LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2802-COMP

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131608.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	12	rVB	195546	214123	23.80%	1.791%
2	2.228	19	24	32	rVB	14435	18774	2.09%	0.157%
3	3.940	310	315	320	rBV	14666	18138	2.02%	0.152%
4	5.093	507	511	516	rBV	88045	86681	9.63%	0.725%
5	5.469	572	575	578	rBV	13024	13768	1.53%	0.115%
6	5.510	578	582	586	rVB	687092	577057	64.14%	4.826%
7	5.728	615	619	623	rBV3	9202	10960	1.22%	0.092%
8	6.528	751	755	767	rBV	660525	546430	60.73%	4.570%
9	6.722	784	788	793	rBV4	10672	16446	1.83%	0.138%
10	6.892	814	817	820	rBV	409087	304847	33.88%	2.549%
11	7.157	858	862	868	rBV	13405	15650	1.74%	0.131%
12	7.457	909	913	916	rBV	425834	335096	37.24%	2.802%
13	7.757	961	964	968	rBV	17749	16376	1.82%	0.137%
14	8.181	1033	1036	1039	rBV	405389	334898	37.22%	2.801%
15	8.204	1039	1040	1043	rVB	19479	10810	1.20%	0.090%
16	8.398	1070	1073	1080	rVB	21279	15747	1.75%	0.132%
17	8.457	1080	1083	1087	rBV	26618	21779	2.42%	0.182%
18	8.875	1151	1154	1156	rBV	12267	12192	1.36%	0.102%
19	8.898	1156	1158	1162	rVV2	23454	19263	2.14%	0.161%
20	8.998	1171	1175	1178	rVB	16549	11963	1.33%	0.100%
21	9.263	1216	1220	1223	rBV	701731	519160	57.70%	4.341%
22	9.604	1275	1278	1280	rBV	16170	15189	1.69%	0.127%
23	9.810	1310	1313	1316	rBV	34635	28407	3.16%	0.238%
24	9.951	1333	1337	1340	rBV	415864	359281	39.93%	3.004%
25	9.981	1340	1342	1345	rVB	43015	31154	3.46%	0.261%
26	10.104	1359	1363	1367	rBV3	7925	10567	1.17%	0.088%
27	10.151	1367	1371	1375	rVB2	27132	26184	2.91%	0.219%
28	10.263	1386	1390	1393	rBV3	9079	10369	1.15%	0.087%
29	10.498	1427	1430	1436	rBV	44267	41129	4.57%	0.344%
30	10.657	1454	1457	1461	rVB3	21386	24553	2.73%	0.205%
31	10.739	1468	1471	1475	rVB	440034	390464	43.40%	3.265%
32	10.869	1487	1493	1500	rVB4	27052	39900	4.43%	0.334%
33	10.922	1500	1502	1505	rBV	27917	33855	3.76%	0.283%
34	10.957	1505	1508	1512	rVV2	29132	36289	4.03%	0.303%
35	10.992	1512	1514	1516	rVV	28783	23689	2.63%	0.198%
36	11.045	1520	1523	1526	rVV5	18455	24497	2.72%	0.205%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.104	1530	1533	1537	rVB3	26151	27789	3.09%	0.232%
38	11.139	1537	1539	1542	rBV	26230	23878	2.65%	0.200%
39	11.245	1554	1557	1561	rVB	28997	27413	3.05%	0.229%
40	11.304	1562	1567	1569	rBV4	12998	18647	2.07%	0.156%
41	11.339	1571	1573	1579	rVB	30413	27567	3.06%	0.231%
42	11.398	1579	1583	1585	rBV	14341	15209	1.69%	0.127%
43	11.445	1588	1591	1593	rBV	480871	406428	45.17%	3.399%
44	11.469	1593	1595	1598	rVV	454880	353784	39.32%	2.959%
45	11.522	1601	1604	1607	rVV	144791	111834	12.43%	0.935%
46	11.551	1607	1609	1612	rVB2	26908	27098	3.01%	0.227%
47	11.680	1624	1631	1637	rBV2	54237	81334	9.04%	0.680%
48	11.780	1645	1648	1651	rVB2	19975	18820	2.09%	0.157%
49	11.857	1659	1661	1665	rVB4	10019	10161	1.13%	0.085%
50	11.904	1666	1669	1672	rBV5	10276	10426	1.16%	0.087%
51	11.951	1672	1677	1679	rBV	75450	85066	9.45%	0.711%
52	11.975	1679	1681	1685	rVV2	144988	135535	15.06%	1.133%
53	12.027	1685	1690	1692	rVB2	45976	52026	5.78%	0.435%
54	12.063	1692	1696	1698	rBV2	118504	126282	14.04%	1.056%
55	12.086	1698	1700	1704	rVB	53504	46587	5.18%	0.390%
56	12.133	1704	1708	1710	rBV3	18090	25206	2.80%	0.211%
57	12.222	1719	1723	1725	rBV4	17589	23238	2.58%	0.194%
58	12.245	1725	1727	1729	rVV	54533	47061	5.23%	0.394%
59	12.269	1729	1731	1734	rVV2	57320	55538	6.17%	0.464%
60	12.398	1750	1753	1755	rVB	22318	18458	2.05%	0.154%
61	12.427	1755	1758	1760	rBV	20874	16276	1.81%	0.136%
62	12.451	1760	1762	1765	rVB	22562	16969	1.89%	0.142%
63	12.498	1767	1770	1774	rBV2	56505	72084	8.01%	0.603%
64	12.539	1774	1777	1779	rVV2	30233	35800	3.98%	0.299%
65	12.586	1783	1785	1790	rBV	70780	82823	9.21%	0.693%
66	12.669	1795	1799	1802	rVB	738294	591426	65.73%	4.946%
67	12.710	1802	1806	1808	rBV2	18413	19391	2.16%	0.162%
68	12.733	1808	1810	1812	rVB2	19580	14112	1.57%	0.118%
69	12.757	1812	1814	1817	rVB	26212	21905	2.43%	0.183%
70	12.804	1818	1822	1823	rBV2	17761	25822	2.87%	0.216%
71	12.822	1823	1825	1827	rVB	25905	19428	2.16%	0.162%
72	12.845	1827	1829	1832	rVB4	18344	16117	1.79%	0.135%
73	12.898	1832	1838	1842	rBV	764803	796729	88.55%	6.663%
74	13.016	1855	1858	1859	rBV	53483	45827	5.09%	0.383%
75	13.039	1859	1862	1865	rVV	649365	520593	57.86%	4.353%
76	13.116	1871	1875	1879	rBV2	61682	87562	9.73%	0.732%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.204	1886	1890	1891	rBV4	62287	69689	7.75%	0.583%
78	13.227	1891	1894	1897	rVB	146598	141723	15.75%	1.185%
79	13.263	1897	1900	1901	rBV2	29638	27266	3.03%	0.228%
80	13.292	1902	1905	1908	rVV	128194	103958	11.55%	0.869%
81	13.327	1908	1911	1914	rVV2	81591	96685	10.75%	0.809%
82	13.357	1914	1916	1919	rVB2	24555	17276	1.92%	0.144%
83	13.386	1919	1921	1925	rBV2	21719	20363	2.26%	0.170%
84	13.427	1925	1928	1930	rBV	58791	50823	5.65%	0.425%
85	13.457	1930	1933	1936	rBV	59595	59557	6.62%	0.498%
86	13.516	1940	1943	1947	rBV	117258	109614	12.18%	0.917%
87	13.733	1978	1980	1985	rVB	58901	60320	6.70%	0.504%
88	13.851	1997	2000	2002	rBV3	58641	55474	6.17%	0.464%
89	13.880	2002	2005	2007	rBV	58753	45029	5.00%	0.377%
90	13.904	2007	2009	2013	rVB2	53199	58387	6.49%	0.488%
91	13.945	2014	2016	2018	rBV	56789	52761	5.86%	0.441%
92	14.098	2036	2042	2046	rBV2	552887	899714	100.00%	7.524%
93	14.133	2046	2048	2053	rVB	432386	376431	41.84%	3.148%
94	14.210	2057	2061	2063	rBV2	90748	106443	11.83%	0.890%
95	14.492	2107	2109	2111	rVB	83161	60232	6.69%	0.504%
96	14.616	2128	2130	2133	rBV3	49582	48234	5.36%	0.403%
97	15.174	2220	2225	2228	rBV	257438	420455	46.73%	3.516%
98	15.492	2276	2279	2285	rVB	135302	183562	20.40%	1.535%
99	15.557	2286	2290	2296	rBV2	163479	249804	27.76%	2.089%
100	15.621	2297	2301	2304	rBV2	212526	270381	30.05%	2.261%

