LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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: BF133923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	7	13	21	rVB	708183	885466	32.45%	2.798%
2	2.275	28	32	39	rVB	37540	52379	1.92%	0.166%
3	5.098	508	512	520	rBV	96378	125990	4.62%	0.398%
4	5.493	574	579	582	rBV	2376737	2201465	80.68%	6.957%
5	6.492	744	749	752	rBV	2323197	2267634	83.11%	7.166%
6	6.857	807	811	817	rBV	727844	566730	20.77%	1.791%
7	7.422	902	907	910	rBV	1557182	1472684	53.97%	4.654%
8	8.134	1025	1028	1031	rBV	829019	750591	27.51%	2.372%
9	8.157	1031	1032	1037	rVB	256516	142893	5.24%	0.452%
10	8.851	1146	1150	1156	rBV	103080	87431	3.20%	0.276%
11	8.945	1162	1166	1170	rBV	64069	60331	2.21%	0.191%
12	9.216	1208	1212	1215	rBV	3373633	2728565	100.00%	8.623%
13	9.475	1253	1256	1261	rBV3	31080	41958	1.54%	0.133%
14	9.551	1266	1269	1271	rBV	51247	47475	1.74%	0.150%
15	9.751	1301	1303	1307	rVB	40717	36934	1.35%	0.117%
16	9.892	1324	1327	1330	rBV	914841	762524	27.95%	2.410%
17	9.928	1330	1333	1336	rVB	231848	182323	6.68%	0.576%
18	10.098	1358	1362	1366	rBV	159699	138570	5.08%	0.438%
19	10.445	1417	1421	1427	rVB	269123	229768	8.42%	0.726%
20	10.610	1445	1449	1453	rVB2	193067	183449	6.72%	0.580%
21	10.686	1458	1462	1468	rBV	1938972	1720487	63.05%	5.437%
22	10.810	1479	1483	1486	rVB4	29125	43186	1.58%	0.136%
23	10.998	1508	1515	1517	rBV2	48052	71514	2.62%	0.226%
24	11.122	1531	1536	1538	rBV3	27748	33174	1.22%	0.105%
25	11.192	1545	1548	1551	rVB	45510	39473	1.45%	0.125%
26	11.233	1552	1555	1557	rVV2	30877	39402	1.44%	0.125%
27	11.280	1560	1563	1569	rVB	89333	93392	3.42%	0.295%
28	11.392	1578	1582	1583	rBV	766601	734911	26.93%	2.322%
29	11.416	1583	1586	1589	rVV	1569012	1307547	47.92%	4.132%
30	11.463	1589	1594	1597	rVB	423224	359198	13.16%	1.135%
31	11.622	1615	1621	1628	rBV	149534	180732	6.62%	0.571%
32	11.892	1661	1667	1669	rBV	164315	147610	5.41%	0.466%
33	11.922	1669	1672	1676	rVV	411587	406063	14.88%	1.283%
34	11.969	1677	1680	1683	rVV	93819	94163	3.45%	0.298%
35	12.004	1683	1686	1689	rVV	262736	297415	10.90%	0.940%
36	12.027	1689	1690	1695	rVB	99716	60656	2.22%	0.192%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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	12.192	1714	1718	1720	rBV	101773	91544	3.36%	0.289%
38	12.216	1720	1722	1725	rVB	63351	51295	1.88%	0.162%
39	12.339	1738	1743	1745	rBV2	40108	39770	1.46%	0.126%
40	12.445	1757	1761	1764	rBV	67407	76082	2.79%	0.240%
41	12.480	1764	1767	1770	rVV2	46400	60161	2.20%	0.190%
42	12.533	1773	1776	1781	rVB2	54019	64540	2.37%	0.204%
43	12.610	1785	1789	1793	rBV	1586044	1440615	52.80%	4.553%
44	12.710	1803	1806	1808	rBV3	46966	50505	1.85%	0.160%
45	12.763	1812	1815	1818	rVV	52558	63867	2.34%	0.202%
46	12.839	1822	1828	1834	rVV2	1262320	1427480	52.32%	4.511%
47	12.886	1834	1836	1842	rVB2	68132	76103	2.79%	0.241%
48	12.986	1849	1853	1859	rVB	2385131	2140785	78.46%	6.765%
49	13.063	1860	1866	1869	rBV3	74918	131780	4.83%	0.416%
50	13.145	1877	1880	1882	rBV3	64500	86124	3.16%	0.272%
51	13.168	1882	1884	1888	rVB	215221	192619	7.06%	0.609%
52	13.239	1893	1896	1898	rVV	200009	175428	6.43%	0.554%
53	13.274	1898	1902	1904	rVV2	118152	137788	5.05%	0.435%
54	13.298	1904	1906	1909	rVB	50344	47369	1.74%	0.150%
55	13.368	1915	1918	1920	rBV2	50953	43981	1.61%	0.139%
56	13.398	1920	1923	1927	rBV2	58632	67708	2.48%	0.214%
57	13.657	1964	1967	1969	rBV2	32823	39545	1.45%	0.125%
58	13.680	1969	1971	1975	rVB	71583	78362	2.87%	0.248%
59	13.792	1986	1990	1993	rBV3	97035	119003	4.36%	0.376%
60	13.821	1993	1995	1997	rVV	99110	81262	2.98%	0.257%
61	13.845	1997	1999	2000	rVV	78592	62565	2.29%	0.198%
62	13.892	2004	2007	2015	rVV3	97931	183347	6.72%	0.579%
63	14.045	2025	2033	2036	rBV2	886068	1405074	51.49%	4.440%
64	14.074	2036	2038	2044	rVB	608908	520388	19.07%	1.645%
65	14.151	2048	2051	2054	rBV	128778	104954	3.85%	0.332%
66	14.433	2095	2099	2102	rBV	111649	121061	4.44%	0.383%
67	14.468	2102	2105	2109	rVB2	60383	58397	2.14%	0.185%
68	14.527	2113	2115	2118	rVV2	62968	74800	2.74%	0.236%
69	14.563	2118	2121	2122	rVV	74508	71427	2.62%	0.226%
70	14.580	2122	2124	2127	rVB2	81648	79236	2.90%	0.250%
71	14.757	2150	2154	2156	rBV2	44015	57686	2.11%	0.182%
72	15.110	2209	2214	2217	rBV	544116	832108	30.50%	2.630%
73	15.186	2225	2227	2230	rBV3	36805	41431	1.52%	0.131%
74	15.221	2230	2233	2236	rVB	104783	110327	4.04%	0.349%
75	15.421	2263	2267	2274	rVB	293011	429953	15.76%	1.359%
76	15.492	2274	2279	2285	rVB	441356	572045	20.97%	1.808%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

77	15.557	2285	2290	2293	rBV	391987	532059	19.50%	1.681%
78	15.586	2293	2295	2302	rVB2	130366	178446	6.54%	0.564%
79	16.057	2372	2375	2380	rVB4	37842	51313	1.88%	0.162%
80	17.098	2546	2552	2563	rVB2	159900	343509	12.59%	1.086%
81	17.292	2581	2585	2590	rVB2	28398	49956	1.83%	0.158%
82	17.568	2626	2632	2644	rVB2	108107	248086	9.09%	0.784%
83	17.809	2669	2673	2682	rVB	59592	137263	5.03%	0.434%

