LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134813.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	564	569	572	rBV	2792657	2728418	90.68%	5.916%
2	6.434	734	739	742	rBV	2717242	2684591	89.23%	5.821%
3	6.798	798	801	805	rBV	1151209	915453	30.43%	1.985%
4	7.363	892	897	900	rBV	1939650	1721700	57.22%	3.733%
5	8.081	1015	1019	1022	rBV	1292370	1125299	37.40%	2.440%
6	9.157	1198	1202	1205	rBV	3634381	3008753	100.00%	6.524%
7	9.692	1290	1293	1298	rVB	93689	78205	2.60%	0.170%
8	9.834	1313	1317	1321	rBV	1271972	1067022	35.46%	2.314%
9	10.239	1382	1386	1389	rBV	39729	50499	1.68%	0.110%
10	10.445	1416	1421	1423	rBV3	42425	56542	1.88%	0.123%
11	10.622	1447	1451	1456	rBV	1667185	1451140	48.23%	3.147%
12	10.751	1468	1473	1476	rBV3	59141	67242	2.23%	0.146%
13	10.933	1500	1504	1506	rBV3	40617	44923	1.49%	0.097%
14	11.016	1516	1518	1521	rVB2	50170	44894	1.49%	0.097%
15	11.057	1521	1525	1527	rBV4	36616	63580	2.11%	0.138%
16	11.081	1527	1529	1535	rVV3	61839	73990	2.46%	0.160%
17	11.128	1535	1537	1541	rVV2	39479	51825	1.72%	0.112%
18	11.175	1541	1545	1547	rVV5	51535	74052	2.46%	0.161%
19	11.222	1551	1553	1558	rVV4	39802	53904	1.79%	0.117%
20	11.322	1567	1570	1573	rBV	998751	946406	31.46%	2.052%
21	11.345	1573	1574	1578	rVV	414714	283282	9.42%	0.614%
22	11.398	1580	1583	1586	rVB	129437	106122	3.53%	0.230%
23	11.433	1586	1589	1593	rBV4	73967	113174	3.76%	0.245%
24	11.657	1623	1627	1630	rBV	111329	103581	3.44%	0.225%
25	11.739	1638	1641	1646	rVB3	44898	51067	1.70%	0.111%
26	11.780	1646	1648	1651	rBV3	42733	43539	1.45%	0.094%
27	11.828	1652	1656	1658	rVV	359195	311140	10.34%	0.675%
28	11.857	1658	1661	1666	rVV	688043	618546	20.56%	1.341%
29	11.904	1666	1669	1671	rVV	186672	171957	5.72%	0.373%
30	11.939	1671	1675	1677	rVV	610635	667388	22.18%	1.447%
31	11.963	1677	1679	1684	rVB	360843	291140	9.68%	0.631%
32	12.016	1685	1688	1690	rBV2	53384	59927	1.99%	0.130%
33	12.063	1693	1696	1699	rVB	146844	117755	3.91%	0.255%
34	12.122	1700	1706	1709	rBV4	189254	279923	9.30%	0.607%
35	12.151	1709	1711	1717	rVB4	152343	175279	5.83%	0.380%
36	12.198	1717	1719	1721	rBV	102715	84108	2.80%	0.182%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.257	1726	1729	1730	rBV	126741	117399	3.90%	0.255%
38	12.275	1730	1732	1735	rVV	257374	223071	7.41%	0.484%
39	12.304	1735	1737	1739	rVV	214824	195037	6.48%	0.423%
40	12.327	1739	1741	1744	rVB2	169880	153789	5.11%	0.333%
41	12.380	1746	1750	1753	rVV	774732	803514	26.71%	1.742%
42	12.416	1753	1756	1758	rVV2	466713	542828	18.04%	1.177%
43	12.439	1758	1760	1762	rVV	225752	179519	5.97%	0.389%
44	12.469	1762	1765	1769	rVV2	394161	540847	17.98%	1.173%
45	12.504	1769	1771	1773	rVV2	96567	96601	3.21%	0.209%
46	12.545	1774	1778	1781	rVV	1403831	1358375	45.15%	2.946%
47	12.592	1783	1786	1787	rVV	141057	157363	5.23%	0.341%
48	12.610	1787	1789	1792	rVV2	158188	173450	5.76%	0.376%
49	12.675	1796	1800	1802	rVV3	138865	182016	6.05%	0.395%
50	12.704	1802	1805	1807	rVV4	121046	138987	4.62%	0.301%
51	12.727	1807	1809	1811	rVV	173013	130946	4.35%	0.284%
52	12.775	1811	1817	1820	rVV	2373090	2542571	84.51%	5.513%
53	12.833	1823	1827	1830	rVB2	263087	351384	11.68%	0.762%
54	12.863	1830	1832	1833	rBV2	77980	56711	1.88%	0.123%
55	12.886	1833	1836	1838	rVV2	149995	155875	5.18%	0.338%
56	12.922	1838	1842	1848	rVB	2683656	2808377	93.34%	6.090%
57	12.992	1848	1854	1861	rBV3	497981	816769	27.15%	1.771%
58	13.051	1861	1864	1866	rBV2	118197	132378	4.40%	0.287%
59	13.080	1866	1869	1871	rVV2	399096	571605	19.00%	1.239%
60	13.133	1875	1878	1879	rBV2	55906	49099	1.63%	0.106%
61	13.169	1881	1884	1887	rVV2	245853	253730	8.43%	0.550%
62	13.204	1887	1890	1893	rVV	639468	675470	22.45%	1.465%
63	13.233	1893	1895	1898	rVV2	151671	190373	6.33%	0.413%
64	13.263	1898	1900	1902	rVV	103877	95223	3.16%	0.206%
65	13.298	1903	1906	1909	rVV	617878	563509	18.73%	1.222%
66	13.327	1909	1911	1915	rVV	556126	496914	16.52%	1.078%
67	13.363	1915	1917	1922	rVB3	85067	91611	3.04%	0.199%
68	13.410	1922	1925	1930	rVB4	110398	166134	5.52%	0.360%
69	13.474	1930	1936	1938	rBV3	116898	186457	6.20%	0.404%
70	13.504	1938	1941	1943	rVV3	105969	160814	5.34%	0.349%
71	13.551	1947	1949	1953	rVV4	120980	133837	4.45%	0.290%
72	13.610	1956	1959	1964	rVV	326241	410824	13.65%	0.891%
73	13.674	1967	1970	1973	rVB	114913	99265	3.30%	0.215%
74	13.722	1973	1978	1981	rBV4	269326	465650	15.48%	1.010%
75	13.751	1981	1983	1985	rVV	303887	249098	8.28%	0.540%
76	13.774	1985	1987	1989	rVV	151252	144104	4.79%	0.312%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.827	1992	1996	2004	rVB3	296617	517801	17.21%	1.123%
78	13.969	2013	2020	2024	rBV2	1457712	2310566	76.79%	5.010%
79	14.004	2024	2026	2034	rVB	1052710	967436	32.15%	2.098%
80	14.063	2034	2036	2037	rBV	91575	75781	2.52%	0.164%
81	14.080	2037	2039	2041	rVB	121286	97079	3.23%	0.211%
82	14.233	2063	2065	2067	rVB2	91029	75488	2.51%	0.164%
83	14.327	2078	2081	2083	rBV	147007	140931	4.68%	0.306%
84	14.363	2083	2087	2090	rVV	500703	577663	19.20%	1.253%
85	14.398	2090	2093	2096	rVV	296216	287440	9.55%	0.623%
86	14.433	2096	2099	2100	rVV2	131399	130319	4.33%	0.283%
87	14.457	2101	2103	2105	rVV2	196853	184006	6.12%	0.399%
88	14.486	2105	2108	2110	rVV2	204804	198909	6.61%	0.431%
89	14.510	2110	2112	2115	rVB2	105548	102857	3.42%	0.223%
90	14.663	2135	2138	2141	rBV3	48974	72756	2.42%	0.158%
91	14.751	2151	2153	2155	rBV	52802	51198	1.70%	0.111%
92	14.839	2164	2168	2170	rBV2	105113	133523	4.44%	0.290%
93	15.016	2194	2198	2202	rBV	534427	836507	27.80%	1.814%
94	15.127	2214	2217	2220	rVB	93196	97129	3.23%	0.211%
95	15.321	2246	2250	2256	rVB	414354	490790	16.31%	1.064%
96	15.386	2256	2261	2266	rBV	517506	653630	21.72%	1.417%
97	15.445	2267	2271	2275	rVV	412371	540769	17.97%	1.173%
98	15.480	2275	2277	2284	rVB2	128562	204565	6.80%	0.444%
99	16.939	2520	2525	2534	rVB2	164540	365065	12.13%	0.792%
100	17.392	2597	2602	2614	rVB	154949	356829	11.86%	0.774%

