LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133877.D
Acq On : 21 Jun 2023 18:29
Operator : CG\JU
Sample : 03298-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133877.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	266834	337969	19.84%	1.263%
2	5.087	506	510	521	rBV	520806	531652	31.21%	1.986%
3	5.493	575	579	592	rBV	838603	793780	46.60%	2.966%
4	6.492	745	749	763	rBV	952720	842003	49.43%	3.146%
5	6.857	808	811	815	rBV	744903	633717	37.20%	2.368%
6	7.416	902	906	911	rBV	694033	562285	33.01%	2.101%
7	8.139	1025	1029	1031	rBV	942152	738215	43.34%	2.758%
8	8.157	1031	1032	1037	rVB	69863	51282	3.01%	0.192%
9	8.951	1163	1167	1172	rVB	43281	36713	2.16%	0.137%
10	9.216	1208	1212	1215	rBV	1184795	988407	58.03%	3.693%
11	9.551	1266	1269	1272	rBV	49817	51330	3.01%	0.192%
12	9.898	1324	1328	1331	rBV	841403	662480	38.89%	2.475%
13	9.928	1331	1333	1337	rVB	178003	136726	8.03%	0.511%
14	10.051	1350	1354	1358	rBV2	40245	46645	2.74%	0.174%
15	10.098	1358	1362	1366	rBV2	90561	88037	5.17%	0.329%
16	10.304	1392	1397	1399	rBV	32308	38567	2.26%	0.144%
17	10.445	1417	1421	1426	rVV	166159	146790	8.62%	0.548%
18	10.498	1426	1430	1431	rVV	43194	44623	2.62%	0.167%
19	10.510	1431	1432	1434	rVV	61016	48067	2.82%	0.180%
20	10.533	1434	1436	1438	rVV2	61541	48874	2.87%	0.183%
21	10.580	1442	1444	1446	rVV2	34174	41436	2.43%	0.155%
22	10.610	1446	1449	1453	rVB2	92180	102965	6.04%	0.385%
23	10.686	1459	1462	1466	rVB	479290	409055	24.01%	1.528%
24	10.810	1478	1483	1487	rVB3	29488	43243	2.54%	0.162%
25	10.998	1508	1515	1517	rBV3	75390	107306	6.30%	0.401%
26	11.022	1517	1519	1522	rVV2	67460	72600	4.26%	0.271%
27	11.080	1526	1529	1532	rVB2	53779	55309	3.25%	0.207%
28	11.145	1538	1540	1543	rVV2	55129	58923	3.46%	0.220%
29	11.192	1545	1548	1552	rVV2	68319	73259	4.30%	0.274%
30	11.251	1552	1558	1561	rVV3	58269	99471	5.84%	0.372%
31	11.286	1561	1564	1573	rVB	113905	114093	6.70%	0.426%
32	11.392	1578	1582	1584	rBV	725759	675808	39.67%	2.525%
33	11.416	1584	1586	1589	rVV	1588101	1262254	74.10%	4.716%
34	11.469	1592	1595	1598	rVV	280632	244550	14.36%	0.914%
35	11.622	1618	1621	1630	rVV	88507	116676	6.85%	0.436%
36	11.722	1635	1638	1641	rVB	102024	81327	4.77%	0.304%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
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Operator : CG\JU
Sample : 03298-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.804	1650	1652	1657	rVB	53226	56919	3.34%	0.213%
38	11.898	1662	1668	1670	rVV	437399	406761	23.88%	1.520%
39	11.922	1670	1672	1676	rVV	546146	471281	27.67%	1.761%
40	11.969	1676	1680	1683	rVV	177845	178329	10.47%	0.666%
41	12.004	1683	1686	1689	rVV	524295	603976	35.46%	2.257%
42	12.033	1689	1691	1695	rVB	328396	271531	15.94%	1.015%
43	12.098	1700	1702	1705	rVV2	33136	36024	2.11%	0.135%
44	12.127	1705	1707	1710	rVB2	53121	48332	2.84%	0.181%
45	12.192	1715	1718	1720	rVV2	192663	175766	10.32%	0.657%
46	12.216	1720	1722	1728	rVB2	174825	177359	10.41%	0.663%
47	12.269	1728	1731	1733	rBV	66482	57112	3.35%	0.213%
48	12.322	1738	1740	1741	rBV2	49142	39035	2.29%	0.146%
49	12.345	1741	1744	1746	rVV	133661	116793	6.86%	0.436%
50	12.374	1746	1749	1751	rVV	116641	95901	5.63%	0.358%
51	12.398	1751	1753	1756	rVB	101881	77046	4.52%	0.288%
52	12.451	1758	1762	1765	rBV	366318	391521	22.98%	1.463%
53	12.486	1765	1768	1770	rVV2	209220	242172	14.22%	0.905%
54	12.504	1770	1771	1774	rVB	96150	62583	3.67%	0.234%
55	12.533	1774	1776	1781	rBV2	168518	213391	12.53%	0.797%
56	12.616	1786	1790	1793	rVV	1516533	1330438	78.11%	4.971%
57	12.657	1795	1797	1799	rVV	70993	74500	4.37%	0.278%
58	12.674	1799	1800	1804	rVV3	88251	88899	5.22%	0.332%
59	12.745	1808	1812	1814	rVV4	68480	90484	5.31%	0.338%
60	12.769	1814	1816	1818	rVV2	81601	81155	4.76%	0.303%
61	12.792	1818	1820	1823	rVV	76792	74862	4.39%	0.280%
62	12.845	1823	1829	1834	rVV	1502849	1703378	100.00%	6.365%
63	12.898	1834	1838	1842	rVB3	122120	175864	10.32%	0.657%
64	12.957	1842	1848	1850	rBV3	92648	139290	8.18%	0.520%
65	12.986	1850	1853	1860	rVB	1011794	973282	57.14%	3.637%
66	13.063	1861	1866	1870	rBV4	184112	296223	17.39%	1.107%
67	13.116	1873	1875	1878	rVV	57896	60903	3.58%	0.228%
68	13.151	1878	1881	1882	rVV2	150271	169626	9.96%	0.634%
69	13.174	1882	1885	1888	rVB	318902	311543	18.29%	1.164%
70	13.221	1888	1893	1894	rBV3	54700	80172	4.71%	0.300%
71	13.239	1894	1896	1899	rVV	251610	229355	13.46%	0.857%
72	13.280	1899	1903	1905	rVV2	284021	339446	19.93%	1.268%
73	13.304	1905	1907	1910	rVV2	107767	139652	8.20%	0.522%
74	13.333	1910	1912	1915	rVV	83321	96864	5.69%	0.362%
75	13.369	1915	1918	1921	rVV	216406	229074	13.45%	0.856%
76	13.404	1921	1924	1927	rVV	224300	237725	13.96%	0.888%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03298-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.433	1927	1929	1933	rVV4	55898	69515	4.08%	0.260%
78	13.480	1935	1937	1942	rVB5	53261	75899	4.46%	0.284%
79	13.580	1947	1954	1956	rBV5	80192	157670	9.26%	0.589%
80	13.686	1965	1972	1976	rBV2	148452	250765	14.72%	0.937%
81	13.745	1980	1982	1985	rVB	45666	38051	2.23%	0.142%
82	13.798	1986	1991	1994	rBV3	174707	265538	15.59%	0.992%
83	13.827	1994	1996	1998	rVB	124018	92344	5.42%	0.345%
84	13.851	1998	2000	2001	rBV	49368	44969	2.64%	0.168%
85	13.892	2005	2007	2012	rVB2	144180	142087	8.34%	0.531%
86	14.045	2029	2033	2036	rBV2	943990	1344486	78.93%	5.024%
87	14.074	2036	2038	2044	rVB	734584	738789	43.37%	2.760%
88	14.139	2046	2049	2050	rBV	54853	53238	3.13%	0.199%
89	14.157	2050	2052	2054	rVB	86703	58267	3.42%	0.218%
90	14.404	2091	2094	2096	rBV	62863	60250	3.54%	0.225%
91	14.439	2096	2100	2103	rVB	236902	241613	14.18%	0.903%
92	14.474	2103	2106	2109	rVB	165194	129826	7.62%	0.485%
93	14.515	2110	2113	2114	rBV2	53812	64842	3.81%	0.242%
94	14.568	2119	2122	2123	rBV	99528	90693	5.32%	0.339%
95	15.110	2210	2214	2218	rBV	317094	529469	31.08%	1.978%
96	15.227	2231	2234	2237	rVB	65572	72258	4.24%	0.270%
97	15.427	2264	2268	2274	rVB	199379	262083	15.39%	0.979%
98	15.492	2275	2279	2285	rVB	291335	350383	20.57%	1.309%
99	15.557	2286	2290	2293	rBV	330320	400261	23.50%	1.496%
100	17.104	2549	2553	2560	rVB3	94974	199402	11.71%	0.745%