Sum of corrected areas: 31643230

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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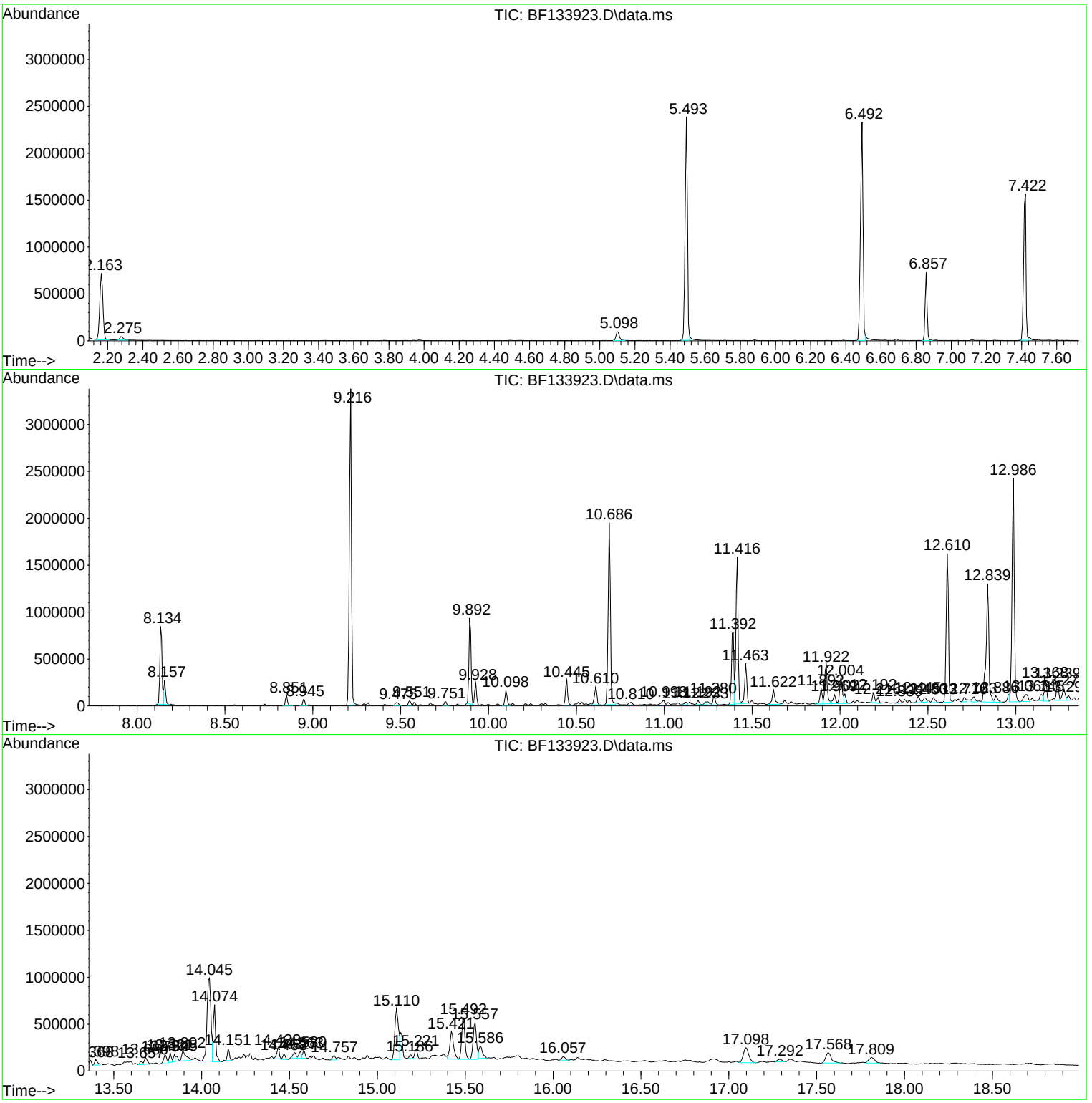
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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 : BF133923.D
Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
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Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

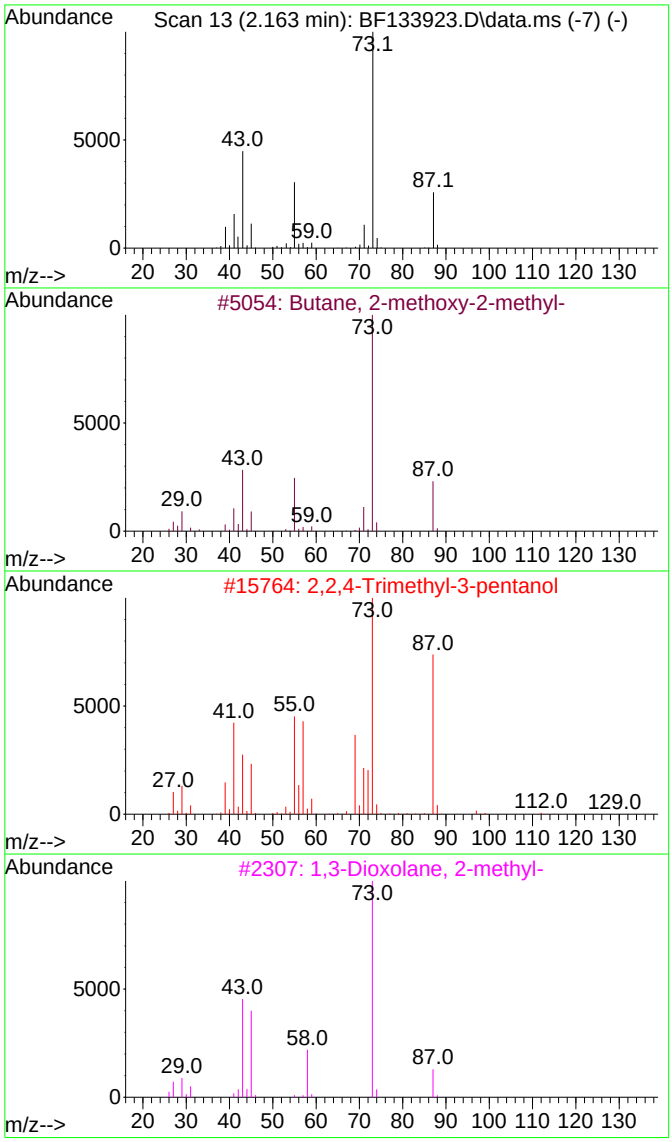
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

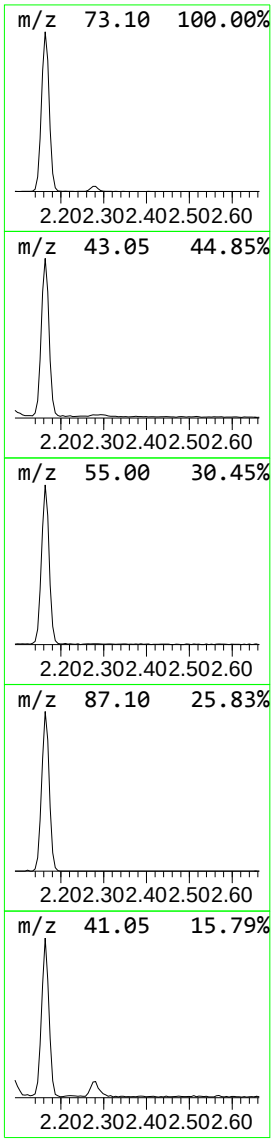
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	31.25 ng	885466	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

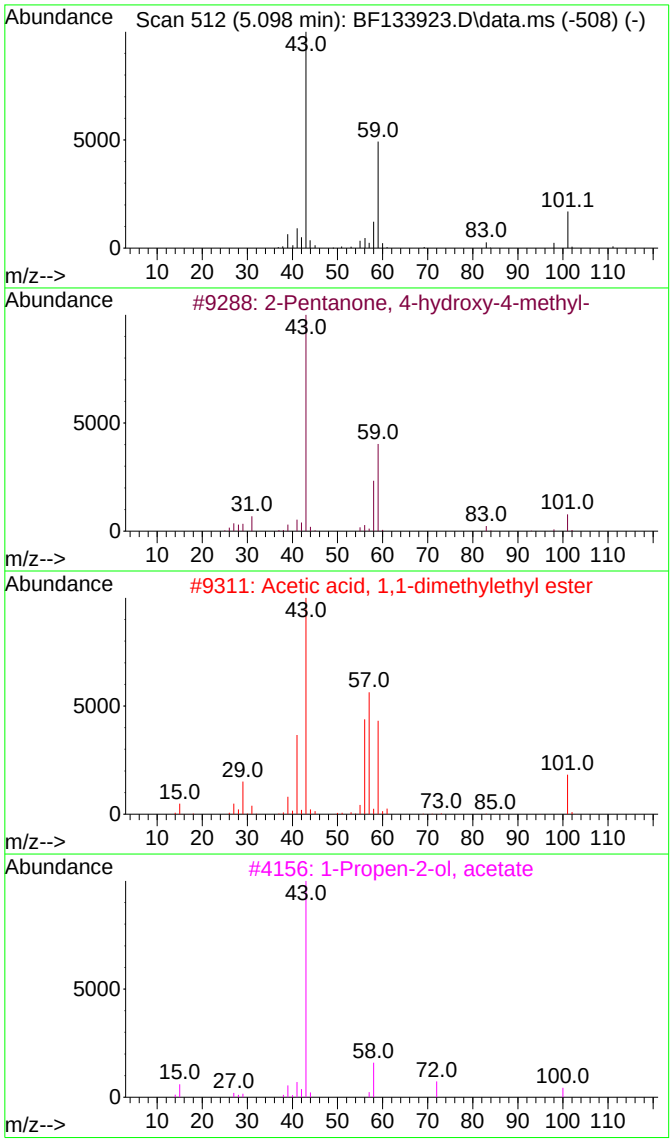
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