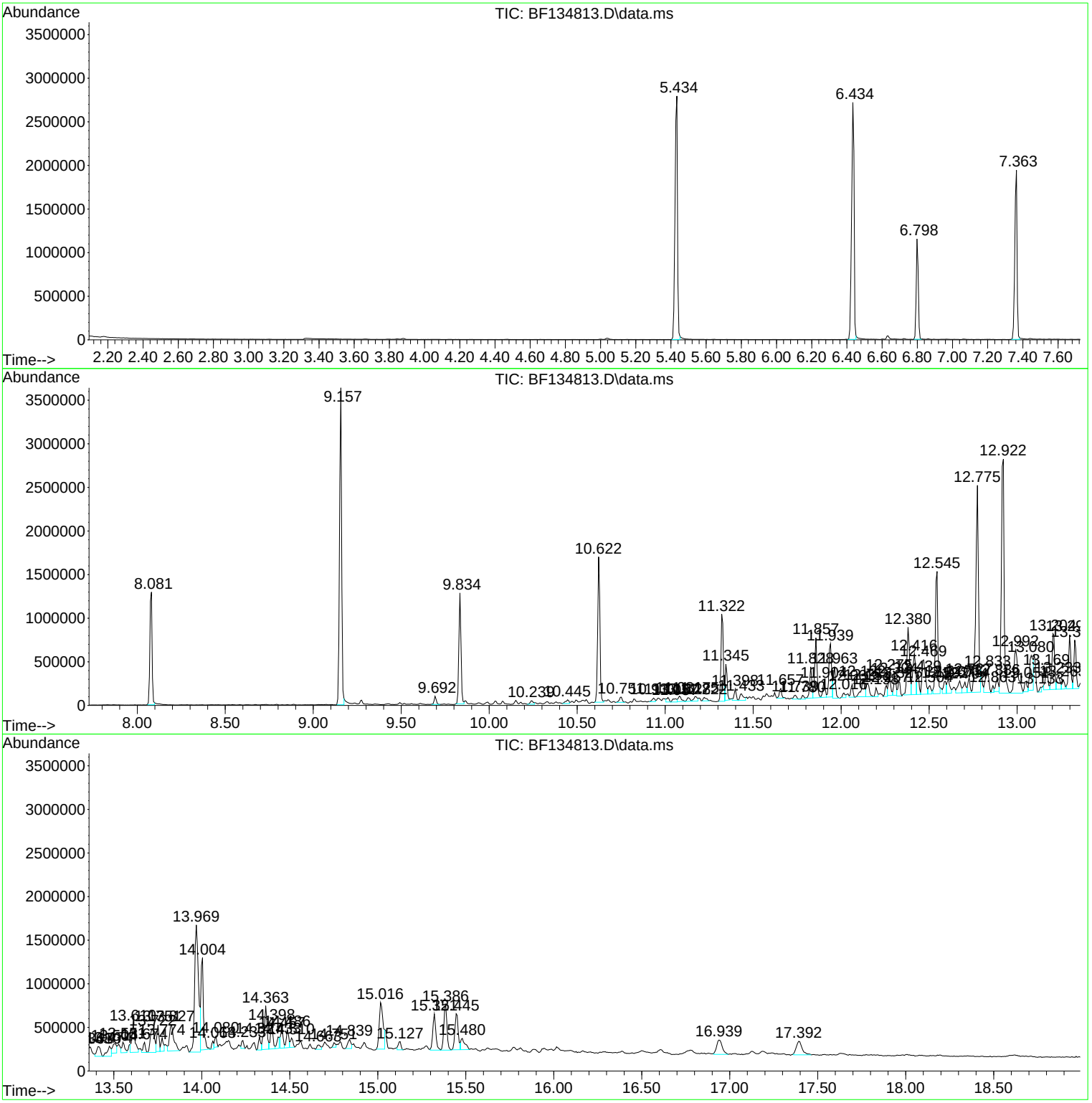
Sum of corrected areas: 46116927

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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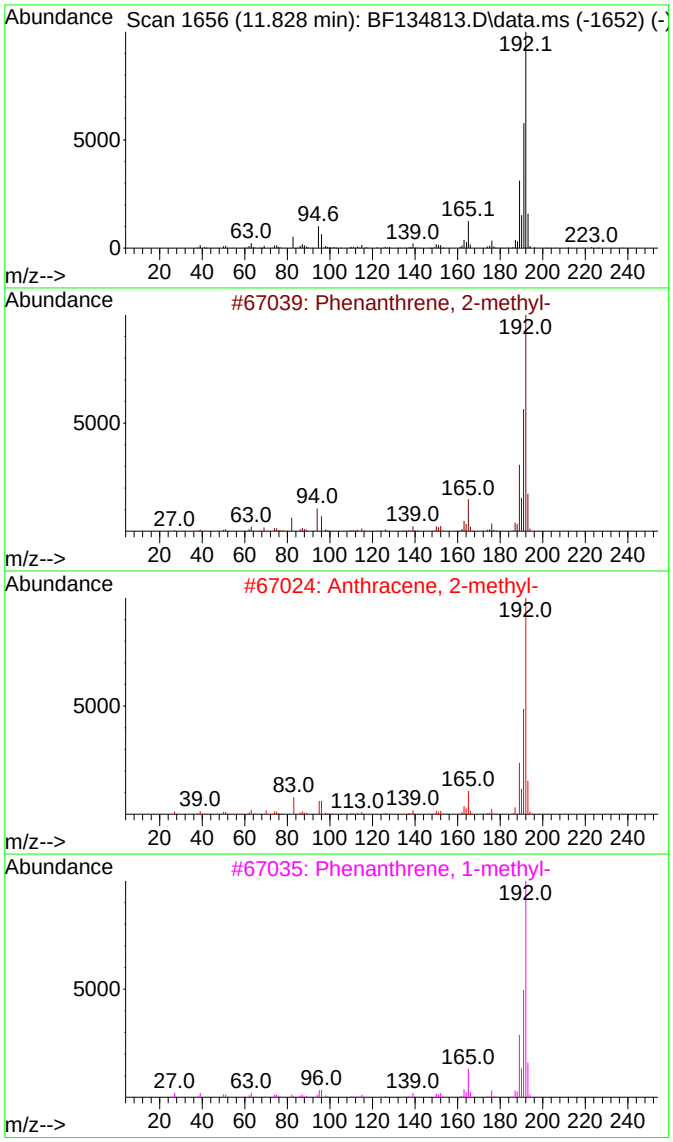
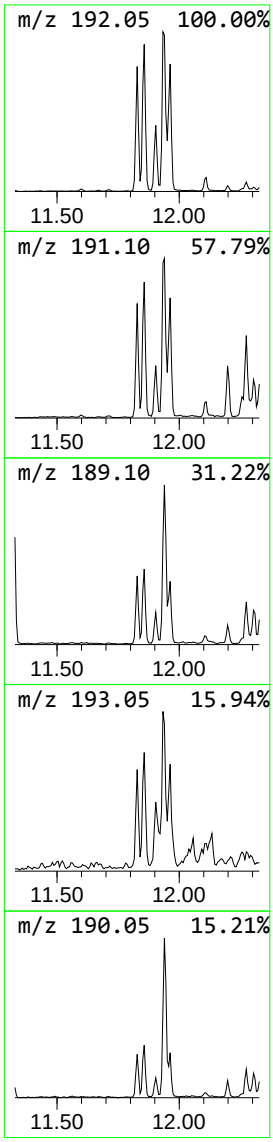
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	6.58 ng	311140	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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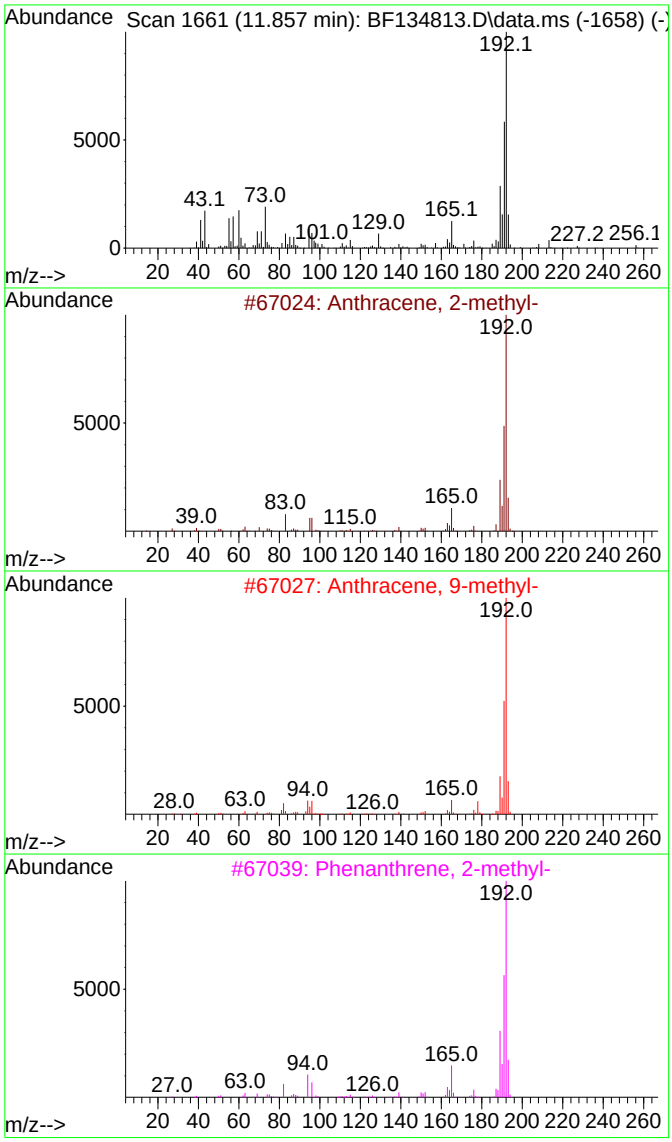
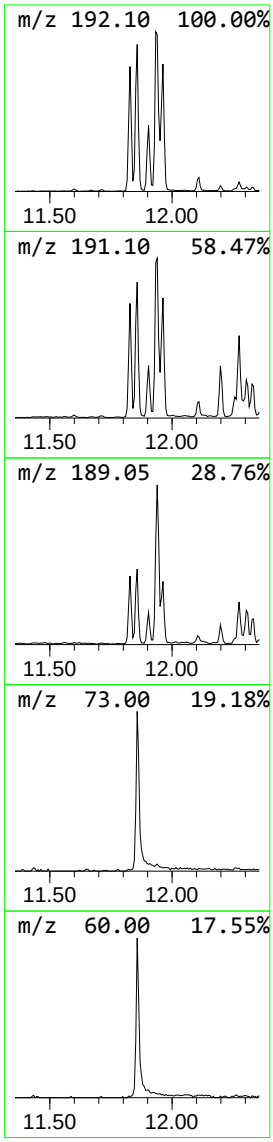
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	13.07 ng	618546	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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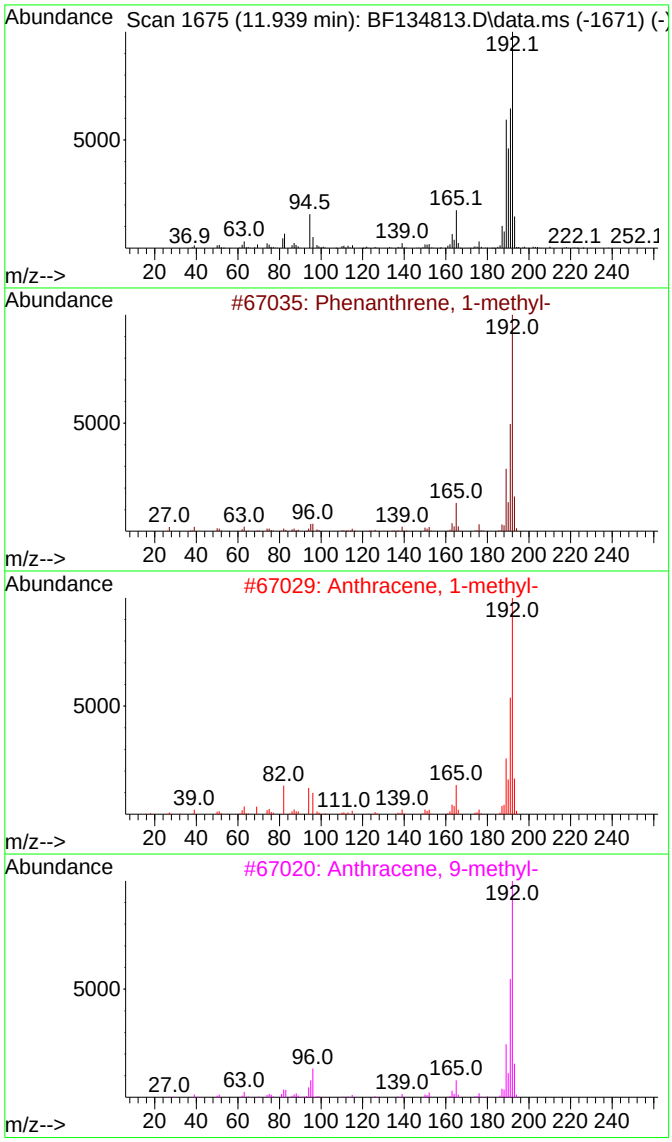
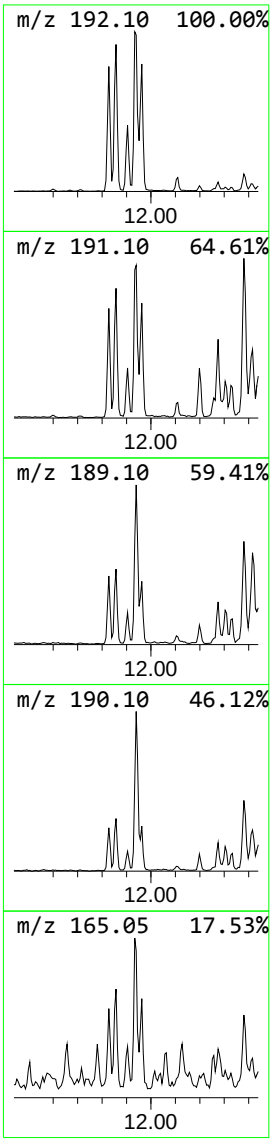