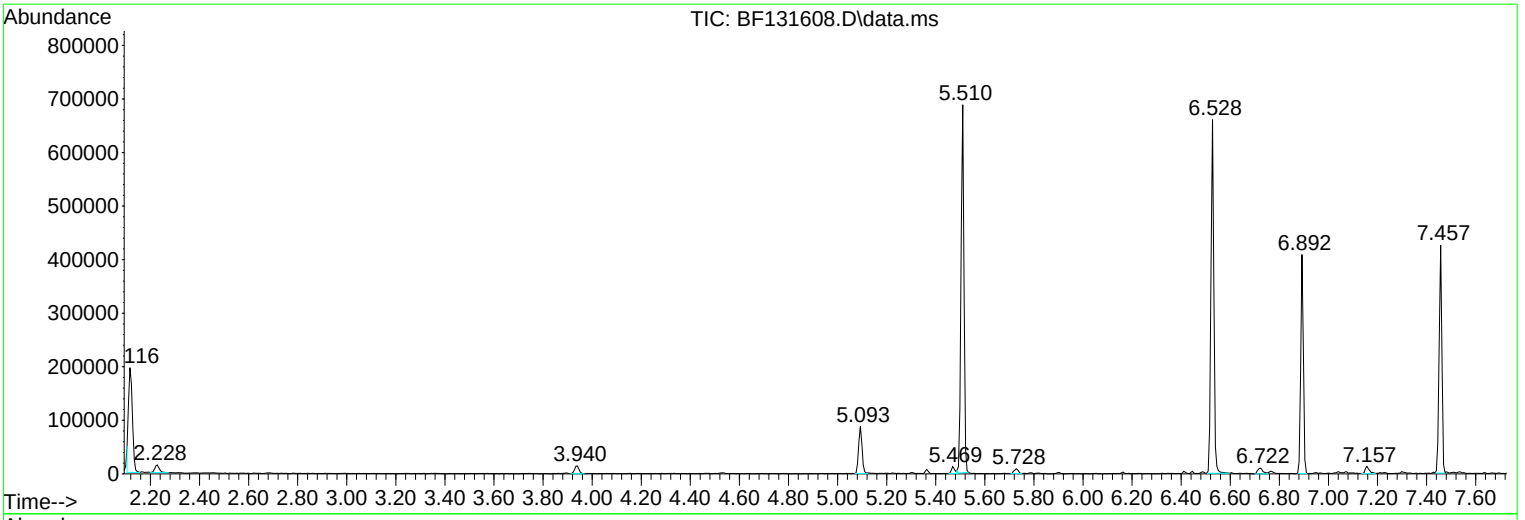
Sum of corrected areas: 11958115

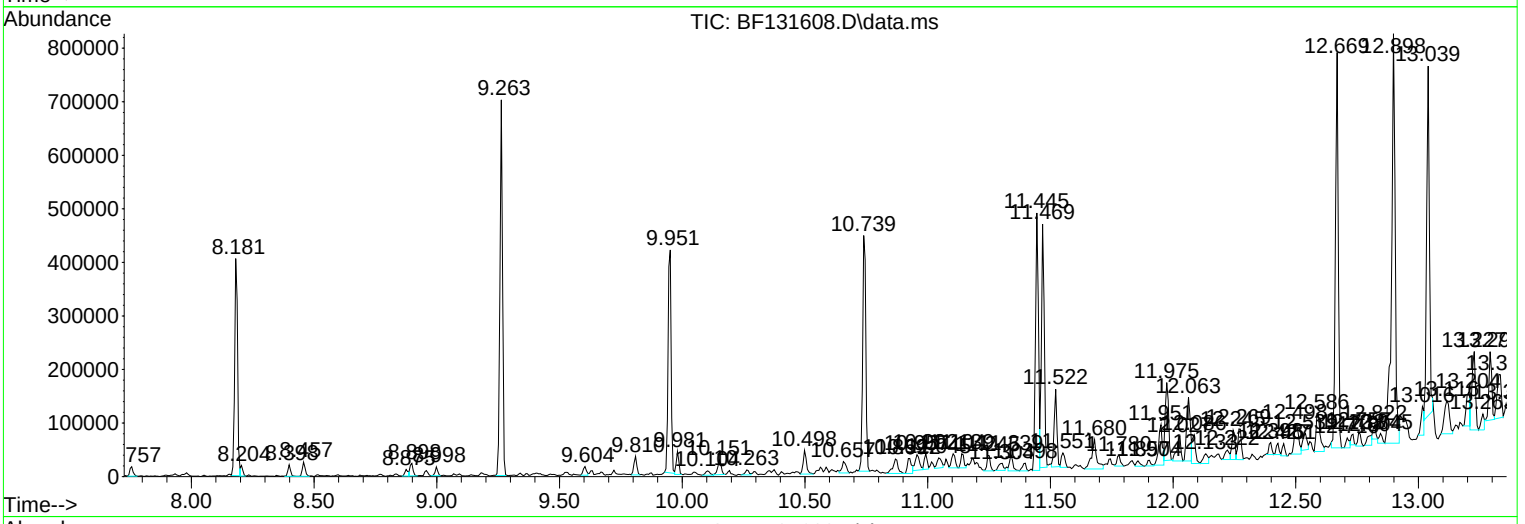
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

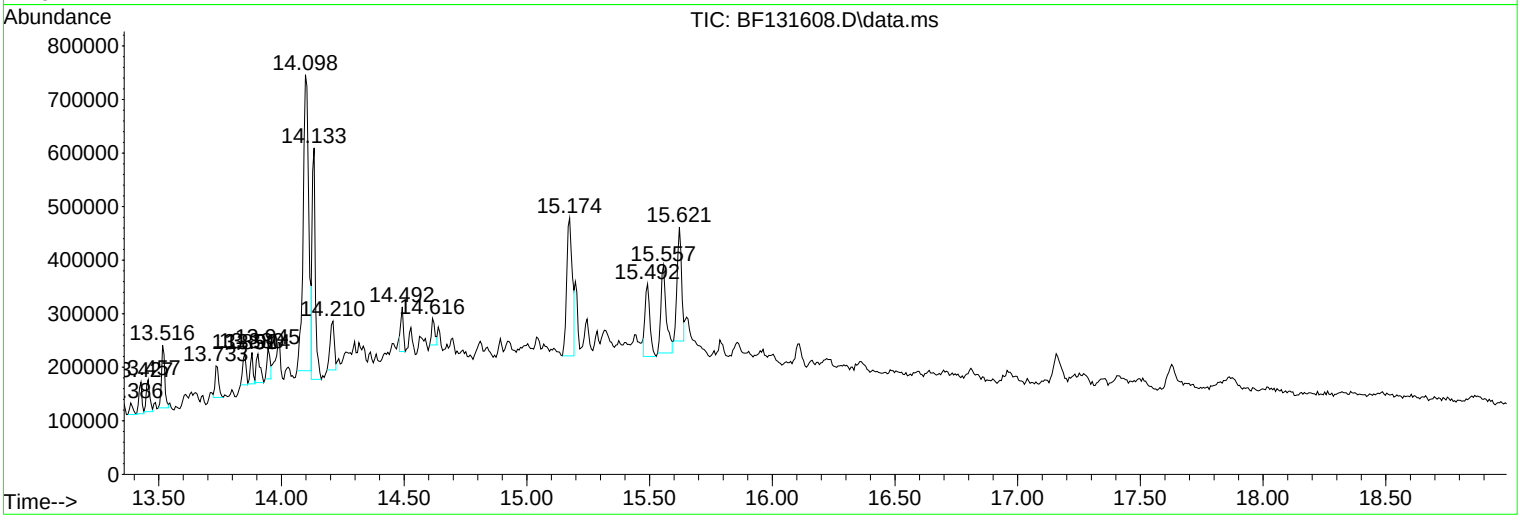
Instrument :
BNA_F
ClientSampleId :
2802-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

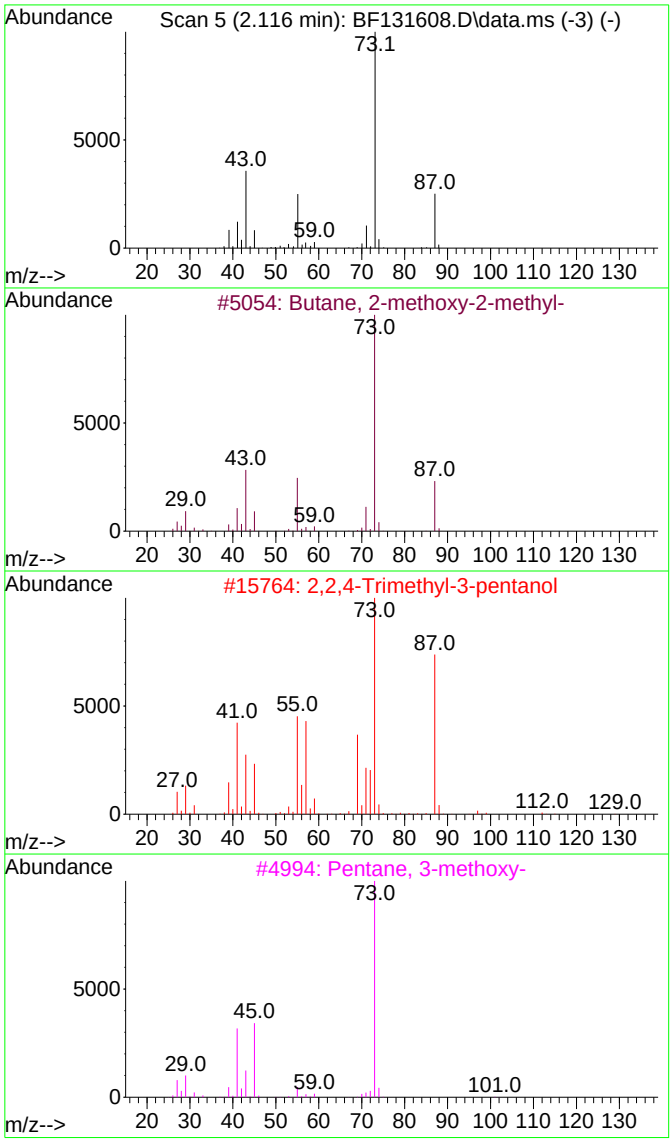
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