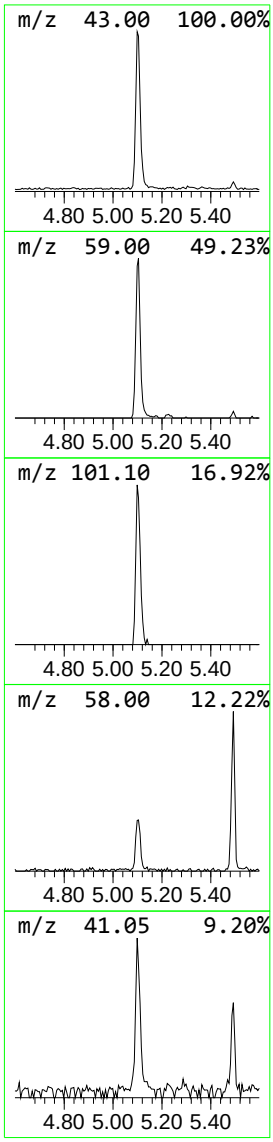
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	4.45 ng	125990	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	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
Acq On : 23 Jun 2023 03:05
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BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

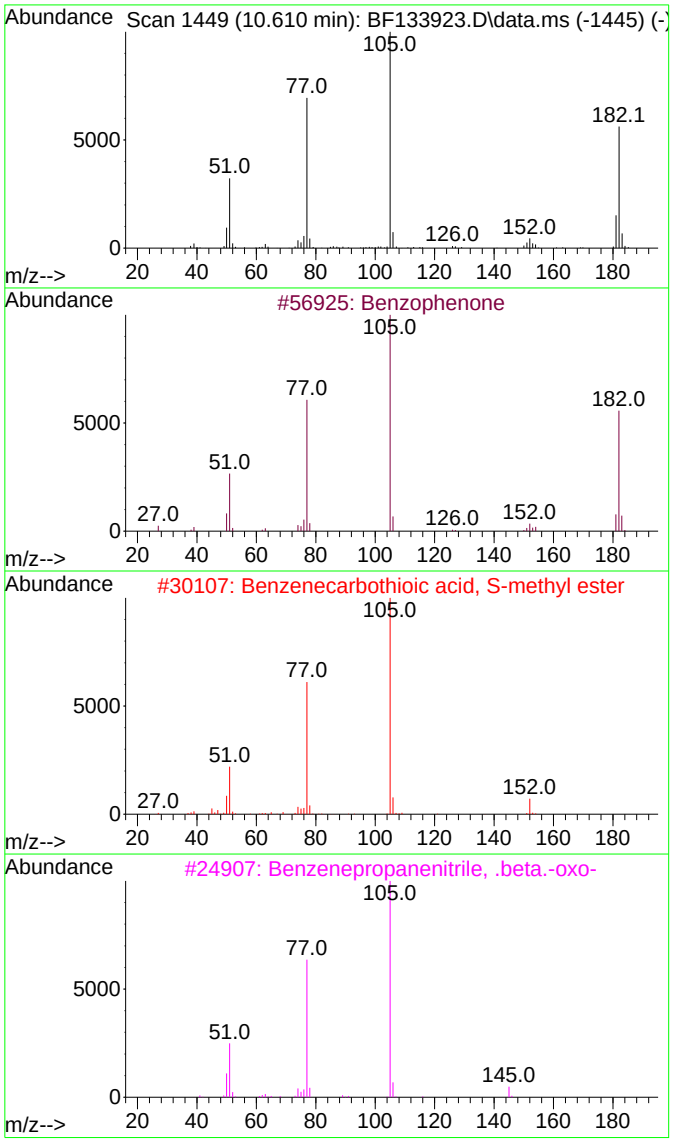
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

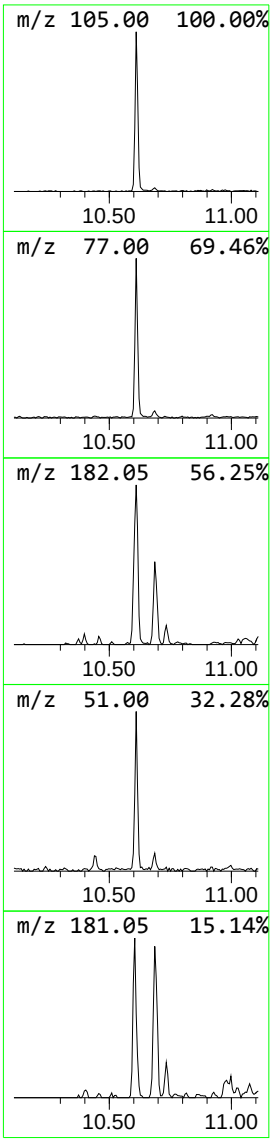
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.81 ng	183449	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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Sample : 03328-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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

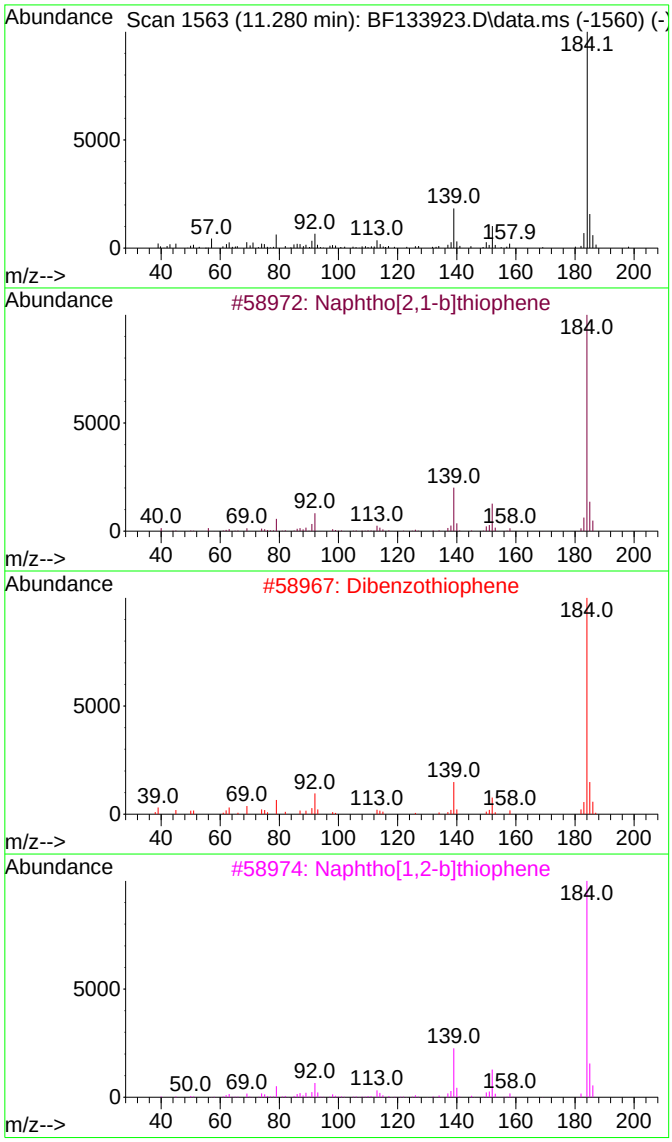
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

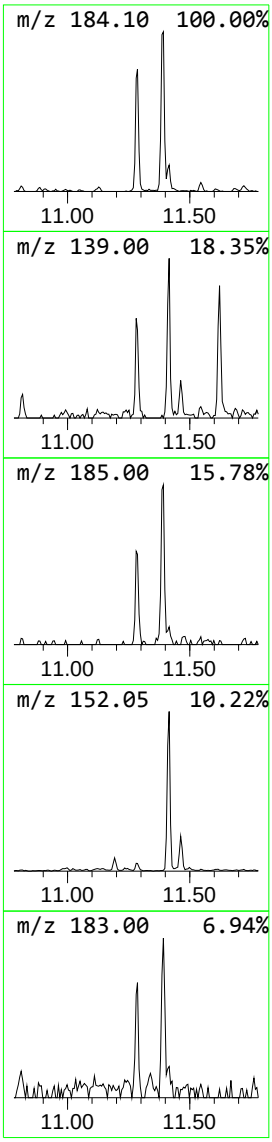
****

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	2.54 ng	93392	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

