LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133042.D
Acq On : 25 Apr 2023 23:00
Operator : CG\JU
Sample : 02477-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-H4(ELEV-22)

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133042.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.734	275	280	286	rVB	72050	100710	2.88%	0.188%
2	5.204	526	530	533	rBV	163850	142687	4.08%	0.266%
3	5.316	544	549	550	rBV	136587	128990	3.68%	0.241%
4	5.346	550	554	558	rVB	3210992	3077784	87.92%	5.747%
5	5.575	586	593	602	rBV2	113786	182912	5.23%	0.342%
6	6.375	725	729	732	rVV	3337612	3092610	88.35%	5.774%
7	6.569	758	762	768	rBV3	150219	195879	5.60%	0.366%
8	6.740	787	791	794	rBV	1532068	1158554	33.10%	2.163%
9	6.922	819	822	825	rVB	97570	75702	2.16%	0.141%
10	6.998	832	835	838	rBV	218330	171547	4.90%	0.320%
11	7.298	880	886	889	rBV	2137844	2031412	58.03%	3.793%
12	7.769	961	966	970	rBV2	56363	83984	2.40%	0.157%
13	8.022	1005	1009	1011	rBV	1981874	1595709	45.59%	2.979%
14	8.045	1011	1013	1016	rVB	987503	697376	19.92%	1.302%
15	8.734	1125	1130	1133	rBV	279303	215239	6.15%	0.402%
16	8.834	1142	1147	1150	rBV	216583	170614	4.87%	0.319%
17	9.098	1188	1192	1195	rVB	4542969	3500476	100.00%	6.536%
18	9.192	1204	1208	1211	rBV2	51862	62593	1.79%	0.117%
19	9.357	1230	1236	1240	rBV2	62540	87135	2.49%	0.163%
20	9.434	1246	1249	1252	rBV	123947	112325	3.21%	0.210%
21	9.628	1278	1282	1289	rBV2	148009	156342	4.47%	0.292%
22	9.775	1301	1307	1310	rBV	2186752	1817522	51.92%	3.394%
23	9.804	1310	1312	1315	rVB	354589	271590	7.76%	0.507%
24	9.975	1339	1341	1345	rVB	272712	222930	6.37%	0.416%
25	10.316	1396	1399	1403	rBV	424251	353192	10.09%	0.659%
26	10.386	1405	1411	1412	rBV	71800	84511	2.41%	0.158%
27	10.404	1412	1414	1417	rVB2	78555	59757	1.71%	0.112%
28	10.486	1424	1428	1431	rVB	1000631	789086	22.54%	1.473%
29	10.563	1436	1441	1444	rBV	2308963	2109832	60.27%	3.939%
30	10.686	1456	1462	1469	rVB4	55953	103978	2.97%	0.194%
31	10.869	1486	1493	1495	rBV2	98054	137895	3.94%	0.257%
32	10.892	1495	1497	1500	rVV2	81194	77253	2.21%	0.144%
33	10.951	1504	1507	1509	rVB	64332	61522	1.76%	0.115%
34	11.057	1522	1525	1530	rVB4	48416	62185	1.78%	0.116%
35	11.116	1530	1535	1537	rBV2	68732	102891	2.94%	0.192%
36	11.151	1537	1541	1546	rVV	177337	183959	5.26%	0.343%

LSC Area Percent Report

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W-H4(ELEV-22)

Integration Parameters: rteint.p
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.192	1546	1548	1551	rVB	102634	80482	2.30%	0.150%
38	11.257	1555	1559	1561	rBV	2064147	1823871	52.10%	3.406%
39	11.281	1561	1563	1566	rVB	2991774	2176396	62.17%	4.064%
40	11.328	1566	1571	1575	rVB	769066	634013	18.11%	1.184%
41	11.380	1575	1580	1584	rBV2	160376	230185	6.58%	0.430%
42	11.486	1595	1598	1607	rVB2	169336	206568	5.90%	0.386%
43	11.557	1607	1610	1613	rVV3	77262	80294	2.29%	0.150%
44	11.669	1626	1629	1633	rVB	119707	109470	3.13%	0.204%
45	11.757	1640	1644	1646	rBV	417615	364693	10.42%	0.681%
46	11.786	1646	1649	1653	rVV2	607553	682968	19.51%	1.275%
47	11.828	1653	1656	1659	rVV	227610	224841	6.42%	0.420%
48	11.869	1659	1663	1665	rVV	677926	691555	19.76%	1.291%
49	11.892	1665	1667	1672	rVB	293071	247844	7.08%	0.463%
50	12.051	1692	1694	1696	rBV	238414	196144	5.60%	0.366%
51	12.069	1696	1697	1702	rVB3	84250	75446	2.16%	0.141%
52	12.204	1715	1720	1723	rBV3	128036	136137	3.89%	0.254%
53	12.233	1723	1725	1727	rVV	87521	73275	2.09%	0.137%
54	12.257	1727	1729	1731	rVV	81732	64102	1.83%	0.120%
55	12.304	1731	1737	1740	rVV	213204	276432	7.90%	0.516%
56	12.345	1740	1744	1746	rVV2	172826	239851	6.85%	0.448%
57	12.392	1749	1752	1757	rVV3	122745	205372	5.87%	0.383%
58	12.469	1761	1765	1768	rVV	3076576	2602204	74.34%	4.859%
59	12.516	1768	1773	1778	rVV3	272509	337287	9.64%	0.630%
60	12.575	1782	1783	1786	rVV3	99983	119215	3.41%	0.223%
61	12.616	1788	1790	1794	rVV	148593	174657	4.99%	0.326%
62	12.692	1798	1803	1806	rVV	2434659	2751769	78.61%	5.138%
63	12.739	1809	1811	1817	rVV2	107488	166334	4.75%	0.311%
64	12.810	1820	1823	1825	rVV	143677	141758	4.05%	0.265%
65	12.845	1825	1829	1832	rVV	3721768	3350179	95.71%	6.255%
66	12.916	1835	1841	1844	rBV3	184638	291687	8.33%	0.545%
67	12.975	1848	1851	1853	rVV4	60073	76045	2.17%	0.142%
68	12.998	1853	1855	1857	rVV2	156912	195562	5.59%	0.365%
69	13.022	1857	1859	1862	rVB	452097	368699	10.53%	0.688%
70	13.086	1867	1870	1873	rBV	410601	342866	9.79%	0.640%
71	13.122	1873	1876	1879	rVV	275038	289423	8.27%	0.540%
72	13.216	1889	1892	1895	rVB	150830	127373	3.64%	0.238%
73	13.245	1895	1897	1901	rBV	152767	149093	4.26%	0.278%
74	13.427	1925	1928	1930	rBV2	80897	77444	2.21%	0.145%
75	13.522	1938	1944	1954	rBV4	78473	233252	6.66%	0.436%
76	13.639	1960	1964	1967	rBV2	147937	169550	4.84%	0.317%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.669	1967	1969	1971	rVV	176770	137507	3.93%	0.257%
78	13.686	1971	1972	1977	rVB2	97027	108968	3.11%	0.203%
79	13.886	1999	2006	2009	rBV2	1670437	2332961	66.65%	4.356%
80	13.916	2009	2011	2014	rVB	926952	673520	19.24%	1.258%
81	13.992	2022	2024	2027	rVB	140330	107279	3.06%	0.200%
82	14.074	2035	2038	2041	rVV2	77990	64595	1.85%	0.121%
83	14.110	2041	2044	2048	rVB2	52358	81077	2.32%	0.151%
84	14.274	2068	2072	2075	rVV	200293	226459	6.47%	0.423%
85	14.310	2075	2078	2081	rVV	112069	112562	3.22%	0.210%
86	14.369	2085	2088	2091	rVV3	121322	163731	4.68%	0.306%
87	14.398	2091	2093	2095	rVV2	110047	109059	3.12%	0.204%
88	14.421	2095	2097	2100	rVV2	96333	100926	2.88%	0.188%
89	14.904	2175	2179	2182	rBV	652548	907092	25.91%	1.694%
90	15.010	2194	2197	2200	rVB	147786	154295	4.41%	0.288%
91	15.192	2224	2228	2234	rVB	414942	507396	14.50%	0.947%
92	15.251	2234	2238	2244	rBV	631722	702133	20.06%	1.311%
93	15.310	2244	2248	2252	rBV	923300	1164459	33.27%	2.174%
94	15.339	2252	2253	2262	rVB2	191930	194800	5.56%	0.364%
95	16.521	2449	2454	2462	rVB3	51349	122765	3.51%	0.229%
96	16.686	2476	2482	2490	rVB2	293111	567565	16.21%	1.060%
97	16.851	2506	2510	2515	rVB2	47758	72177	2.06%	0.135%
98	16.910	2516	2520	2524	rBV	42533	67210	1.92%	0.125%
99	17.098	2545	2552	2562	rBV	245402	475002	13.57%	0.887%
100	17.315	2584	2589	2598	rVB2	69121	140040	4.00%	0.261%

