LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133927.D
Acq On : 23 Jun 2023 05:14
Operator : CG\JU
Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-0-8

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: BF133927.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	557402	710628	20.47%	1.645%
2	2.252	23	28	36	rVB	29368	41676	1.20%	0.096%
3	5.093	507	511	525	rVB	102227	125307	3.61%	0.290%
4	5.493	574	579	593	rVB	1827405	1759841	50.70%	4.074%
5	6.492	744	749	752	rBV	1971409	1762566	50.78%	4.081%
6	6.857	808	811	818	rBV	815613	638981	18.41%	1.479%
7	7.416	902	906	910	rBV	1218506	1150486	33.14%	2.664%
8	8.139	1026	1029	1031	rVV	926491	806771	23.24%	1.868%
9	8.157	1031	1032	1037	rVB	217365	136402	3.93%	0.316%
10	8.851	1147	1150	1157	rVB	124767	100273	2.89%	0.232%
11	8.951	1163	1167	1170	rBV	87830	73216	2.11%	0.170%
12	9.216	1208	1212	1215	rBV	2615158	2113036	60.87%	4.892%
13	9.480	1252	1257	1261	rBV	46598	64350	1.85%	0.149%
14	9.551	1266	1269	1272	rBV	83266	82846	2.39%	0.192%
15	9.669	1286	1289	1294	rBV	44431	46692	1.35%	0.108%
16	9.757	1300	1304	1307	rBV	94541	79716	2.30%	0.185%
17	9.898	1324	1328	1330	rVV	842787	748950	21.58%	1.734%
18	9.928	1330	1333	1337	rVB	359687	277031	7.98%	0.641%
19	10.051	1350	1354	1359	rBV2	29811	43415	1.25%	0.101%
20	10.098	1359	1362	1366	rVV	206359	191268	5.51%	0.443%
21	10.139	1366	1369	1374	rVV	42711	45559	1.31%	0.105%
22	10.210	1378	1381	1384	rVV	36030	36438	1.05%	0.084%
23	10.239	1384	1386	1392	rVB	36239	35808	1.03%	0.083%
24	10.304	1392	1397	1399	rBV2	34205	43889	1.26%	0.102%
25	10.445	1417	1421	1427	rBV	350022	302008	8.70%	0.699%
26	10.610	1445	1449	1452	rVB2	157773	171886	4.95%	0.398%
27	10.686	1458	1462	1468	rBV	1402226	1238226	35.67%	2.867%
28	10.816	1479	1484	1489	rVB4	63035	100324	2.89%	0.232%
29	10.998	1508	1515	1517	rBV3	79966	116219	3.35%	0.269%
30	11.122	1532	1536	1538	rBV3	51211	60256	1.74%	0.139%
31	11.192	1545	1548	1552	rVB2	102615	92976	2.68%	0.215%
32	11.233	1552	1555	1556	rBV	51876	42155	1.21%	0.098%
33	11.286	1561	1564	1569	rVB	157104	141202	4.07%	0.327%
34	11.392	1578	1582	1583	rBV	776007	701435	20.21%	1.624%
35	11.416	1583	1586	1590	rVV	2319214	2081436	59.96%	4.819%
36	11.469	1590	1595	1598	rVV	580457	573200	16.51%	1.327%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
COMPOSIT-SW02-0-8

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	11.498	1598	1600	1603	rVB2	65176	60931	1.76%	0.141%
38	11.622	1614	1621	1629	rBV2	267830	327485	9.43%	0.758%
39	11.686	1629	1632	1636	rVV3	82958	88015	2.54%	0.204%
40	11.722	1636	1638	1643	rVB3	53601	59651	1.72%	0.138%
41	11.892	1662	1667	1669	rVV	276063	259437	7.47%	0.601%
42	11.922	1669	1672	1676	rVV	616139	545882	15.73%	1.264%
43	11.969	1677	1680	1683	rVV	163931	149634	4.31%	0.346%
44	12.010	1683	1687	1689	rVV	494477	531710	15.32%	1.231%
45	12.027	1689	1690	1695	rVB	182561	128262	3.69%	0.297%
46	12.074	1695	1698	1700	rBV2	41170	46774	1.35%	0.108%
47	12.098	1700	1702	1705	rVB2	46319	42824	1.23%	0.099%
48	12.192	1715	1718	1720	rBV	223040	174226	5.02%	0.403%
49	12.216	1720	1722	1725	rVB	158802	128989	3.72%	0.299%
50	12.339	1738	1743	1746	rBV	78833	89331	2.57%	0.207%
51	12.374	1746	1749	1751	rBV	69090	56795	1.64%	0.131%
52	12.398	1751	1753	1755	rVB	62560	46855	1.35%	0.108%
53	12.445	1758	1761	1765	rBV	146133	173600	5.00%	0.402%
54	12.486	1765	1768	1770	rBV	89109	79437	2.29%	0.184%
55	12.533	1773	1776	1782	rVB2	139933	156397	4.51%	0.362%
56	12.616	1785	1790	1793	rBV	2954914	2932776	84.49%	6.790%
57	12.674	1798	1800	1803	rVB	67706	56023	1.61%	0.130%
58	12.710	1803	1806	1808	rBV2	93313	82074	2.36%	0.190%
59	12.763	1812	1815	1819	rVB2	93618	89032	2.56%	0.206%
60	12.845	1823	1829	1835	rBV2	2338420	3471269	100.00%	8.036%
61	12.963	1845	1849	1850	rBV	183733	168558	4.86%	0.390%
62	12.986	1850	1853	1860	rVB	1990803	1872057	53.93%	4.334%
63	13.063	1861	1866	1869	rBV3	186949	308724	8.89%	0.715%
64	13.092	1869	1871	1874	rVV	72657	68815	1.98%	0.159%
65	13.145	1877	1880	1882	rVV3	175843	209905	6.05%	0.486%
66	13.174	1882	1885	1888	rVB	510091	453049	13.05%	1.049%
67	13.239	1893	1896	1899	rVV	441706	348000	10.03%	0.806%
68	13.274	1899	1902	1905	rVV2	269843	304980	8.79%	0.706%
69	13.304	1905	1907	1910	rVB3	93887	85216	2.45%	0.197%
70	13.333	1910	1912	1915	rBV	69804	54781	1.58%	0.127%
71	13.368	1915	1918	1921	rVB	135304	106495	3.07%	0.247%
72	13.398	1921	1923	1927	rBV2	128921	145044	4.18%	0.336%
73	13.563	1946	1951	1952	rBV4	79623	109308	3.15%	0.253%
74	13.657	1964	1967	1969	rBV3	79430	94662	2.73%	0.219%
75	13.686	1969	1972	1976	rVB	184190	217433	6.26%	0.503%
76	13.798	1987	1991	1993	rBV3	234535	255825	7.37%	0.592%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.827	1993	1996	1998	rVV	222700	235327	6.78%	0.545%
78	13.845	1998	1999	2005	rVV2	188406	292113	8.42%	0.676%
79	13.892	2005	2007	2016	rVB2	229226	298927	8.61%	0.692%
80	14.045	2026	2033	2037	rBV2	1739430	2710725	78.09%	6.276%
81	14.080	2037	2039	2044	rVB	1459354	1236445	35.62%	2.863%
82	14.157	2049	2052	2055	rVB	307328	229472	6.61%	0.531%
83	14.245	2065	2067	2069	rBV	73363	51481	1.48%	0.119%
84	14.263	2069	2070	2071	rVV	64744	41173	1.19%	0.095%
85	14.280	2071	2073	2076	rVB	142889	116582	3.36%	0.270%
86	14.310	2076	2078	2080	rVB	58136	41310	1.19%	0.096%
87	14.439	2097	2100	2103	rVB	266010	240216	6.92%	0.556%
88	14.474	2103	2106	2110	rVB2	140904	127641	3.68%	0.296%
89	14.563	2119	2121	2123	rBV	143056	128602	3.70%	0.298%
90	14.586	2123	2125	2129	rVB2	175298	145922	4.20%	0.338%
91	14.757	2151	2154	2157	rBV2	94569	101369	2.92%	0.235%
92	14.839	2166	2168	2171	rVB2	60270	52311	1.51%	0.121%
93	15.121	2210	2216	2219	rBV	1018671	1751382	50.45%	4.055%
94	15.227	2230	2234	2237	rVB	215783	230639	6.64%	0.534%
95	15.433	2265	2269	2275	rVB	563385	750766	21.63%	1.738%
96	15.498	2275	2280	2286	rBV	822278	1070943	30.85%	2.479%
97	15.562	2287	2291	2294	rVV	369803	505278	14.56%	1.170%
98	15.592	2294	2296	2303	rVB2	255294	350429	10.10%	0.811%
99	17.109	2549	2554	2564	rVB2	319202	676840	19.50%	1.567%
100	17.586	2629	2635	2648	rVB	229739	491737	14.17%	1.138%

Sum of corrected areas: 43194359

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Instrument :
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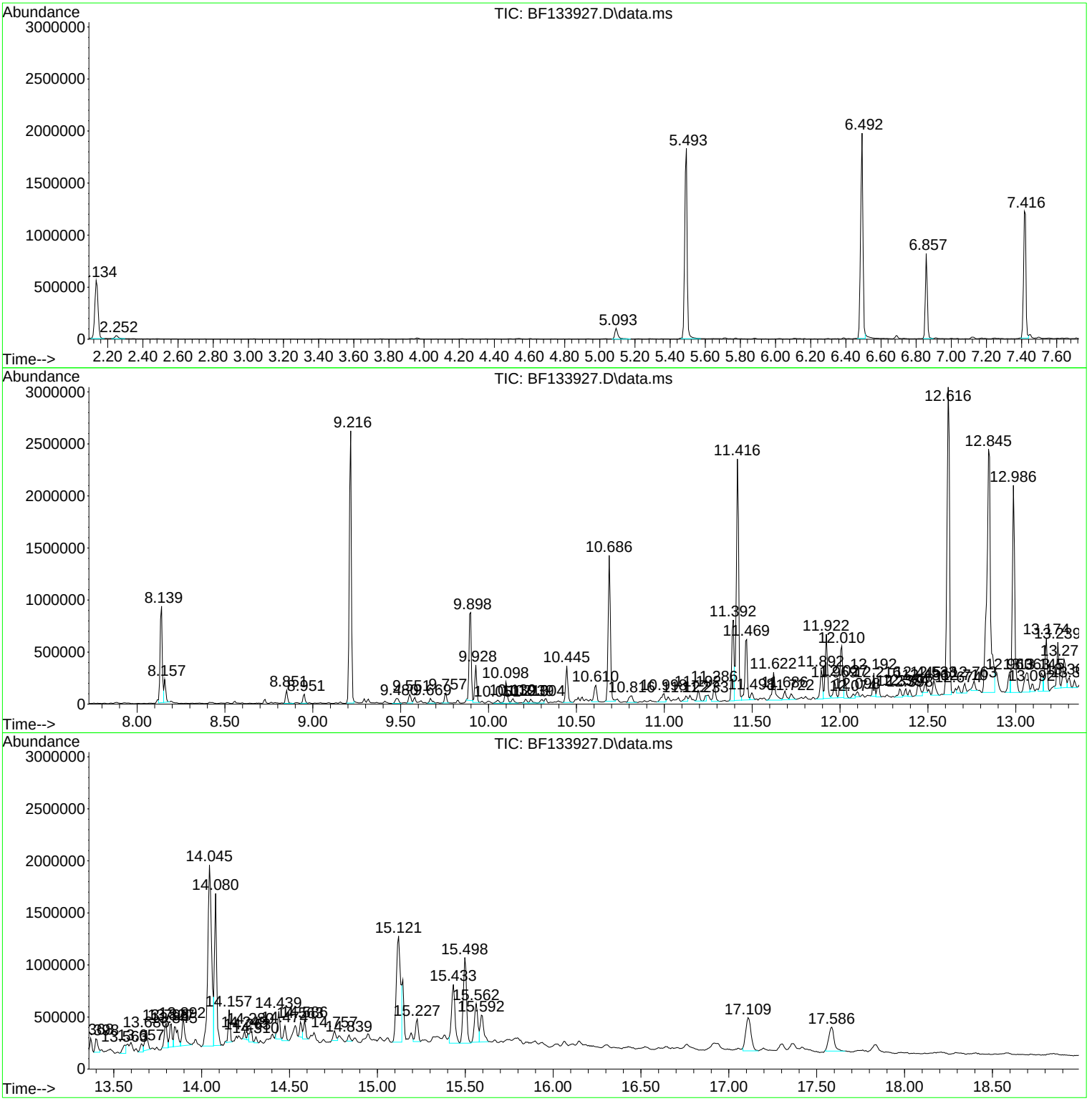
ClientSampleId :
COMPOSIT-SW02-0-8