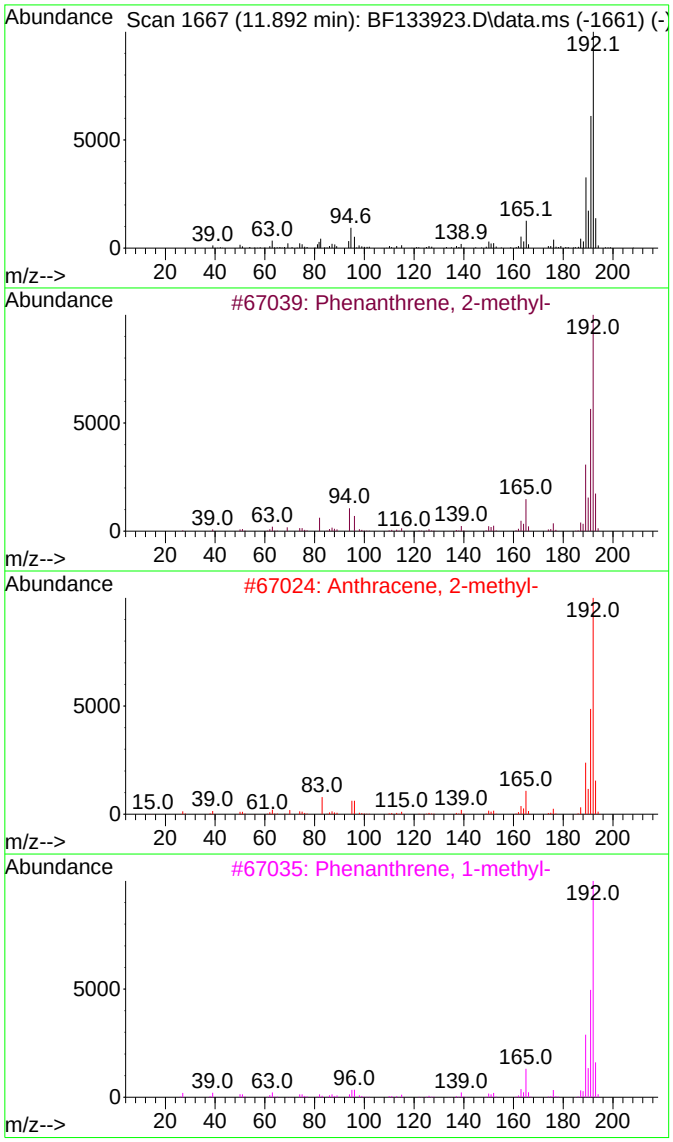
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

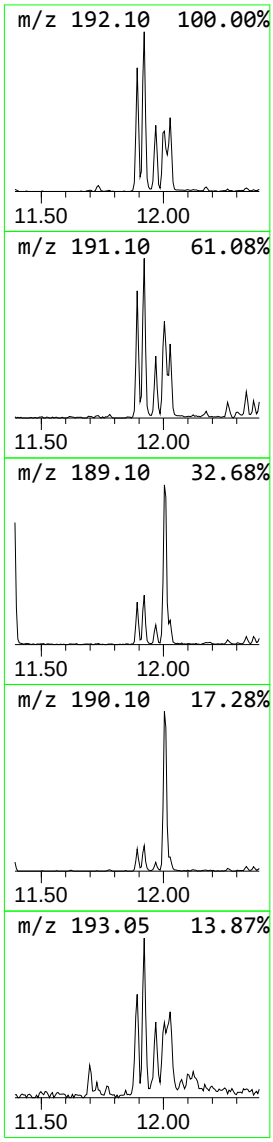
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.02 ng	147610	Phenanthrene-d10	11.392

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

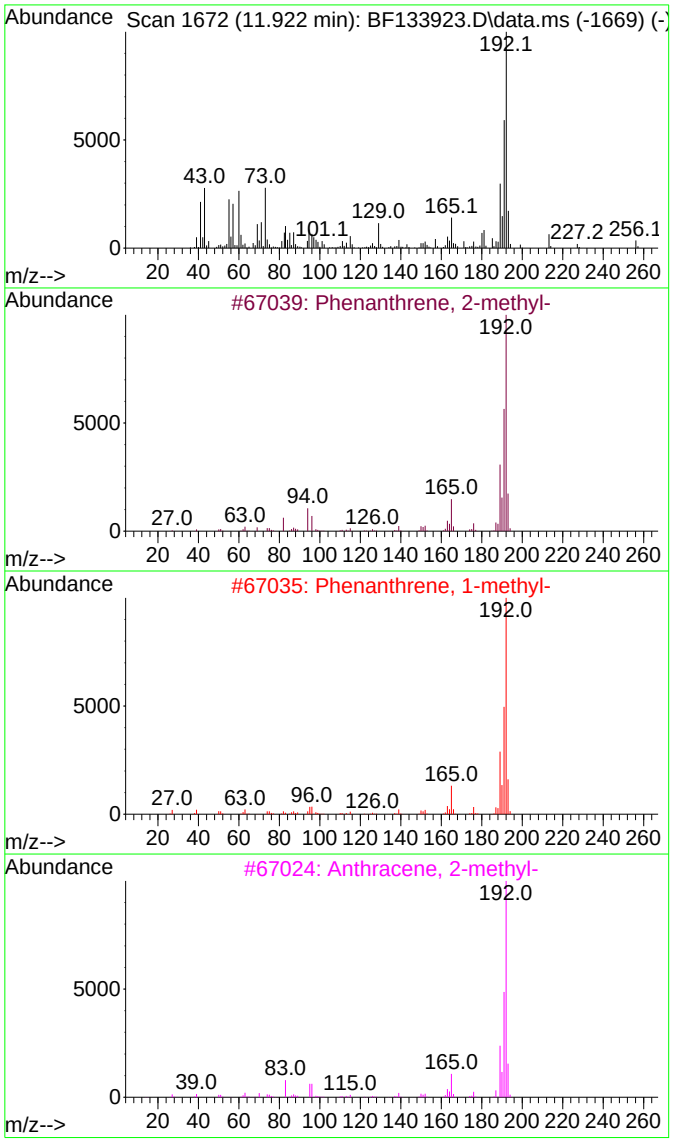
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

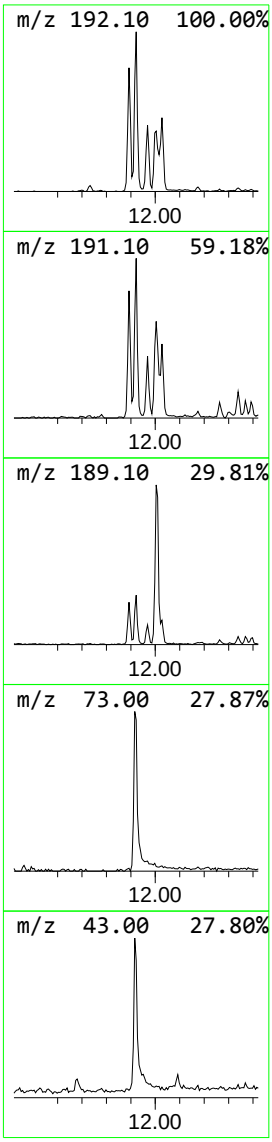
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	11.05 ng	406063	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





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Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

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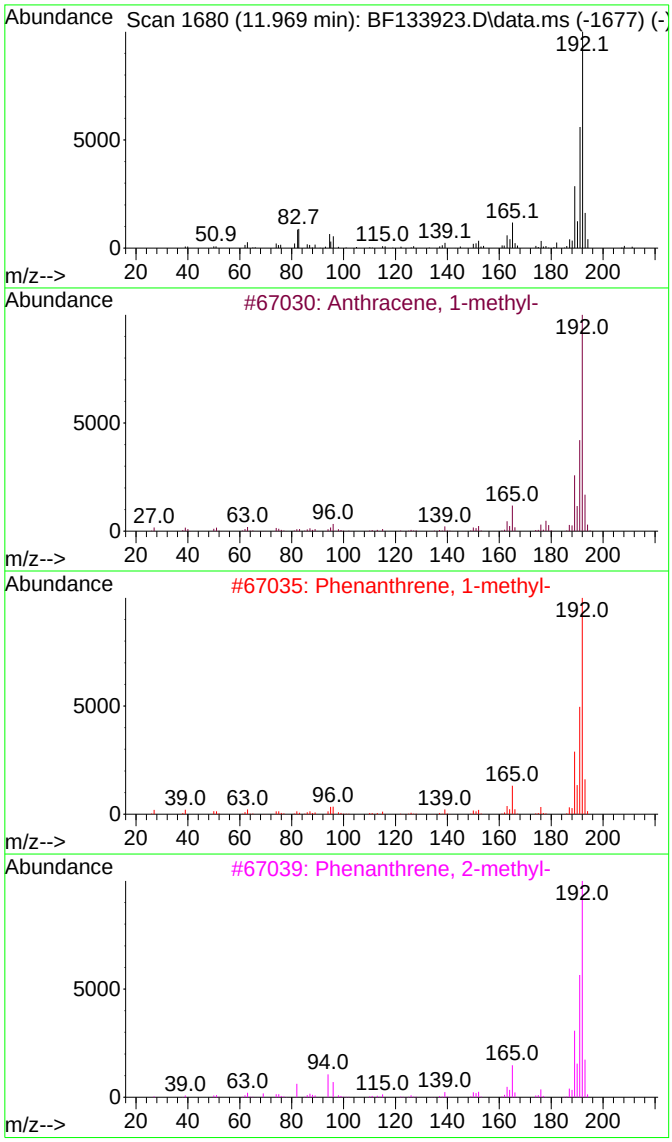
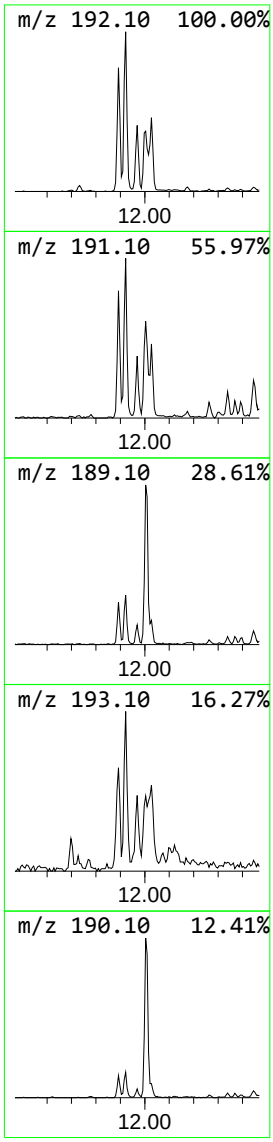
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.56 ng	94163	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SW02-8-15

