LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133924.D
Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

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: BF133924.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	17	rVB	568820	729360	27.41%	2.055%
2	2.252	24	28	34	rBV	31158	41387	1.56%	0.117%
3	5.099	507	512	521	rBV	99861	126601	4.76%	0.357%
4	5.493	574	579	582	rBV	2314429	2155167	80.99%	6.073%
5	6.493	744	749	752	rBV	2282169	2168019	81.47%	6.109%
6	6.857	807	811	817	rBV	708051	551022	20.71%	1.553%
7	7.422	902	907	910	rBV	1524771	1443501	54.25%	4.068%
8	8.134	1025	1028	1031	rBV	791514	679958	25.55%	1.916%
9	8.157	1031	1032	1037	rVB	79116	44839	1.69%	0.126%
10	8.851	1147	1150	1157	rVB	43741	37648	1.41%	0.106%
11	9.216	1208	1212	1215	rBV	3235944	2661027	100.00%	7.499%
12	9.551	1266	1269	1271	rBV	37401	34074	1.28%	0.096%
13	9.751	1298	1303	1307	rBV	54459	53665	2.02%	0.151%
14	9.892	1324	1327	1330	rBV	831919	714847	26.86%	2.014%
15	9.928	1330	1333	1336	rVB	132970	110570	4.16%	0.312%
16	10.098	1357	1362	1366	rBV2	76953	74655	2.81%	0.210%
17	10.445	1417	1421	1426	rVB	112077	103702	3.90%	0.292%
18	10.510	1426	1432	1434	rBV2	36613	46142	1.73%	0.130%
19	10.610	1445	1449	1453	rVB	447471	384050	14.43%	1.082%
20	10.686	1458	1462	1476	rVV	1772640	1636250	61.49%	4.611%
21	10.810	1478	1483	1486	rBV3	44379	59051	2.22%	0.166%
22	10.992	1508	1514	1517	rBV3	43828	77778	2.92%	0.219%
23	11.192	1545	1548	1551	rVB2	58695	54154	2.04%	0.153%
24	11.245	1552	1557	1561	rVV3	40171	70815	2.66%	0.200%
25	11.280	1561	1563	1569	rVB	72029	73467	2.76%	0.207%
26	11.386	1578	1581	1583	rBV	807991	694729	26.11%	1.958%
27	11.410	1583	1585	1589	rVV	1012938	868056	32.62%	2.446%
28	11.463	1591	1594	1597	rVV	300199	237425	8.92%	0.669%
29	11.498	1597	1600	1603	rVV2	39736	44507	1.67%	0.125%
30	11.622	1614	1621	1626	rBV2	110487	146556	5.51%	0.413%
31	11.686	1629	1632	1635	rVV2	57009	58379	2.19%	0.165%
32	11.722	1635	1638	1642	rVB	56148	57363	2.16%	0.162%
33	11.804	1649	1652	1656	rVB	32601	36434	1.37%	0.103%
34	11.892	1662	1667	1669	rBV	218022	200851	7.55%	0.566%
35	11.922	1669	1672	1676	rVV	568981	558112	20.97%	1.573%
36	11.969	1677	1680	1683	rVV	130489	132671	4.99%	0.374%

LSC Area Percent Report

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Sample : 03329-13
Misc :
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Instrument :
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ClientSampleId :
COMPOSIT-SW01-0-8

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	12.004	1683	1686	1689	rVV	401626	452782	17.02%	1.276%
38	12.027	1689	1690	1695	rVB	172629	101808	3.83%	0.287%
39	12.186	1715	1717	1720	rBV	125823	120355	4.52%	0.339%
40	12.216	1720	1722	1728	rVB2	98854	93174	3.50%	0.263%
41	12.339	1741	1743	1746	rVB	68050	53844	2.02%	0.152%
42	12.369	1746	1748	1750	rBV	61621	46746	1.76%	0.132%
43	12.392	1750	1752	1755	rVB	46567	39885	1.50%	0.112%
44	12.445	1757	1761	1764	rBV	158728	177266	6.66%	0.500%
45	12.480	1764	1767	1770	rVV	100320	113080	4.25%	0.319%
46	12.533	1773	1776	1781	rBV2	123869	159816	6.01%	0.450%
47	12.610	1785	1789	1793	rBV	1880917	1626481	61.12%	4.583%
48	12.657	1794	1797	1798	rBV	42863	36867	1.39%	0.104%
49	12.710	1802	1806	1808	rBV3	101313	102171	3.84%	0.288%
50	12.763	1813	1815	1818	rVB	59268	51055	1.92%	0.144%
51	12.845	1823	1829	1834	rVV	1672691	1939974	72.90%	5.467%
52	12.886	1834	1836	1841	rVB2	78673	102539	3.85%	0.289%
53	12.957	1845	1848	1849	rBV2	79996	65452	2.46%	0.184%
54	12.986	1849	1853	1859	rVB	2472830	2251293	84.60%	6.344%
55	13.057	1861	1865	1869	rBV3	137974	209718	7.88%	0.591%
56	13.145	1877	1880	1881	rBV3	124089	123711	4.65%	0.349%
57	13.169	1881	1884	1888	rVB	331198	329492	12.38%	0.928%
58	13.239	1888	1896	1898	rBV	253760	311350	11.70%	0.877%
59	13.274	1898	1902	1904	rVV2	238047	235642	8.86%	0.664%
60	13.298	1904	1906	1909	rVV2	74647	68278	2.57%	0.192%
61	13.327	1909	1911	1914	rVB3	34804	33064	1.24%	0.093%
62	13.369	1915	1918	1920	rBV	141373	117048	4.40%	0.330%
63	13.398	1920	1923	1927	rVV	157615	138772	5.21%	0.391%
64	13.657	1964	1967	1968	rBV3	44777	43121	1.62%	0.122%
65	13.680	1968	1971	1976	rVB	158719	176226	6.62%	0.497%
66	13.792	1986	1990	1993	rBV3	176550	206123	7.75%	0.581%
67	13.821	1993	1995	1997	rVV	182874	147853	5.56%	0.417%
68	13.845	1997	1999	2001	rVV	125026	120950	4.55%	0.341%
69	13.892	2004	2007	2016	rVB3	184742	270871	10.18%	0.763%
70	14.039	2026	2032	2036	rBV3	1159305	2098617	78.86%	5.914%
71	14.074	2036	2038	2043	rVB	984363	841225	31.61%	2.370%
72	14.151	2049	2051	2054	rBV	143368	123106	4.63%	0.347%
73	14.304	2075	2077	2080	rVB4	50826	45300	1.70%	0.128%
74	14.439	2097	2100	2103	rVB	216149	184381	6.93%	0.520%
75	14.469	2103	2105	2109	rVB	133023	113509	4.27%	0.320%
76	14.527	2112	2115	2118	rVV2	105490	156842	5.89%	0.442%

LSC Area Percent Report

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Instrument :
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COMPOSIT-SW01-0-8

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	14.563	2118	2121	2123	rVV	154416	162093	6.09%	0.457%
78	14.586	2123	2125	2128	rVB2	132153	114062	4.29%	0.321%
79	14.751	2151	2153	2156	rBV3	48259	44980	1.69%	0.127%
80	15.110	2210	2214	2218	rBV	690754	1171217	44.01%	3.300%
81	15.192	2225	2228	2230	rBV	61055	60588	2.28%	0.171%
82	15.221	2230	2233	2236	rVB	159157	147167	5.53%	0.415%
83	15.427	2263	2268	2274	rVB	416043	580847	21.83%	1.637%
84	15.492	2274	2279	2285	rVB	632019	804253	30.22%	2.266%
85	15.557	2286	2290	2293	rBV	377506	500877	18.82%	1.411%
86	15.586	2293	2295	2303	rVB2	182134	269012	10.11%	0.758%
87	17.104	2547	2553	2563	rVB2	223168	474390	17.83%	1.337%
88	17.574	2627	2633	2646	rVB	165983	361262	13.58%	1.018%

Sum of corrected areas: 35487367

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Instrument :
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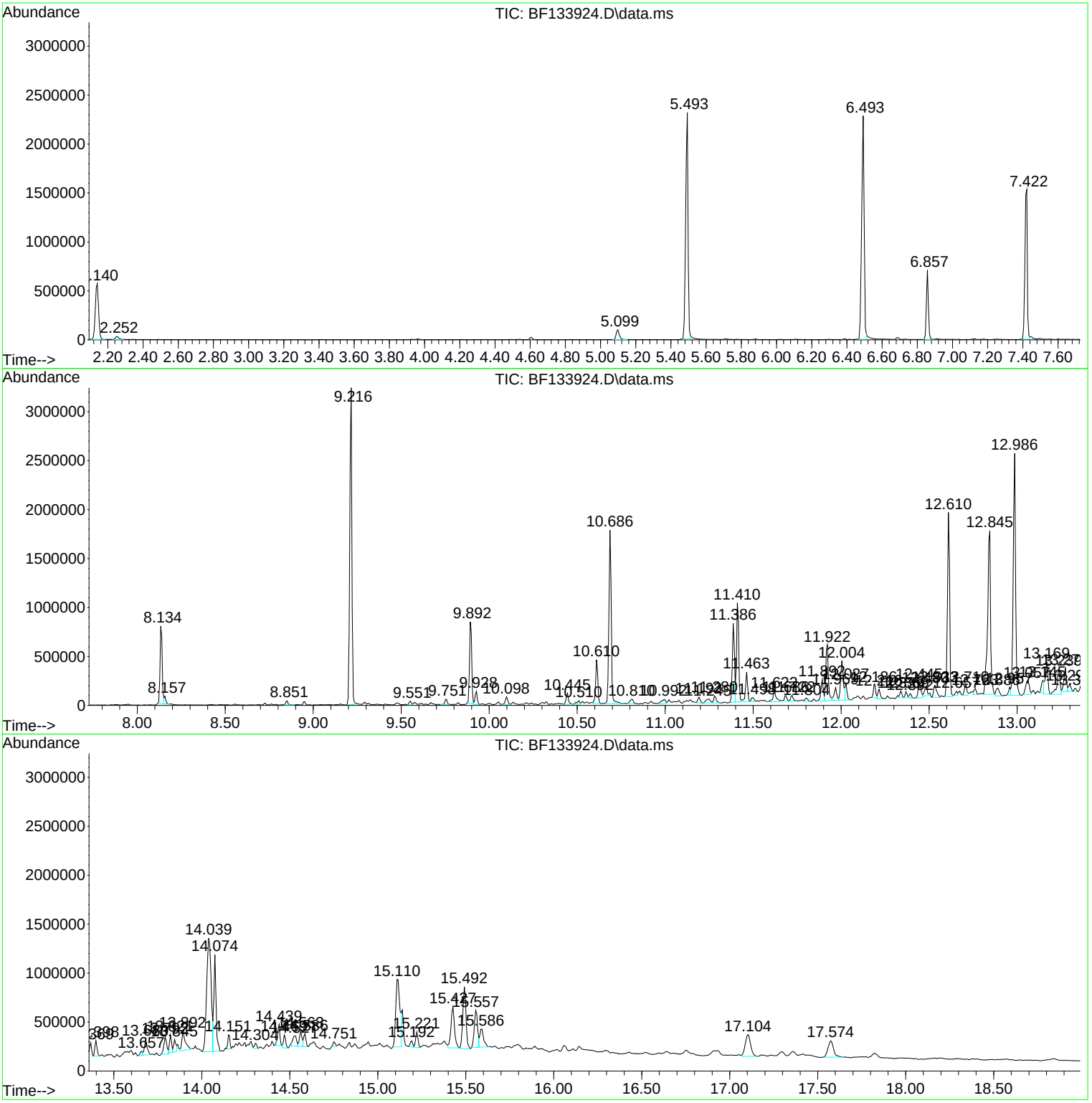
COMPOSIT-SW01-0-8