Sum of corrected areas: 26763702

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133877.D
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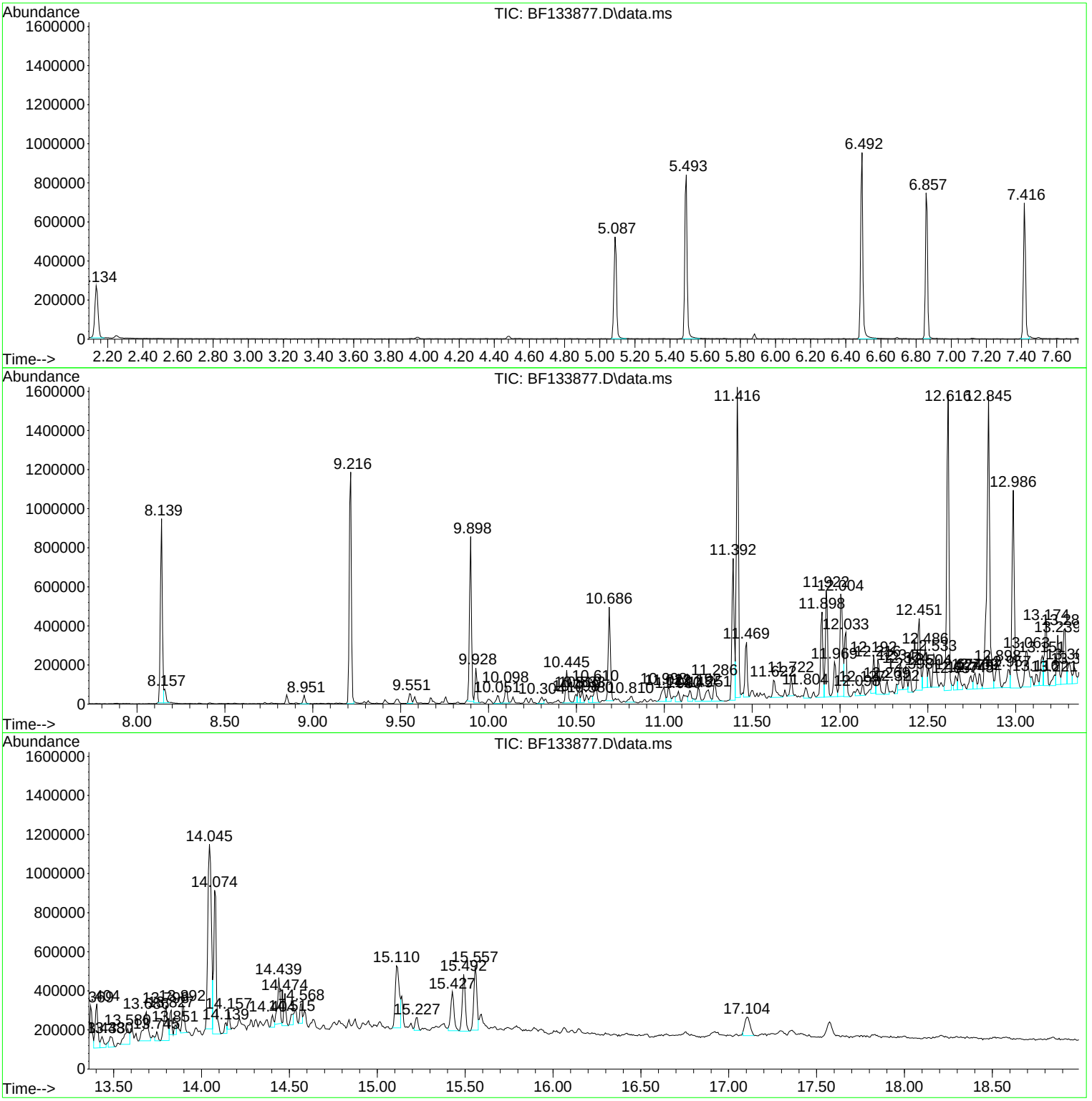
Sample : 03298-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF062123\
Data File : BF133877.D
Acq On : 21 Jun 2023 18:29
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

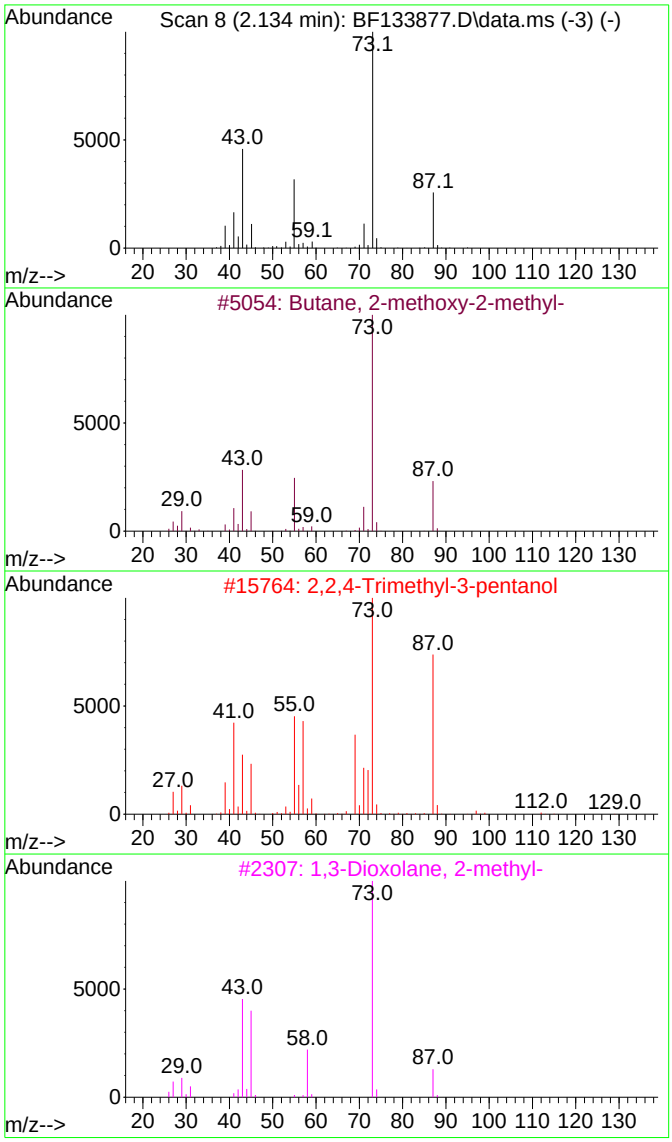
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

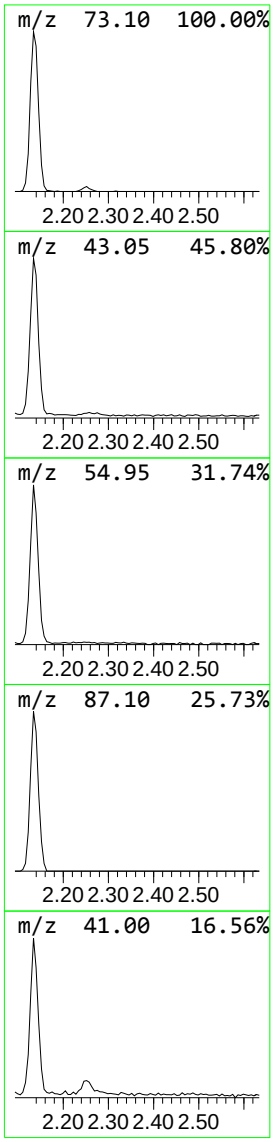
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	10.67 ng	337969	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133877.D
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Instrument :
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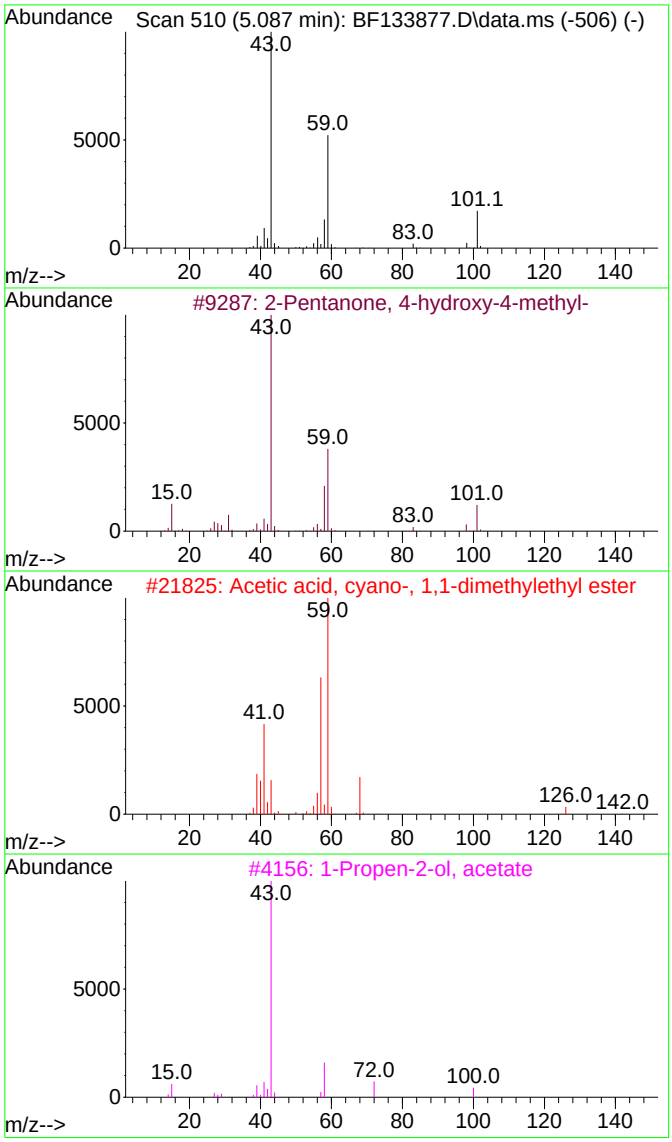
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