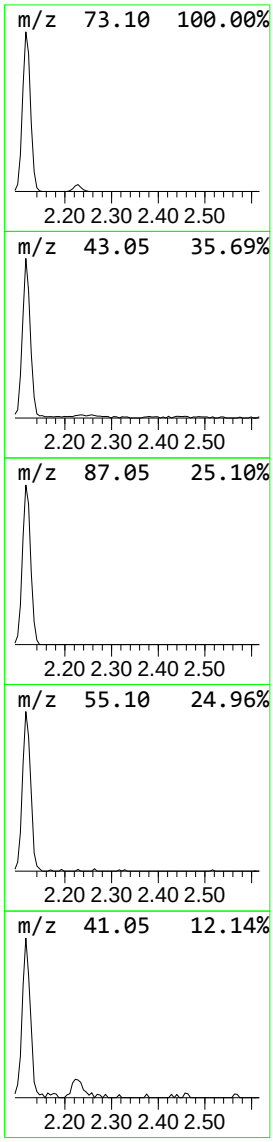
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	14.05 ng	214123	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

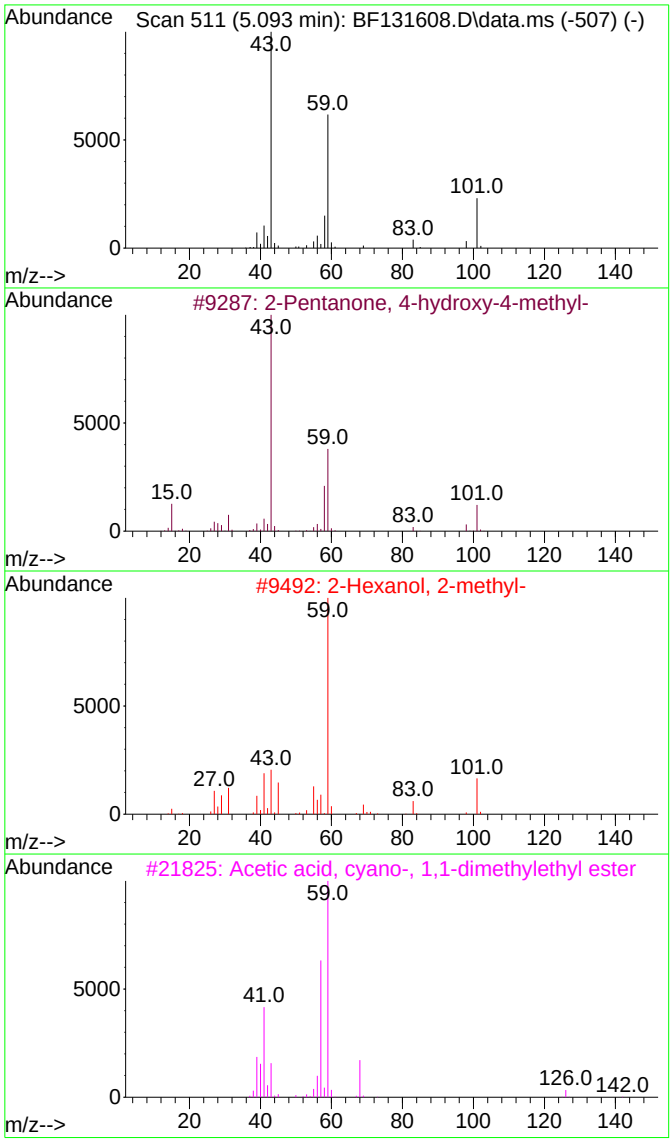
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

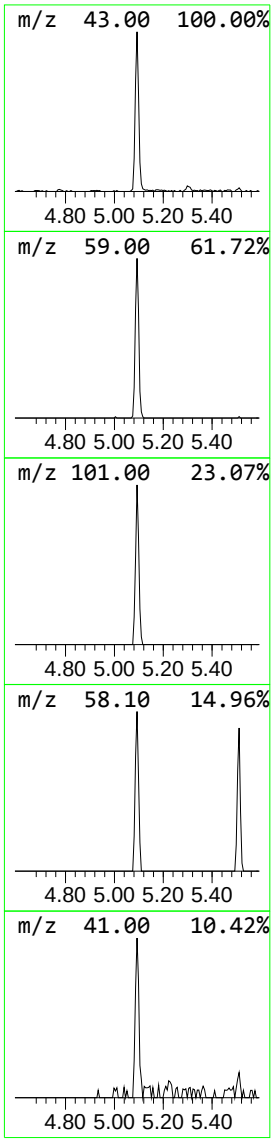
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.69 ng	86681	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1,2-Butanediol	90	C4H10O2	000584-03-2	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

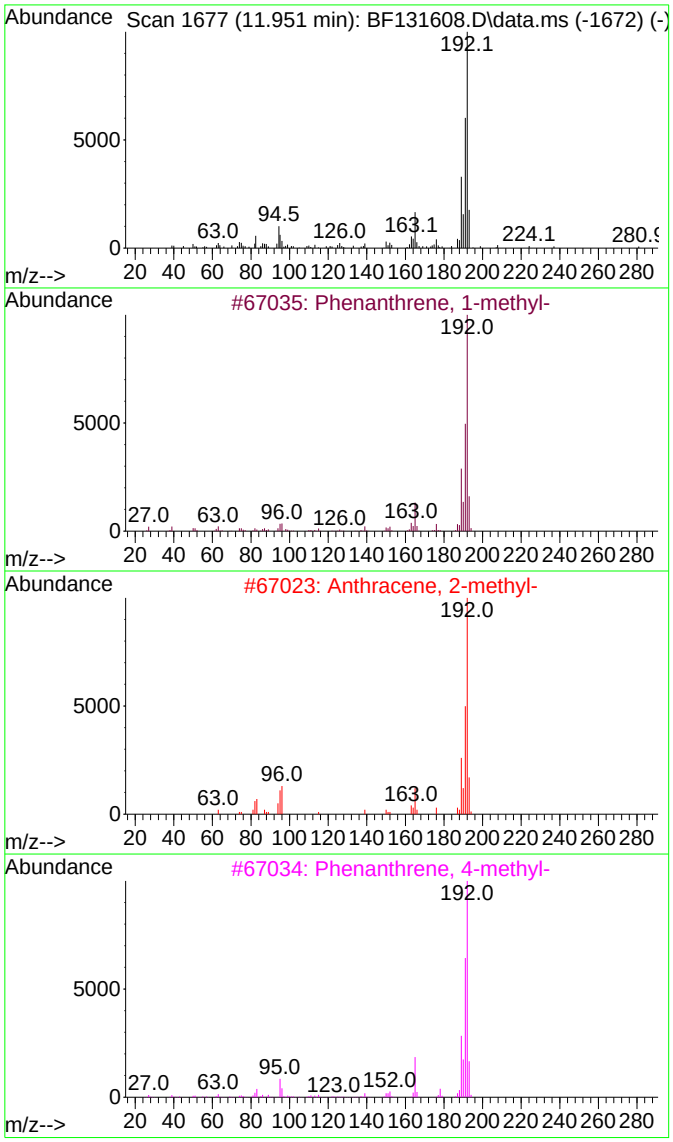
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

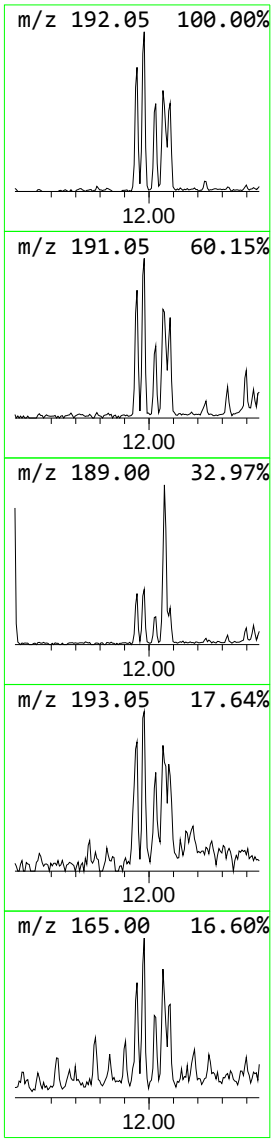
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	4.19 ng	85066	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

