LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135722.D
Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-100623

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135722.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	485	489	508	rBV	327530	435802	11.37%	0.893%
2	5.375	556	559	576	rBV	1877080	2010092	52.46%	4.119%
3	6.392	728	732	748	rBV	1738160	1915466	49.99%	3.925%
4	6.739	788	791	798	rBV	731494	608535	15.88%	1.247%
5	7.304	884	887	900	rBV	1419018	1251690	32.67%	2.565%
6	8.016	1005	1008	1010	rBV	867746	718248	18.75%	1.472%
7	8.039	1010	1012	1020	rVB	249329	223302	5.83%	0.458%
8	8.733	1127	1130	1136	rBV	151539	127963	3.34%	0.262%
9	8.827	1143	1146	1155	rVB	129798	132378	3.46%	0.271%
10	9.092	1187	1191	1195	rBV	2100065	1876293	48.97%	3.845%
11	9.363	1232	1237	1241	rBV2	79956	115624	3.02%	0.237%
12	9.433	1245	1249	1251	rBV	141358	139736	3.65%	0.286%
13	9.551	1266	1269	1274	rBV	78485	85775	2.24%	0.176%
14	9.639	1280	1284	1288	rVB	119446	107050	2.79%	0.219%
15	9.774	1299	1307	1310	rBV	791991	690307	18.02%	1.414%
16	9.804	1310	1312	1317	rVV	382844	354472	9.25%	0.726%
17	9.980	1337	1342	1346	rVV	307346	291838	7.62%	0.598%
18	10.022	1346	1349	1353	rVB2	73447	71426	1.86%	0.146%
19	10.092	1358	1361	1364	rBV2	68215	69848	1.82%	0.143%
20	10.204	1378	1380	1383	rVB	100388	75468	1.97%	0.155%
21	10.327	1397	1401	1406	rBV	521041	472725	12.34%	0.969%
22	10.392	1406	1412	1413	rBV	76545	92433	2.41%	0.189%
23	10.486	1425	1428	1431	rVB	122134	122609	3.20%	0.251%
24	10.569	1439	1442	1448	rBV	984389	993760	25.94%	2.036%
25	10.680	1458	1461	1465	rBV3	93876	139388	3.64%	0.286%
26	10.880	1487	1495	1497	rBV2	140035	189722	4.95%	0.389%
27	10.904	1497	1499	1502	rVV2	74281	76132	1.99%	0.156%
28	11.004	1511	1516	1518	rBV2	82377	105762	2.76%	0.217%
29	11.127	1533	1537	1540	rBV2	98059	150605	3.93%	0.309%
30	11.169	1540	1544	1550	rVB	202676	223753	5.84%	0.458%
31	11.269	1558	1561	1563	rBV	633432	615706	16.07%	1.262%
32	11.298	1563	1566	1569	rVV	2570709	2260297	58.99%	4.631%
33	11.351	1571	1575	1578	rVV	921388	875257	22.84%	1.793%
34	11.386	1578	1581	1586	rVV3	68995	125237	3.27%	0.257%
35	11.516	1598	1603	1608	rBV	209758	267446	6.98%	0.548%
36	11.563	1608	1611	1613	rVV2	143389	121330	3.17%	0.249%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SU-03-100623

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.604	1613	1618	1623	rVV3	59473	90030	2.35%	0.184%
38	11.663	1625	1628	1630	rVV	154889	128137	3.34%	0.263%
39	11.774	1644	1647	1650	rBV	421429	361300	9.43%	0.740%
40	11.804	1650	1652	1657	rVV	715446	660703	17.24%	1.354%
41	11.851	1657	1660	1663	rVV	276316	261953	6.84%	0.537%
42	11.886	1663	1666	1669	rVV	865276	904238	23.60%	1.853%
43	11.910	1669	1670	1676	rVB	293814	208166	5.43%	0.427%
44	11.968	1676	1680	1683	rBV4	82382	89915	2.35%	0.184%
45	12.074	1695	1698	1702	rVB	303993	267861	6.99%	0.549%
46	12.221	1721	1723	1726	rBV	96597	73637	1.92%	0.151%
47	12.257	1726	1729	1731	rVV	96880	79395	2.07%	0.163%
48	12.327	1737	1741	1743	rBV	278409	288192	7.52%	0.591%
49	12.357	1743	1746	1748	rVV2	695509	711841	18.58%	1.459%
50	12.374	1748	1749	1754	rVV3	460188	381844	9.97%	0.782%
51	12.427	1754	1758	1761	rVV2	135897	175326	4.58%	0.359%
52	12.504	1766	1771	1774	rBV	3307195	3518096	91.82%	7.209%
53	12.539	1775	1777	1779	rVV	81714	72730	1.90%	0.149%
54	12.563	1779	1781	1784	rVV2	102587	97233	2.54%	0.199%
55	12.598	1784	1787	1792	rVV4	109045	136899	3.57%	0.281%
56	12.645	1792	1795	1798	rVB	219467	192549	5.03%	0.395%
57	12.733	1803	1810	1815	rBV2	3095242	3831434	100.00%	7.851%
58	12.774	1815	1817	1822	rVB2	189998	221530	5.78%	0.454%
59	12.868	1826	1833	1836	rBV2	1748466	1826281	47.67%	3.742%
60	12.898	1836	1838	1841	rVB	124244	104955	2.74%	0.215%
61	12.951	1841	1847	1851	rBV2	252884	443336	11.57%	0.908%
62	13.033	1857	1861	1862	rBV2	198339	207466	5.41%	0.425%
63	13.057	1862	1865	1869	rVB	639072	668634	17.45%	1.370%
64	13.121	1873	1876	1879	rVV	582595	546940	14.28%	1.121%
65	13.163	1879	1883	1887	rVV2	374163	451756	11.79%	0.926%
66	13.215	1890	1892	1896	rVB3	77791	78717	2.05%	0.161%
67	13.257	1896	1899	1901	rBV	195649	176559	4.61%	0.362%
68	13.286	1901	1904	1907	rBV	203977	191379	4.99%	0.392%
69	13.357	1913	1916	1918	rBV3	65282	77020	2.01%	0.158%
70	13.439	1927	1930	1932	rBV	74614	89686	2.34%	0.184%
71	13.545	1945	1948	1951	rBV3	110588	134954	3.52%	0.277%
72	13.580	1951	1954	1956	rVB2	104766	108274	2.83%	0.222%
73	13.686	1969	1972	1974	rBV	229520	235587	6.15%	0.483%
74	13.704	1974	1975	1978	rVB	289664	209758	5.47%	0.430%
75	13.733	1978	1980	1982	rBV	245688	229619	5.99%	0.470%
76	13.792	1988	1990	1995	rVB2	109578	124230	3.24%	0.255%

LSC Area Percent Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.857	1998	2001	2007	rVV	103076	188264	4.91%	0.386%
78	13.927	2007	2013	2017	rVV2	1730493	2671228	69.72%	5.473%
79	13.968	2017	2020	2023	rVB	1430930	1362198	35.55%	2.791%
80	14.045	2030	2033	2036	rVB	335743	295043	7.70%	0.605%
81	14.098	2039	2042	2047	rVV5	103149	154547	4.03%	0.317%
82	14.139	2047	2049	2051	rVV	92000	95916	2.50%	0.197%
83	14.174	2053	2055	2058	rVB	116727	93527	2.44%	0.192%
84	14.286	2072	2074	2076	rBV	102304	98309	2.57%	0.201%
85	14.327	2078	2081	2084	rVV	355401	351955	9.19%	0.721%
86	14.362	2084	2087	2090	rVB2	162589	138855	3.62%	0.285%
87	14.404	2091	2094	2096	rVV2	103452	114125	2.98%	0.234%
88	14.427	2096	2098	2100	rVV	137088	105632	2.76%	0.216%
89	14.451	2100	2102	2104	rVV2	119675	111627	2.91%	0.229%
90	14.474	2104	2106	2109	rVB	192019	154687	4.04%	0.317%
91	14.827	2163	2166	2170	rBV2	133474	154052	4.02%	0.316%
92	14.986	2189	2193	2196	rBV	1054953	1543219	40.28%	3.162%
93	15.092	2208	2211	2217	rBV	256854	289597	7.56%	0.593%
94	15.286	2240	2244	2251	rVB	596412	714945	18.66%	1.465%
95	15.351	2251	2255	2262	rVV	909118	1151006	30.04%	2.358%
96	15.409	2262	2265	2268	rVV	362996	417277	10.89%	0.855%
97	15.445	2268	2271	2278	rVB	266628	373655	9.75%	0.766%
98	16.909	2514	2520	2530	rBV	354519	753218	19.66%	1.543%
99	17.362	2592	2597	2611	rVB	260019	547110	14.28%	1.121%
100	17.627	2638	2642	2651	rVB2	64580	132709	3.46%	0.272%