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	14.10 ng	667388	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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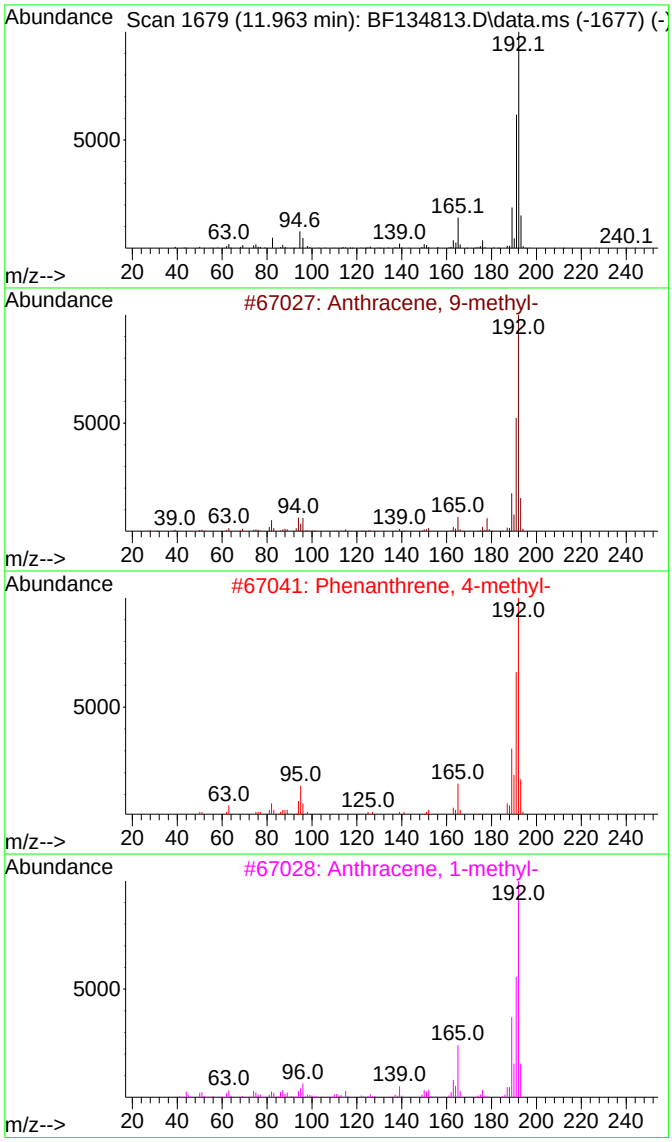
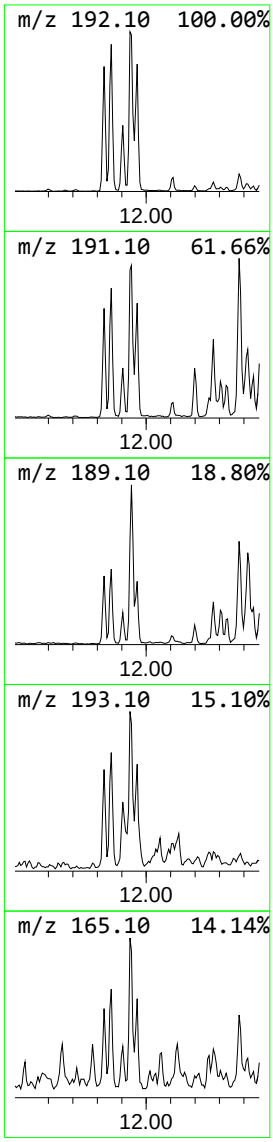
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	6.15 ng	291140	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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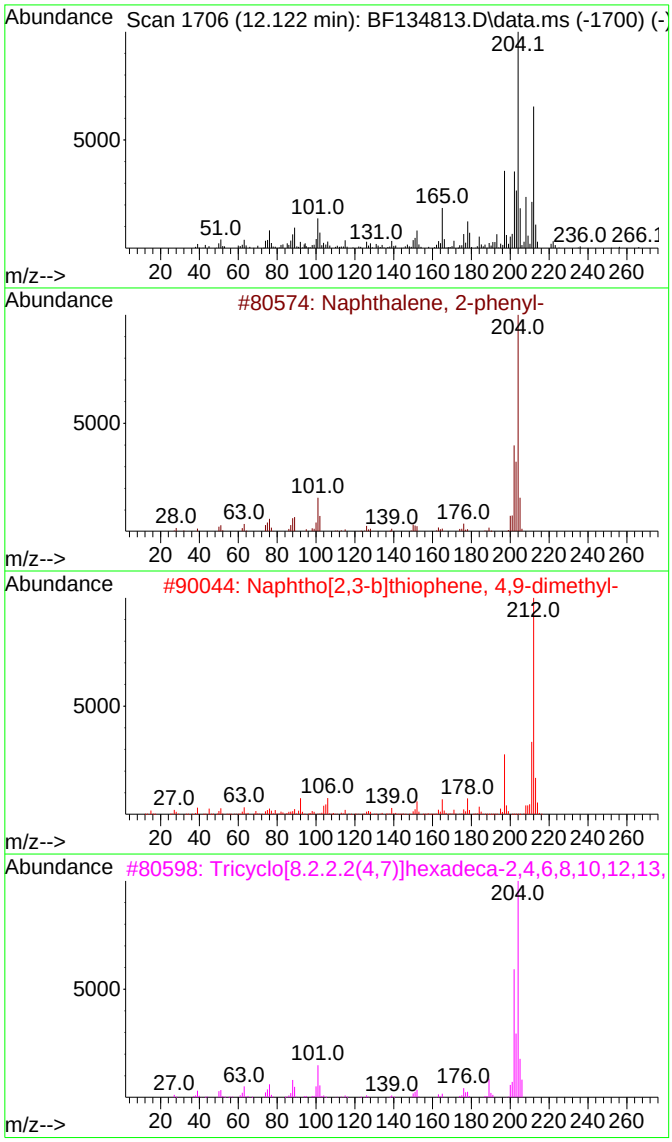
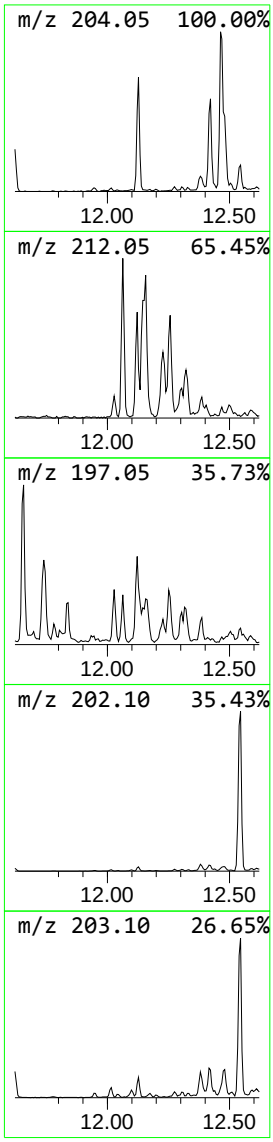
Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	5.92 ng	279923	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





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Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-PP11

