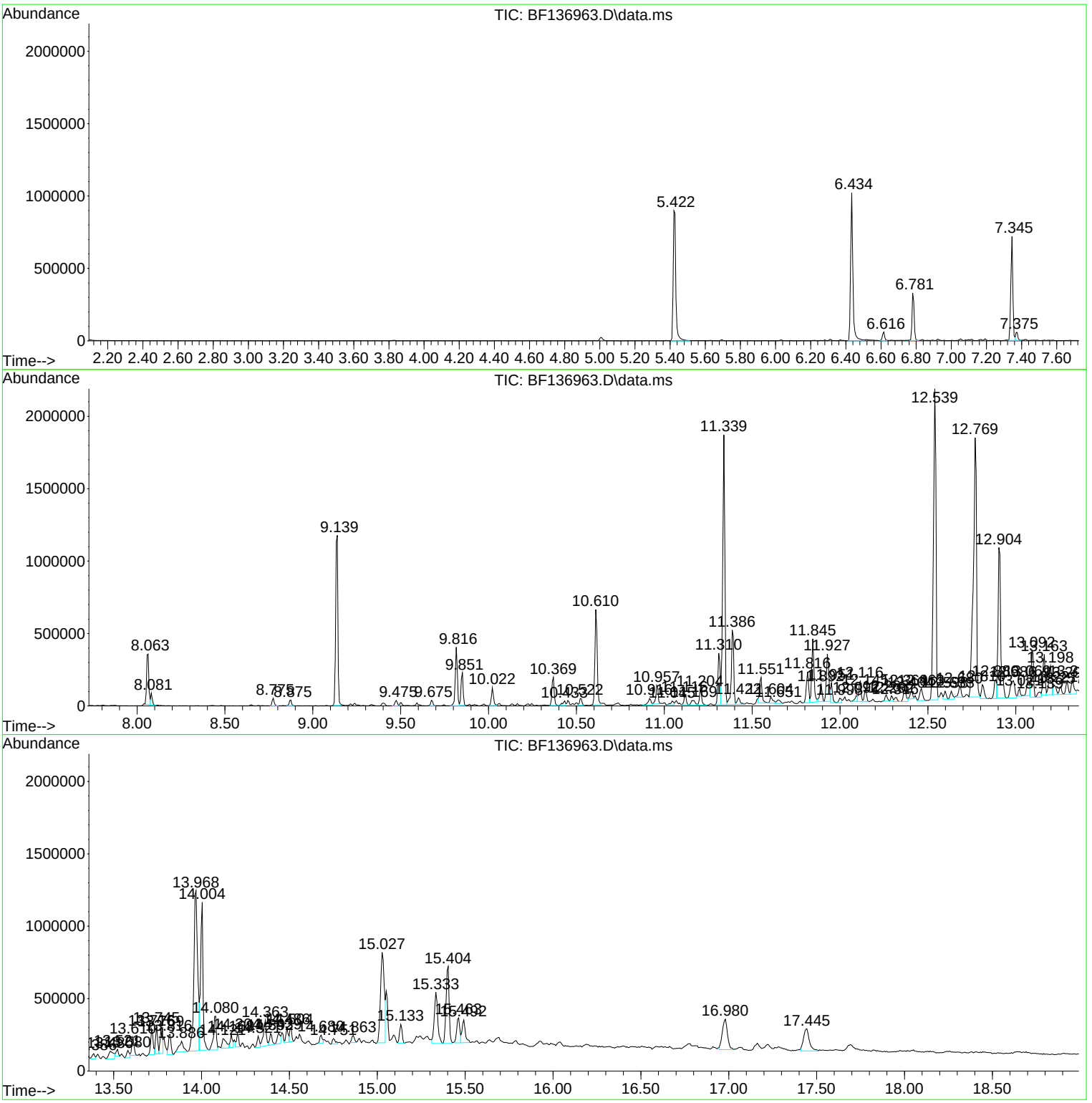
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
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Instrument :
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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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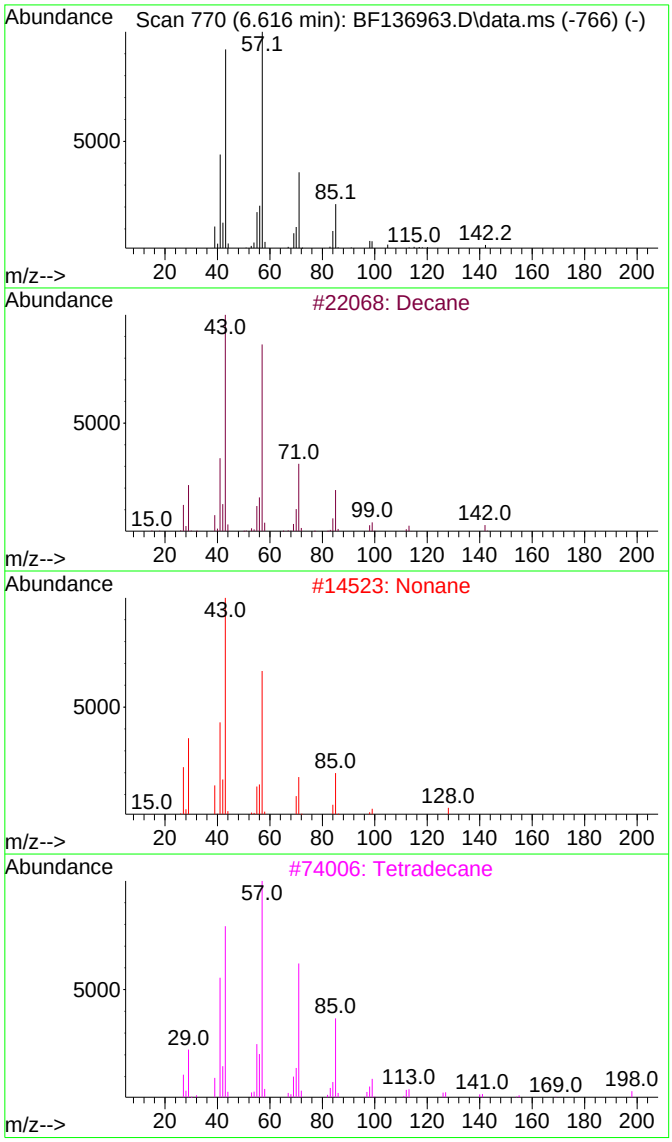
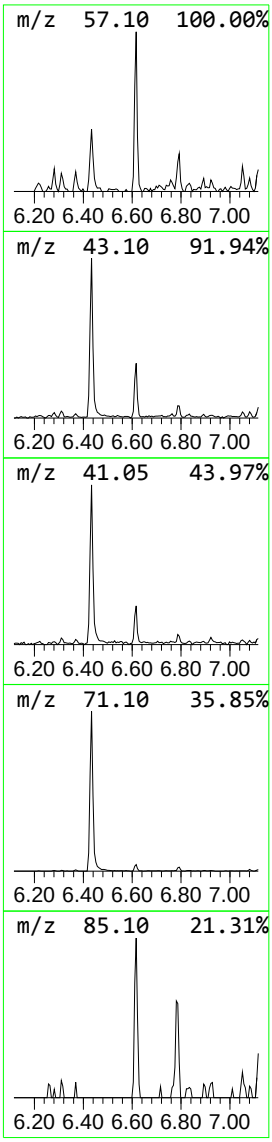
Peak Number 1 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	3.99 ng	54407	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Nonane	128	C9H20	000111-84-2	90
3	Tetradecane	198	C14H30	000629-59-4	78
4	Undecane	156	C11H24	001120-21-4	78
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
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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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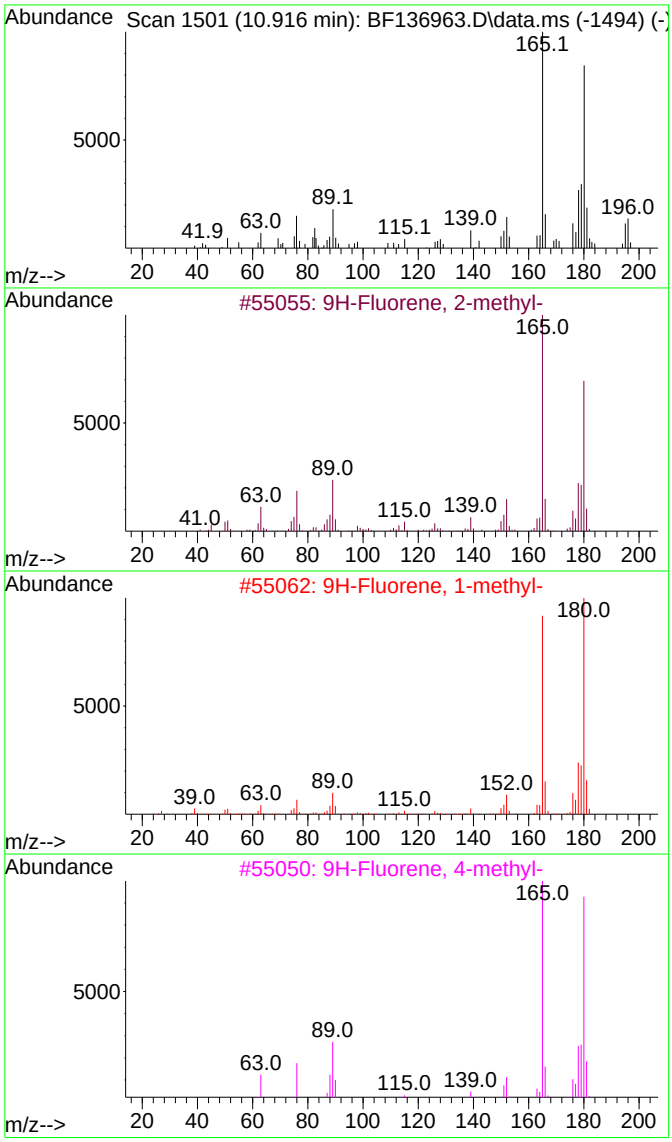
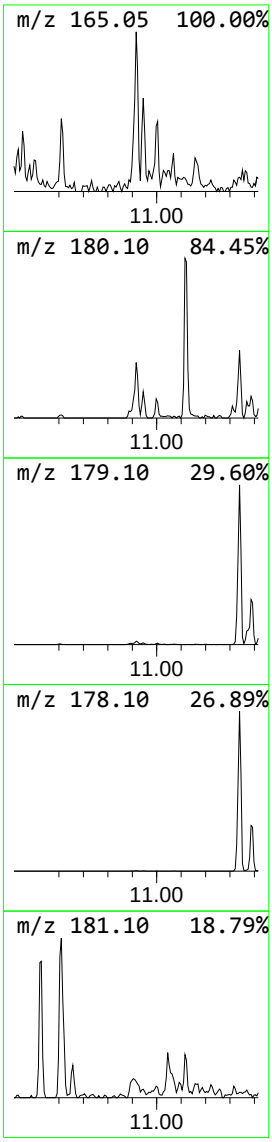
Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	3.40 ng	56841	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
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Instrument :
BNA_F
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MR-317-0-2D