Sum of corrected areas: 53556597

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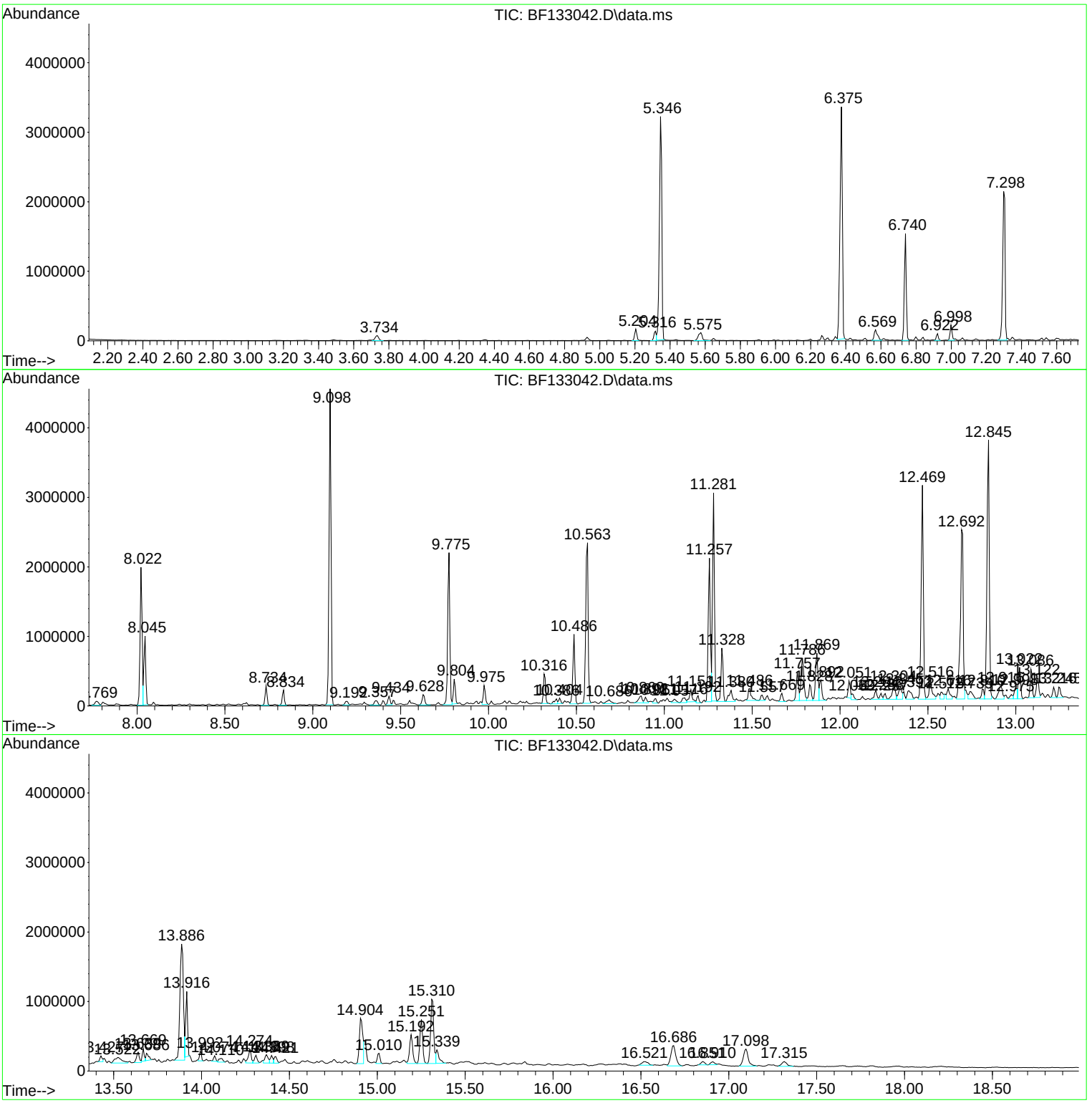
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

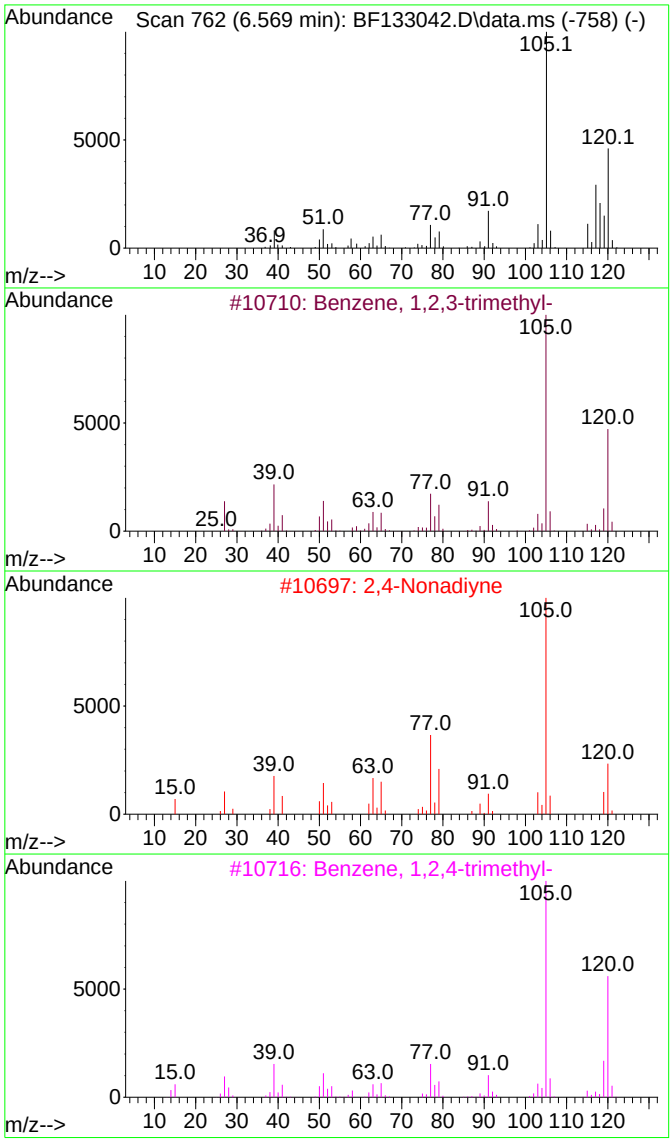
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

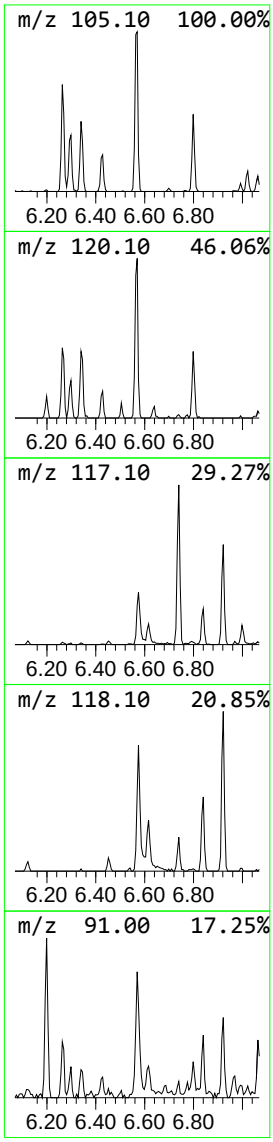
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	3.38 ng	195879	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
2	2,4-Nonadiyne	120	C9H12	063621-15-8	60
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
4	Mesitylene	120	C9H12	000108-67-8	58
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

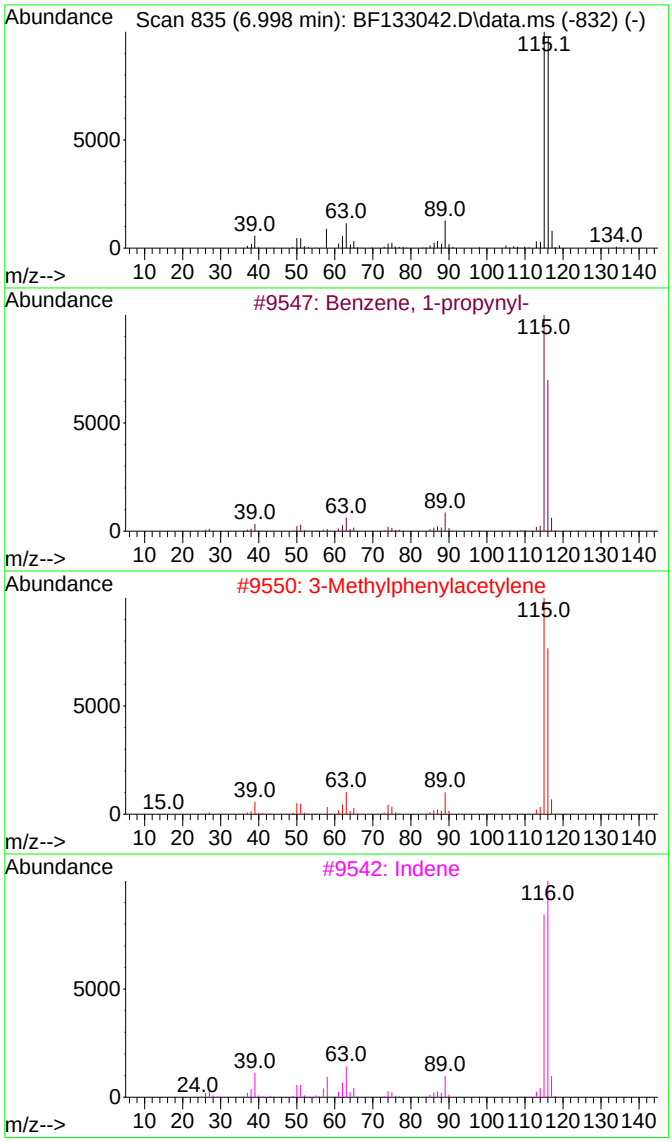
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

