LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.393	559	562	579	rVB	1216466	1160425	67.32%	4.224%
2	6.404	731	734	742	rBV	1180029	1135829	65.89%	4.135%
3	6.604	764	768	772	rBV3	27269	35606	2.07%	0.130%
4	6.769	793	796	800	rBV	722934	617729	35.83%	2.249%
5	7.334	888	892	895	rBV	858258	707942	41.07%	2.577%
6	7.792	964	970	975	rBV3	22869	46035	2.67%	0.168%
7	8.051	1008	1014	1016	rBV	982310	813524	47.19%	2.962%
8	8.069	1016	1017	1020	rVB	105531	77733	4.51%	0.283%
9	8.645	1112	1115	1118	rBV2	44162	39175	2.27%	0.143%
10	8.763	1132	1135	1139	rVB	123953	98306	5.70%	0.358%
11	8.863	1148	1152	1156	rVB	115267	102051	5.92%	0.372%
12	9.128	1193	1197	1200	rBV	1551088	1200369	69.63%	4.370%
13	9.210	1208	1211	1213	rBV	47785	42136	2.44%	0.153%
14	9.398	1238	1243	1246	rBV2	52384	73940	4.29%	0.269%
15	9.469	1251	1255	1257	rVV	92580	98930	5.74%	0.360%
16	9.492	1257	1259	1261	rVV	65064	53006	3.07%	0.193%
17	9.586	1272	1275	1279	rVB2	41267	51186	2.97%	0.186%
18	9.669	1286	1289	1292	rBV	97870	79246	4.60%	0.288%
19	9.745	1299	1302	1305	rVB	66013	47022	2.73%	0.171%
20	9.810	1306	1313	1316	rBV	889395	789302	45.79%	2.873%
21	9.839	1316	1318	1322	rVB	197874	156406	9.07%	0.569%
22	9.916	1328	1331	1335	rVB2	27626	35400	2.05%	0.129%
23	10.010	1344	1347	1352	rVV	123799	137600	7.98%	0.501%
24	10.051	1352	1354	1362	rVB3	47740	53393	3.10%	0.194%
25	10.128	1364	1367	1369	rBV2	42054	40645	2.36%	0.148%
26	10.245	1384	1387	1390	rVV2	72361	66544	3.86%	0.242%
27	10.357	1403	1406	1412	rBV	245620	212869	12.35%	0.775%
28	10.516	1431	1433	1437	rVB	56264	51889	3.01%	0.189%
29	10.598	1442	1447	1451	rBV	775735	683039	39.62%	2.487%
30	10.722	1465	1468	1475	rVB2	100153	133367	7.74%	0.486%
31	10.910	1495	1500	1502	rBV2	59191	66165	3.84%	0.241%
32	10.939	1502	1505	1508	rVV2	38291	41761	2.42%	0.152%
33	11.039	1517	1522	1524	rVV3	32012	49350	2.86%	0.180%
34	11.057	1524	1525	1530	rVV	41278	41508	2.41%	0.151%
35	11.110	1531	1534	1537	rVB2	39775	41024	2.38%	0.149%
36	11.151	1538	1541	1543	rVV	29982	38154	2.21%	0.139%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.175	1543	1545	1547	rVV	67648	60096	3.49%	0.219%
38	11.198	1547	1549	1555	rVB2	103801	101401	5.88%	0.369%
39	11.304	1563	1567	1569	rBV	763195	744334	43.18%	2.710%
40	11.327	1569	1571	1574	rVV	1370814	981294	56.92%	3.572%
41	11.374	1574	1579	1583	rVV	333176	308985	17.92%	1.125%
42	11.410	1583	1585	1589	rVB2	41258	46265	2.68%	0.168%
43	11.539	1604	1607	1608	rBV	74686	66814	3.88%	0.243%
44	11.604	1615	1618	1620	rBV	94394	73063	4.24%	0.266%
45	11.633	1620	1623	1629	rVB3	63674	67823	3.93%	0.247%
46	11.716	1635	1637	1642	rVB	40351	41701	2.42%	0.152%
47	11.763	1642	1645	1648	rBV4	36962	50276	2.92%	0.183%
48	11.804	1649	1652	1655	rVV	252756	257722	14.95%	0.938%
49	11.833	1655	1657	1662	rVV2	396944	402360	23.34%	1.465%
50	11.880	1662	1665	1668	rVV	112059	114340	6.63%	0.416%
51	11.916	1668	1671	1674	rVV	354611	392454	22.77%	1.429%
52	11.939	1674	1675	1680	rVB	172275	125843	7.30%	0.458%
53	12.016	1685	1688	1690	rVB2	67066	60102	3.49%	0.219%
54	12.039	1690	1692	1695	rBV2	41345	36323	2.11%	0.132%
55	12.104	1700	1703	1705	rVV	152598	136220	7.90%	0.496%
56	12.133	1705	1708	1711	rVB2	77809	79720	4.62%	0.290%
57	12.233	1723	1725	1726	rBV	44757	34699	2.01%	0.126%
58	12.251	1726	1728	1731	rVV	66958	68005	3.94%	0.248%
59	12.286	1731	1734	1736	rVV	99440	89920	5.22%	0.327%
60	12.310	1736	1738	1740	rVB2	72626	54004	3.13%	0.197%
61	12.363	1743	1747	1749	rBV	200257	217345	12.61%	0.791%
62	12.398	1749	1753	1758	rVB4	139087	228626	13.26%	0.832%
63	12.445	1758	1761	1766	rBV2	127261	157014	9.11%	0.572%
64	12.527	1771	1775	1778	rBV	1747253	1583059	91.83%	5.763%
65	12.569	1780	1782	1784	rBV	56531	53480	3.10%	0.195%
66	12.621	1788	1791	1793	rBV2	38259	46886	2.72%	0.171%
67	12.757	1807	1814	1816	rBV	1555150	1723841	100.00%	6.275%
68	12.774	1816	1817	1820	rVV2	137154	94793	5.50%	0.345%
69	12.804	1820	1822	1827	rVB2	77716	107908	6.26%	0.393%
70	12.874	1831	1834	1835	rBV2	85626	82516	4.79%	0.300%
71	12.898	1835	1838	1845	rVB	1219942	1124121	65.21%	4.092%
72	12.969	1846	1850	1854	rBV3	155321	267388	15.51%	0.973%
73	13.057	1863	1865	1866	rBV2	116575	97632	5.66%	0.355%
74	13.086	1867	1870	1873	rVB	282631	295482	17.14%	1.076%
75	13.151	1876	1881	1883	rBV2	221375	255007	14.79%	0.928%
76	13.186	1883	1887	1890	rBV	268405	276774	16.06%	1.008%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.245	1895	1897	1899	rBV	44035	40076	2.32%	0.146%
78	13.280	1900	1903	1905	rBV	134330	106993	6.21%	0.389%
79	13.310	1905	1908	1911	rBV	142300	123858	7.19%	0.451%
80	13.486	1935	1938	1940	rBV2	115114	100402	5.82%	0.366%
81	13.598	1954	1957	1961	rVB	156399	169398	9.83%	0.617%
82	13.704	1971	1975	1978	rBV3	194587	260485	15.11%	0.948%
83	13.733	1978	1980	1982	rVV	163146	151109	8.77%	0.550%
84	13.757	1982	1984	1986	rVV	144928	151459	8.79%	0.551%
85	13.810	1990	1993	2002	rVB4	244923	443994	25.76%	1.616%
86	13.957	2014	2018	2021	rBV2	1002864	1408502	81.71%	5.127%
87	13.986	2021	2023	2026	rVB	700410	579863	33.64%	2.111%
88	14.068	2035	2037	2039	rVB	130285	99412	5.77%	0.362%
89	14.133	2046	2048	2051	rVB2	134610	102424	5.94%	0.373%
90	14.351	2083	2085	2088	rVB	197590	153317	8.89%	0.558%
91	14.386	2089	2091	2094	rVB	97142	71956	4.17%	0.262%
92	14.445	2098	2101	2103	rVB3	212539	179194	10.40%	0.652%
93	14.474	2104	2106	2108	rBV2	107159	102192	5.93%	0.372%
94	14.751	2150	2153	2155	rBV2	166262	184361	10.69%	0.671%
95	15.010	2193	2197	2200	rBV	565212	887624	51.49%	3.231%
96	15.310	2245	2248	2254	rVB	366080	455187	26.41%	1.657%
97	15.374	2255	2259	2264	rVB	528554	636827	36.94%	2.318%
98	15.439	2266	2270	2272	rBV	292980	368678	21.39%	1.342%
99	15.921	2349	2352	2356	rBV2	107324	162462	9.42%	0.591%
100	16.921	2518	2522	2532	rVB2	205321	405718	23.54%	1.477%