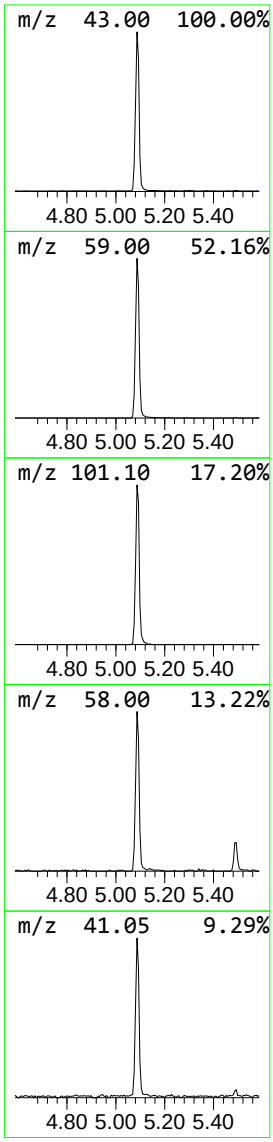
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	16.78 ng	531652	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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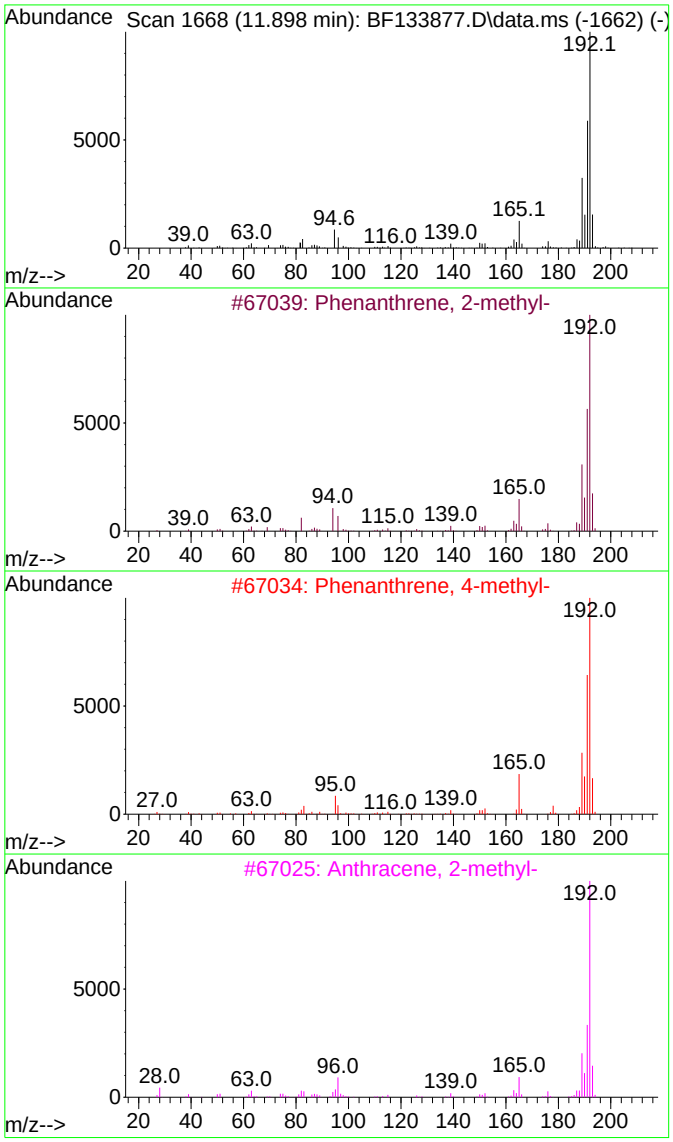
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

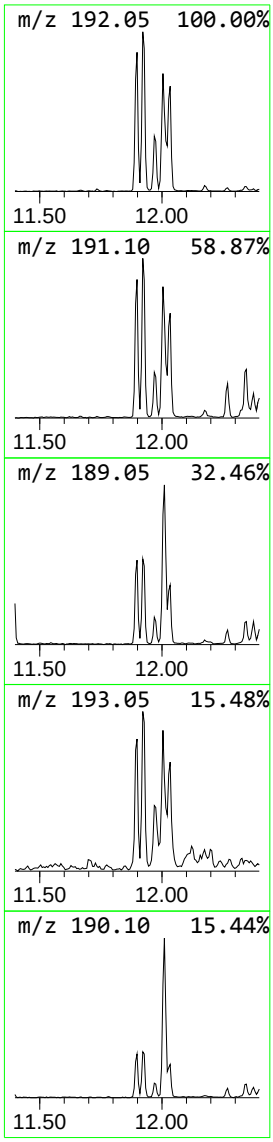
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	12.04 ng	406761	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

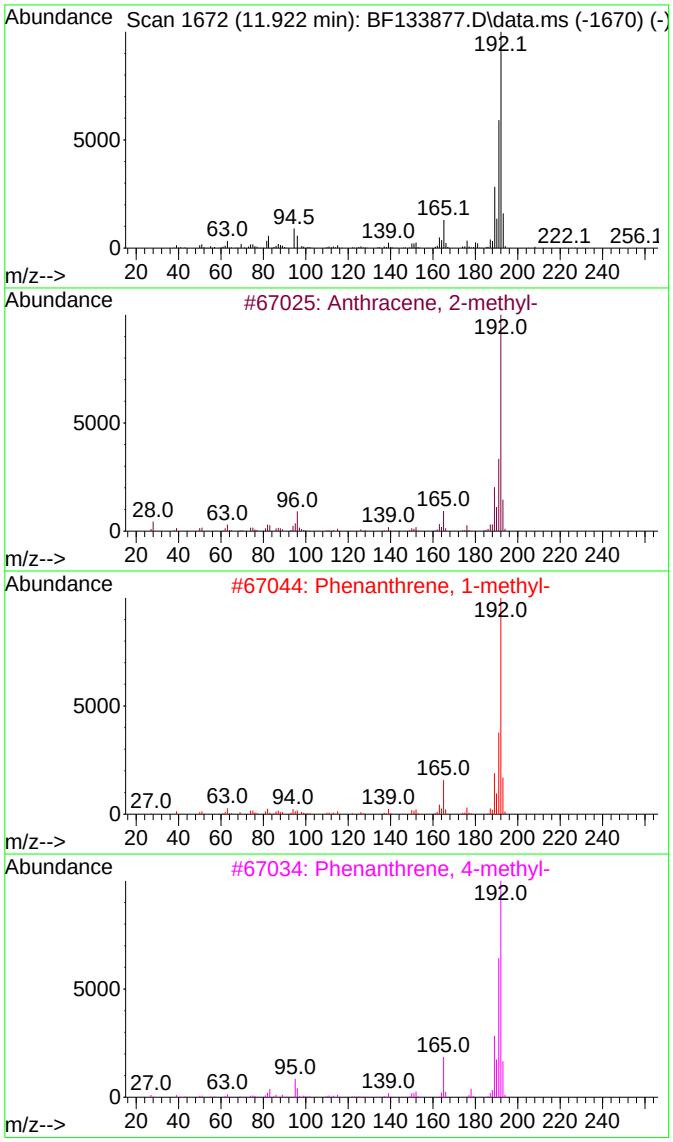
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

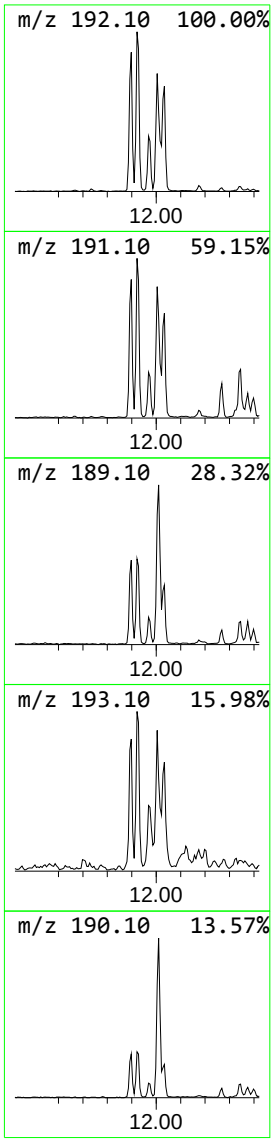
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	13.95 ng	471281	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133877.D
Acq On : 21 Jun 2023 18:29
Operator : CG\JU
Sample : 03298-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