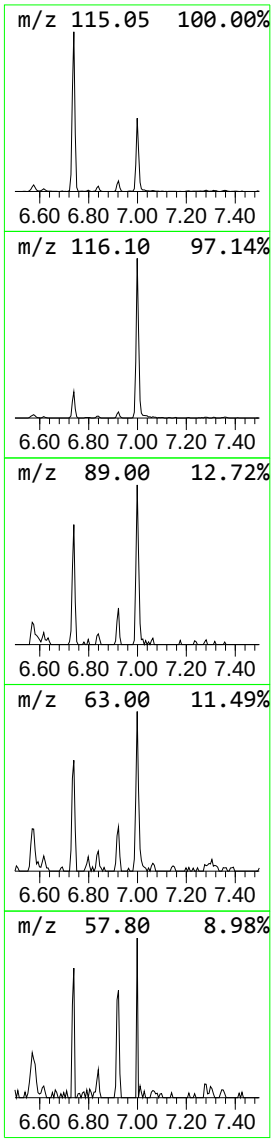
****

Peak Number 4 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.998	2.96 ng	171547	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Indene	116	C9H8	000095-13-6	93
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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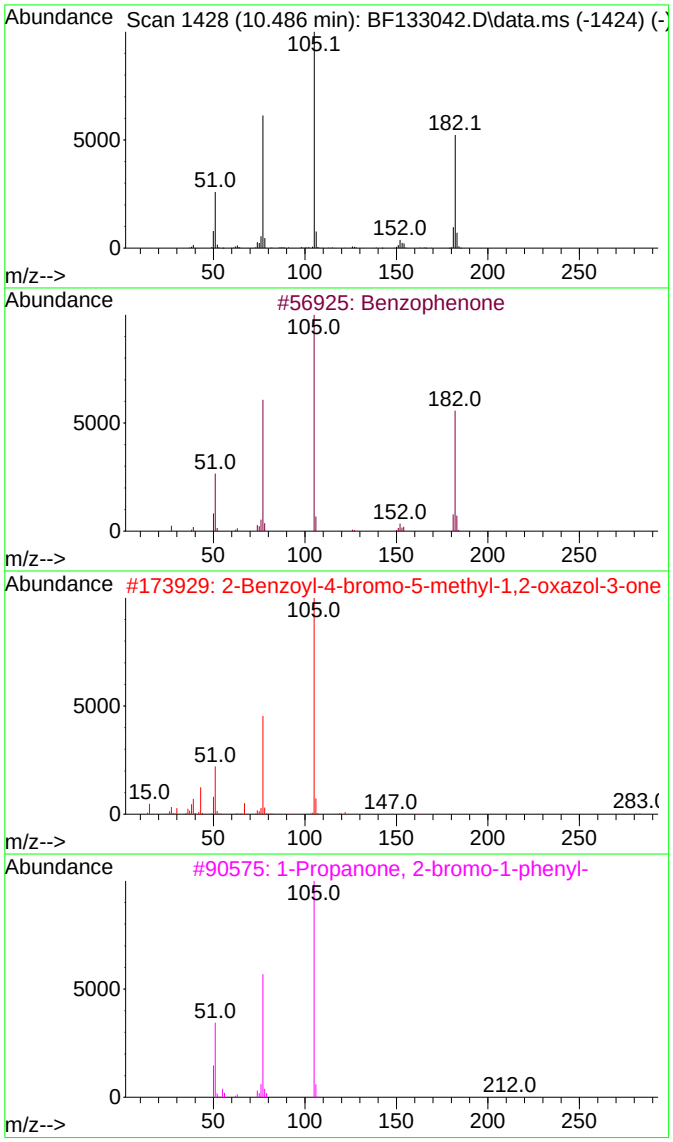
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

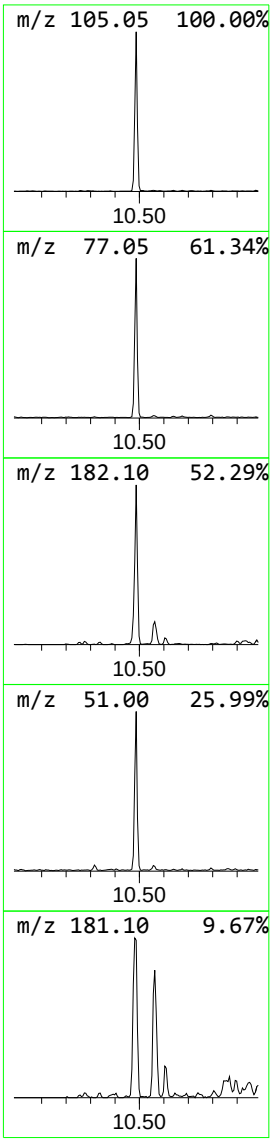
****

Peak Number 5 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	8.68 ng	789086	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Isonitrosoacetophenone	149	C8H7NO2	000532-54-7	47





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Instrument :
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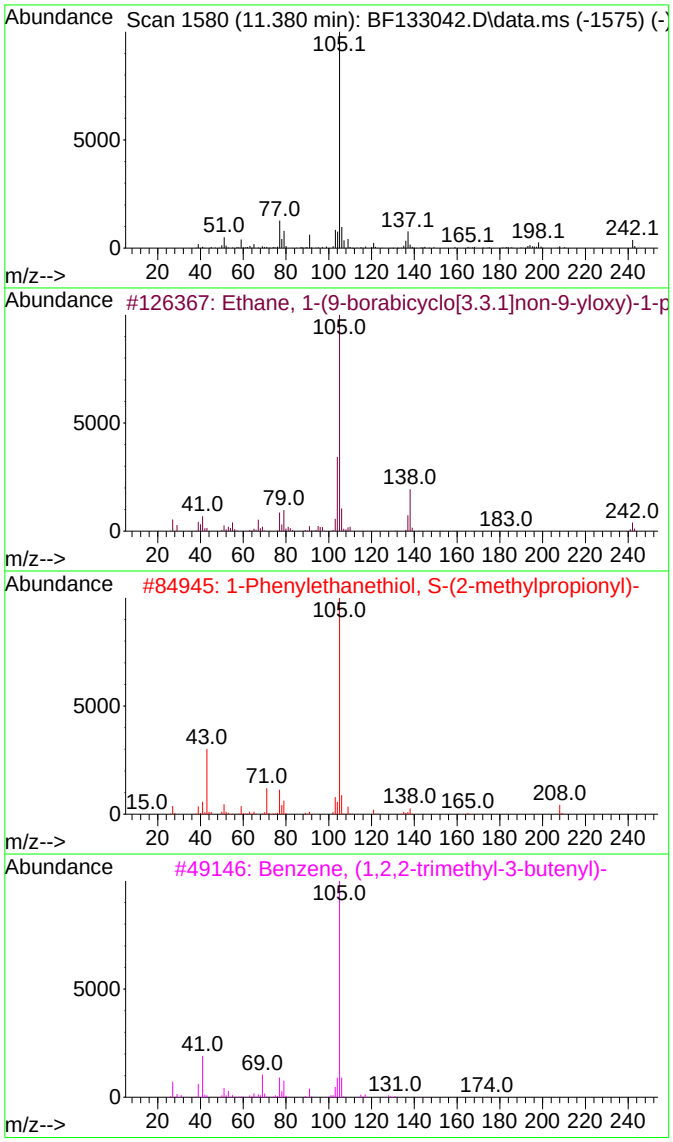
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

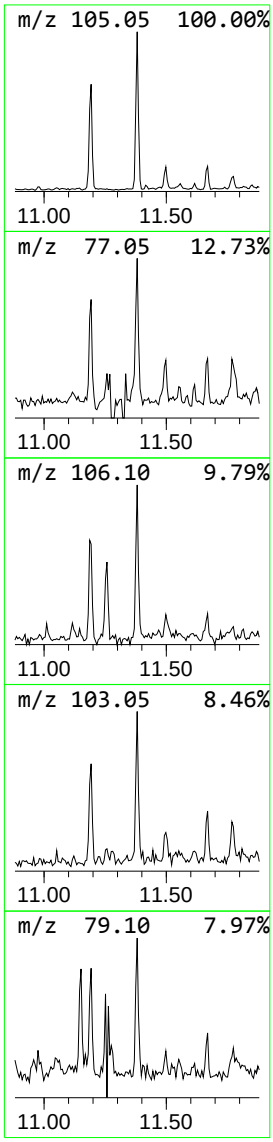
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethane, 1-(9-borabicyclo[3.... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.381	2.52 ng	230185	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-(9-borabicyclo[3.3.1]n...	242	C16H23BO	1000160-80-6	58
2	1-Phenylethanethiol, S-(2-methyl...	208	C12H16OS	1227931-65-8	53
3	Benzene, (1,2,2-trimethyl-3-bute...	174	C13H18	061142-17-4	49
4	1-Phenylethanethiol, S-trifluoro...	234	C10H9F3OS	1010469-38-4	47
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	47





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

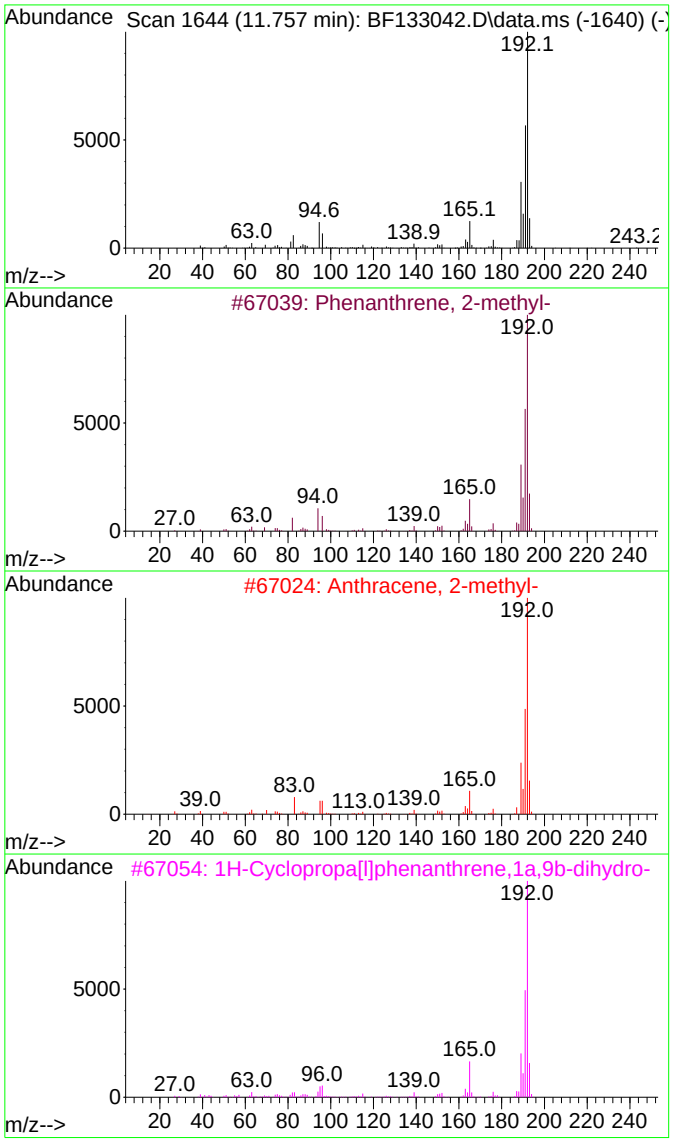
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

