LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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: BF133925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	5	10	24	rVB	606964	819457	34.27%	2.256%
2	2.263	26	30	38	rVB	30845	46245	1.93%	0.127%
3	5.098	508	512	523	rVB	95120	112666	4.71%	0.310%
4	5.493	574	579	582	rBV	2212378	1982236	82.91%	5.457%
5	6.492	744	749	752	rBV	2187845	2007451	83.96%	5.526%
6	6.857	808	811	817	rBV	846212	657844	27.52%	1.811%
7	7.416	902	906	910	rBV	1372028	1320869	55.25%	3.636%
8	8.134	1025	1028	1031	rBV	869035	805484	33.69%	2.217%
9	8.851	1147	1150	1153	rBV	38925	31514	1.32%	0.087%
10	8.951	1163	1167	1170	rBV	32208	30109	1.26%	0.083%
11	9.216	1208	1212	1215	rBV	3003920	2359327	98.68%	6.495%
12	9.551	1266	1269	1272	rBV	35291	34246	1.43%	0.094%
13	9.757	1300	1304	1307	rBV	60608	52846	2.21%	0.145%
14	9.892	1324	1327	1330	rBV	888508	797812	33.37%	2.196%
15	9.928	1330	1333	1337	rVB	210615	161019	6.73%	0.443%
16	10.098	1358	1362	1366	rBV	94058	85548	3.58%	0.235%
17	10.445	1417	1421	1427	rBV2	154712	142585	5.96%	0.393%
18	10.610	1445	1449	1453	rVB2	301831	264760	11.07%	0.729%
19	10.686	1458	1462	1469	rBV	1496080	1322937	55.33%	3.642%
20	10.810	1478	1483	1487	rVB6	34097	50781	2.12%	0.140%
21	10.998	1508	1515	1517	rBV3	40059	63375	2.65%	0.174%
22	11.122	1532	1536	1538	rBV2	30494	36538	1.53%	0.101%
23	11.192	1545	1548	1551	rVB	70990	62589	2.62%	0.172%
24	11.286	1561	1564	1569	rVB	75865	75725	3.17%	0.208%
25	11.386	1578	1581	1583	rBV	742216	695479	29.09%	1.915%
26	11.416	1583	1586	1589	rVV	1449479	1239537	51.85%	3.412%
27	11.463	1591	1594	1597	rVV	393813	325618	13.62%	0.896%
28	11.498	1597	1600	1603	rVB2	41895	43620	1.82%	0.120%
29	11.622	1615	1621	1629	rBV2	168282	198408	8.30%	0.546%
30	11.686	1629	1632	1635	rVV3	57159	51979	2.17%	0.143%
31	11.722	1635	1638	1643	rVB3	37831	41251	1.73%	0.114%
32	11.892	1662	1667	1669	rBV	181554	163191	6.83%	0.449%
33	11.922	1669	1672	1676	rVV	419990	399453	16.71%	1.100%
34	11.969	1677	1680	1683	rVV	96043	87414	3.66%	0.241%
35	12.004	1683	1686	1689	rVV	335842	360524	15.08%	0.992%
36	12.027	1689	1690	1695	rVB	131219	78826	3.30%	0.217%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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	12.074	1695	1698	1700	rBV2	25635	29491	1.23%	0.081%
38	12.192	1715	1718	1720	rBV	131102	111061	4.65%	0.306%
39	12.216	1720	1722	1726	rVB	123945	102832	4.30%	0.283%
40	12.339	1738	1743	1746	rBV2	54946	60045	2.51%	0.165%
41	12.374	1746	1749	1750	rVV	37099	31334	1.31%	0.086%
42	12.392	1750	1752	1755	rVB	36619	34338	1.44%	0.095%
43	12.445	1758	1761	1765	rBV	103687	124624	5.21%	0.343%
44	12.486	1765	1768	1770	rVV	68573	69692	2.91%	0.192%
45	12.533	1773	1776	1781	rBV	116154	124541	5.21%	0.343%
46	12.616	1785	1790	1793	rBV	2277110	2099181	87.80%	5.779%
47	12.674	1798	1800	1803	rVB2	47132	38757	1.62%	0.107%
48	12.704	1803	1805	1808	rBV2	61095	61936	2.59%	0.170%
49	12.763	1812	1815	1819	rVV2	67871	75314	3.15%	0.207%
50	12.845	1822	1829	1831	rBV	2073377	2233533	93.42%	6.149%
51	12.869	1831	1833	1842	rVV2	202398	373978	15.64%	1.030%
52	12.963	1845	1849	1850	rBV	104039	114607	4.79%	0.315%
53	12.986	1850	1853	1861	rVB	2098656	1862131	77.89%	5.126%
54	13.057	1861	1865	1869	rBV3	128226	215981	9.03%	0.595%
55	13.092	1869	1871	1873	rVB	44727	31648	1.32%	0.087%
56	13.145	1877	1880	1882	rBV4	110205	142883	5.98%	0.393%
57	13.168	1882	1884	1888	rVB	310674	279269	11.68%	0.769%
58	13.216	1888	1892	1893	rBV2	46531	59152	2.47%	0.163%
59	13.239	1893	1896	1898	rVV	250339	202753	8.48%	0.558%
60	13.274	1898	1902	1905	rVV2	205323	228298	9.55%	0.628%
61	13.298	1905	1906	1910	rVB2	66560	54204	2.27%	0.149%
62	13.368	1915	1918	1921	rBV	101255	87966	3.68%	0.242%
63	13.398	1921	1923	1927	rBV	124733	111754	4.67%	0.308%
64	13.563	1948	1951	1952	rBV3	41811	39399	1.65%	0.108%
65	13.657	1964	1967	1968	rBV2	42532	41854	1.75%	0.115%
66	13.680	1968	1971	1976	rVB	165592	179966	7.53%	0.495%
67	13.792	1986	1990	1993	rBV2	195360	232322	9.72%	0.640%
68	13.821	1993	1995	1997	rVV	194235	163240	6.83%	0.449%
69	13.845	1997	1999	2004	rVV2	159477	222298	9.30%	0.612%
70	13.892	2004	2007	2014	rVB2	208071	244039	10.21%	0.672%
71	14.045	2026	2033	2036	rBV3	1343786	2390848	100.00%	6.582%
72	14.074	2036	2038	2044	rVB	1065870	1028405	43.01%	2.831%
73	14.157	2049	2052	2054	rBV	216319	187261	7.83%	0.515%
74	14.192	2056	2058	2060	rVV	57650	64002	2.68%	0.176%
75	14.239	2064	2066	2068	rVV	79356	82988	3.47%	0.228%
76	14.280	2068	2073	2075	rVB2	88131	138097	5.78%	0.380%

LSC Area Percent Report

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Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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

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

77	14.439	2097	2100	2103	rVB	189569	170914	7.15%	0.470%
78	14.474	2103	2106	2109	rVB	106969	106227	4.44%	0.292%
79	14.533	2112	2116	2118	rVV2	105498	141206	5.91%	0.389%
80	14.563	2118	2121	2123	rVV2	126392	130512	5.46%	0.359%
81	14.586	2123	2125	2128	rVB2	136367	119975	5.02%	0.330%
82	14.757	2151	2154	2157	rBV4	59280	63297	2.65%	0.174%
83	15.115	2210	2215	2218	rBV	796698	1319152	55.18%	3.631%
84	15.221	2230	2233	2237	rVB	161191	173223	7.25%	0.477%
85	15.427	2264	2268	2274	rVB	452380	631040	26.39%	1.737%
86	15.498	2275	2280	2285	rVB	647243	852286	35.65%	2.346%
87	15.557	2286	2290	2293	rBV	399889	507747	21.24%	1.398%
88	15.592	2293	2296	2302	rVB2	194884	268045	11.21%	0.738%
89	17.104	2547	2553	2562	rVB2	239358	485669	20.31%	1.337%
90	17.574	2627	2633	2643	rBV	170811	371555	15.54%	1.023%