Sum of corrected areas: 48804336

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
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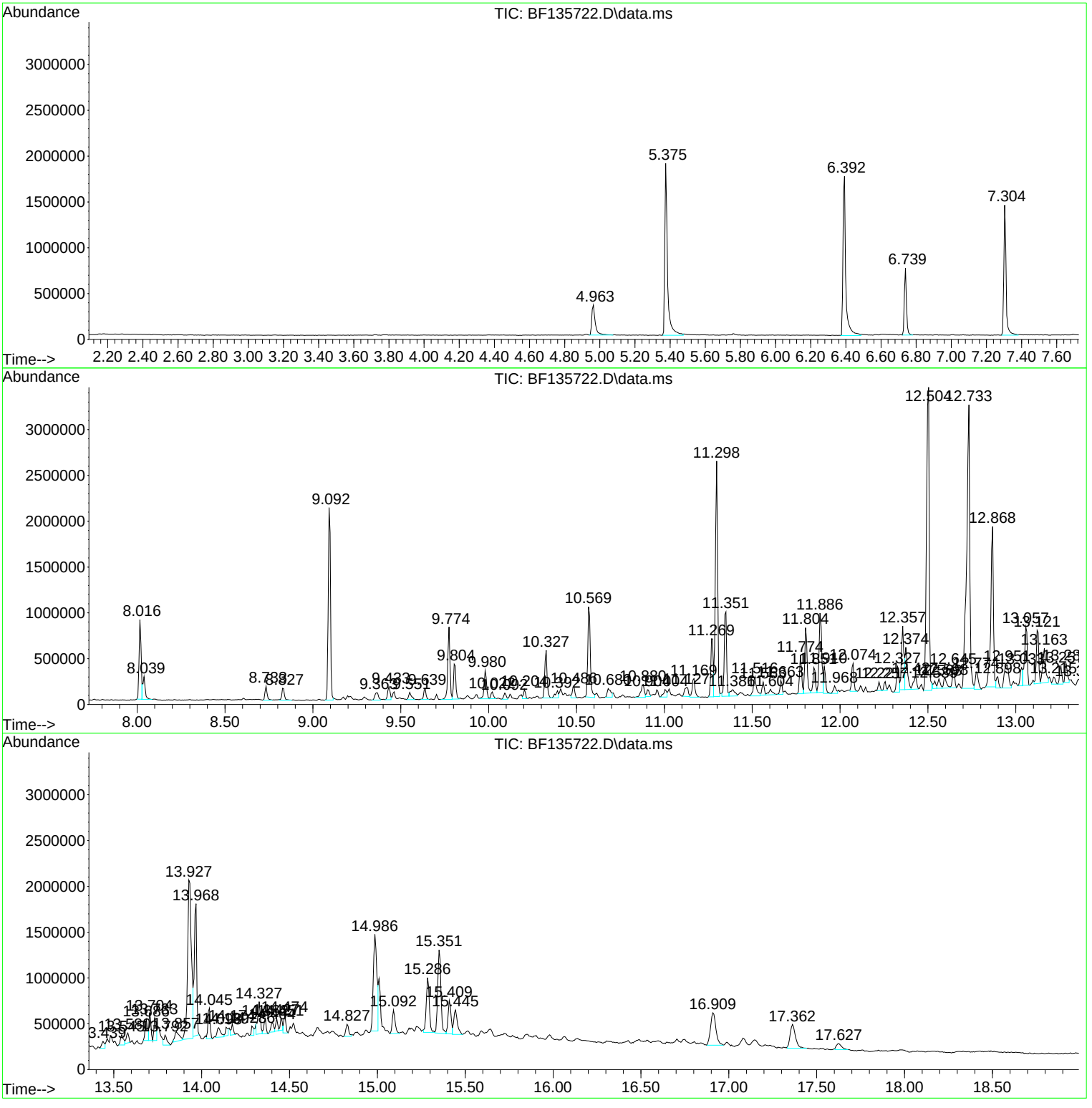
Instrument :
BNA_F
ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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\BF101123\
Data File : BF135722.D
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Instrument :
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ClientSampleId :
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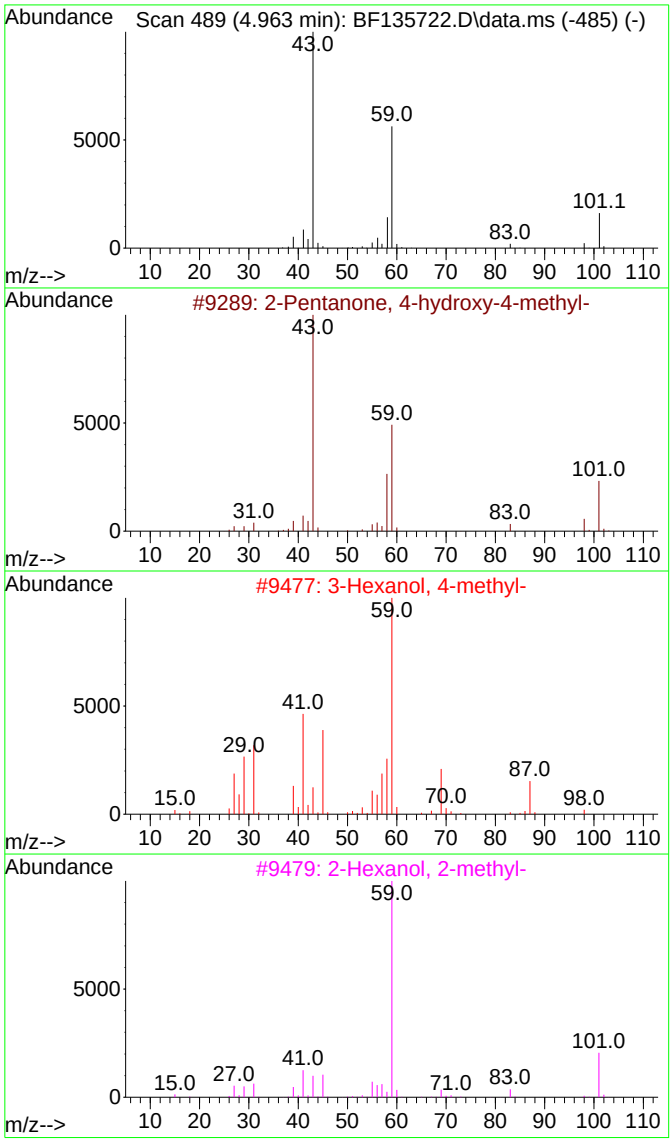
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

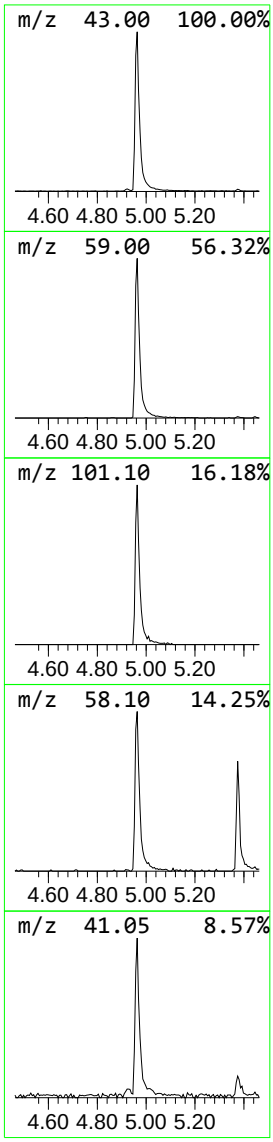
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	14.32 ng	435802	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135722.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

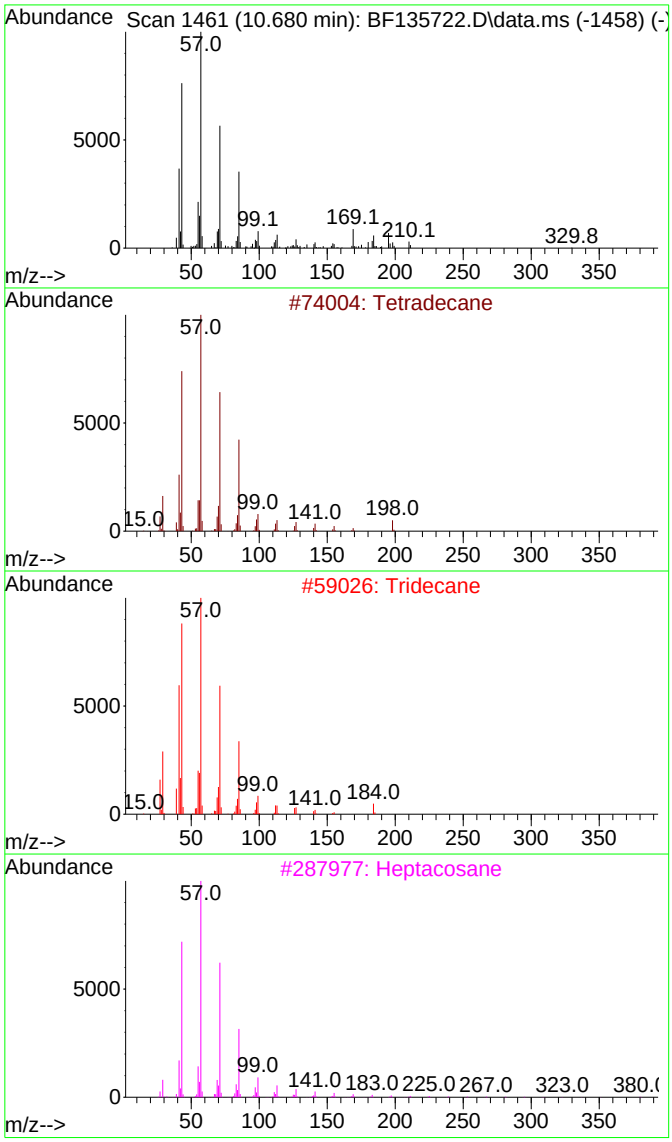
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

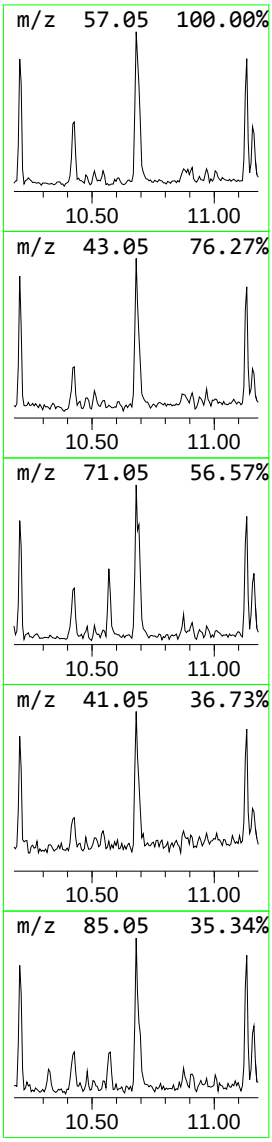
****

Peak Number 2 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	4.53 ng	139388	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptacosane	380	C27H56	000593-49-7	74
4	Nonadecane	268	C19H40	000629-92-5	74
5	Heptadecane	240	C17H36	000629-78-7	74





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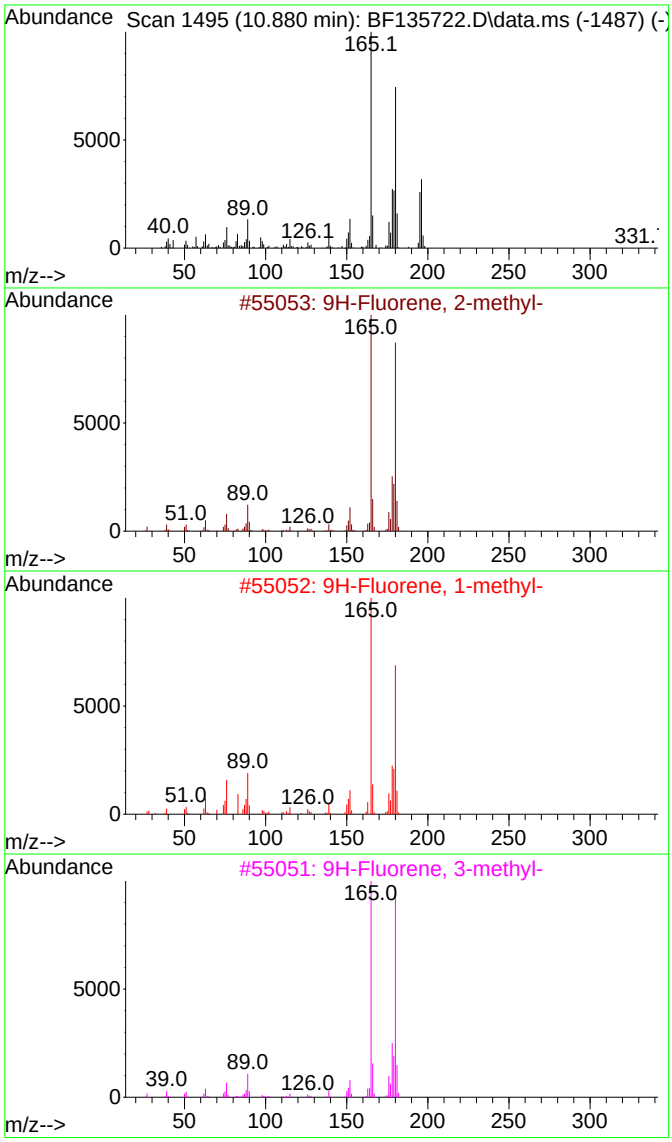
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