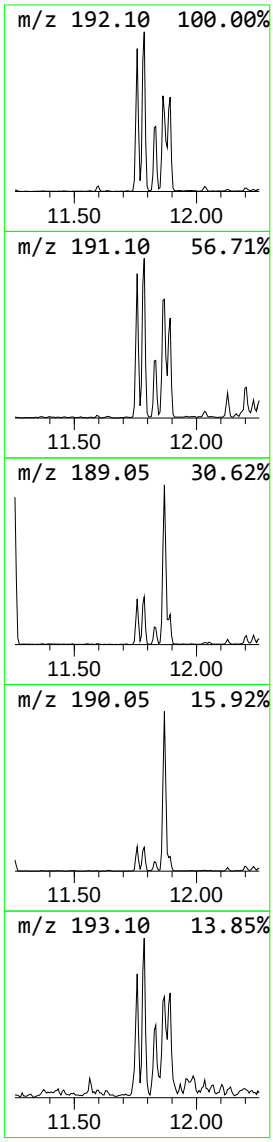
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	4.00 ng	364693	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Acq On : 25 Apr 2023 23:00
Operator : CG\JU
Sample : 02477-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-H4(ELEV-22)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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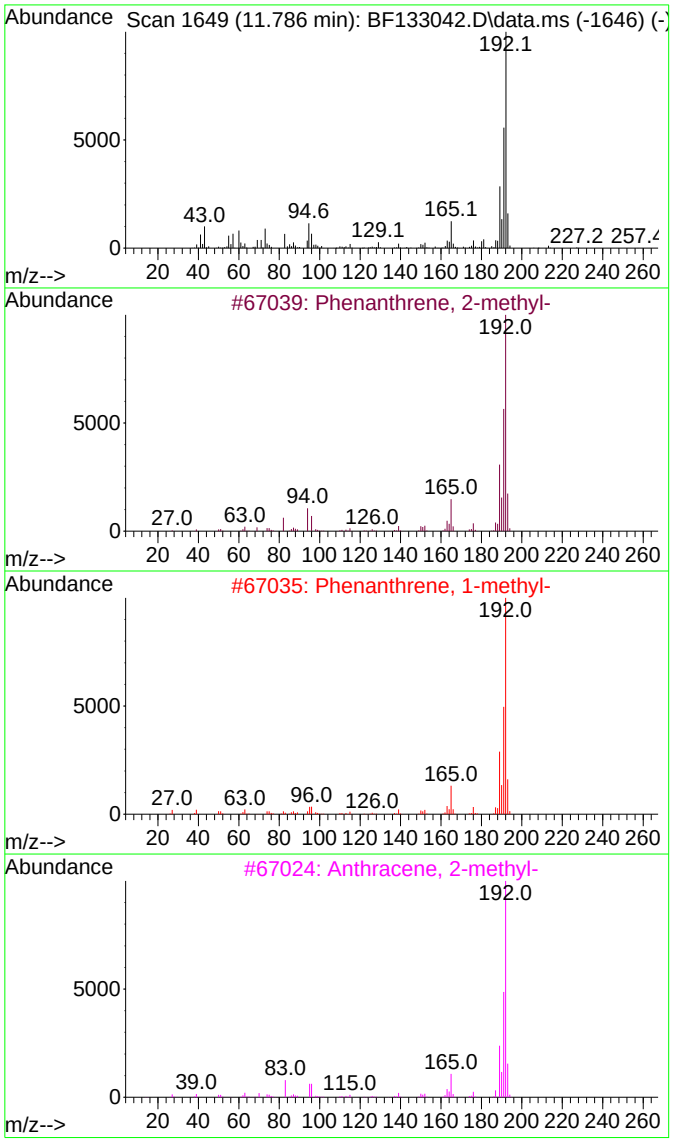
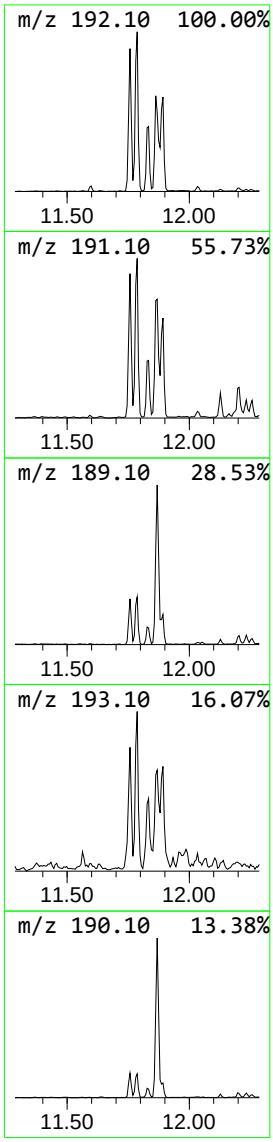
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	7.49 ng	682968	Phenanthrene-d10	11.257

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-H4(ELEV-22)

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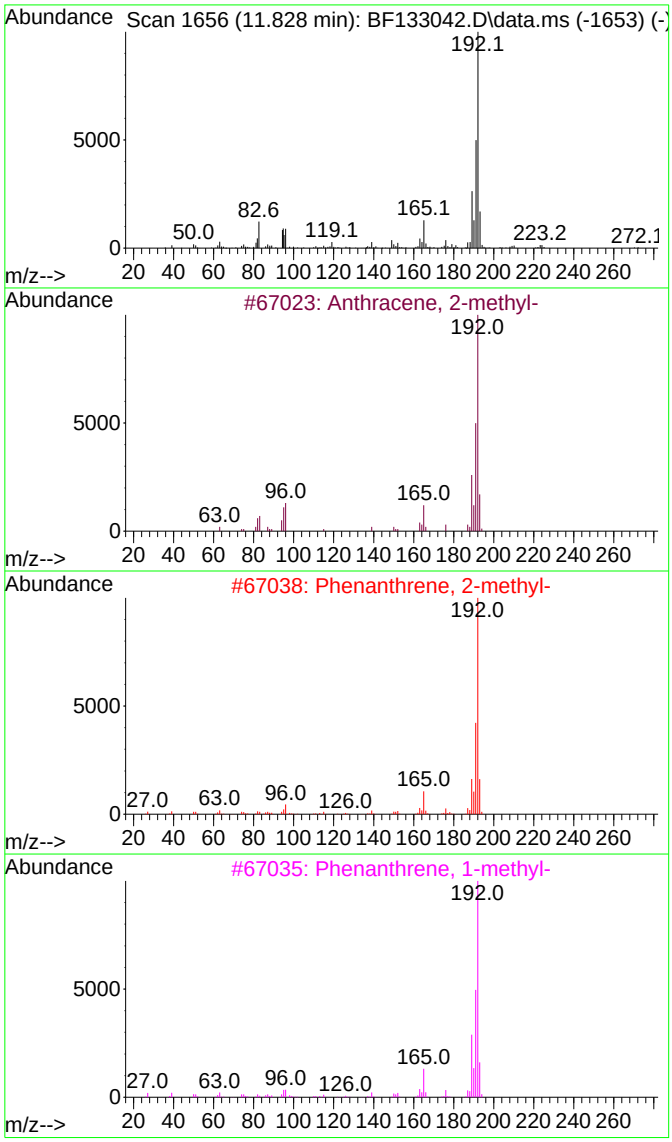
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

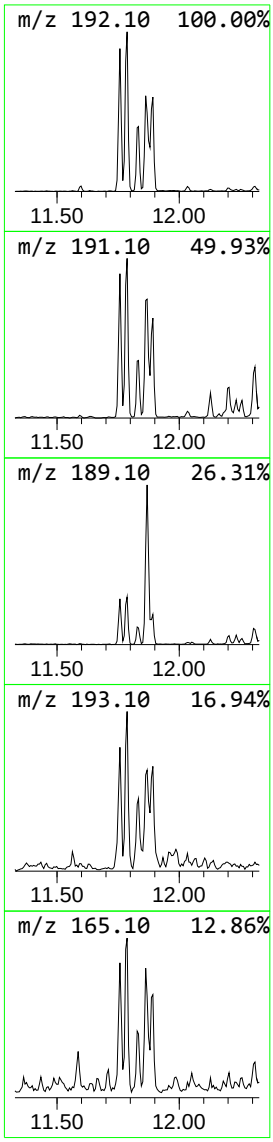
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	2.47 ng	224841	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-H4(ELEV-22)