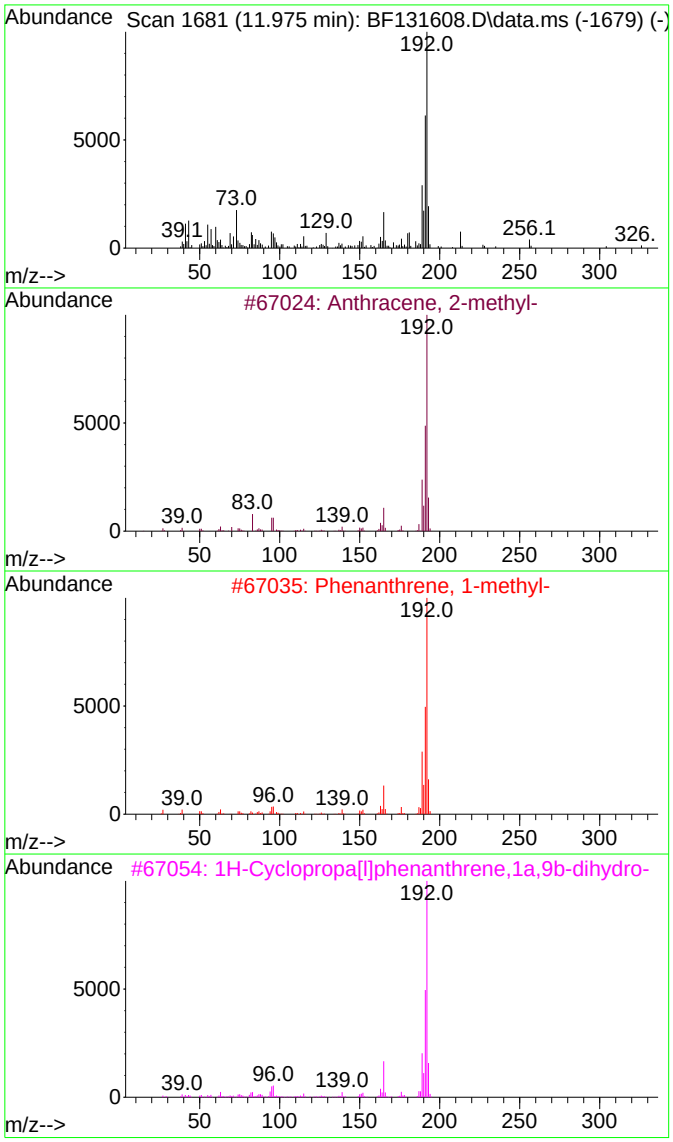
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

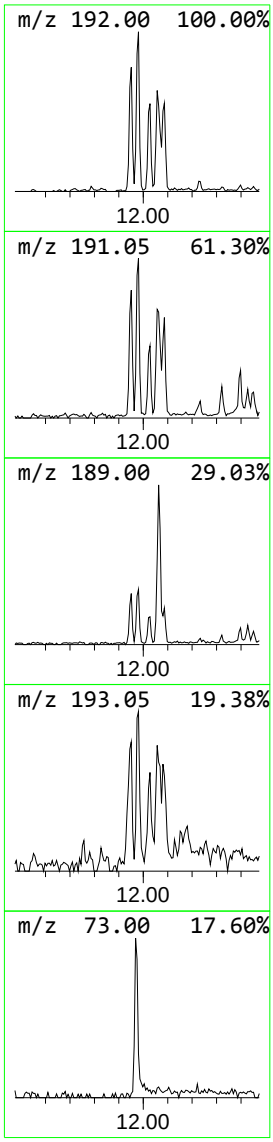
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	6.67 ng	135535	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

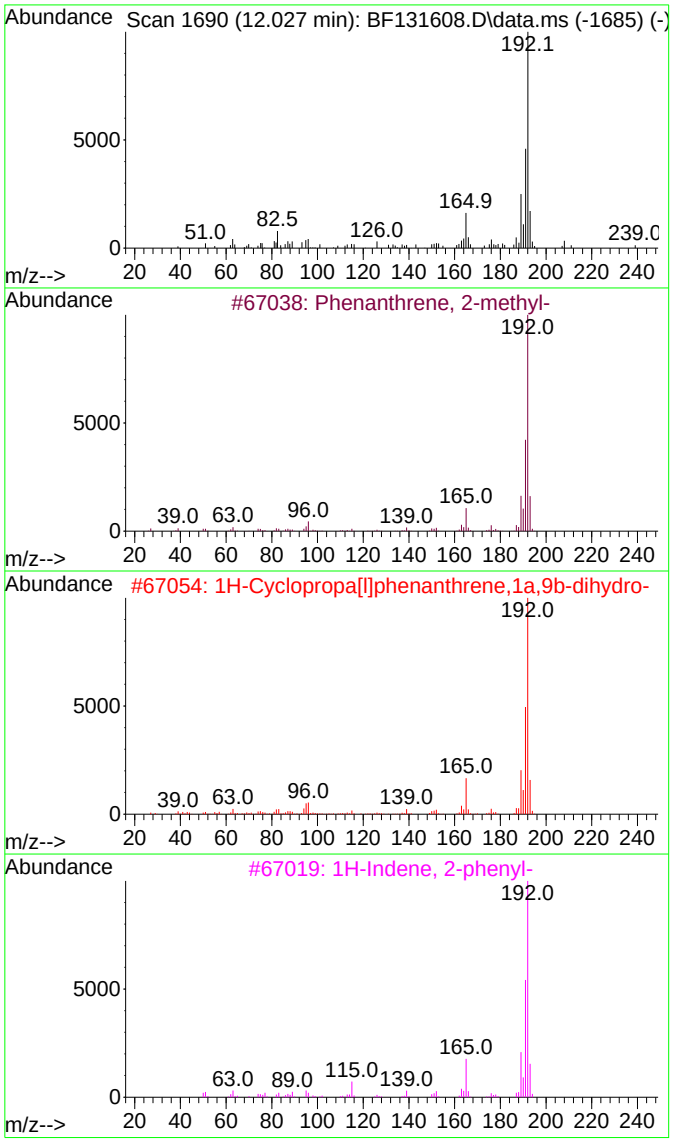
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

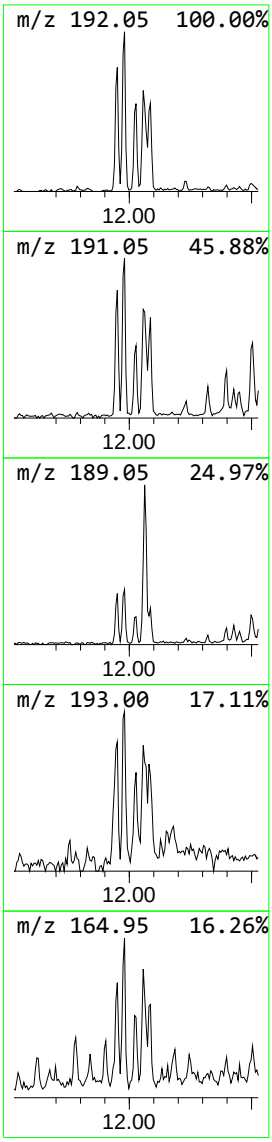
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	2.56 ng	52026	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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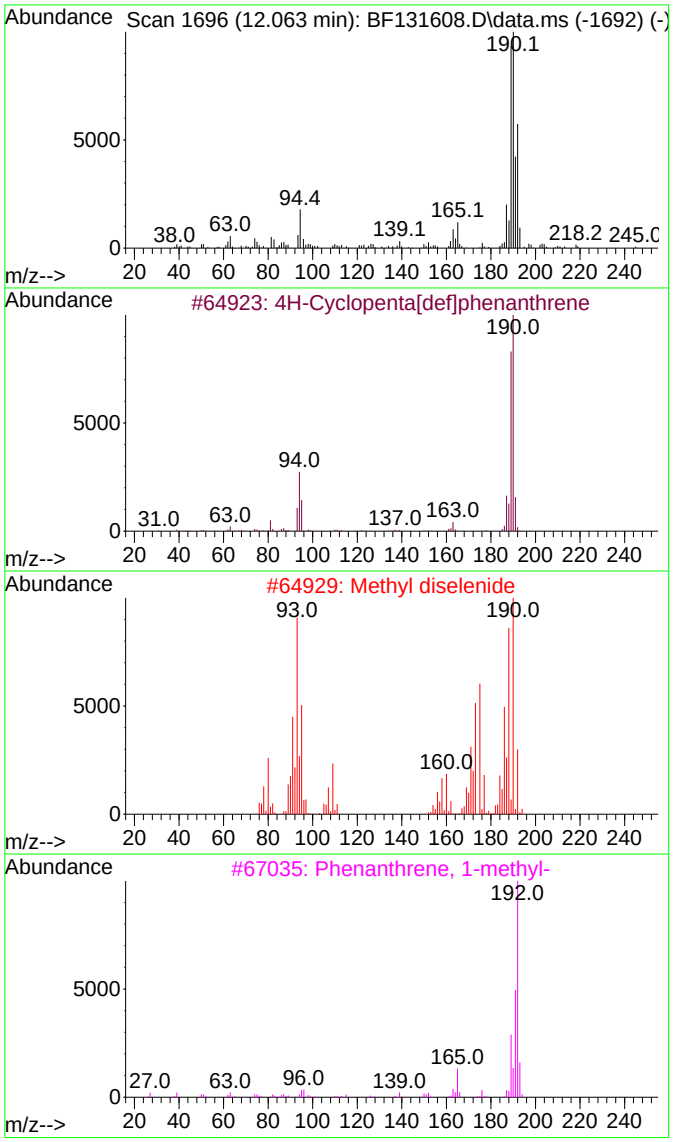
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

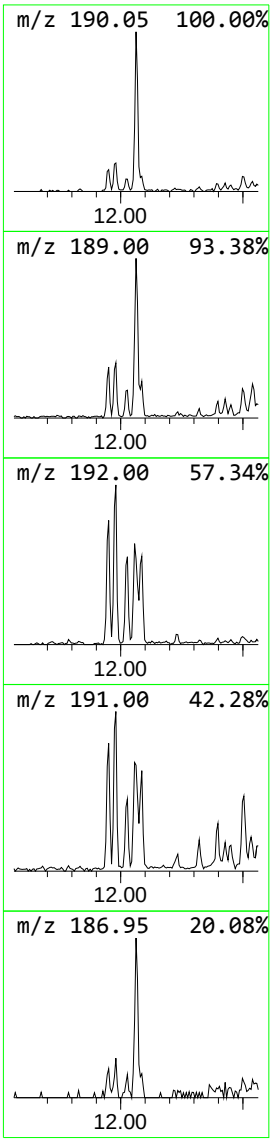
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	6.21 ng	126282	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