Sum of corrected areas: 36326133

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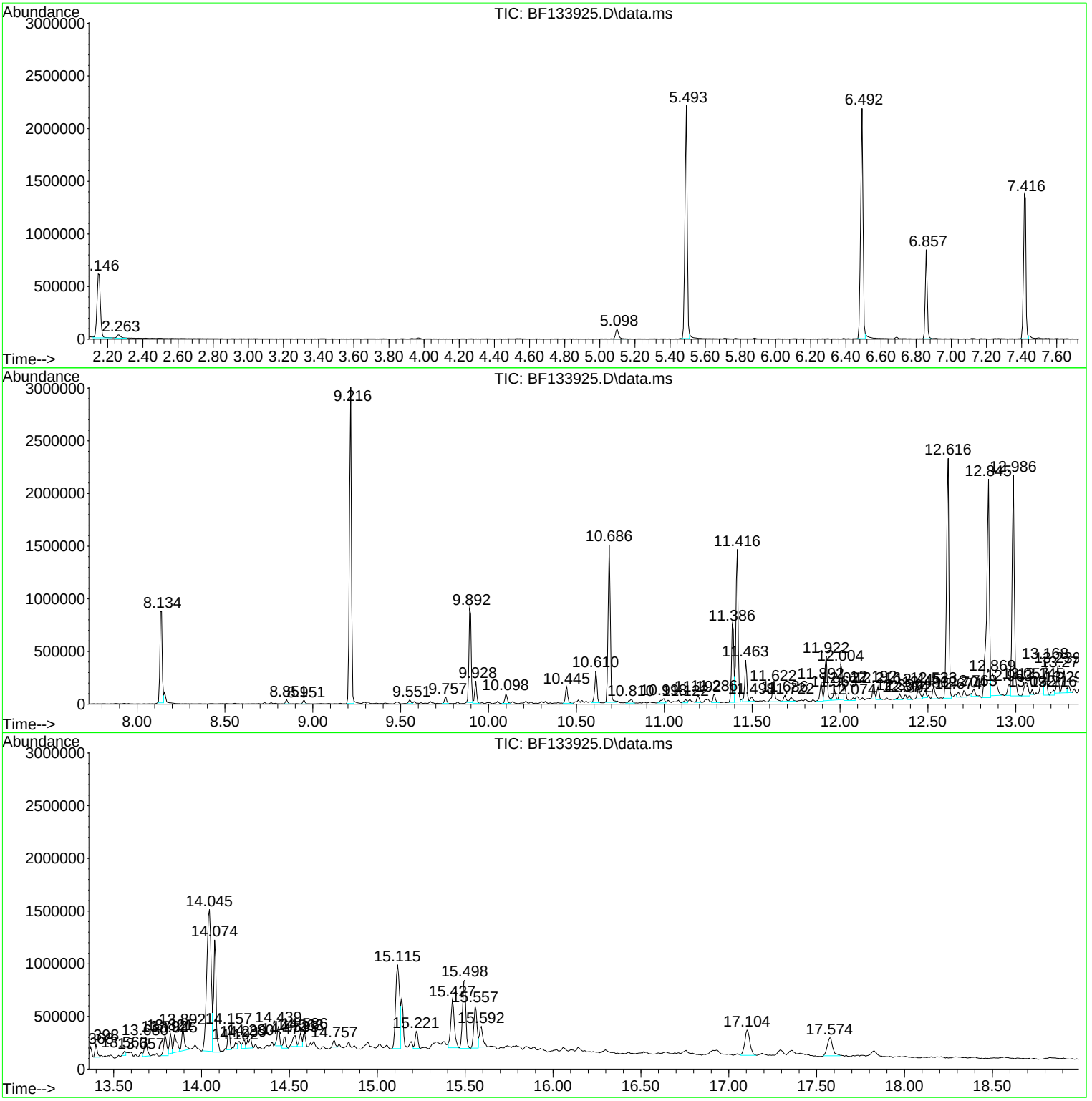
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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\BF062223\
Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
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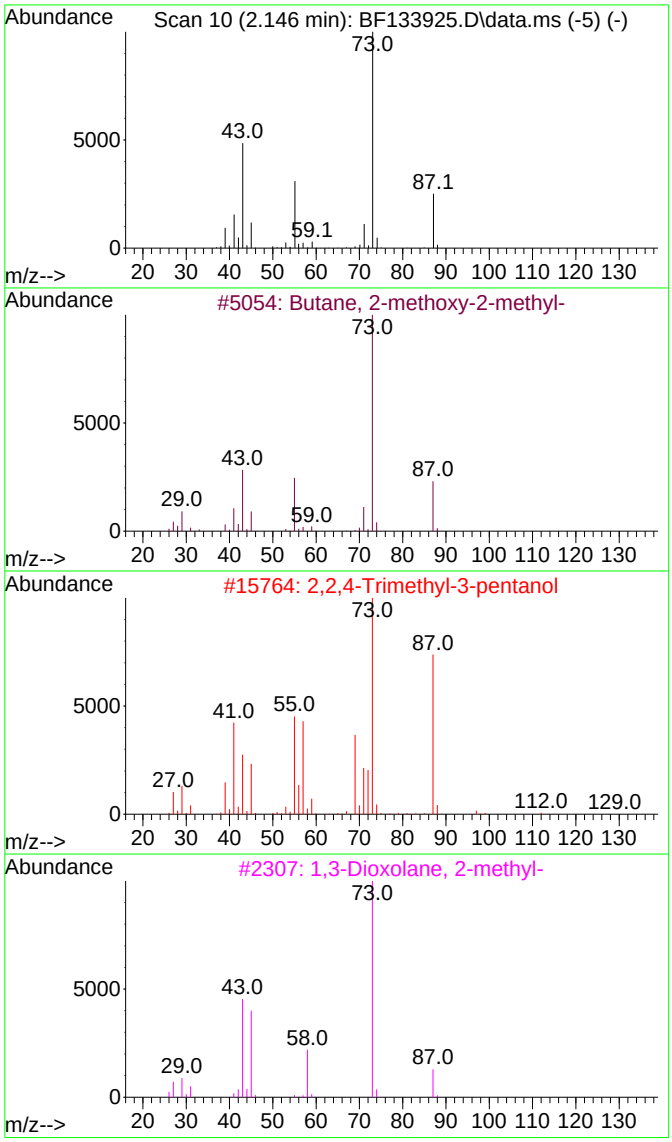
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

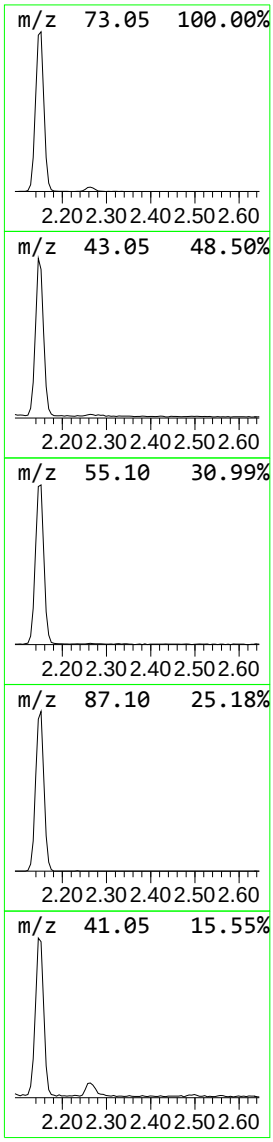
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	24.91 ng	819457	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	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133925.D
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Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

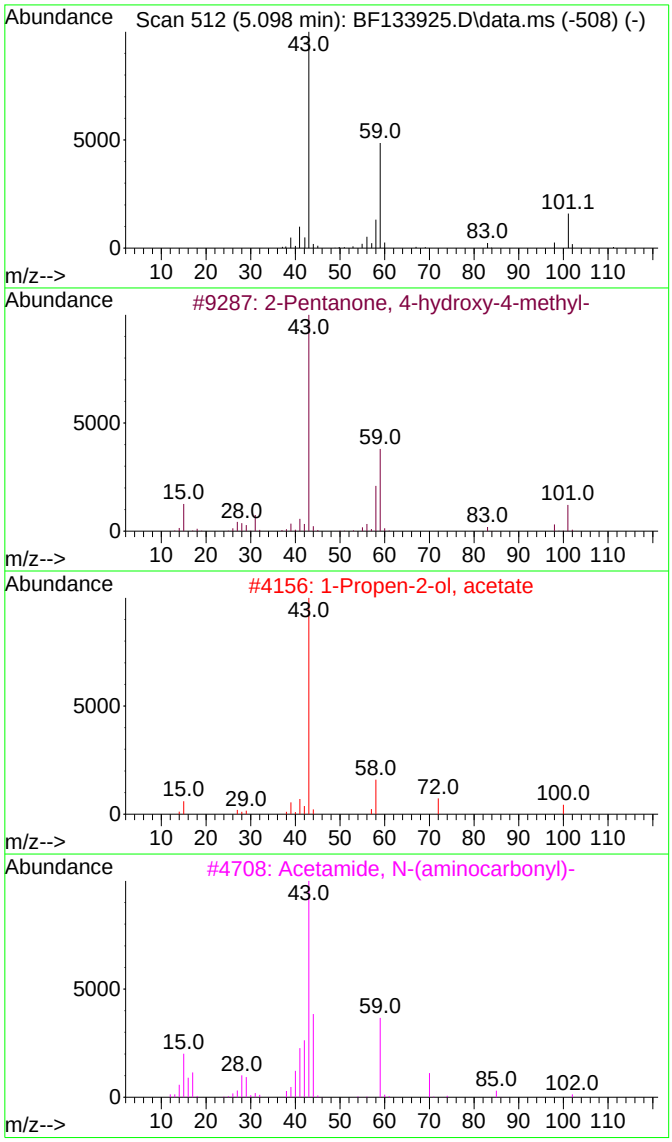
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

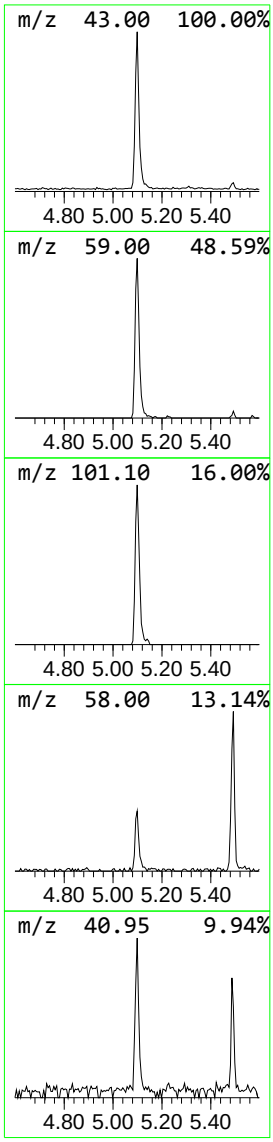
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	3.43 ng	112666	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	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	Ethanethioic acid, S-(dihydro-2,...	174	C6H6O4S	006953-60-2	9