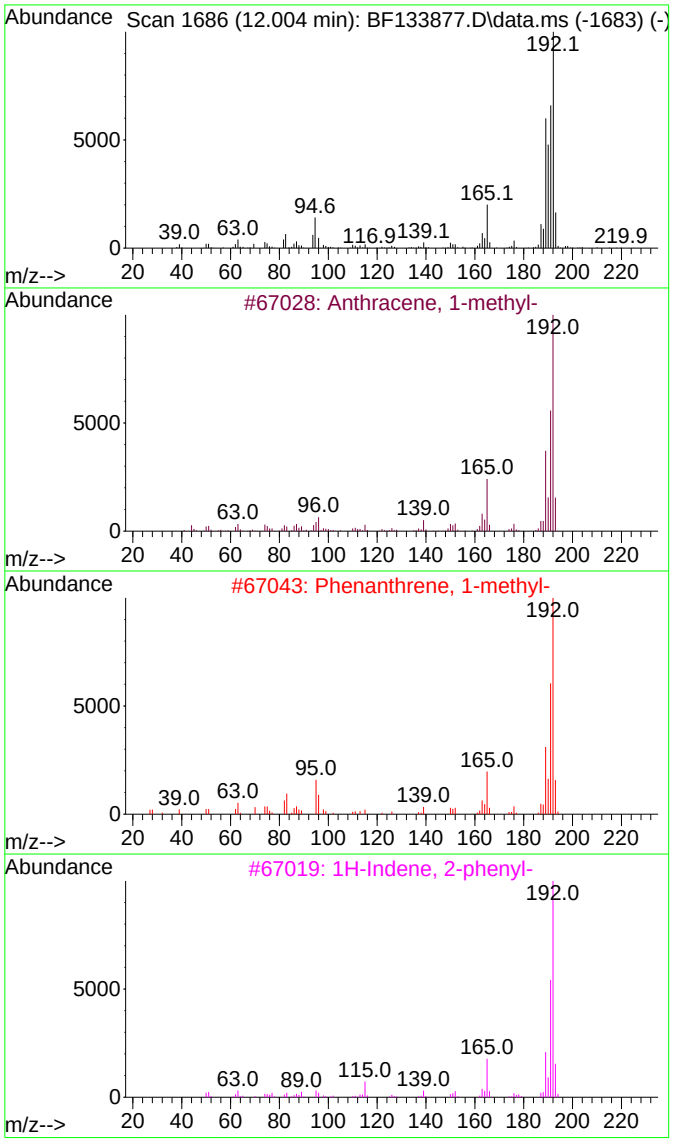
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

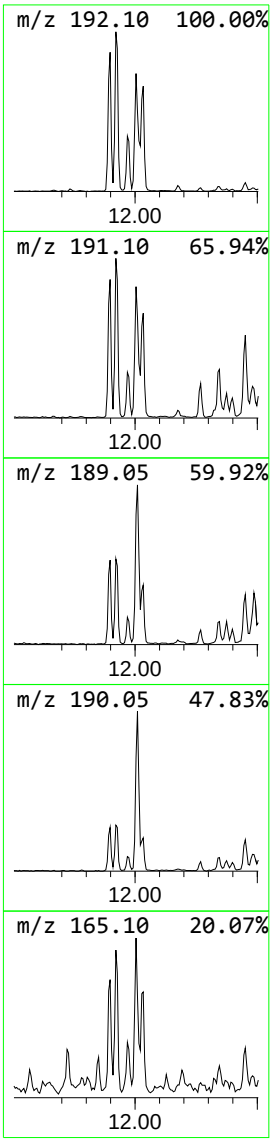
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	17.87 ng	603976	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55