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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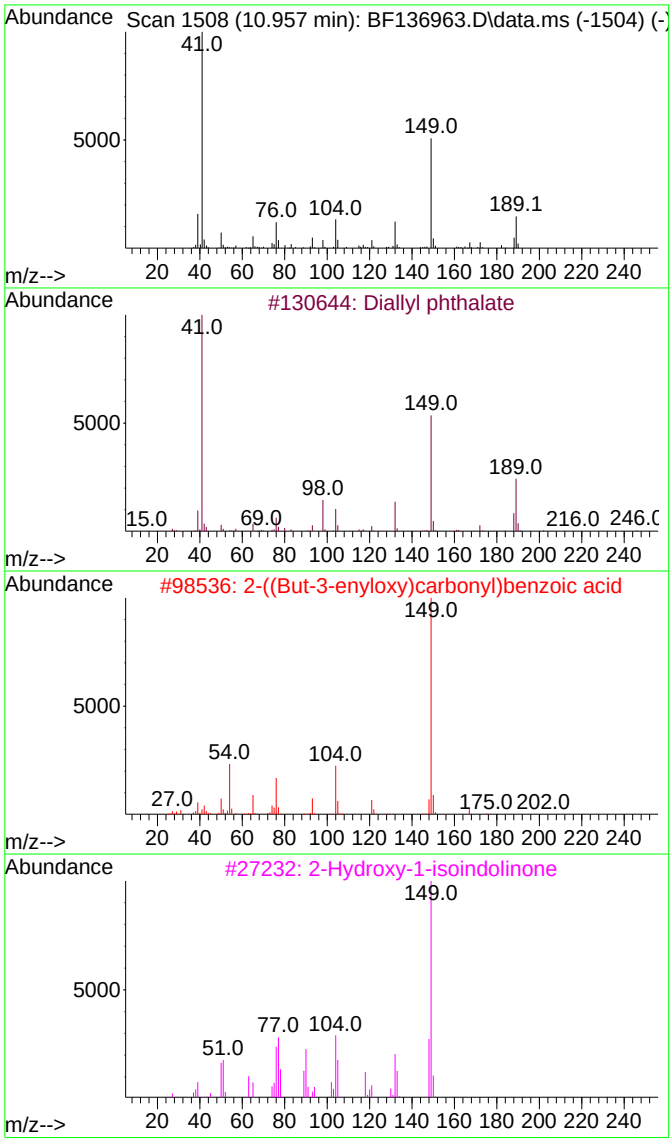
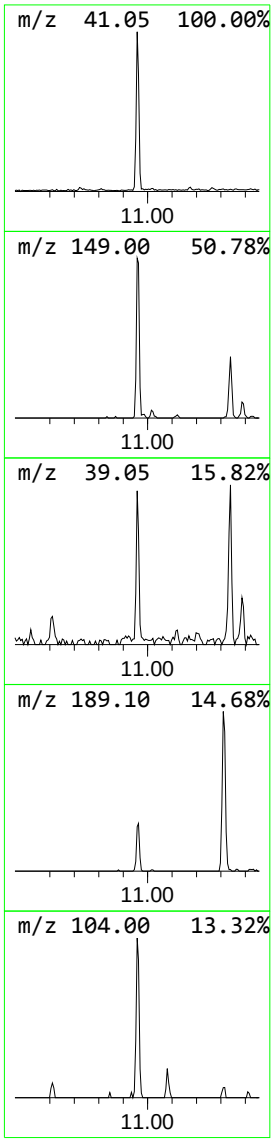
Peak Number 3 Diallyl phthalate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.957	6.96 ng	116353	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diallyl phthalate	246	C14H14O4	000131-17-9	78
2	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	113793-34-3	50
3	2-Hydroxy-1-isoindolinone	149	C8H7NO2	1000289-12-0	45
4	Phthalic acid, allyl ethyl ester	234	C13H14O4	033672-94-5	42
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	40





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ClientSampleId :
MR-317-0-2D

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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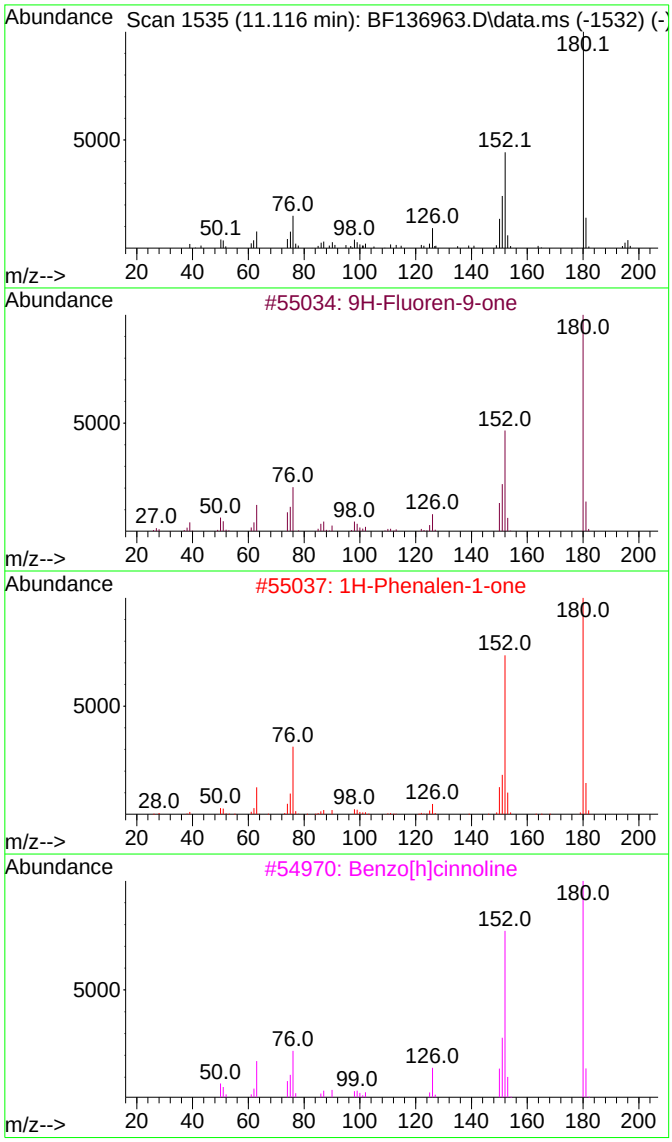
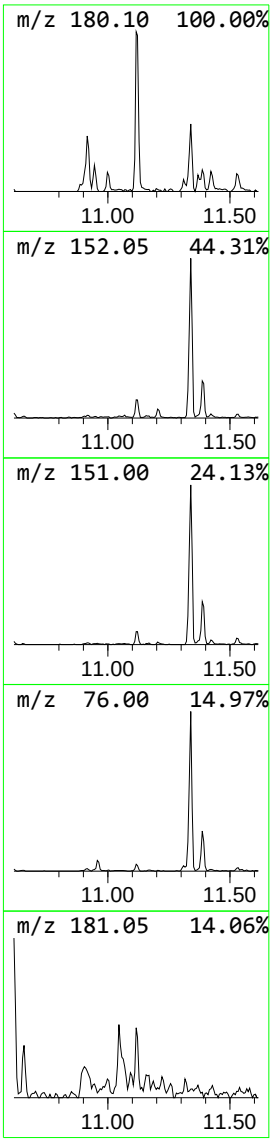
Peak Number 4 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	3.66 ng	61205	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