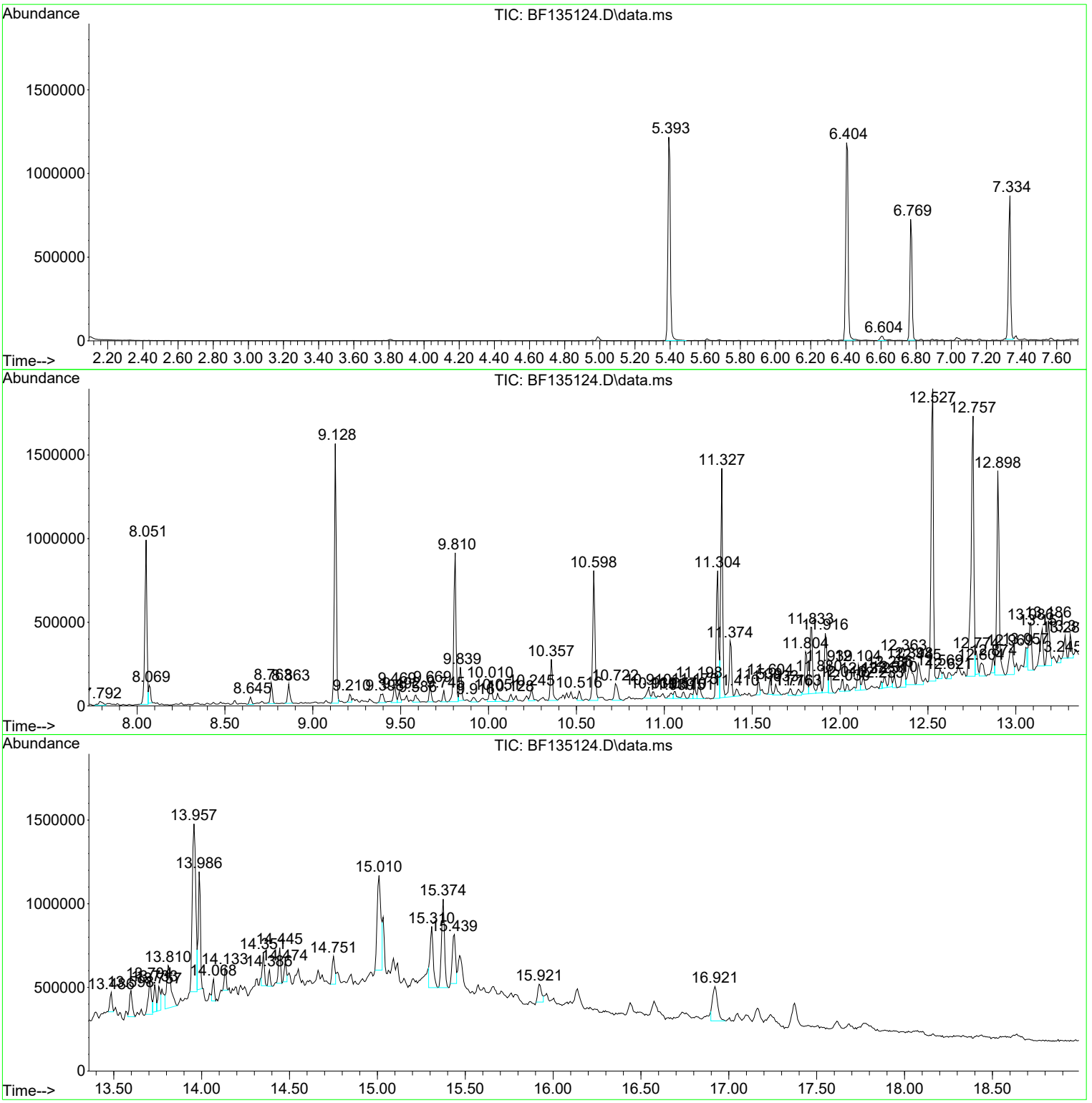
Sum of corrected areas: 27469733

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

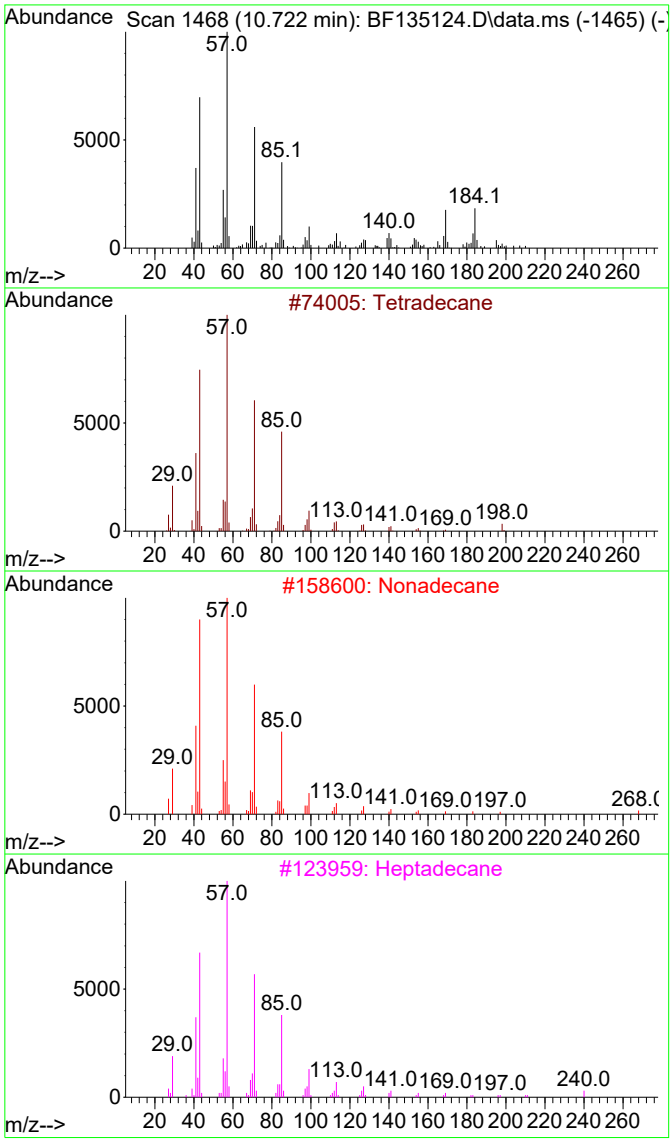
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

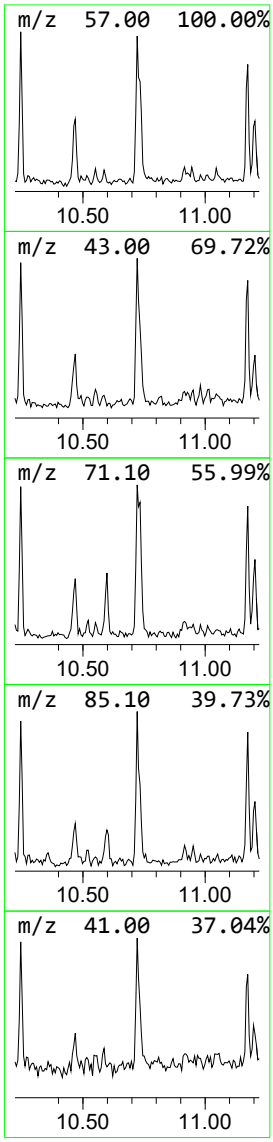
****

Peak Number 1 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	3.58 ng	133367	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Nonadecane	268	C19H40	000629-92-5	76
3	Heptadecane	240	C17H36	000629-78-7	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Eicosane	282	C20H42	000112-95-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

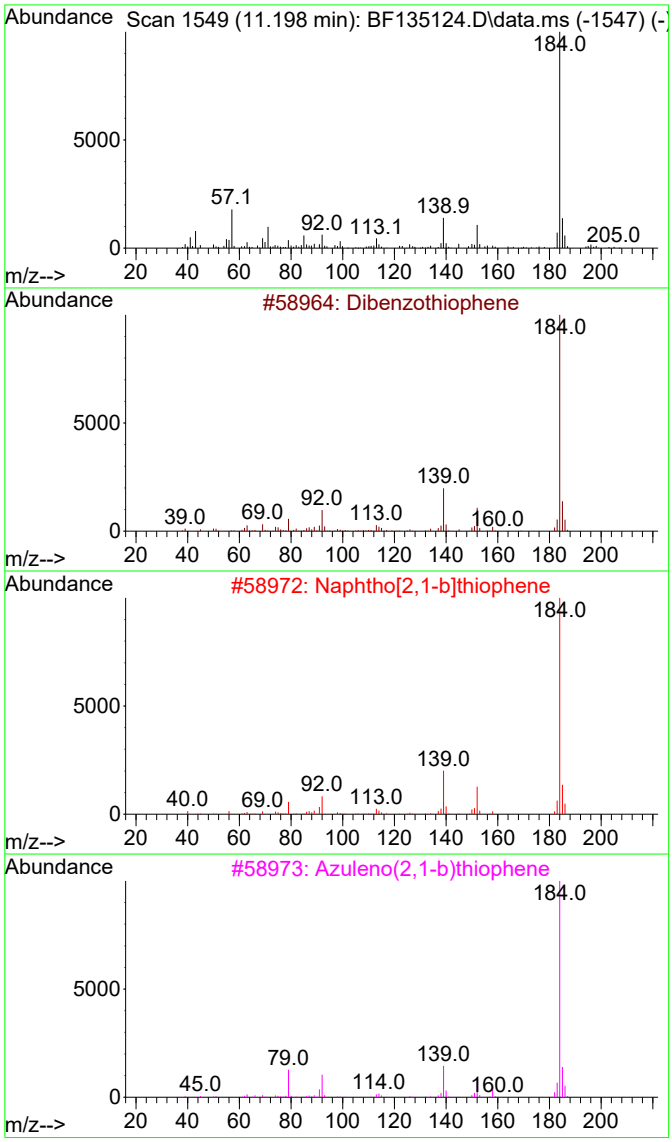
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