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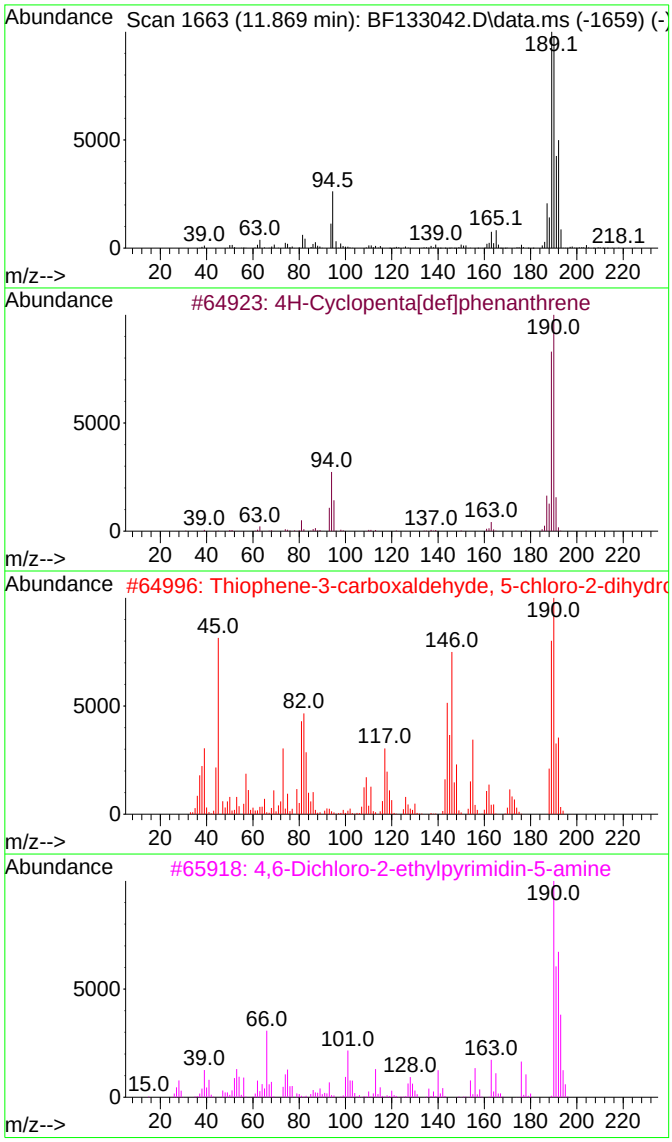
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

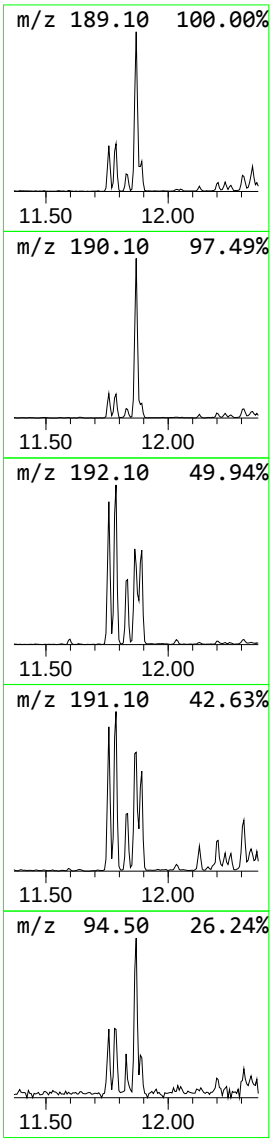
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	7.58 ng	691555	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35





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Sample : 02477-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-H4(ELEV-22)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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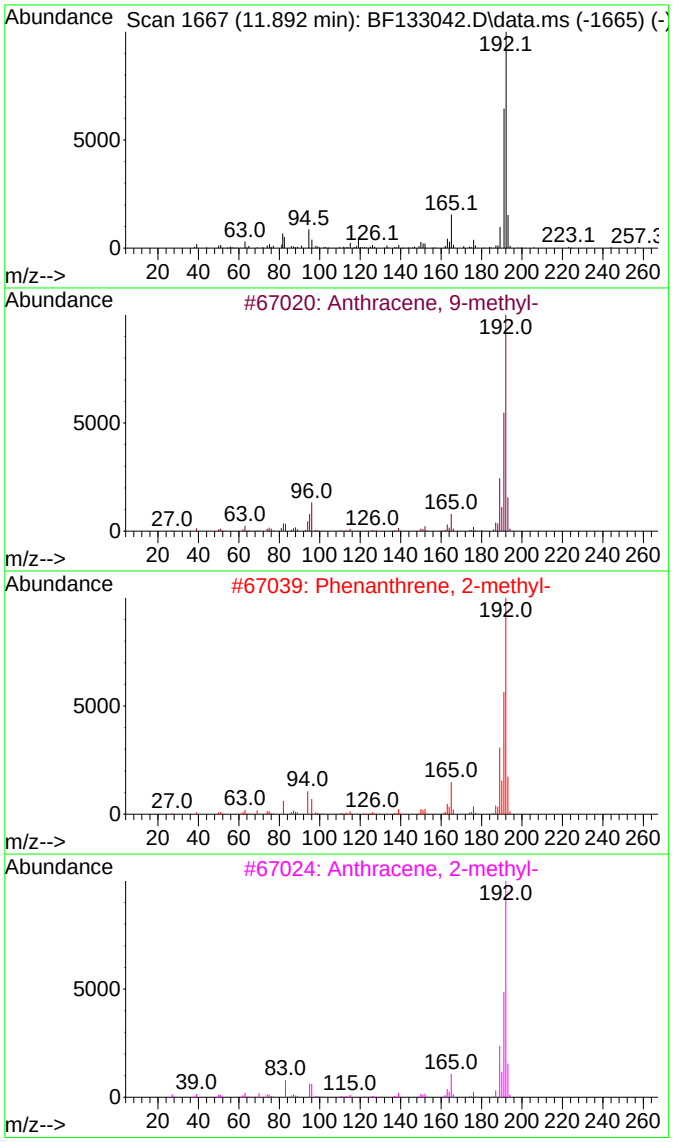
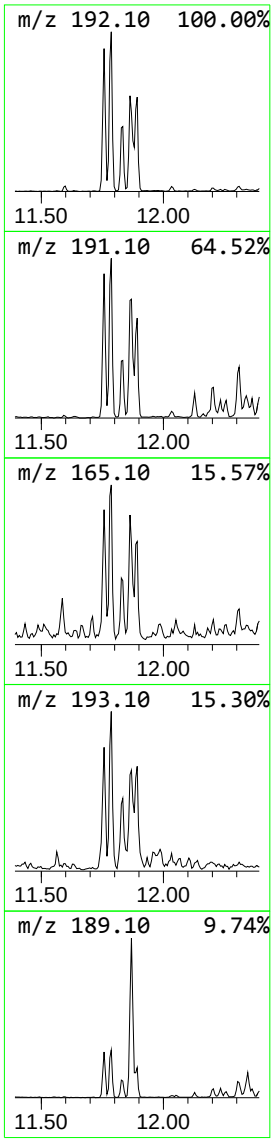
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.72 ng	247844	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-H4(ELEV-22)