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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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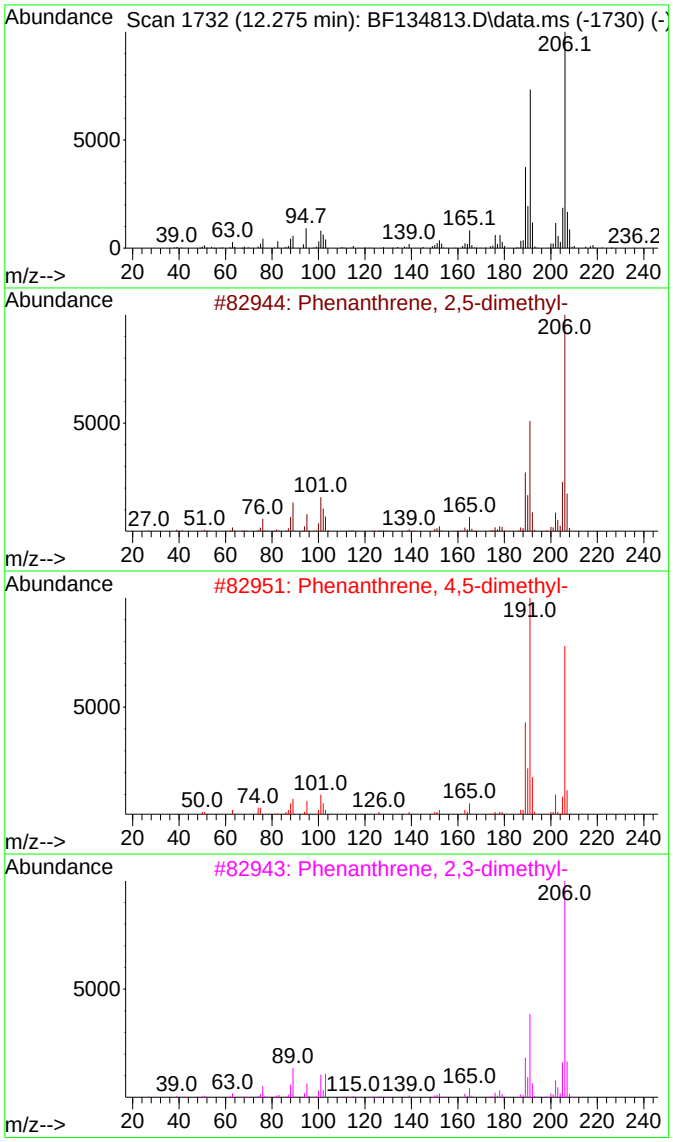
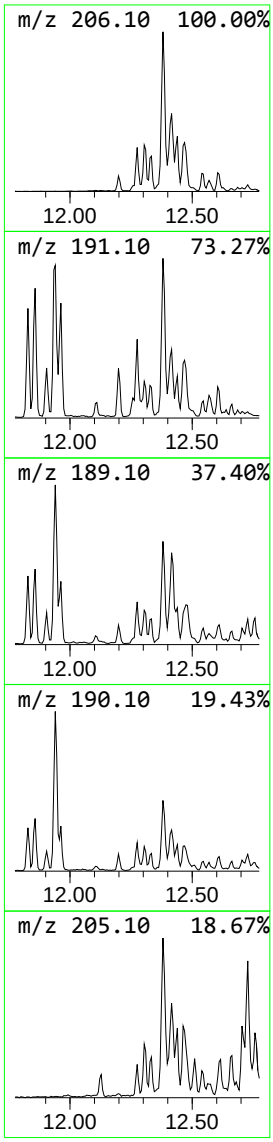
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	4.71 ng	223071	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87





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

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

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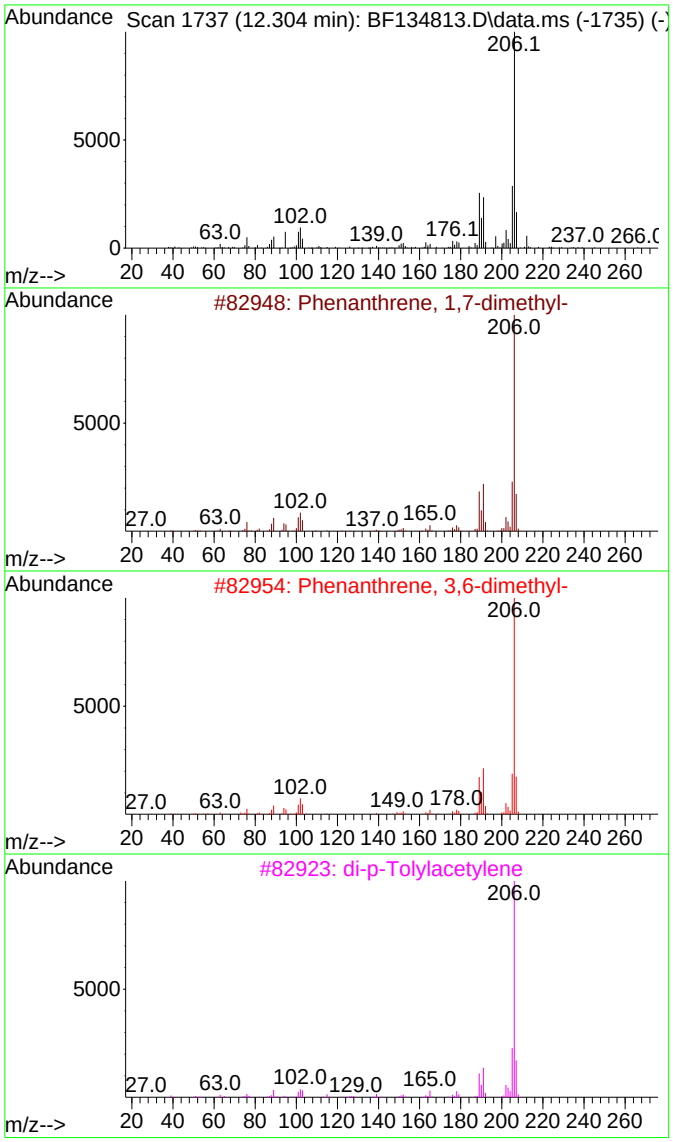
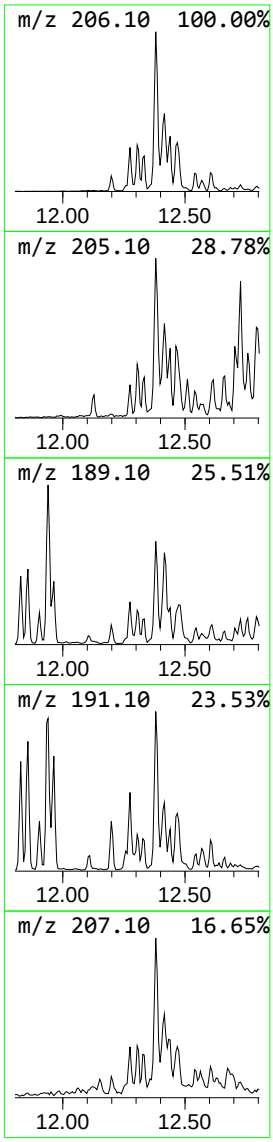
Peak Number 7 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	4.12 ng	195037	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	68





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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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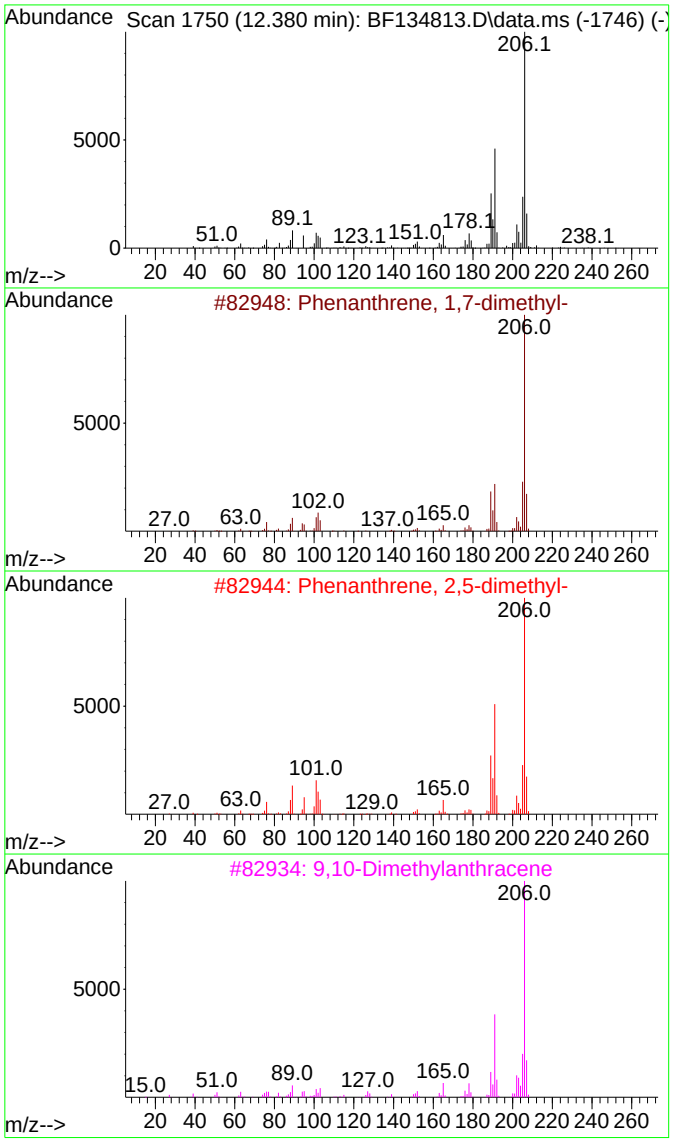
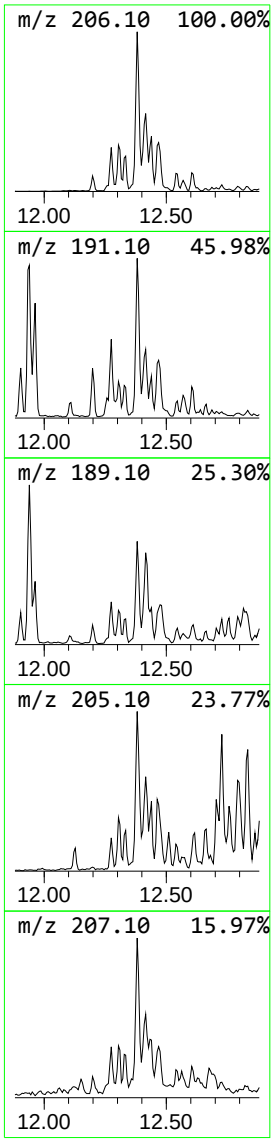
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	16.98 ng	803514	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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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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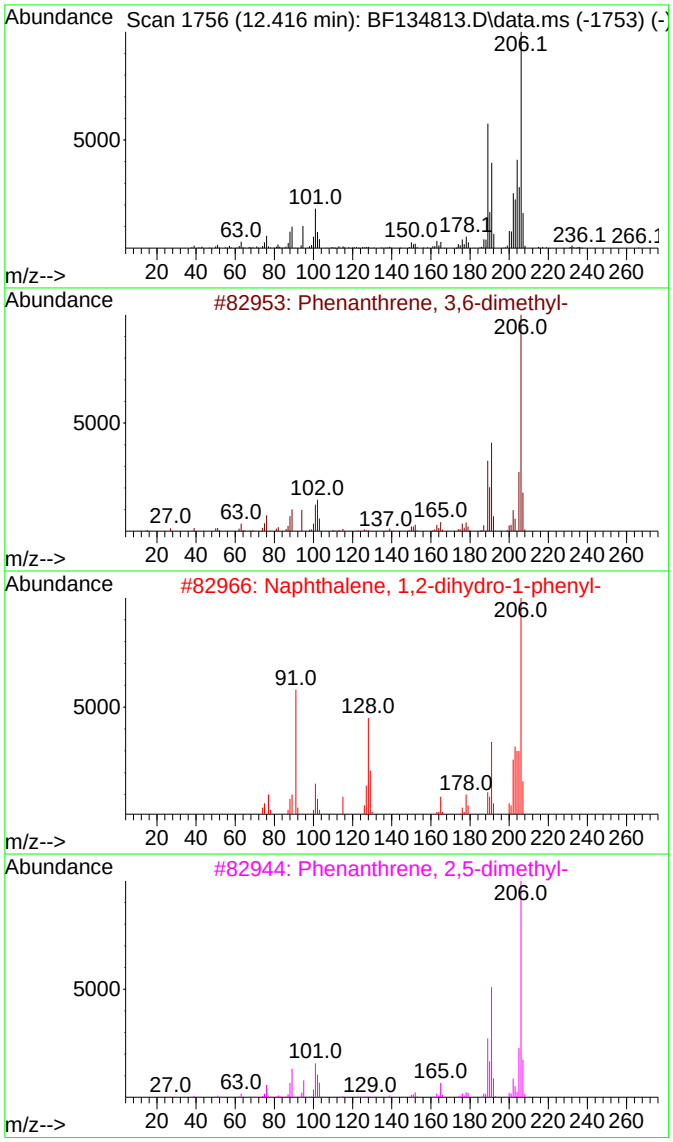
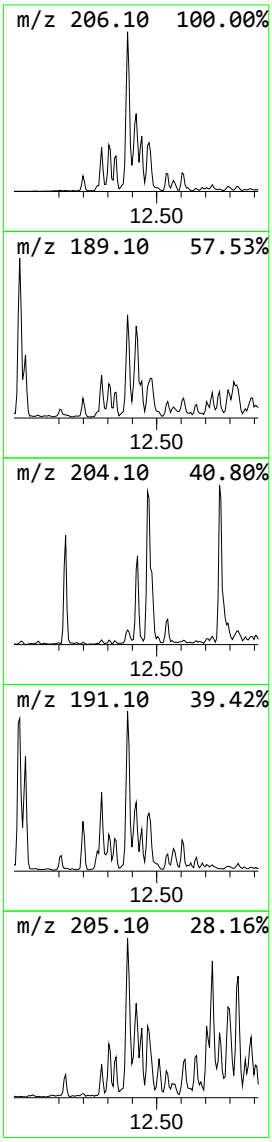
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	11.47 ng	542828	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	60
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55