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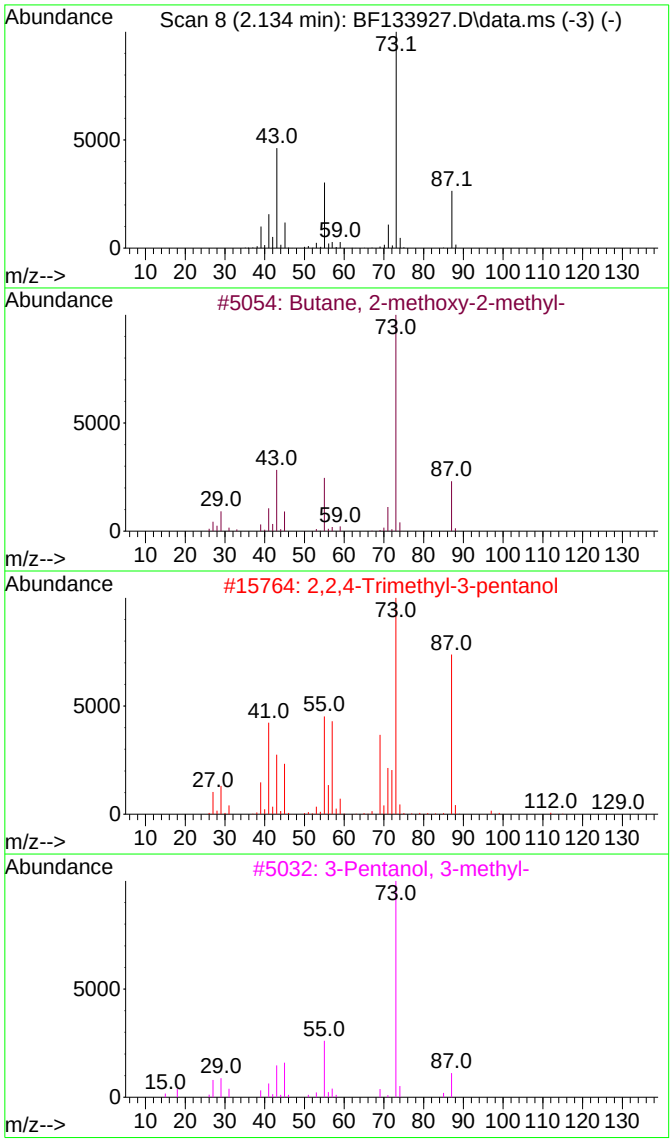
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

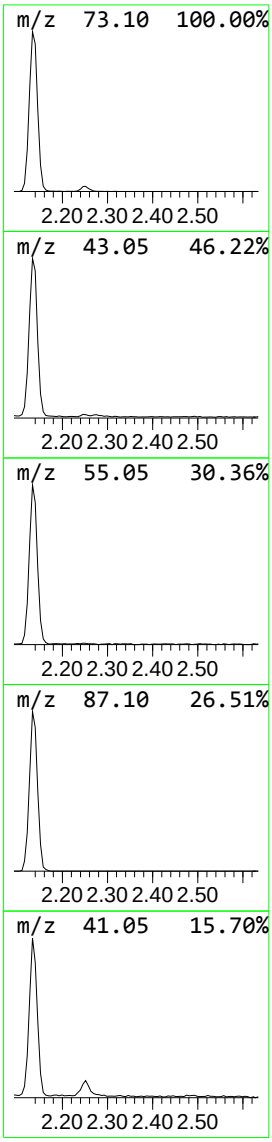
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	22.24 ng	710628	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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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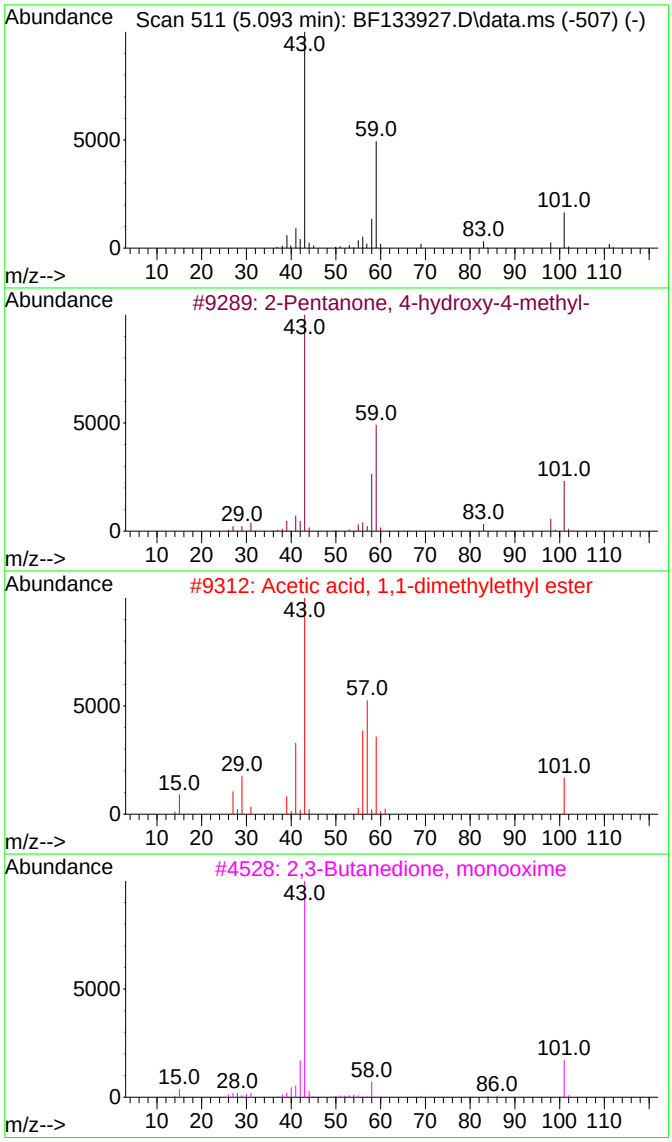
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

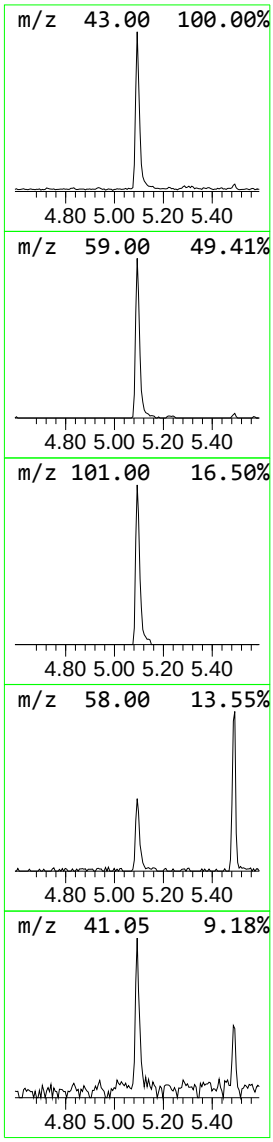
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	3.92 ng	125307	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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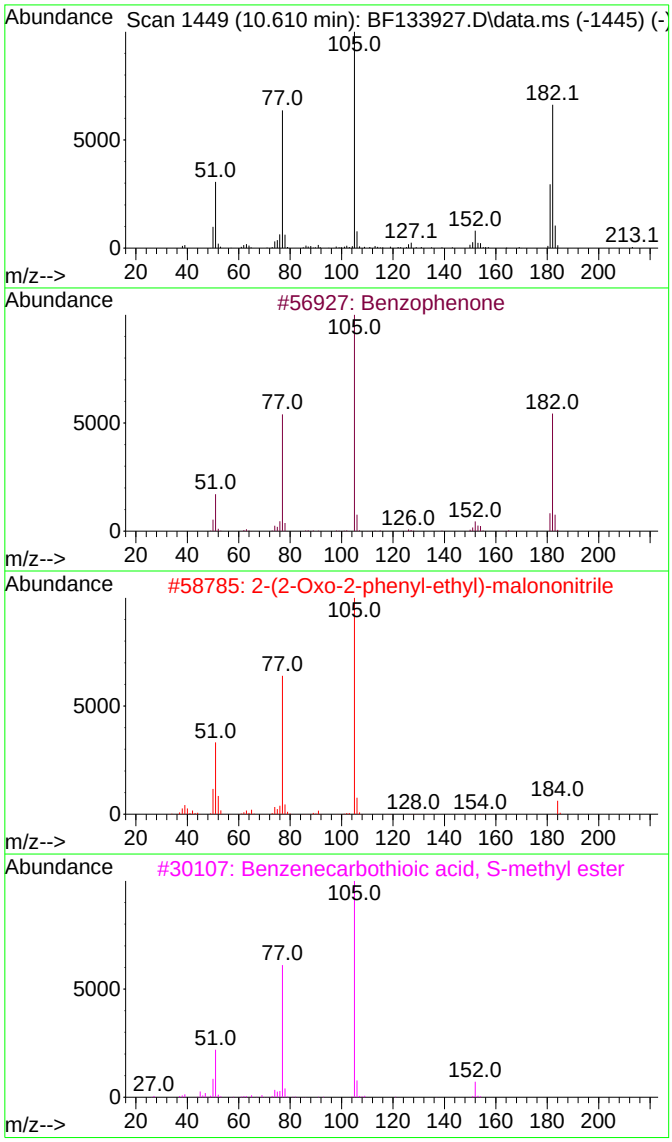
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