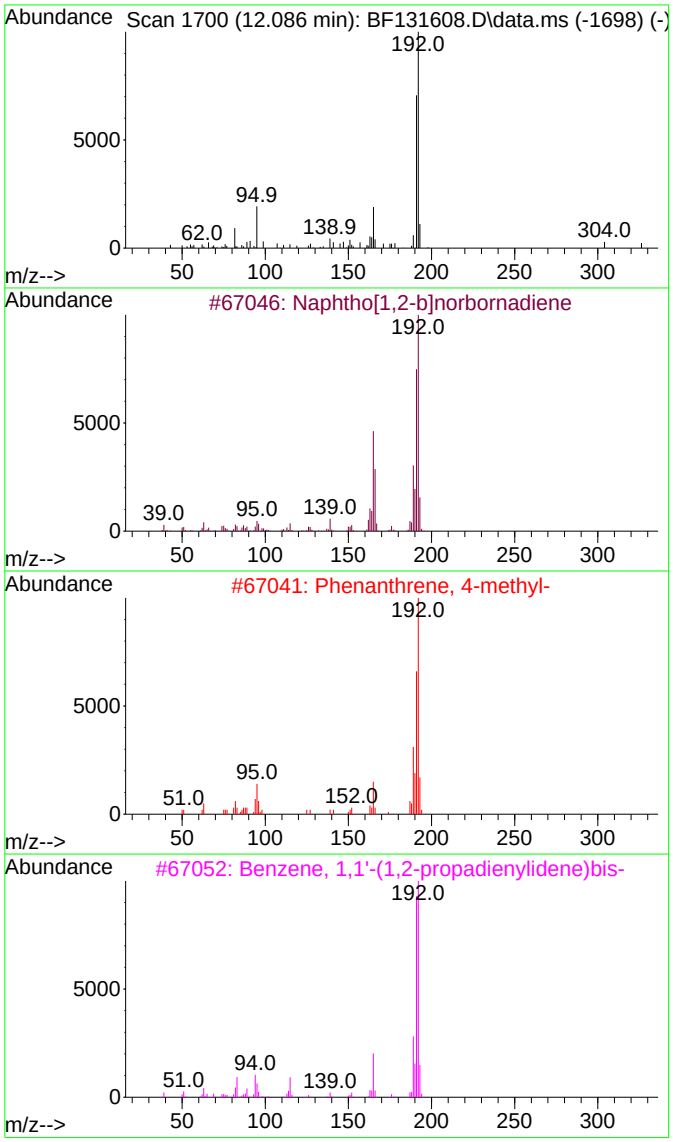
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

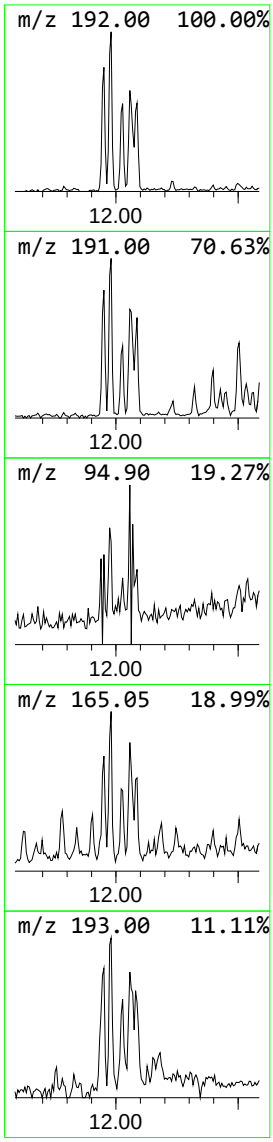
****

Peak Number 8 Naphtho[1,2-b]norbornadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.086	2.29 ng	46587	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	80
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	74
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





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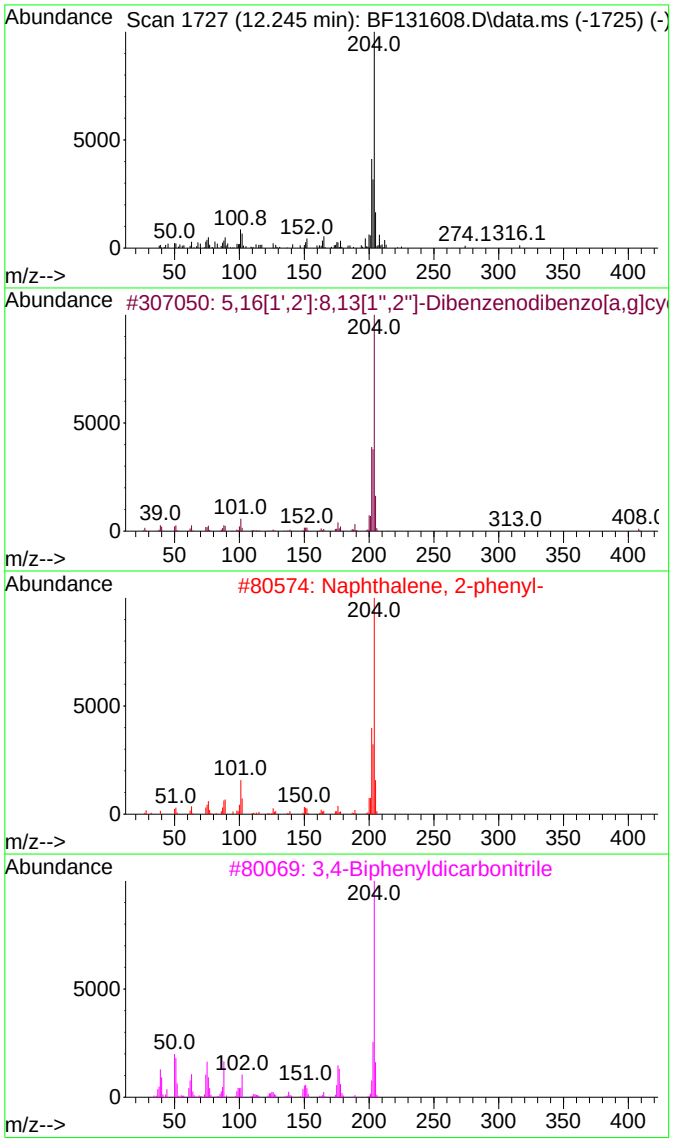
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

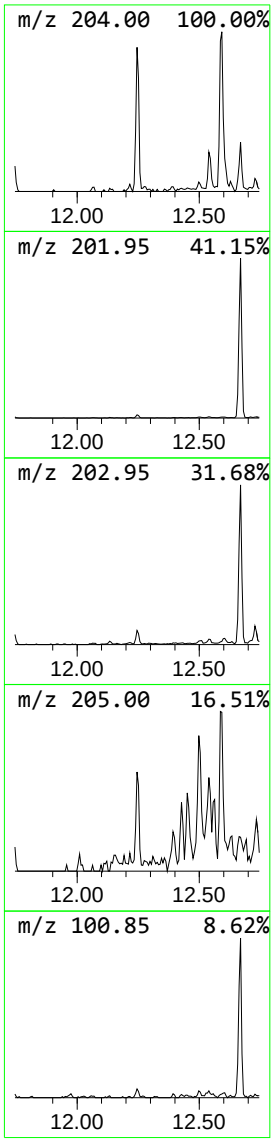
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	2.32 ng	47061	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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

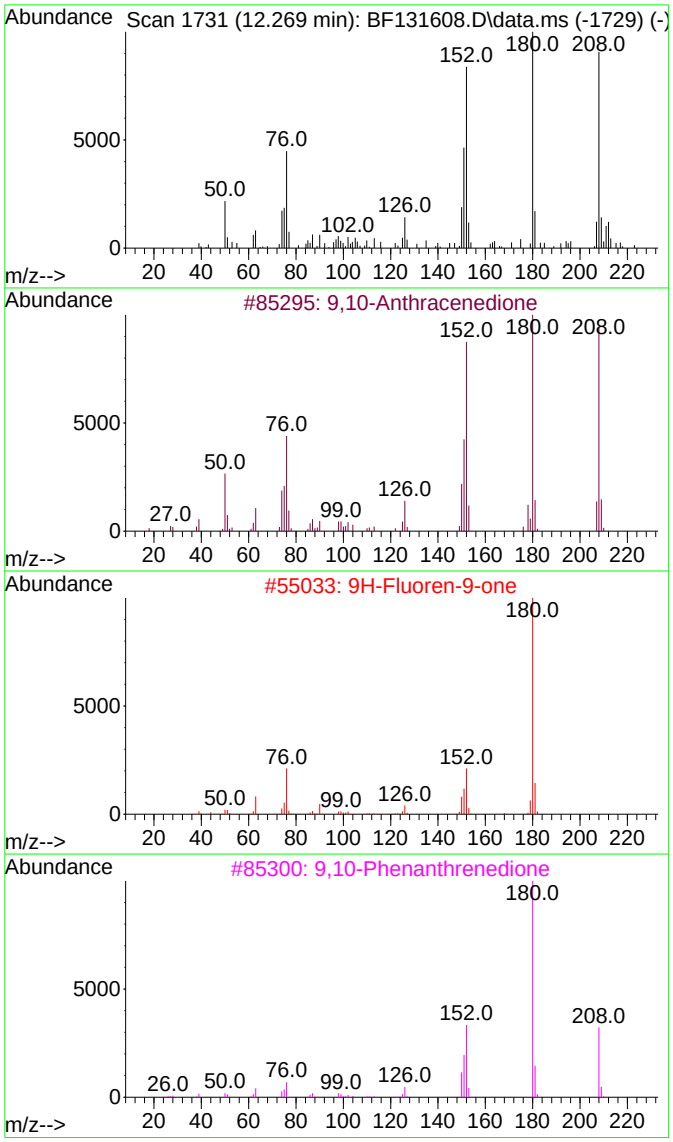
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