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 : BF133924.D
Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
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Instrument :
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COMPOSIT-SW01-0-8

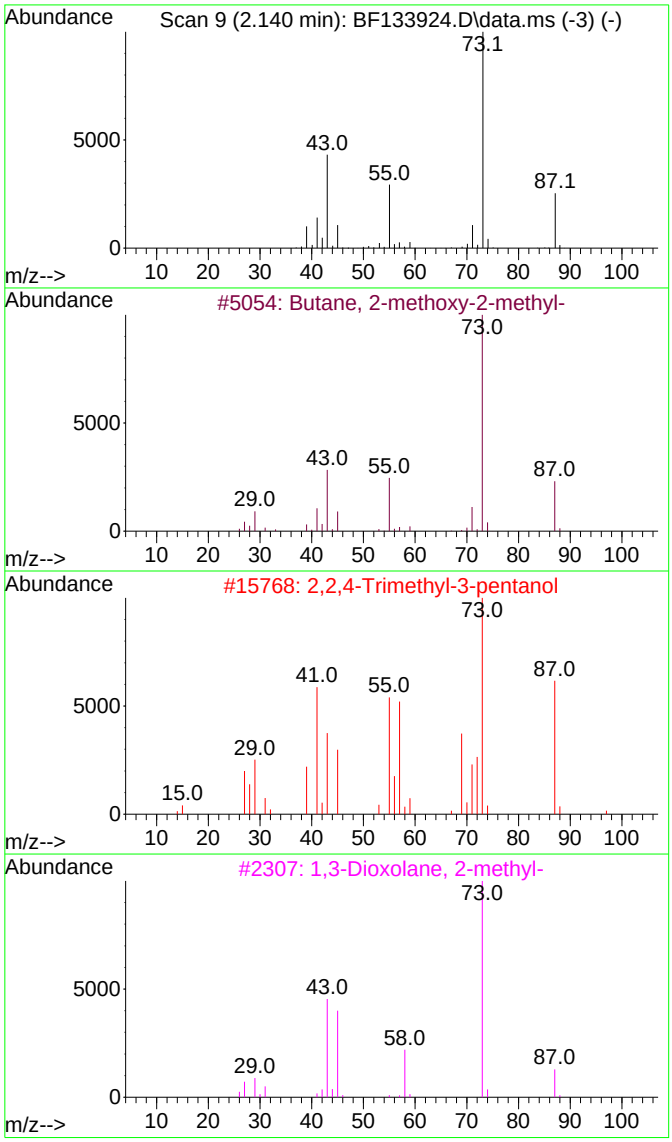
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

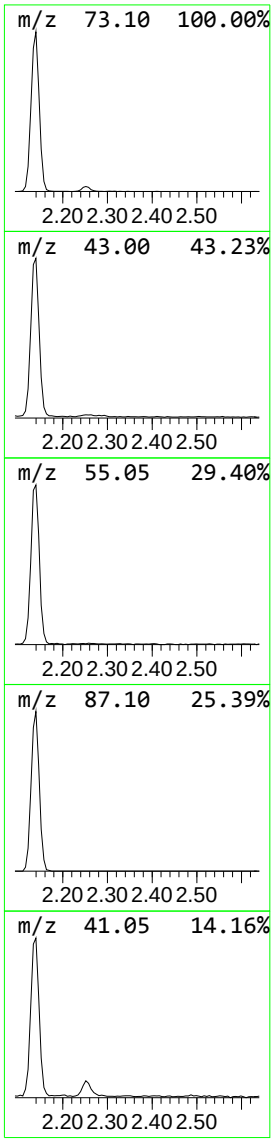
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	26.47 ng	729360	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	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133924.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

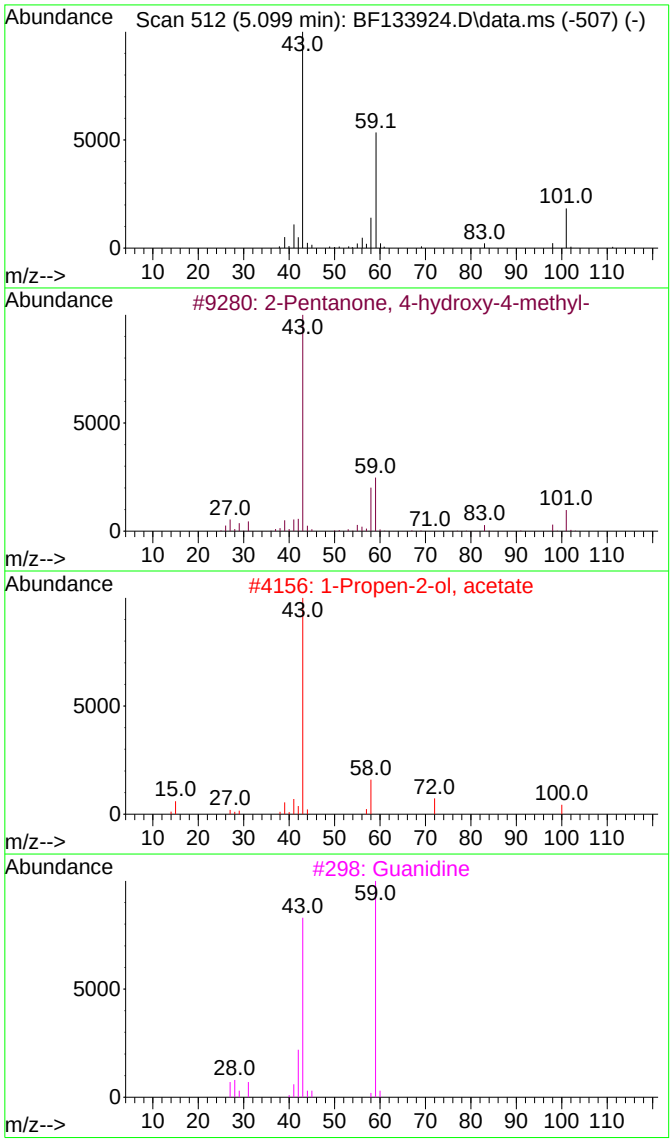
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

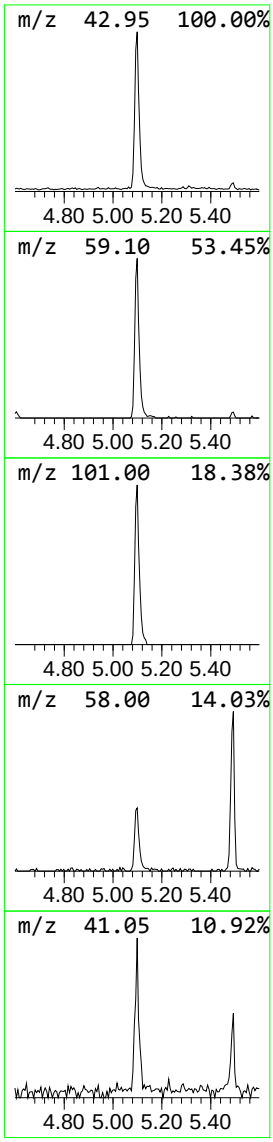
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.099	4.60 ng	126601	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	Guanidine	59	CH5N3	000113-00-8	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	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

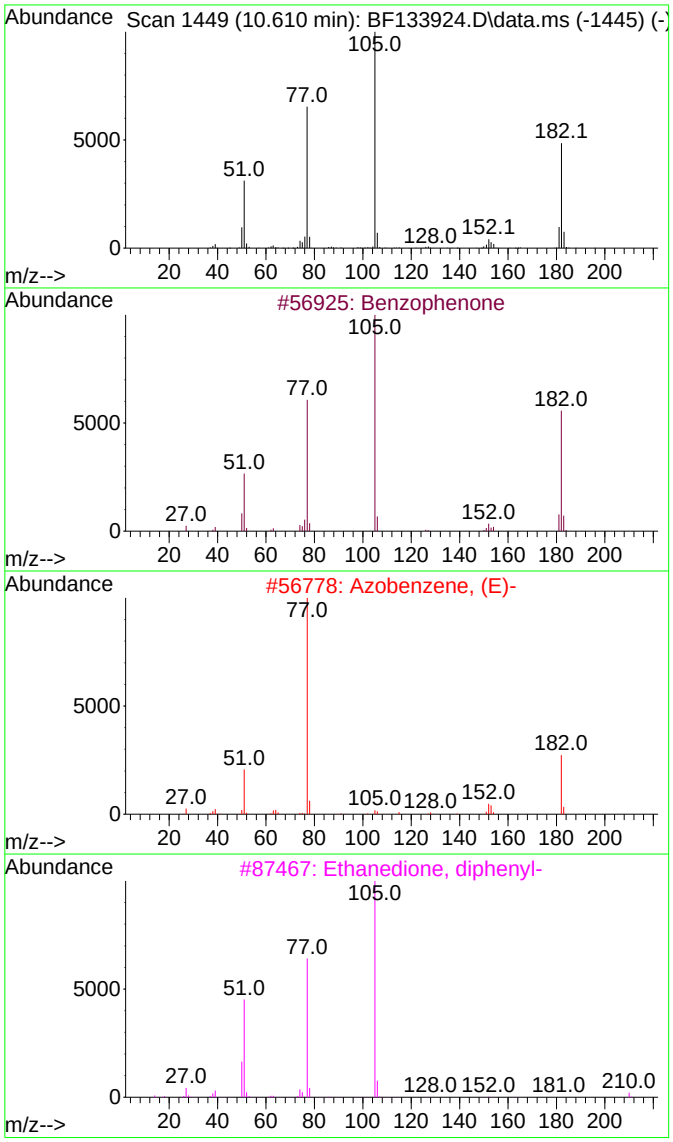
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