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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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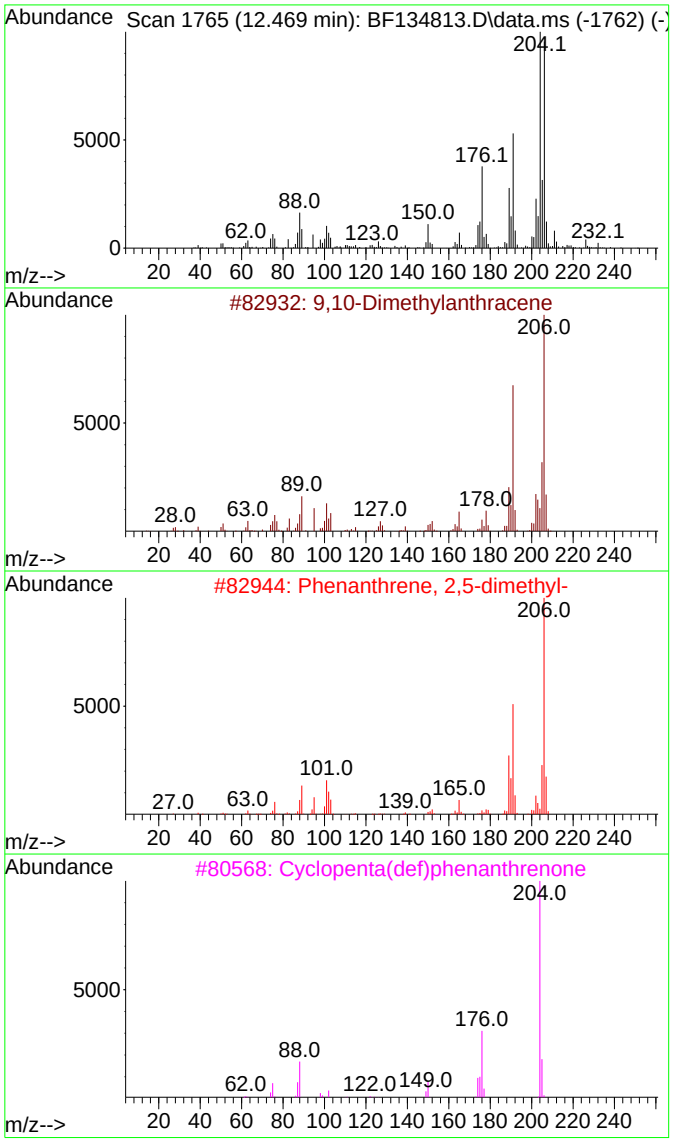
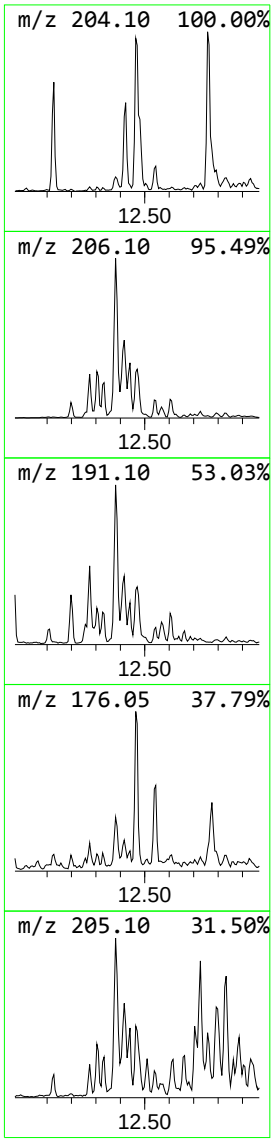
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	11.43 ng	540847	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55