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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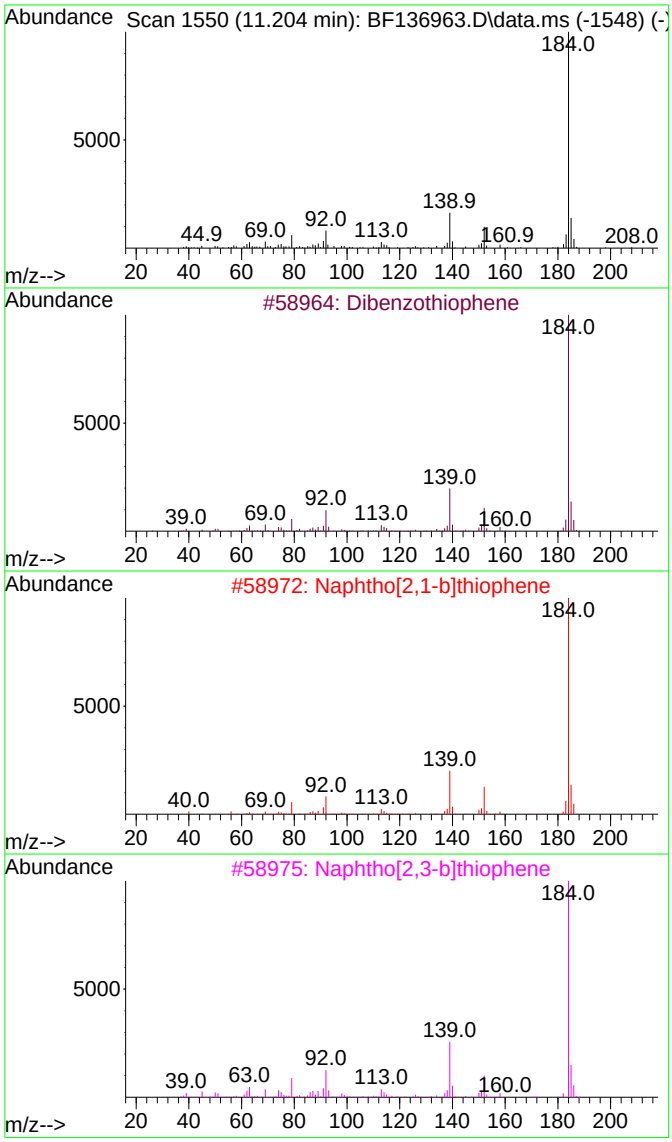
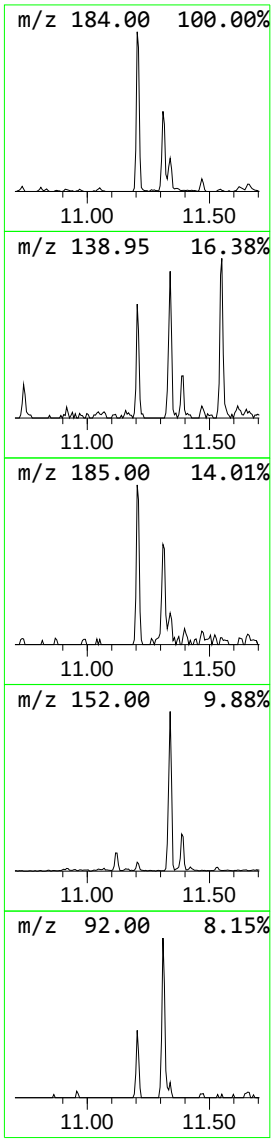
Peak Number 5 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	5.66 ng	94642	Phenanthrene-d10	11.310

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





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Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
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ClientSampleId :
MR-317-0-2D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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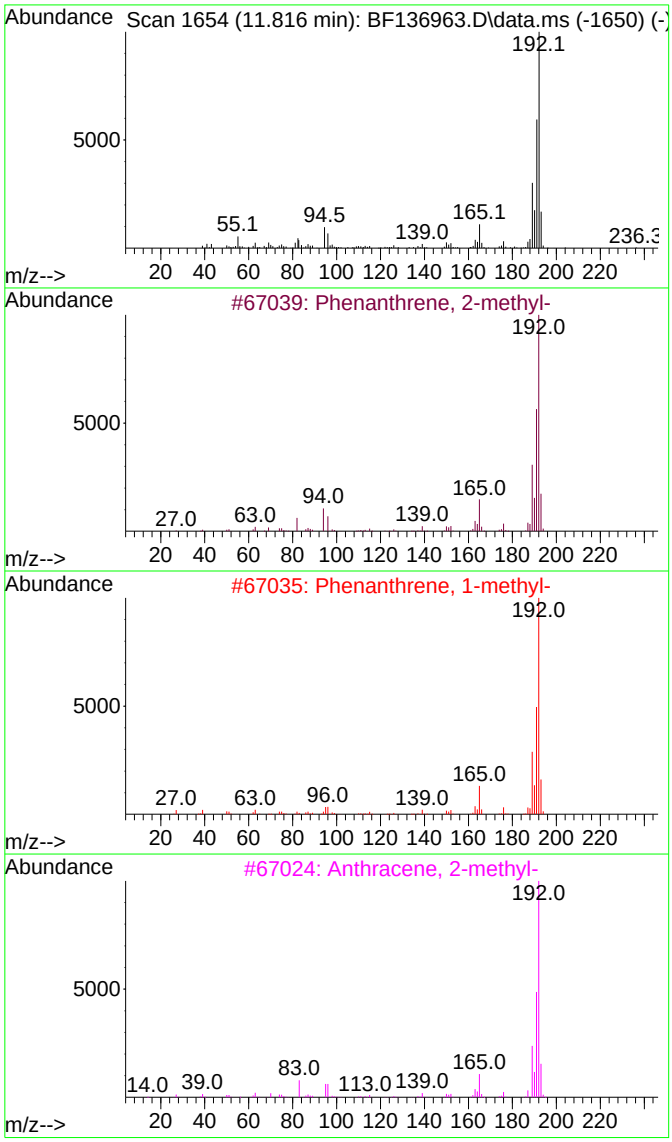
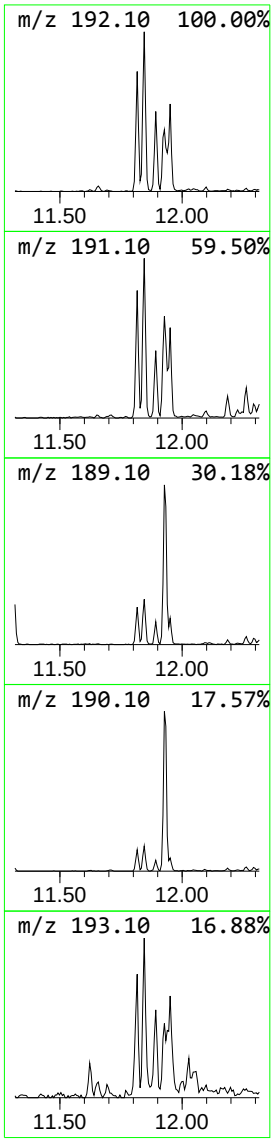
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	11.57 ng	193352	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

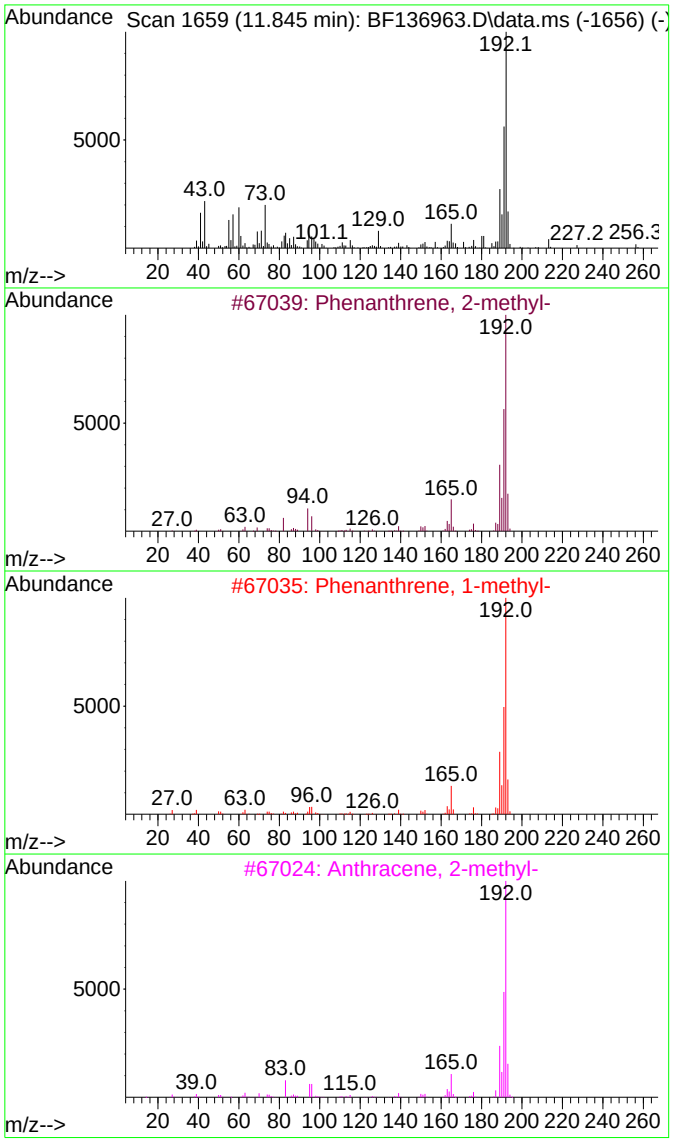
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

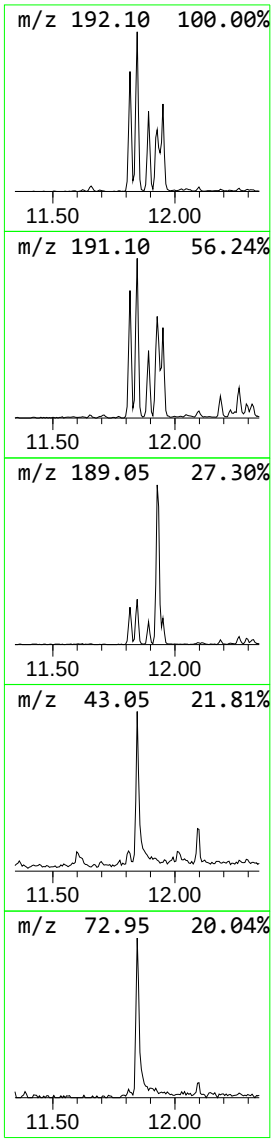
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	23.27 ng	388750	Phenanthrene-d10	11.310