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

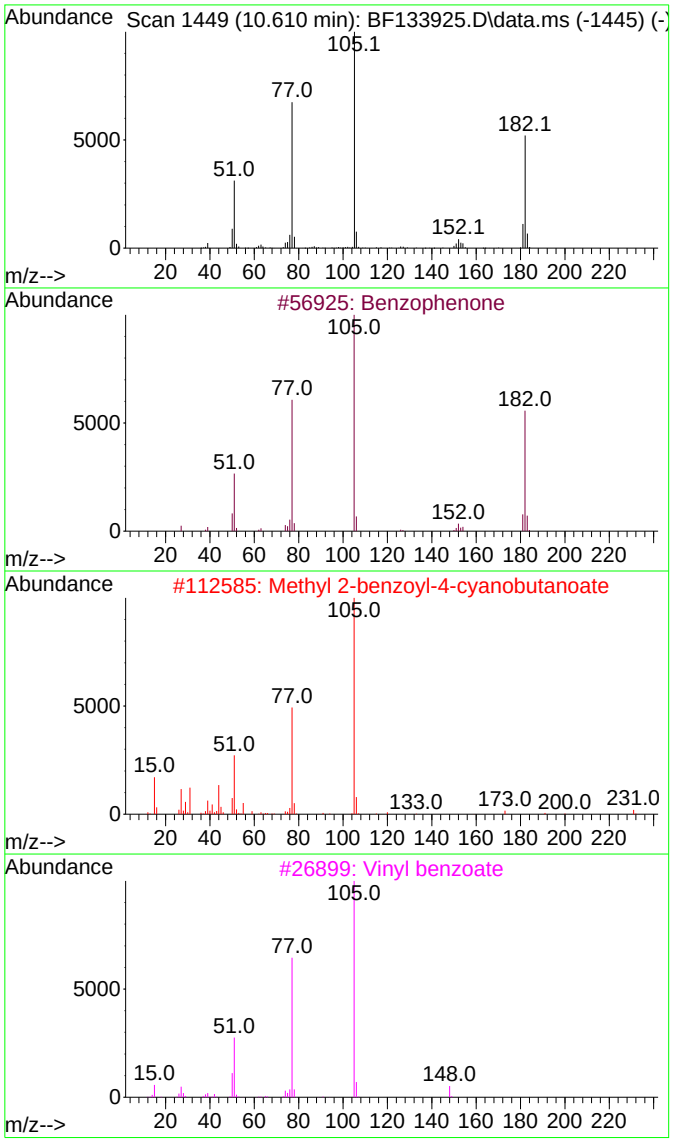
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

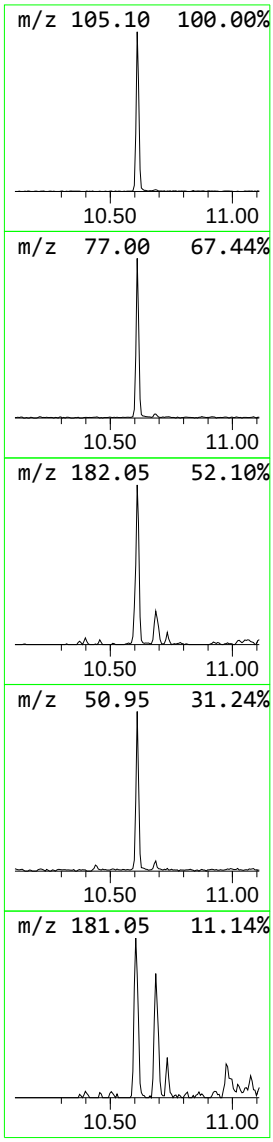
****

Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	6.64 ng	264760	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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

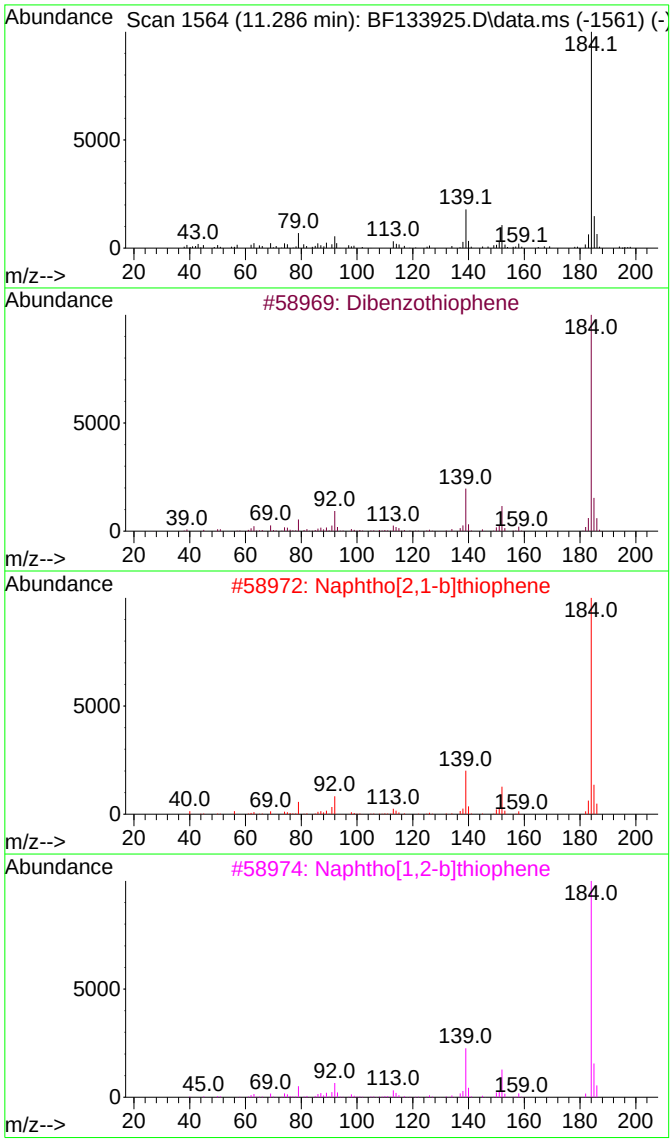
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

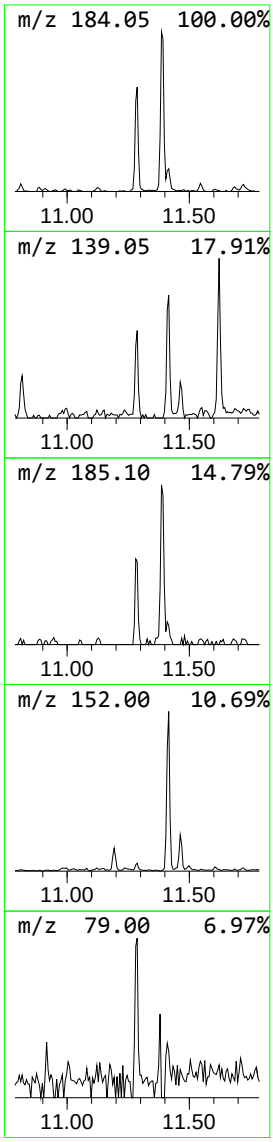
****

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.18 ng	75725	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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

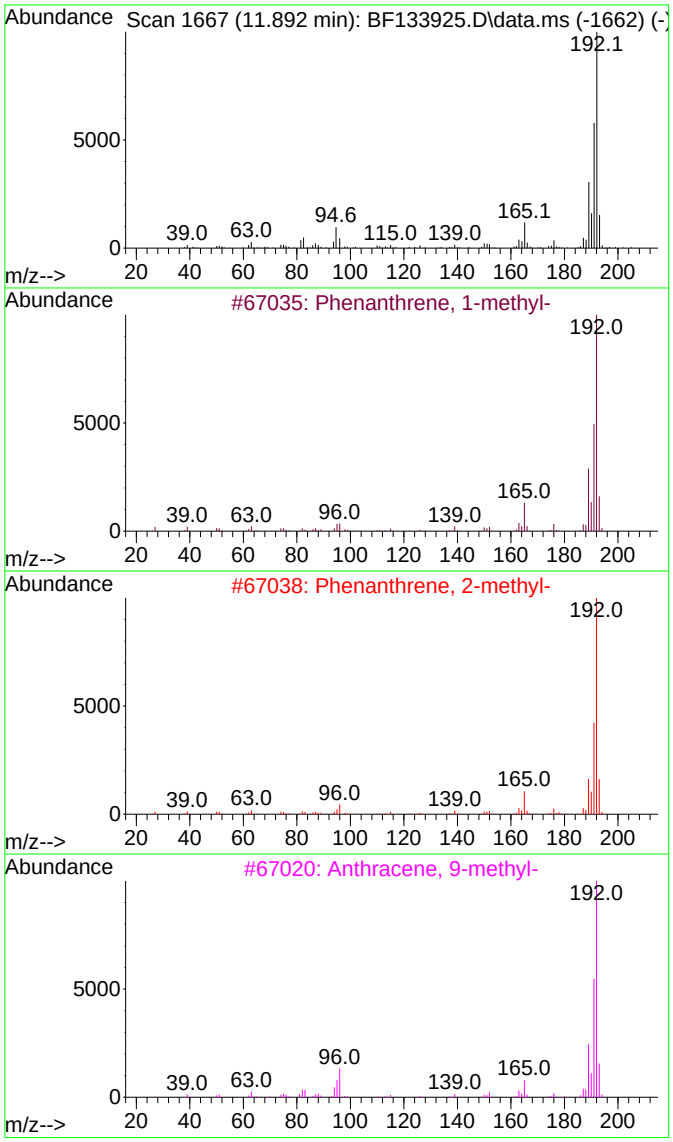
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

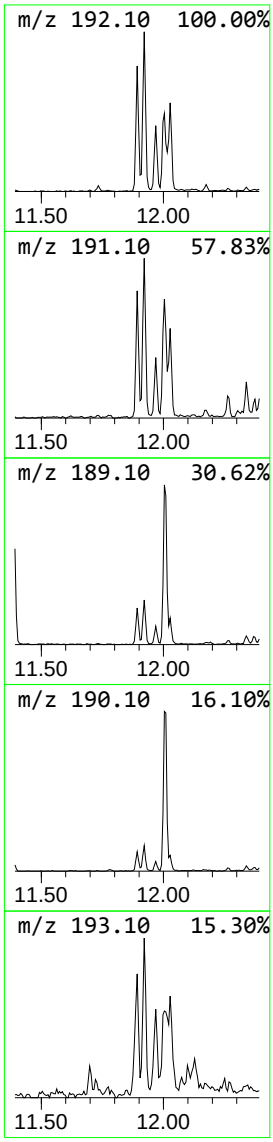
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.69 ng	163191	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