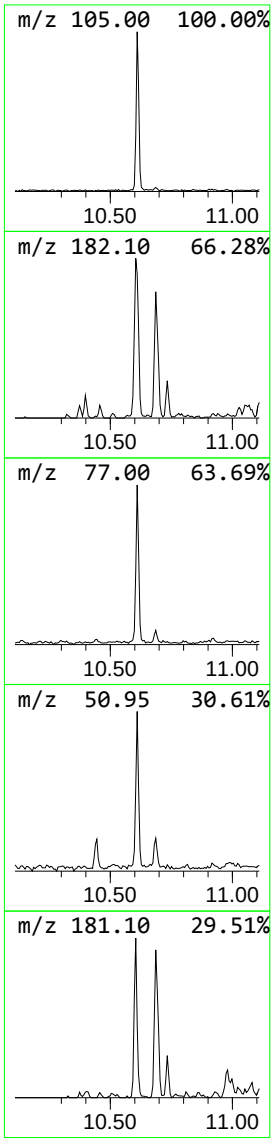
****

Peak Number 3 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.59 ng	171886	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Benzoylformic acid	150	C8H6O3	000611-73-4	43
5	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	38





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

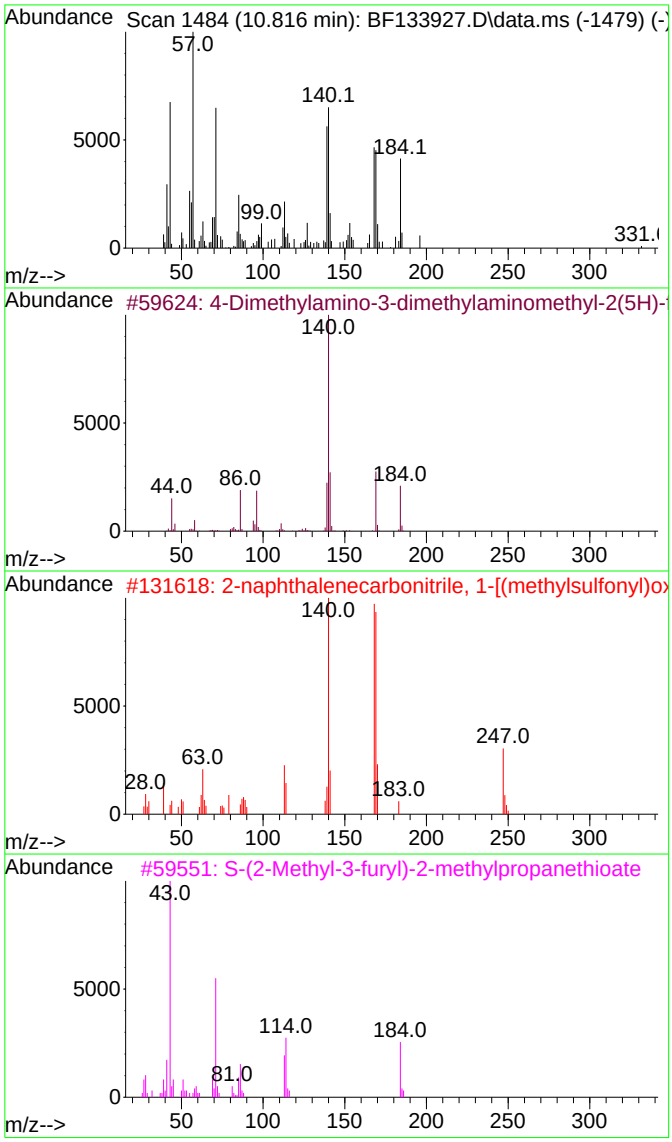
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

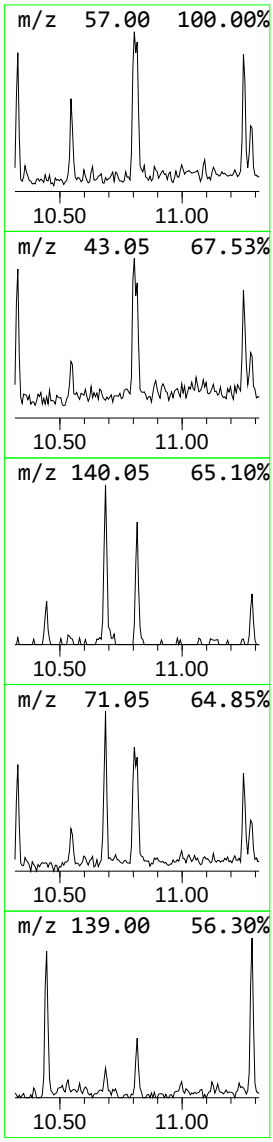
****

Peak Number 4 unknown10.816 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	2.86 ng	100324	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dimethylamino-3-dimethylaminom...	184	C9H16N2O2	1000427-46-3	35
2	2-naphthalenecarbonitrile, 1-[(m...	247	C12H9NO3S	1000396-59-4	27
3	S-(2-Methyl-3-furyl)-2-methylpro...	184	C9H12O2S	1000360-32-7	25
4	2-Cyclohexen-3-ol-1-one, 2-propi...	168	C9H12O3	062847-90-9	25
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	15





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ClientSampleId :
COMPOSIT-SW02-0-8

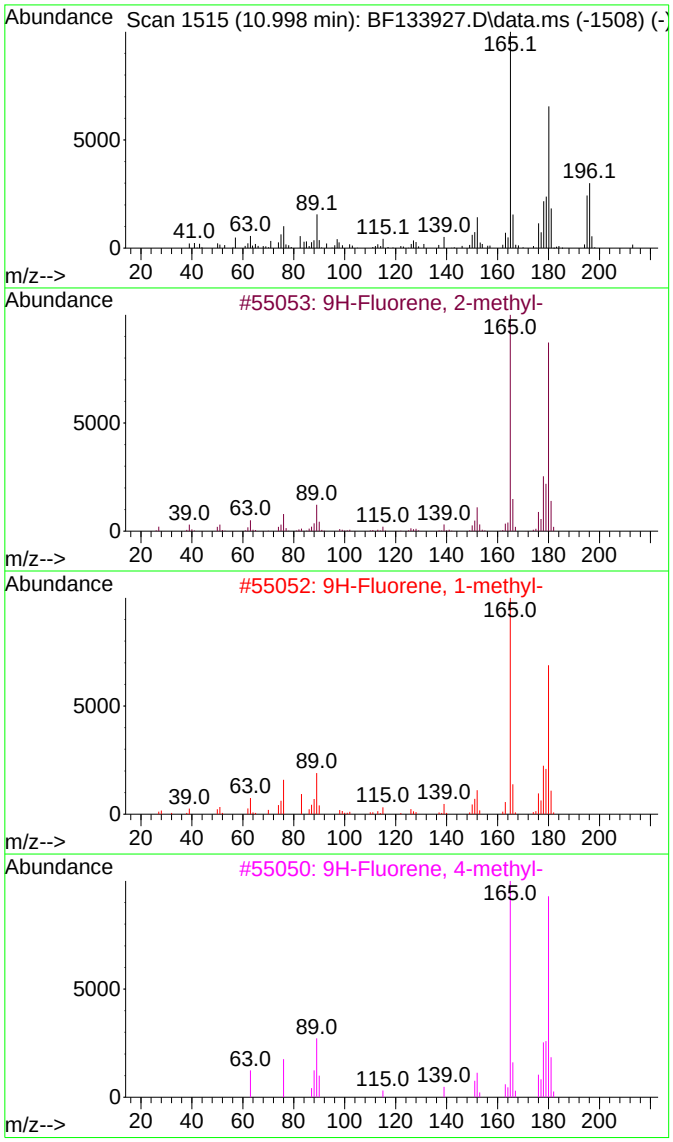
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

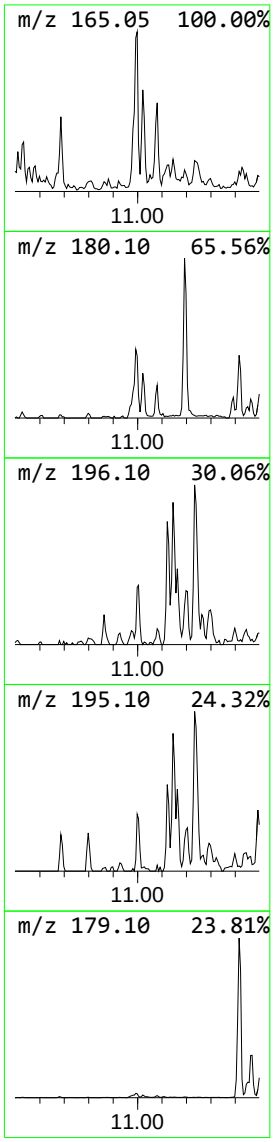
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	3.31 ng	116219	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





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Acq On : 23 Jun 2023 05:14
Operator : CG\JU
Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SW02-0-8