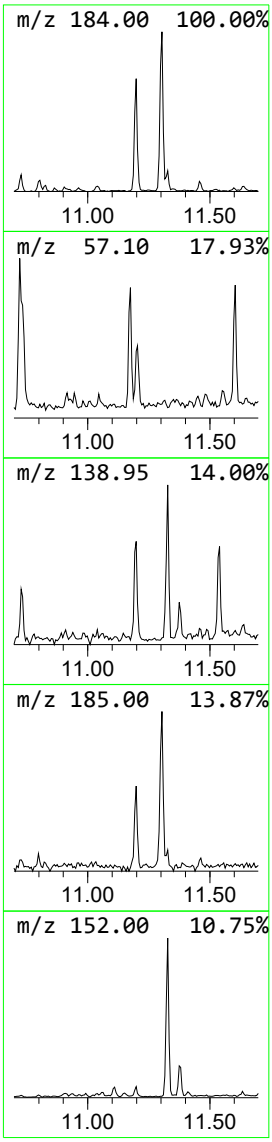
****

Peak Number 2 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	2.72 ng	101401	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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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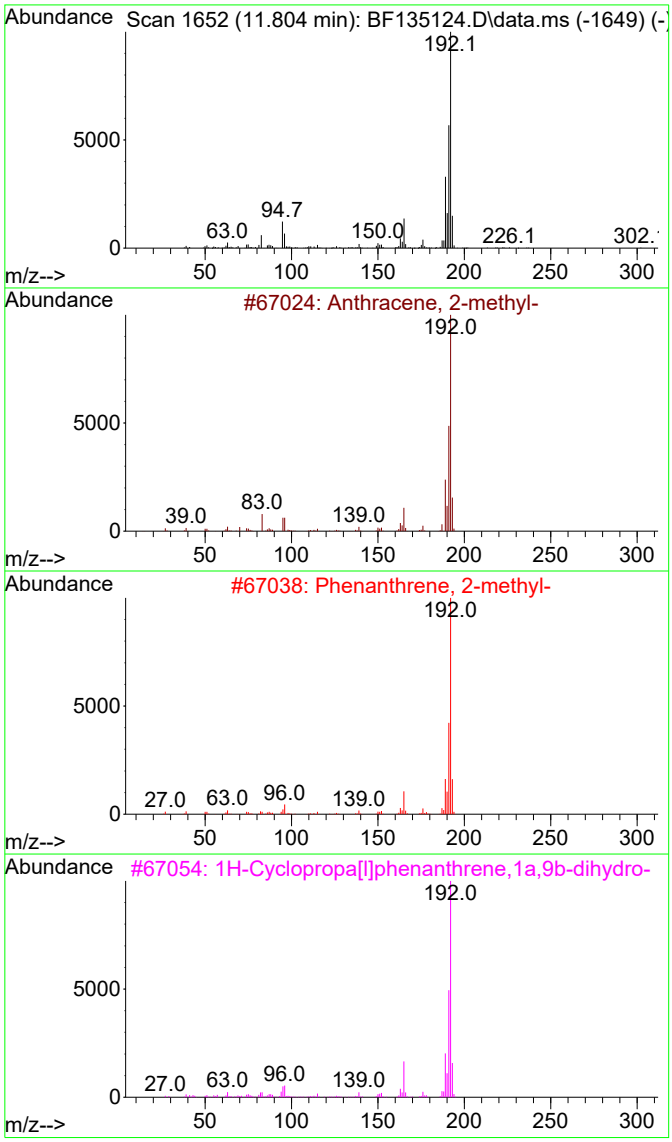
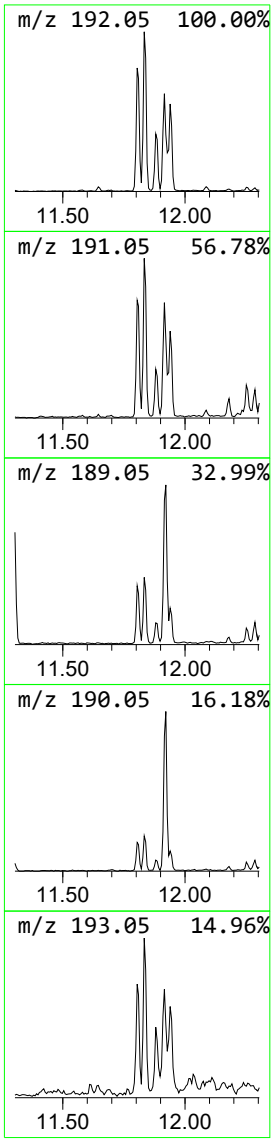
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	6.92 ng	257722	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

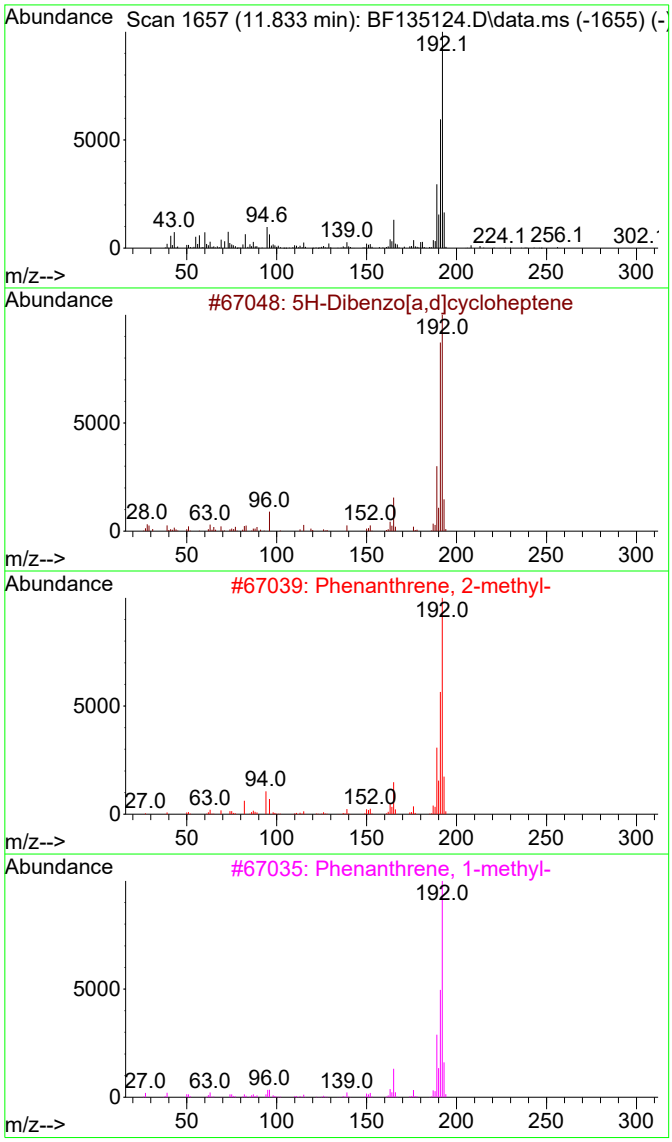
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

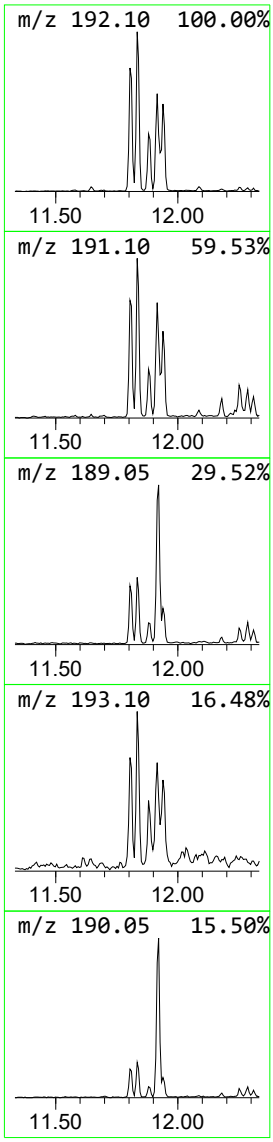
****

Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	10.81 ng	402360	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

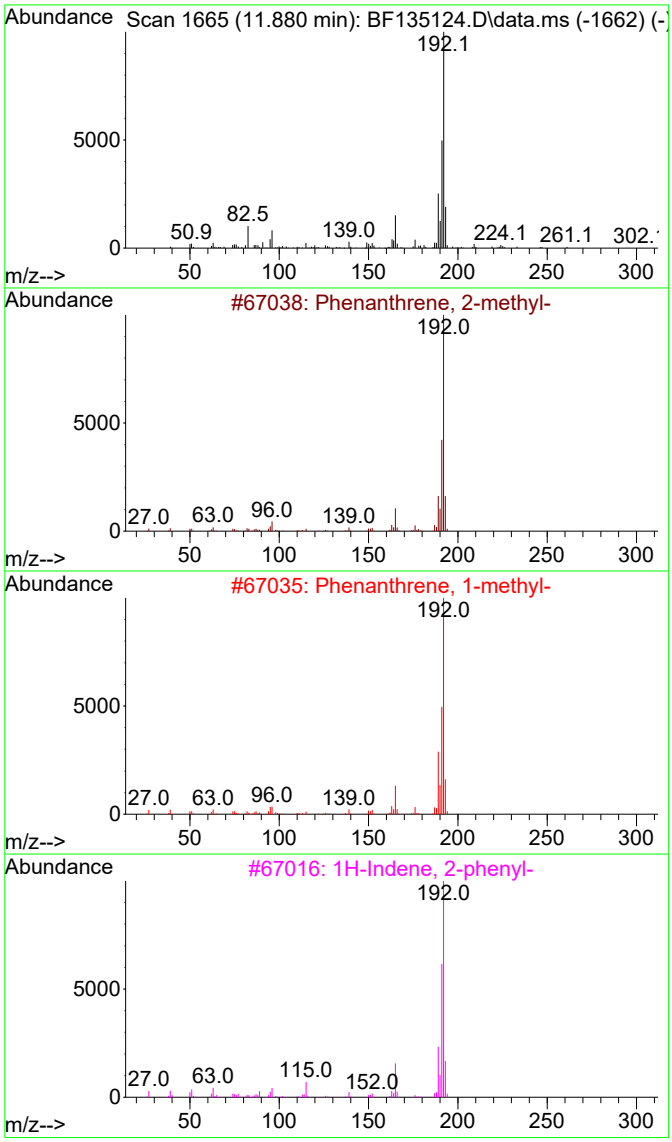
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

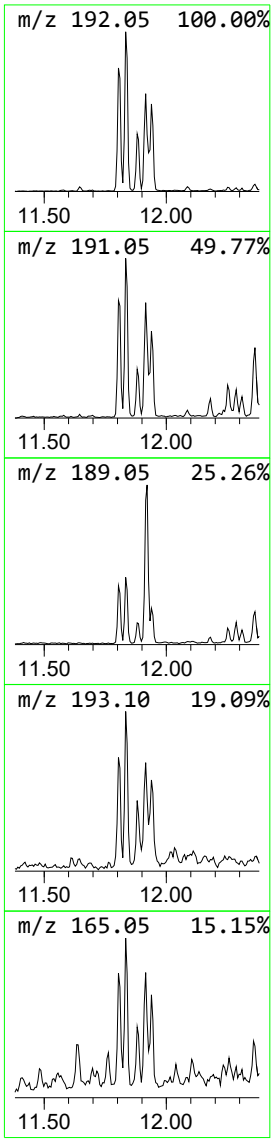
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	3.07 ng	114340	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





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Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

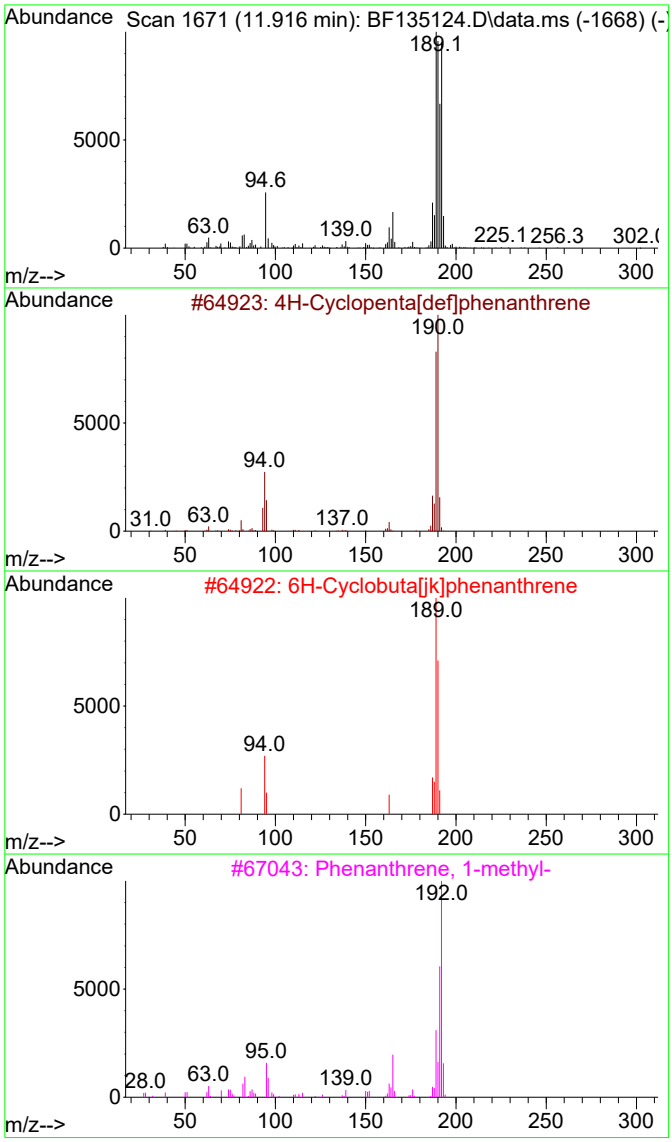
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