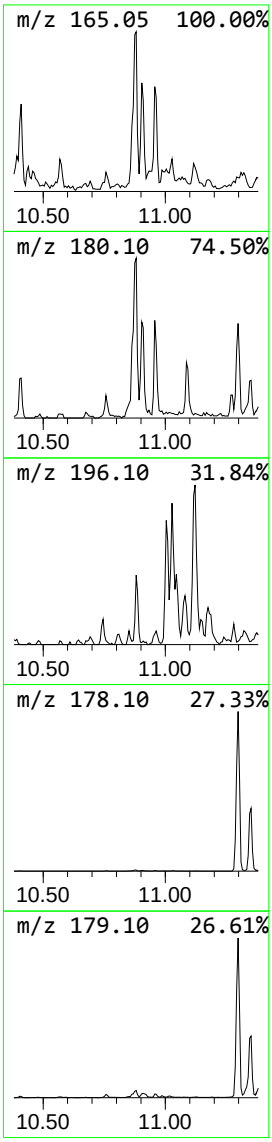
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	6.16 ng	189722	Phenanthrene-d10	11.274

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	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





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Instrument :
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ClientSampleId :
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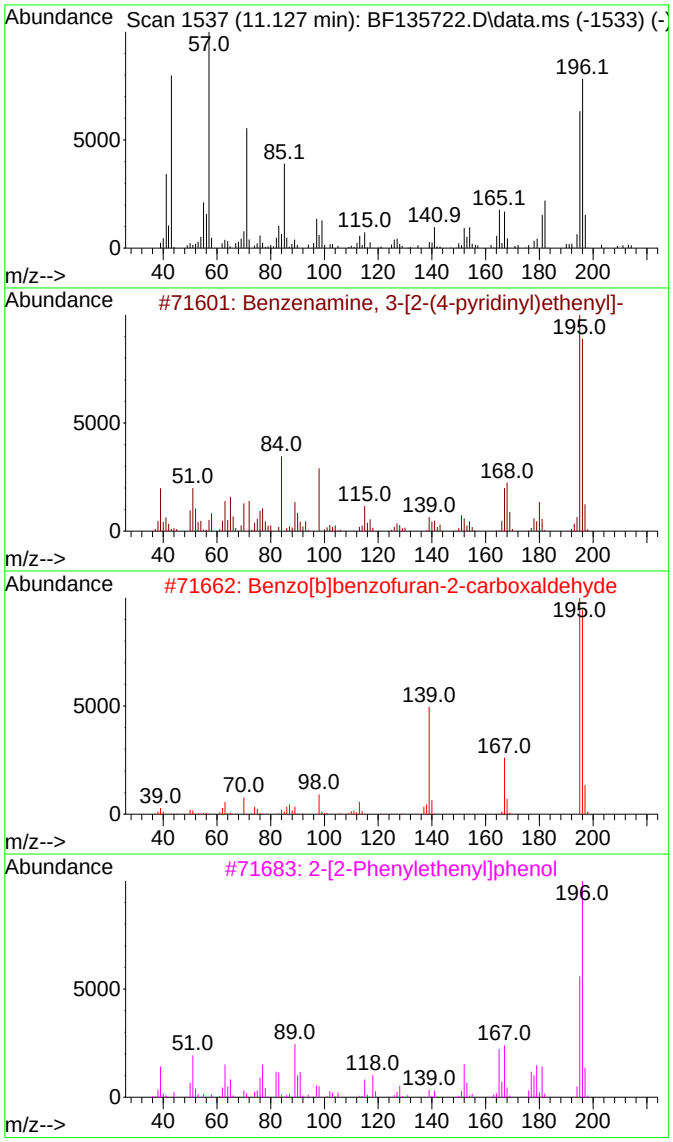
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

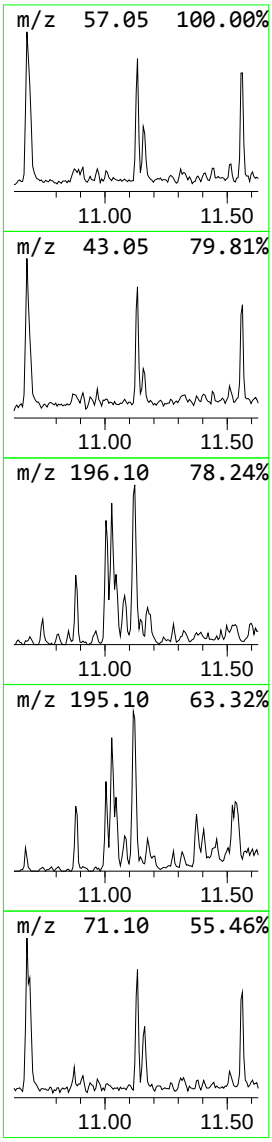
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	4.89 ng	150605	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	55
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	50
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135722.D
Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

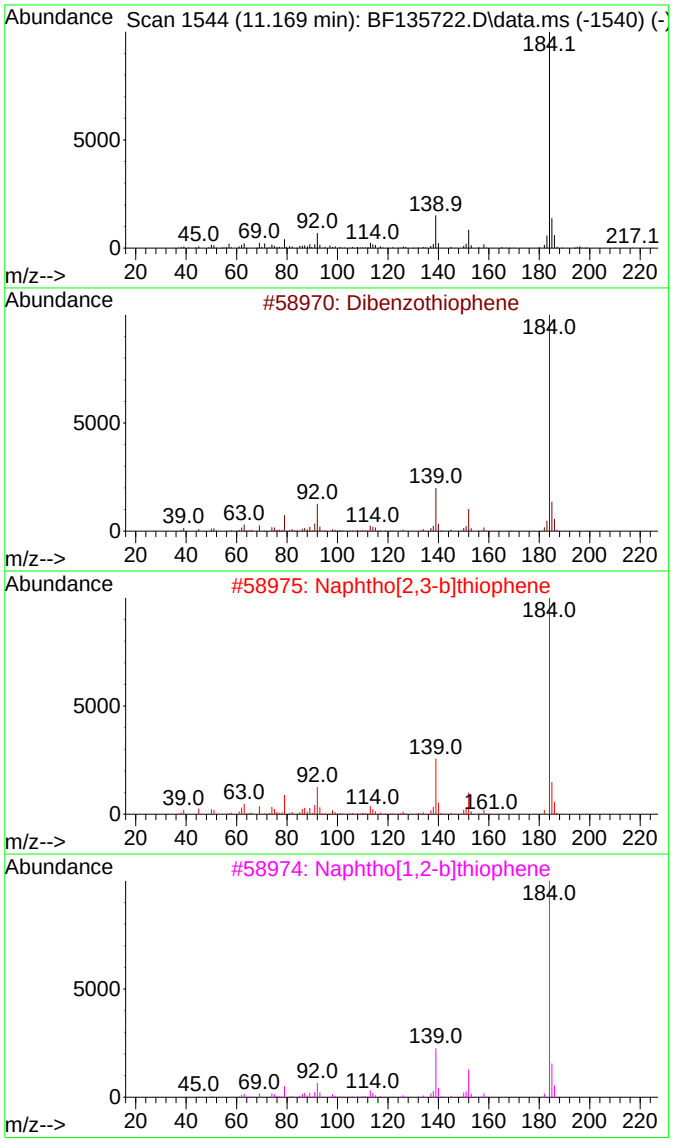
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

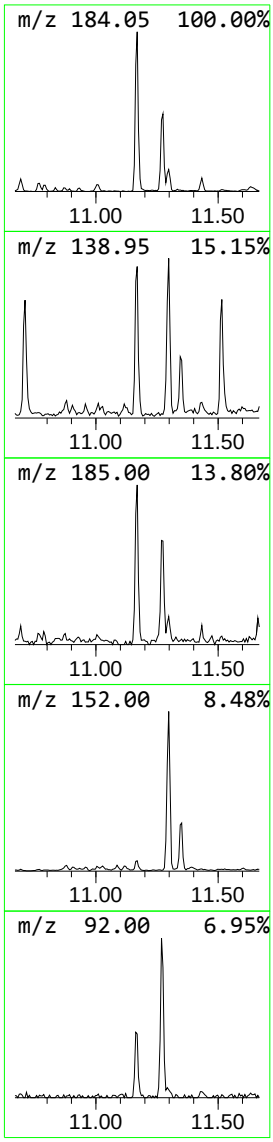
****

Peak Number 5 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	7.27 ng	223753	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-100623

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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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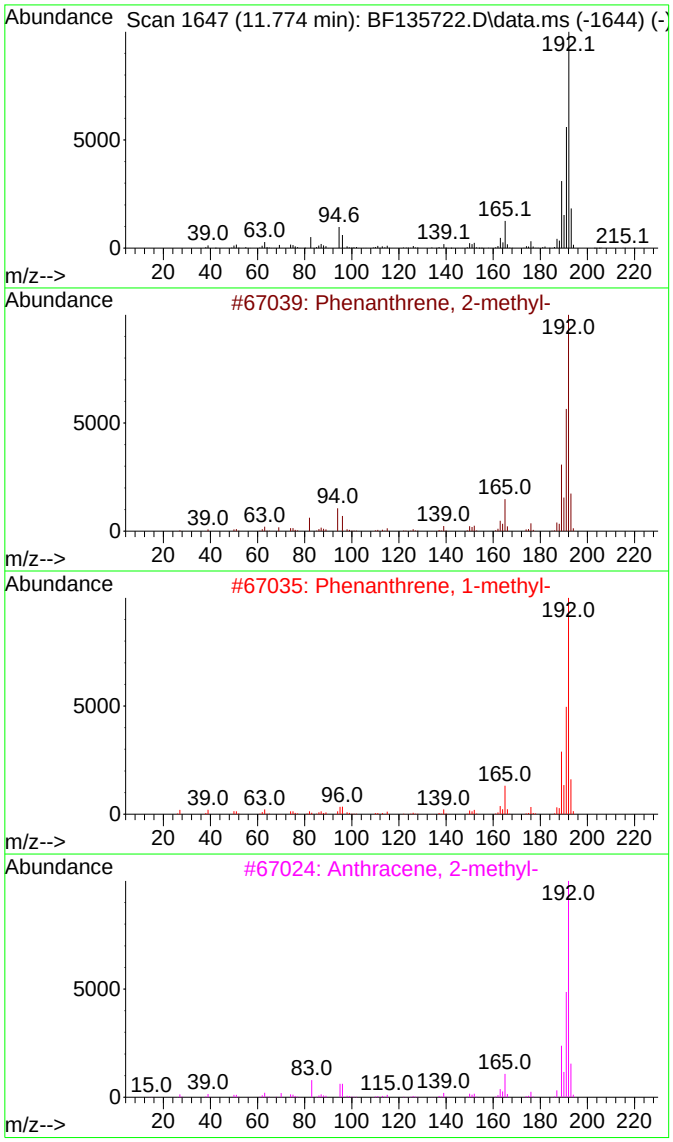
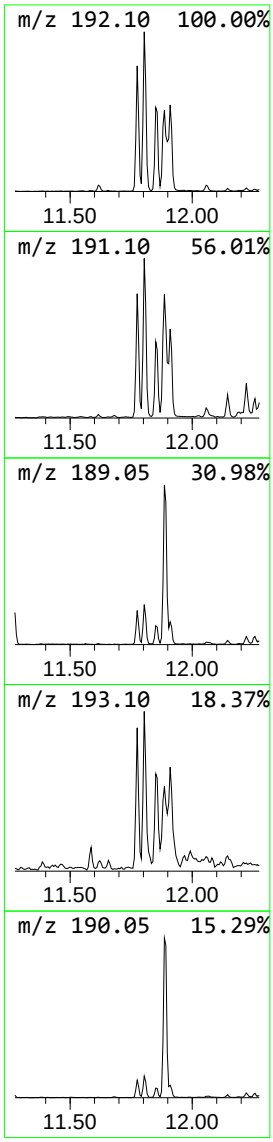
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	11.74 ng	361300	Phenanthrene-d10	11.274