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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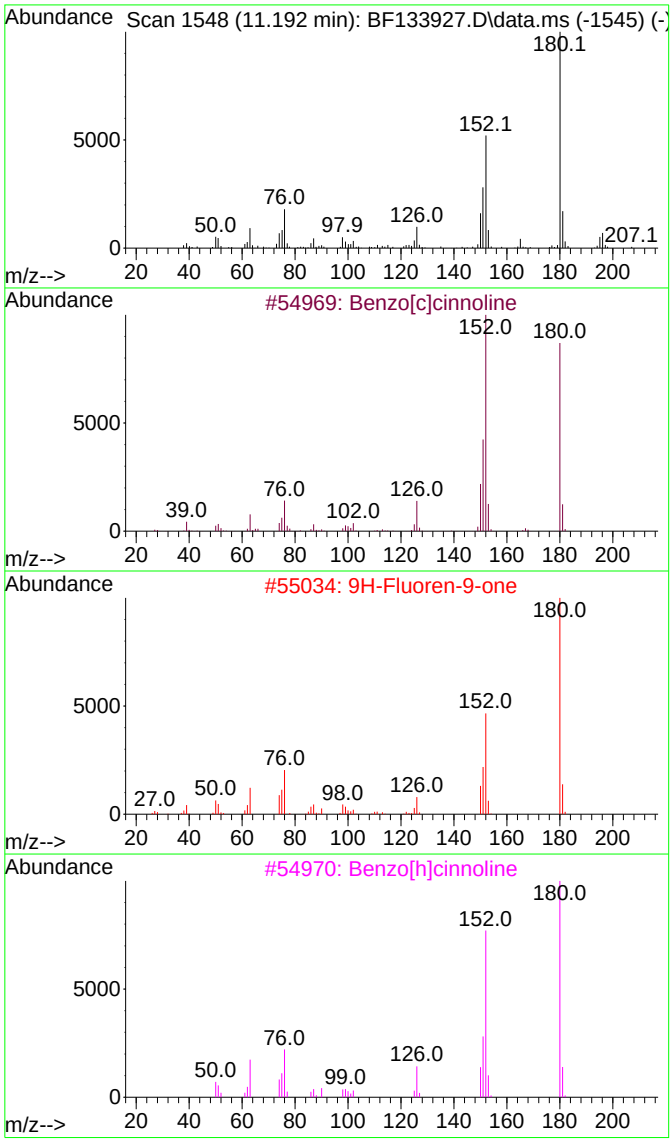
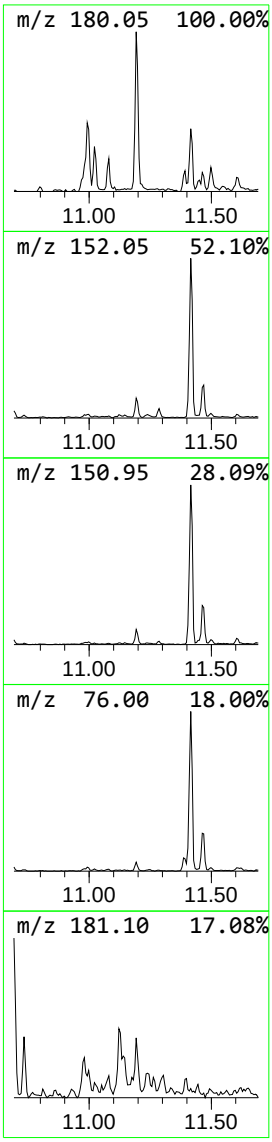
Peak Number 6 Benzo[c]cinnoline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	2.65 ng	92976	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	59





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Misc :
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Instrument :
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ClientSampleId :
COMPOSIT-SW02-0-8

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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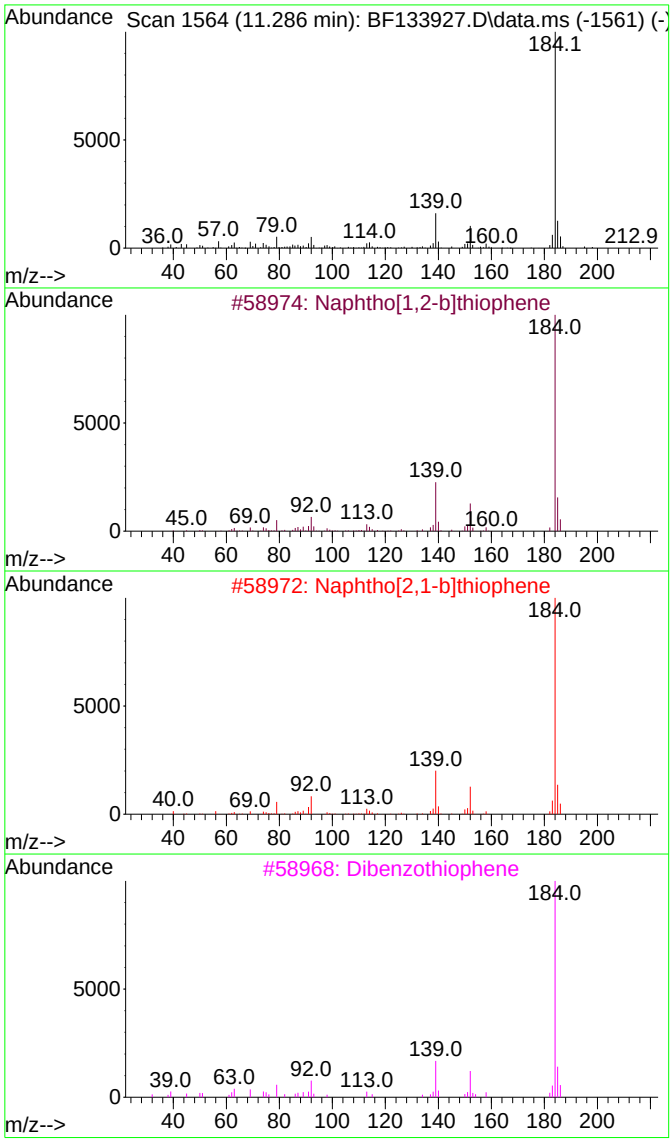
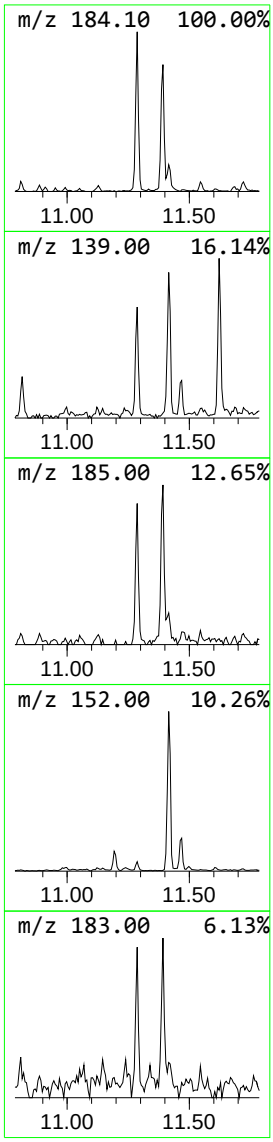
Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	4.03 ng	141202	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72





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Misc :
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Instrument :
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ClientSampleId :
COMPOSIT-SW02-0-8

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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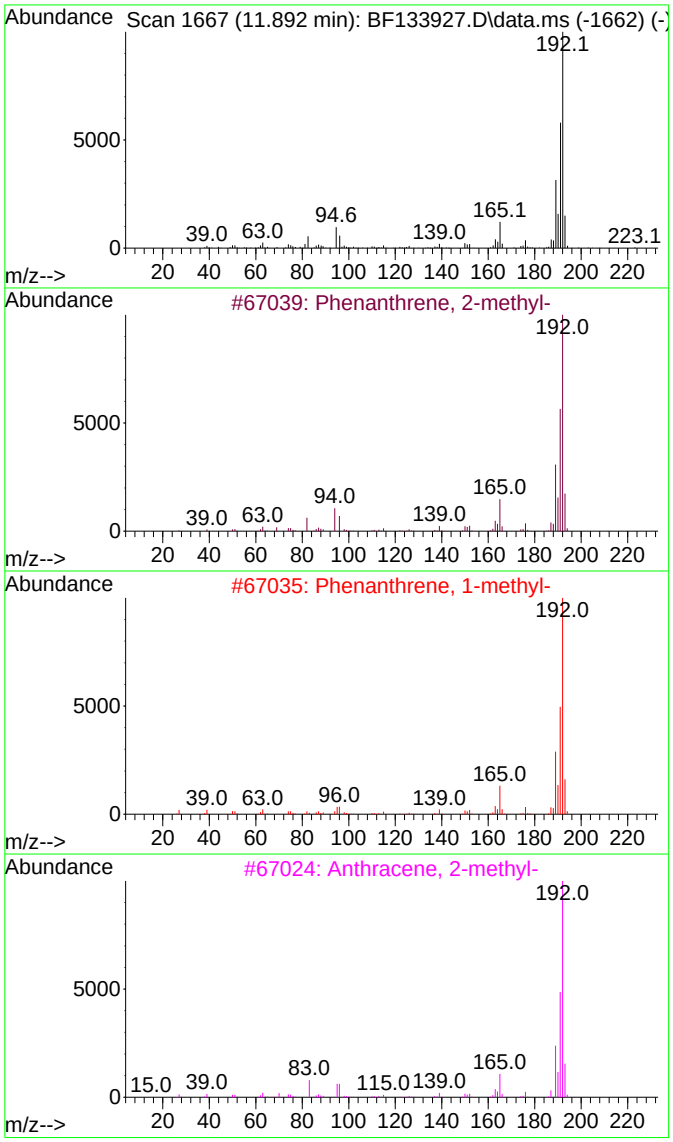
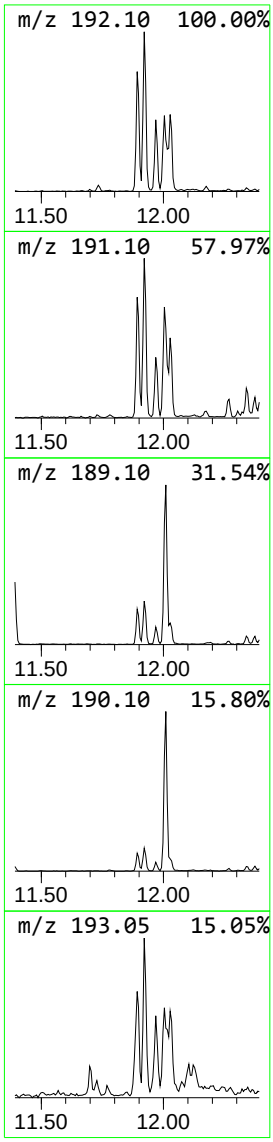
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	7.40 ng	259437	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-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SW02-0-8