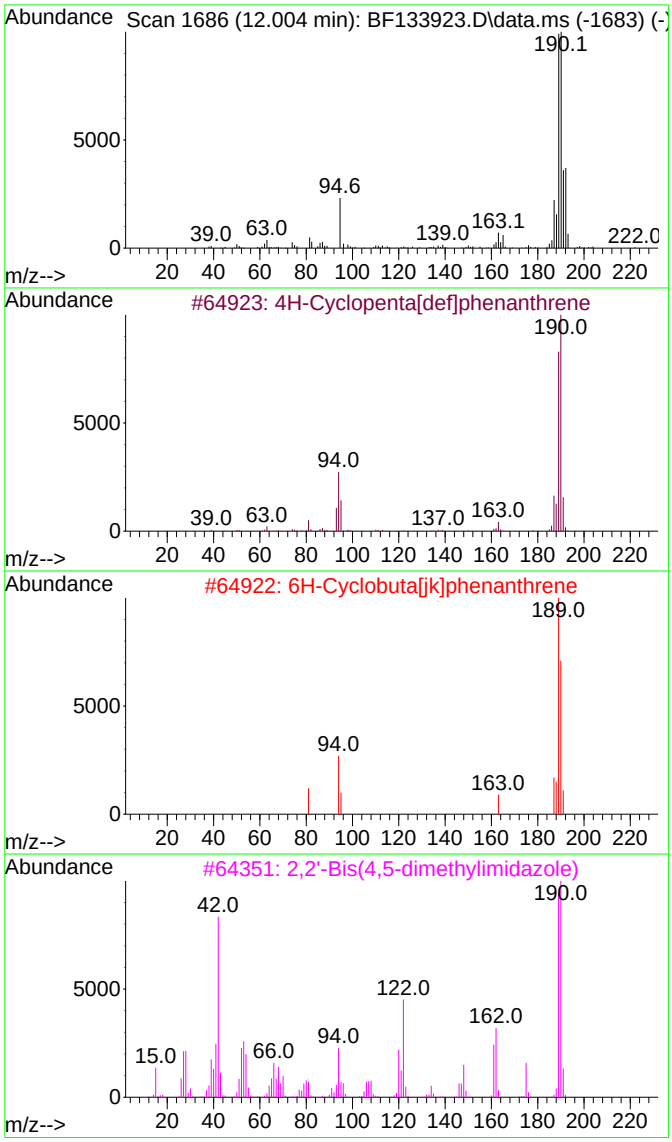
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

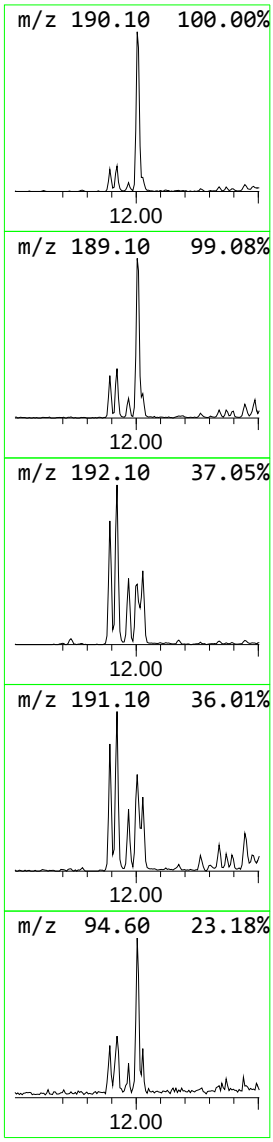
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	8.09 ng	297415	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





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Operator : CG\JU
Sample : 03328-01
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Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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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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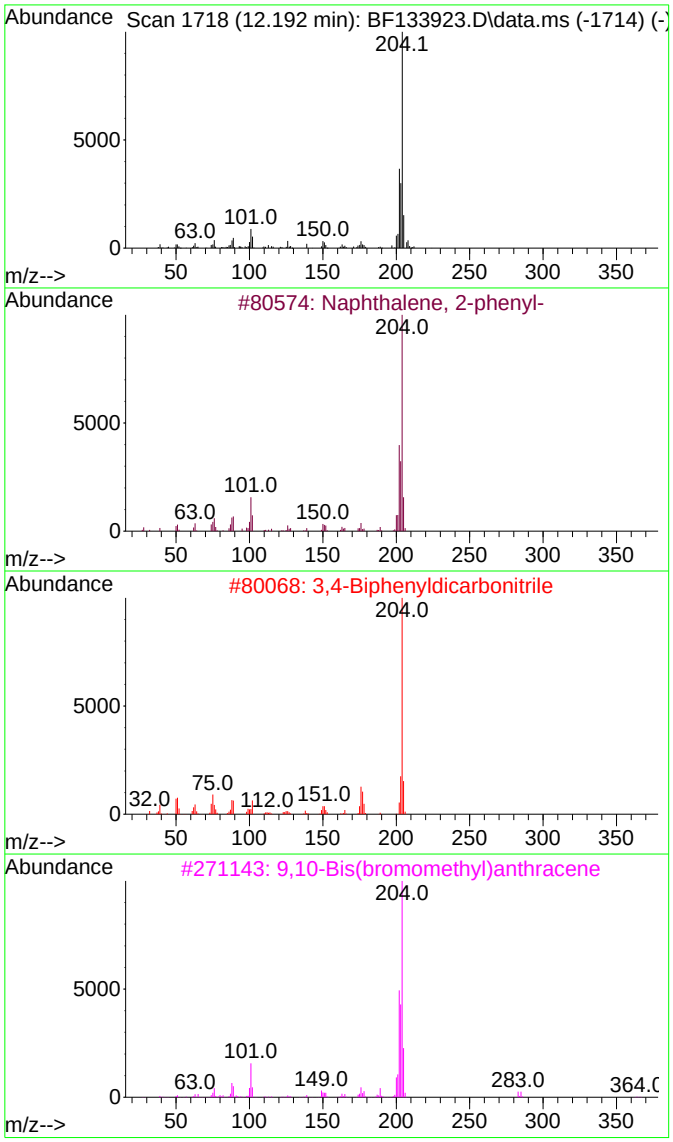
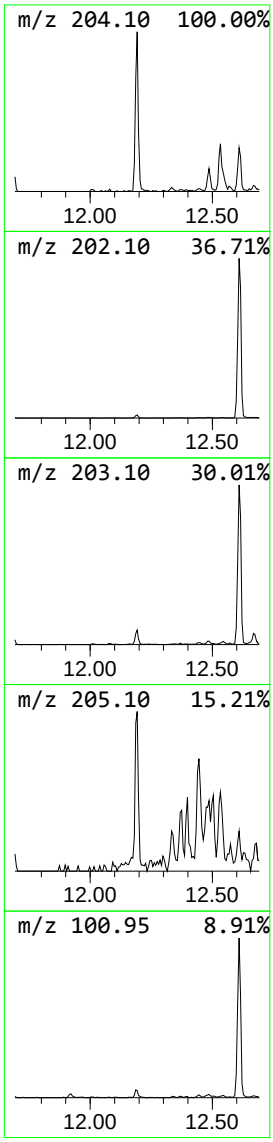
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	2.49 ng	91544	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52





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Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