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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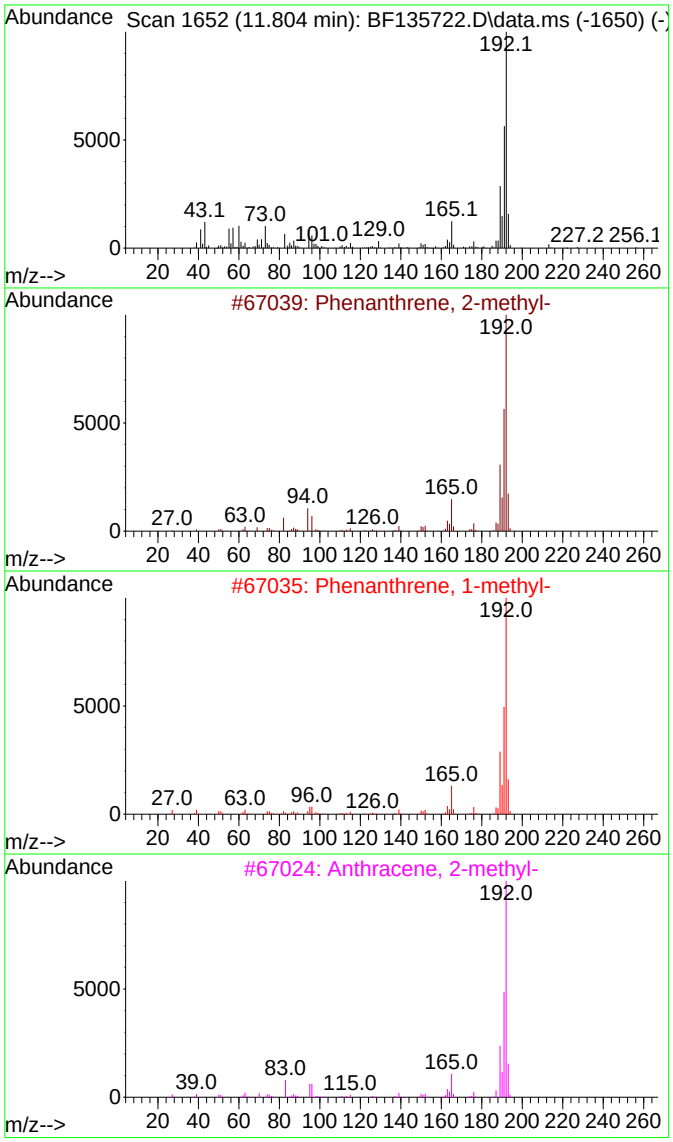
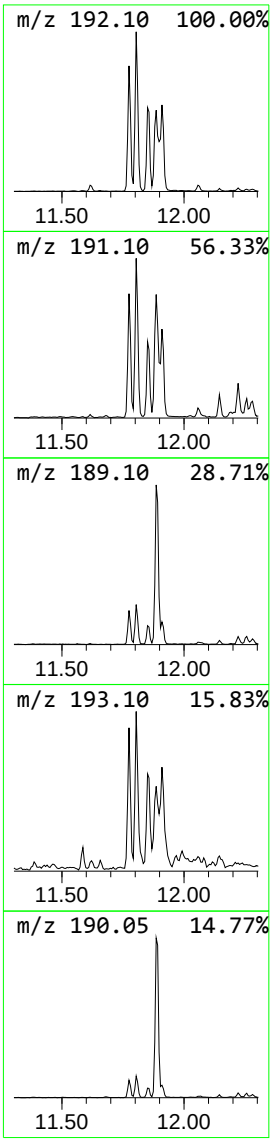
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	21.46 ng	660703	Phenanthrene-d10	11.274

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 21 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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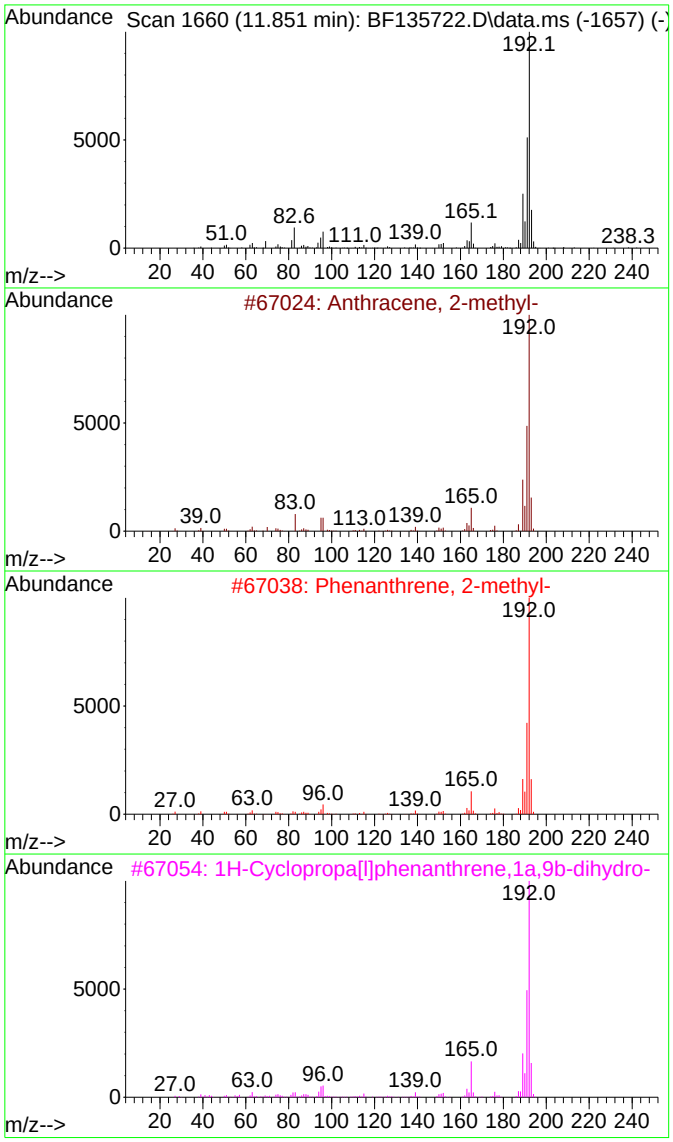
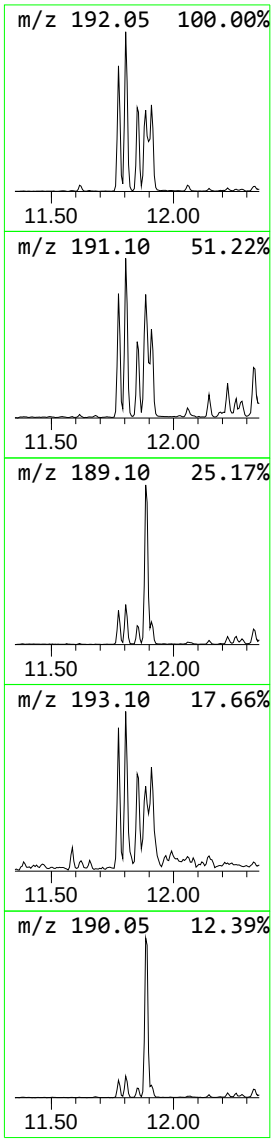
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	8.51 ng	261953	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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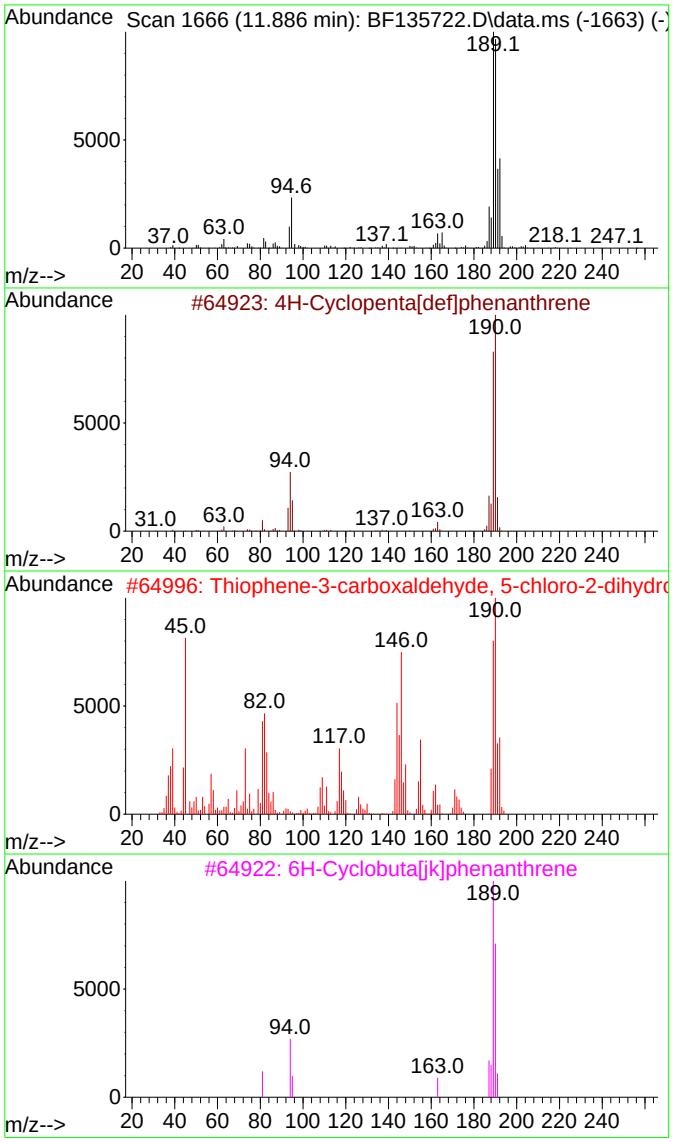
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