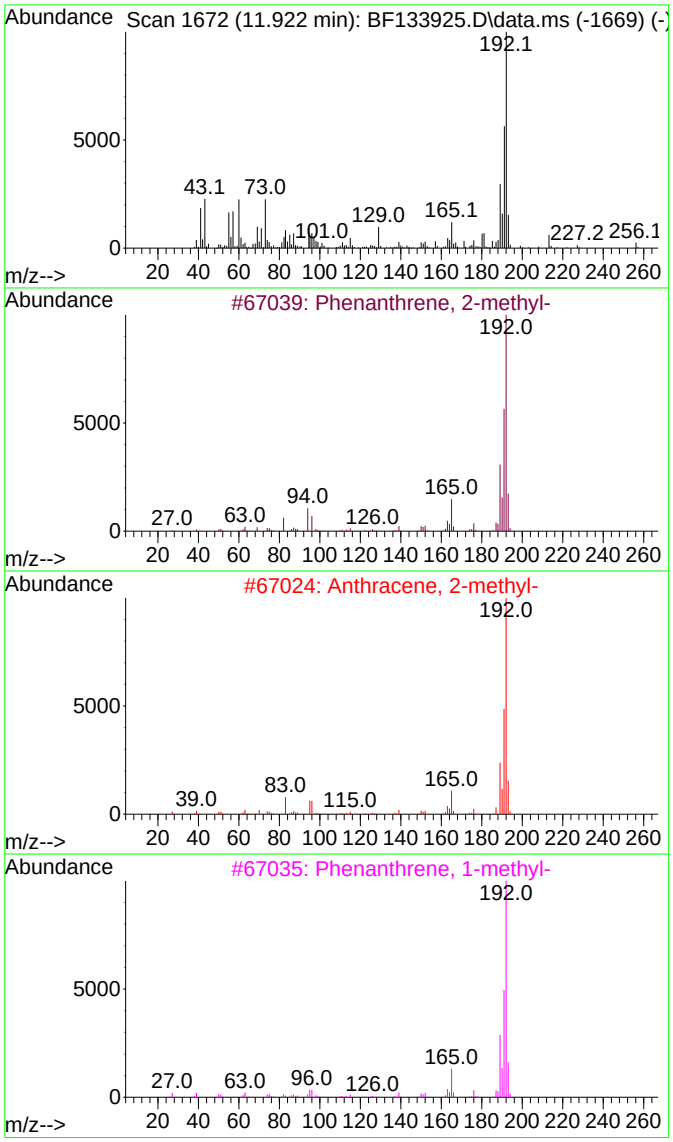
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

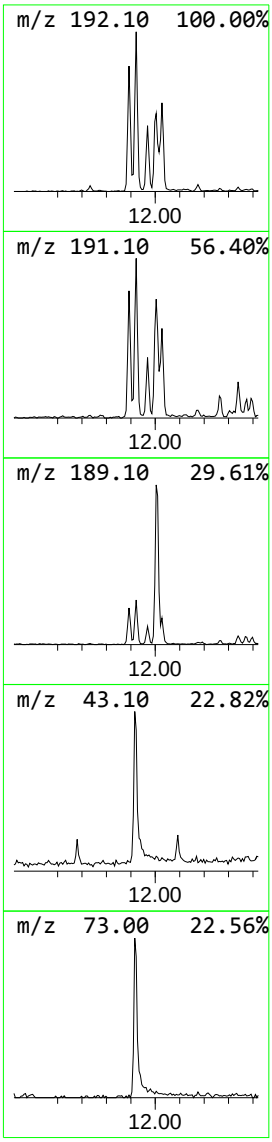
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	11.49 ng	399453	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
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ClientSampleId :
COMPOSIT-SW01-8-15

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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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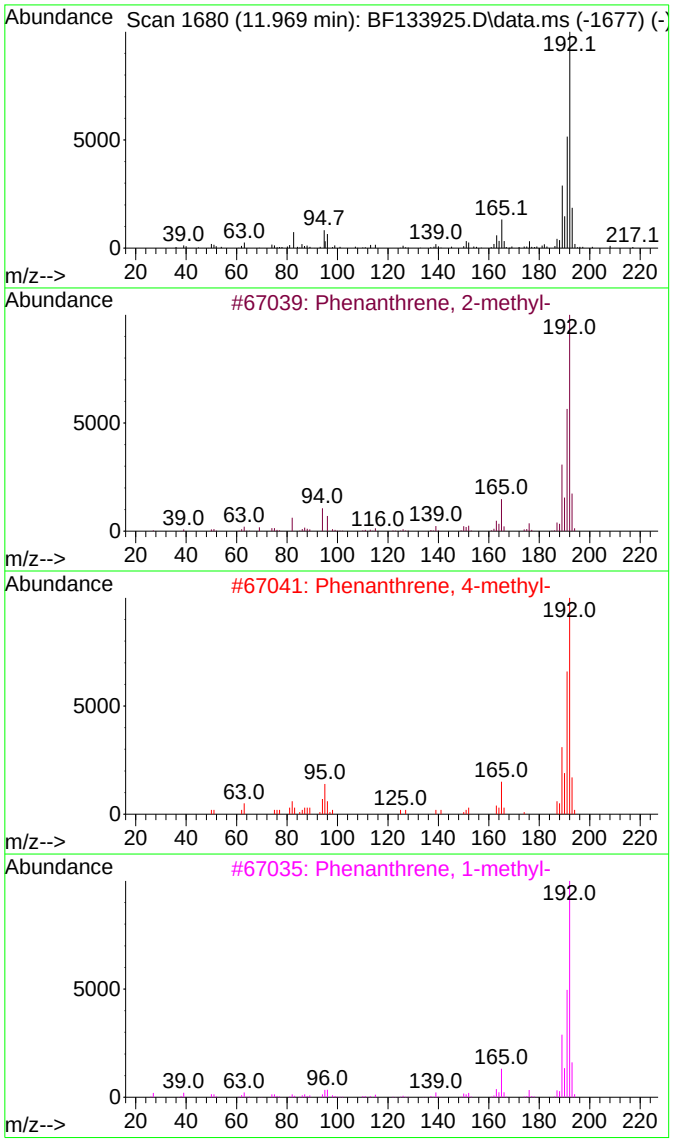
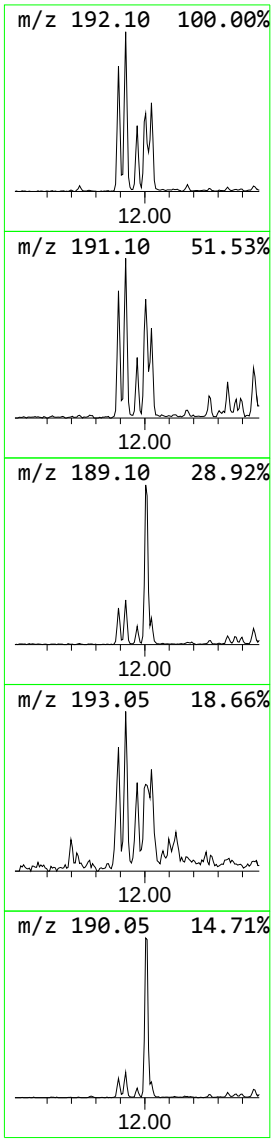
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.51 ng	87414	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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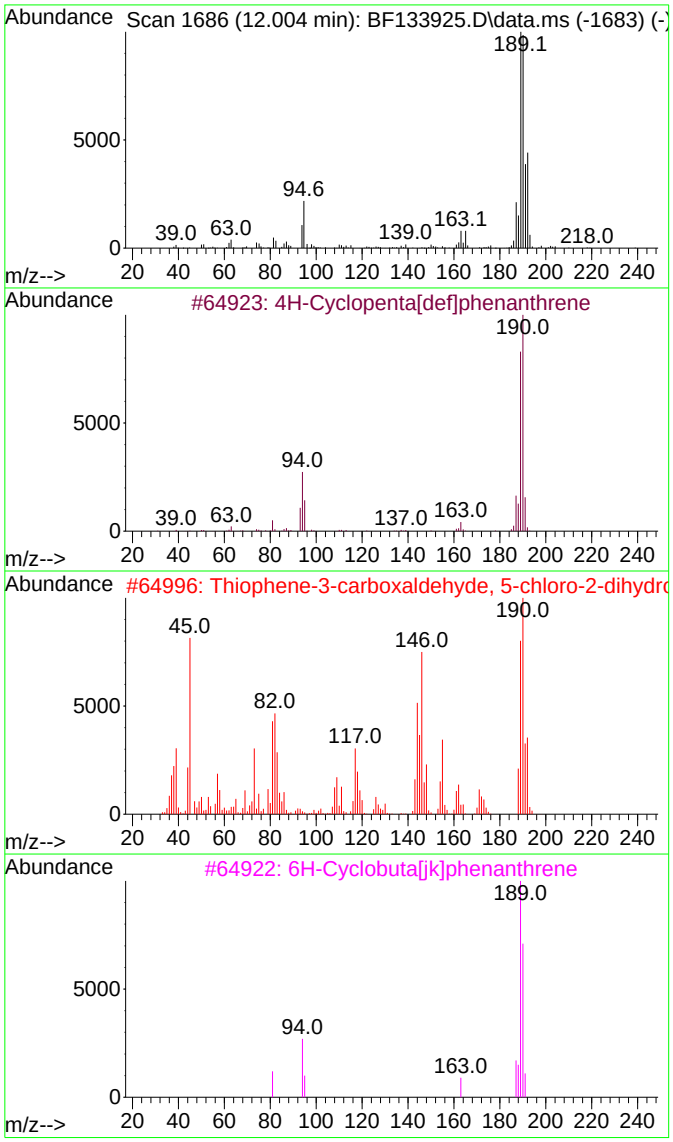
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