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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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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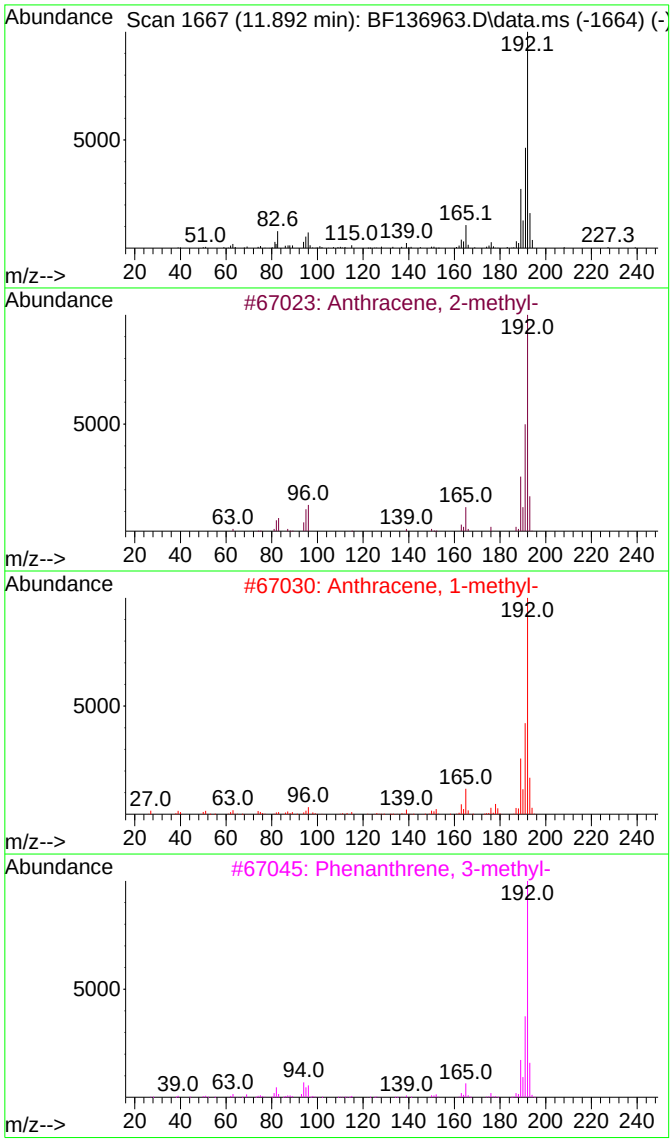
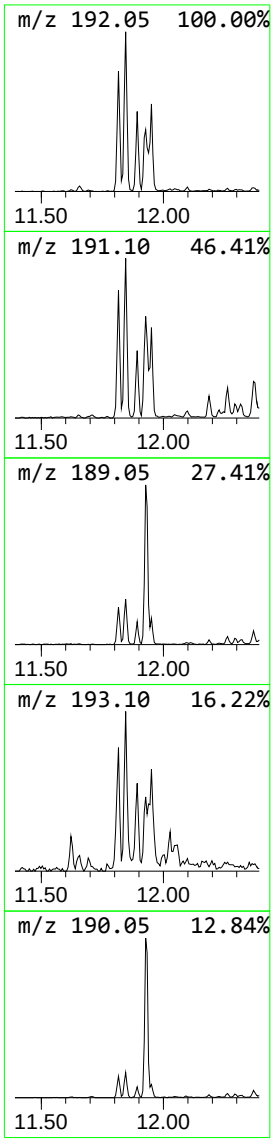
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.02 ng	100607	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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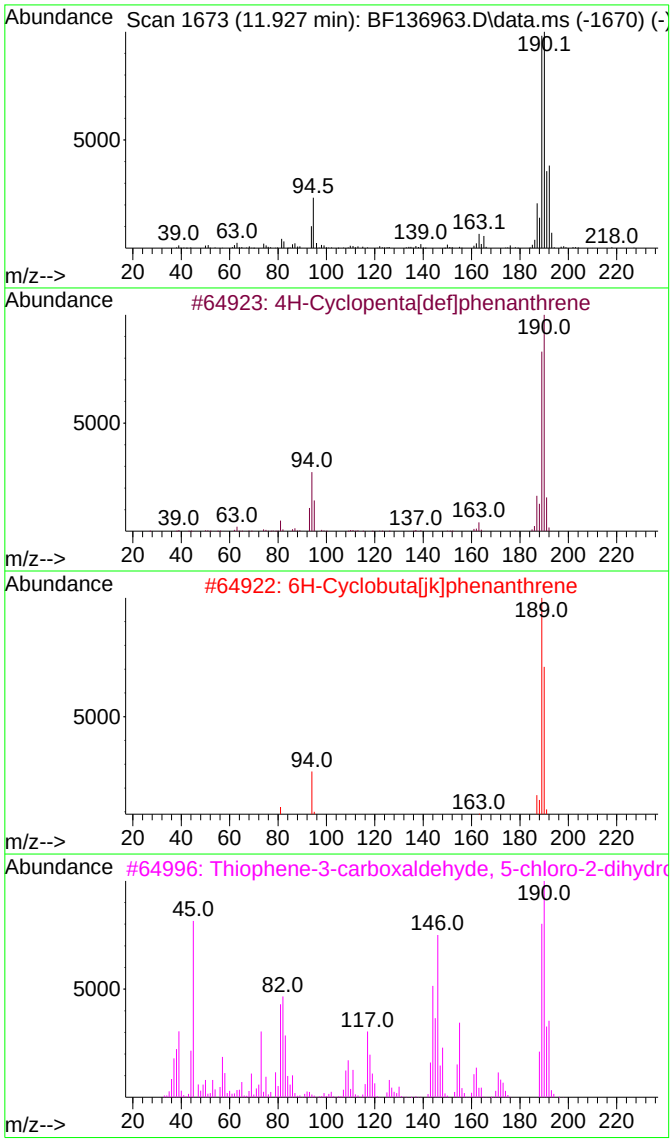
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

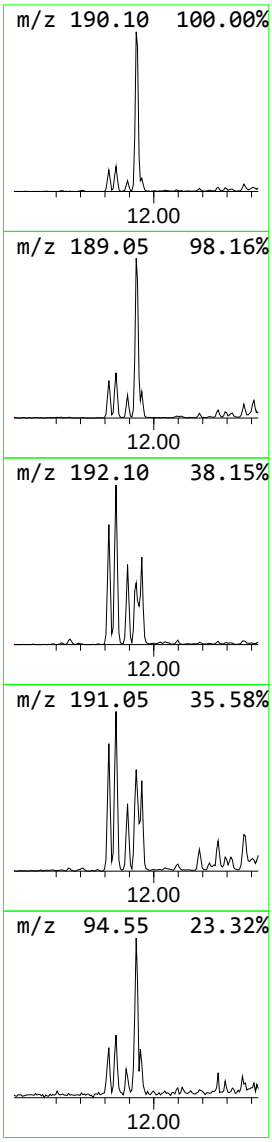
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	20.46 ng	341789	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





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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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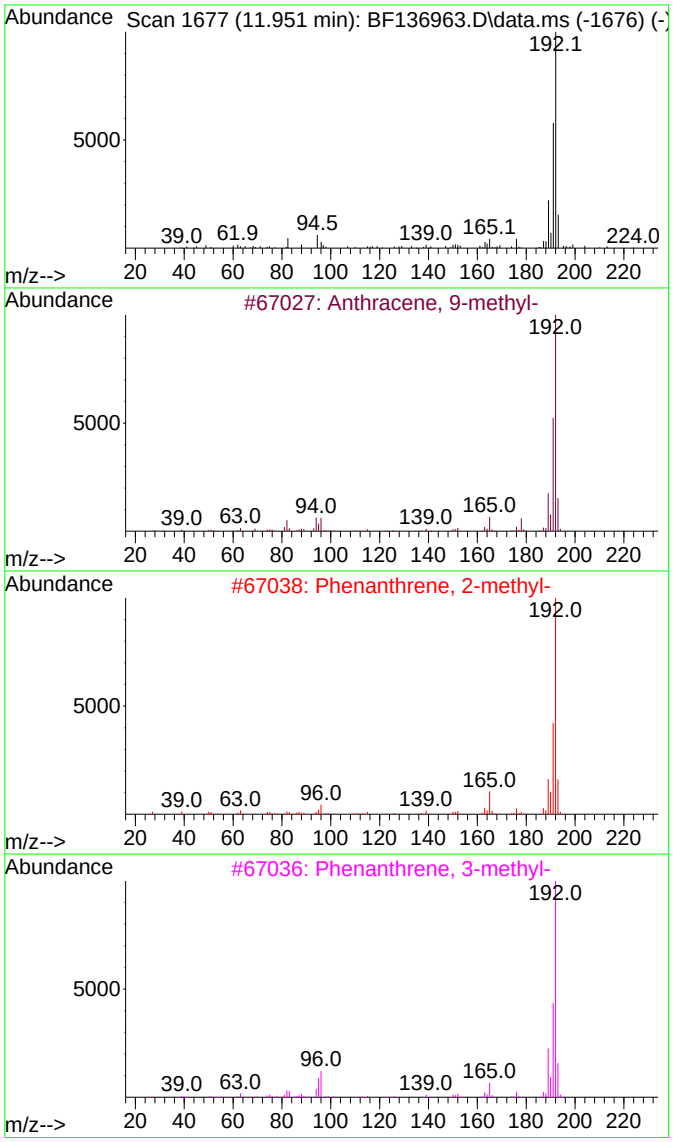
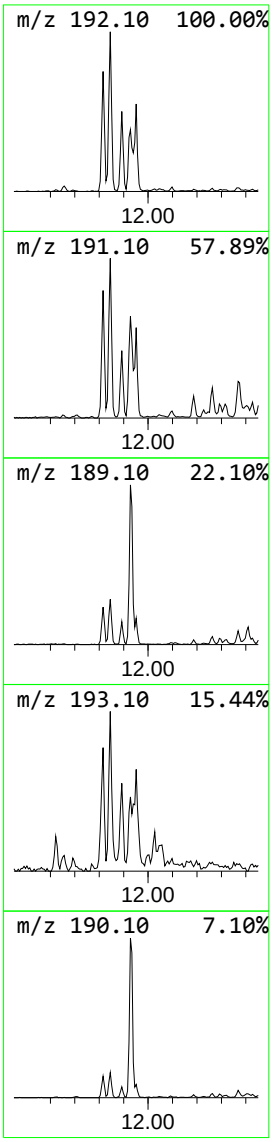
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.78 ng	79881	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	74
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	70
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64