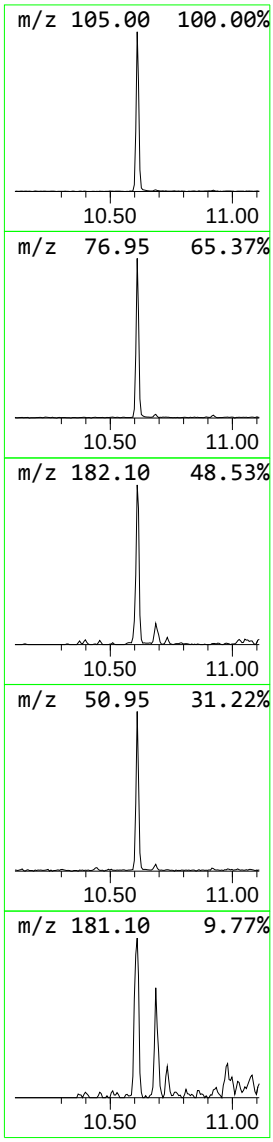
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	10.74 ng	384050	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
4	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	47
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





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

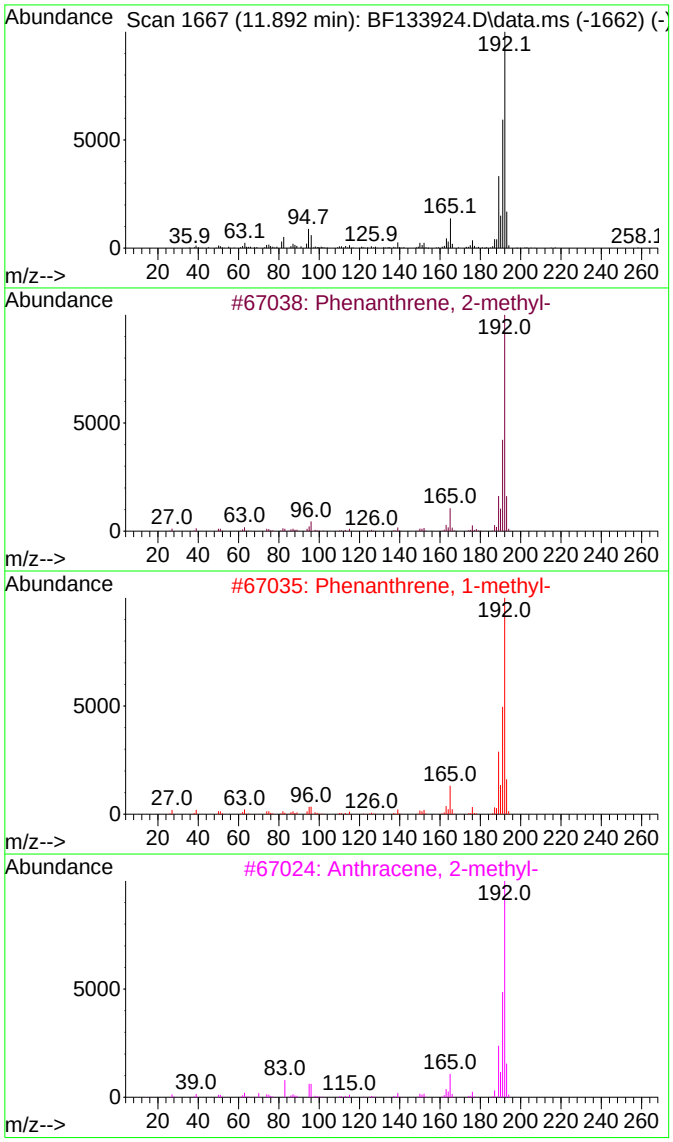
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

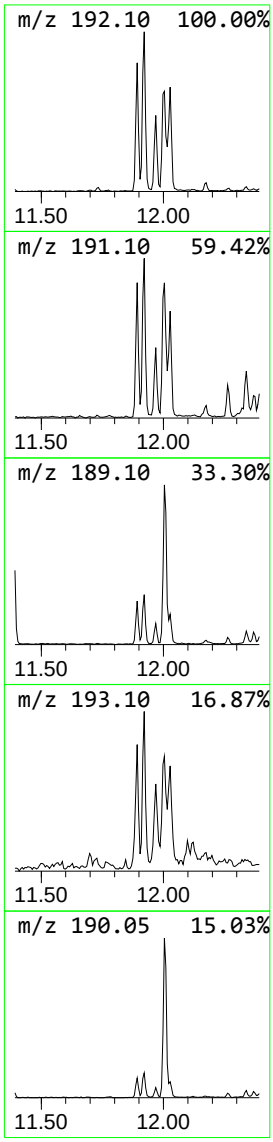
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.78 ng	200851	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, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

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

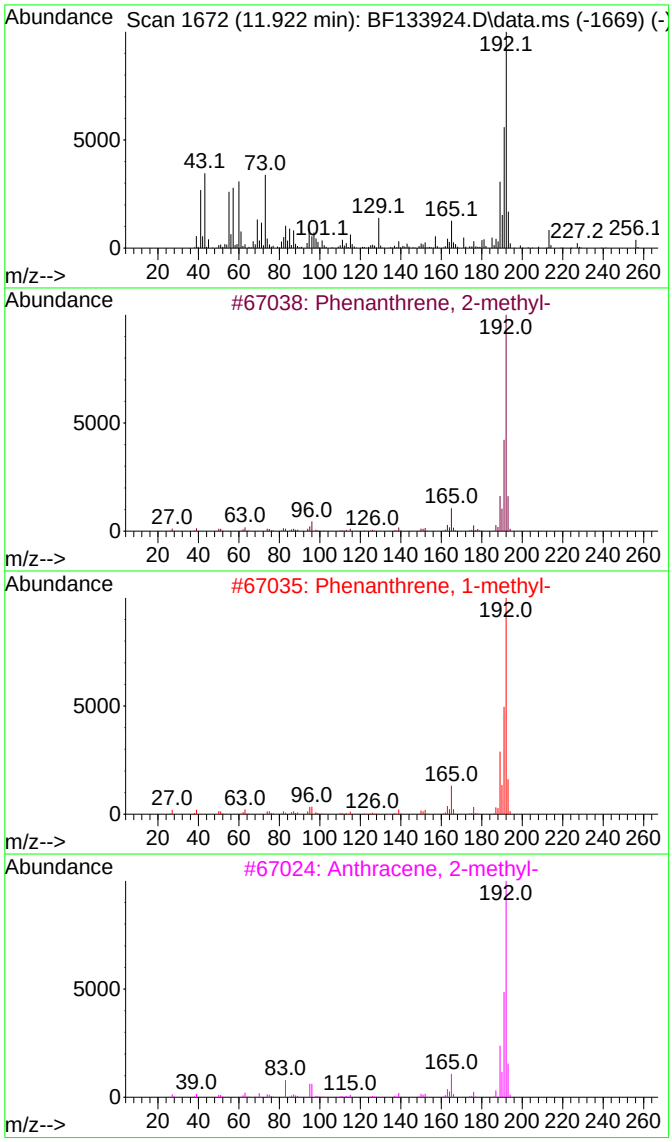
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

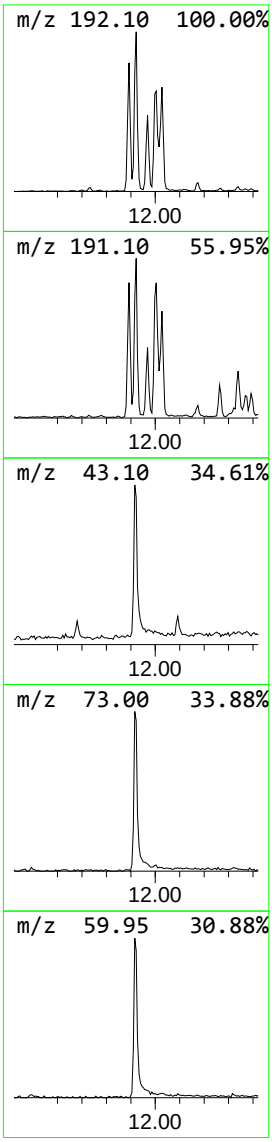
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	16.07 ng	558112	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, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





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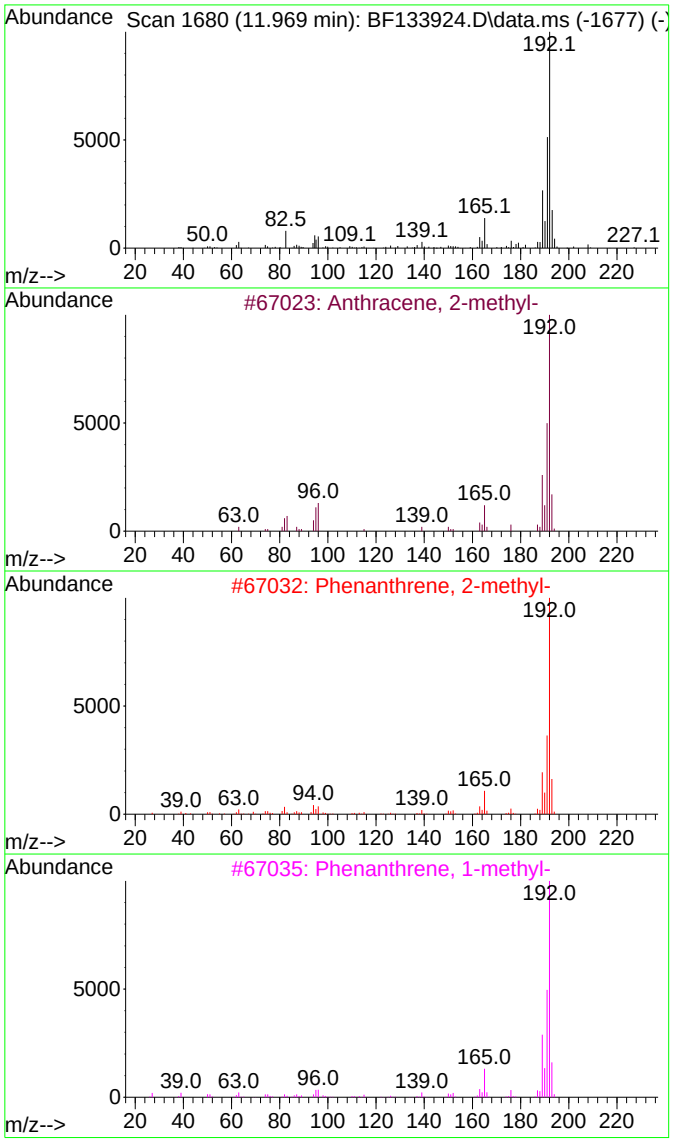
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