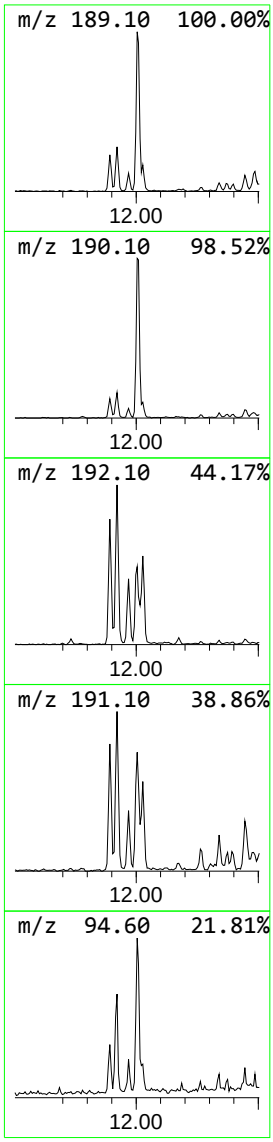
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	10.37 ng	360524	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	27





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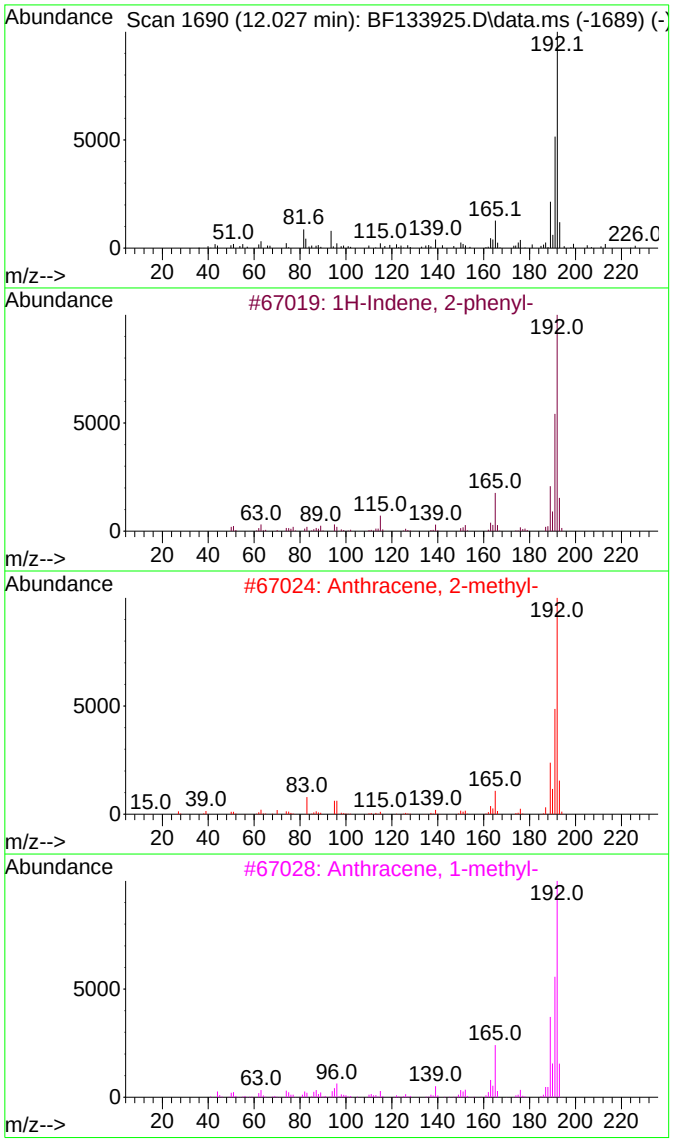
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

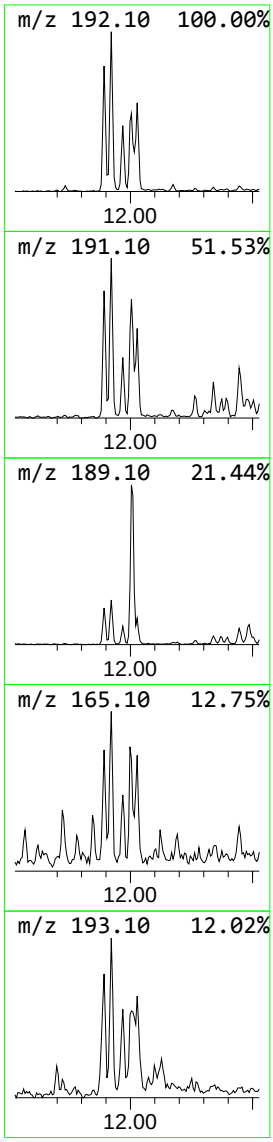
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	2.27 ng	78826	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74





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

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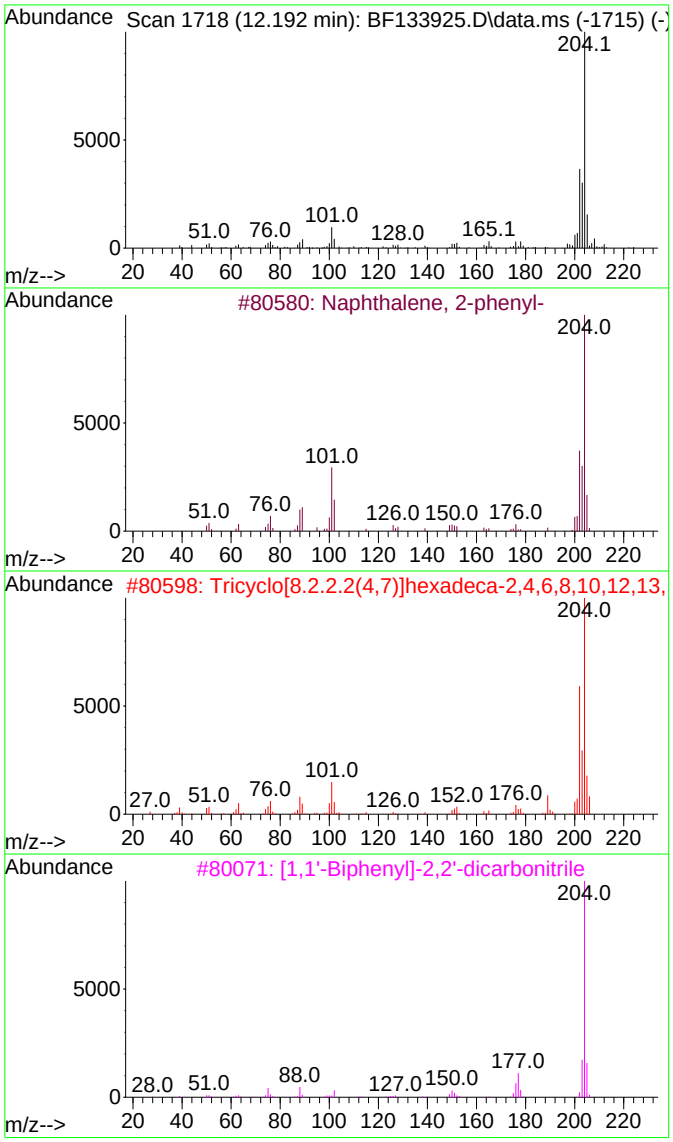
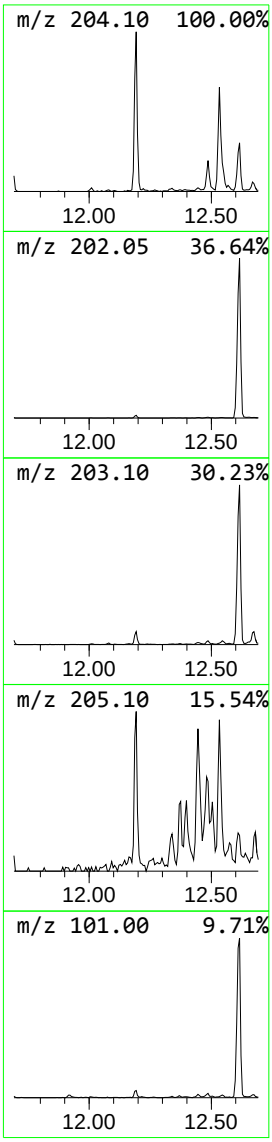
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.19 ng	111061	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	50
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50