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Sample : 06015-03
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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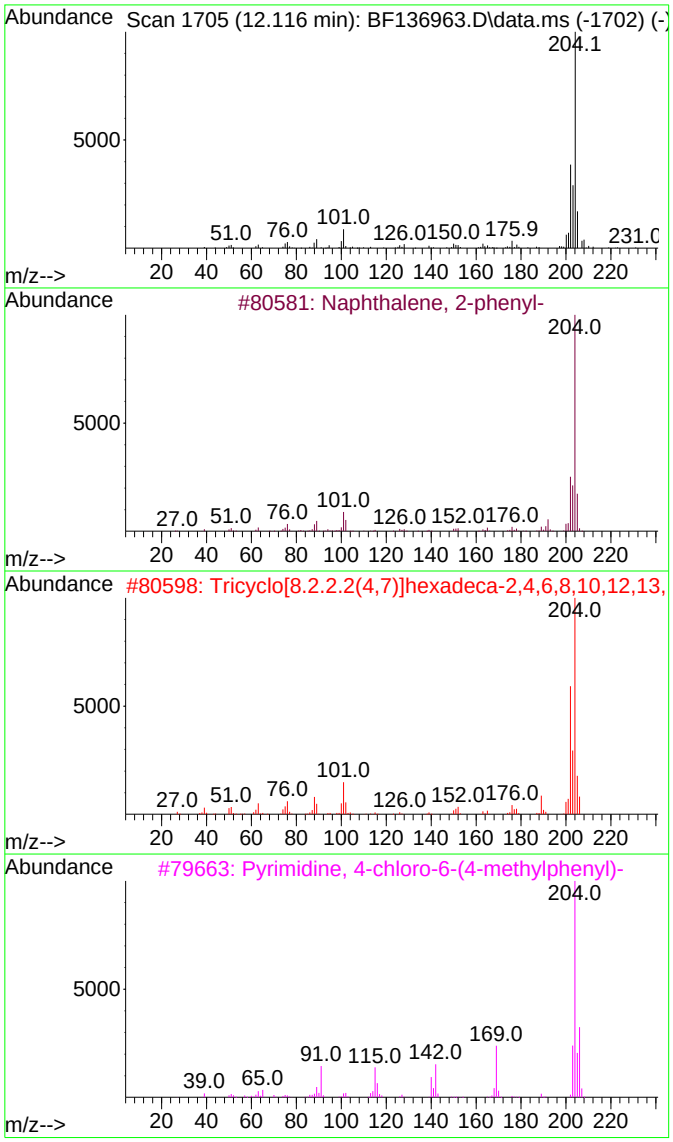
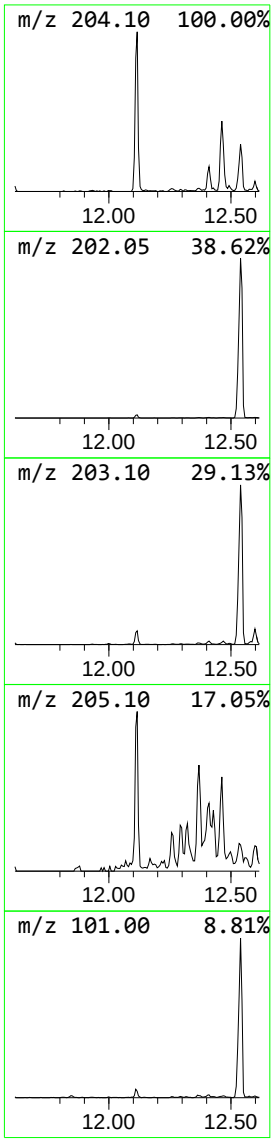
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	7.59 ng	126794	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47