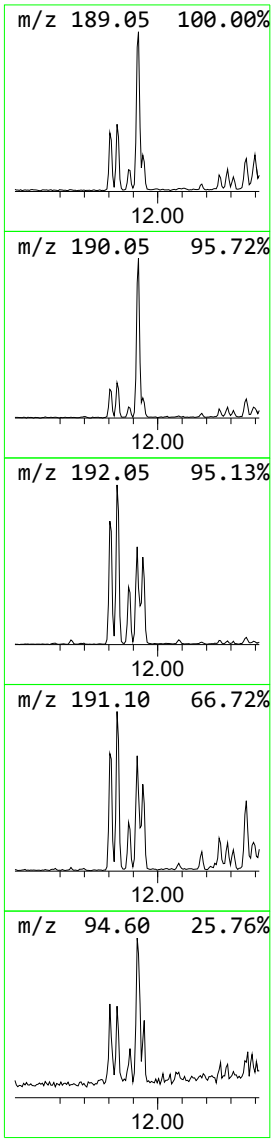
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	10.55 ng	392454	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42





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Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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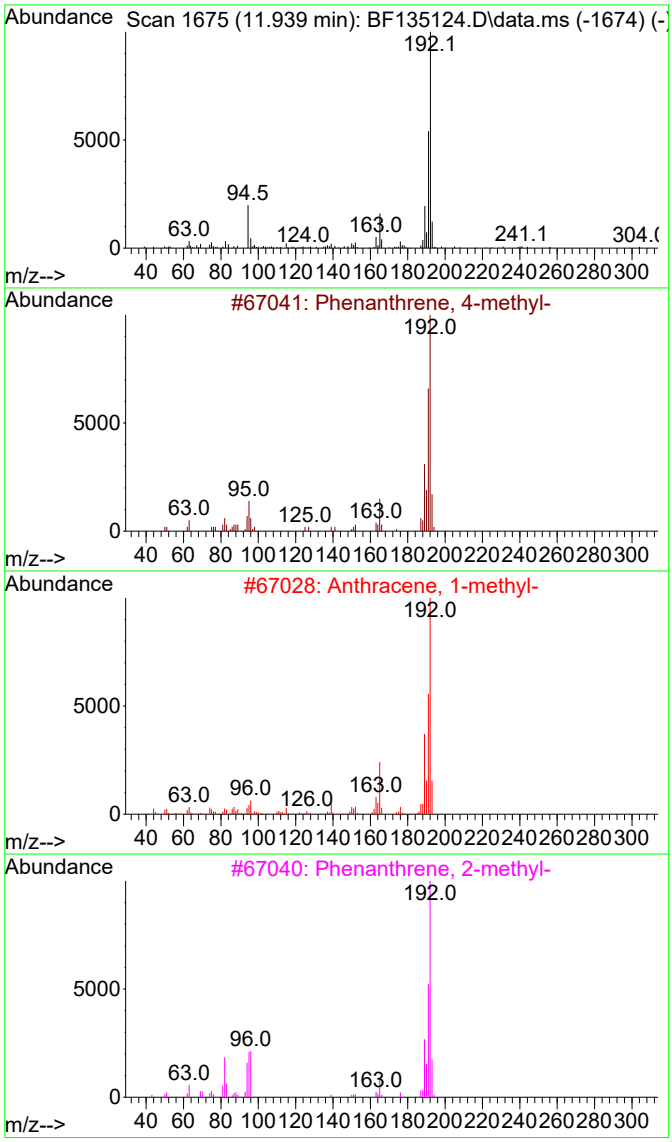
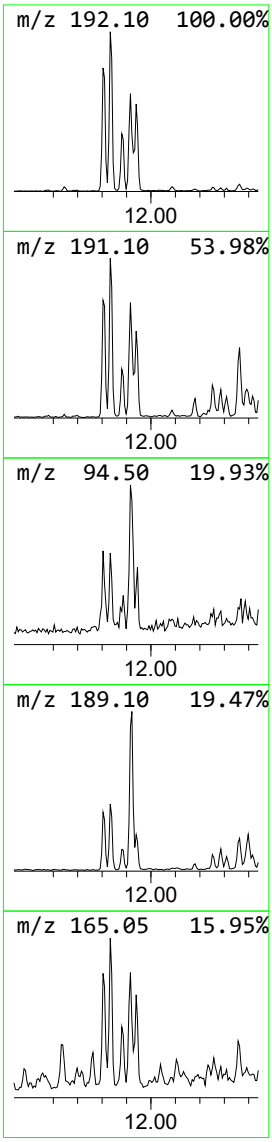
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.38 ng	125843	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	68





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Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-083023

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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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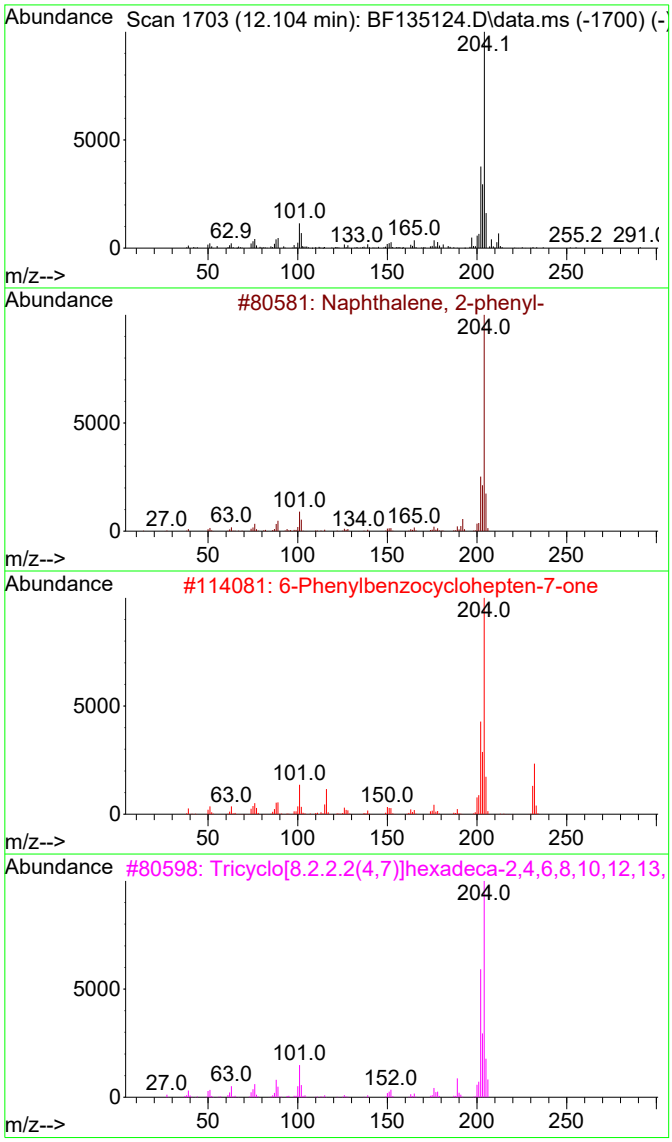
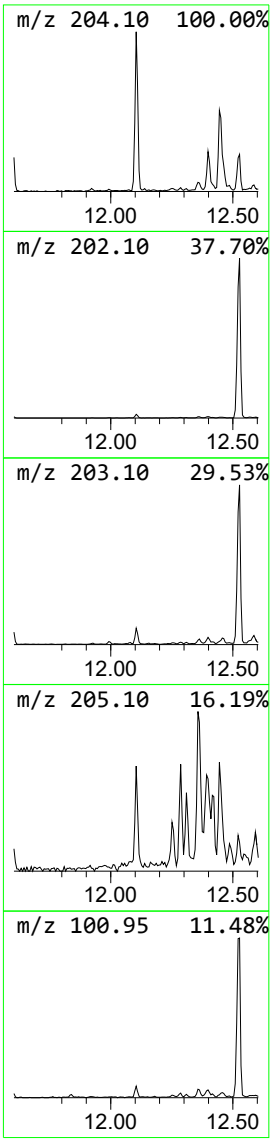
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.66 ng	136220	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Sample : 04249-01 2X
Misc :
ALS Vial : 35 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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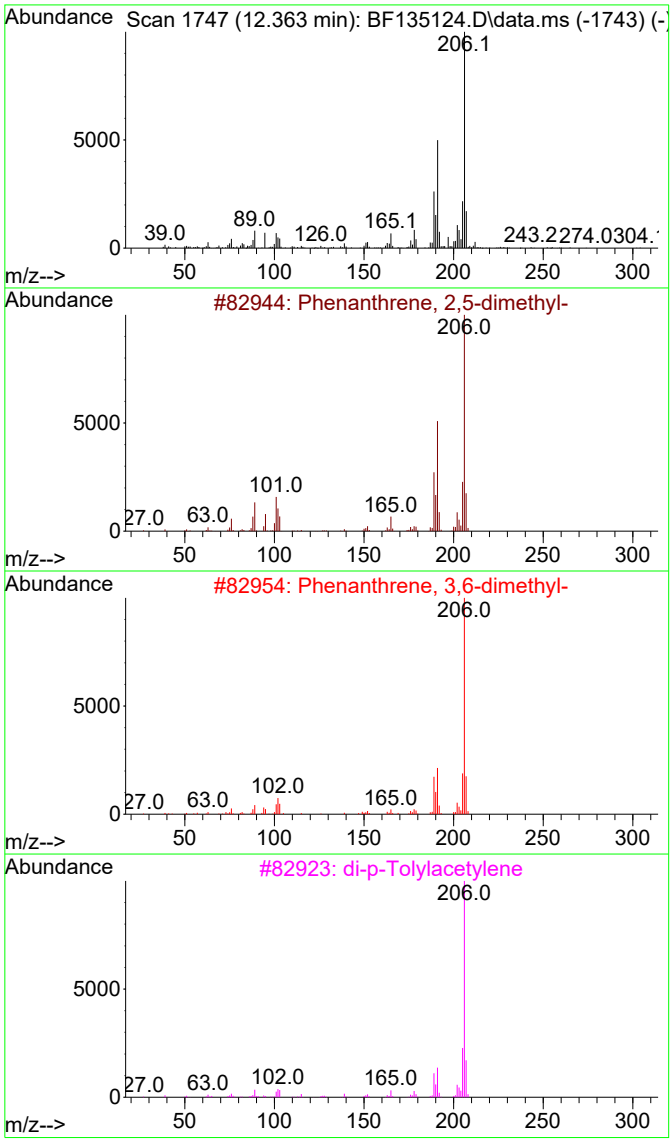
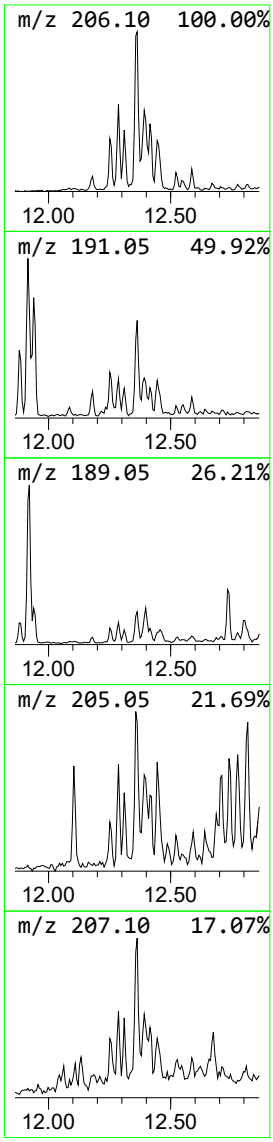
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	5.84 ng	217345	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Sample : 04249-01 2X
Misc :
ALS Vial : 35 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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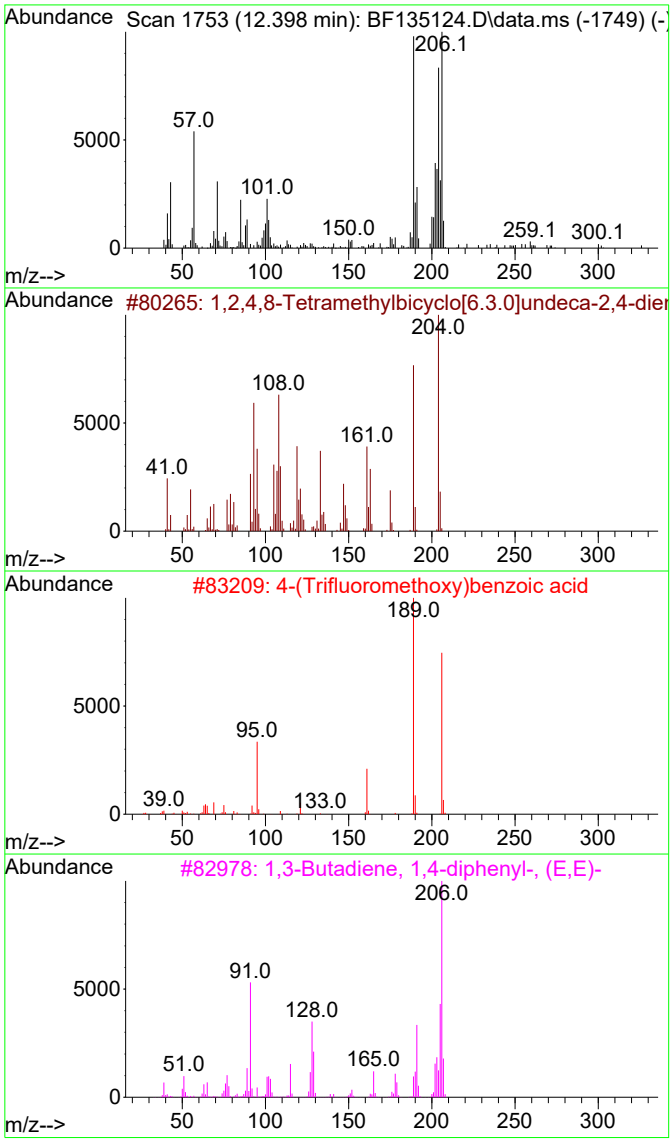
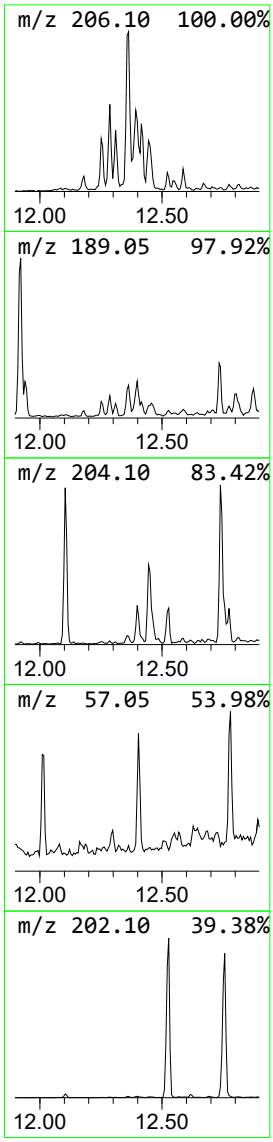
Peak Number 10 unknown12.398 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	6.14 ng	228626	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	30
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27