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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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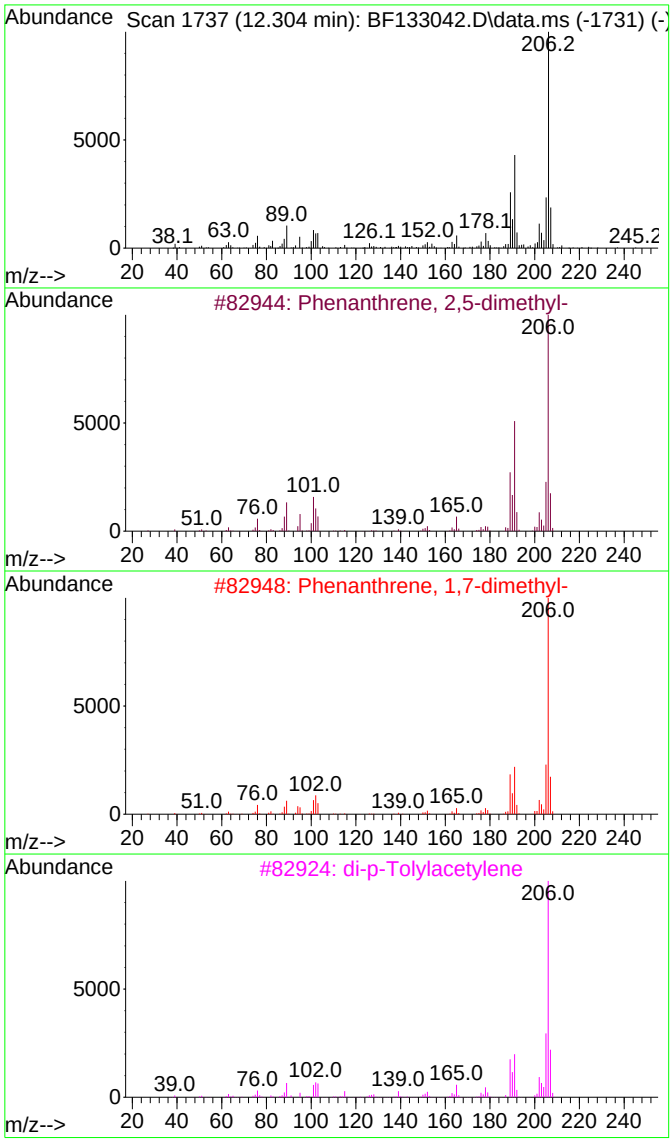
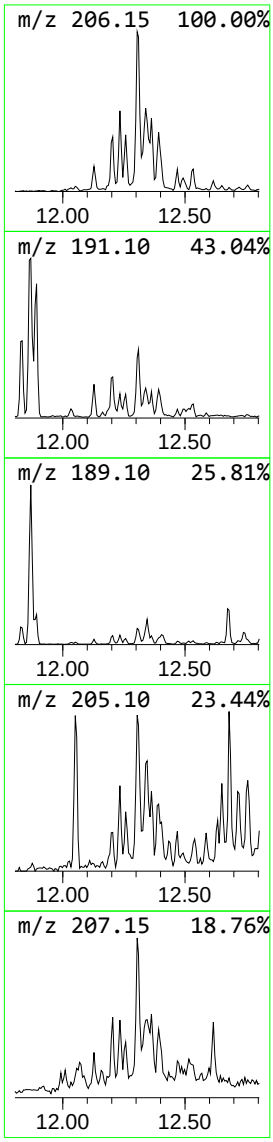
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	3.03 ng	276432	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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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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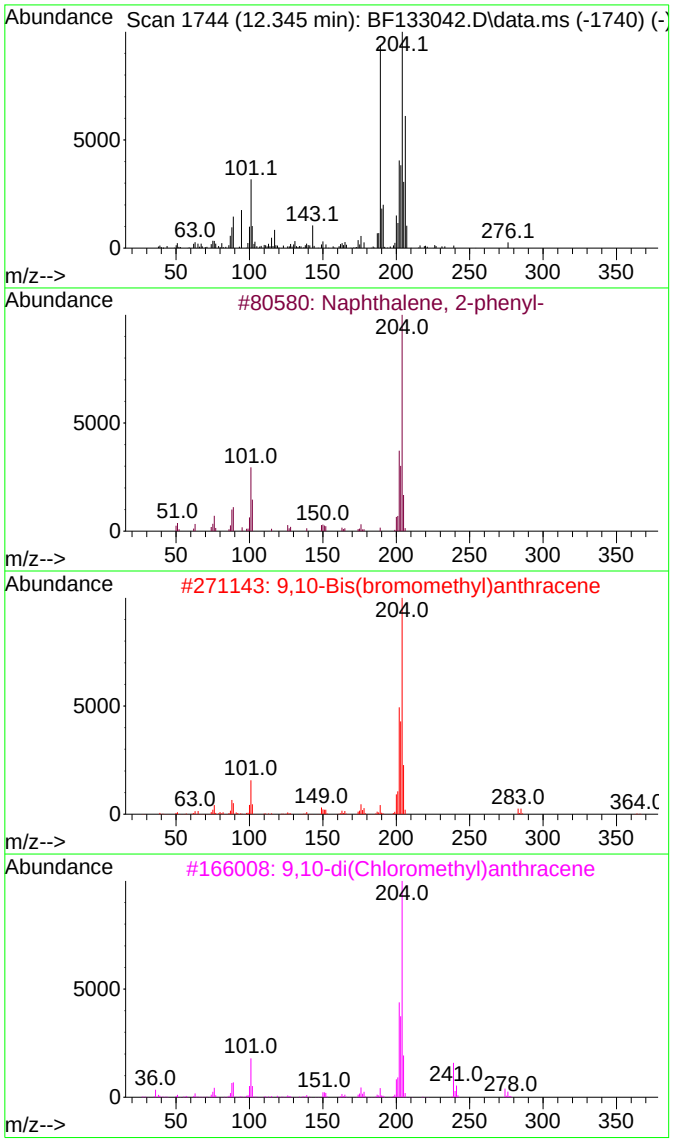
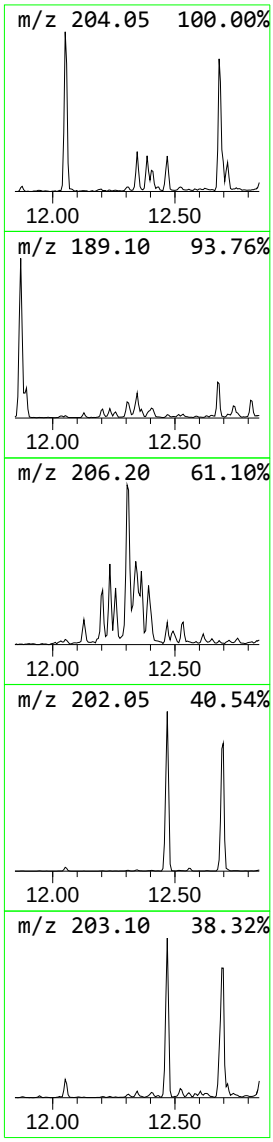
Peak Number 13 unknown12.345 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	2.63 ng	239851	Phenanthrene-d10	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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Misc :
ALS Vial : 11 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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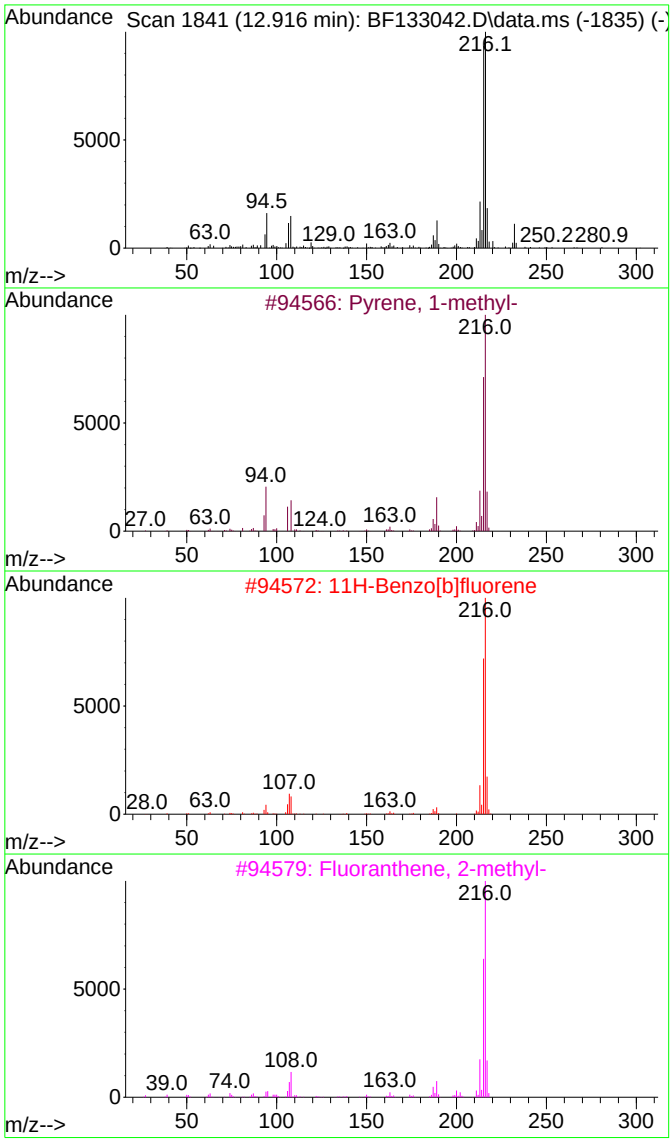
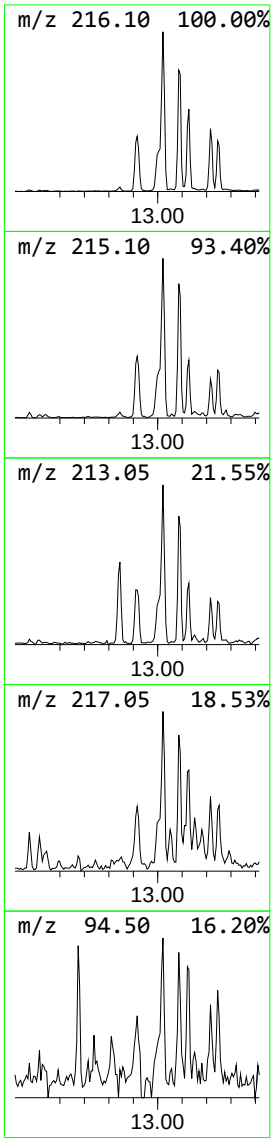
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	2.50 ng	291687	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-H4(ELEV-22)

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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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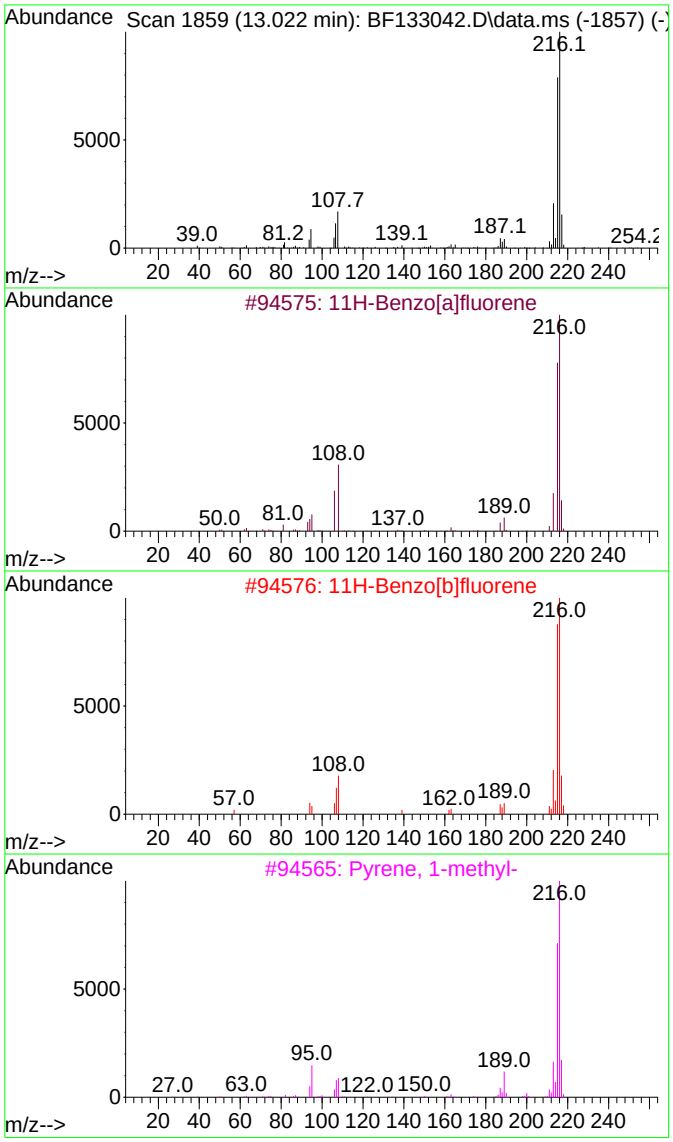
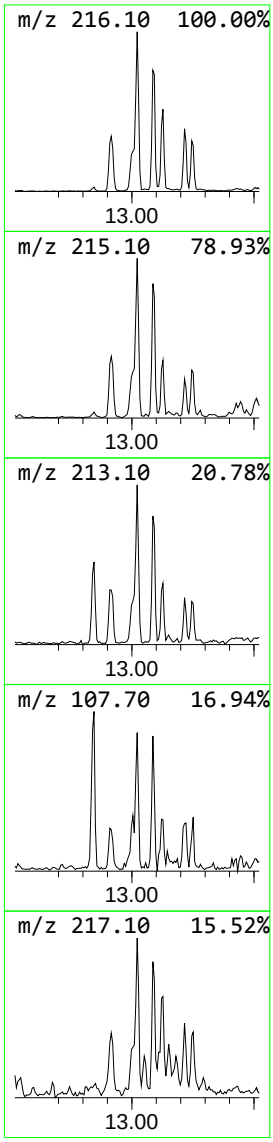
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.022	3.16 ng	368699	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ClientSampleId :
W-H4(ELEV-22)