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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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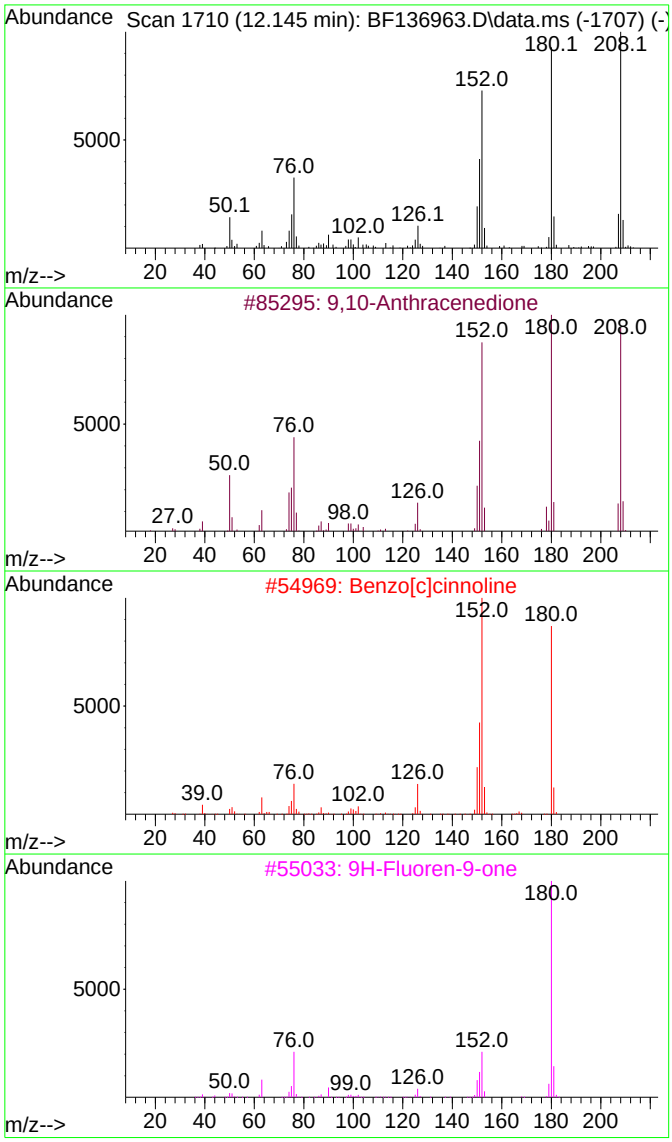
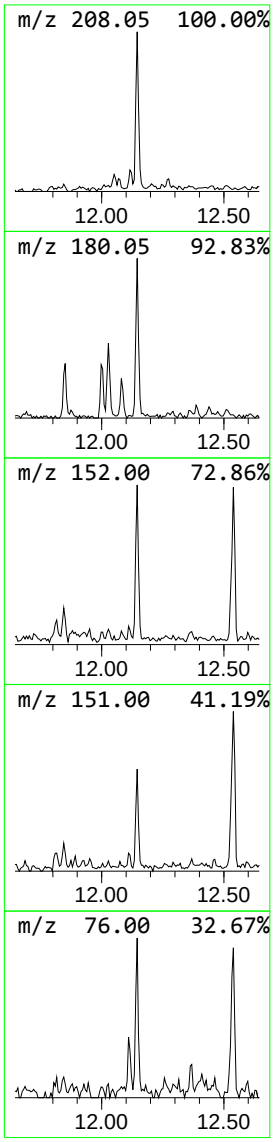
Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	4.67 ng	78070	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	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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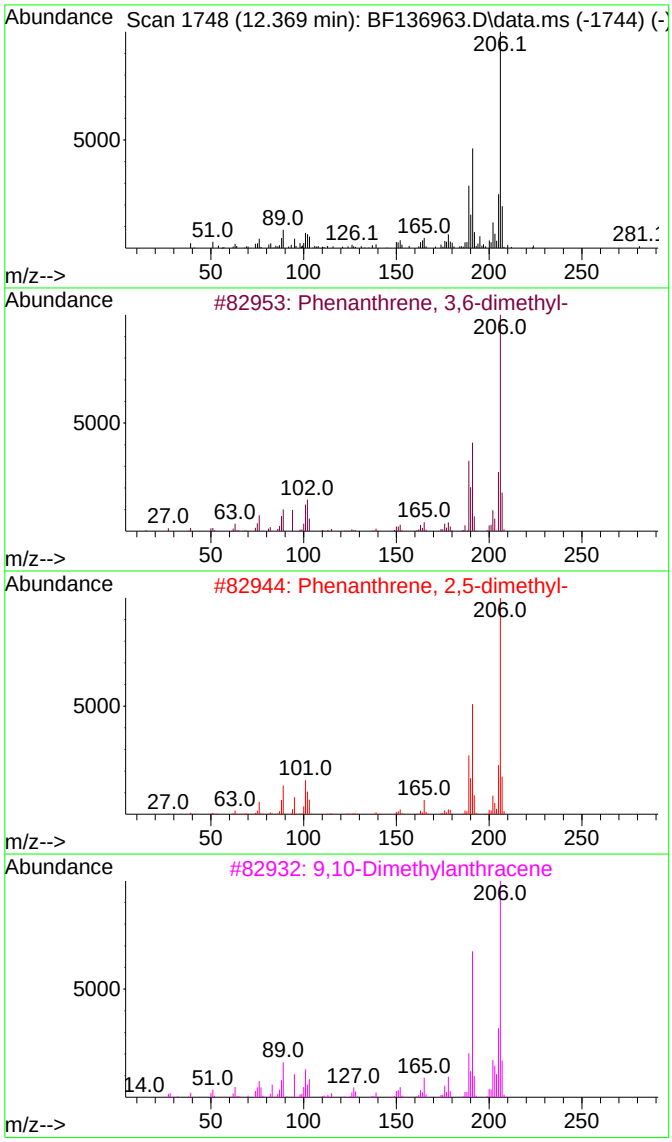
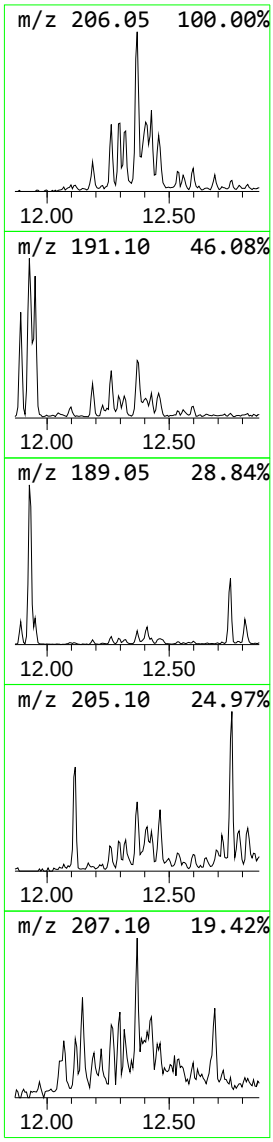
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	5.90 ng	98592	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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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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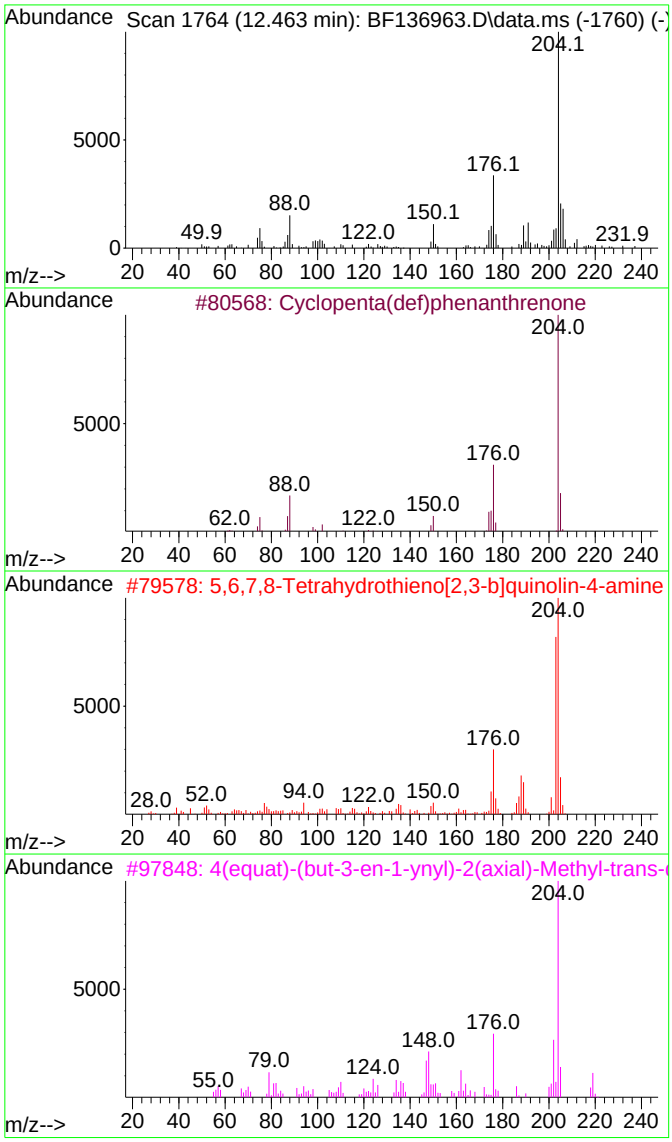
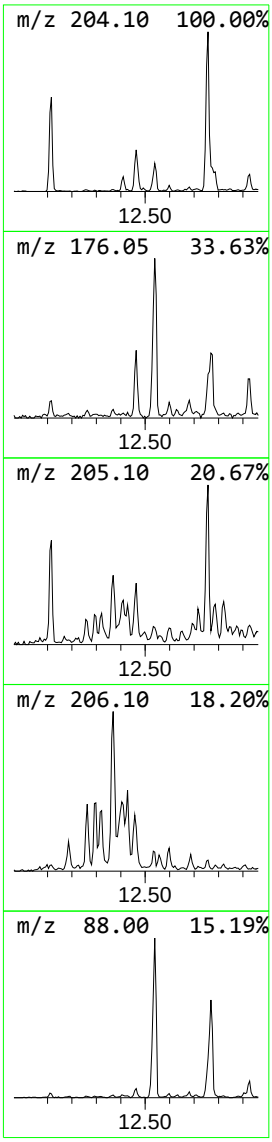
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	5.81 ng	97002	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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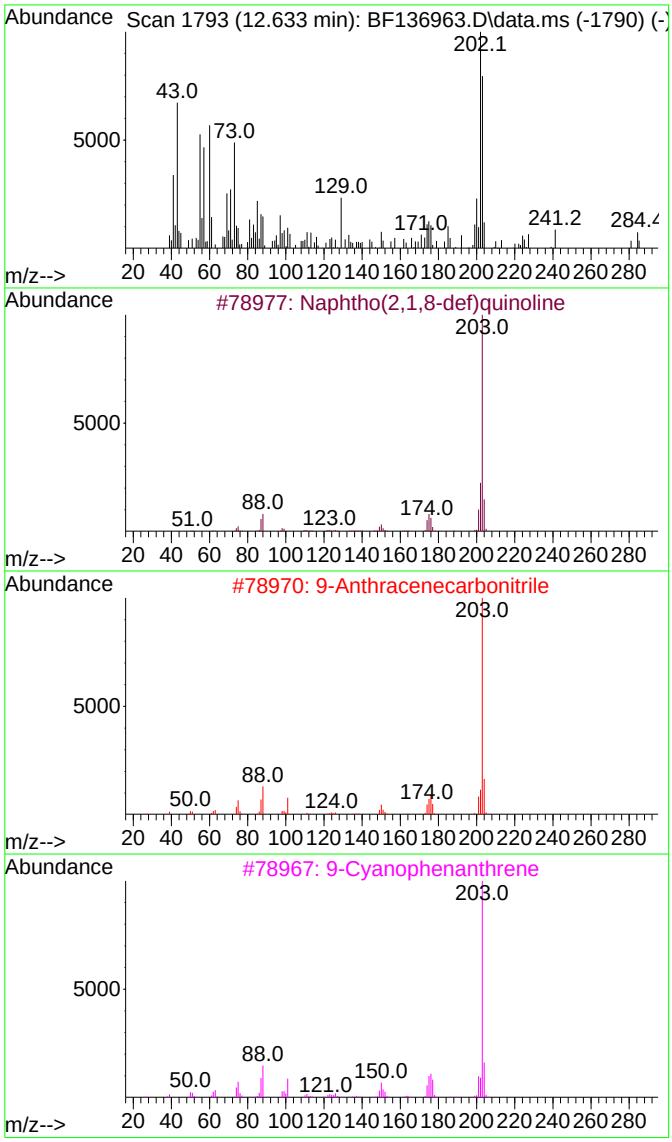
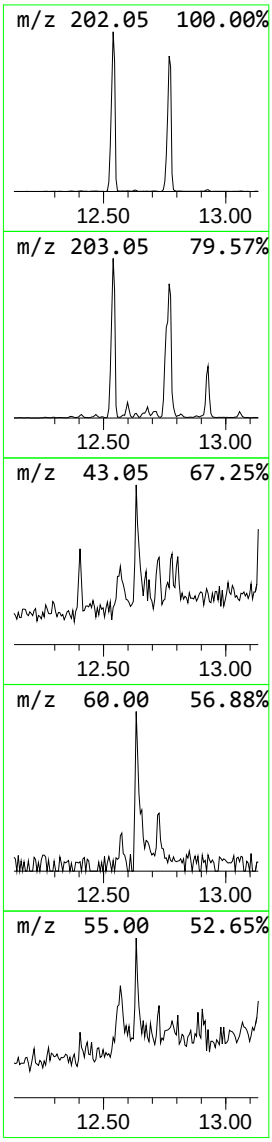
Peak Number 15 unknown12.633 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	3.43 ng	57339	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	42
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	35
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	35
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	35
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	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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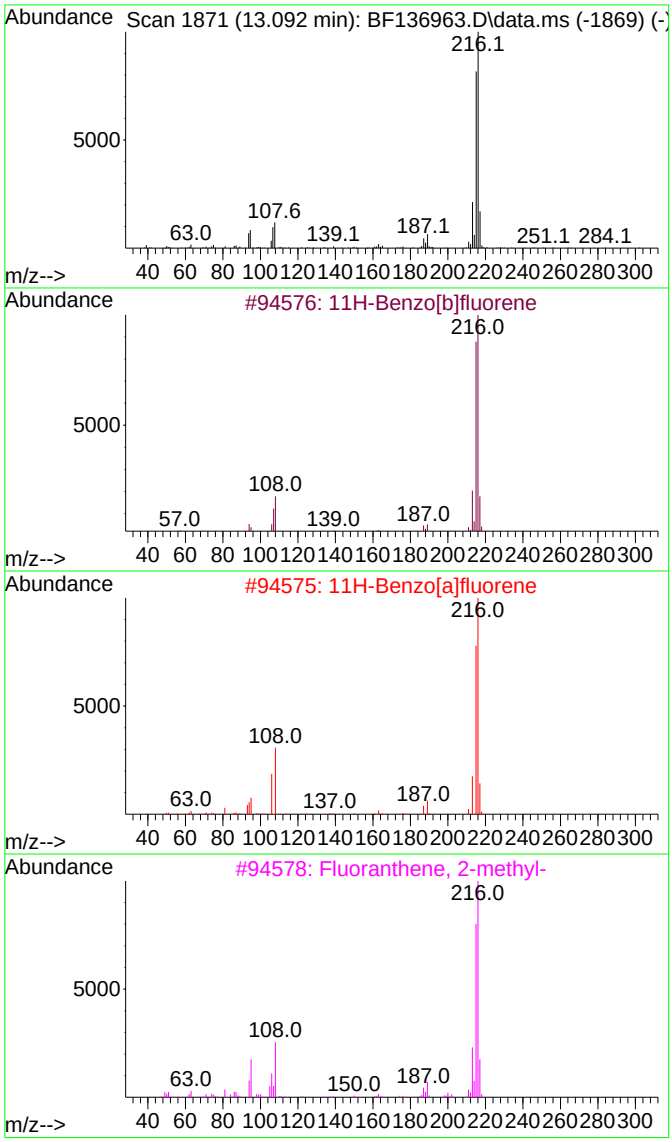
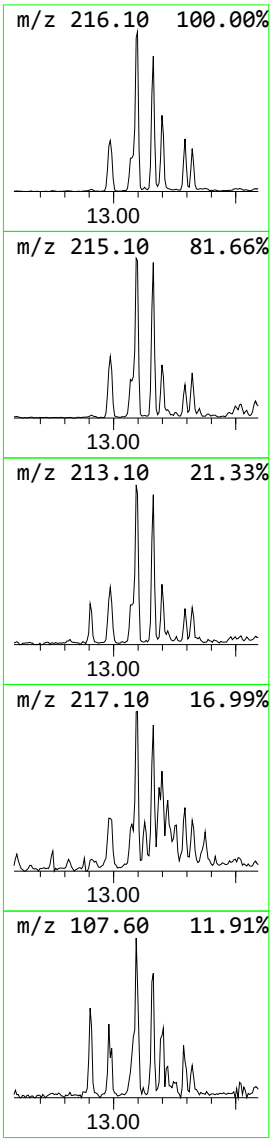
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	3.54 ng	297449	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