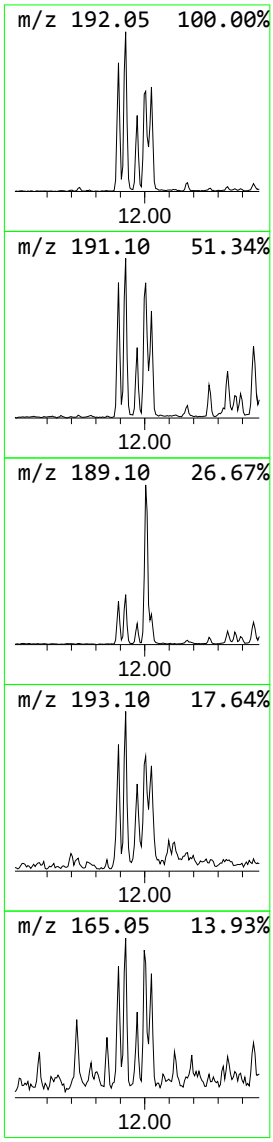
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.82 ng	132671	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
Misc :
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ClientSampleId :
COMPOSIT-SW01-0-8

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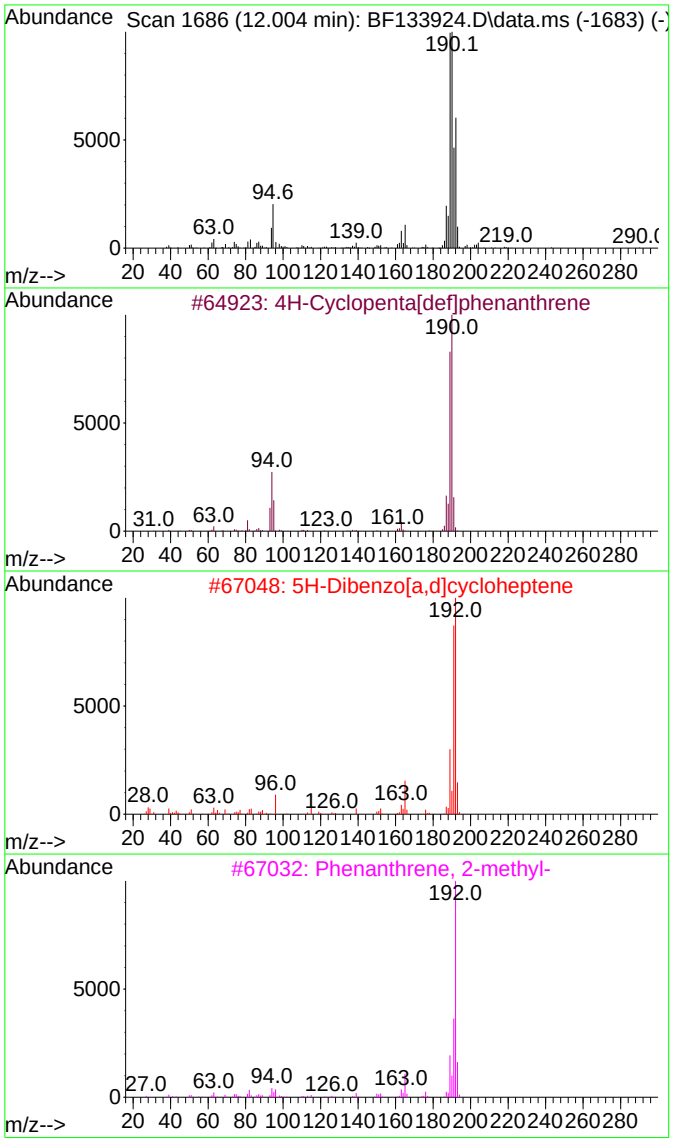
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

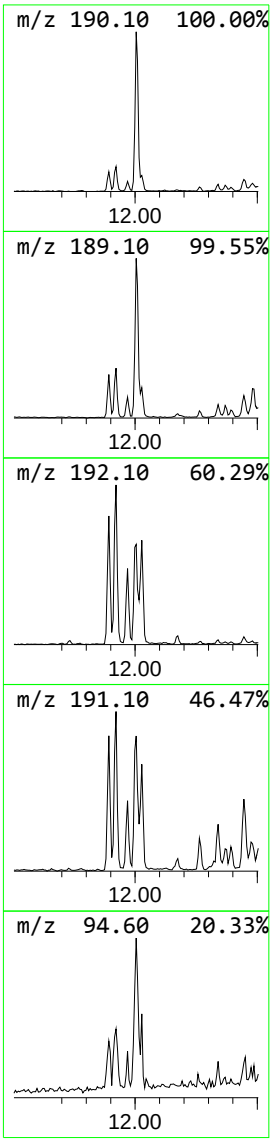
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	13.03 ng	452782	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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

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

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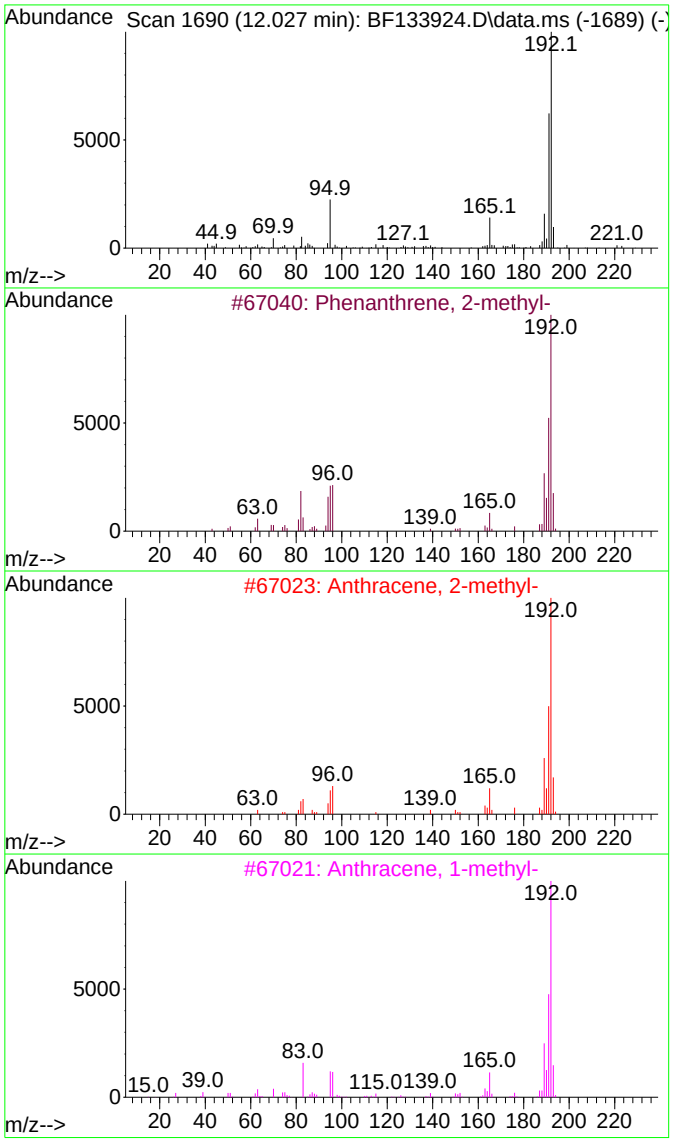
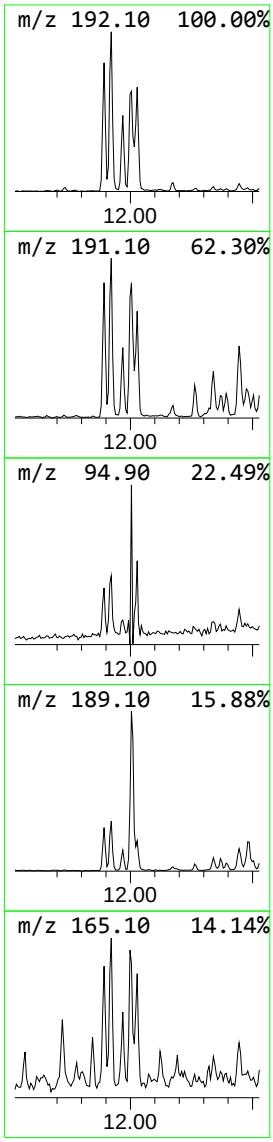
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.93 ng	101808	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	53





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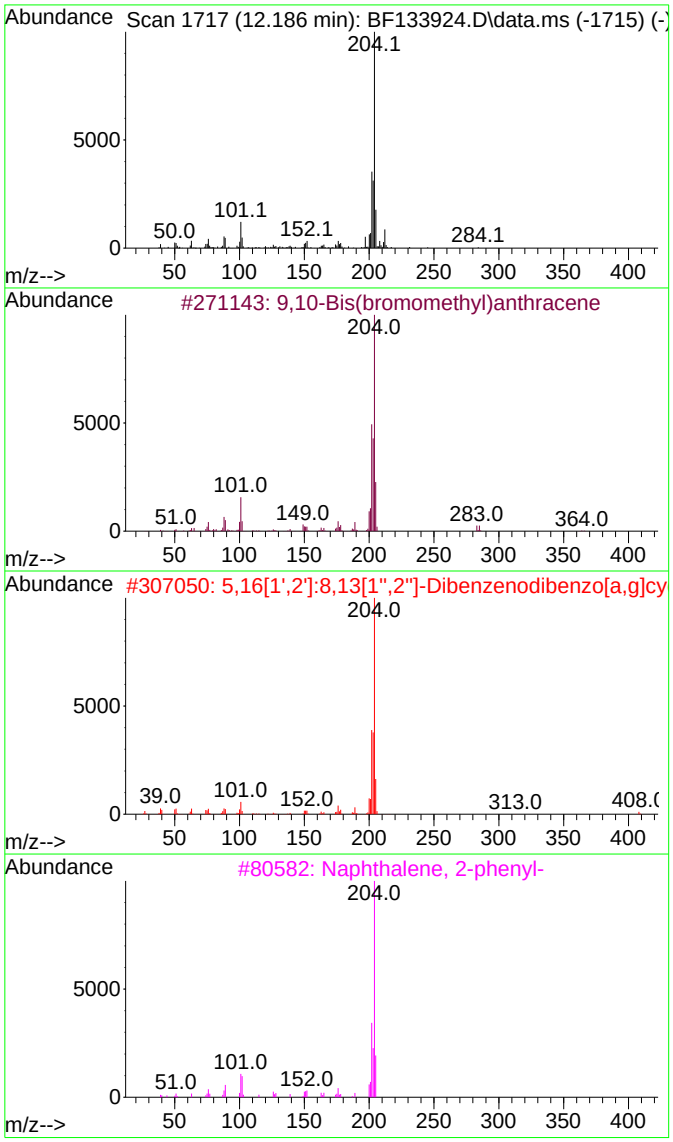
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