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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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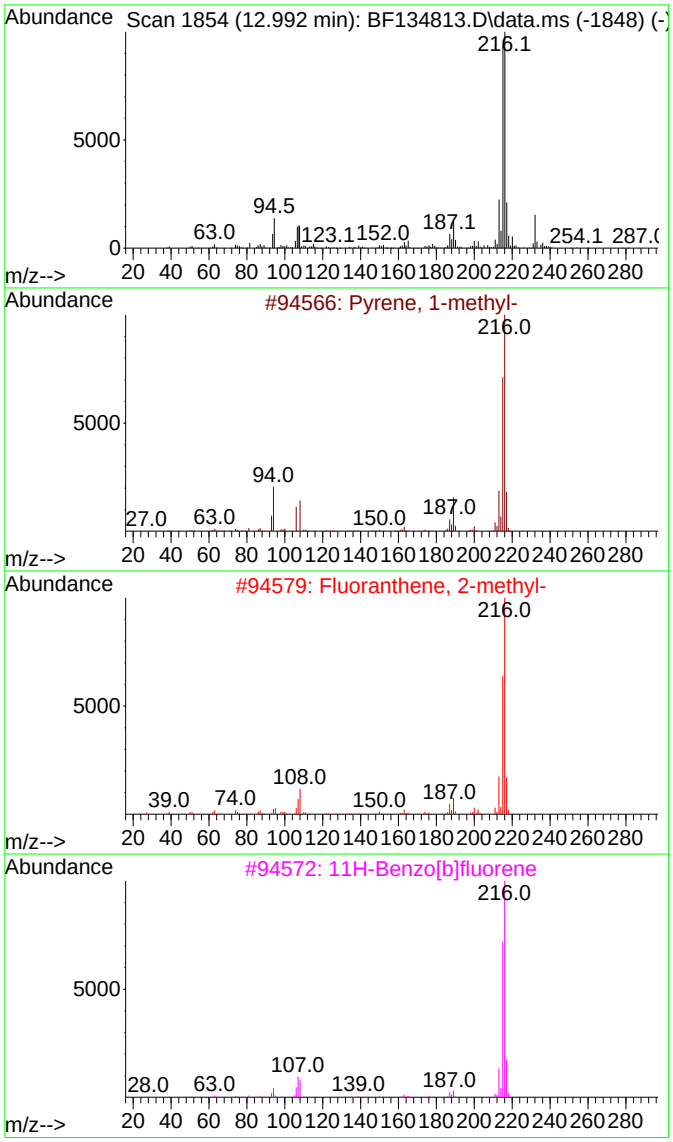
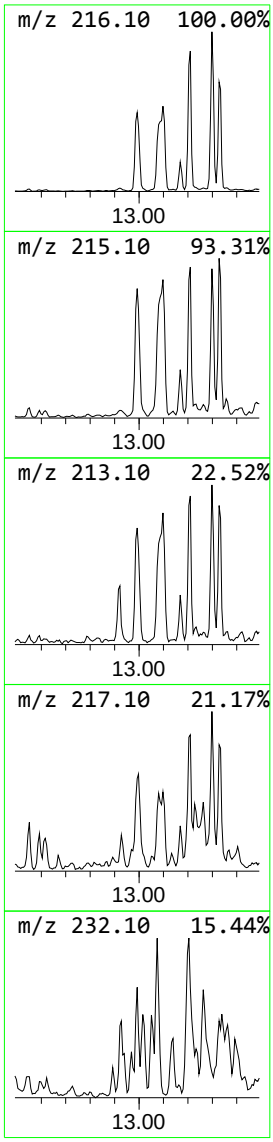
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	7.07 ng	816769	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Misc :
ALS Vial : 19 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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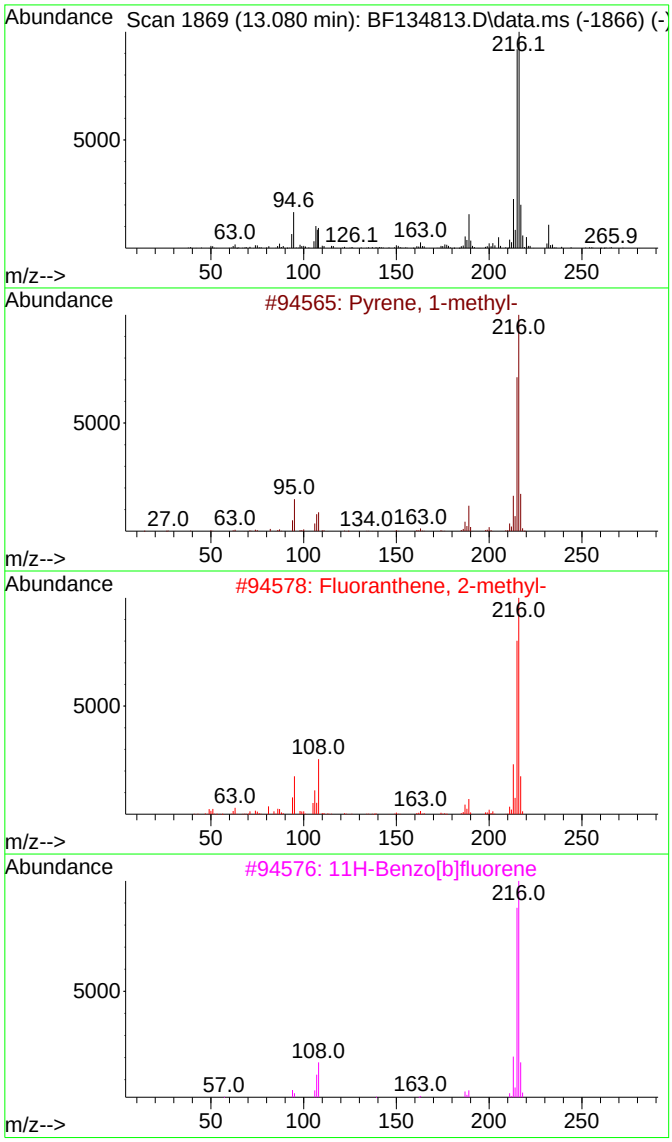
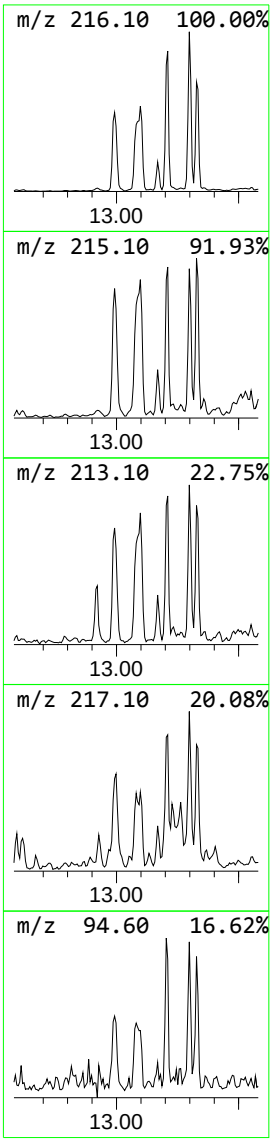
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	4.95 ng	571605	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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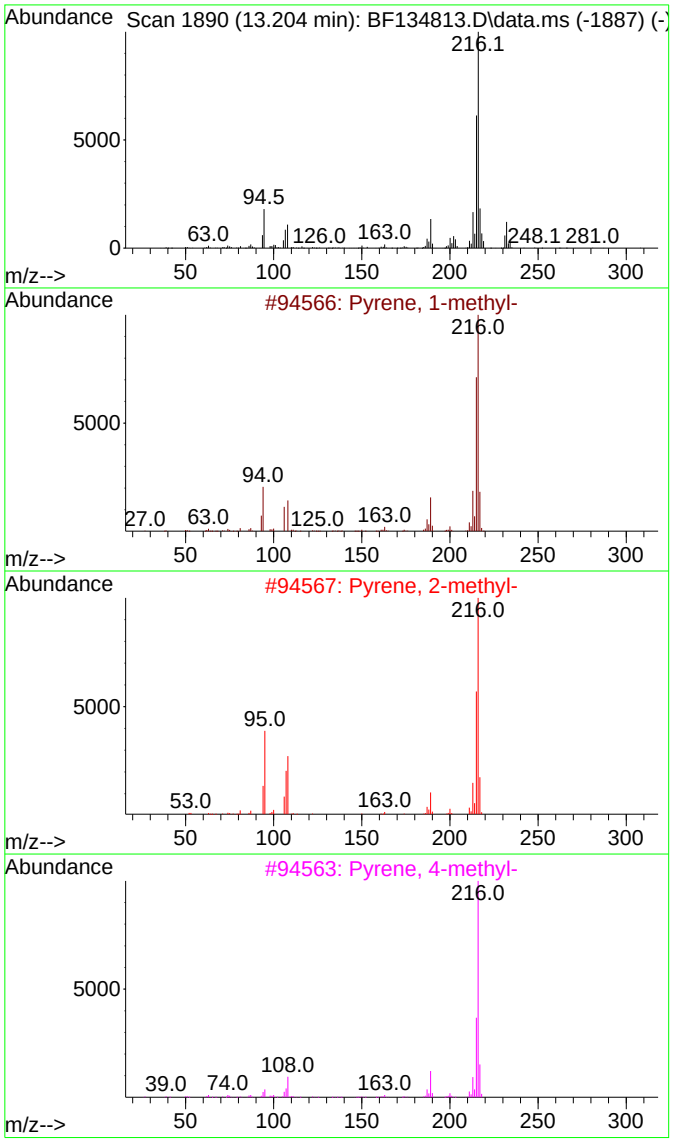
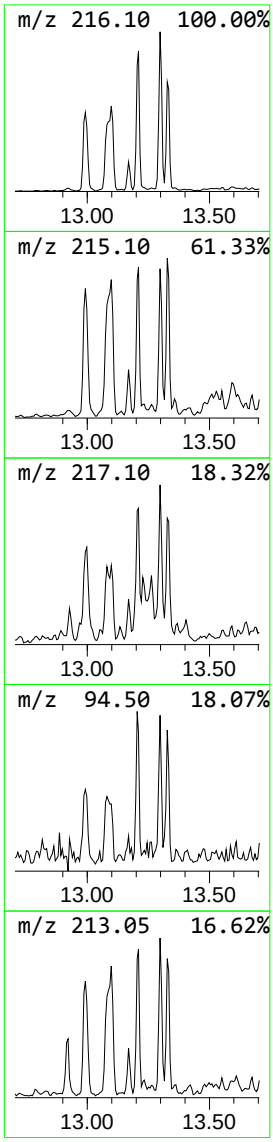
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	5.85 ng	675470	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	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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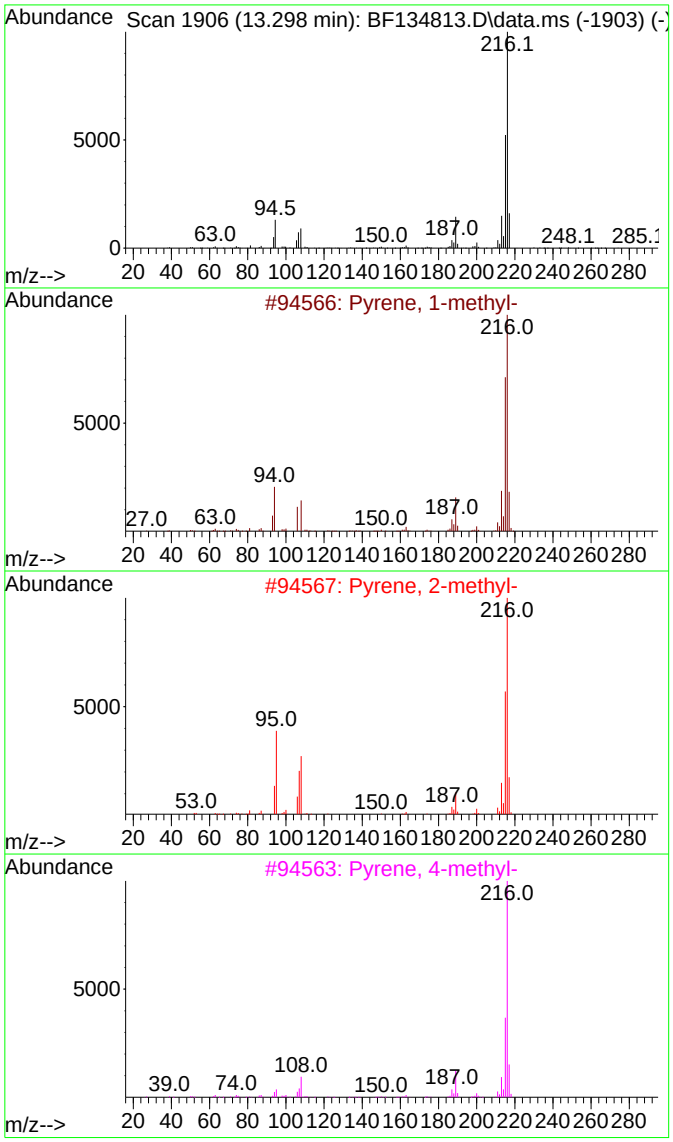
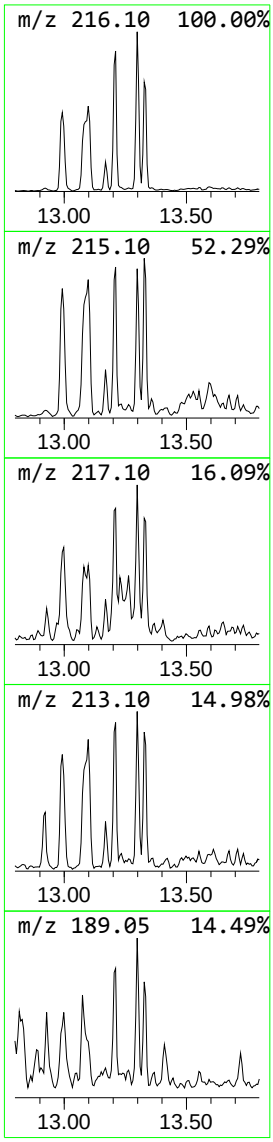
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	4.88 ng	563509	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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ALS Vial : 19 Sample Multiplier: 1