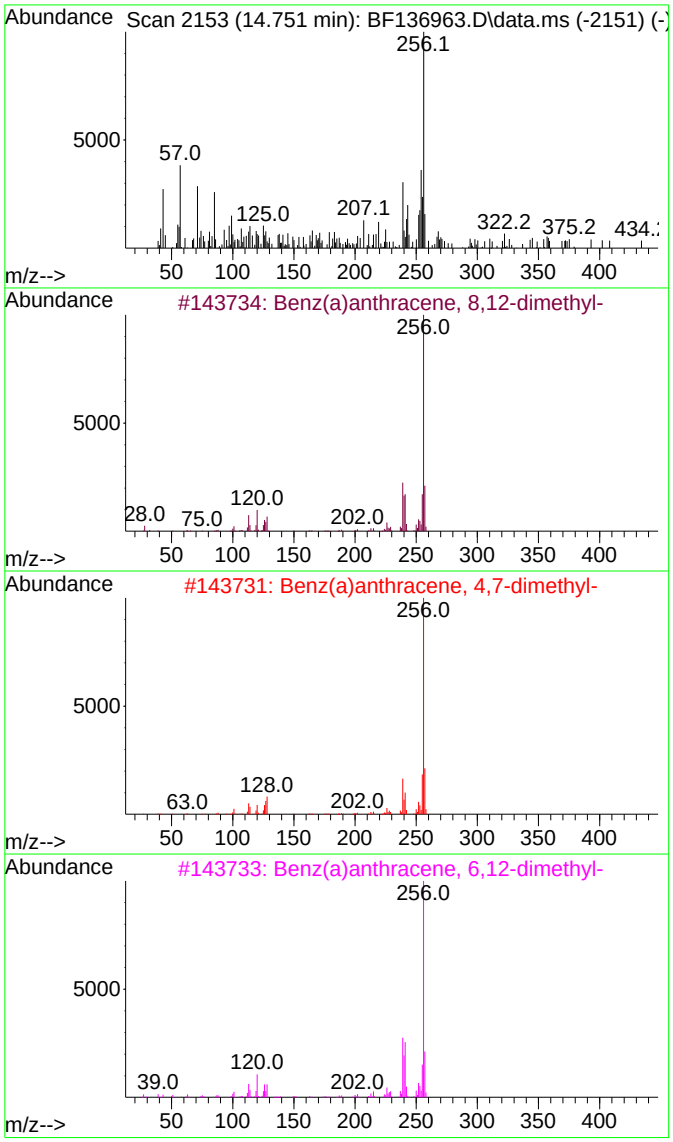
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

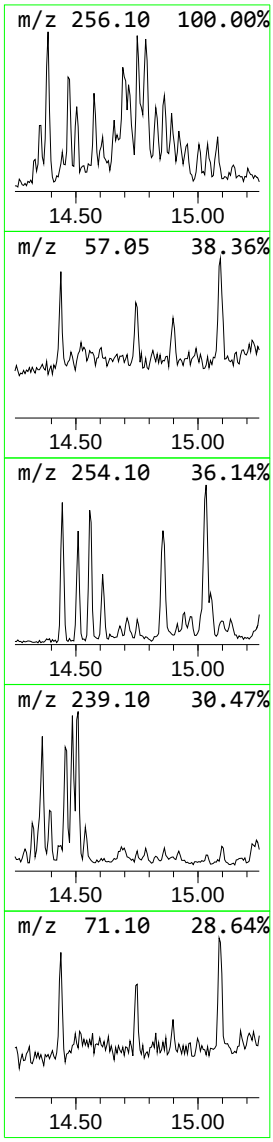
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz(a)anthracene, 8,12-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	4.39 ng	46629	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	50
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	49
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	47
4	6,6'-Biquinoline	256	C18H12N2	000612-79-3	46
5	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

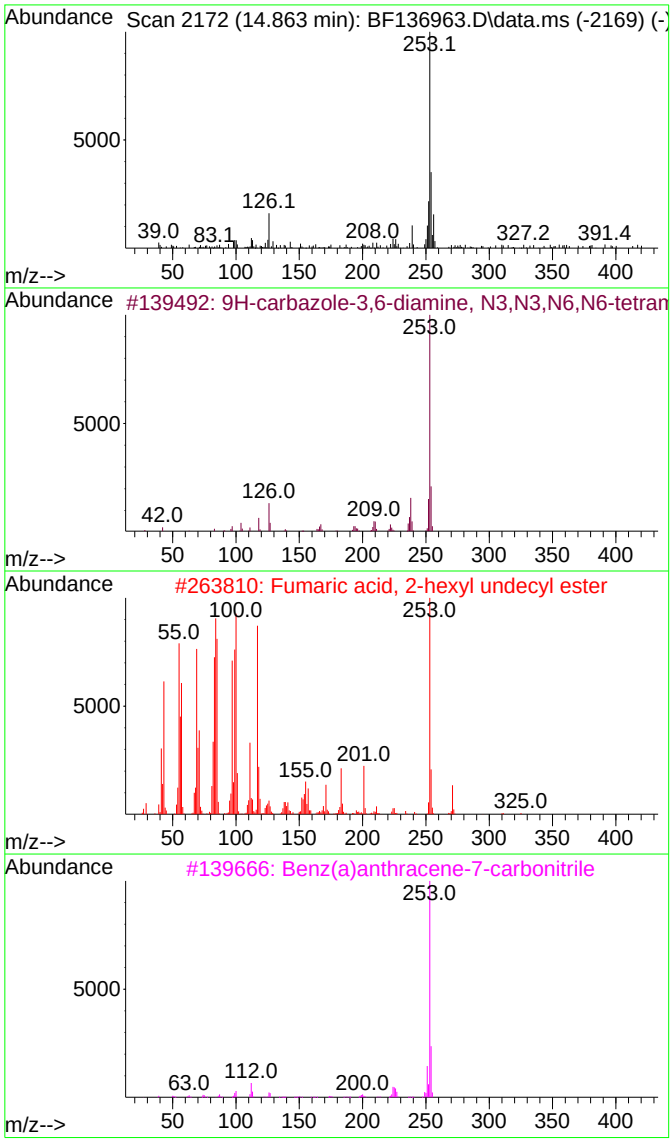
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

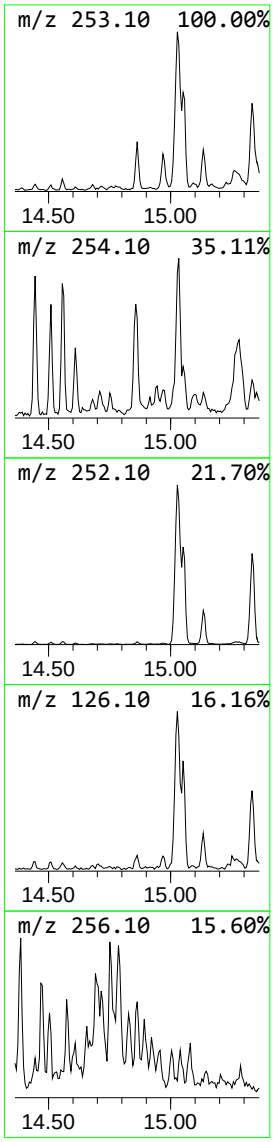
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-carbazole-3,6-diamine, N... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	4.93 ng	52402	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	72
2	Fumaric acid, 2-hexyl undecyl ester	354	C21H38O4	1000348-74-9	53
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	53
4	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	50
5	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