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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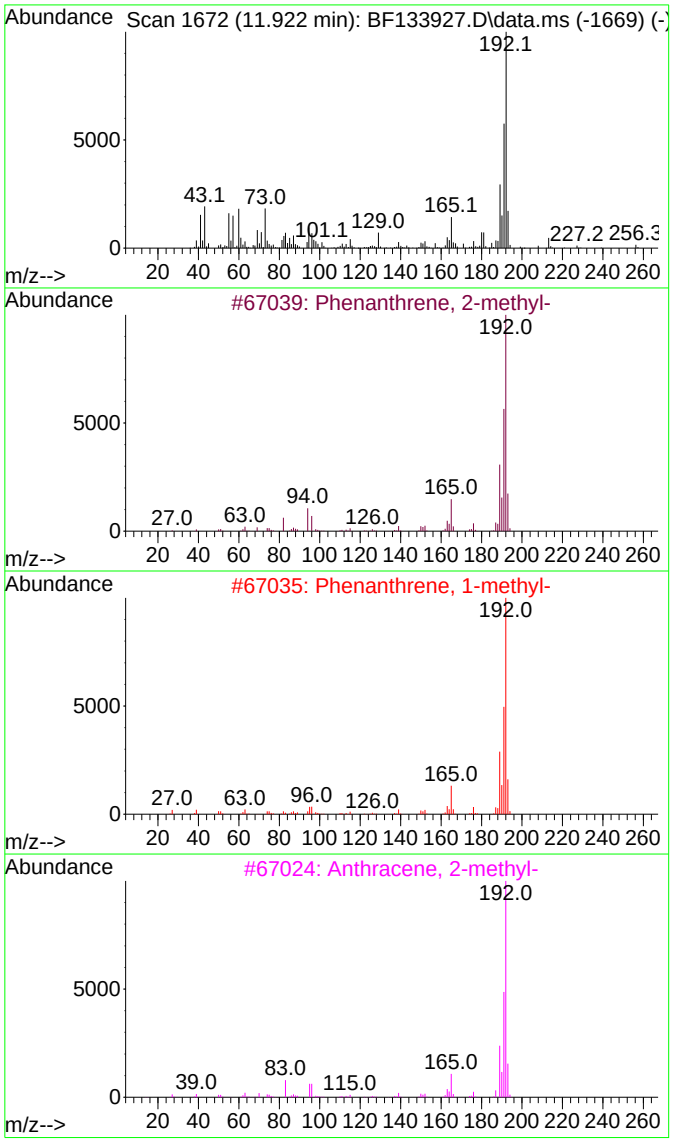
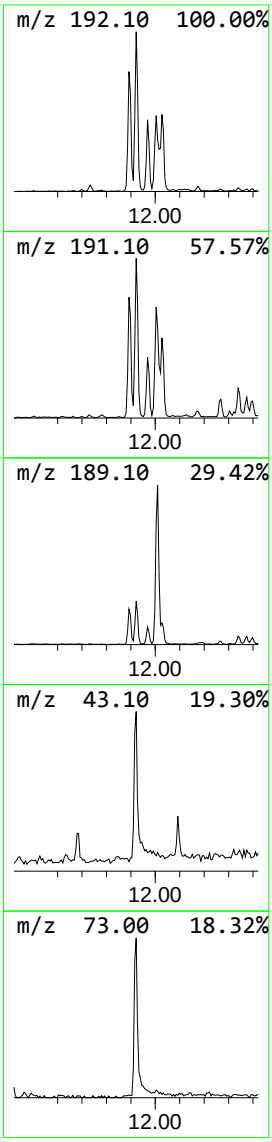
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.56 ng	545882	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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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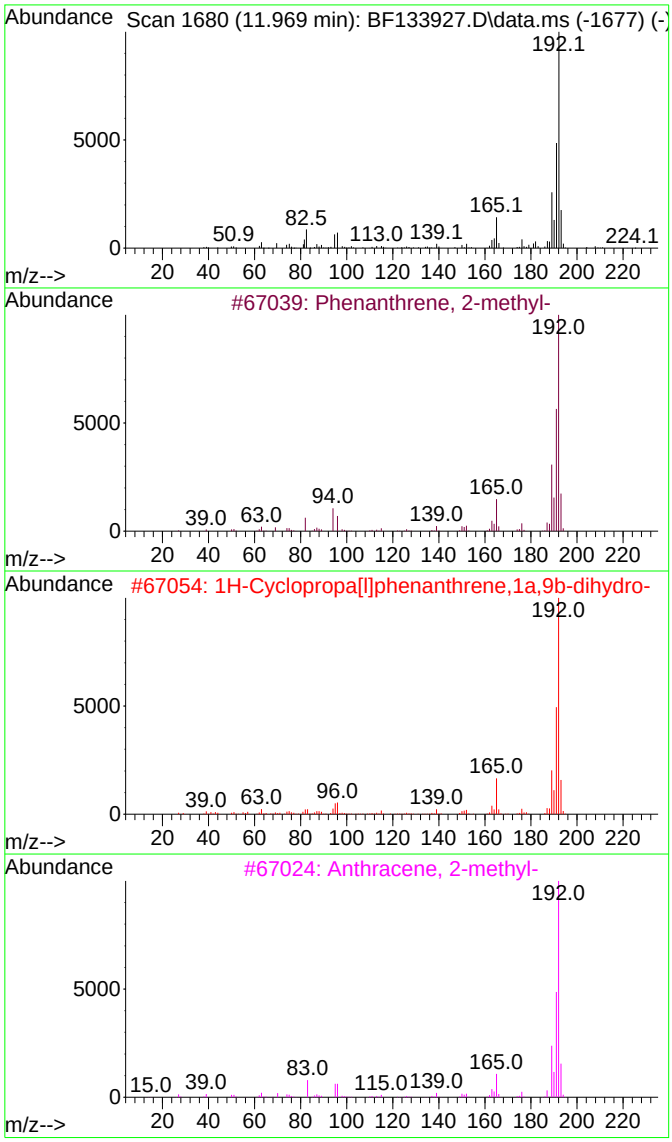
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

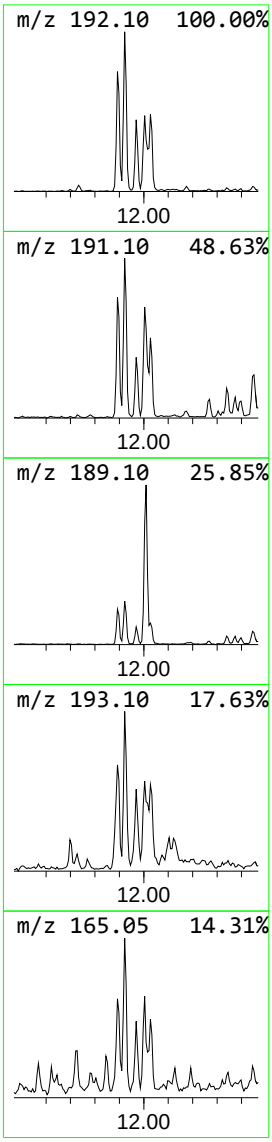
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	4.27 ng	149634	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

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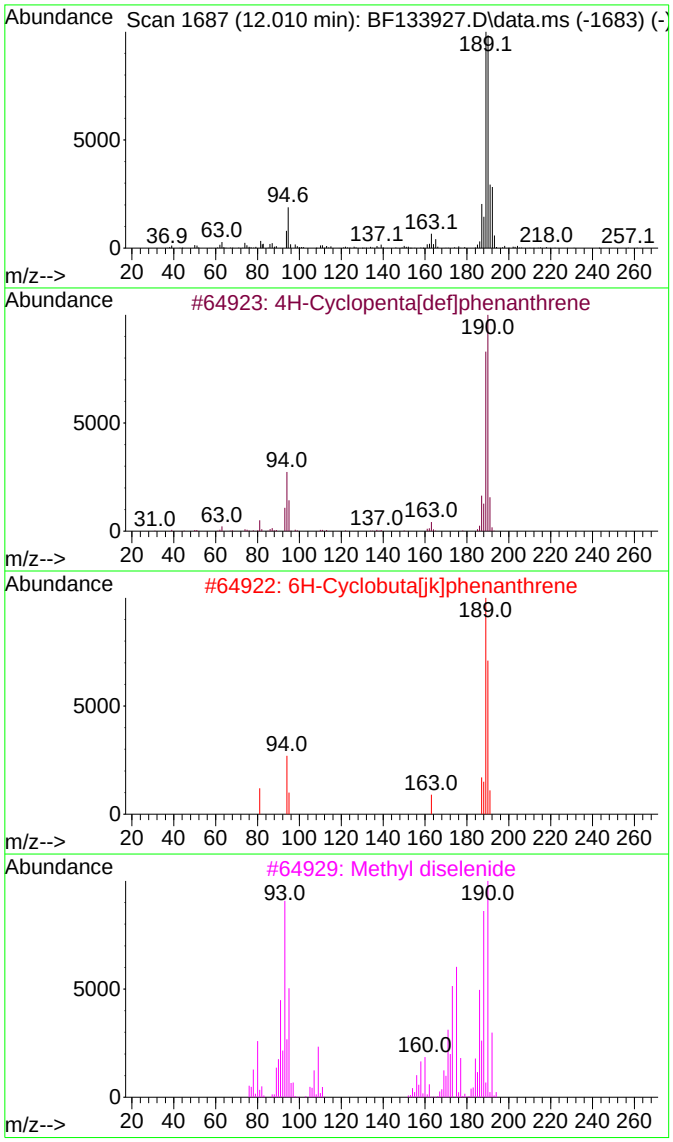
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

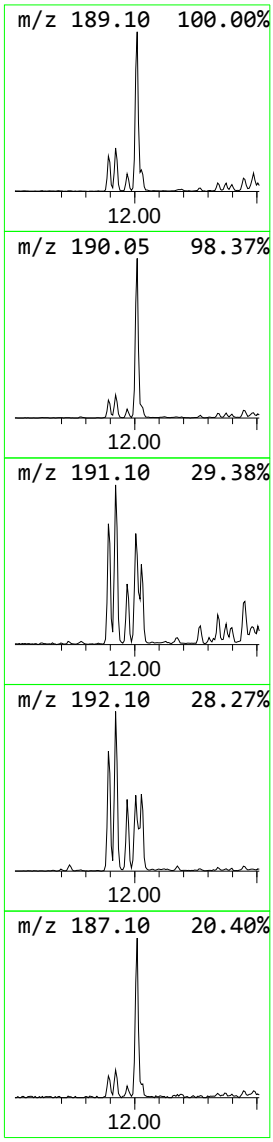
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	15.16 ng	531710	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Misc :
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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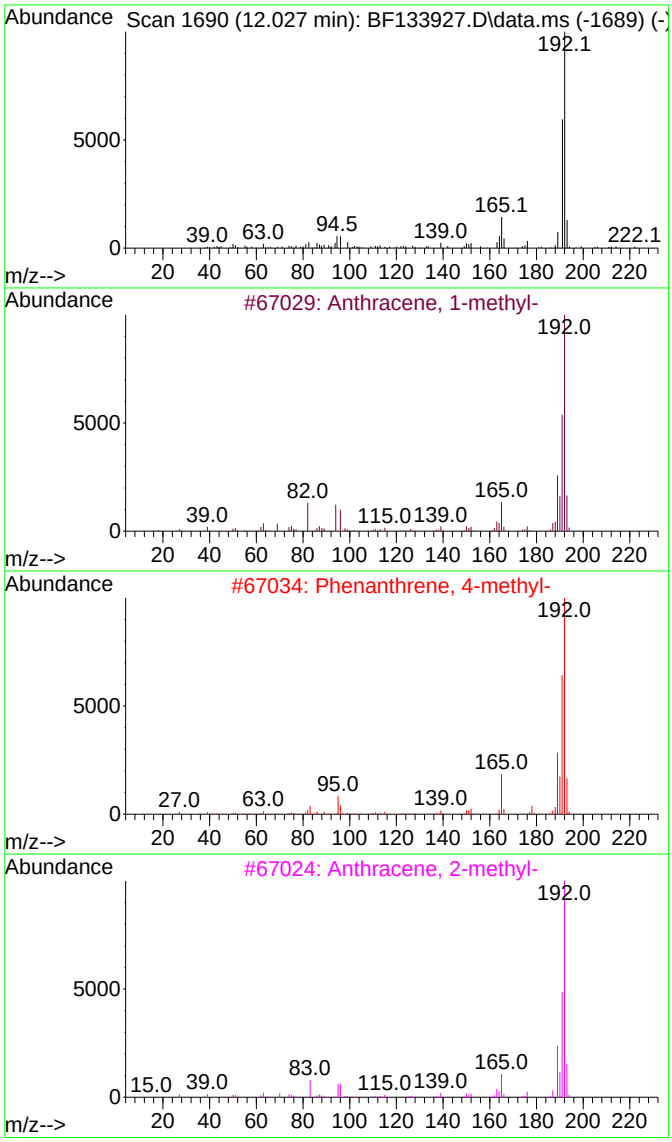
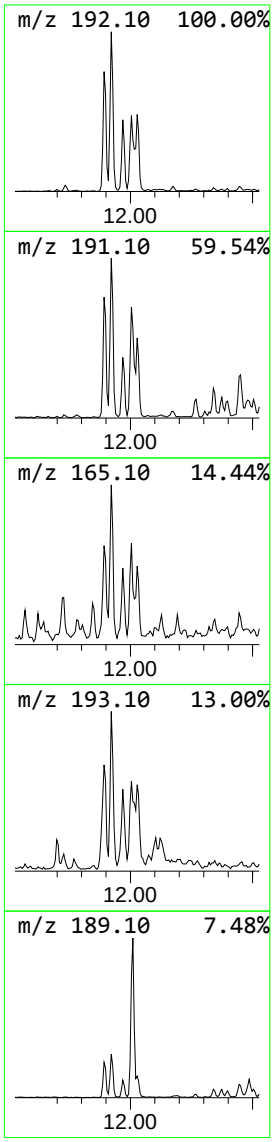
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	3.66 ng	128262	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