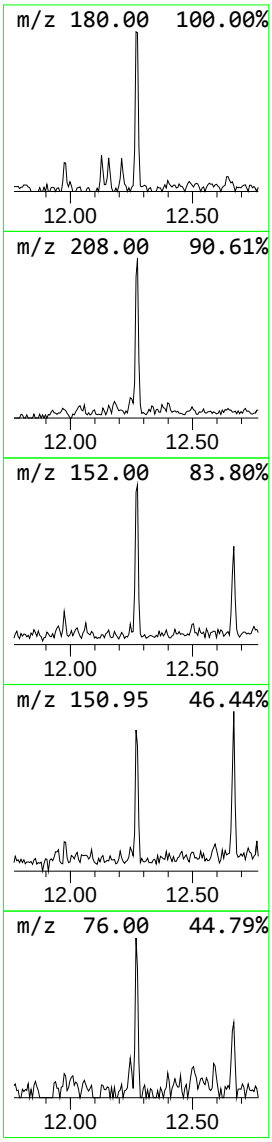
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	2.73 ng	55538	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

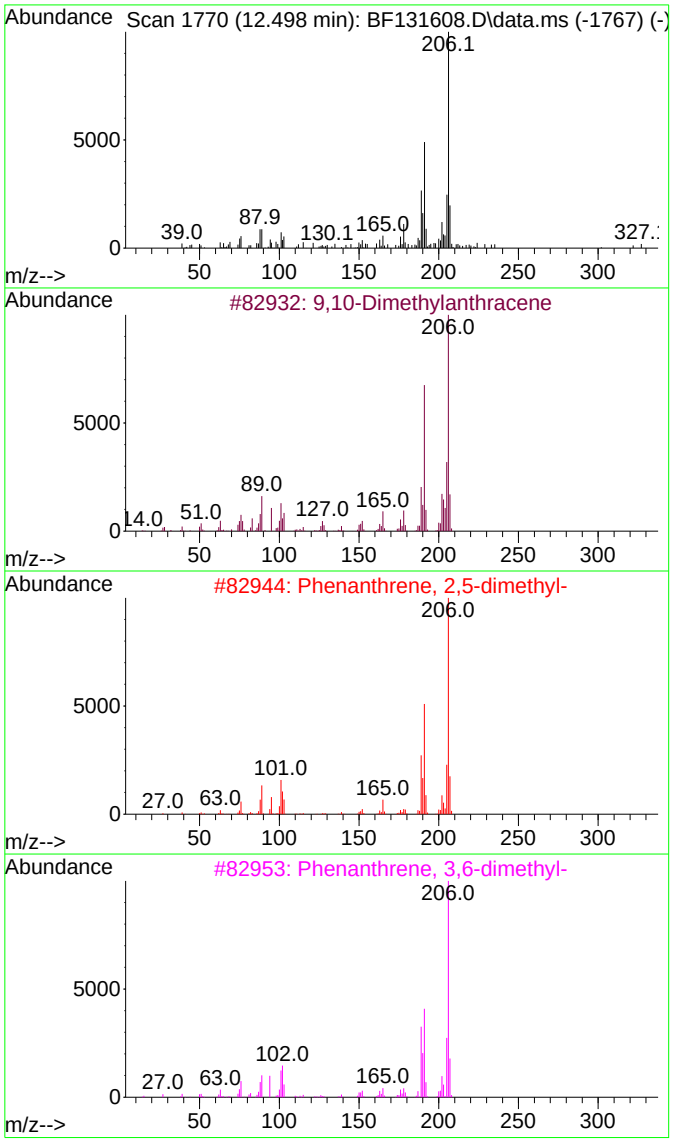
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

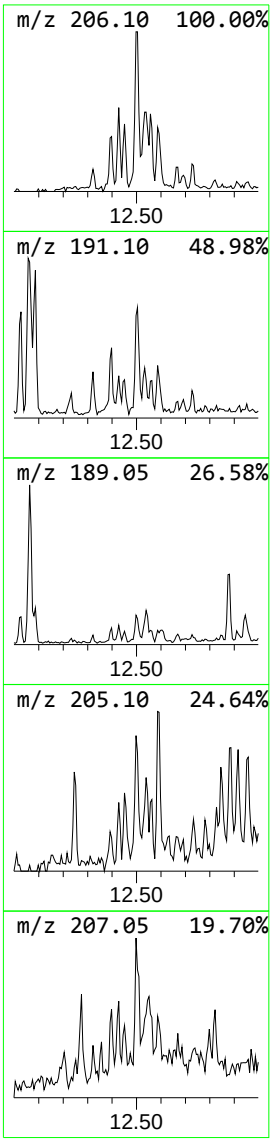
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.55 ng	72084	Phenanthrene-d10	11.445

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	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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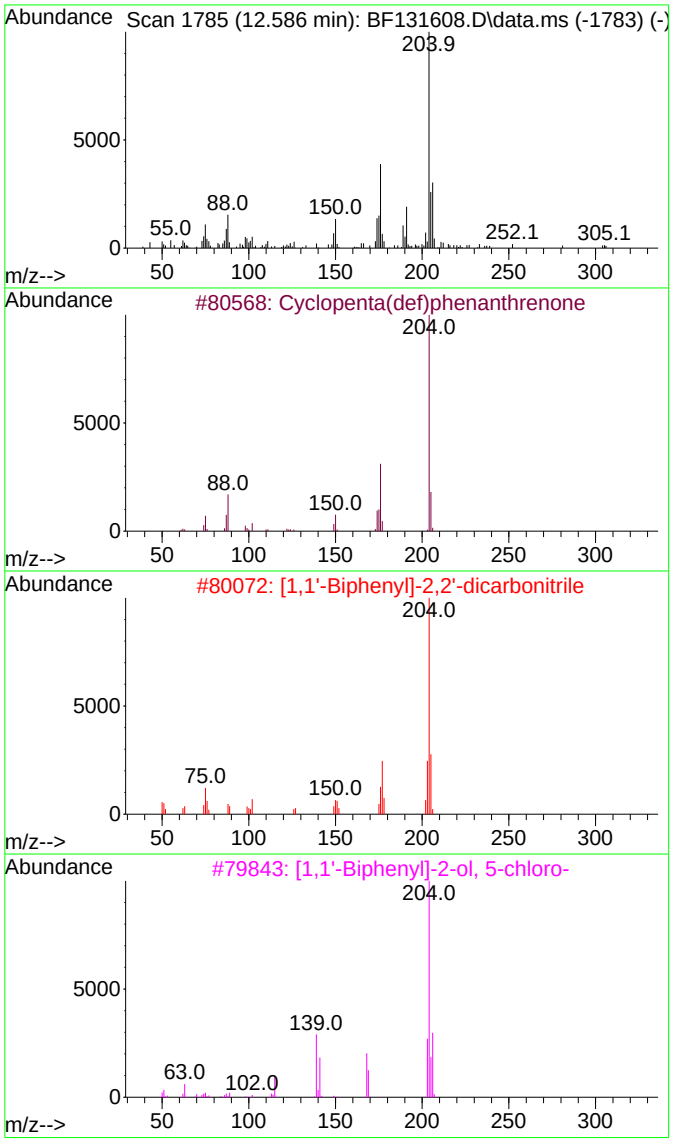
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

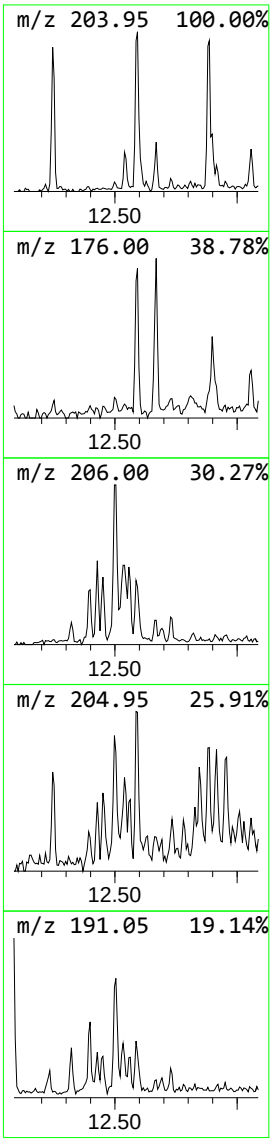
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	4.08 ng	82823	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	38