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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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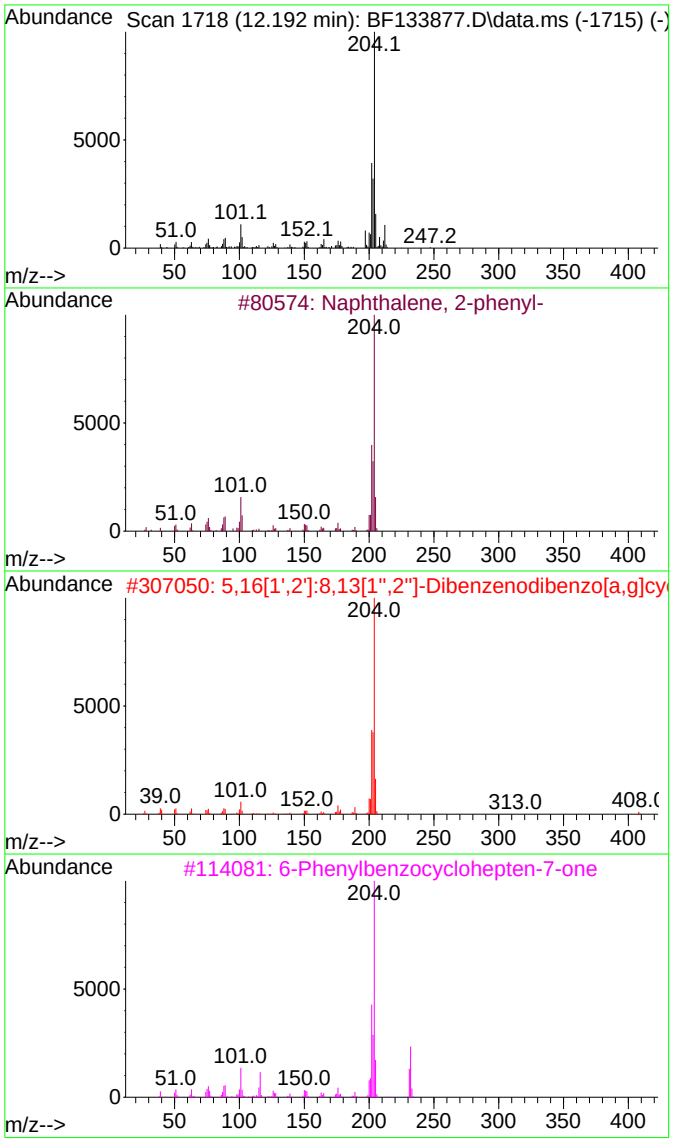
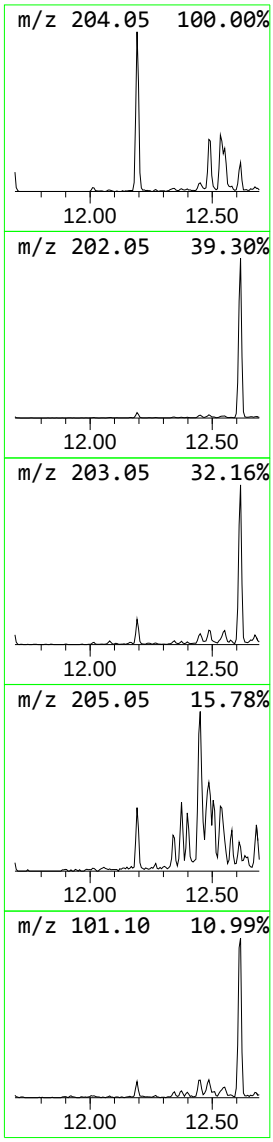
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	5.20 ng	175766	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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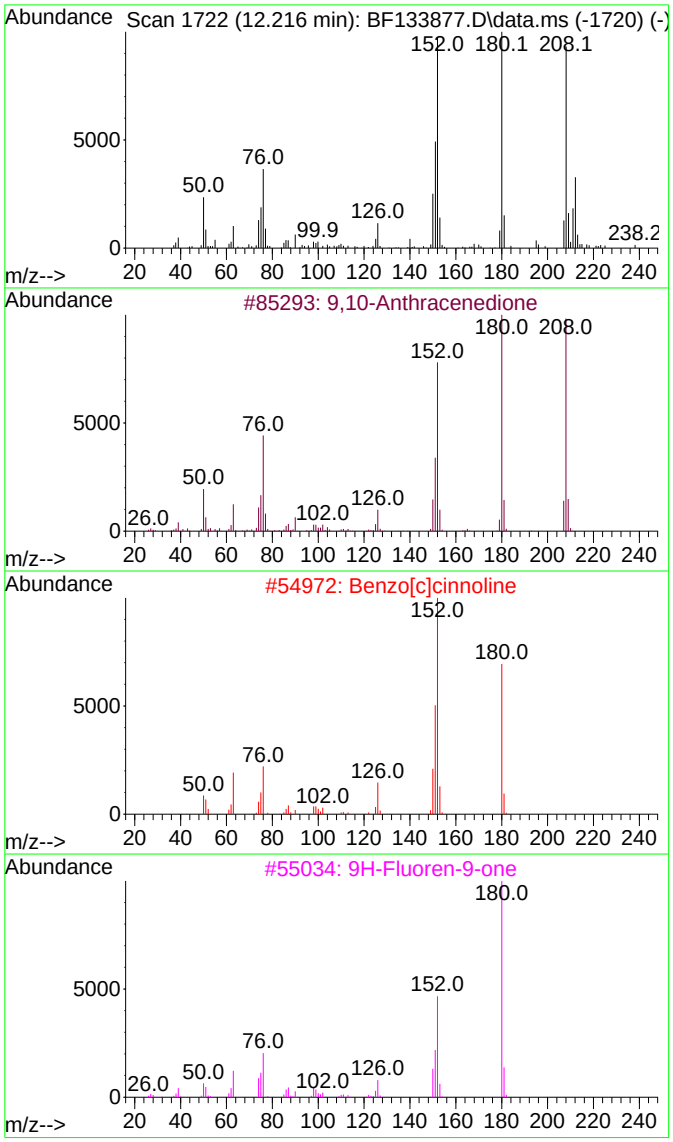
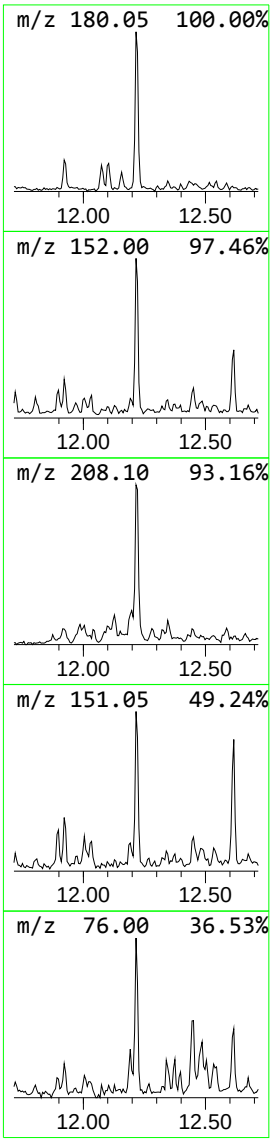
Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	5.25 ng	177359	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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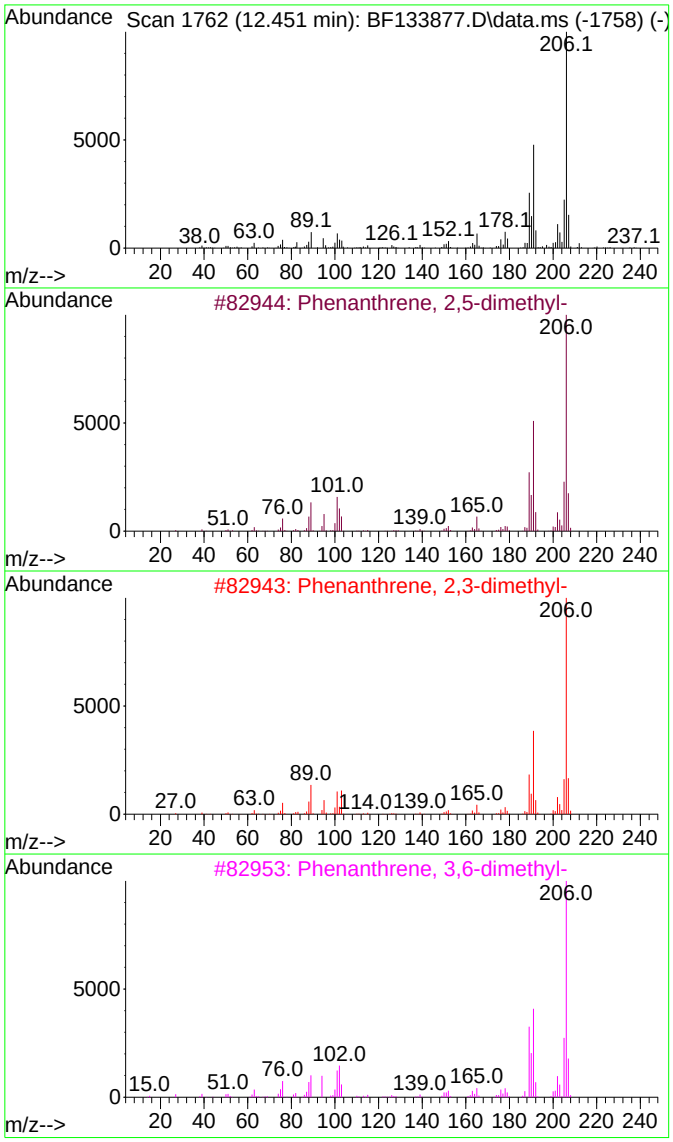
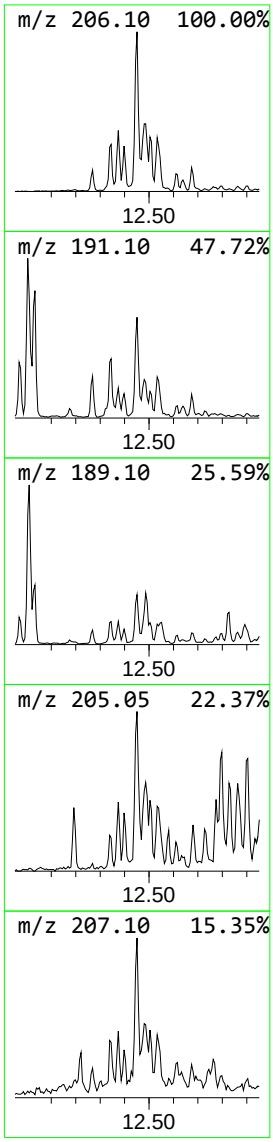
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	11.59 ng	391521	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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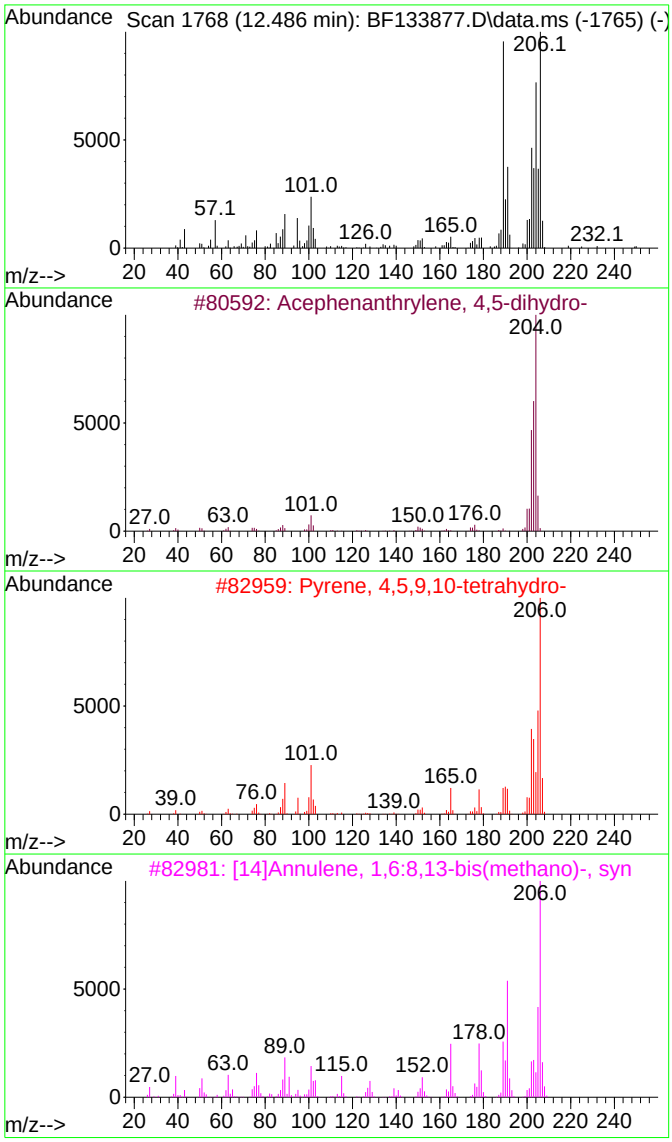
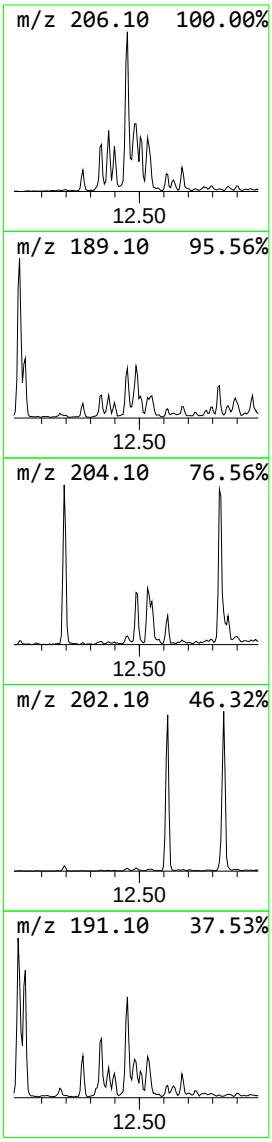
Peak Number 11 Acephenanthrylene, 4,5-dihy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	7.17 ng	242172	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	64
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
5	benzenesulfonamide, 2-amino-4-ch...	206	C6H7ClN2O2S	1000400-53-5	35





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

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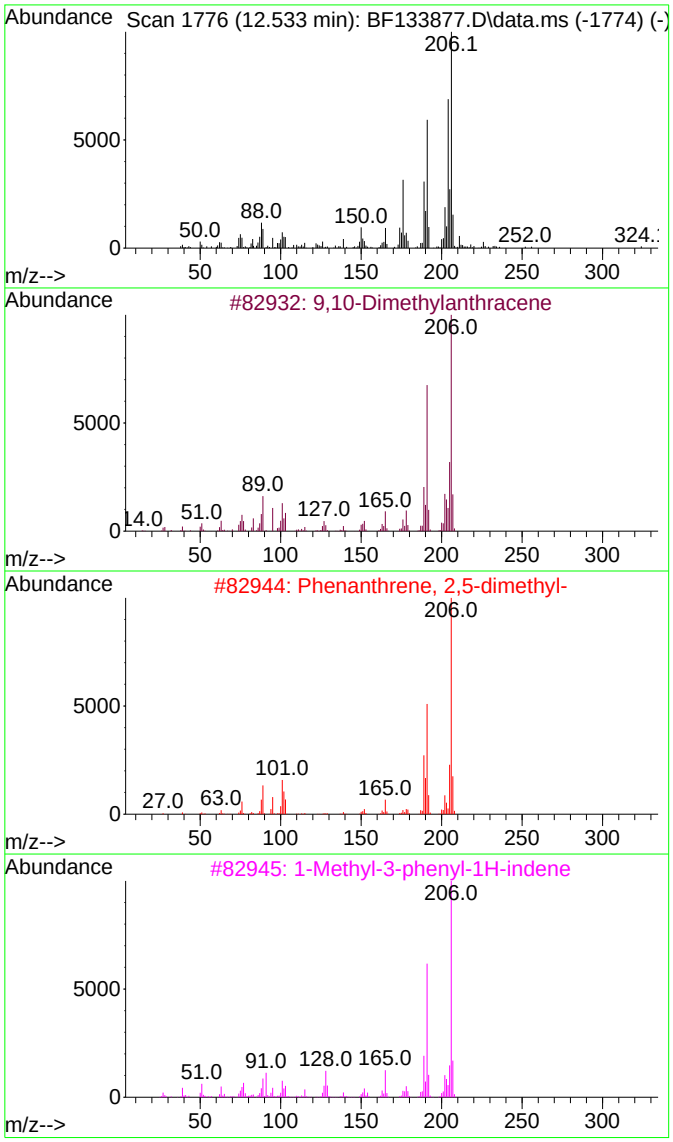
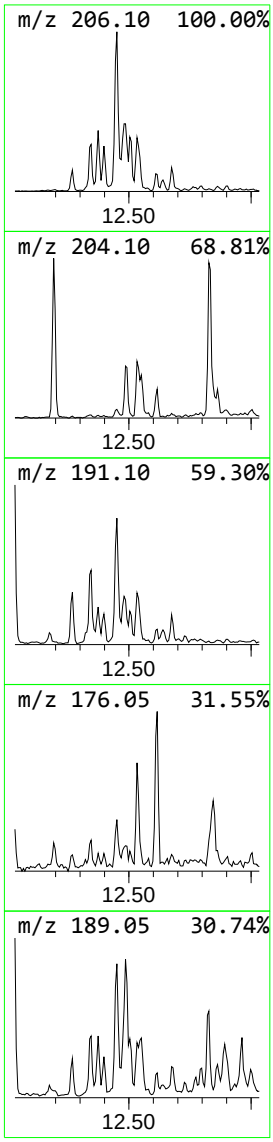
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	6.32 ng	213391	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	83
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	83
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	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