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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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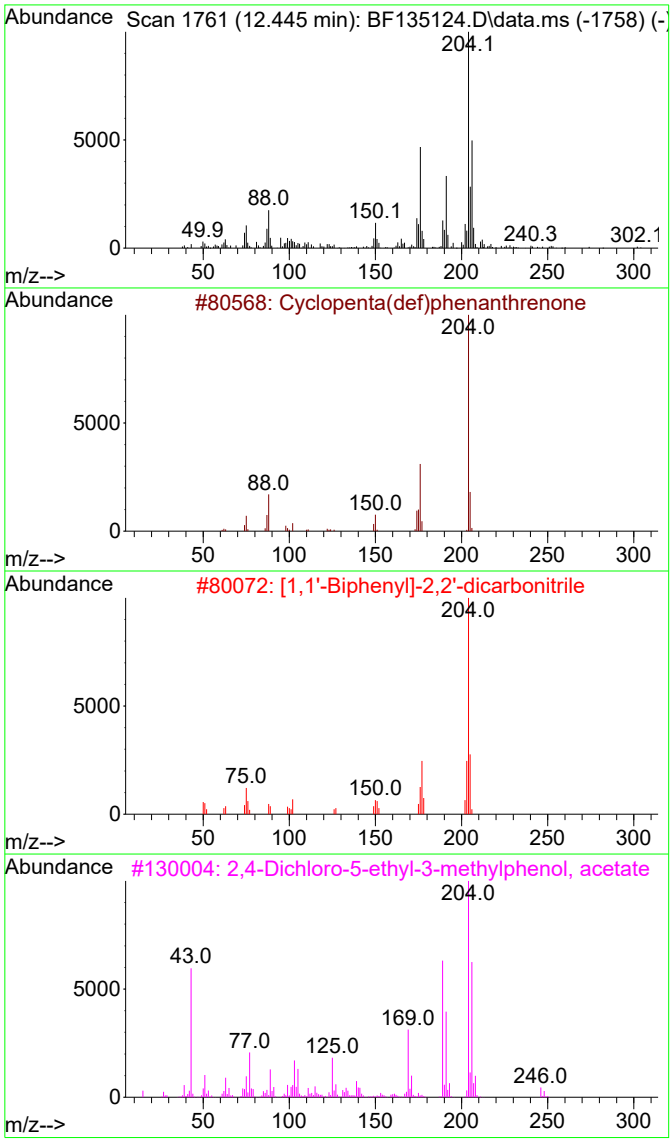
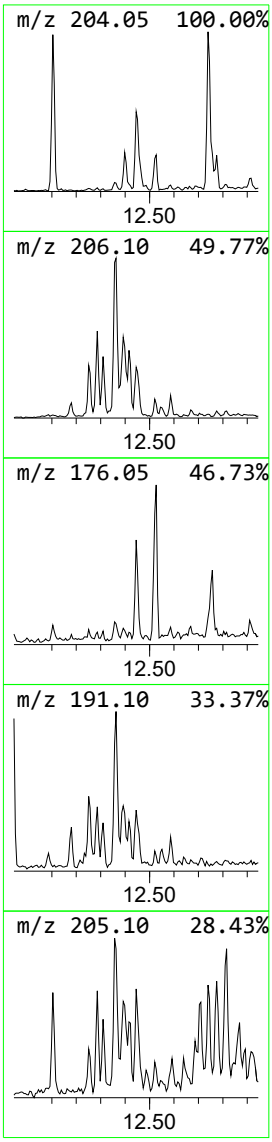
Peak Number 11 unknown12.445 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.22 ng	157014	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	2,4-Dichloro-5-ethyl-3-methylphe...	246	C11H12Cl2O2	1000467-41-4	40
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	37
5	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	37