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Sample : N5997-01 2X
Misc :
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ClientSampleId :
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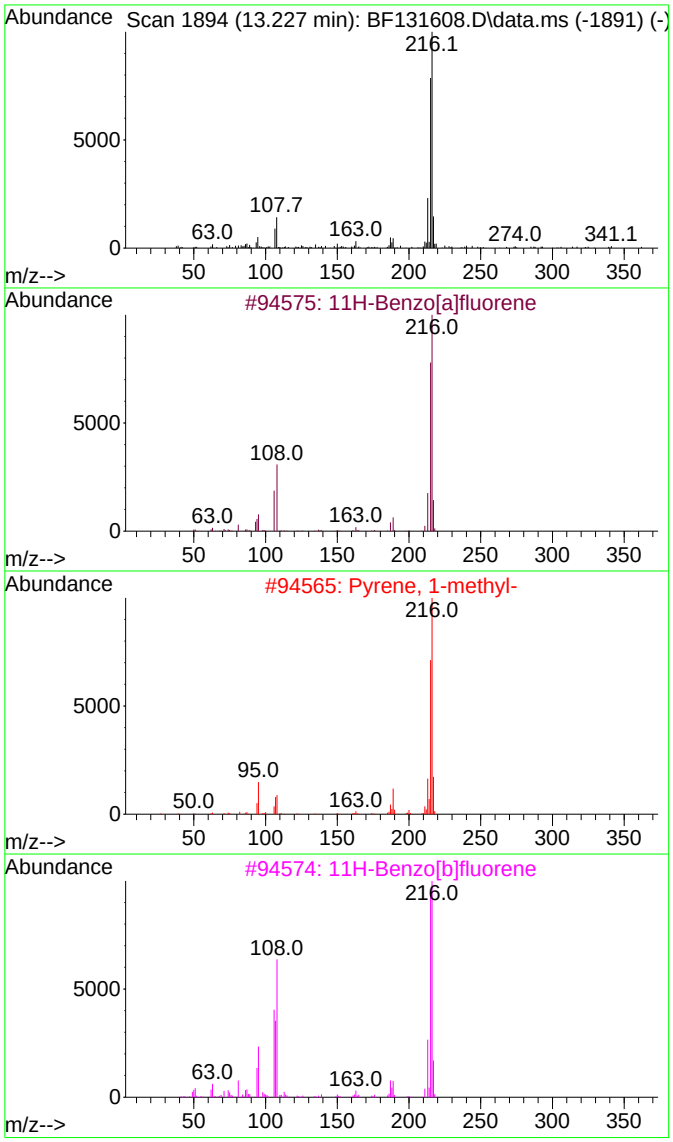
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

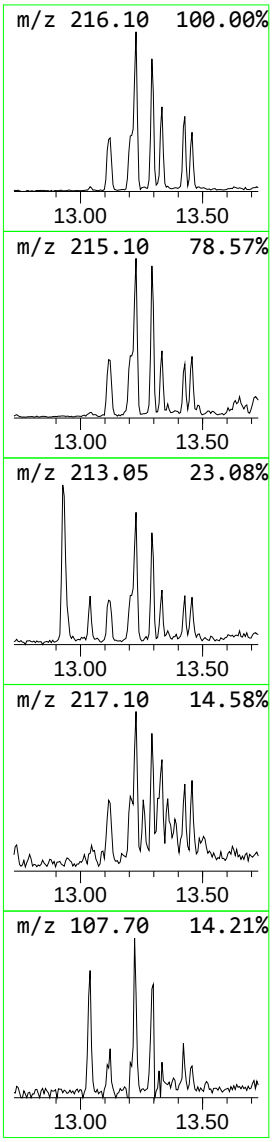
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	3.15 ng	141723	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	59





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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

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

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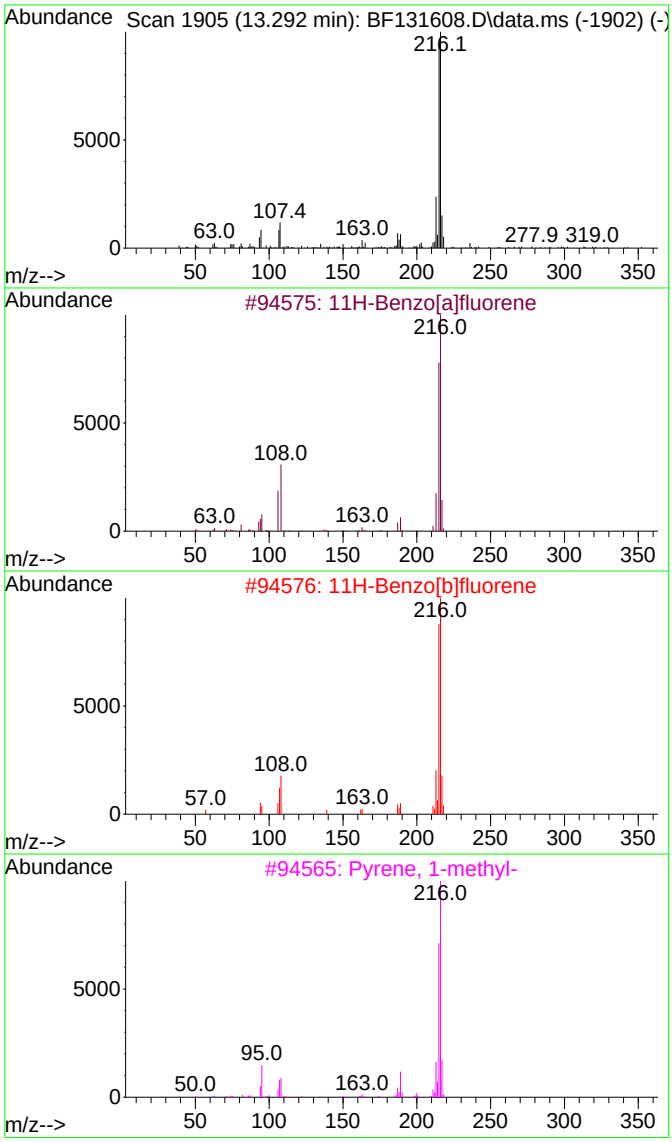
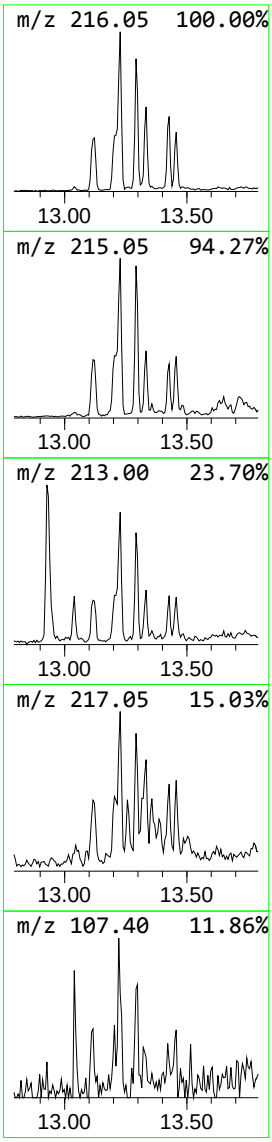
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	2.31 ng	103958	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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ALS Vial : 21 Sample Multiplier: 1

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

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

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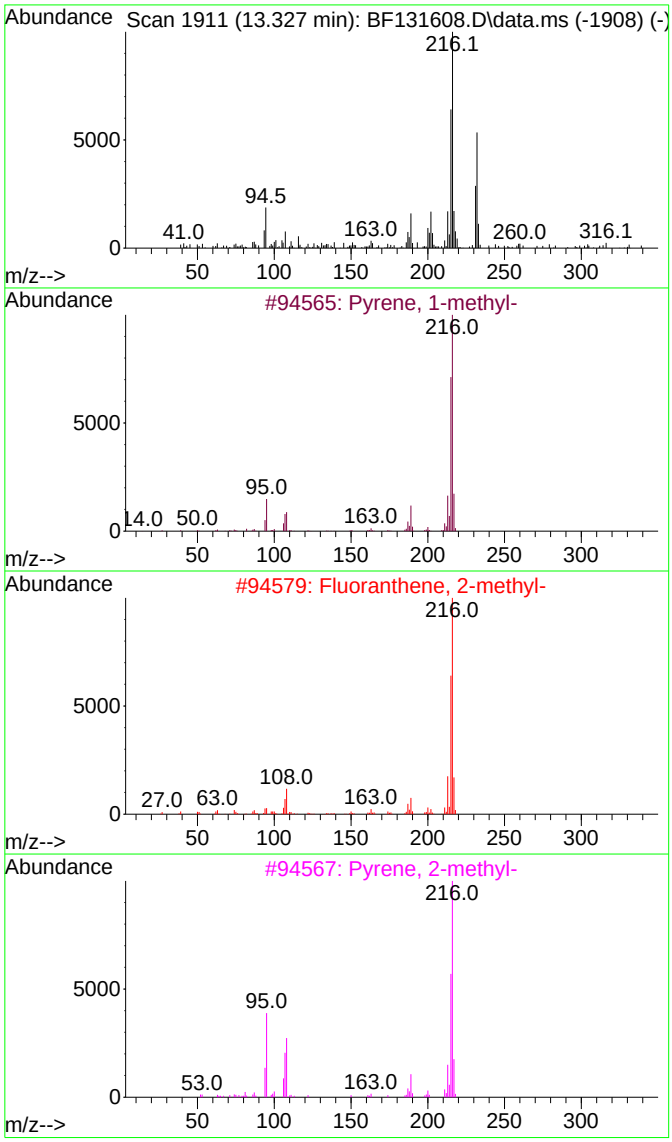
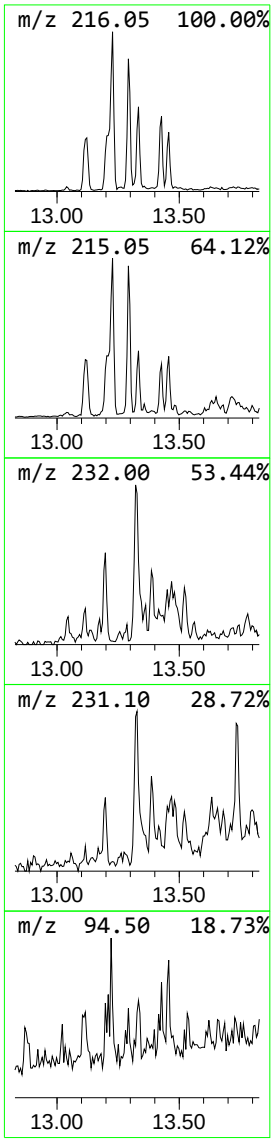
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	2.15 ng	96685	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49