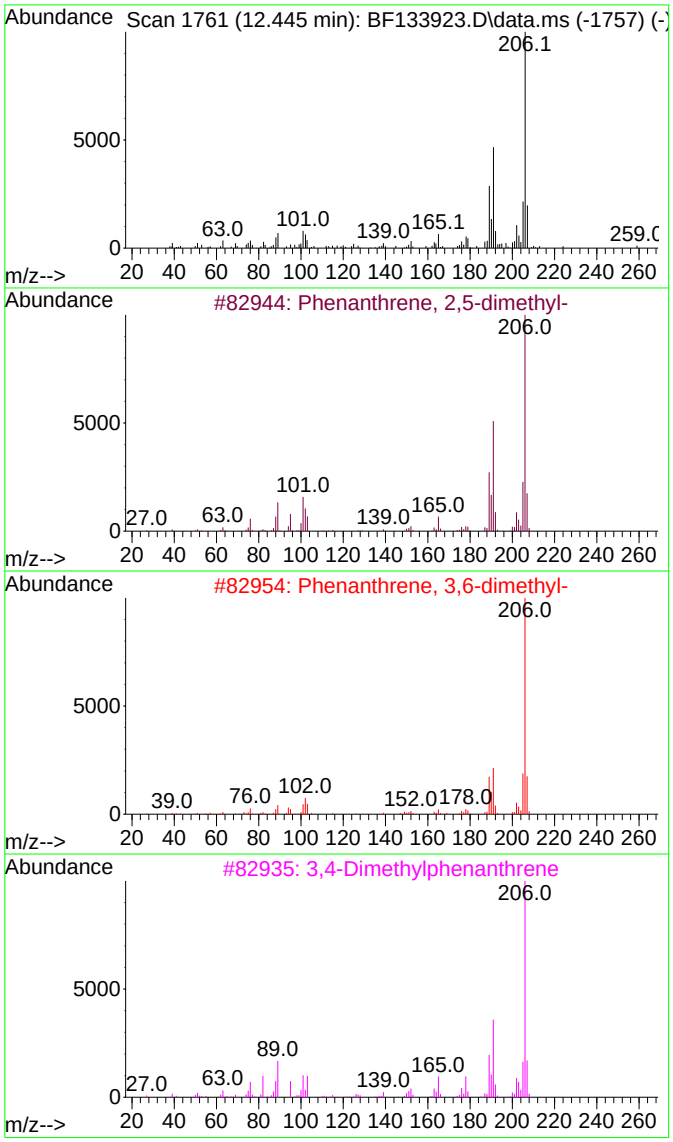
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

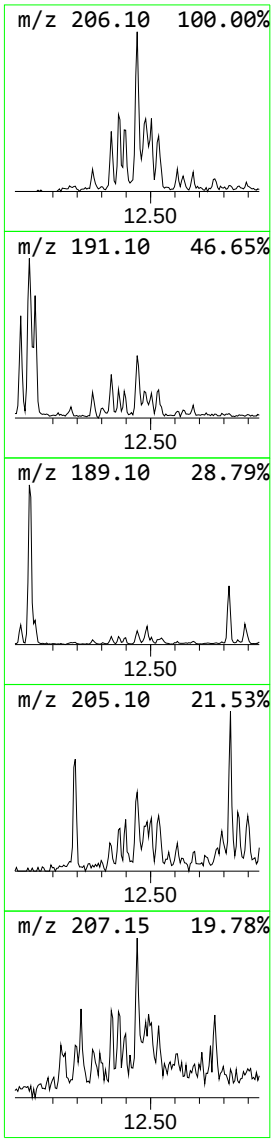
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.07 ng	76082	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, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SW02-8-15

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

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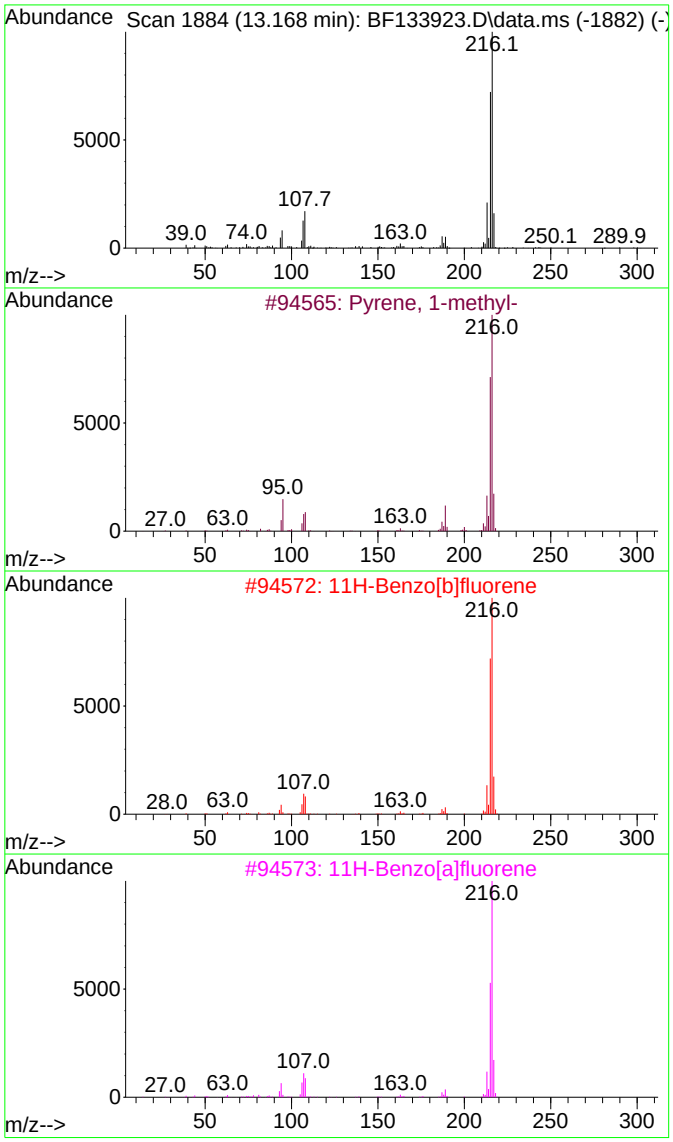
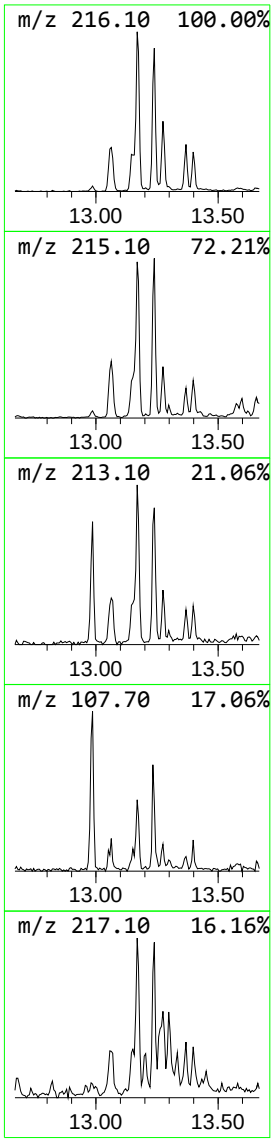
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.74 ng	192619	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Acq On : 23 Jun 2023 03:05
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Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SW02-8-15

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

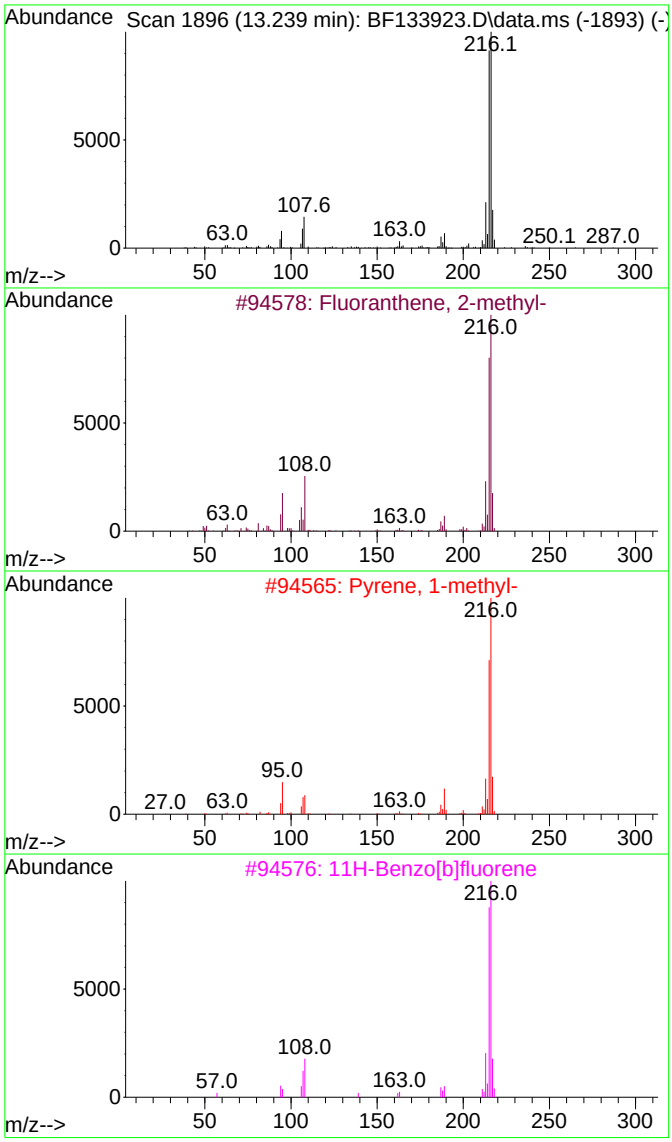
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