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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
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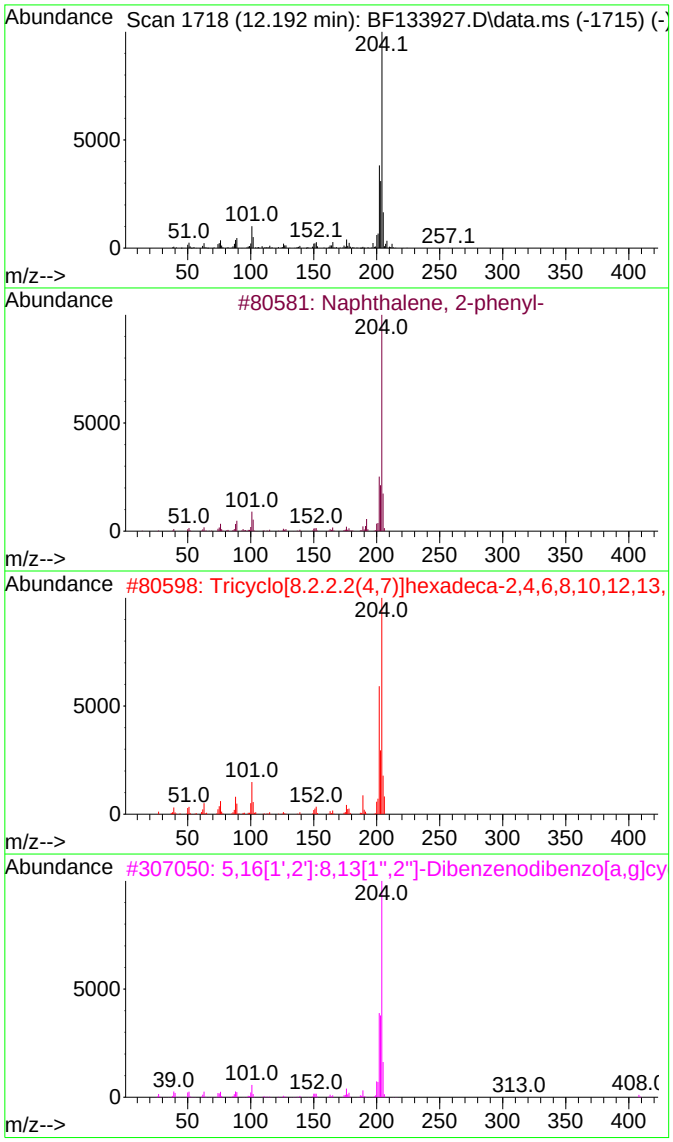
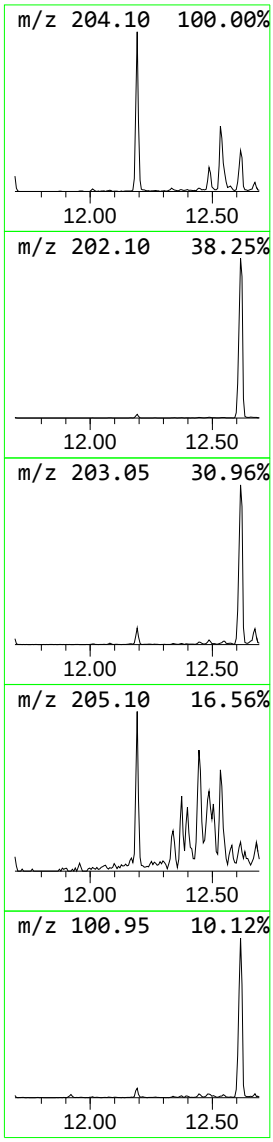
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	4.97 ng	174226	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	46
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46





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ALS Vial : 21 Sample Multiplier: 1

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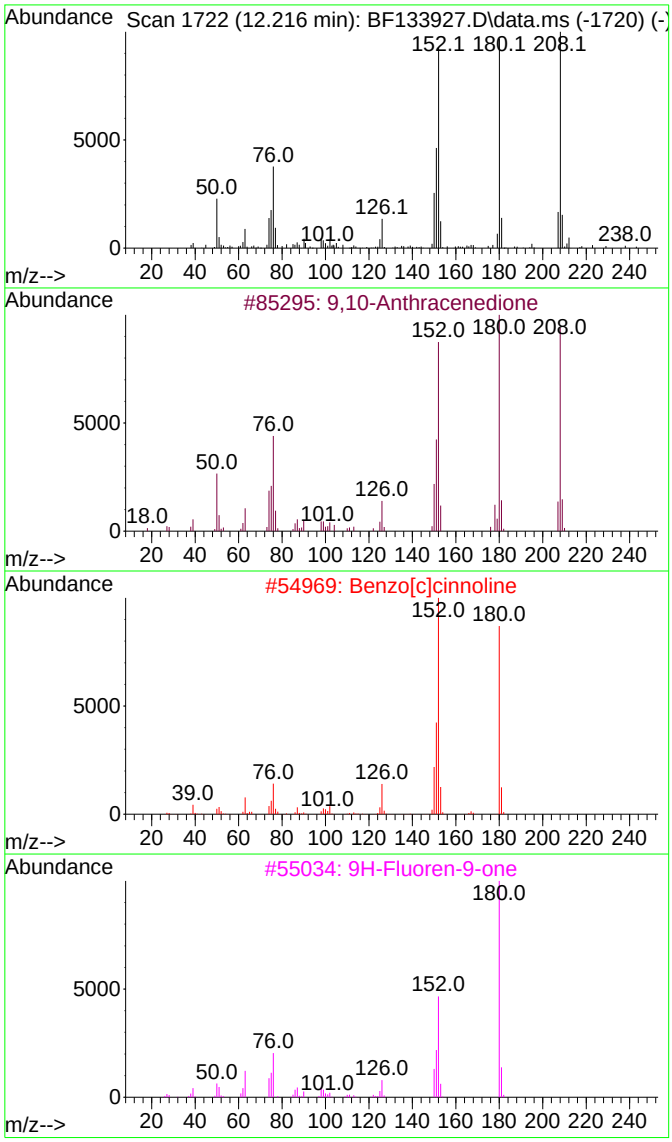
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

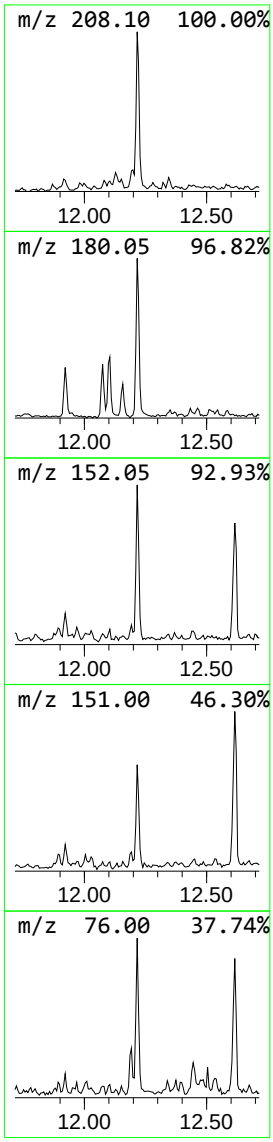
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	3.68 ng	128989	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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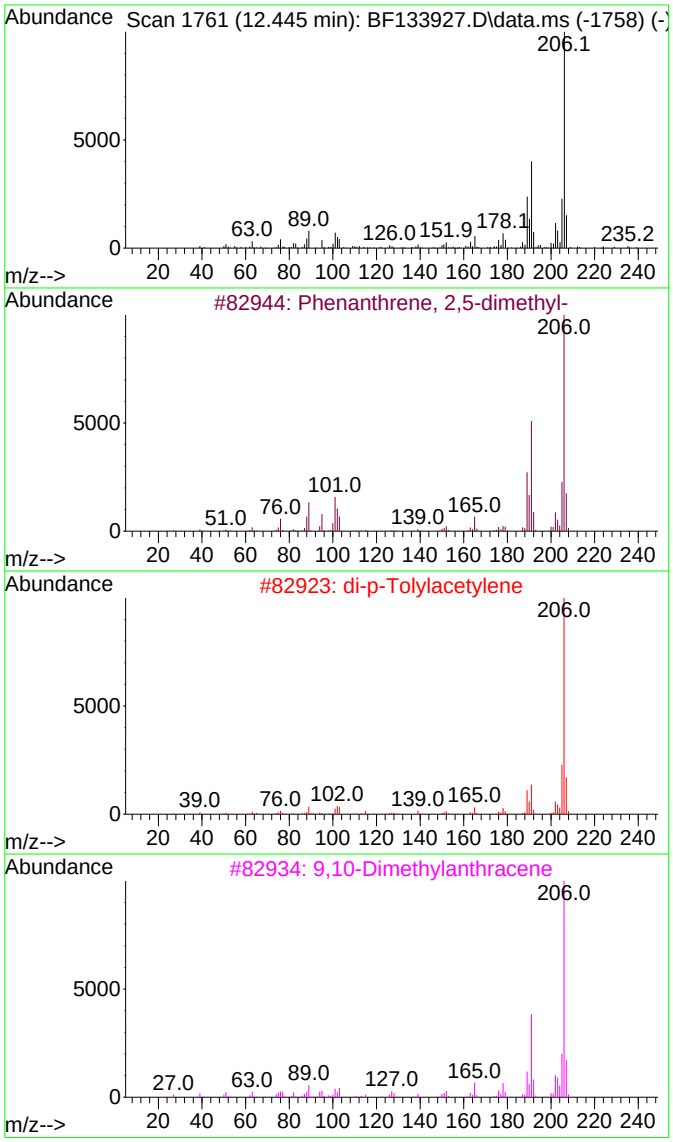
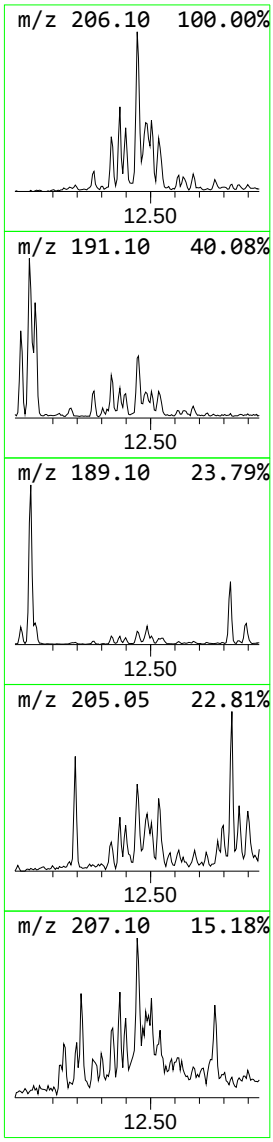
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.95 ng	173600	Phenanthrene-d10	11.392