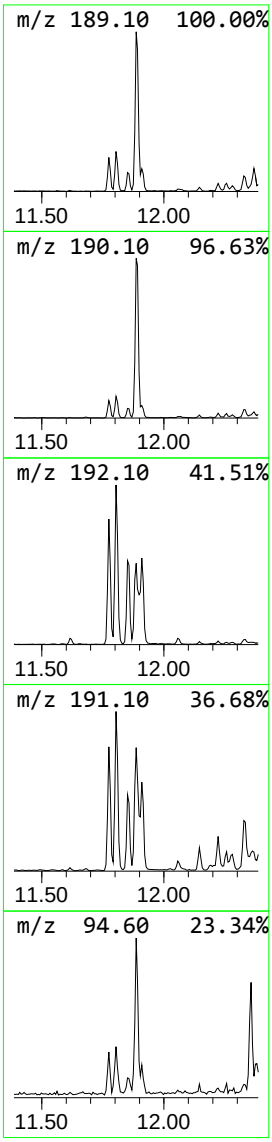
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	29.37 ng	904238	Phenanthrene-d10	11.274

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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : 04808-01
Misc :
ALS Vial : 21 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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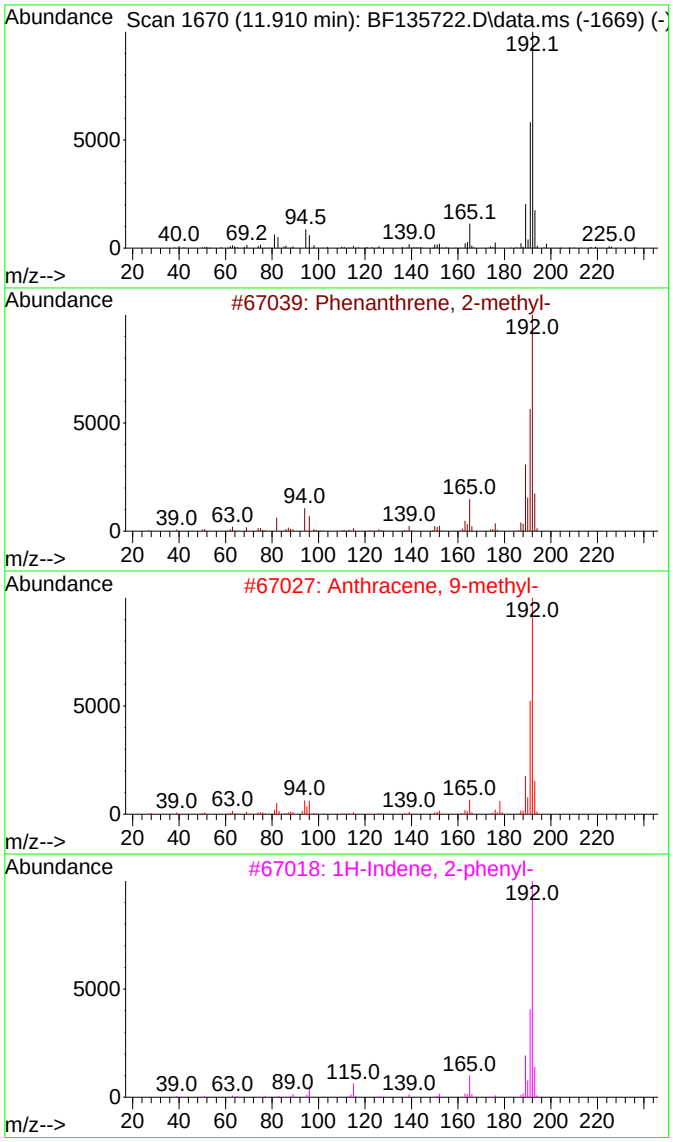
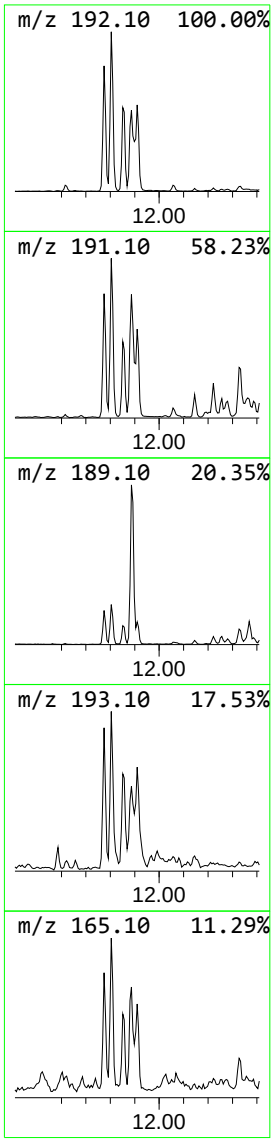
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.76 ng	208166	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





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Sample : 04808-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

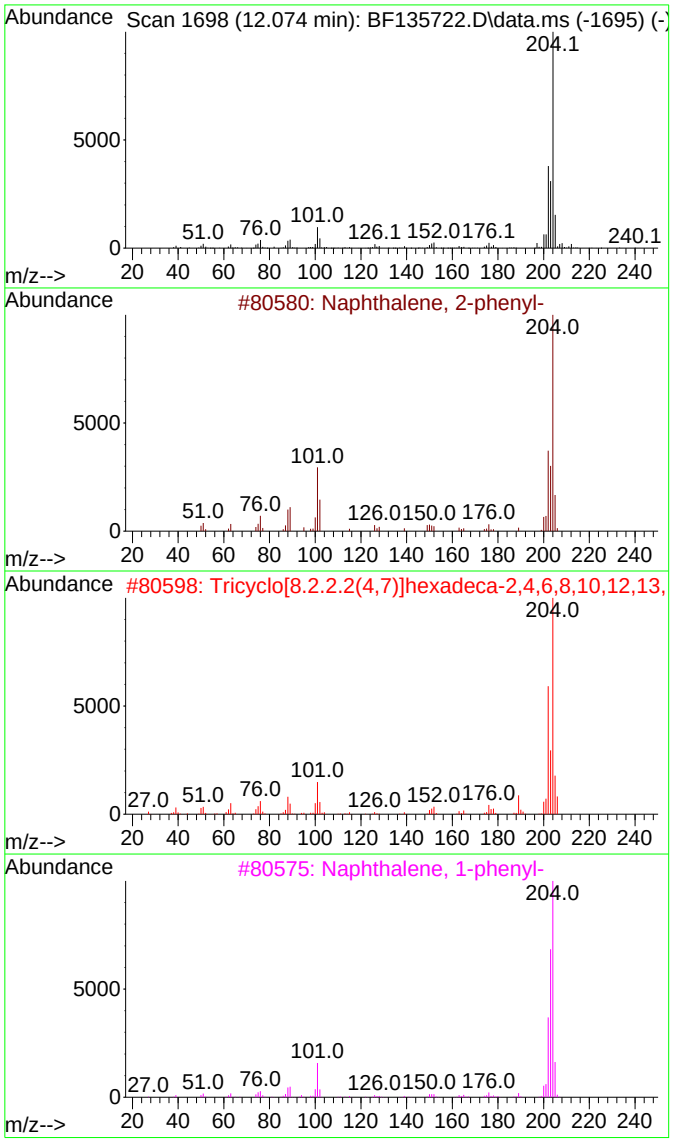
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

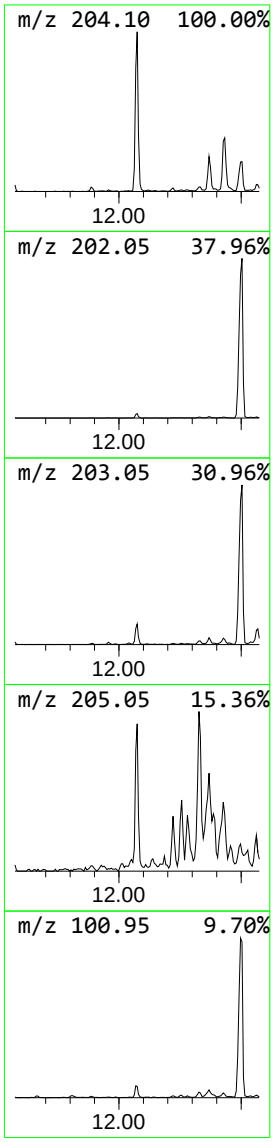
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	8.70 ng	267861	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	80
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





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Operator : CG\JU
Sample : 04808-01
Misc :
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