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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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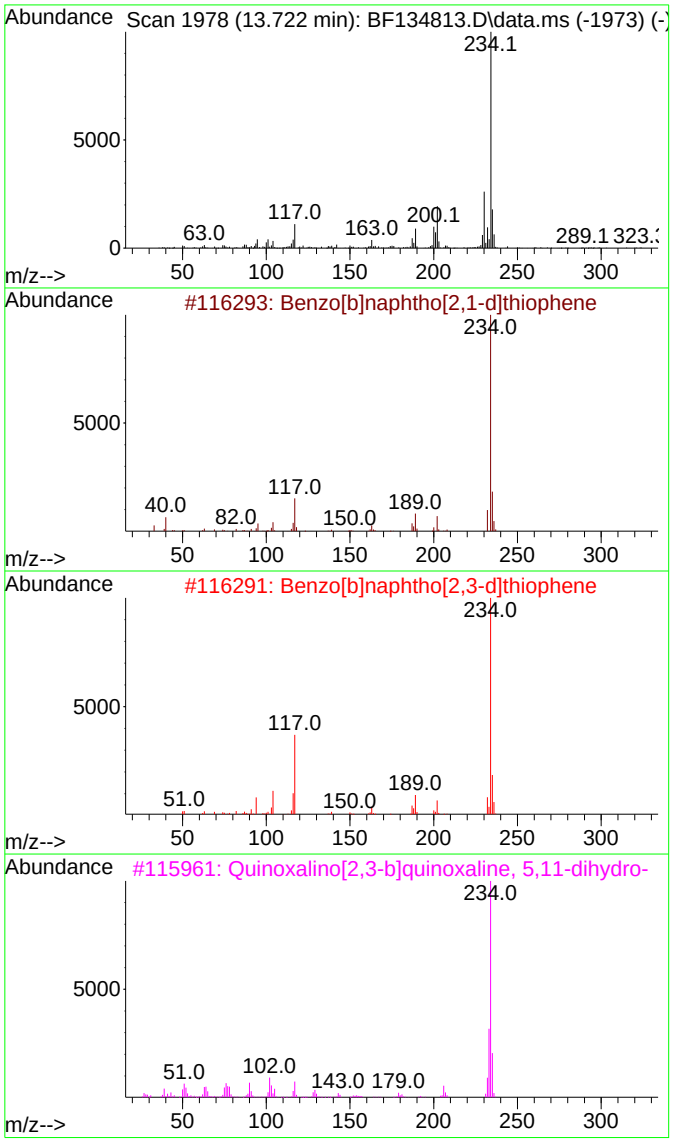
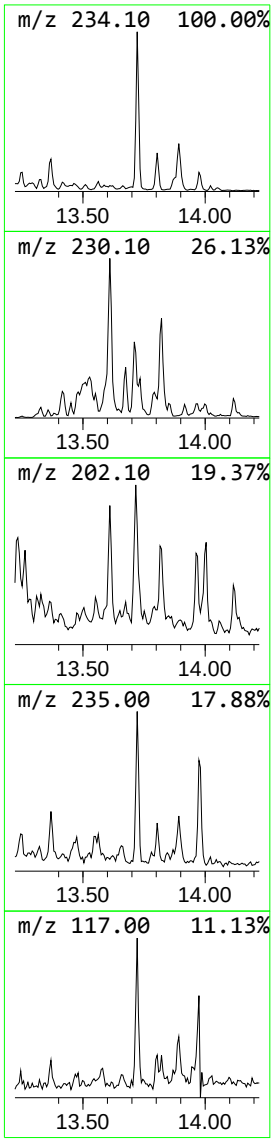
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	4.03 ng	465650	Chrysene-d12	13.974

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[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	49
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	47
5	Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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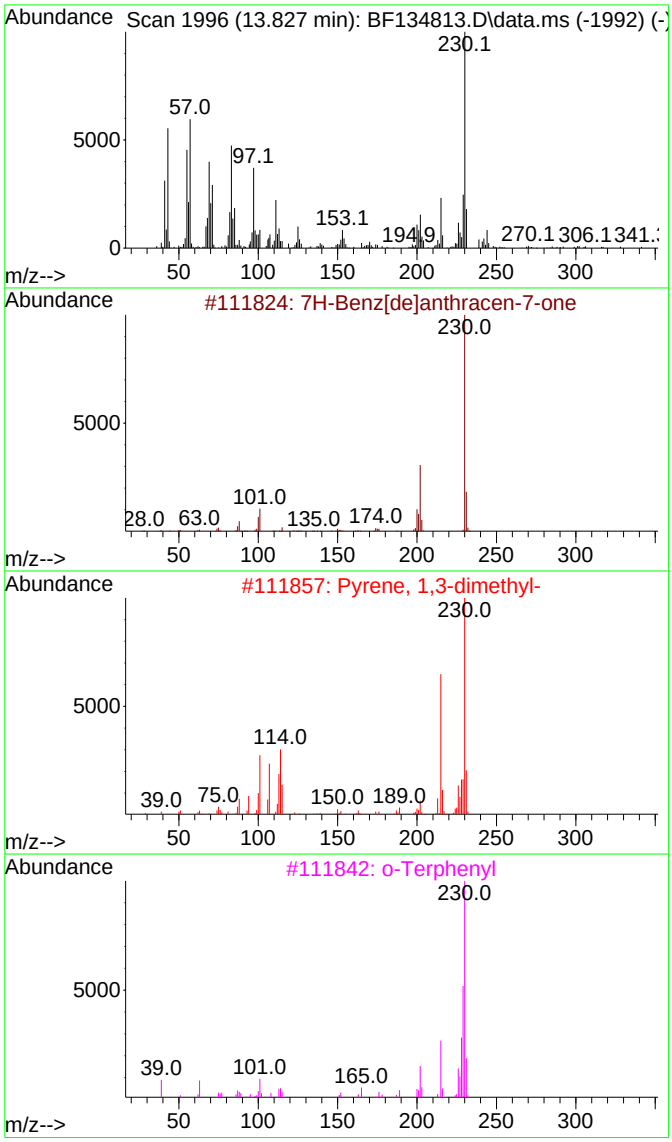
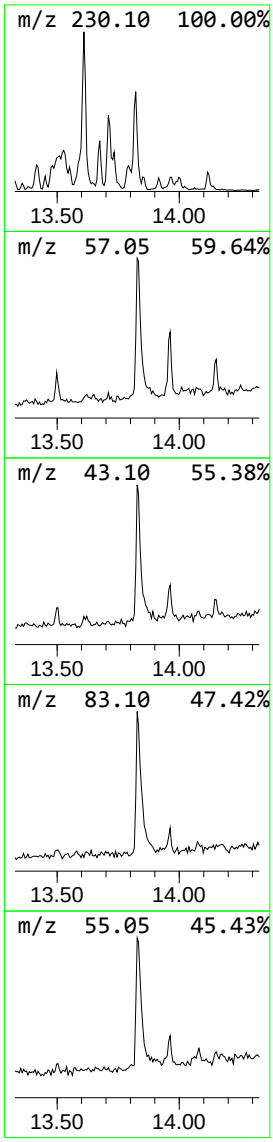
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	4.48 ng	517801	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	56
2	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	55
3	o-Terphenyl	230	C18H14	000084-15-1	50
4	1-Hexacosene	364	C26H52	018835-33-1	38
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	38





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ClientSampleId :
B-PP11

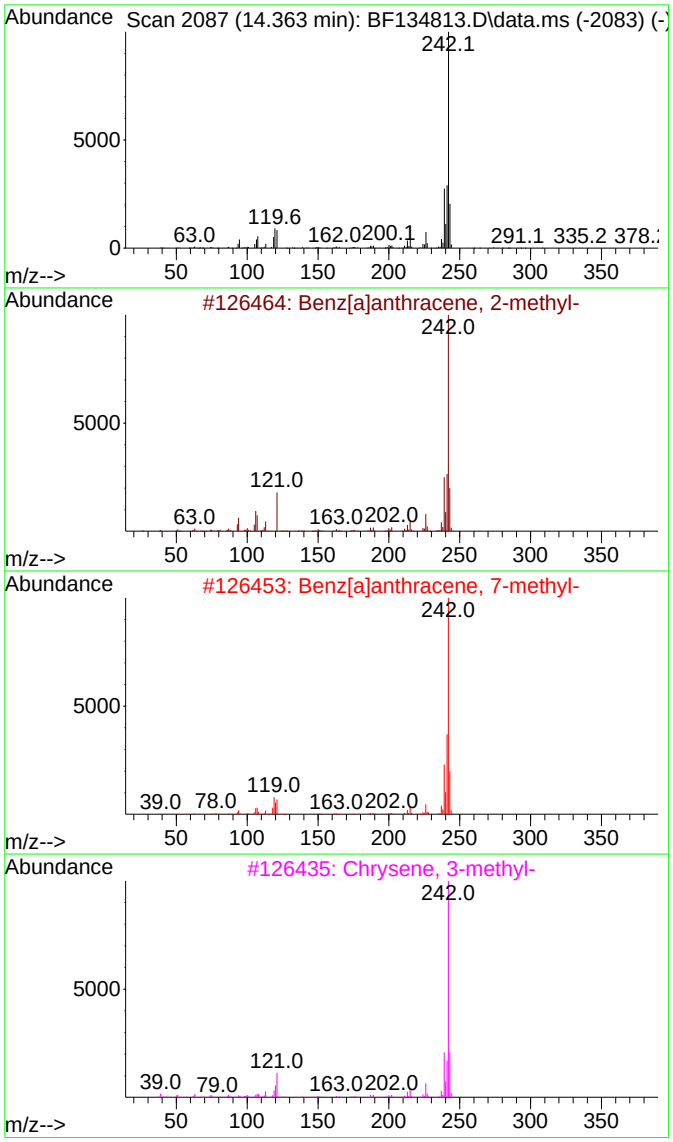
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