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	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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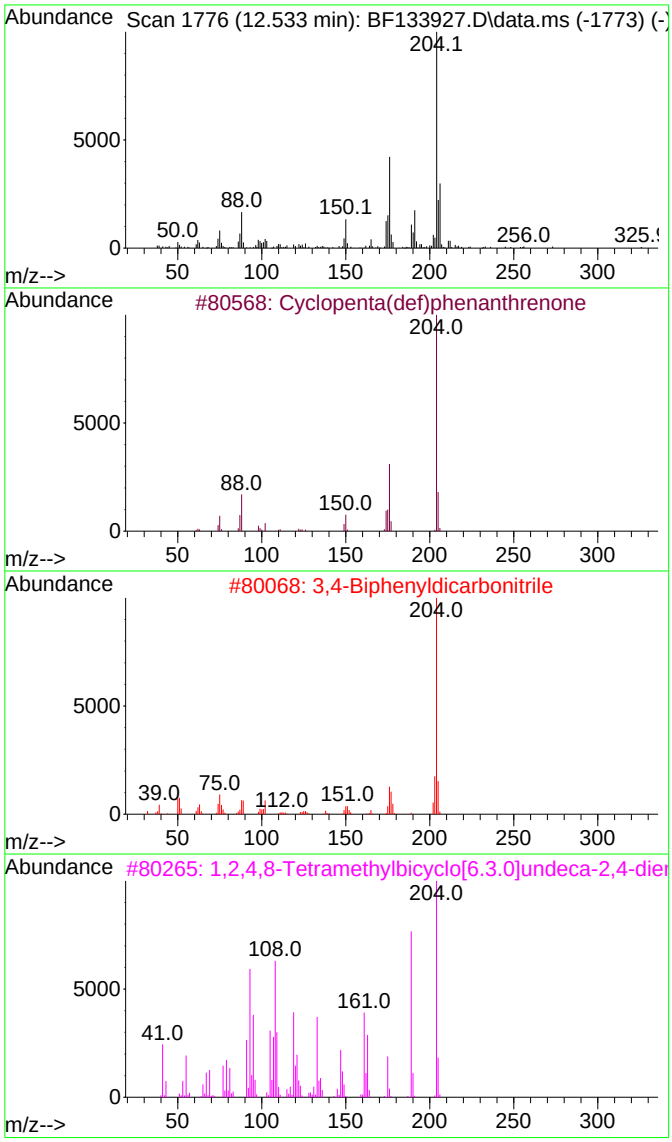
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

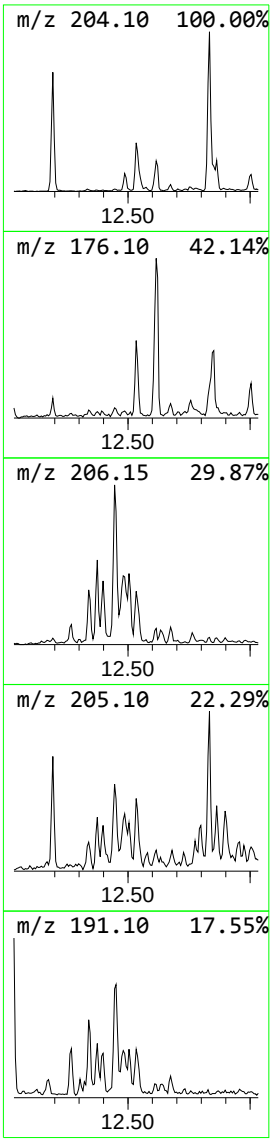
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	4.46 ng	156397	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43





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Data File : BF133927.D
Acq On : 23 Jun 2023 05:14
Operator : CG\JU
Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-0-8

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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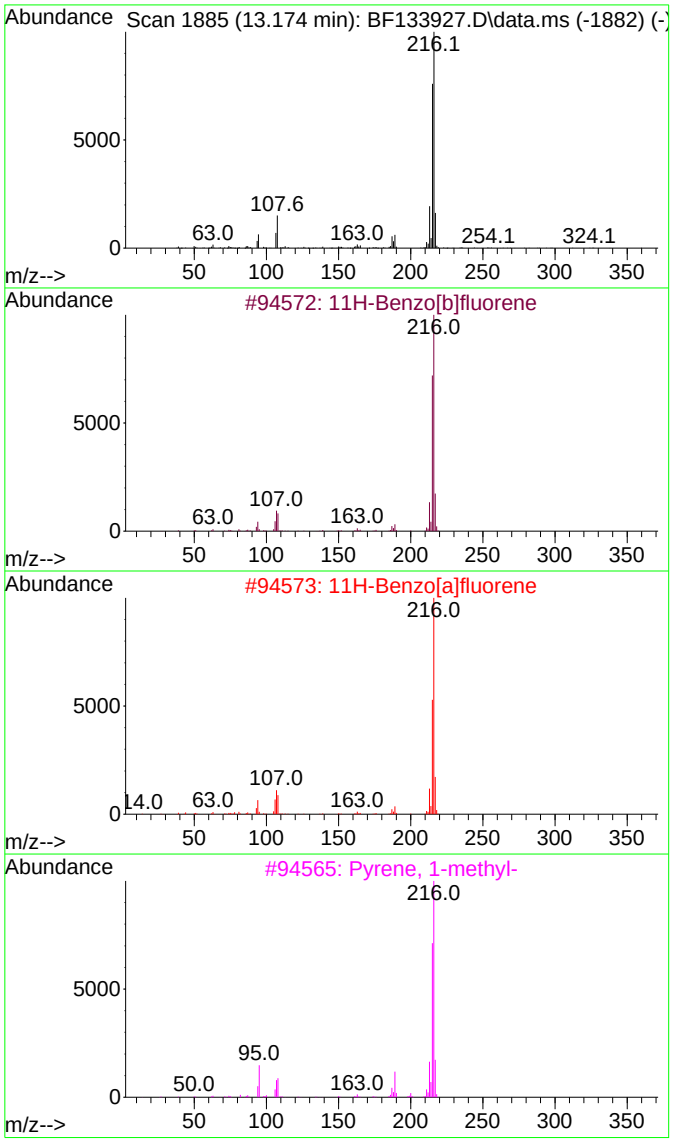
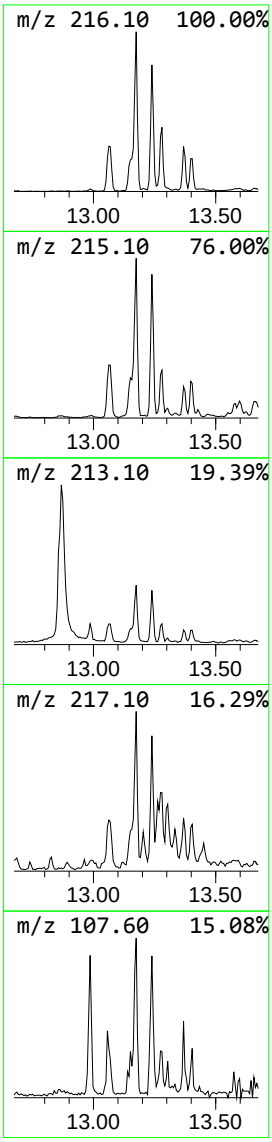
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	3.34 ng	453049	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Data File : BF133927.D
Acq On : 23 Jun 2023 05:14
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Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-0-8

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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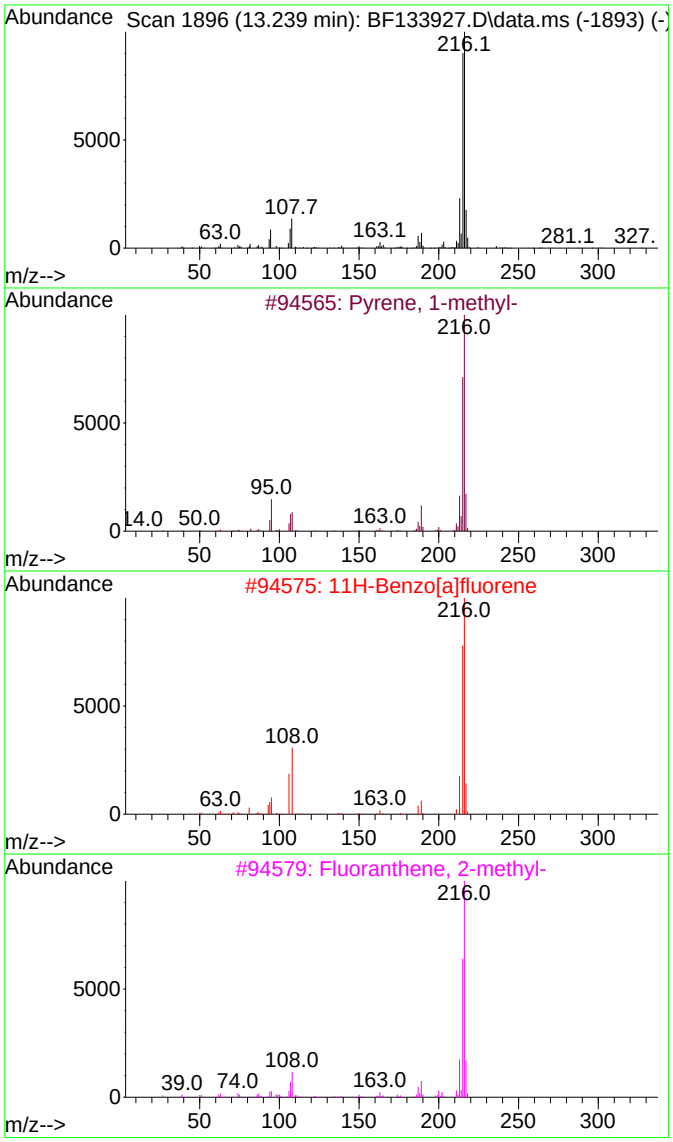
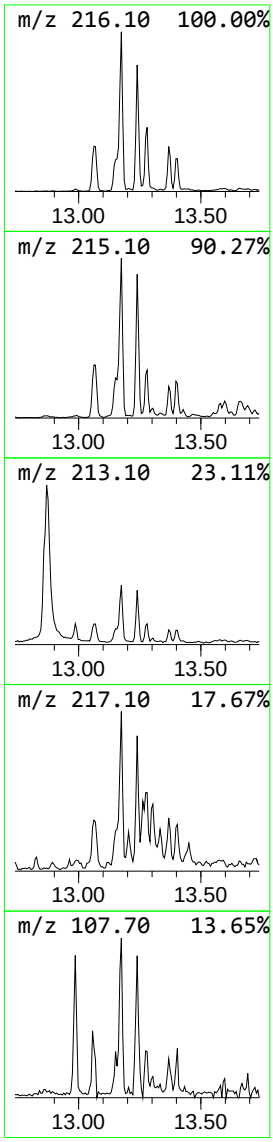
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.57 ng	348000	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF133927.D
Acq On : 23 Jun 2023 05:14
Operator : CG\JU
Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-0-8