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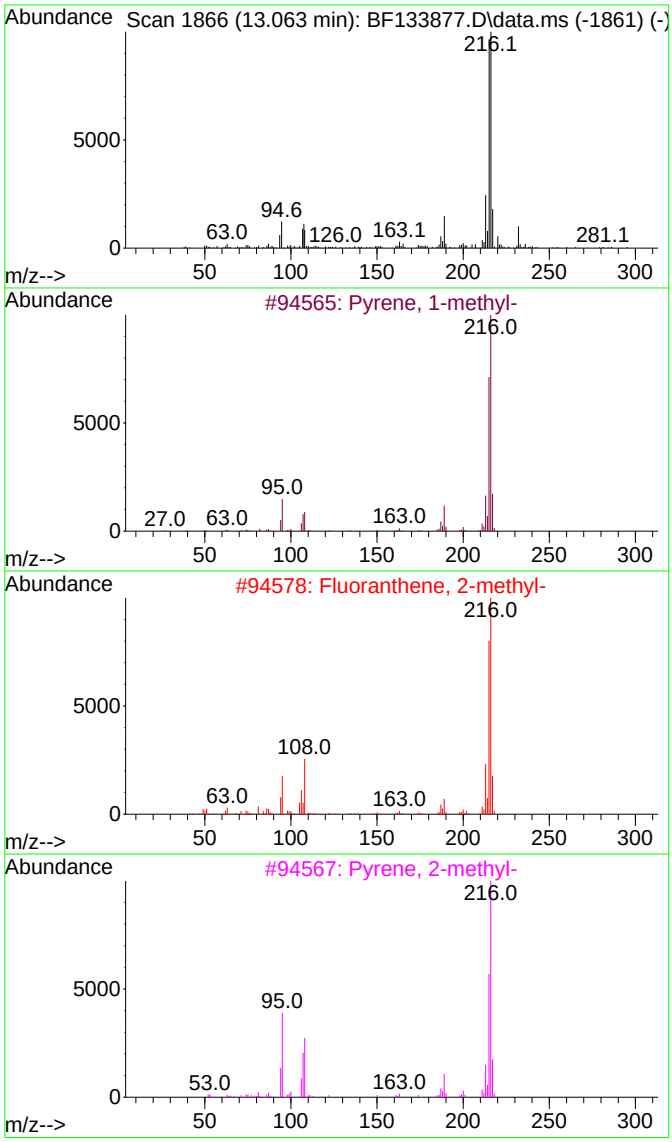
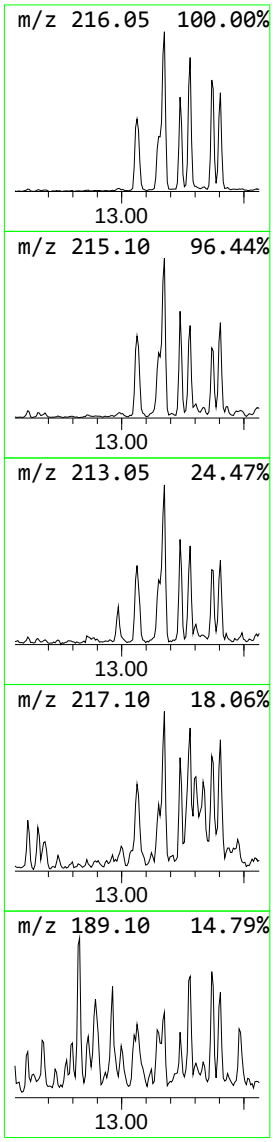
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	4.41 ng	296223	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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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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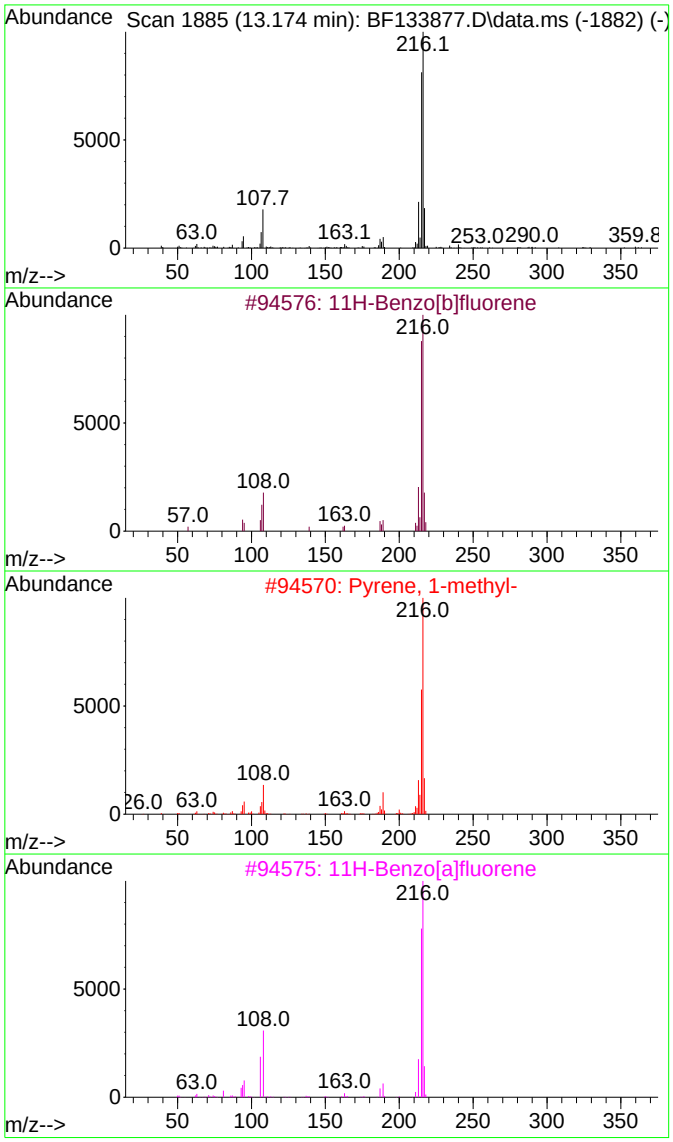
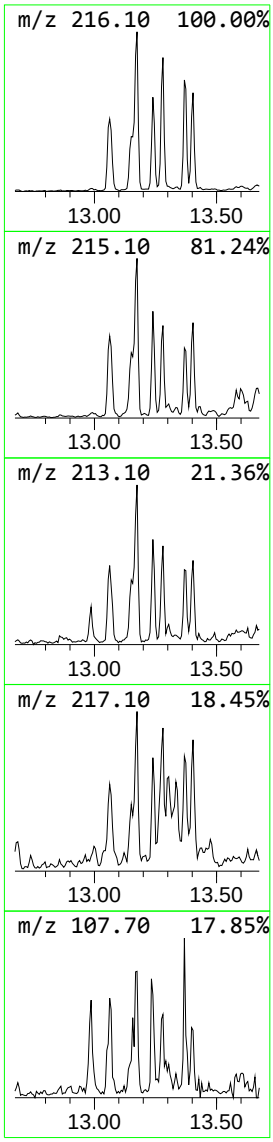
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	4.63 ng	311543	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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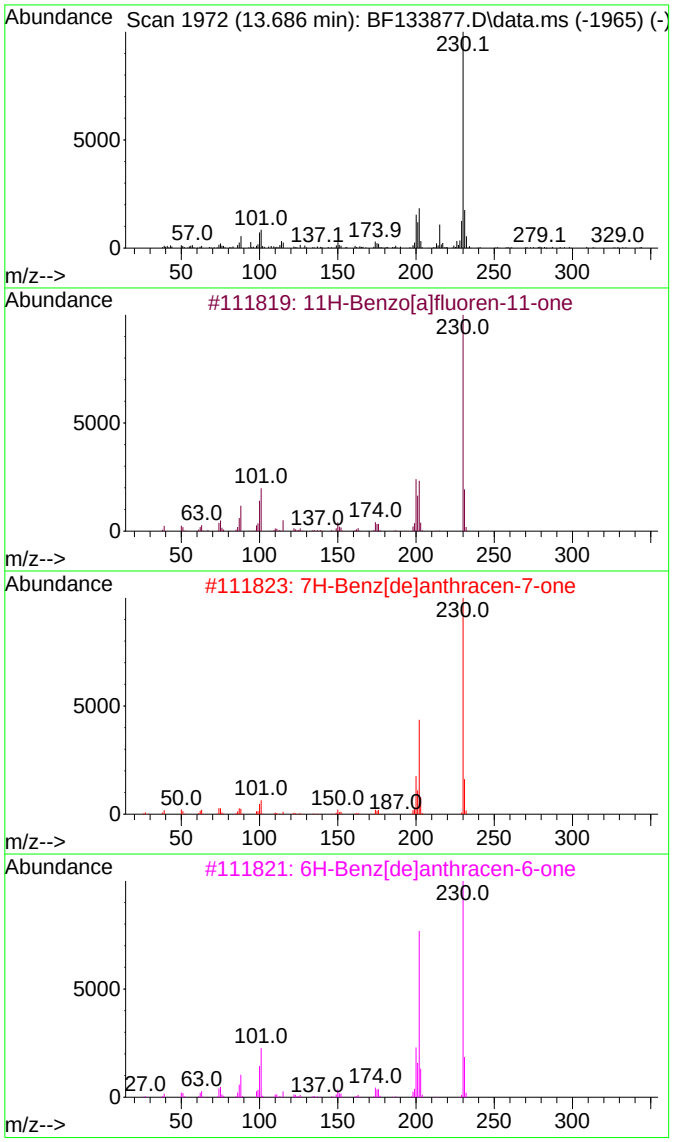
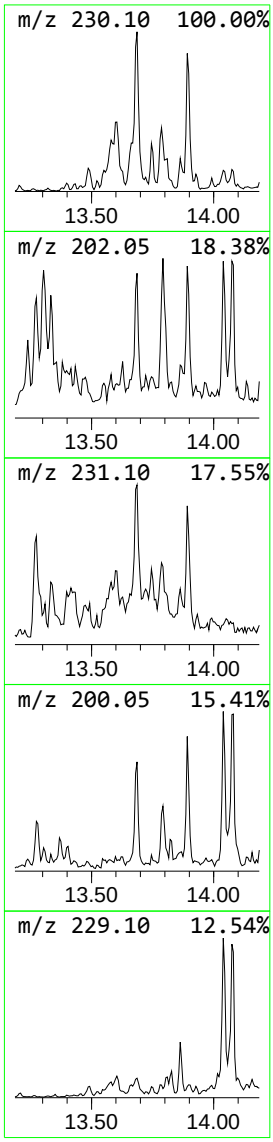
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	3.73 ng	250765	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	70
4	m-Terphenyl	230	C18H14	000092-06-8	64
5	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	64