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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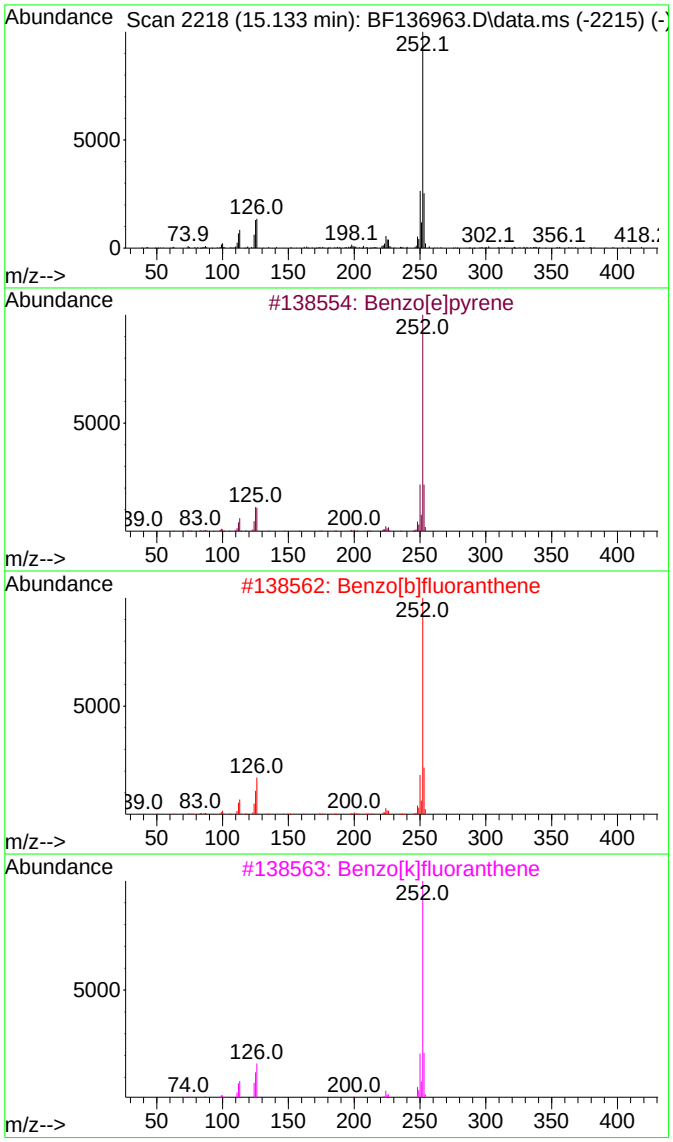
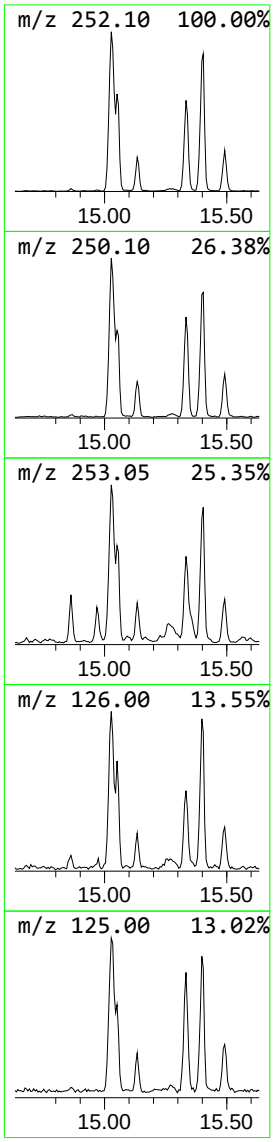
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	11.80 ng	125494	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

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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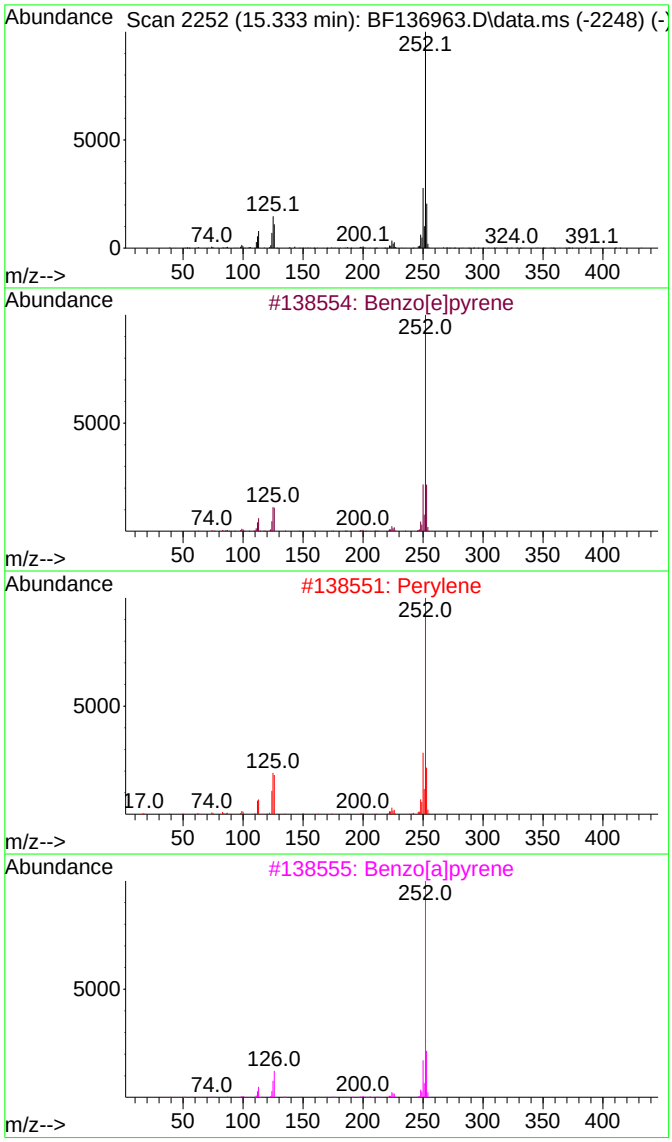
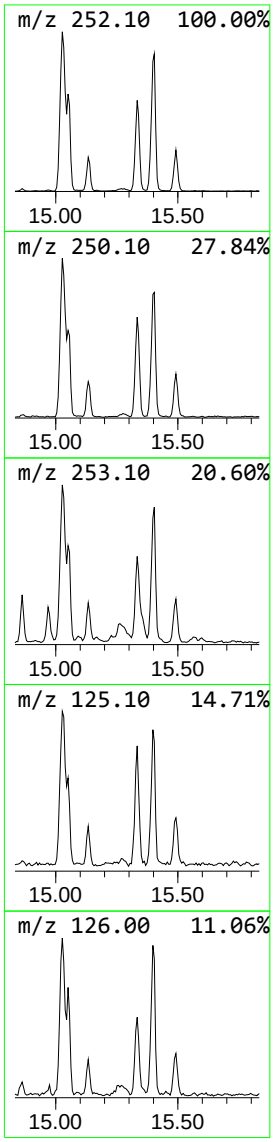
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	43.80 ng	465767	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136963.D
Acq On : 05 Jan 2024 03:03
Operator : CG\JU
Sample : 06015-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

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
Decane	6.616	4.0	ng	54407	1	6.781	272593	20.0
9H-Fluorene, 2-...	10.916	3.4	ng	56841	4	11.310	334148	20.0
Diallyl phthalate	10.957	7.0	ng	116353	4	11.310	334148	20.0
9H-Fluoren-9-one	11.116	3.7	ng	61205	4	11.310	334148	20.0
Dibenzothiophene	11.204	5.7	ng	94642	4	11.310	334148	20.0
Phenanthrene, 2...	11.816	11.6	ng	193352	4	11.310	334148	20.0
Phenanthrene, 1...	11.845	23.3	ng	388750	4	11.310	334148	20.0
Anthracene, 2-m...	11.892	6.0	ng	100607	4	11.310	334148	20.0
4H-Cyclopenta[d...	11.927	20.5	ng	341789	4	11.310	334148	20.0
Anthracene, 9-m...	11.951	4.8	ng	79881	4	11.310	334148	20.0
Naphthalene, 2-...	12.116	7.6	ng	126794	4	11.310	334148	20.0
9,10-Anthracene...	12.145	4.7	ng	78070	4	11.310	334148	20.0
Phenanthrene, 3...	12.369	5.9	ng	98592	4	11.310	334148	20.0
Cyclopenta(def)...	12.463	5.8	ng	97002	4	11.310	334148	20.0
unknown12.633	12.633	3.4	ng	57339	4	11.310	334148	20.0
11H-Benzo[b]flu...	13.092	3.5	ng	297449	5	13.974	1682130	20.0
Benz(a)anthrace...	14.751	4.4	ng	46629	6	15.463	212664	20.0
9H-carbazole-3,...	14.863	4.9	ng	52402	6	15.463	212664	20.0
Benzo[e]pyrene	15.133	11.8	ng	125494	6	15.463	212664	20.0
Perylene	15.333	43.8	ng	465767	6	15.463	212664	20.0