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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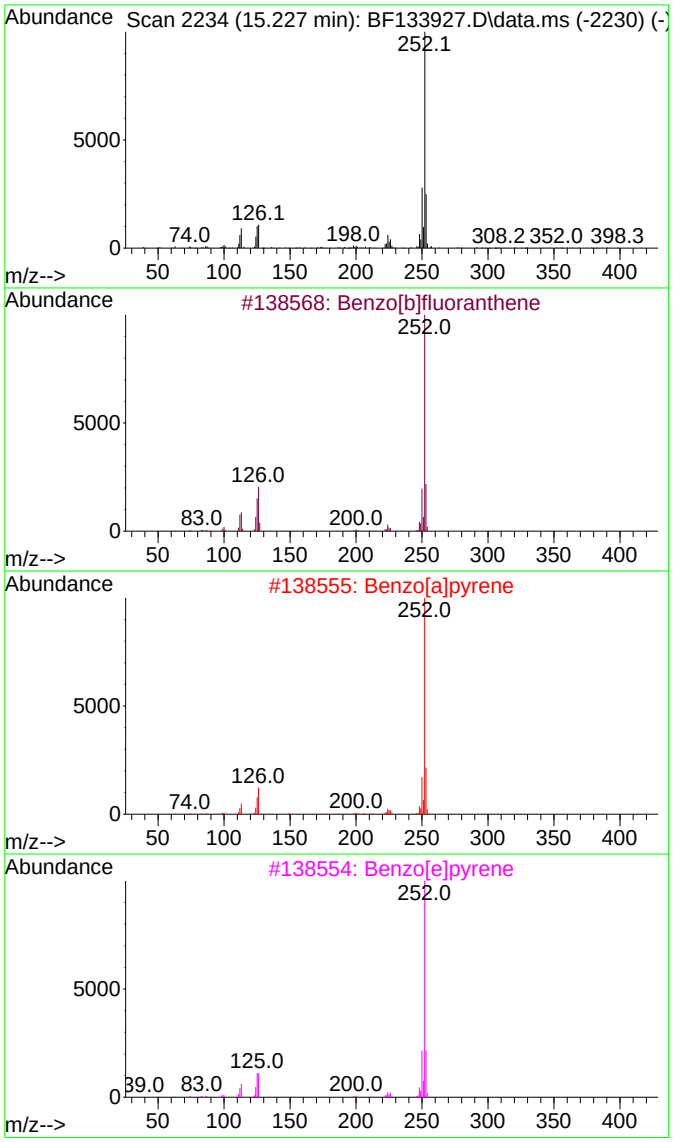
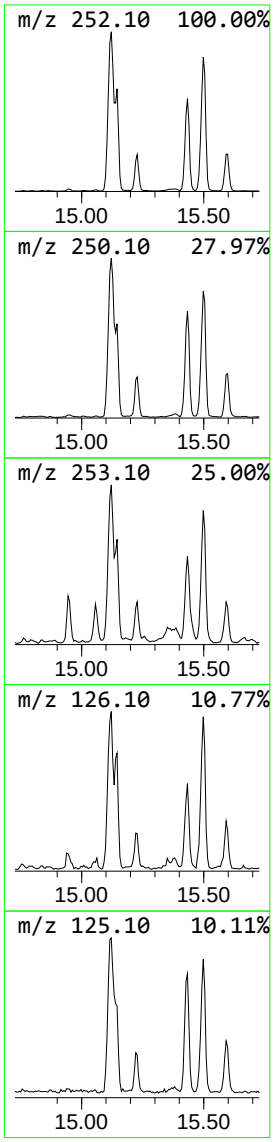
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	9.13 ng	230639	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF133927.D
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Operator : CG\JU
Sample : 03328-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-0-8

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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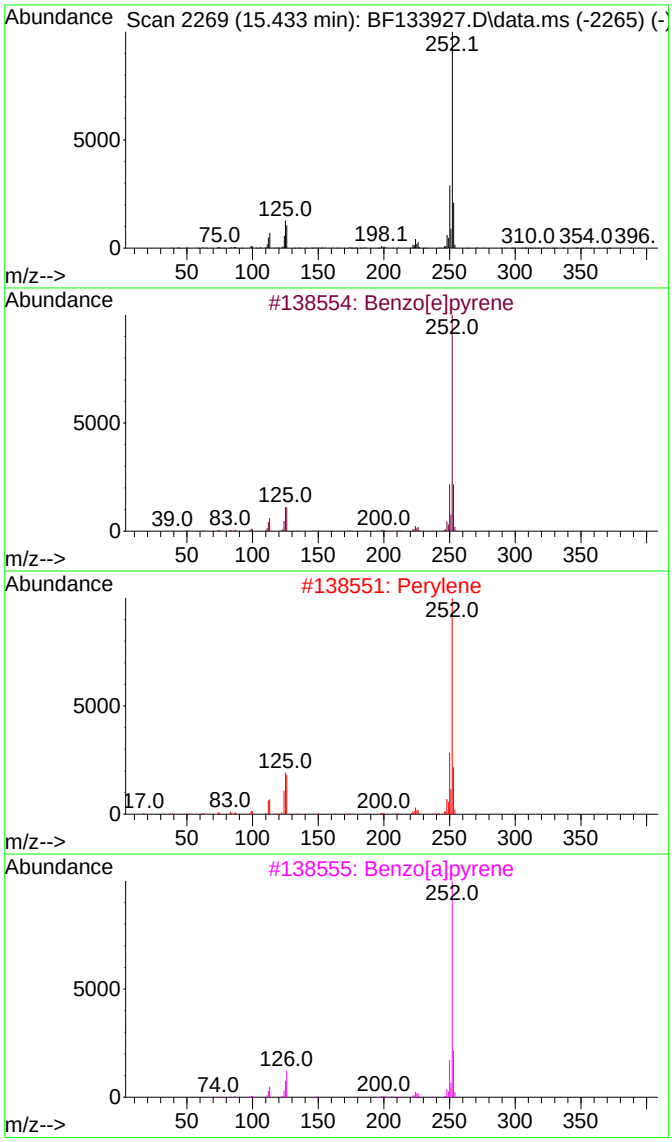
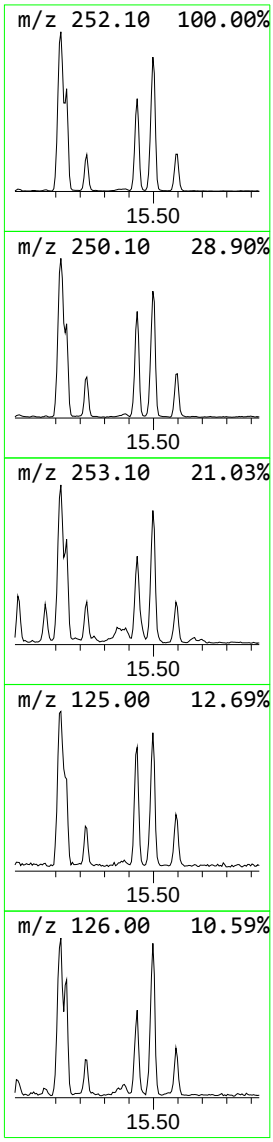
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	29.72 ng	750766	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133927.D
Acq On : 23 Jun 2023 05:14
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW02-0-8

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...	2.134	22.2	ng	710628	1	6.857	638981	20.0
2-Pentanone, 4-...	5.093	3.9	ng	125307	1	6.857	638981	20.0
Benzophenone	10.610	4.6	ng	171886	3	9.898	748950	20.0
unknown10.816	10.816	2.9	ng	100324	4	11.392	701435	20.0
9H-Fluorene, 2-...	10.998	3.3	ng	116219	4	11.392	701435	20.0
Benzo[c]cinnoline	11.192	2.6	ng	92976	4	11.392	701435	20.0
Naphtho[1,2-b]t...	11.286	4.0	ng	141202	4	11.392	701435	20.0
Phenanthrene, 2...	11.892	7.4	ng	259437	4	11.392	701435	20.0
Phenanthrene, 1...	11.922	15.6	ng	545882	4	11.392	701435	20.0
1H-Cyclopropa[l...	11.969	4.3	ng	149634	4	11.392	701435	20.0
4H-Cyclopenta[d...	12.010	15.2	ng	531710	4	11.392	701435	20.0
Anthracene, 1-m...	12.027	3.7	ng	128262	4	11.392	701435	20.0
Naphthalene, 2-...	12.192	5.0	ng	174226	4	11.392	701435	20.0
9,10-Anthracene...	12.216	3.7	ng	128989	4	11.392	701435	20.0
Phenanthrene, 2...	12.445	5.0	ng	173600	4	11.392	701435	20.0
Cyclopenta(def)...	12.533	4.5	ng	156397	4	11.392	701435	20.0
11H-Benzo[b]flu...	13.174	3.3	ng	453049	5	14.057	2710730	20.0
Pyrene, 1-methyl-	13.239	2.6	ng	348000	5	14.057	2710730	20.0
Benzo[e]pyrene	15.227	9.1	ng	230639	6	15.562	505278	20.0
Perylene	15.433	29.7	ng	750766	6	15.562	505278	20.0