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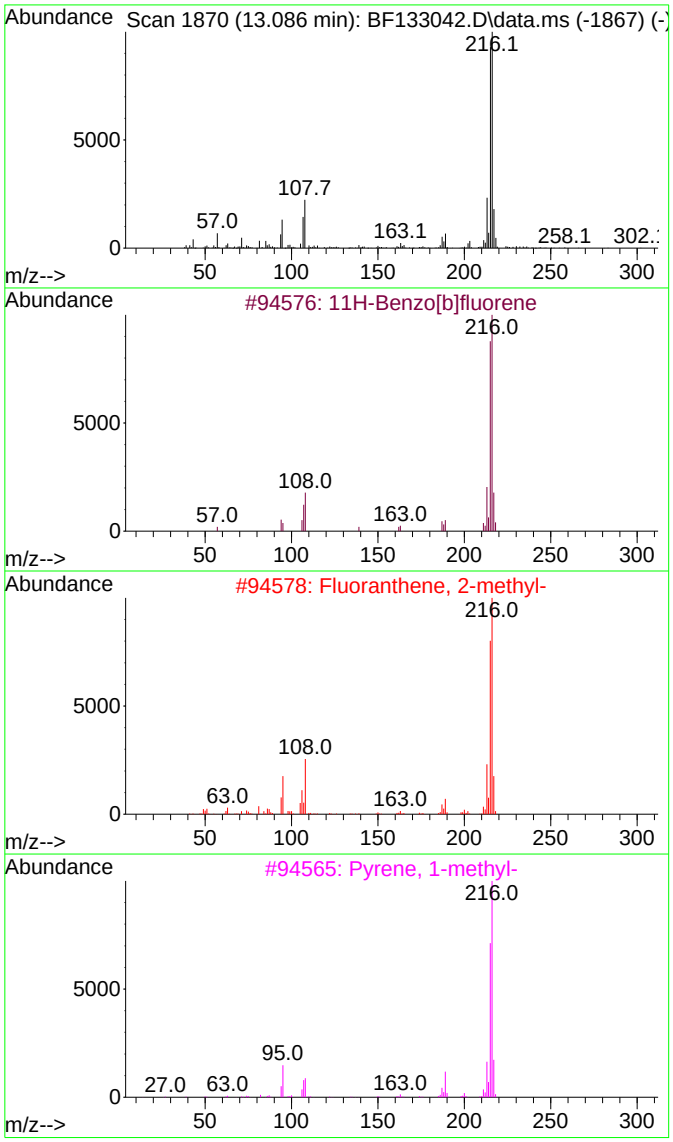
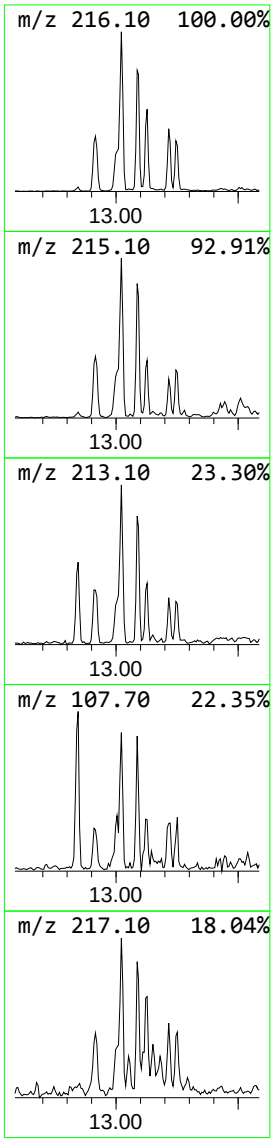
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.94 ng	342866	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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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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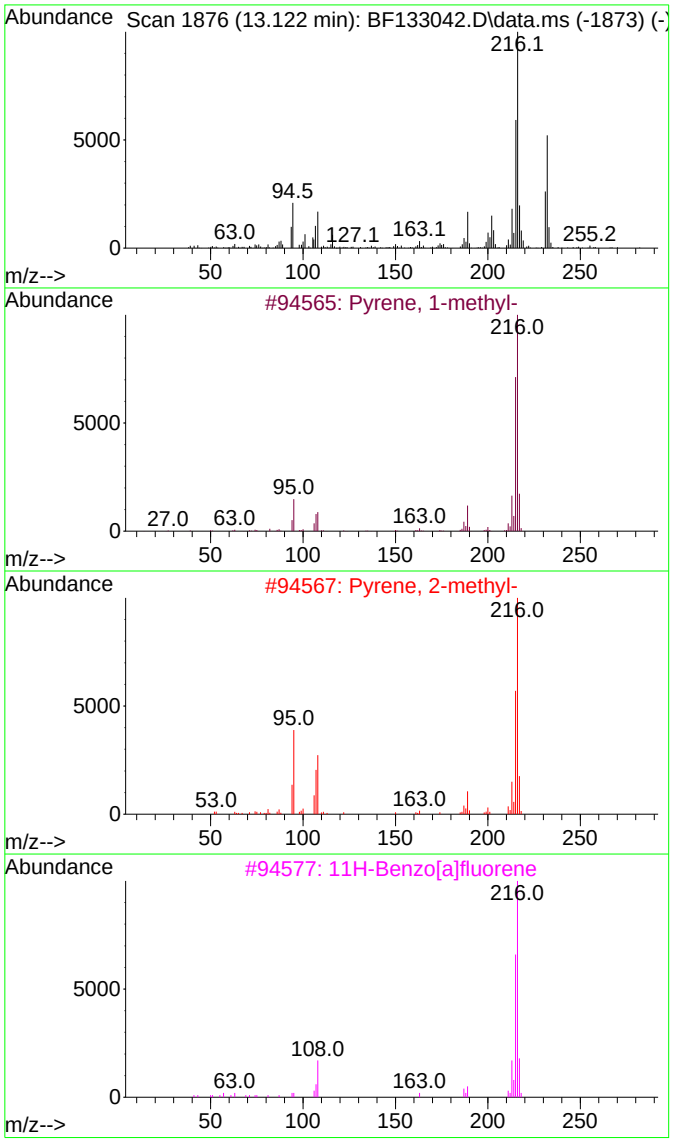
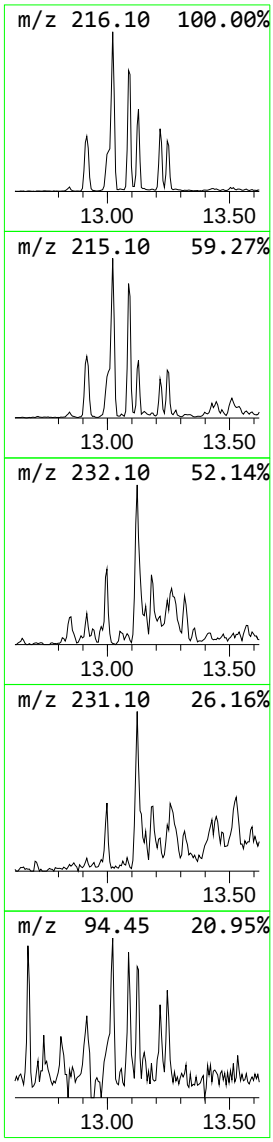
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.122	2.48 ng	289423	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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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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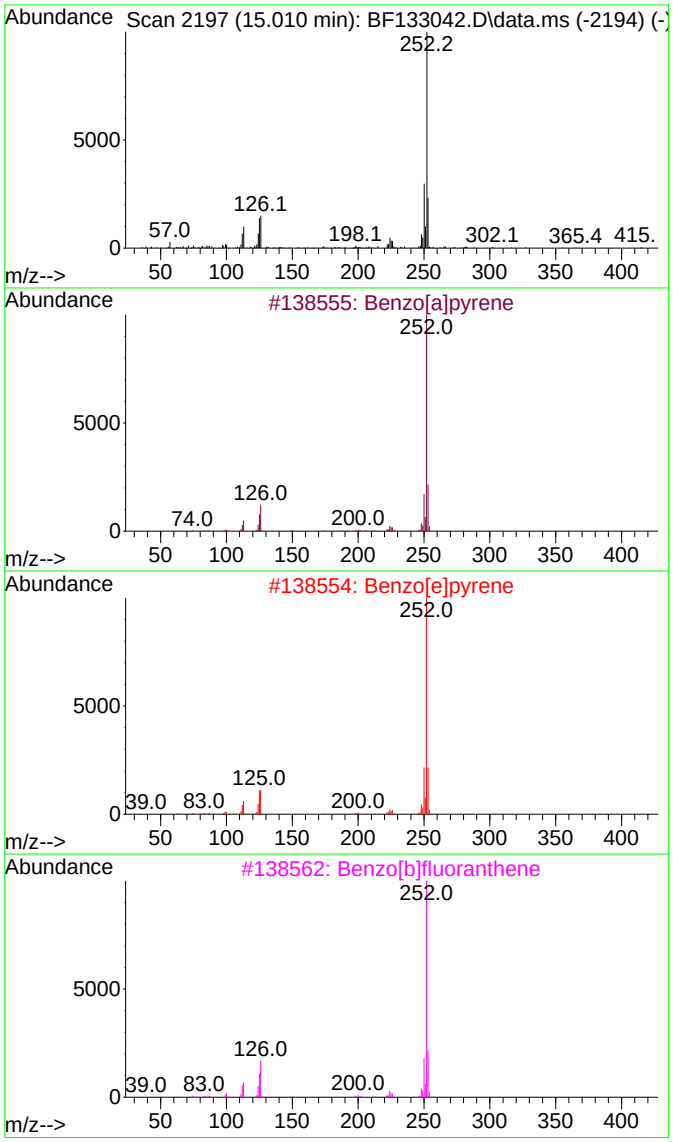
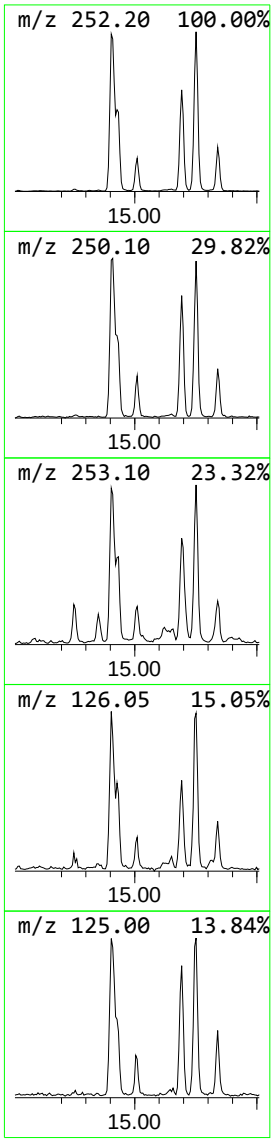
Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	2.65 ng	154295	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	91