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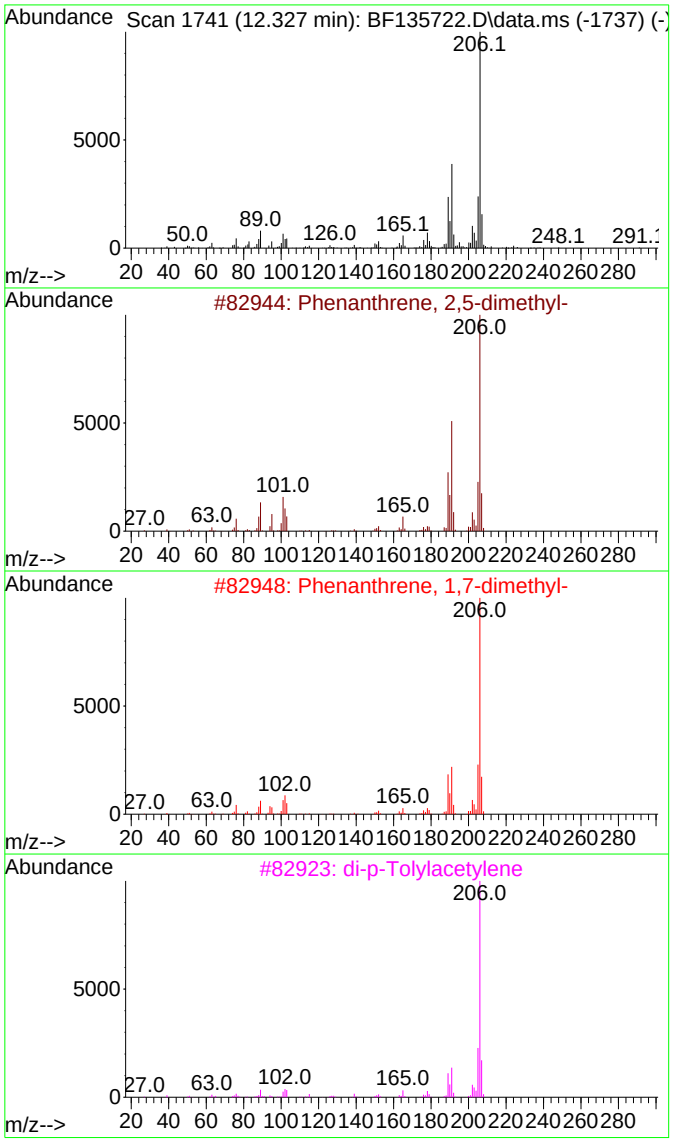
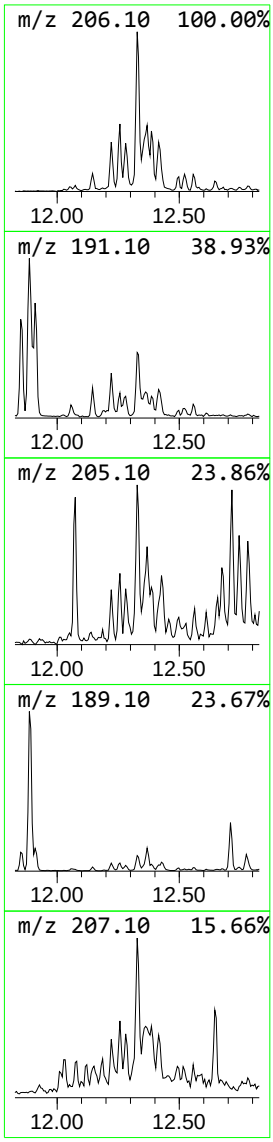
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	9.36 ng	288192	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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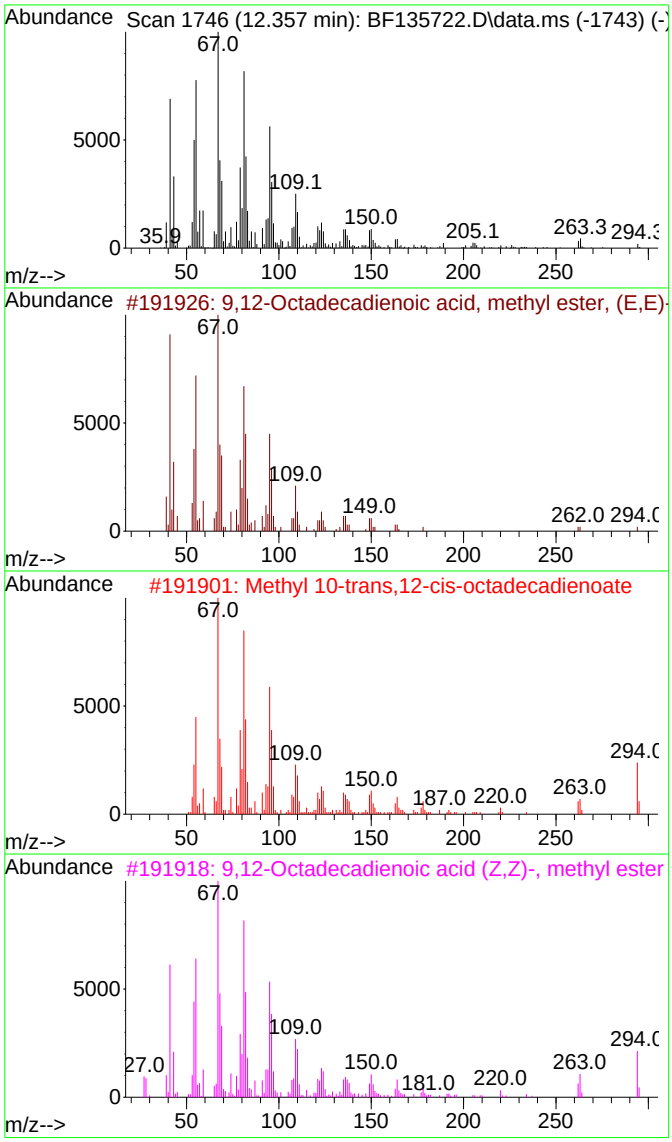
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

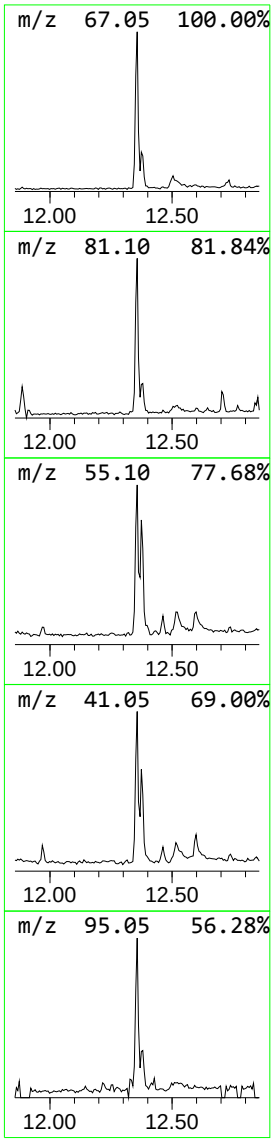
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	23.12 ng	711841	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	95





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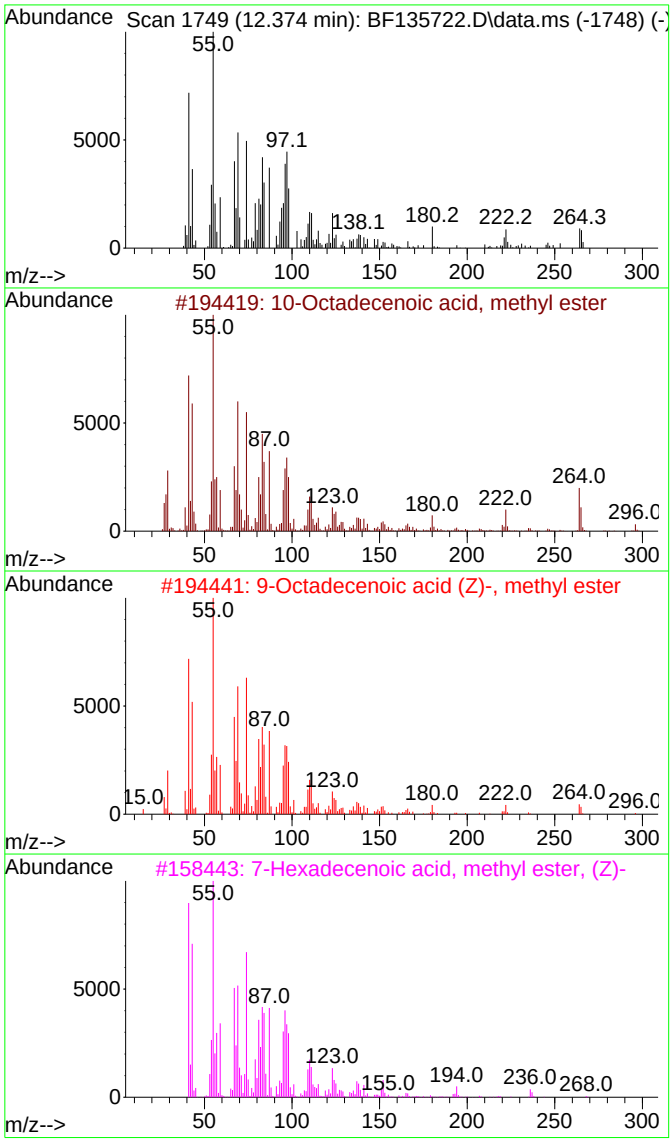
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

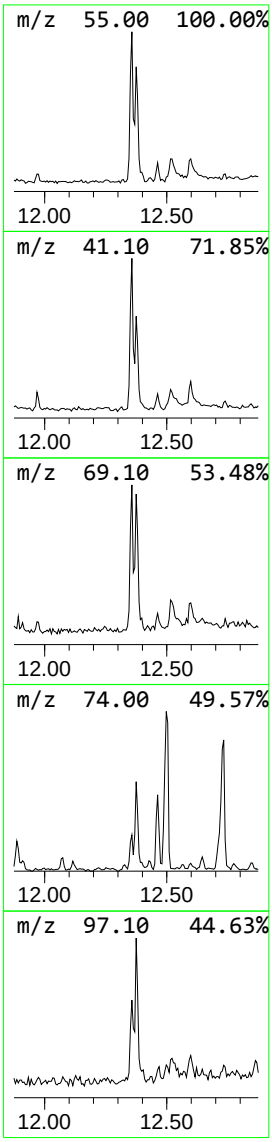
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 10-Octadecenoic acid, methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	12.40 ng	381844	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
3	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	87
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	83





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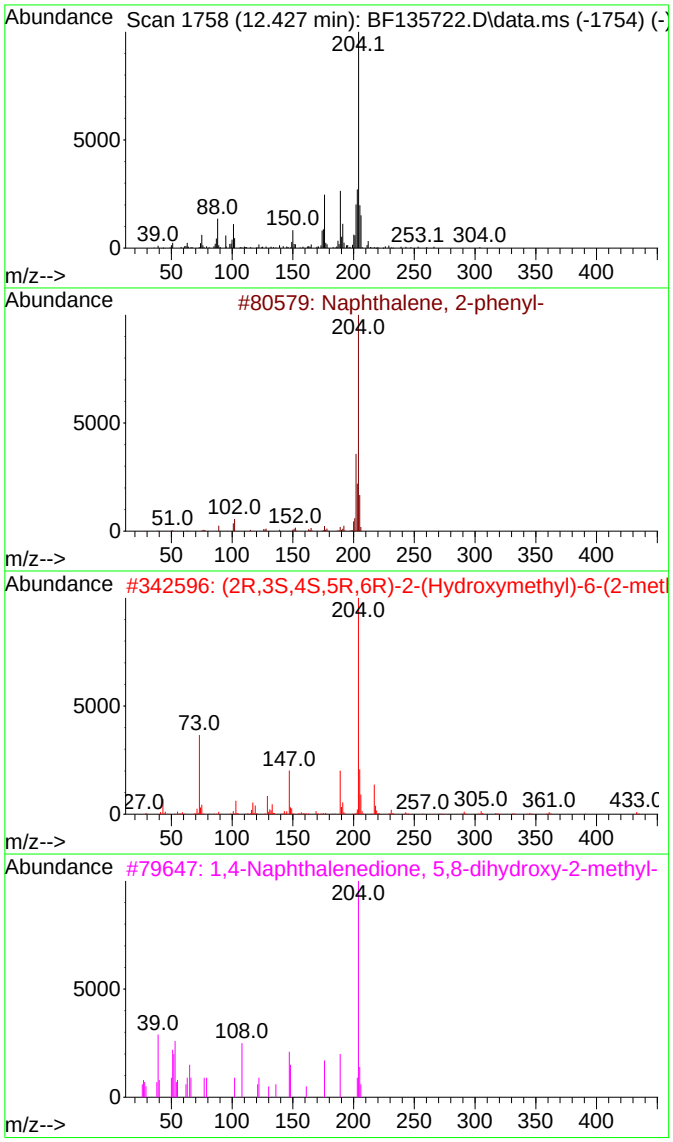
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