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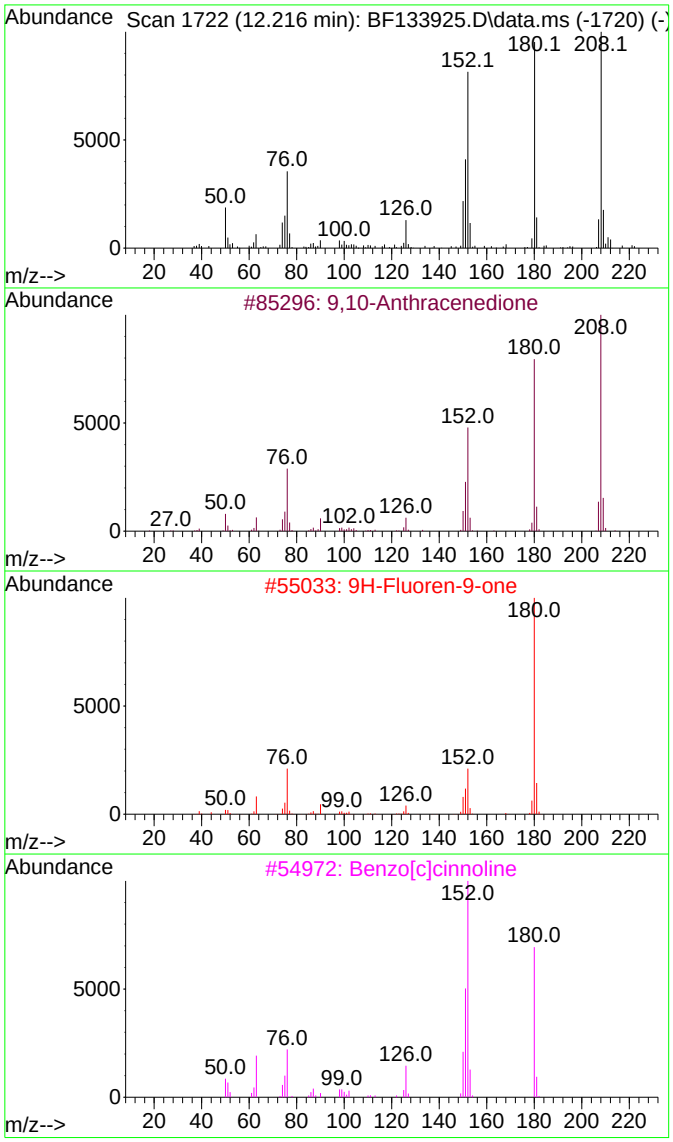
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

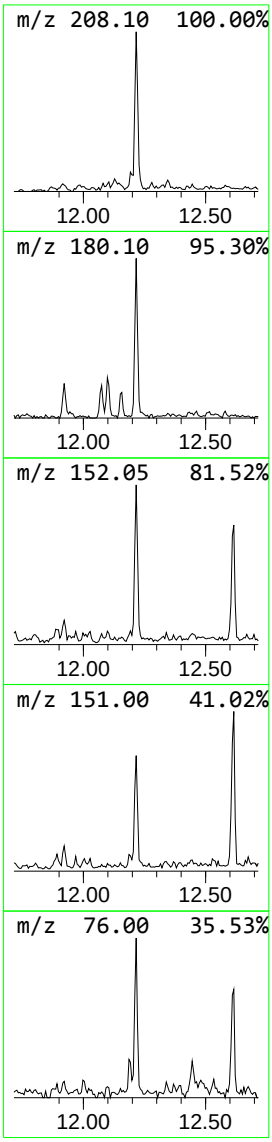
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.96 ng	102832	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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

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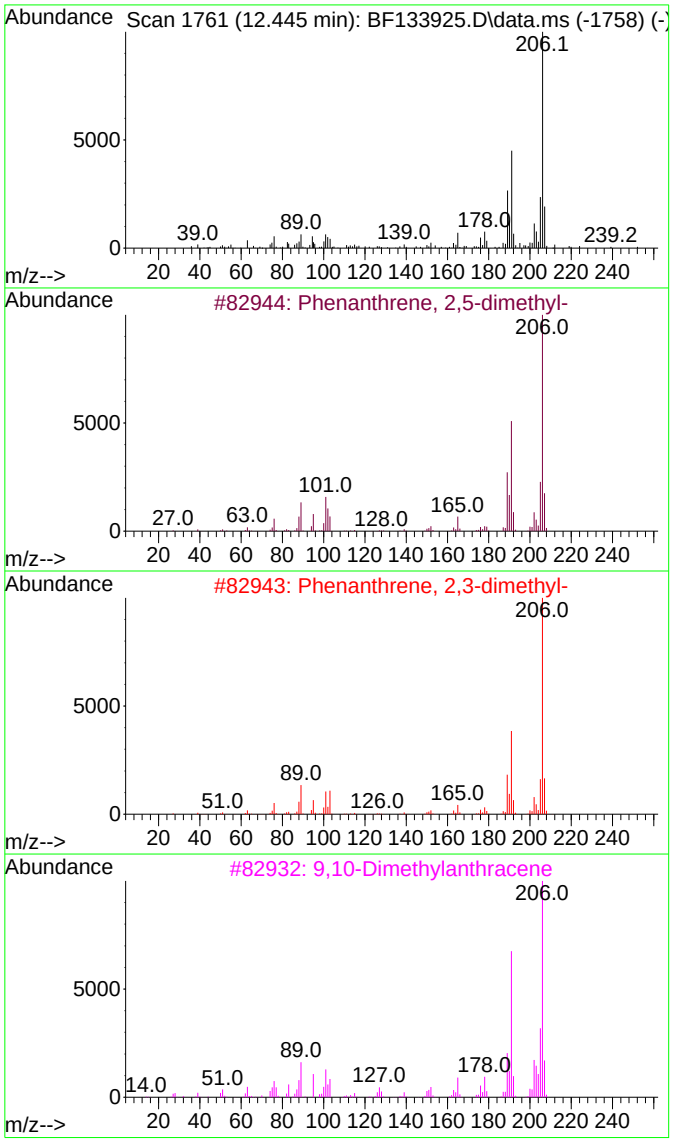
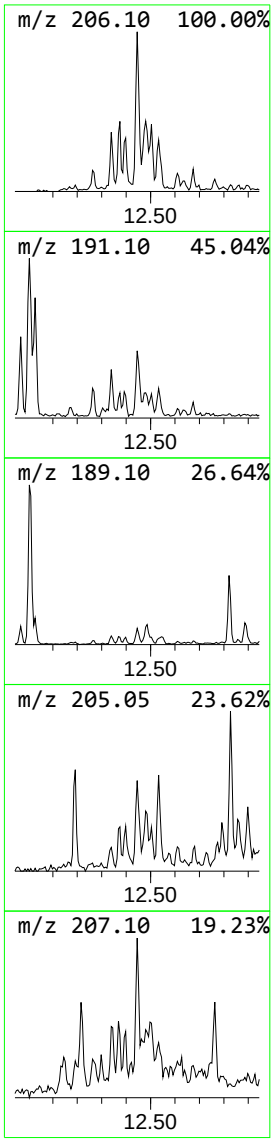
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.58 ng	124624	Phenanthrene-d10	11.386

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	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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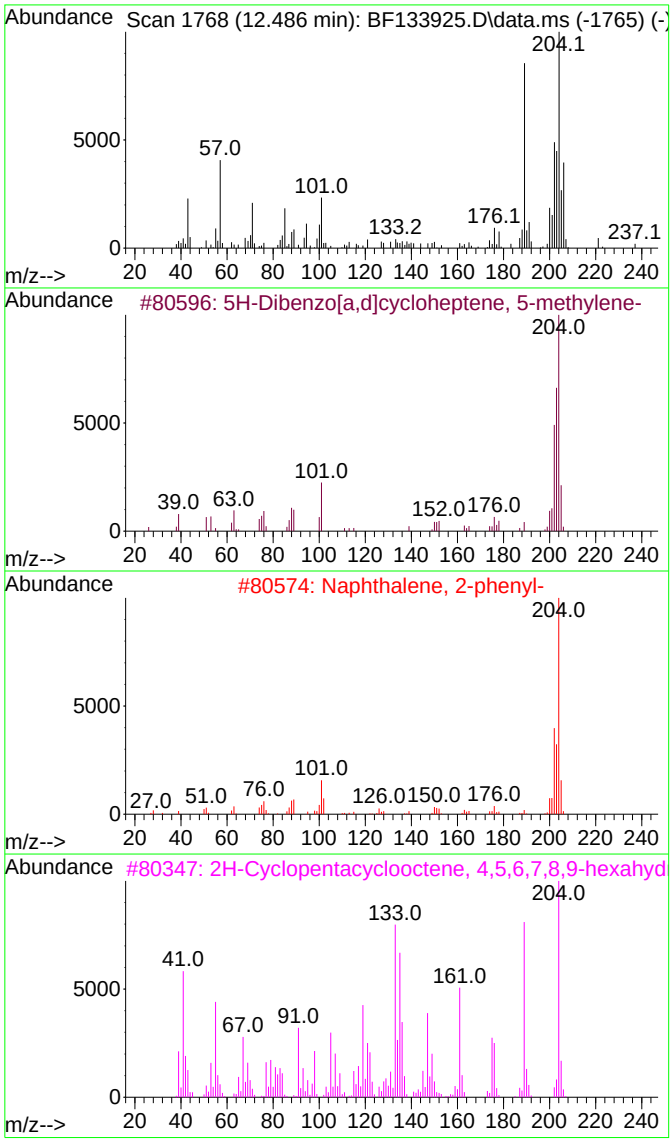
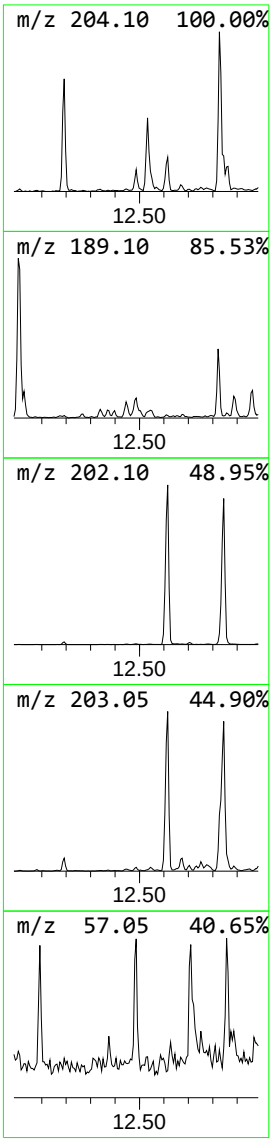
****