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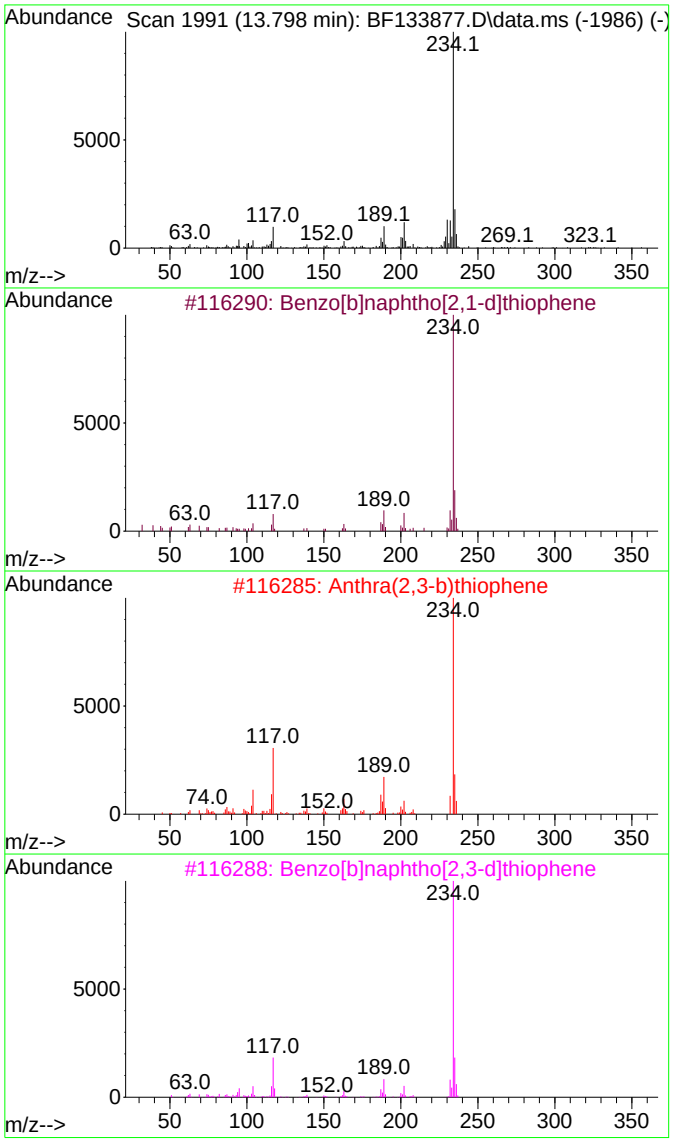
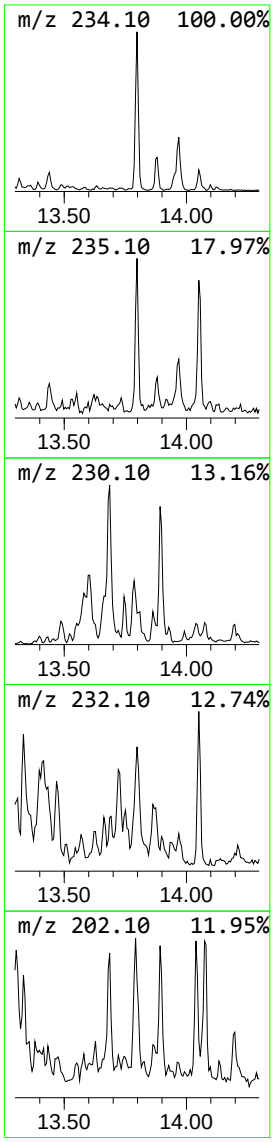
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	3.95 ng	265538	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	58





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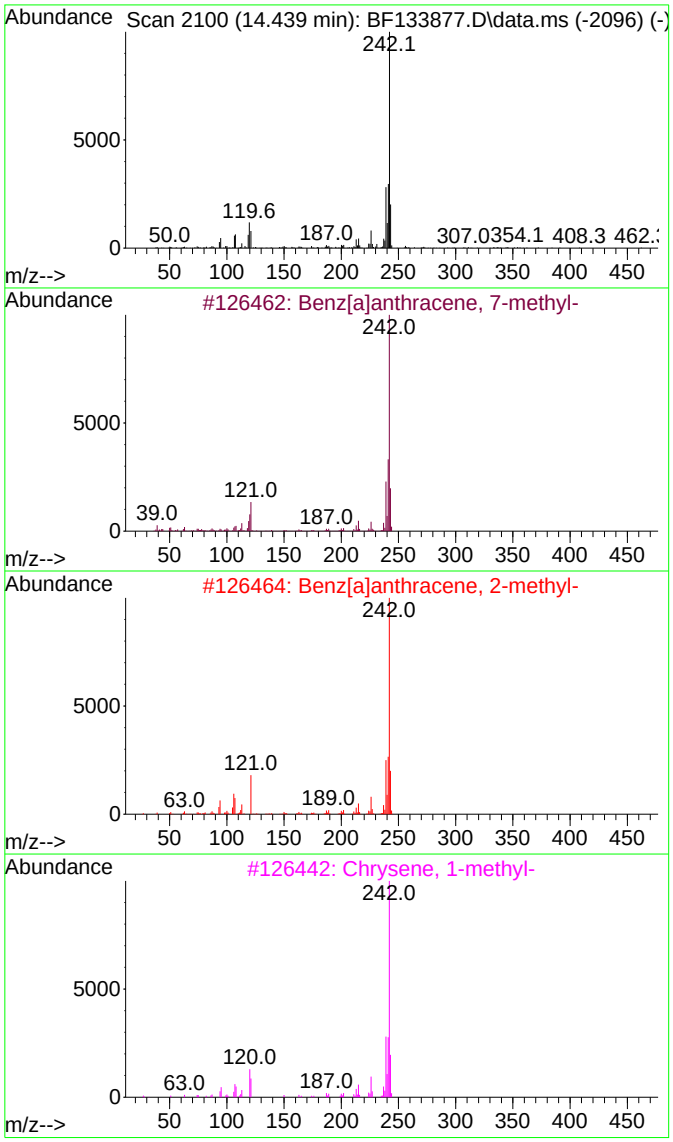
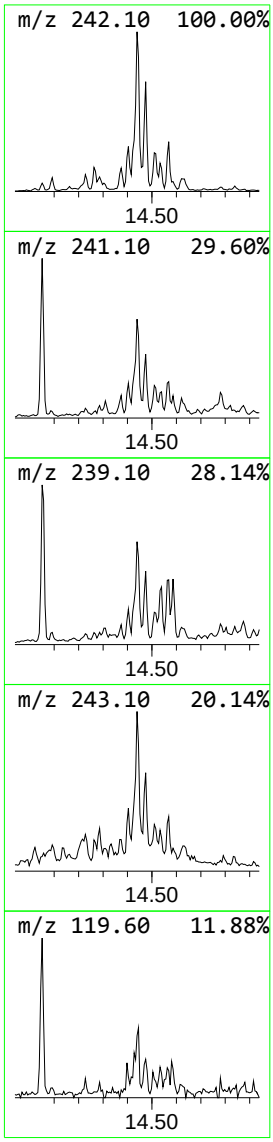
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.439	3.59 ng	241613	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81