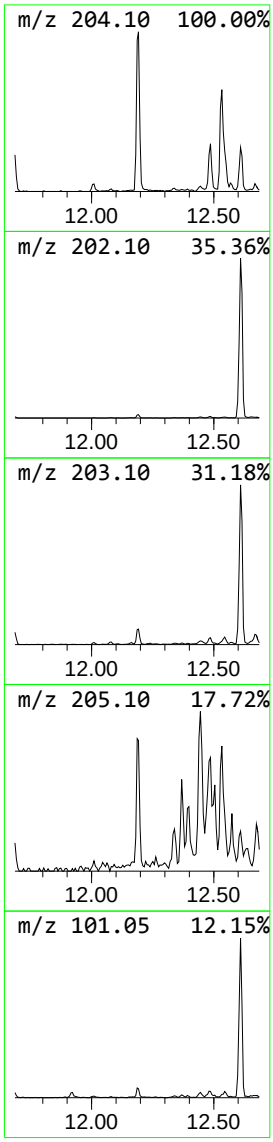
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Bis(bromomethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	3.46 ng	120355	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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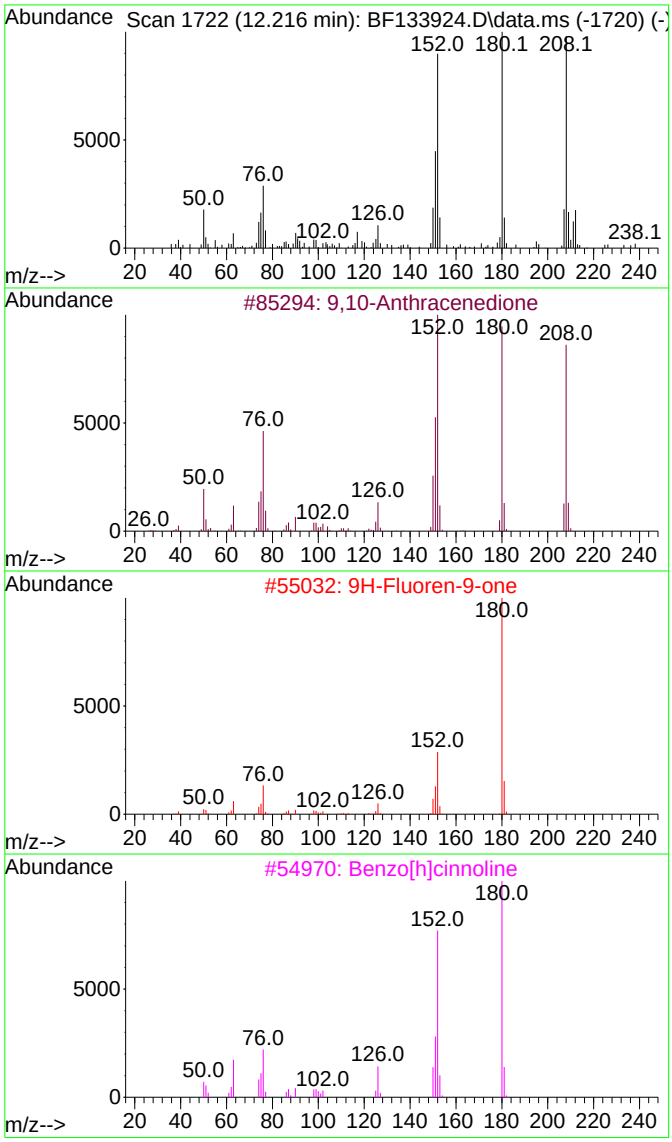
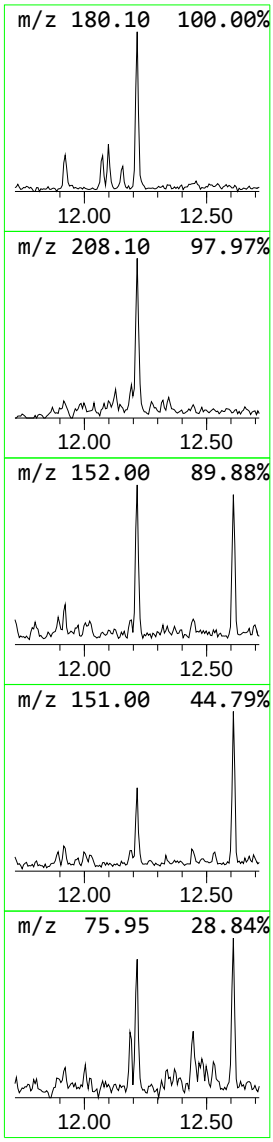
Peak Number 10 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.68 ng	93174	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[h]cinnoline	180	C12H8N2	000230-31-9	70
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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

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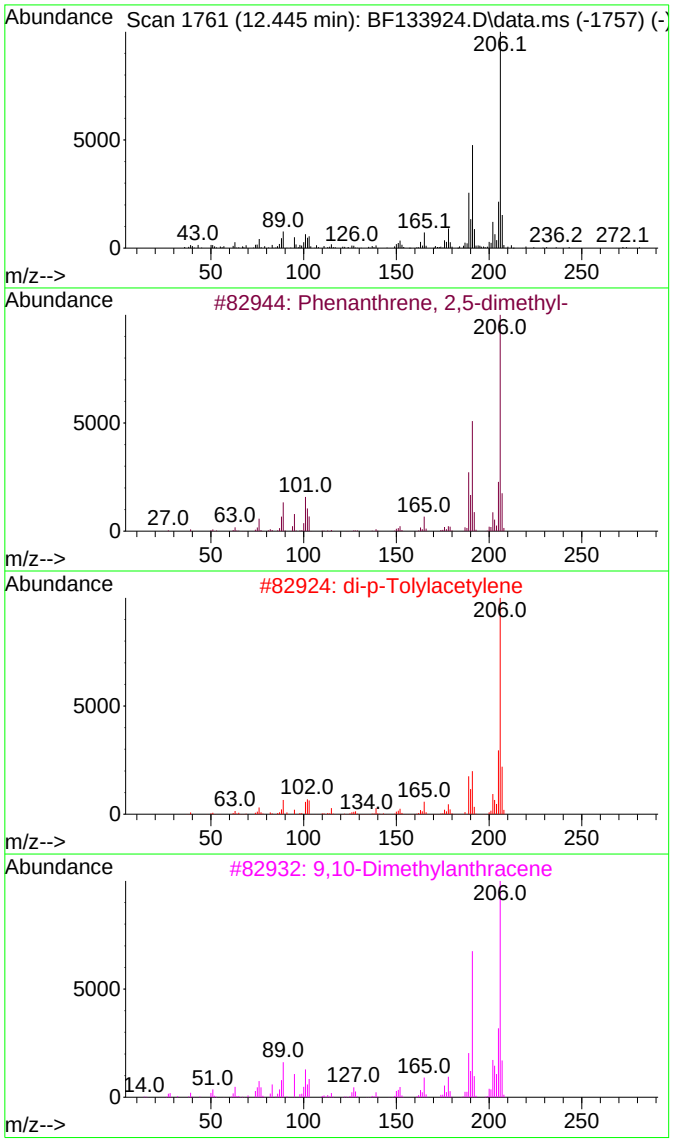
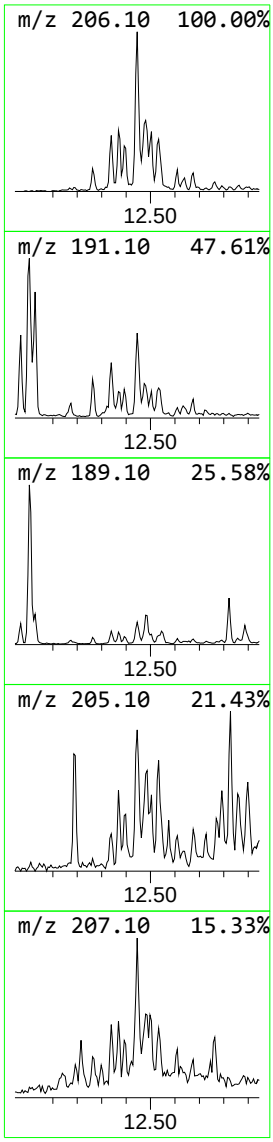
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	5.10 ng	177266	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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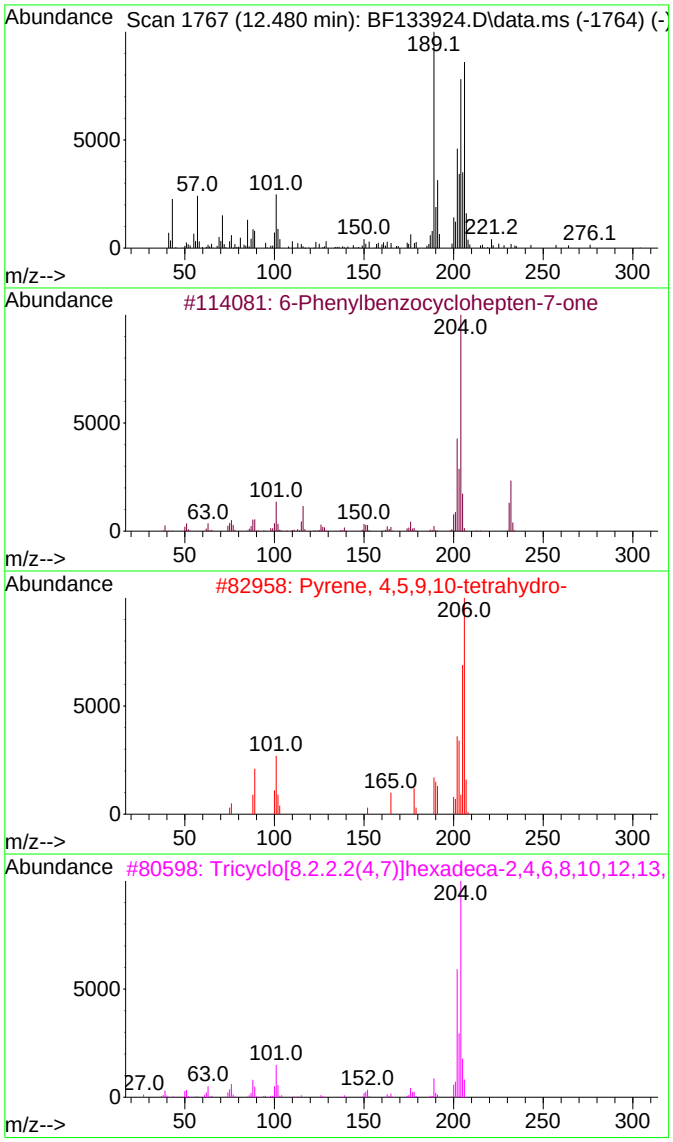
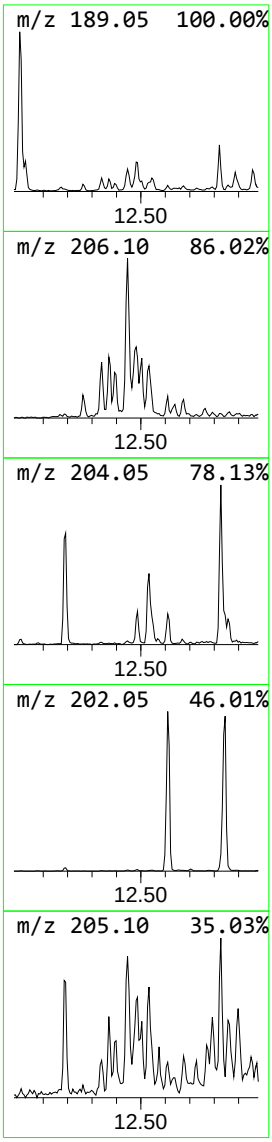
Peak Number 12 unknown12.480 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	3.26 ng	113080	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	42
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30