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Misc :
ALS Vial : 35 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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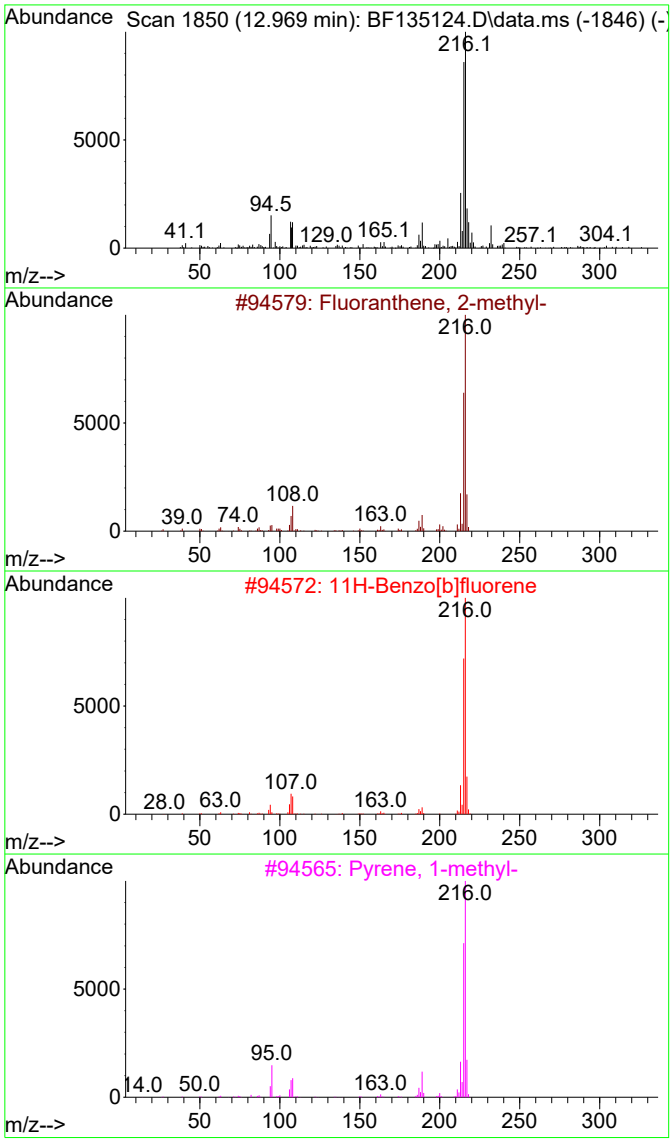
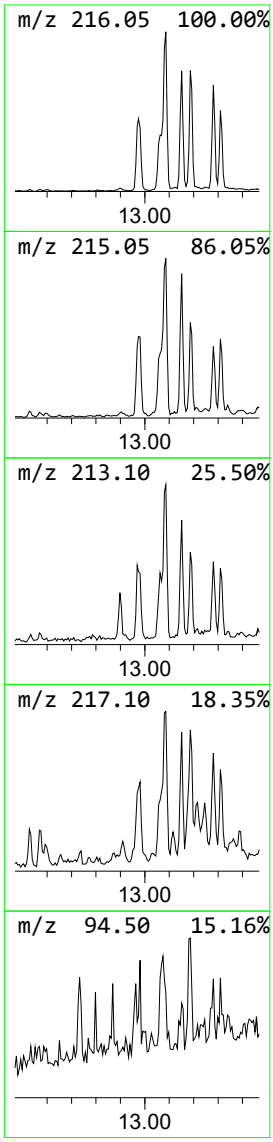
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	3.80 ng	267388	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 35 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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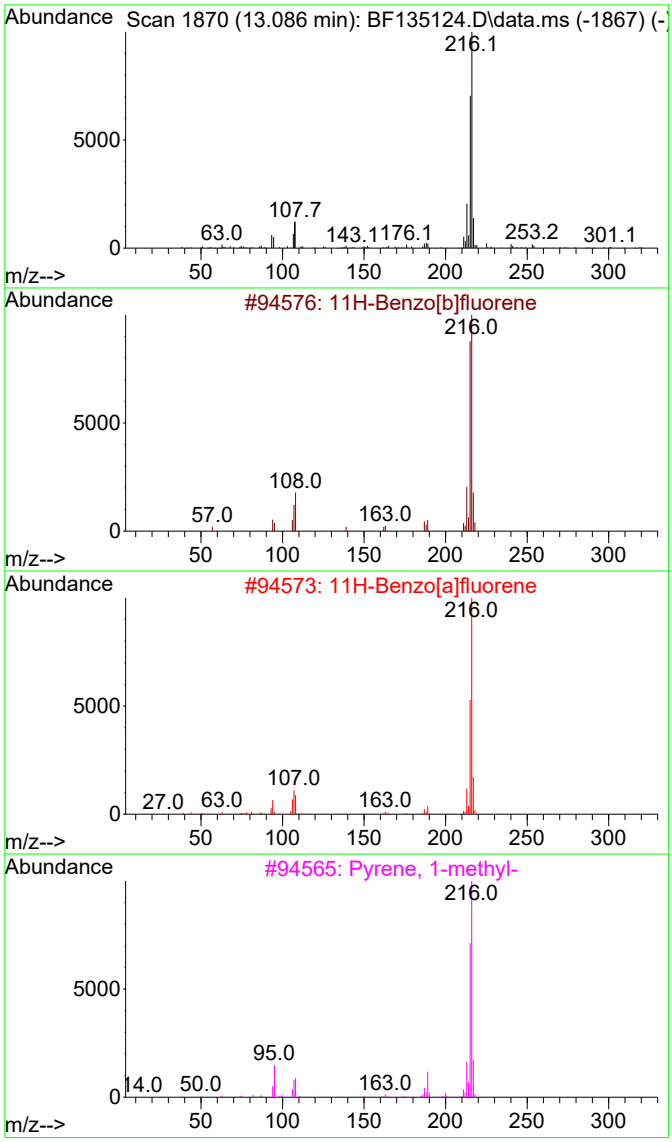
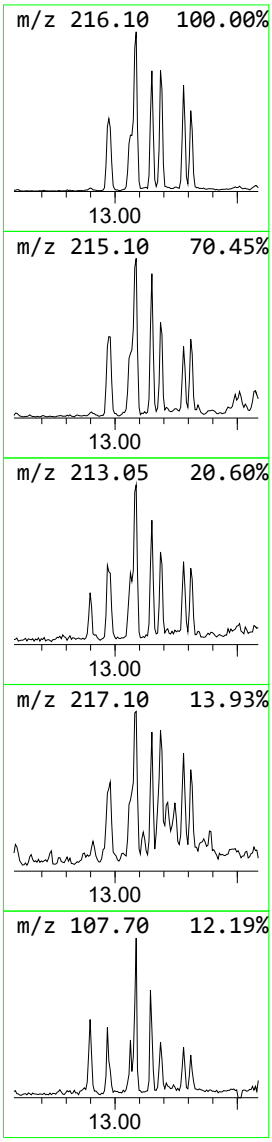
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	4.20 ng	295482	Chrysene-d12	13.963

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	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Misc :
ALS Vial : 35 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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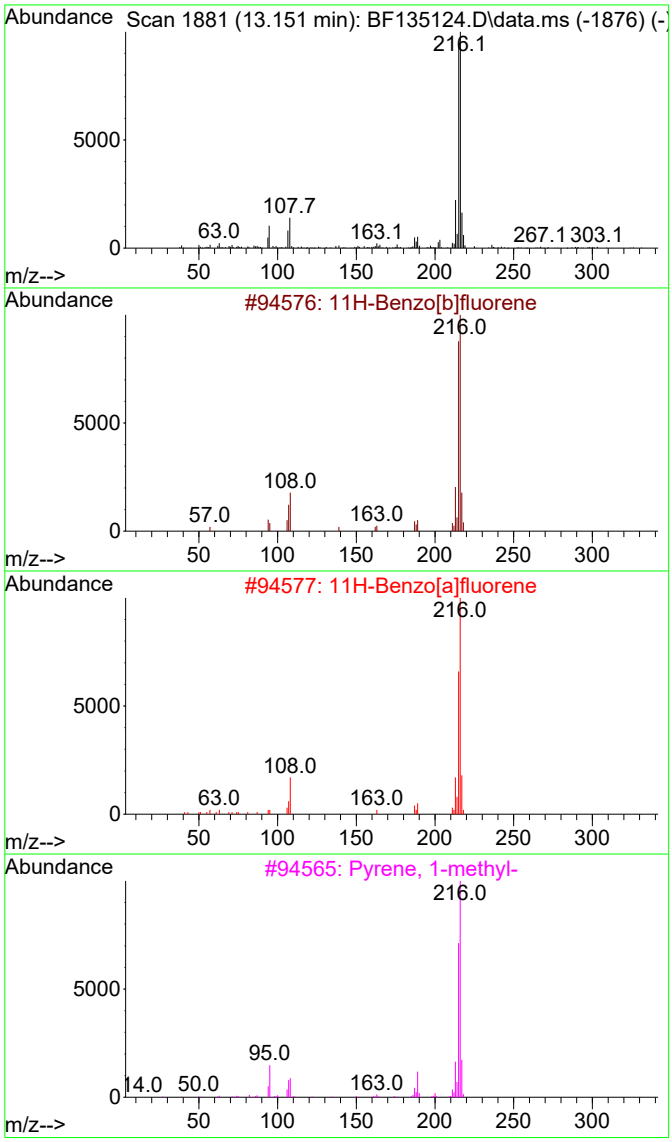
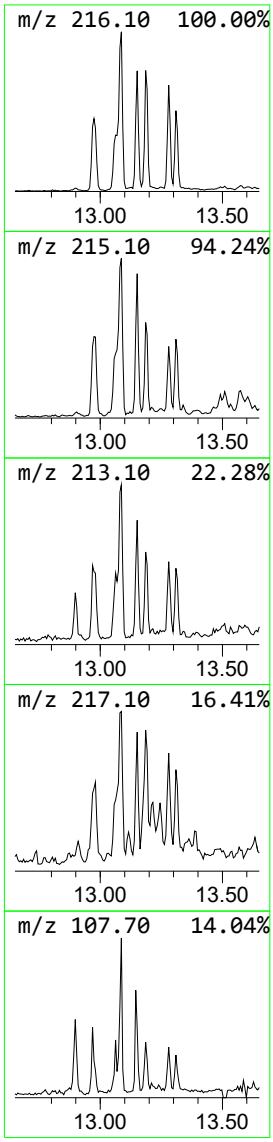
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	3.62 ng	255007	Chrysene-d12	13.963

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Misc :
ALS Vial : 35 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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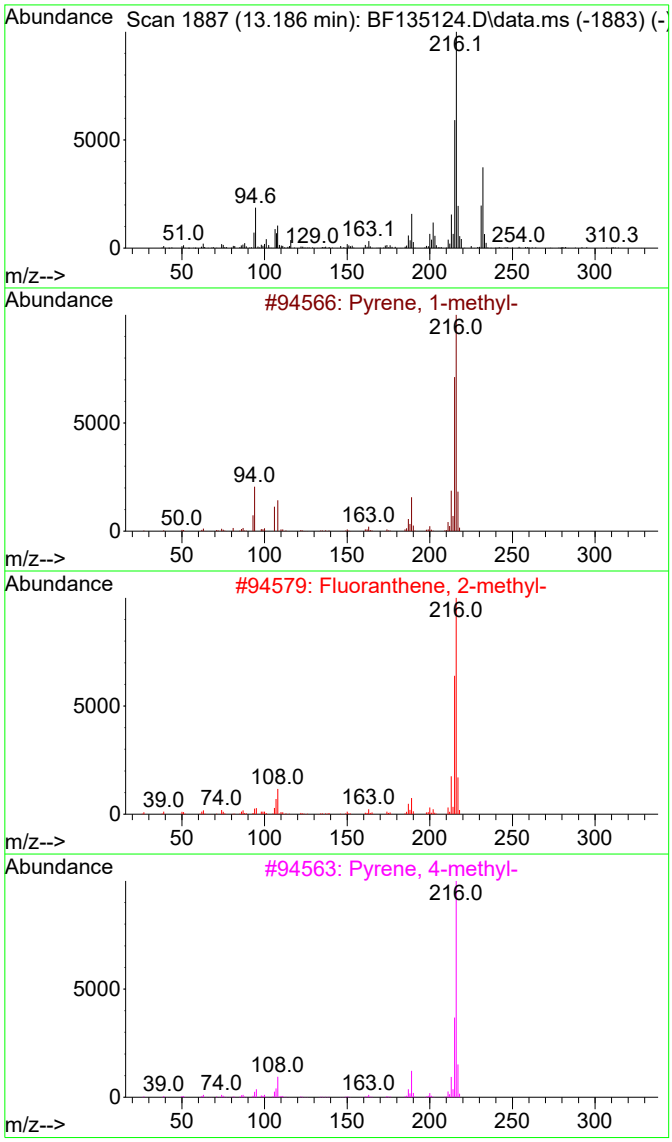
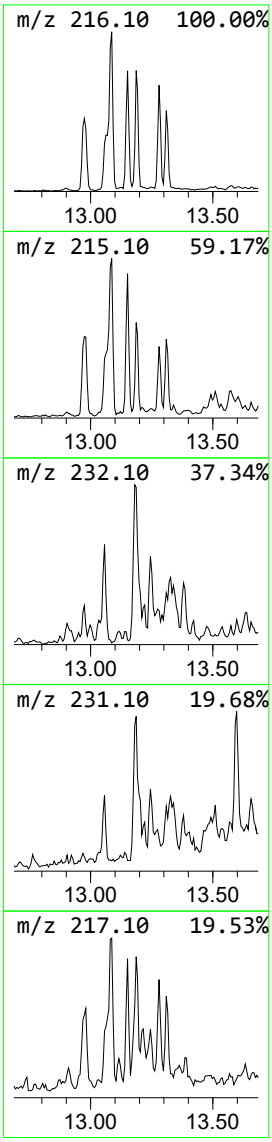
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	3.93 ng	276774	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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ALS Vial : 35 Sample Multiplier: 1