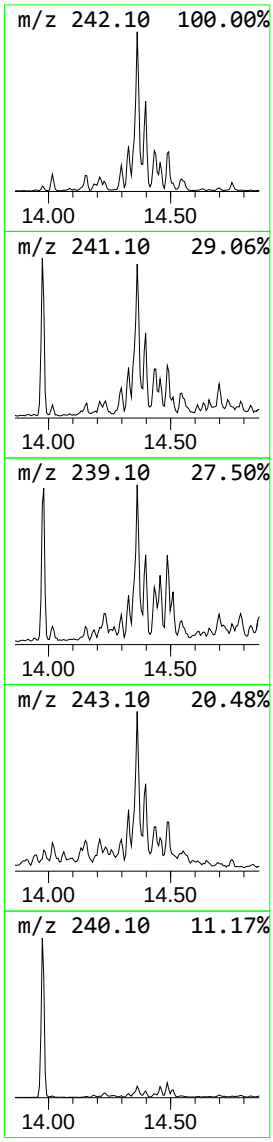
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benz[a]anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	5.00 ng	577663	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	97
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

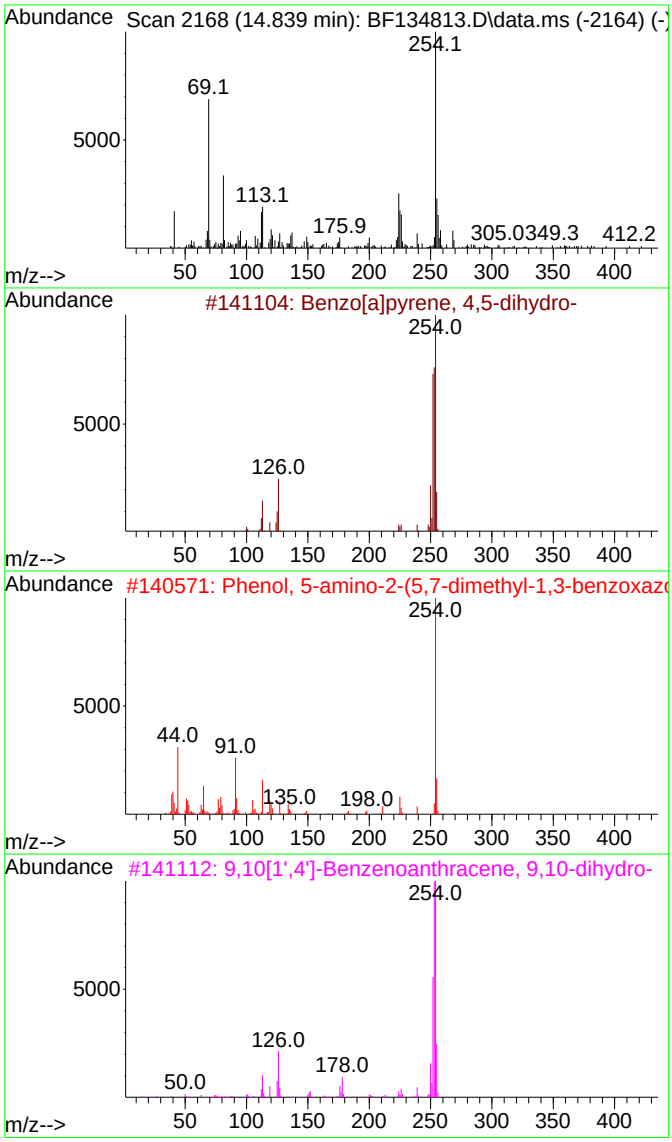
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

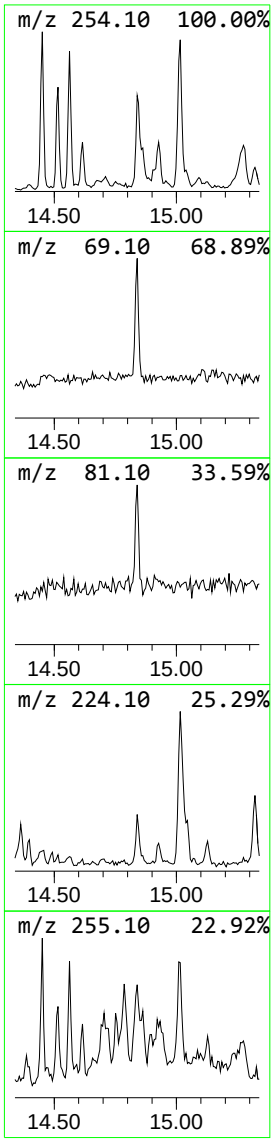
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	4.94 ng	133523	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	59
2	Phenol, 5-amino-2-(5,7-dimethyl-...	254	C15H14N2O2	1000338-06-4	53
3	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	52
4	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	50
5	6-Methyl-1-pyridin-2-ylmethylene...	254	C14H10N2O3	1000274-64-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

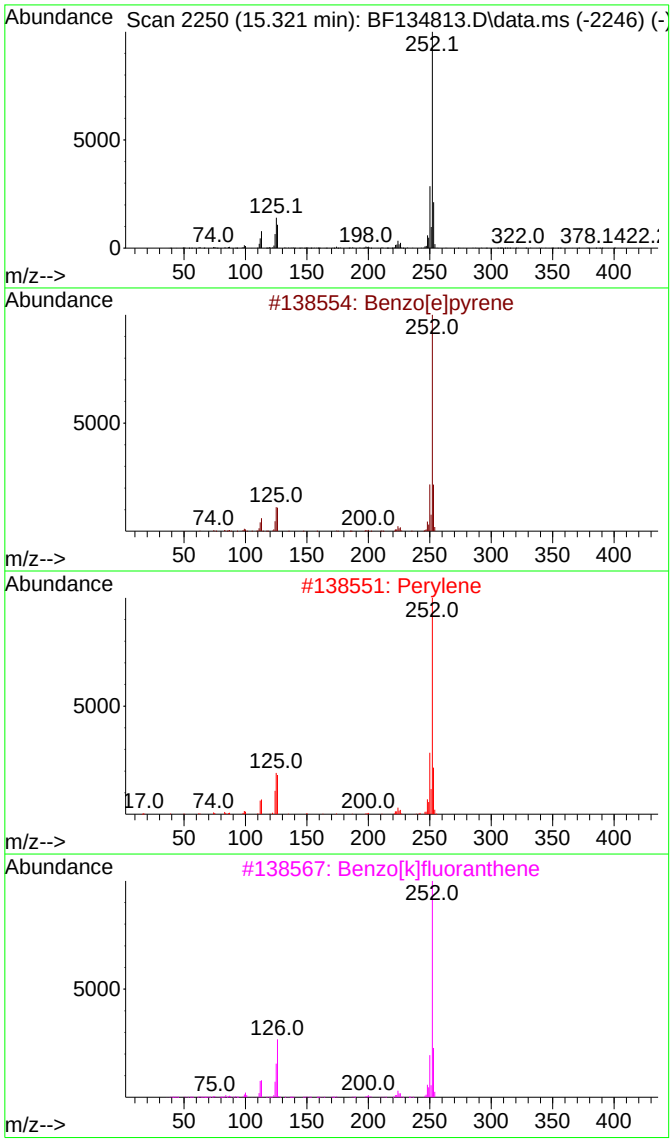
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

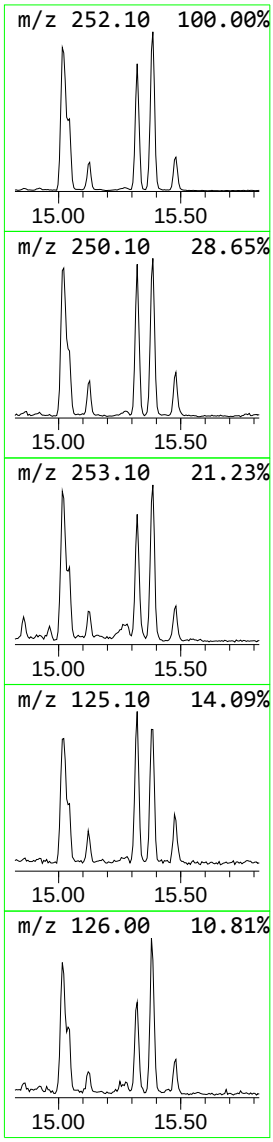
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	18.15 ng	490790	Perylene-d12	15.445

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	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081623\
Data File : BF134813.D
Acq On : 16 Aug 2023 17:32
Operator : CG\JU
Sample : 04023-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Phenanthrene, 2...	11.828	6.6	ng	311140	4	11.322	946406	20.0
Anthracene, 2-m...	11.857	13.1	ng	618546	4	11.322	946406	20.0
Phenanthrene, 1...	11.939	14.1	ng	667388	4	11.322	946406	20.0
Anthracene, 9-m...	11.963	6.2	ng	291140	4	11.322	946406	20.0
Naphthalene, 2-...	12.122	5.9	ng	279923	4	11.322	946406	20.0
Phenanthrene, 2...	12.275	4.7	ng	223071	4	11.322	946406	20.0
Phenanthrene, 1...	12.304	4.1	ng	195037	4	11.322	946406	20.0
9,10-Dimethylan...	12.380	17.0	ng	803514	4	11.322	946406	20.0
Phenanthrene, 3...	12.416	11.5	ng	542828	4	11.322	946406	20.0
Cyclopenta(def)...	12.469	11.4	ng	540847	4	11.322	946406	20.0
Pyrene, 1-methyl-	12.992	7.1	ng	816769	5	13.974	2310570	20.0
Fluoranthene, 2...	13.080	5.0	ng	571605	5	13.974	2310570	20.0
Pyrene, 4-methyl-	13.204	5.8	ng	675470	5	13.974	2310570	20.0
11H-Benzo[a]flu...	13.298	4.9	ng	563509	5	13.974	2310570	20.0
Benzo[b]naphtho...	13.722	4.0	ng	465650	5	13.974	2310570	20.0
7H-Benz[de]anth...	13.827	4.5	ng	517801	5	13.974	2310570	20.0
Benz[a]anthrace...	14.363	5.0	ng	577663	5	13.974	2310570	20.0
Benzo[a]pyrene,...	14.839	4.9	ng	133523	6	15.445	540769	20.0
Benzo[e]pyrene	15.321	18.1	ng	490790	6	15.445	540769	20.0