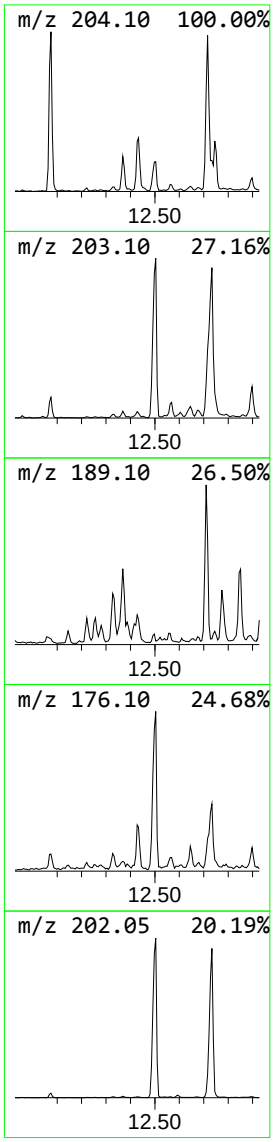
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,4-Naphthalenedione, 5,8-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	5.70 ng	175326	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
2	(2R,3S,4S,5R,6R)-2-(Hydroxymethy...	538	C23H54O6Si4	1000513-19-4	50
3	1,4-Naphthalenedione, 5,8-dihydr...	204	C11H8O4	014554-09-7	50
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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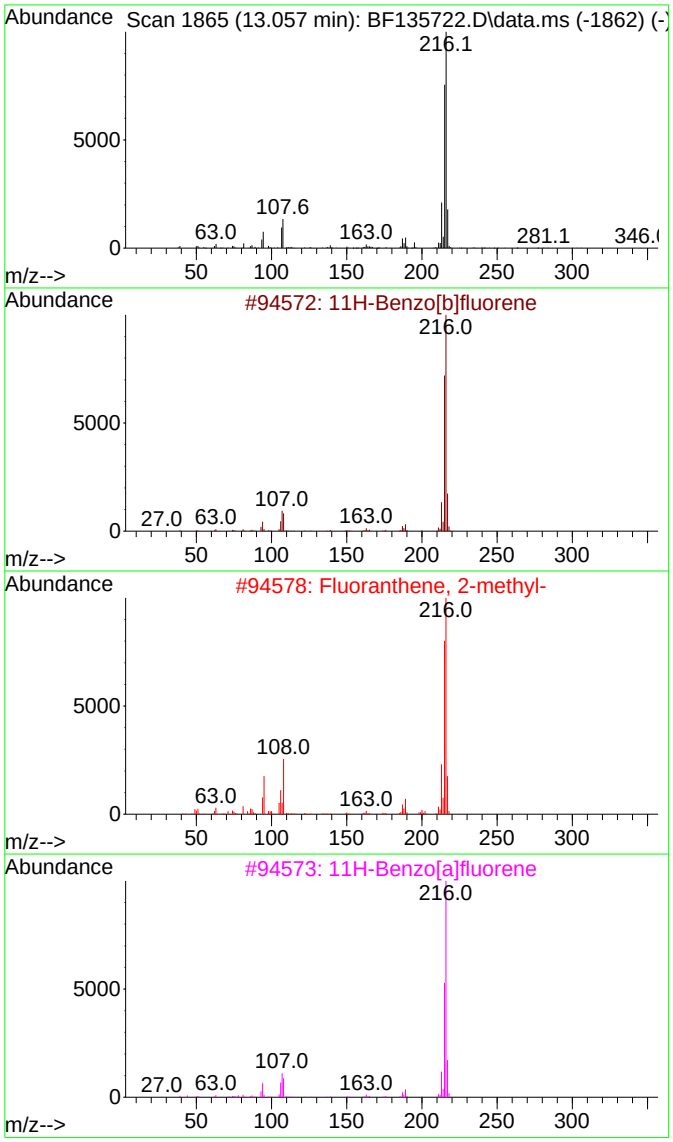
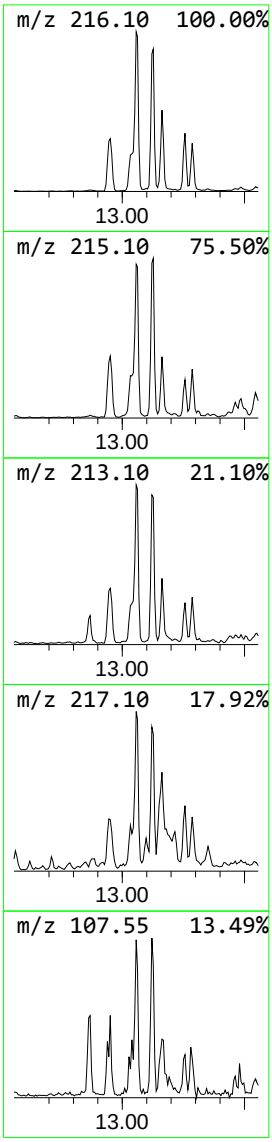
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	5.01 ng	668634	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135722.D
Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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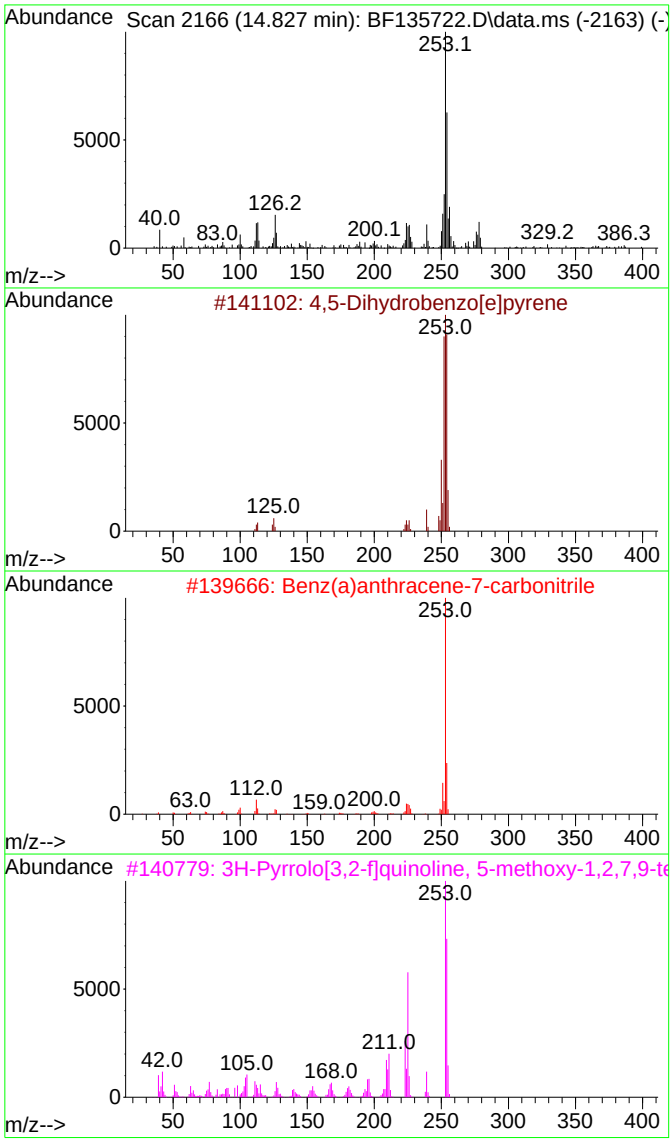
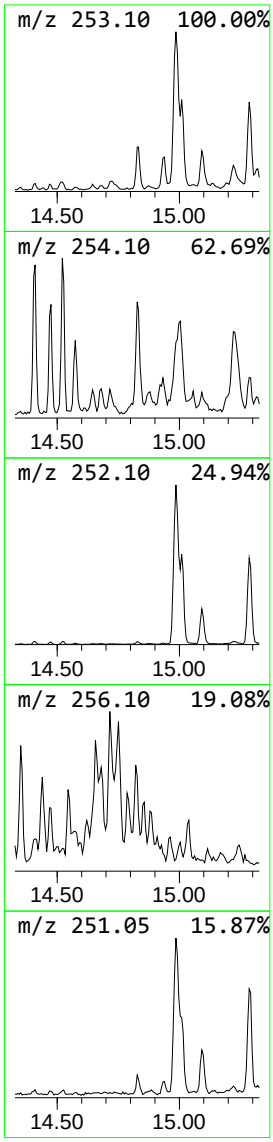
Peak Number 17 4,5-Dihydrobenzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	7.38 ng	154052	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	70
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	53
4	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	49
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	47