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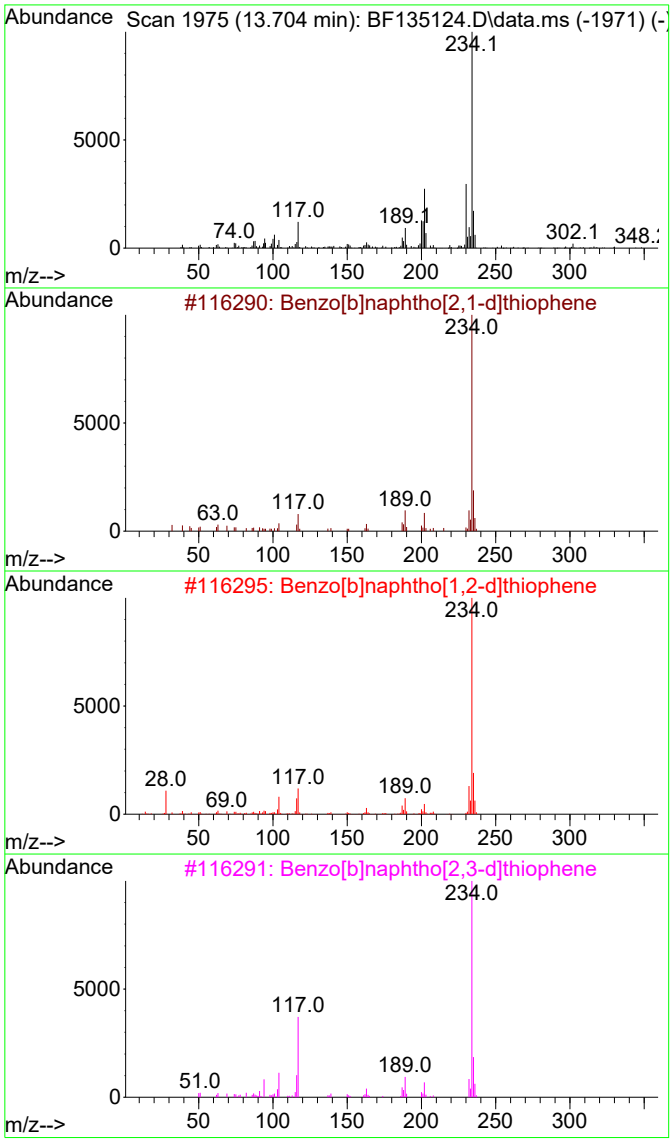
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

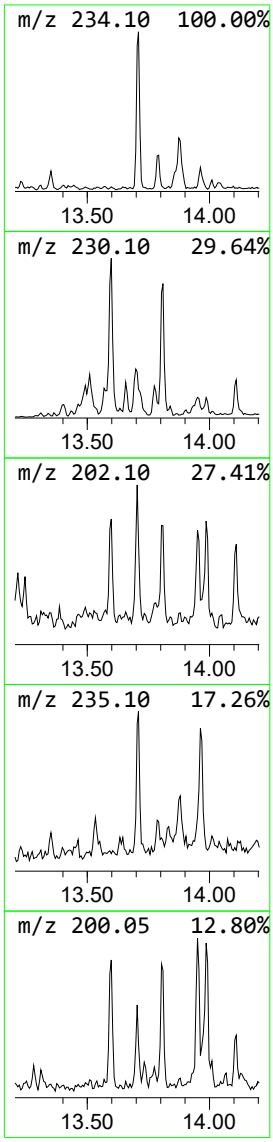
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	3.70 ng	260485	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
4	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	47
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46





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Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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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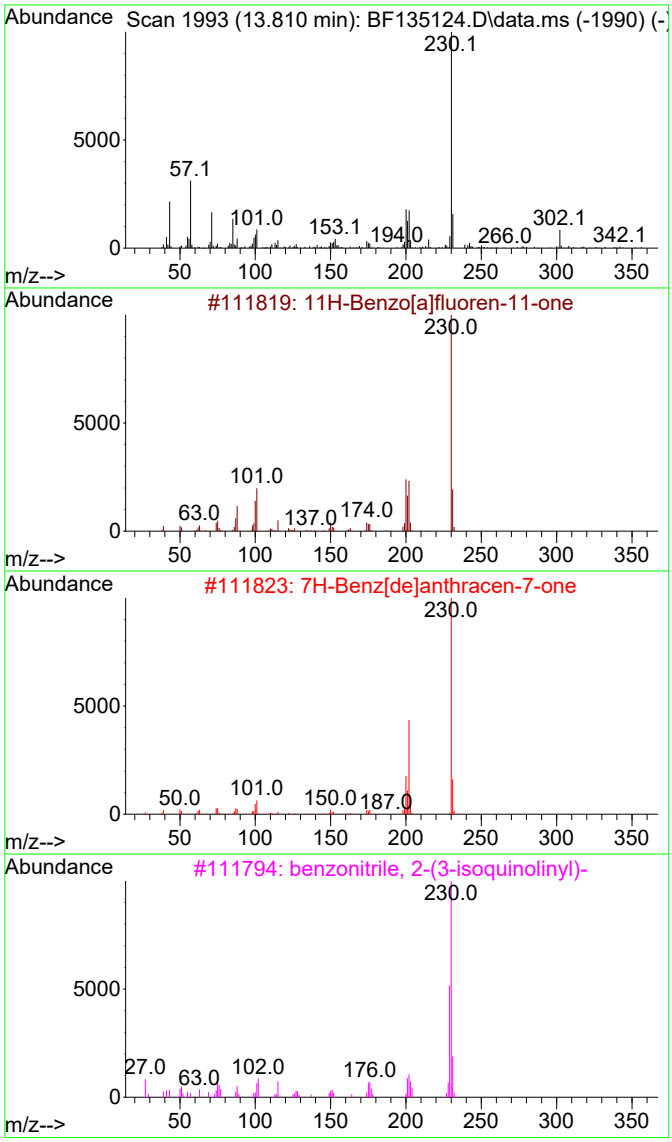
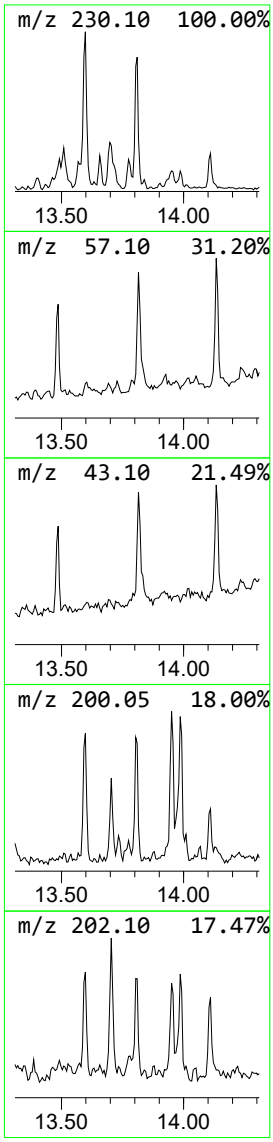
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	6.30 ng	443994	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	64
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
5	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	53