Peak Number 14 unknown12.486 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.00 ng	69692	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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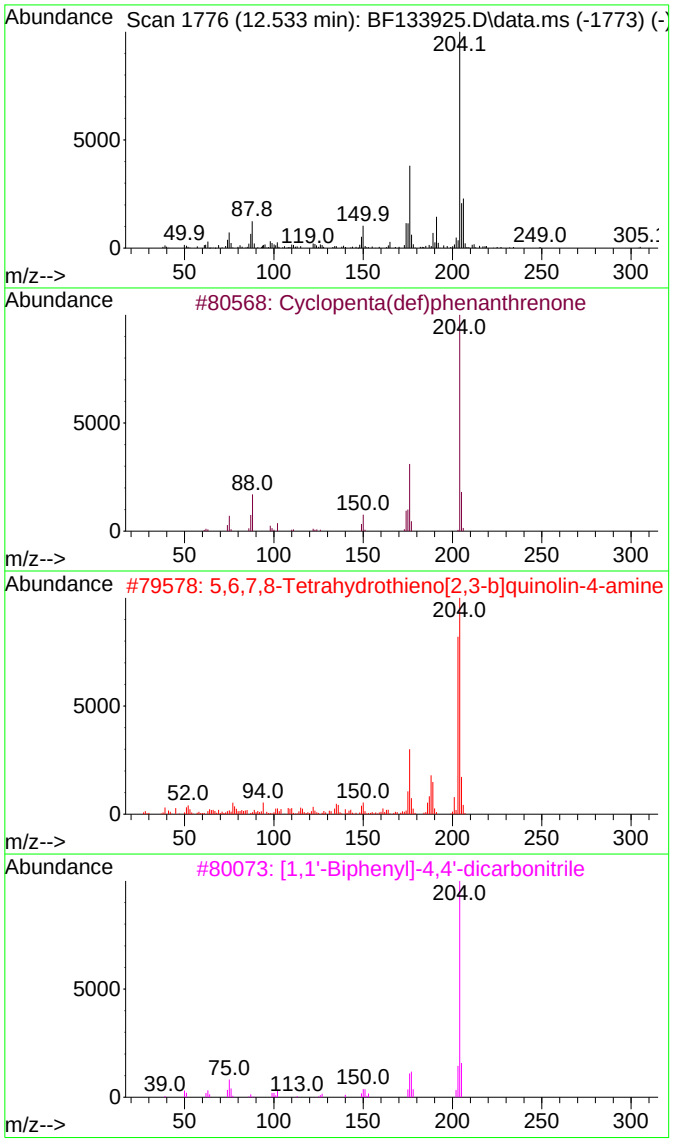
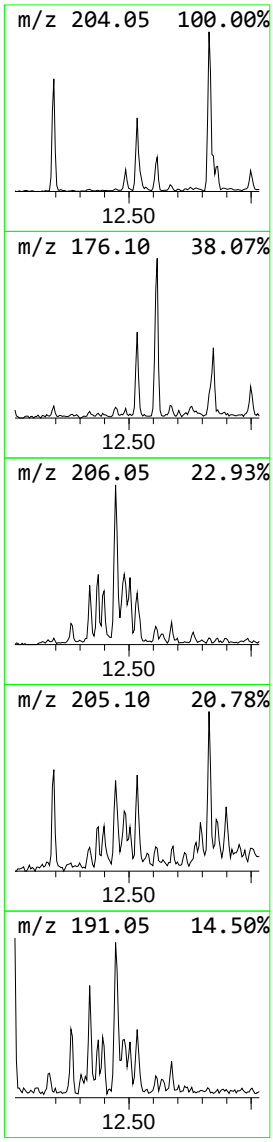
****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	3.58 ng	124541	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43





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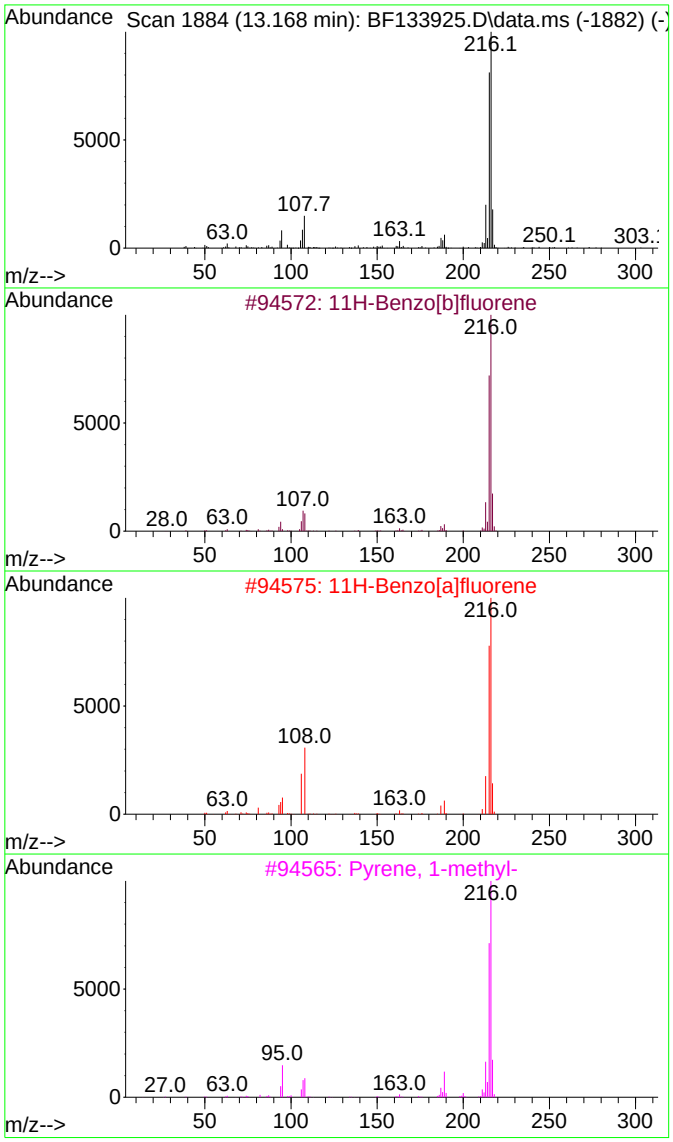
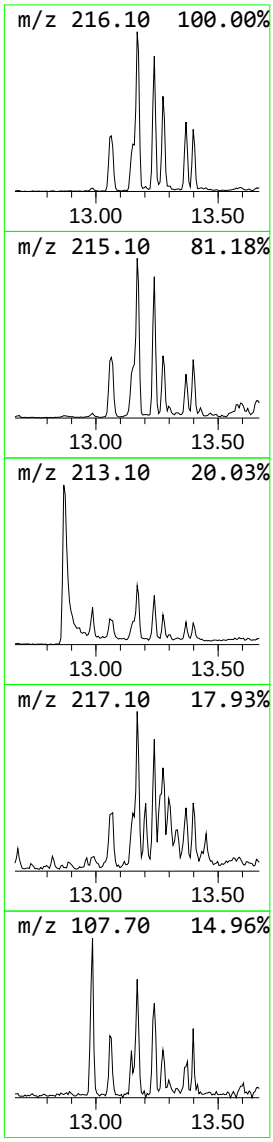
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.34 ng	279269	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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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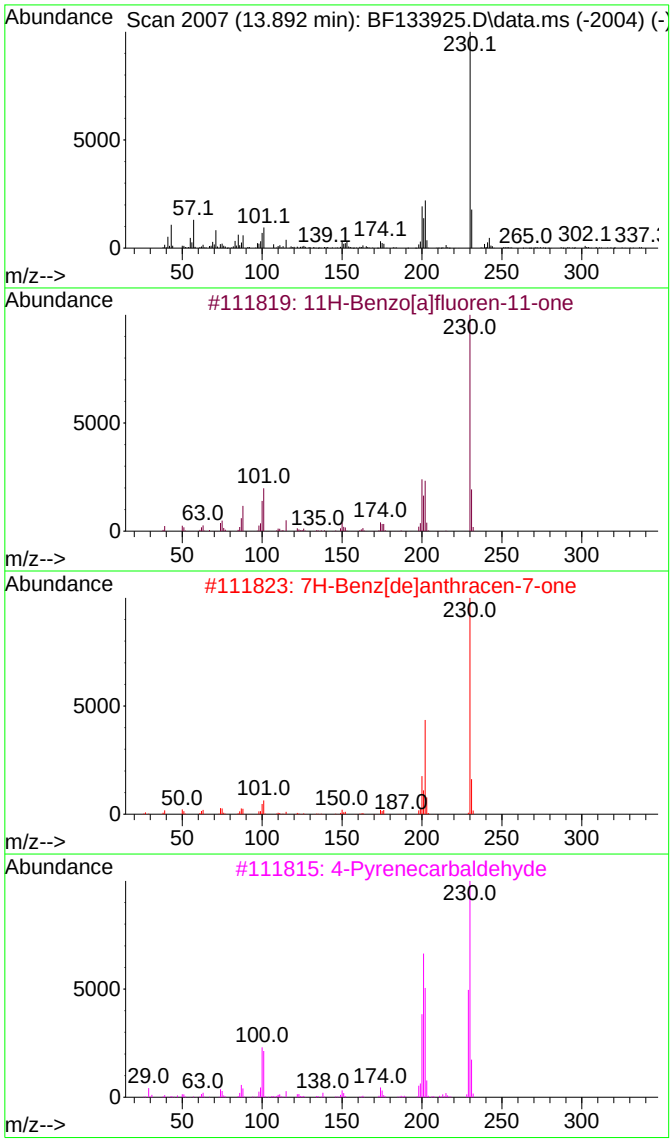
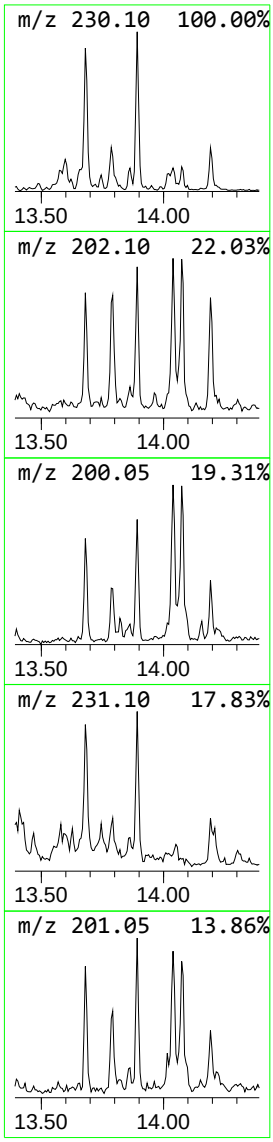
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.04 ng	244039	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	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59