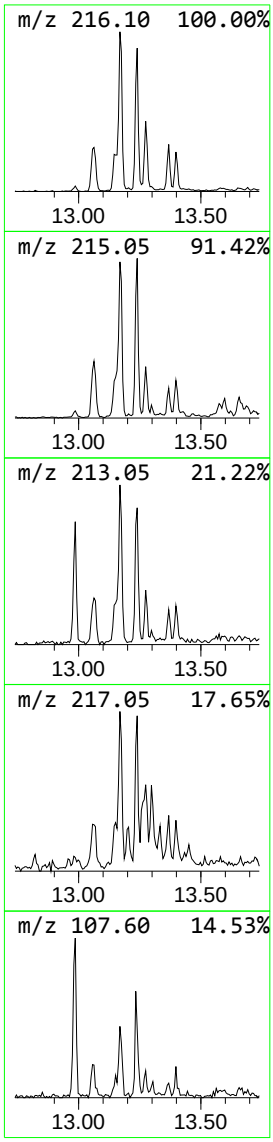
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.50 ng	175428	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 23 Jun 2023 03:05
Operator : CG\JU
Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

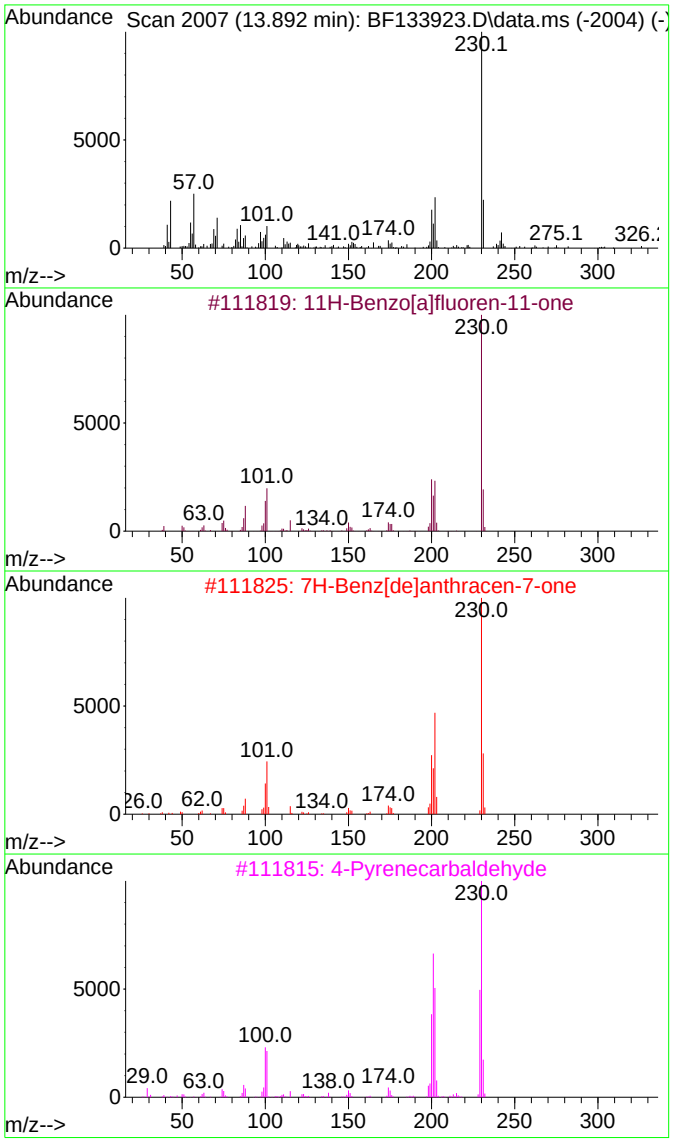
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

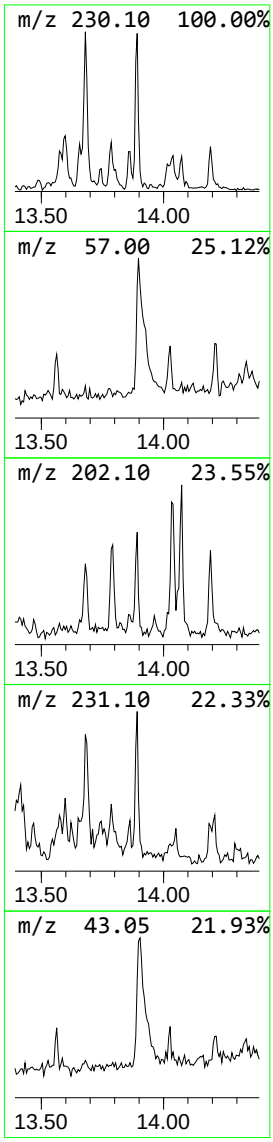
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.61 ng	183347	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59





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Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
COMPOSIT-SW02-8-15

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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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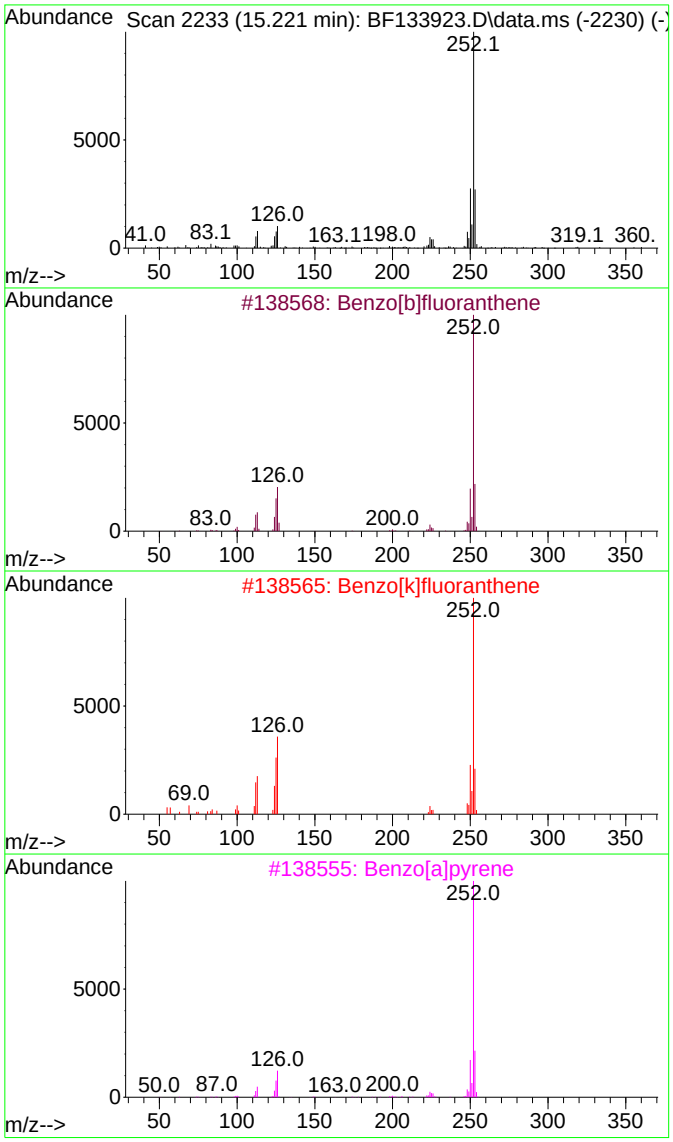
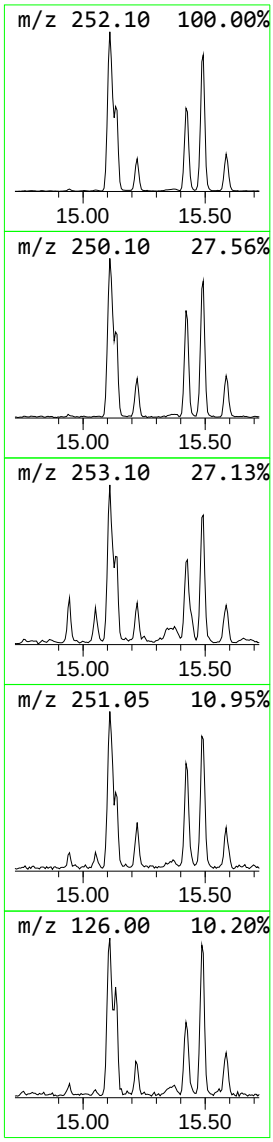
Peak Number 14 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	4.15 ng	110327	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Perylene	252	C20H12	000198-55-0	76





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Sample : 03328-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-8-15