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Data File : BF135722.D
Acq On : 11 Oct 2023 19:47
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Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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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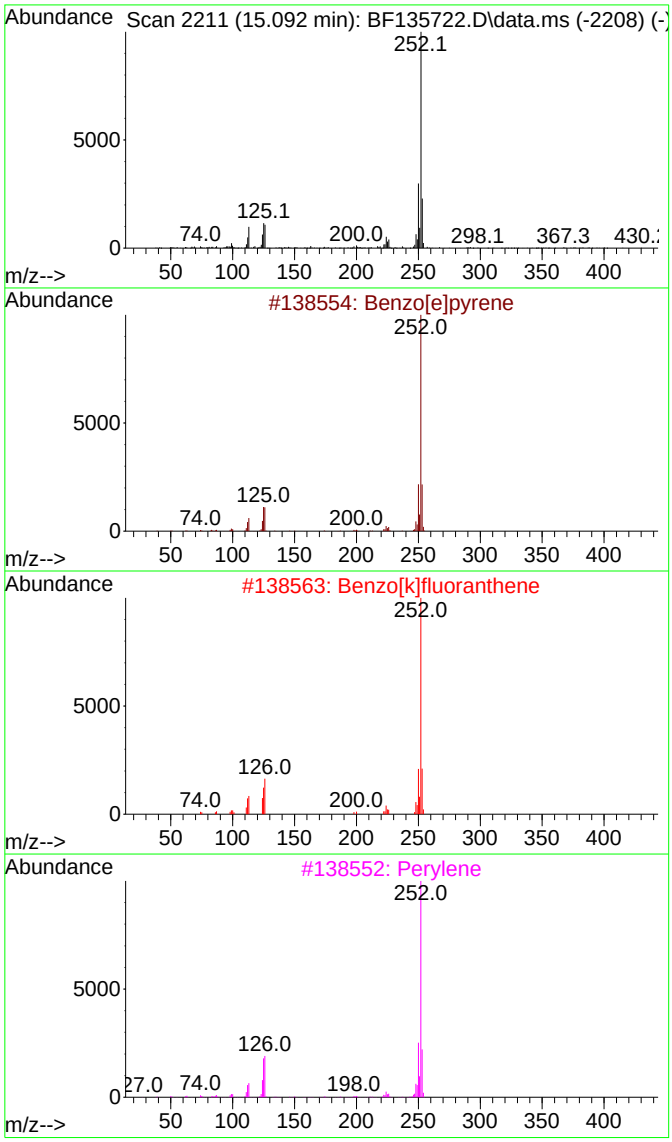
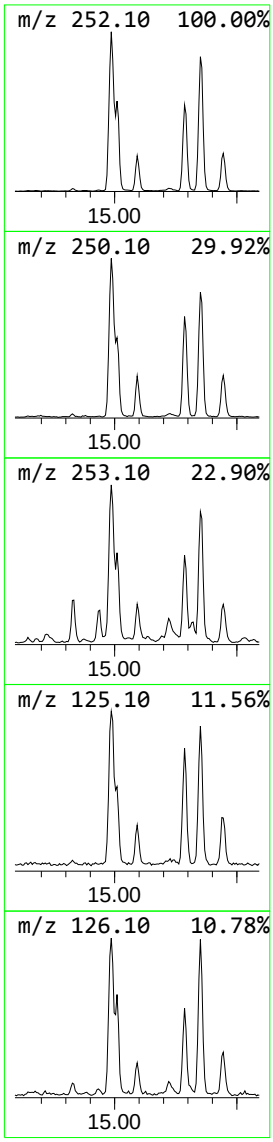
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	13.88 ng	289597	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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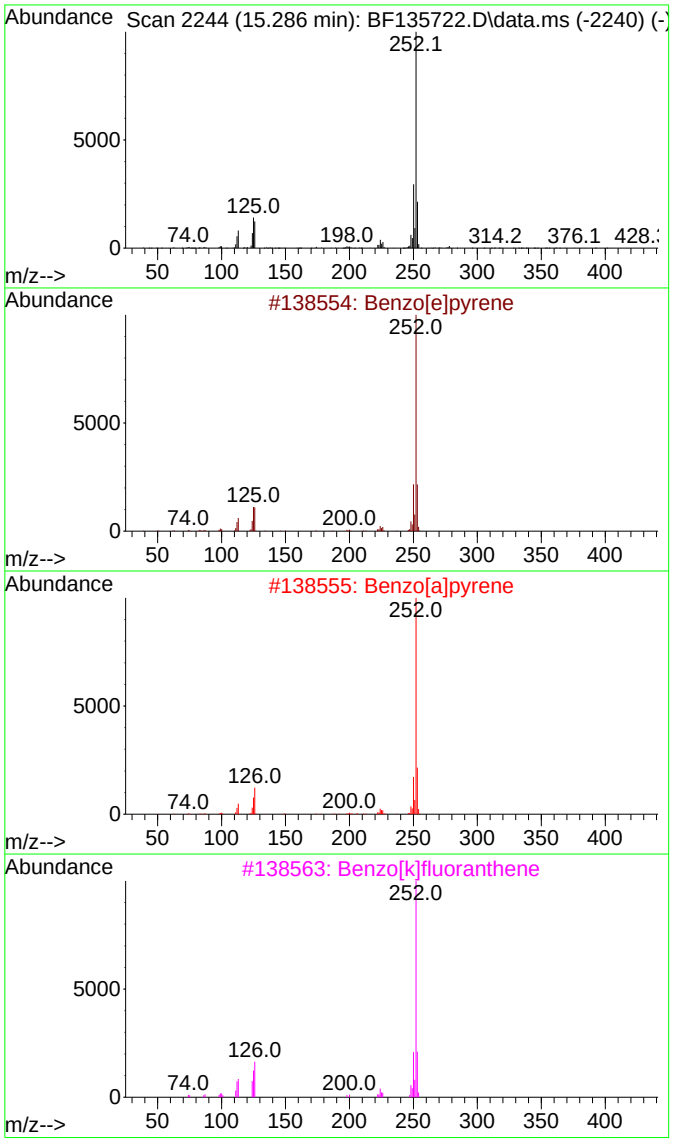
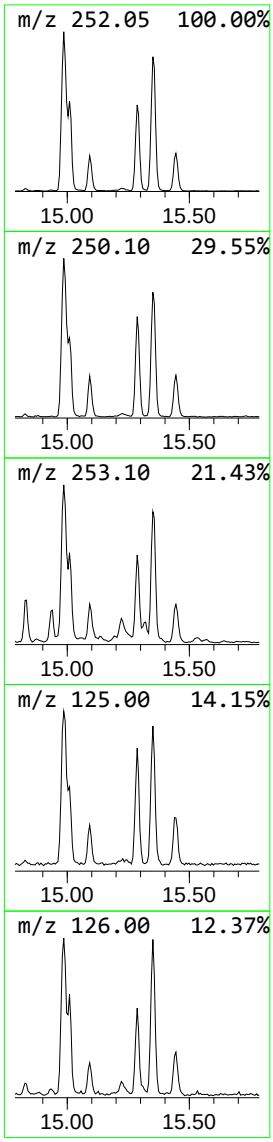
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	34.27 ng	714945	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF135722.D
Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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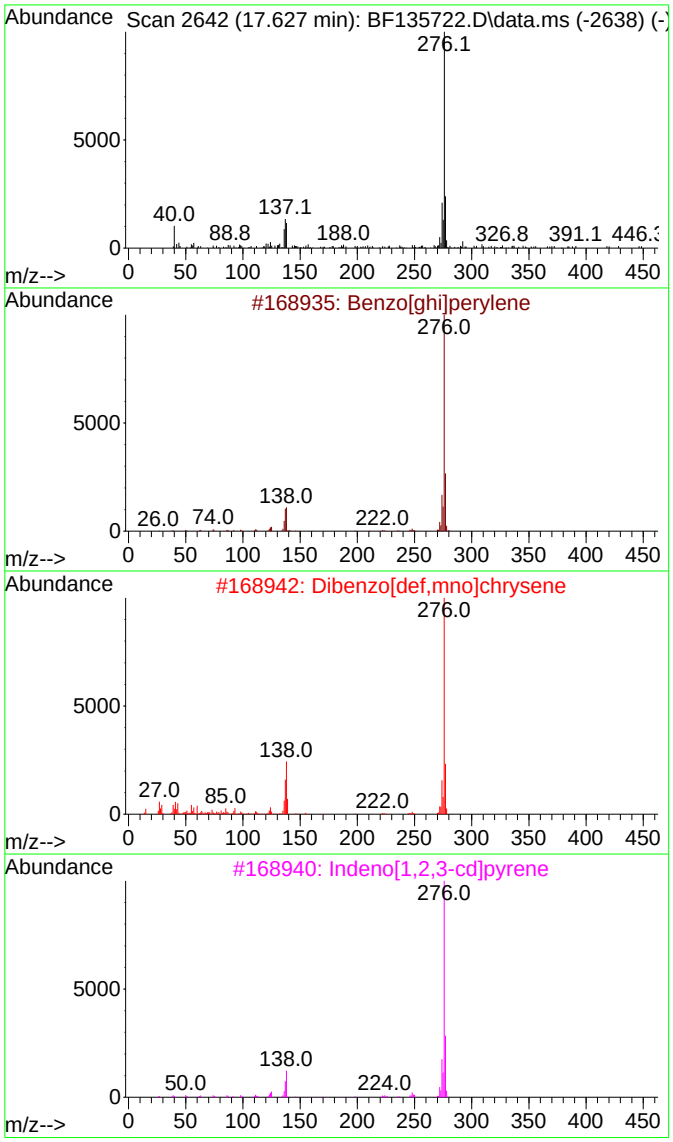
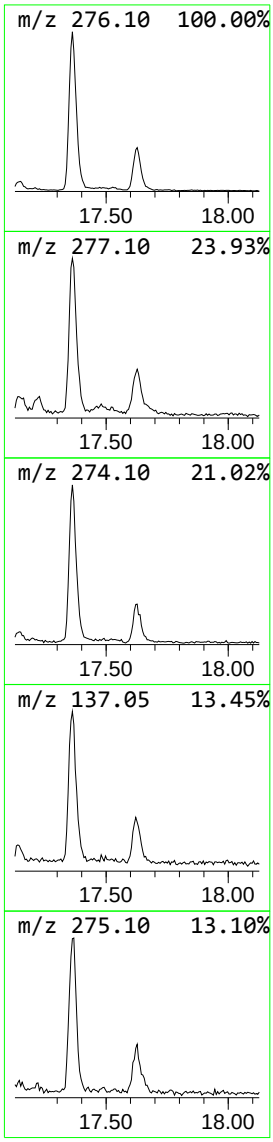
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.627	6.36 ng	132709	Perylene-d12	15.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	59
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135722.D
Acq On : 11 Oct 2023 19:47
Operator : CG\JU
Sample : 04808-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-100623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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-...	4.963	14.3	ng	435802	1	6.739	608535	20.0
Tetradecane	10.680	4.5	ng	139388	4	11.274	615706	20.0
9H-Fluorene, 2-...	10.880	6.2	ng	189722	4	11.274	615706	20.0
Benzenamine, 3-...	11.127	4.9	ng	150605	4	11.274	615706	20.0
Dibenzothiophene	11.169	7.3	ng	223753	4	11.274	615706	20.0
Phenanthrene, 2...	11.774	11.7	ng	361300	4	11.274	615706	20.0
Phenanthrene, 1...	11.804	21.5	ng	660703	4	11.274	615706	20.0
Anthracene, 2-m...	11.851	8.5	ng	261953	4	11.274	615706	20.0
4H-Cyclopenta[d...	11.886	29.4	ng	904238	4	11.274	615706	20.0
Anthracene, 9-m...	11.910	6.8	ng	208166	4	11.274	615706	20.0
Naphthalene, 2-...	12.074	8.7	ng	267861	4	11.274	615706	20.0
Phenanthrene, 2...	12.327	9.4	ng	288192	4	11.274	615706	20.0
9,12-Octadecadi...	12.357	23.1	ng	711841	4	11.274	615706	20.0
10-Octadecenoic...	12.374	12.4	ng	381844	4	11.274	615706	20.0
1,4-Naphthalene...	12.427	5.7	ng	175326	4	11.274	615706	20.0
11H-Benzo[b]flu...	13.057	5.0	ng	668634	5	13.939	2671230	20.0
4,5-Dihydrobenz...	14.827	7.4	ng	154052	6	15.409	417277	20.0
Benzo[e]pyrene	15.092	13.9	ng	289597	6	15.409	417277	20.0
Benzo[j]fluoran...	15.286	34.3	ng	714945	6	15.409	417277	20.0
Dibenzo[def,mno...	17.627	6.4	ng	132709	6	15.409	417277	20.0