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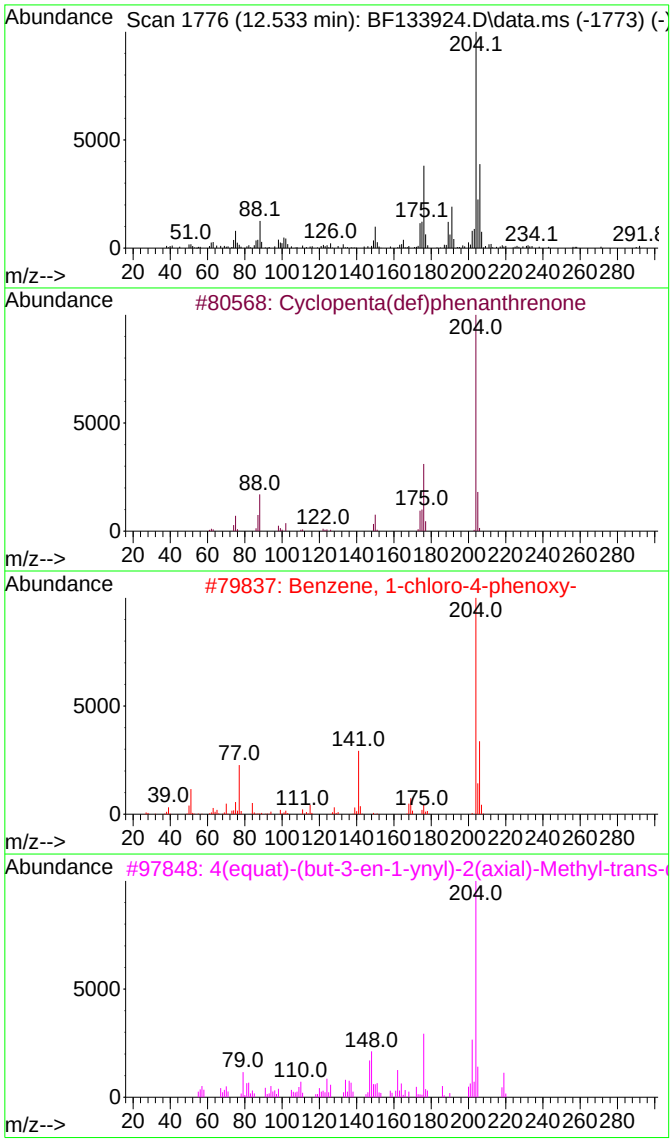
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

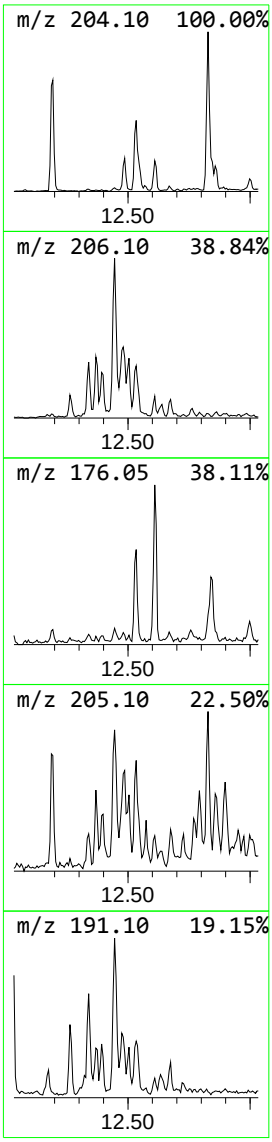
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	4.60 ng	159816	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43





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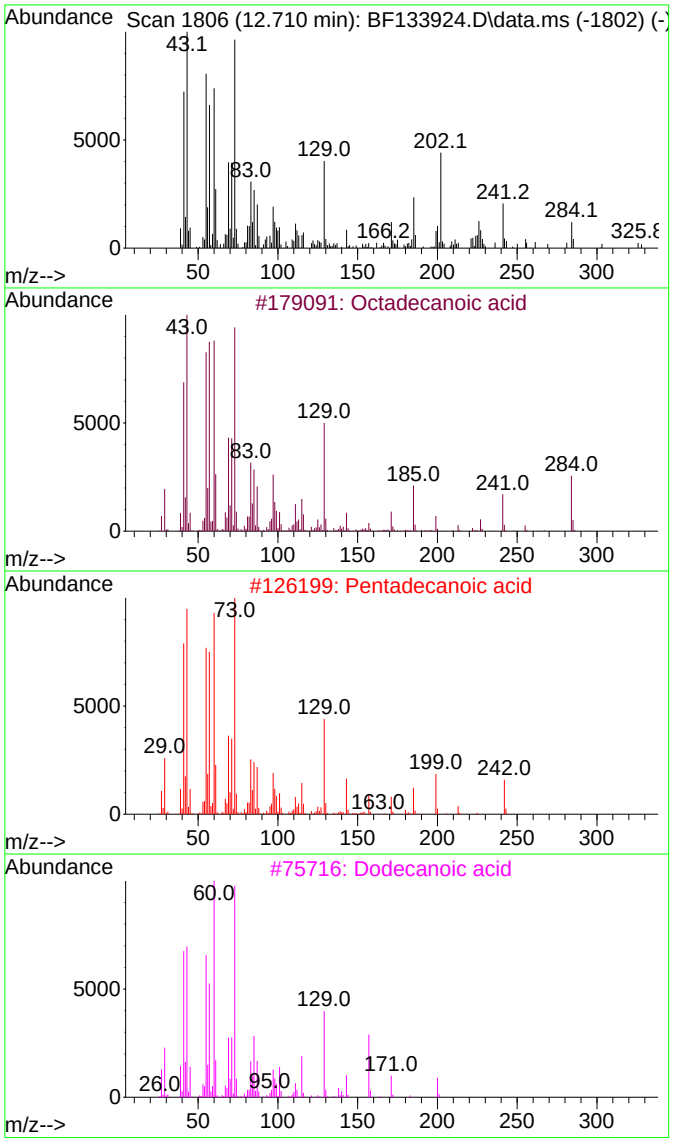
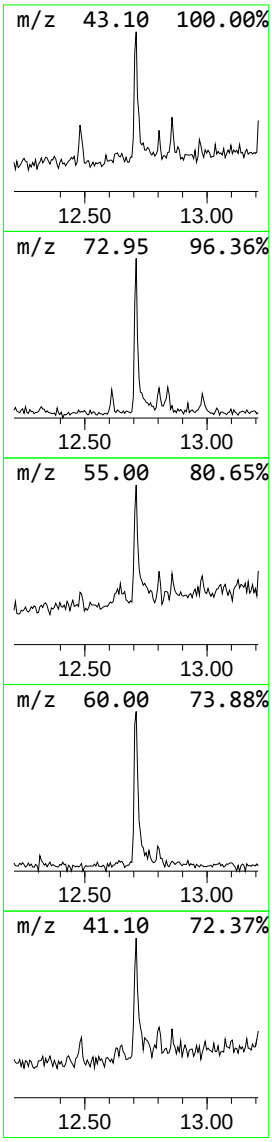
Peak Number 14 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	2.94 ng	102171	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	92
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