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ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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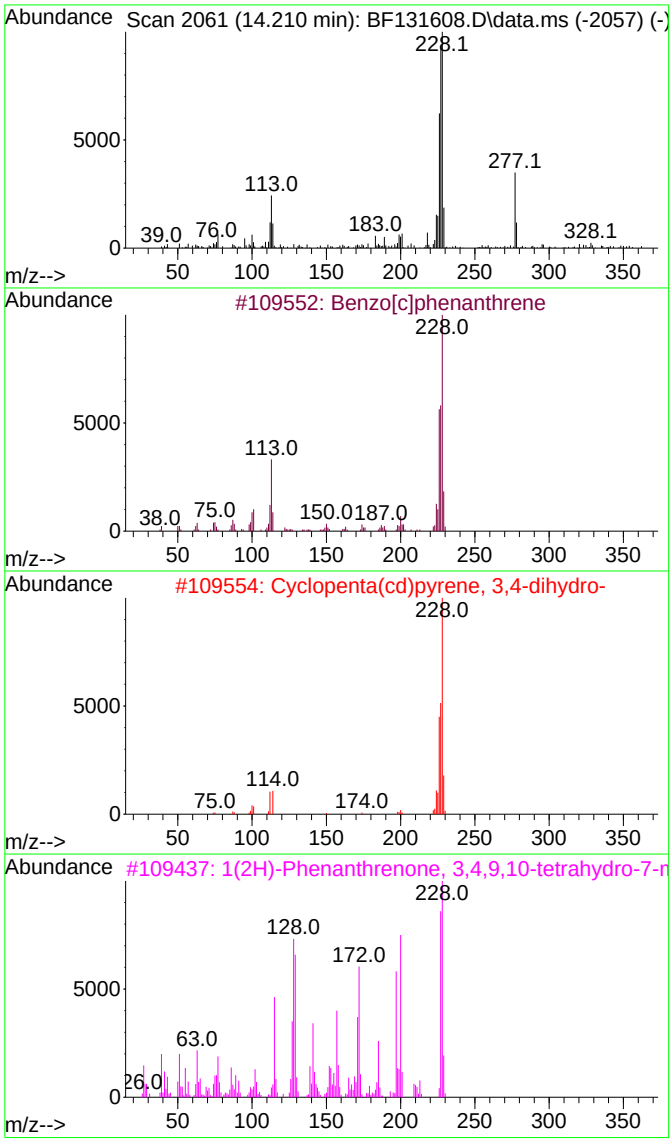
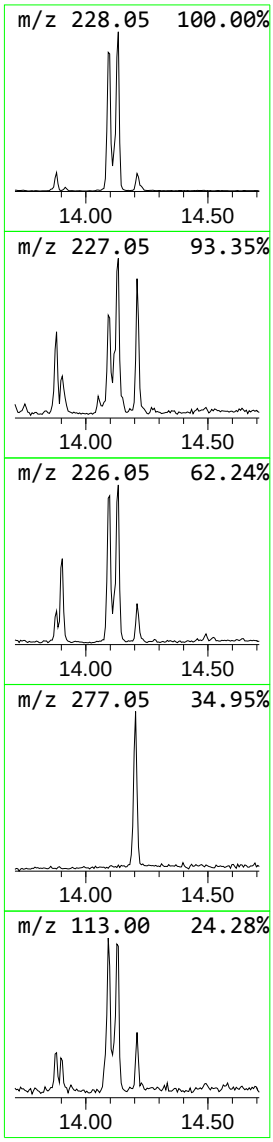
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	2.37 ng	106443	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	49
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	43
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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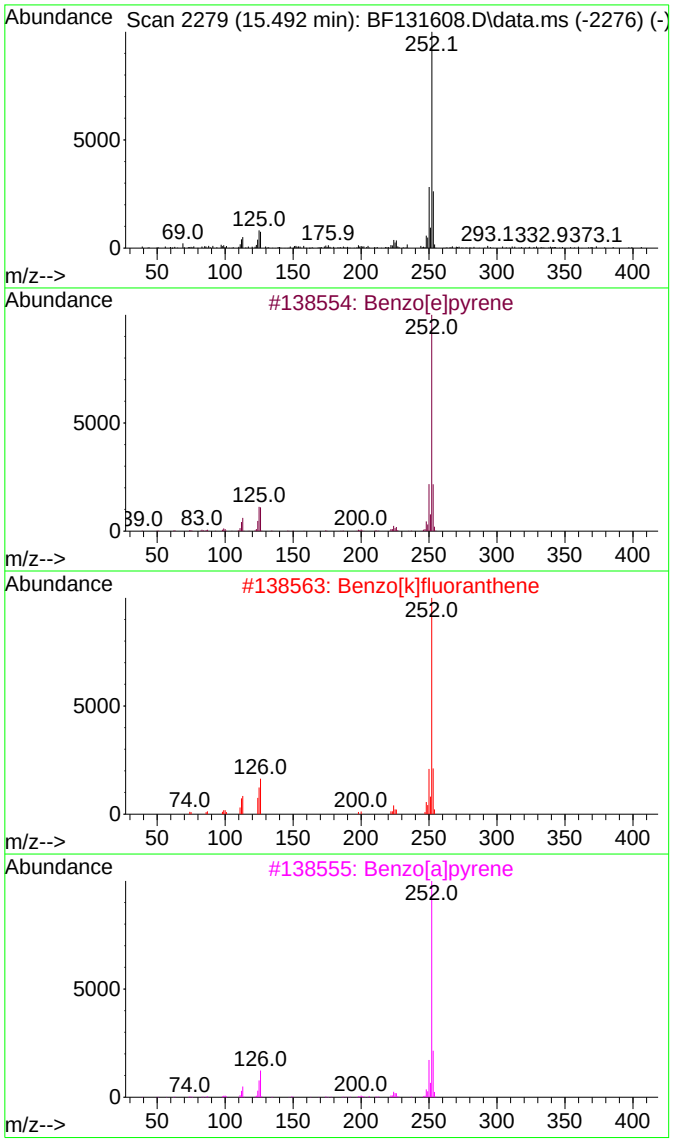
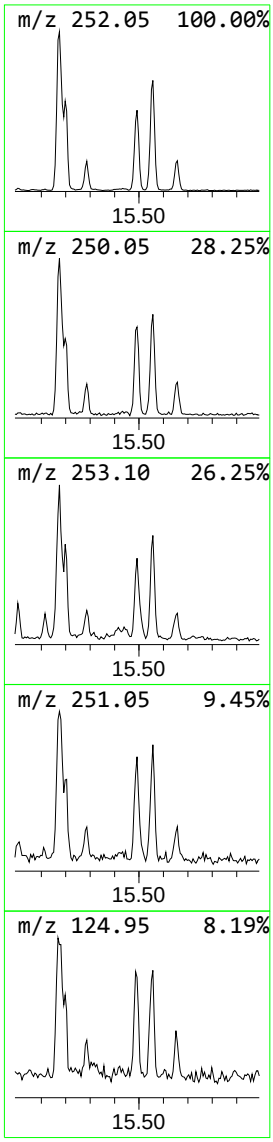
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	13.58 ng	183562	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131608.D
Acq On : 12 Dec 2022 23:25
Operator : CG\JU
Sample : N5997-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2802-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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...	2.116	14.1	ng	214123	1	6.892	304847	20.0
2-Pentanone, 4-...	5.093	5.7	ng	86681	1	6.892	304847	20.0
Phenanthrene, 1...	11.951	4.2	ng	85066	4	11.445	406428	20.0
Anthracene, 2-m...	11.975	6.7	ng	135535	4	11.445	406428	20.0
Phenanthrene, 2...	12.027	2.6	ng	52026	4	11.445	406428	20.0
4H-Cyclopenta[d...	12.063	6.2	ng	126282	4	11.445	406428	20.0
Naphtho[1,2-b]n...	12.086	2.3	ng	46587	4	11.445	406428	20.0
5,16[1',2']:8,1...	12.245	2.3	ng	47061	4	11.445	406428	20.0
9,10-Anthracene...	12.269	2.7	ng	55538	4	11.445	406428	20.0
9,10-Dimethylan...	12.498	3.5	ng	72084	4	11.445	406428	20.0
Cyclopenta(def)...	12.586	4.1	ng	82823	4	11.445	406428	20.0
11H-Benzo[a]flu...	13.227	3.1	ng	141723	5	14.104	899714	20.0
11H-Benzo[b]flu...	13.292	2.3	ng	103958	5	14.104	899714	20.0
Pyrene, 1-methyl-	13.327	2.1	ng	96685	5	14.104	899714	20.0
Benzo[c]phenant...	14.210	2.4	ng	106443	5	14.104	899714	20.0
Benzo[e]pyrene	15.492	13.6	ng	183562	6	15.621	270381	20.0