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

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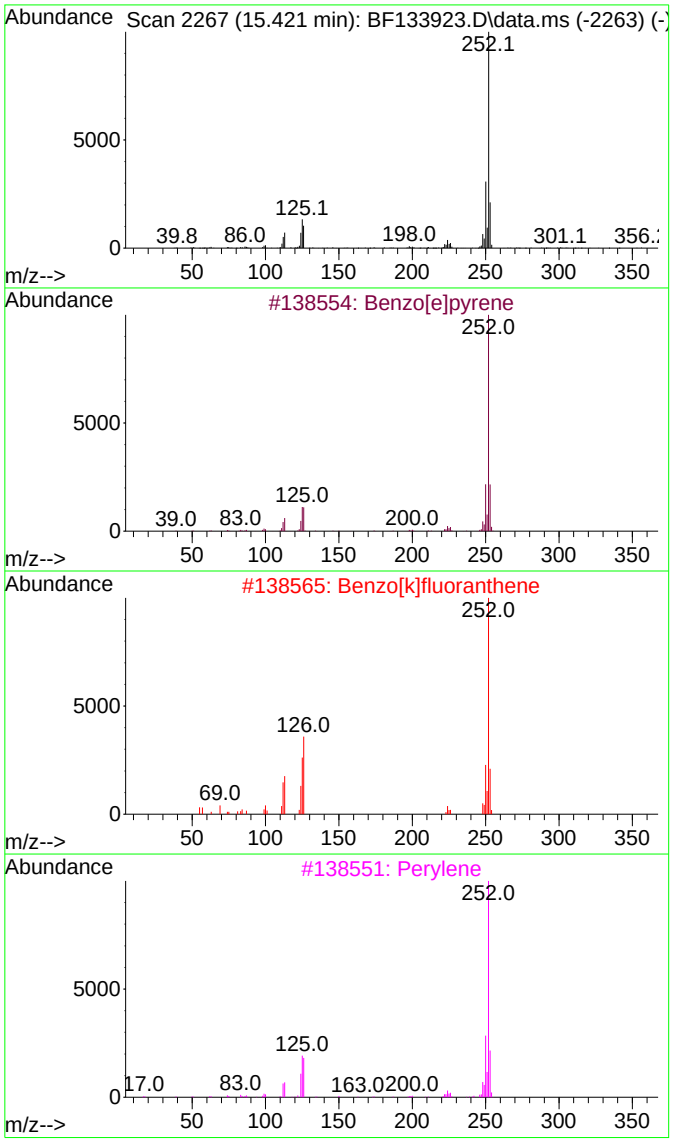
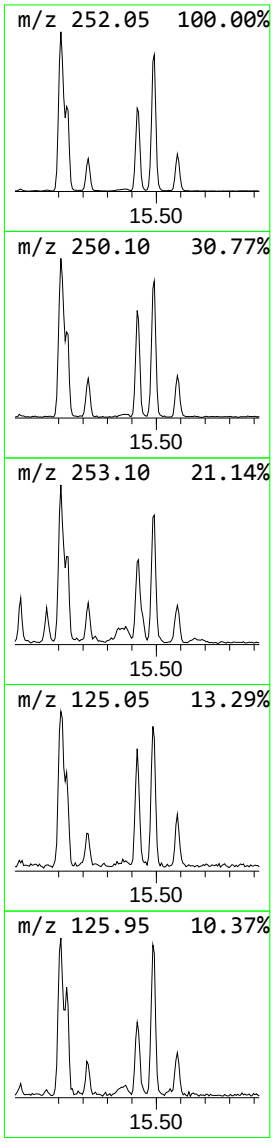
Peak Number 15 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	16.16 ng	429953	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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ClientSampleId :
COMPOSIT-SW02-8-15

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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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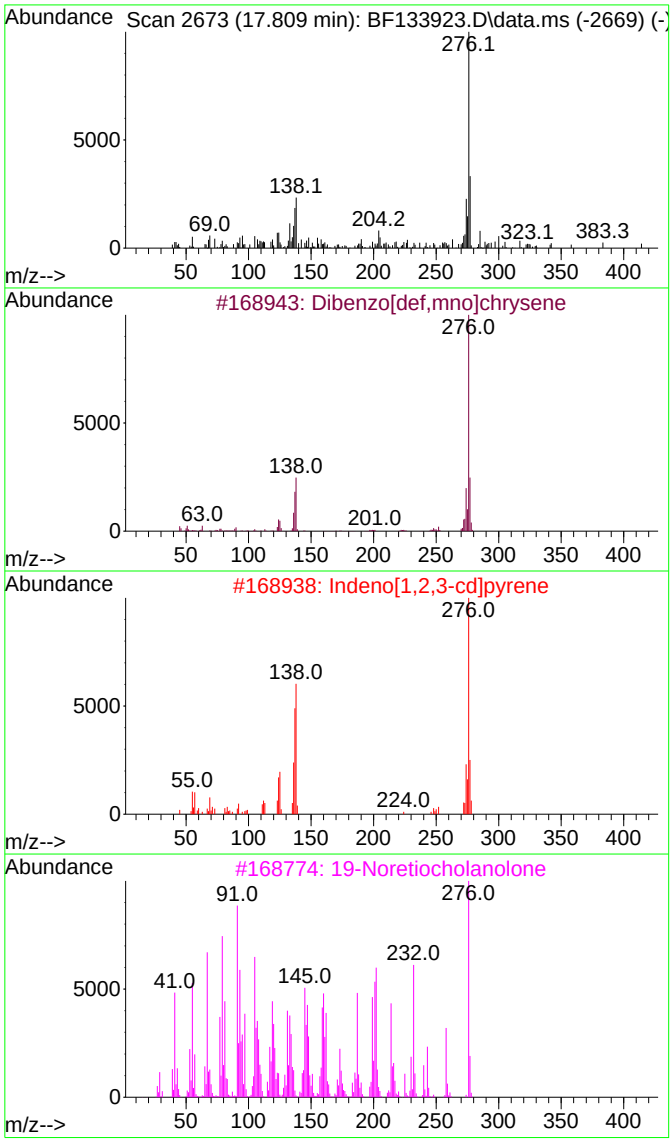
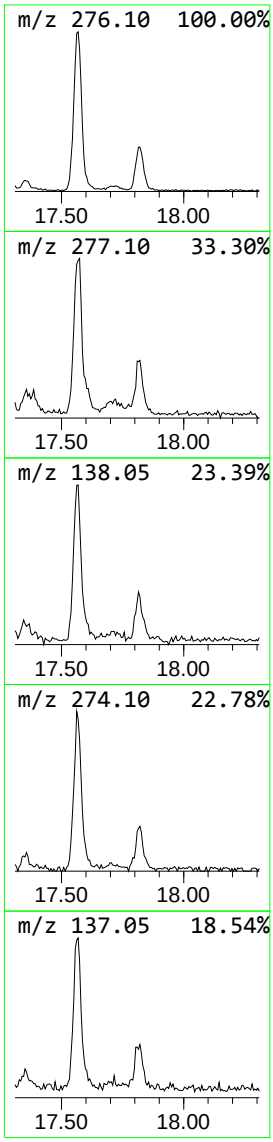
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.809	5.16 ng	137263	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
3	19-Noretiocholanolone	276	C18H28O2	033036-33-8	89
4	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	86
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133923.D
Acq On : 23 Jun 2023 03:05
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ClientSampleId :
COMPOSIT-SW02-8-15

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...	2.163	31.3	ng	885466	1	6.857	566730	20.0
2-Pentanone, 4-...	5.098	4.5	ng	125990	1	6.857	566730	20.0
Benzophenone	10.610	4.8	ng	183449	3	9.892	762524	20.0
Naphtho[2,1-b]t...	11.280	2.5	ng	93392	4	11.392	734911	20.0
Phenanthrene, 2...	11.892	4.0	ng	147610	4	11.392	734911	20.0
Phenanthrene, 1...	11.922	11.1	ng	406063	4	11.392	734911	20.0
Anthracene, 1-m...	11.969	2.6	ng	94163	4	11.392	734911	20.0
4H-Cyclopenta[d...	12.004	8.1	ng	297415	4	11.392	734911	20.0
Naphthalene, 2-...	12.192	2.5	ng	91544	4	11.392	734911	20.0
Phenanthrene, 2...	12.445	2.1	ng	76082	4	11.392	734911	20.0
Pyrene, 1-methyl-	13.169	2.7	ng	192619	5	14.045	1405070	20.0
Fluoranthene, 2...	13.239	2.5	ng	175428	5	14.045	1405070	20.0
11H-Benzo[a]flu...	13.892	2.6	ng	183347	5	14.045	1405070	20.0
Benzo[e]pyrene	15.221	4.2	ng	110327	6	15.557	532059	20.0
Perylene	15.421	16.2	ng	429953	6	15.557	532059	20.0
Dibenzo[def,mno...	17.809	5.2	ng	137263	6	15.557	532059	20.0