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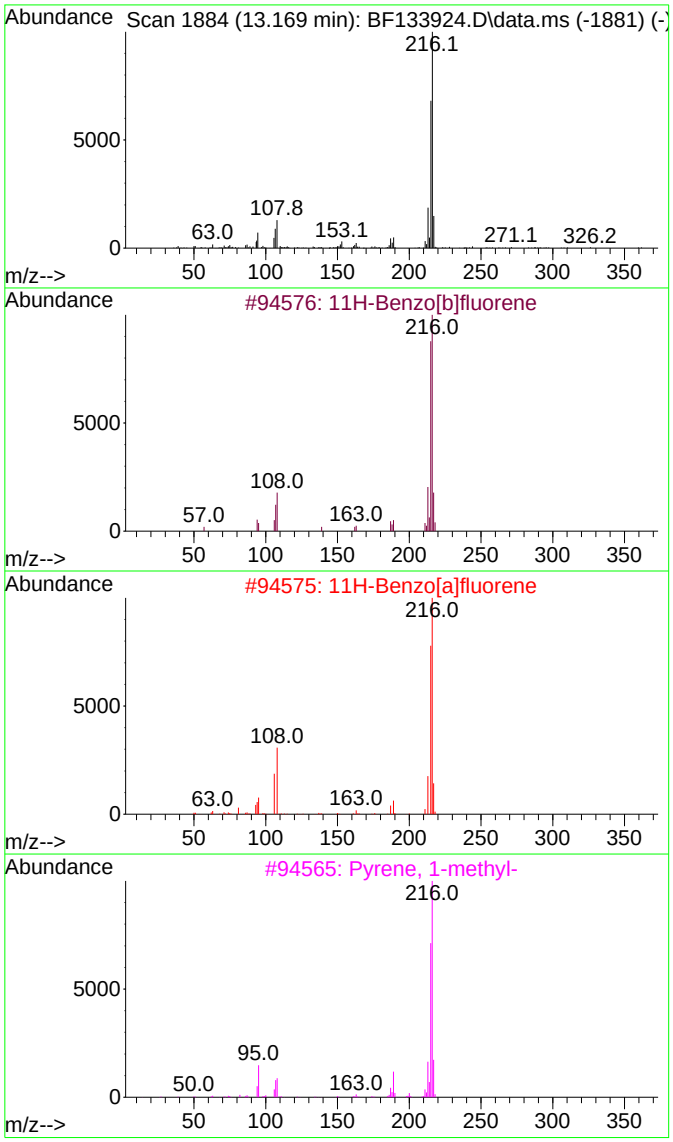
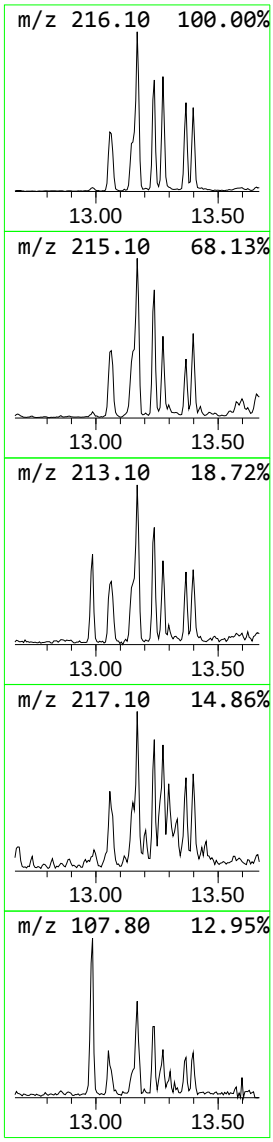
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.14 ng	329492	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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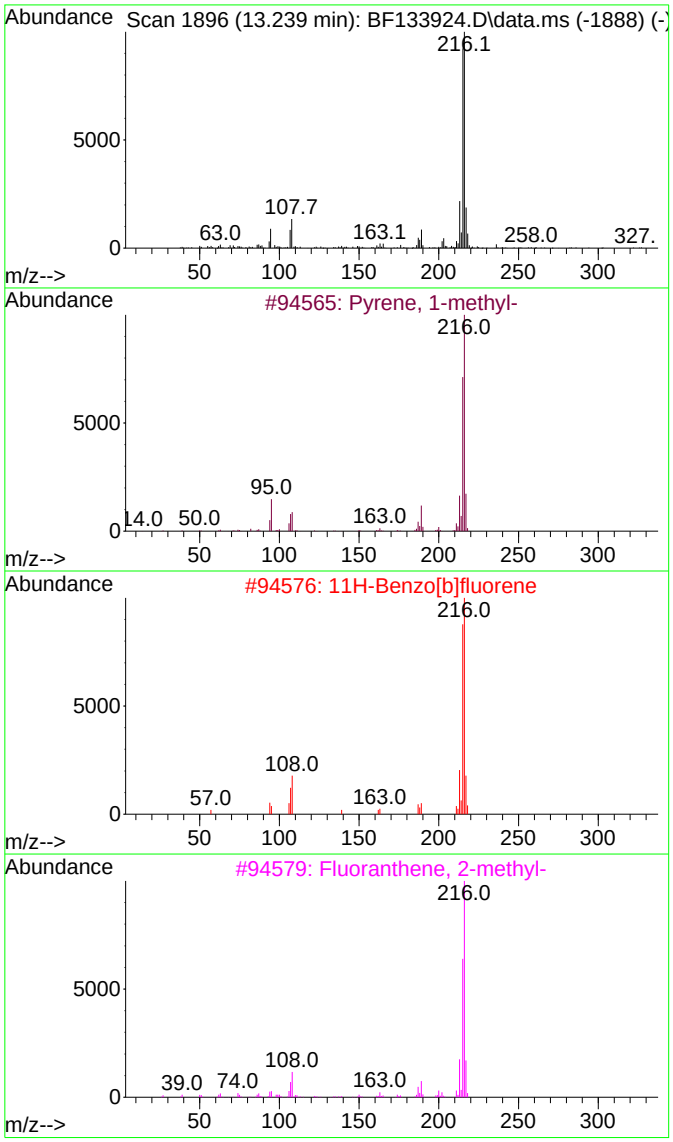
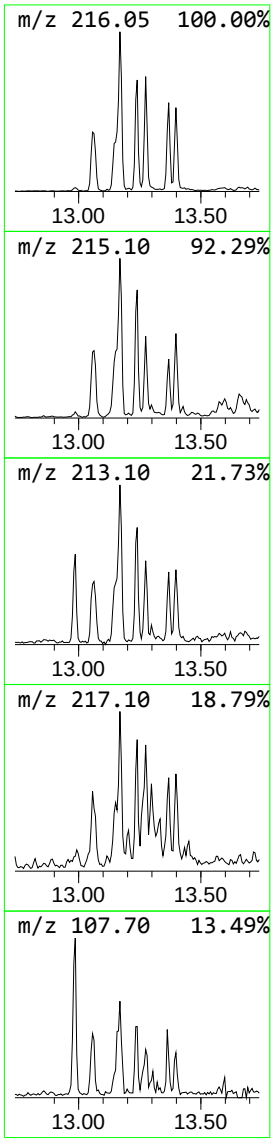
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.97 ng	311350	Chrysene-d12	14.051

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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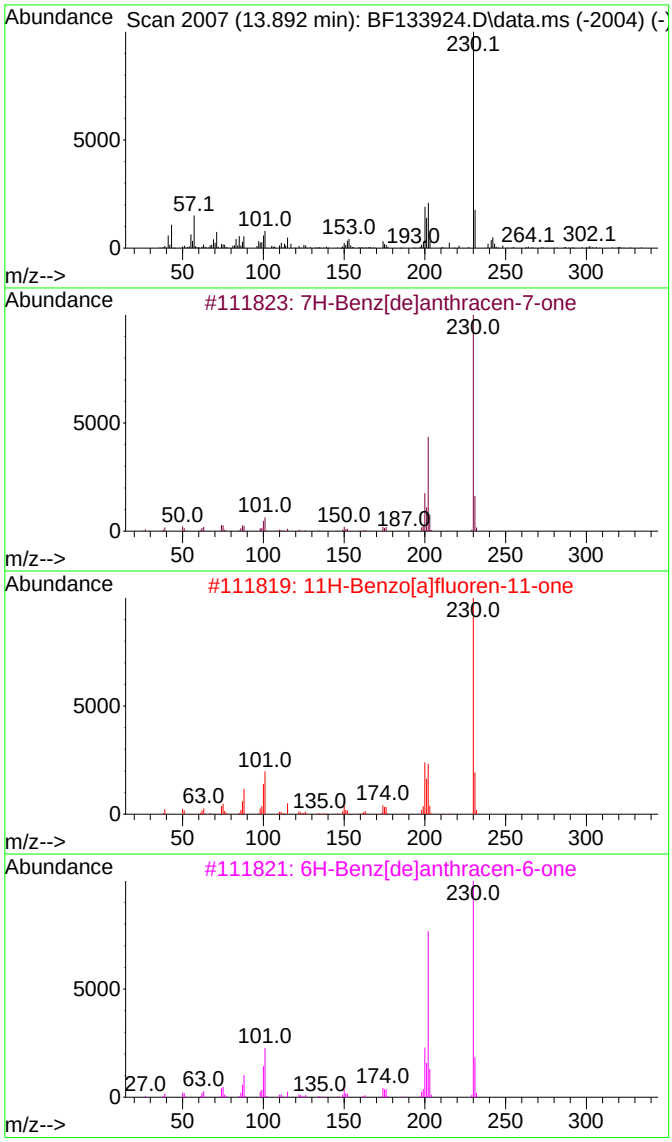
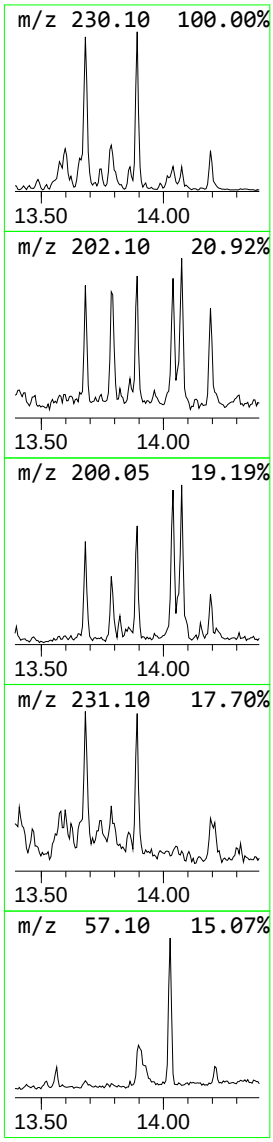
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.58 ng	270871	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	52
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133924.D
Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

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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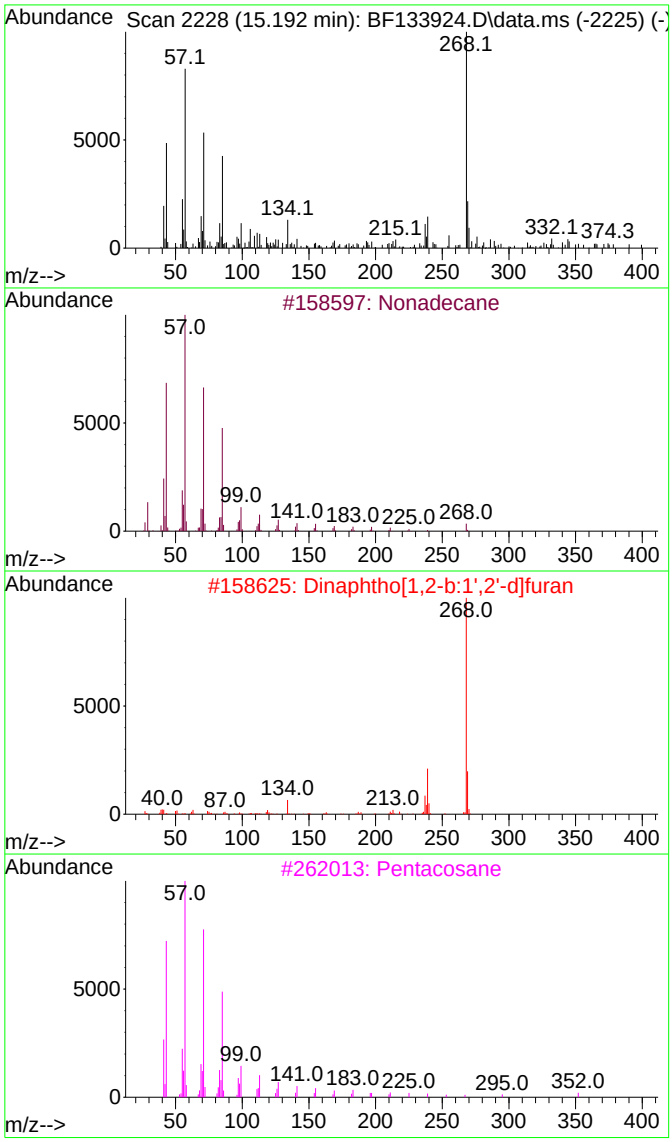
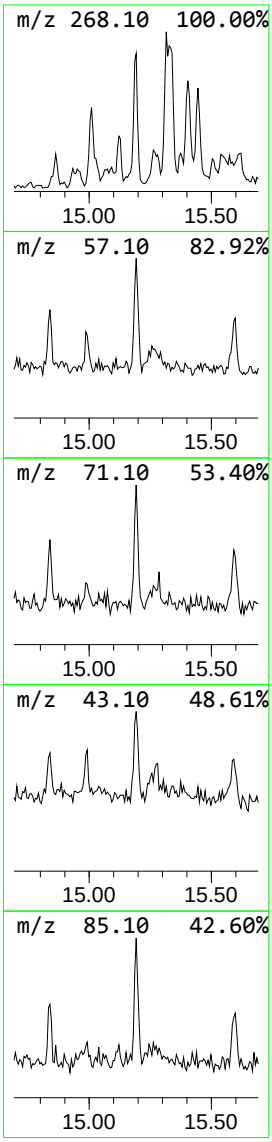
Peak Number 18 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	2.42 ng	60588	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	68
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	50
3	Pentacosane	352	C25H52	000629-99-2	46
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	44
5	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133924.D
Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