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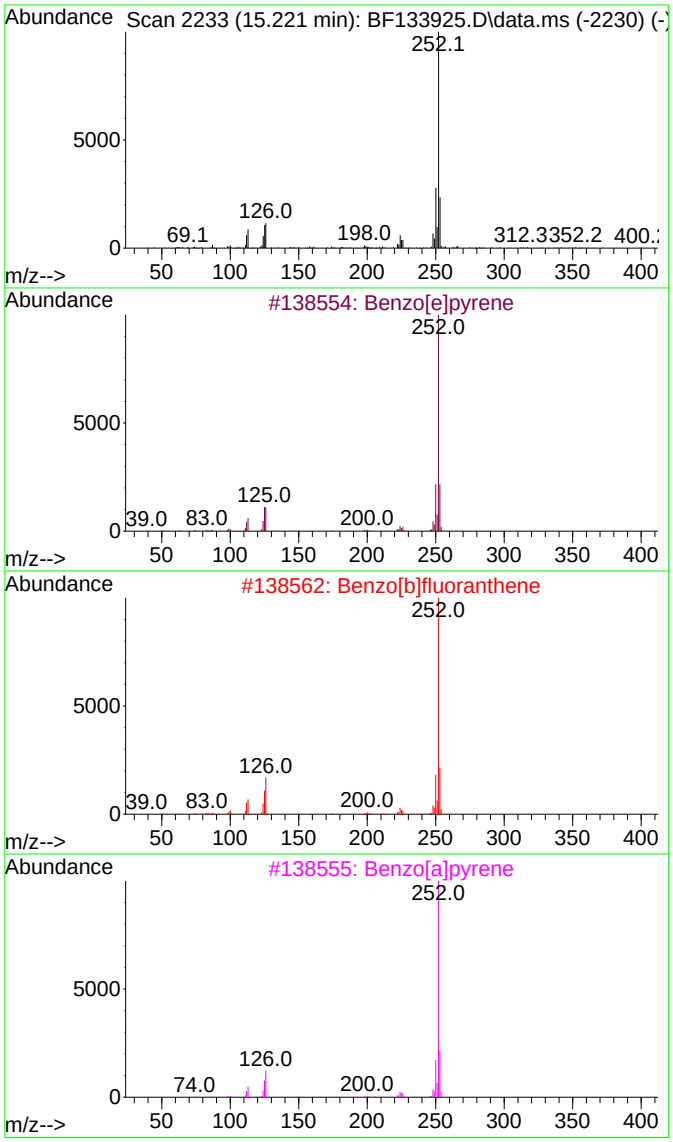
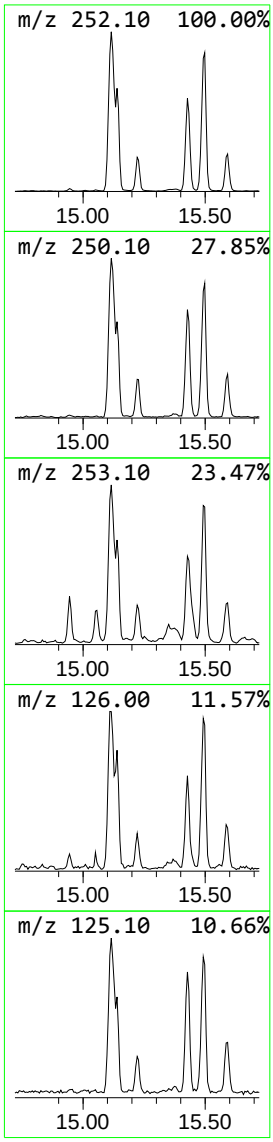
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	6.82 ng	173223	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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

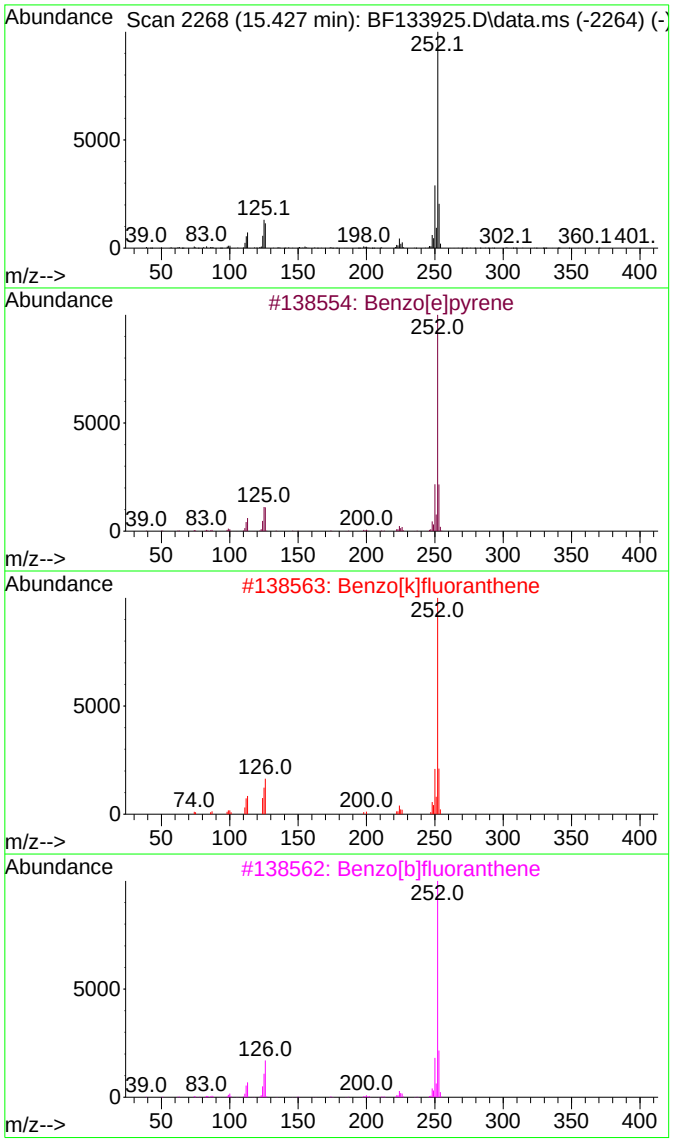
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

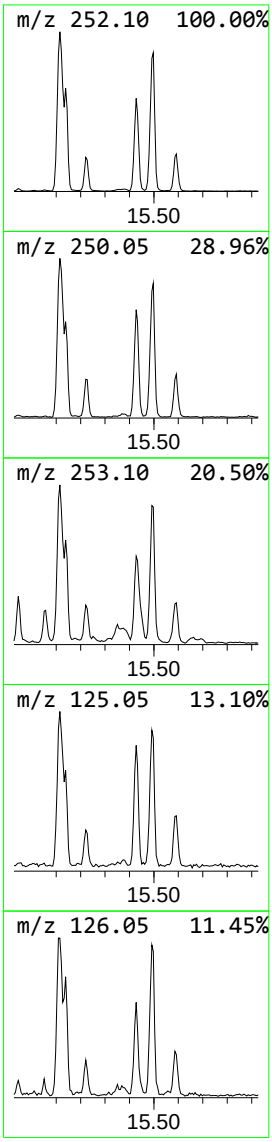
****

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	24.86 ng	631040	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133925.D
Acq On : 23 Jun 2023 04:10
Operator : CG\JU
Sample : 03329-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-8-15

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...	2.146	24.9	ng	819457	1	6.857	657844	20.0
2-Pentanone, 4-...	5.098	3.4	ng	112666	1	6.857	657844	20.0
Benzophenone	10.610	6.6	ng	264760	3	9.892	797812	20.0
Dibenzothiophene	11.286	2.2	ng	75725	4	11.386	695479	20.0
Phenanthrene, 1...	11.892	4.7	ng	163191	4	11.386	695479	20.0
Phenanthrene, 2...	11.922	11.5	ng	399453	4	11.386	695479	20.0
Phenanthrene, 4...	11.969	2.5	ng	87414	4	11.386	695479	20.0
4H-Cyclopenta[d...	12.004	10.4	ng	360524	4	11.386	695479	20.0
1H-Indene, 2-ph...	12.027	2.3	ng	78826	4	11.386	695479	20.0
Naphthalene, 2-...	12.192	3.2	ng	111061	4	11.386	695479	20.0
9,10-Anthracene...	12.216	3.0	ng	102832	4	11.386	695479	20.0
Phenanthrene, 2...	12.445	3.6	ng	124624	4	11.386	695479	20.0
unknown12.486	12.486	2.0	ng	69692	4	11.386	695479	20.0
Cyclopenta(def)...	12.533	3.6	ng	124541	4	11.386	695479	20.0
11H-Benzo[b]flu...	13.169	2.3	ng	279269	5	14.051	2390850	20.0
11H-Benzo[a]flu...	13.892	2.0	ng	244039	5	14.051	2390850	20.0
Benzo[e]pyrene	15.221	6.8	ng	173223	6	15.557	507747	20.0
Perylene	15.427	24.9	ng	631040	6	15.557	507747	20.0