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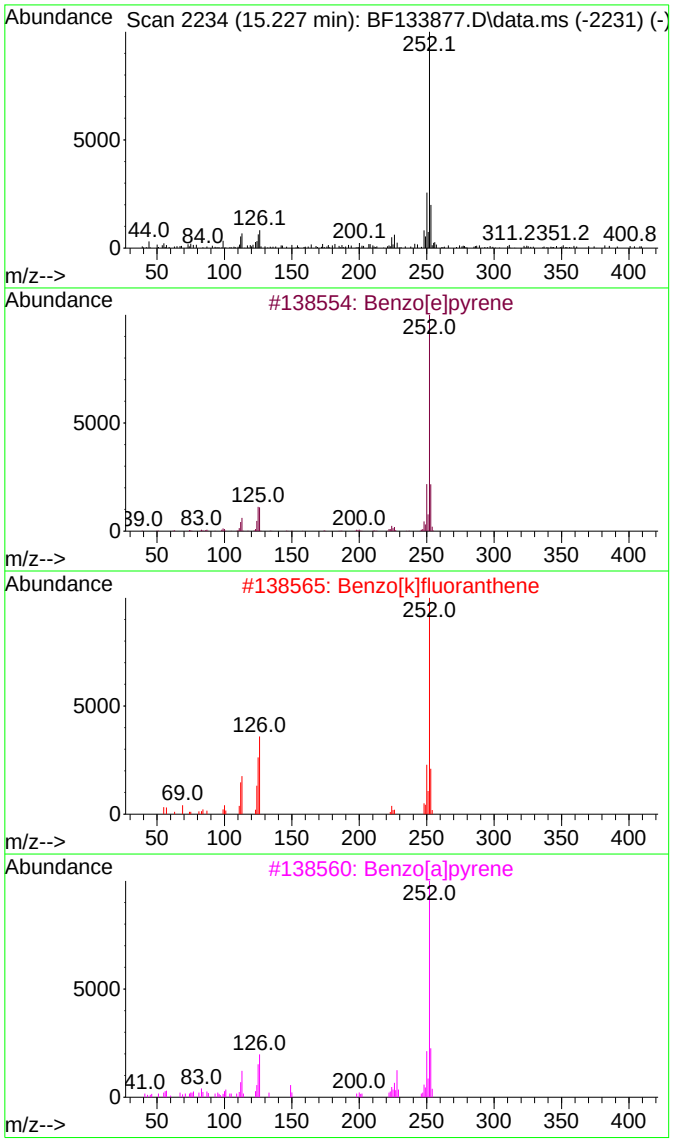
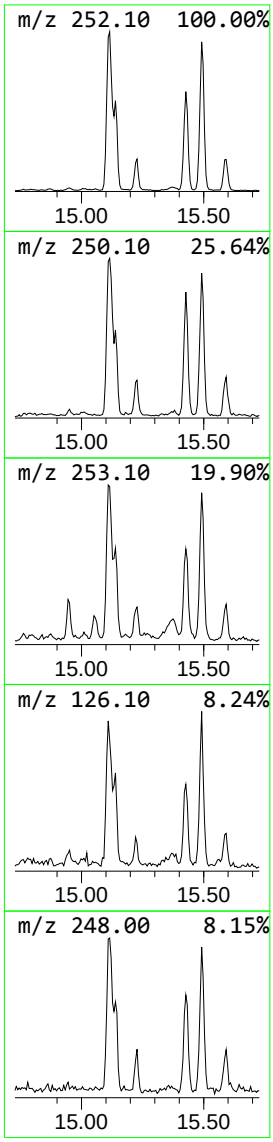
Peak Number 19 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	3.61 ng	72258	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74





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Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

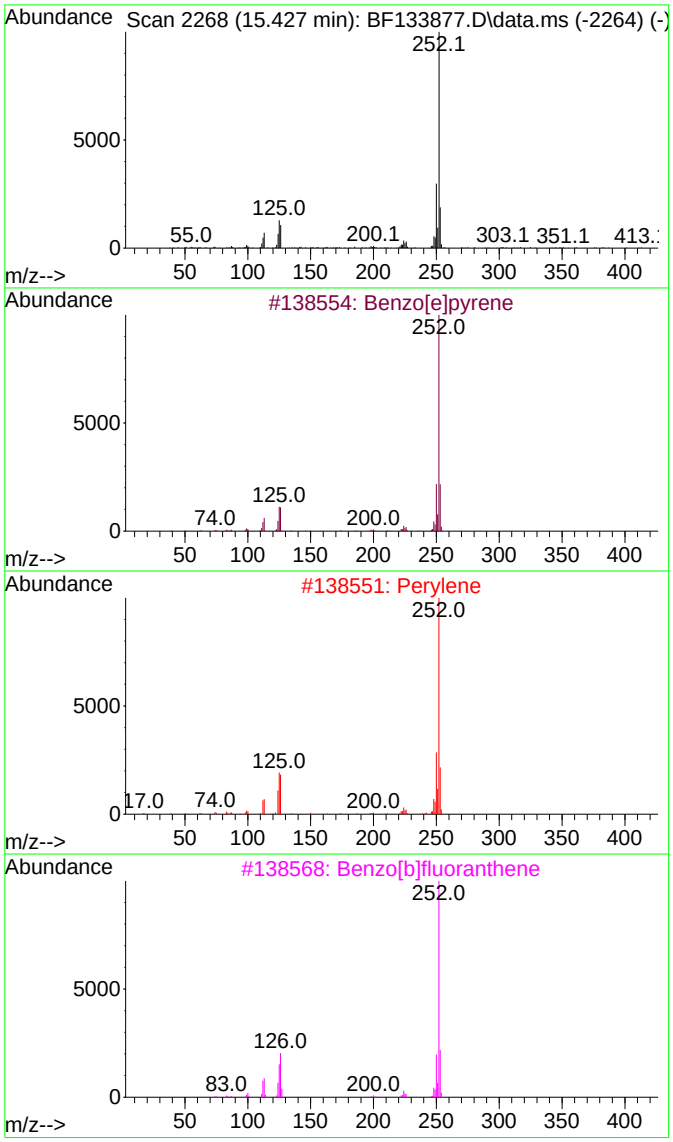
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

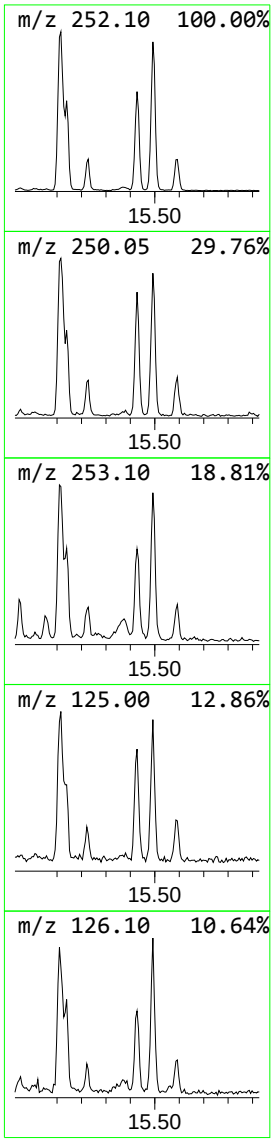
****

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	13.10 ng	262083	Perylene-d12	15.557

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133877.D
Acq On : 21 Jun 2023 18:29
Operator : CG\JU
Sample : 03298-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-TW-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Butane, 2-metho...	2.134	10.7	ng	337969	1	6.857	633717	20.0
2-Pentanone, 4-...	5.087	16.8	ng	531652	1	6.857	633717	20.0
Phenanthrene, 2...	11.898	12.0	ng	406761	4	11.392	675808	20.0
Anthracene, 2-m...	11.922	13.9	ng	471281	4	11.392	675808	20.0
Anthracene, 1-m...	12.004	17.9	ng	603976	4	11.392	675808	20.0
Naphthalene, 2-...	12.192	5.2	ng	175766	4	11.392	675808	20.0
9,10-Anthracene...	12.216	5.3	ng	177359	4	11.392	675808	20.0
Phenanthrene, 2...	12.451	11.6	ng	391521	4	11.392	675808	20.0
Acephenanthryle...	12.486	7.2	ng	242172	4	11.392	675808	20.0
9,10-Dimethylan...	12.533	6.3	ng	213391	4	11.392	675808	20.0
Pyrene, 1-methyl-	13.063	4.4	ng	296223	5	14.051	1344490	20.0
11H-Benzo[b]flu...	13.174	4.6	ng	311543	5	14.051	1344490	20.0
11H-Benzo[a]flu...	13.686	3.7	ng	250765	5	14.051	1344490	20.0
Benzo[b]naphtho...	13.798	4.0	ng	265538	5	14.051	1344490	20.0
Benz[a]anthrace...	14.439	3.6	ng	241613	5	14.051	1344490	20.0
Benzo[e]pyrene	15.227	3.6	ng	72258	6	15.557	400261	20.0
Perylene	15.427	13.1	ng	262083	6	15.557	400261	20.0