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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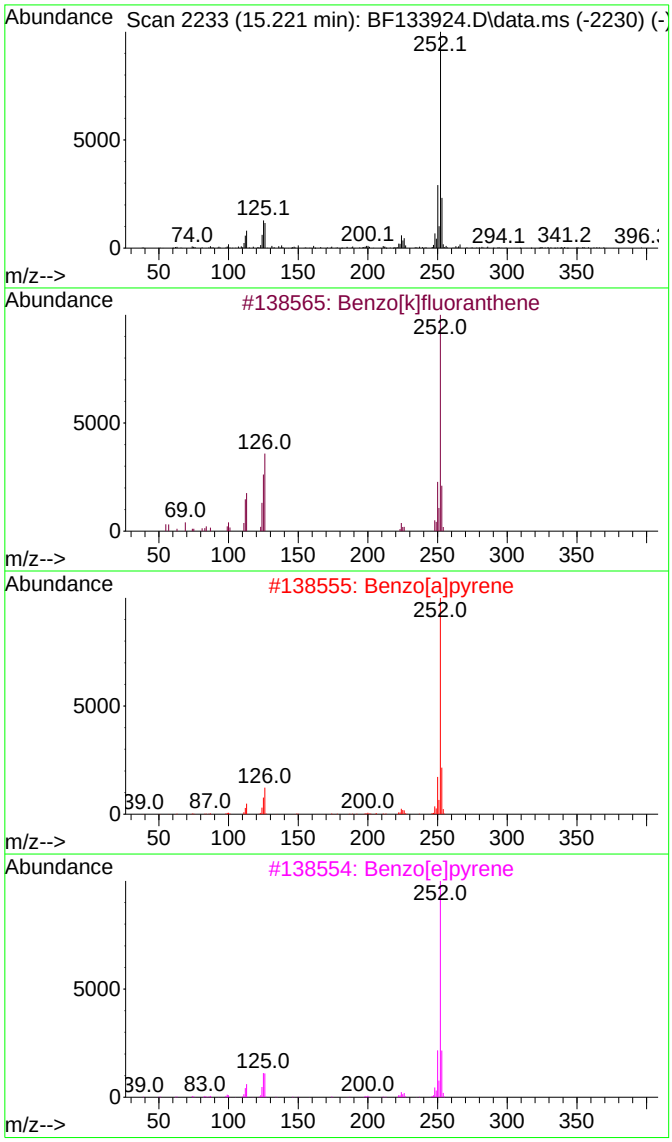
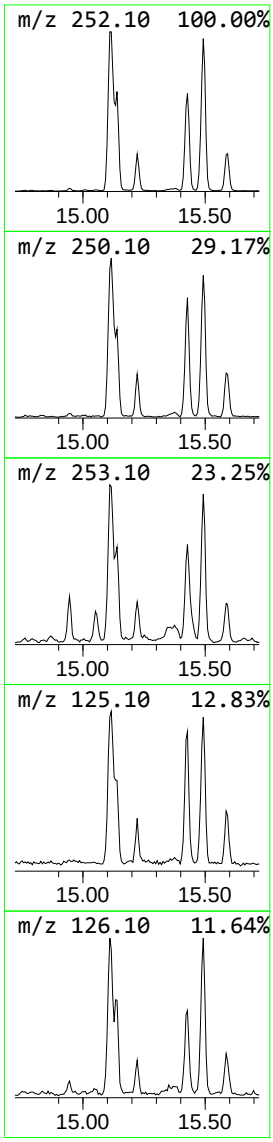
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	5.88 ng	147167	Perylene-d12	15.557

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133924.D
Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

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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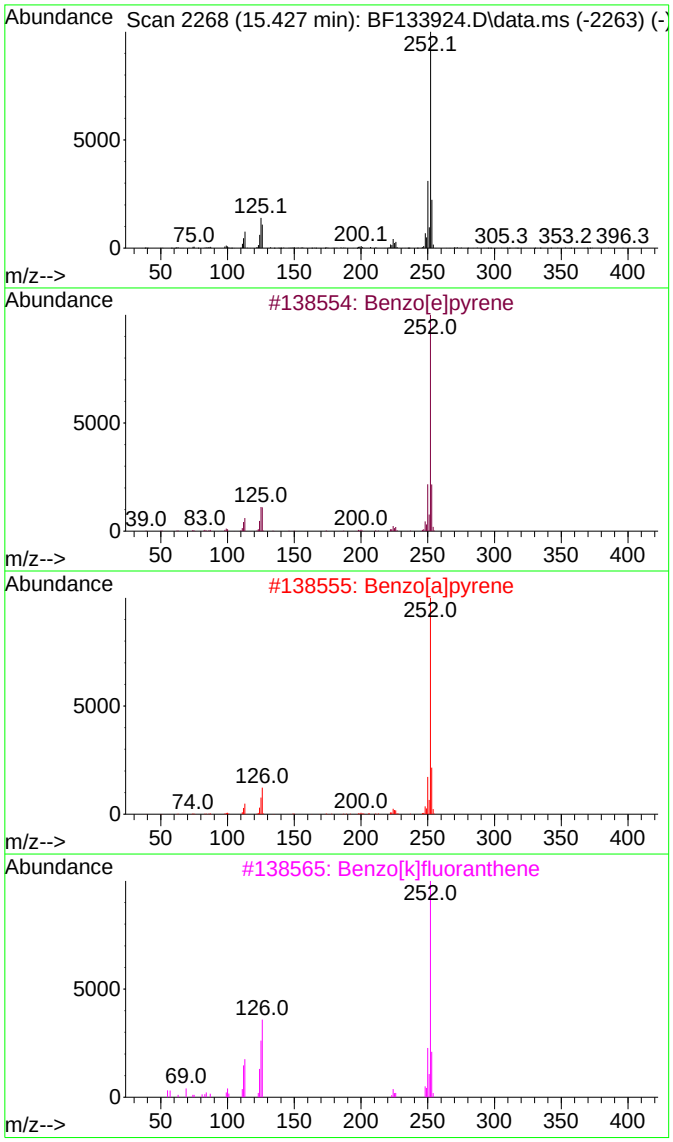
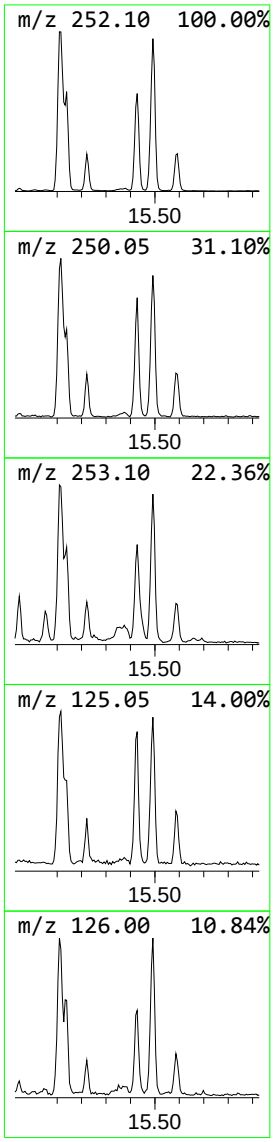
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	23.19 ng	580847	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[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133924.D
Acq On : 23 Jun 2023 03:38
Operator : CG\JU
Sample : 03329-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW01-0-8

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...	2.140	26.5	ng	729360	1	6.857	551022	20.0
2-Pentanone, 4-...	5.099	4.6	ng	126601	1	6.857	551022	20.0
Benzophenone	10.610	10.7	ng	384050	3	9.892	714847	20.0
Phenanthrene, 2...	11.892	5.8	ng	200851	4	11.386	694729	20.0
Phenanthrene, 1...	11.922	16.1	ng	558112	4	11.386	694729	20.0
Anthracene, 2-m...	11.969	3.8	ng	132671	4	11.386	694729	20.0
4H-Cyclopenta[d...	12.004	13.0	ng	452782	4	11.386	694729	20.0
Anthracene, 1-m...	12.028	2.9	ng	101808	4	11.386	694729	20.0
9,10-Bis(bromom...	12.186	3.5	ng	120355	4	11.386	694729	20.0
9,10-Anthracene...	12.216	2.7	ng	93174	4	11.386	694729	20.0
Phenanthrene, 2...	12.445	5.1	ng	177266	4	11.386	694729	20.0
unknown12.480	12.480	3.3	ng	113080	4	11.386	694729	20.0
Cyclopenta(def)...	12.533	4.6	ng	159816	4	11.386	694729	20.0
Octadecanoic acid	12.710	2.9	ng	102171	4	11.386	694729	20.0
11H-Benzo[b]flu...	13.169	3.1	ng	329492	5	14.051	2098620	20.0
Pyrene, 1-methyl-	13.239	3.0	ng	311350	5	14.051	2098620	20.0
7H-Benz[de]anth...	13.892	2.6	ng	270871	5	14.051	2098620	20.0
Nonadecane	15.192	2.4	ng	60588	6	15.557	500877	20.0
Benzo[e]pyrene	15.221	5.9	ng	147167	6	15.557	500877	20.0
Perylene	15.427	23.2	ng	580847	6	15.557	500877	20.0