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Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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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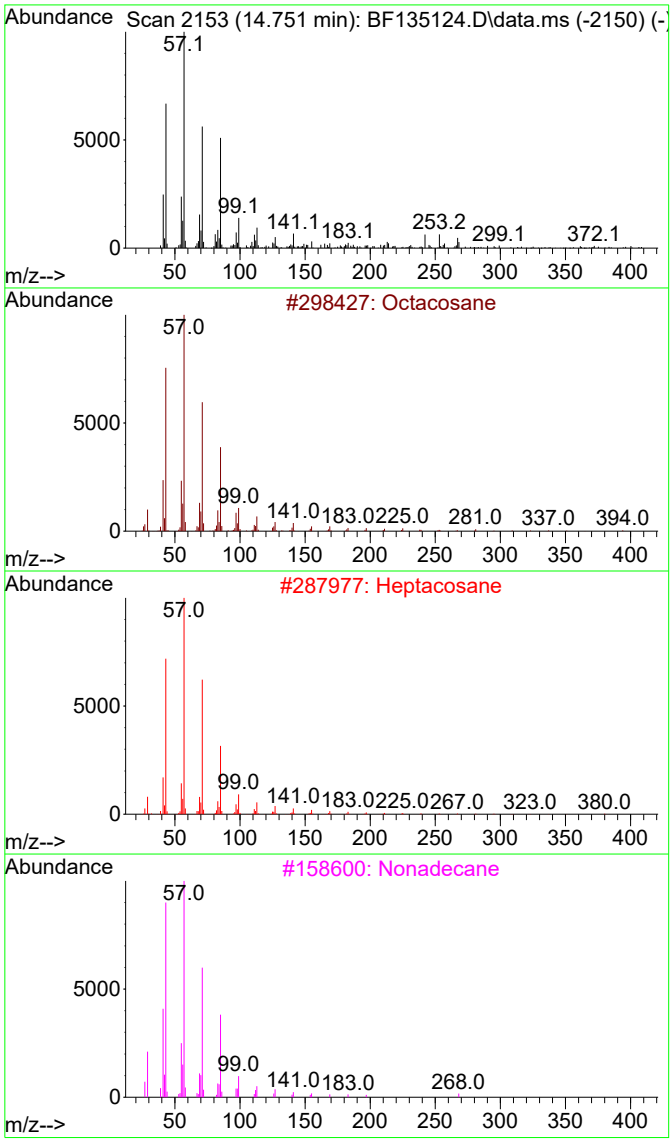
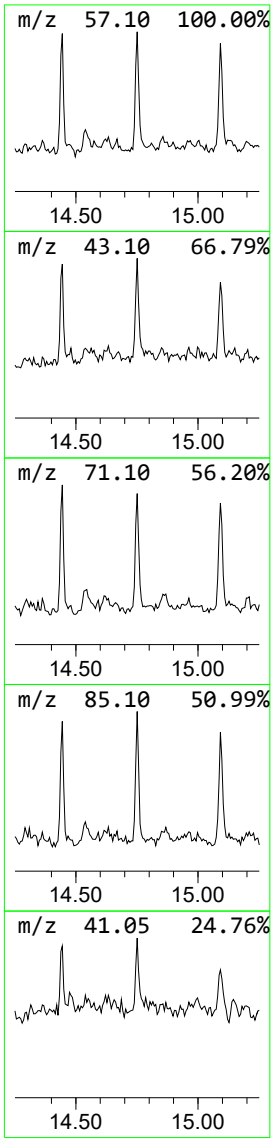
Peak Number 18 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	10.00 ng	184361	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	97
2	Heptacosane	380	C27H56	000593-49-7	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Heneicosane	296	C21H44	000629-94-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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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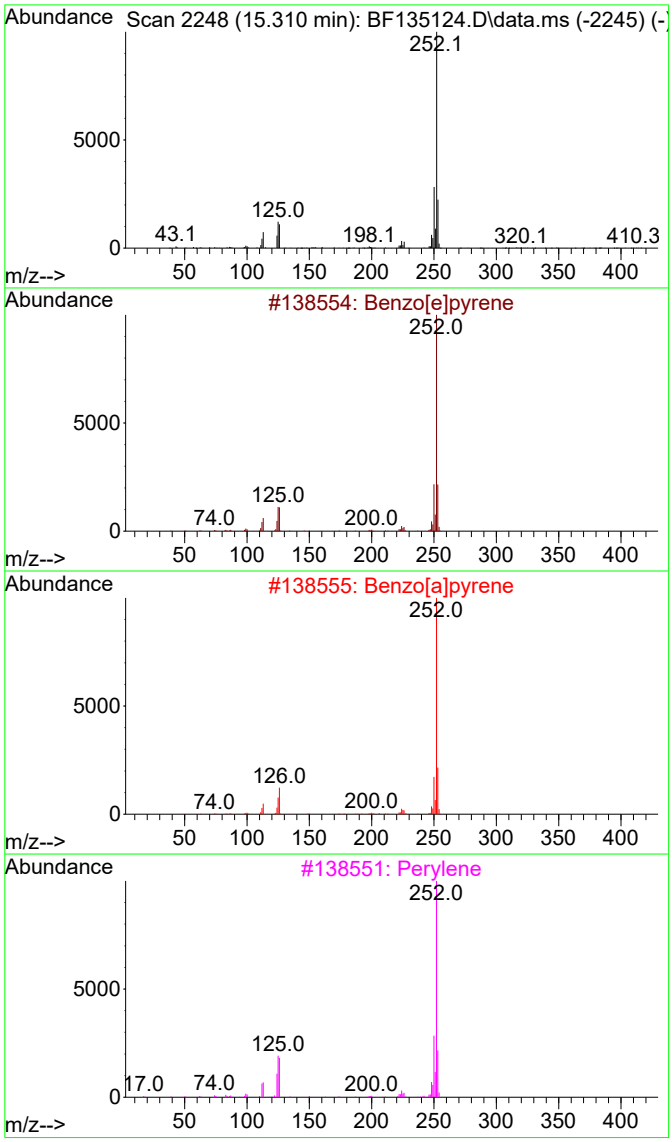
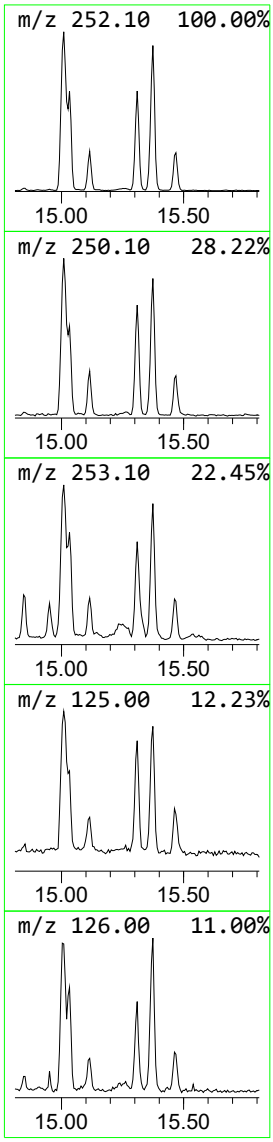
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	24.69 ng	455187	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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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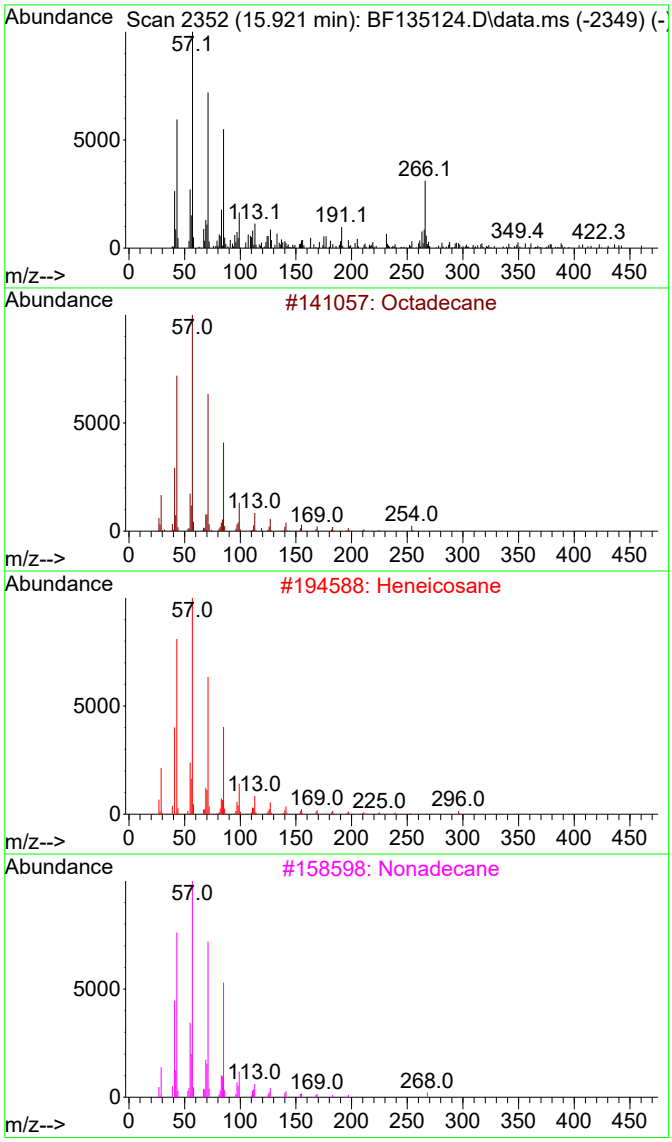
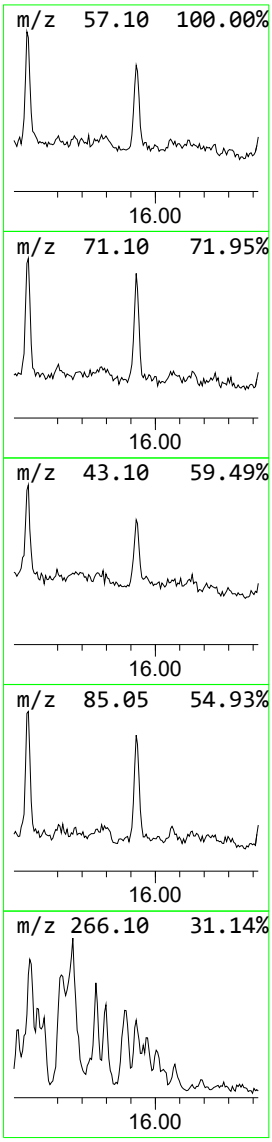
Peak Number 20 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	8.81 ng	162462	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Triacontane	422	C30H62	000638-68-6	70
5	Heptadecane	240	C17H36	000629-78-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135124.D
Acq On : 06 Sep 2023 07:39
Operator : CG\JU
Sample : 04249-01 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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
Tetradecane	10.722	3.6	ng	133367	4	11.304	744334	20.0
Dibenzothiophene	11.198	2.7	ng	101401	4	11.304	744334	20.0
Anthracene, 2-m...	11.804	6.9	ng	257722	4	11.304	744334	20.0
5H-Dibenzo[a,d]...	11.833	10.8	ng	402360	4	11.304	744334	20.0
Phenanthrene, 2...	11.880	3.1	ng	114340	4	11.304	744334	20.0
4H-Cyclopenta[d...	11.916	10.6	ng	392454	4	11.304	744334	20.0
Phenanthrene, 4...	11.939	3.4	ng	125843	4	11.304	744334	20.0
Naphthalene, 2-...	12.104	3.7	ng	136220	4	11.304	744334	20.0
Phenanthrene, 2...	12.363	5.8	ng	217345	4	11.304	744334	20.0
unknown12.398	12.398	6.1	ng	228626	4	11.304	744334	20.0
unknown12.445	12.445	4.2	ng	157014	4	11.304	744334	20.0
Fluoranthene, 2...	12.969	3.8	ng	267388	5	13.963	1408500	20.0
11H-Benzo[b]flu...	13.086	4.2	ng	295482	5	13.963	1408500	20.0
11H-Benzo[a]flu...	13.151	3.6	ng	255007	5	13.963	1408500	20.0
Pyrene, 1-methyl-	13.186	3.9	ng	276774	5	13.963	1408500	20.0
Benzo[b]naphtho...	13.704	3.7	ng	260485	5	13.963	1408500	20.0
11H-Benzo[a]flu...	13.810	6.3	ng	443994	5	13.963	1408500	20.0
Octacosane	14.751	10.0	ng	184361	6	15.439	368678	20.0
Benzo[e]pyrene	15.310	24.7	ng	455187	6	15.439	368678	20.0
Octadecane	15.921	8.8	ng	162462	6	15.439	368678	20.0