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Sample : 02477-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-H4(ELEV-22)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

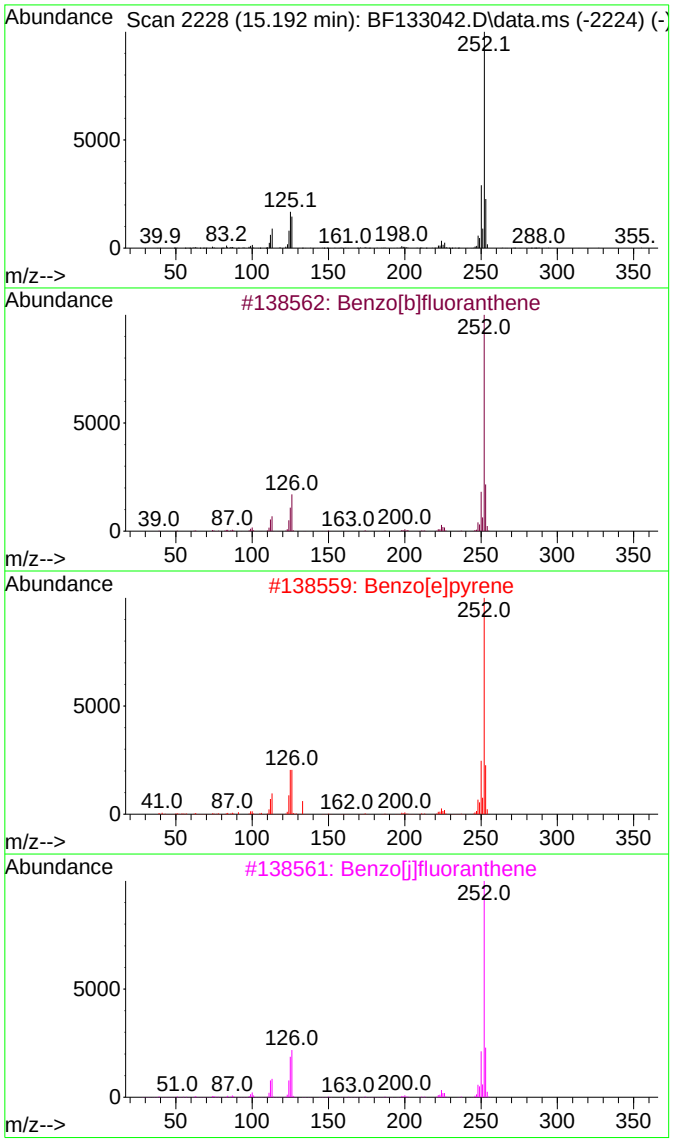
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

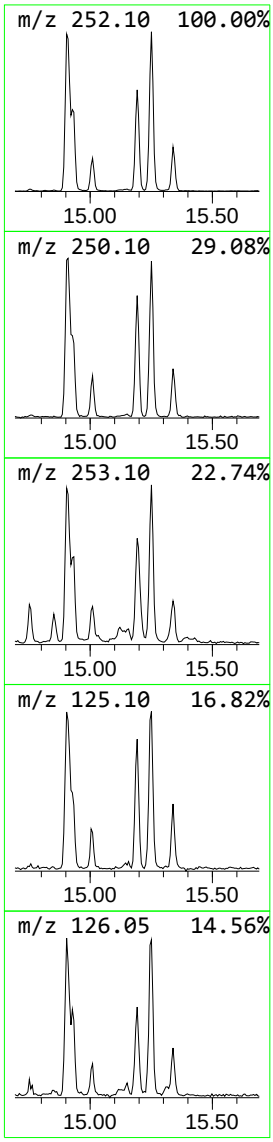
****

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	8.71 ng	507396	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133042.D
Acq On : 25 Apr 2023 23:00
Operator : CG\JU
Sample : 02477-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-H4(ELEV-22)

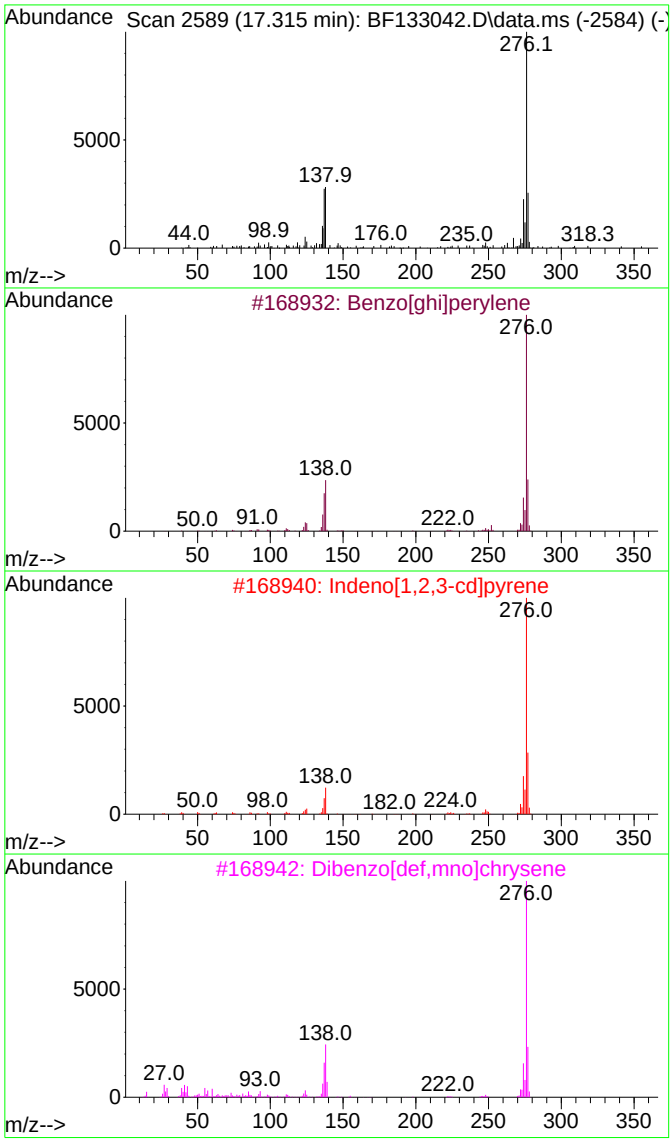
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

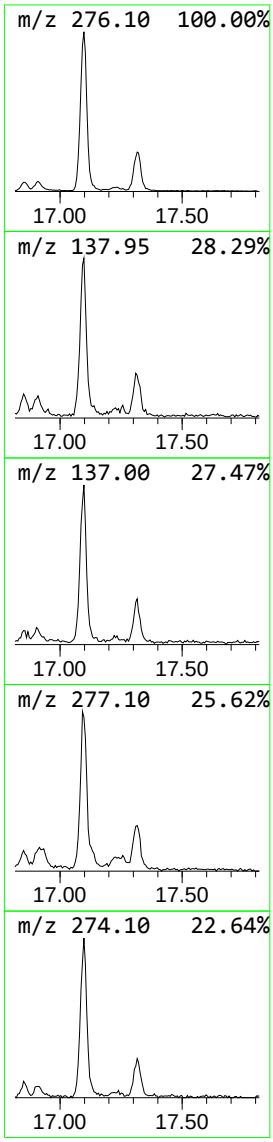
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	2.41 ng	140040	Perylene-d12	15.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	53
5	4-(2-(3-Nitrophenyl)ethenyl)quin...	276	C17H12N2O2	074839-90-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133042.D
Acq On : 25 Apr 2023 23:00
Operator : CG\JU
Sample : 02477-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-H4(ELEV-22)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Benzene, 1,2,3-...	6.569	3.4	ng	195879	1	6.740	1158550	20.0
Benzene, 1-prop...	6.998	3.0	ng	171547	1	6.740	1158550	20.0
Benzophenone	10.486	8.7	ng	789086	3	9.775	1817520	20.0
Ethane, 1-(9-bo...	11.381	2.5	ng	230185	4	11.257	1823870	20.0
Phenanthrene, 2...	11.757	4.0	ng	364693	4	11.257	1823870	20.0
Phenanthrene, 1...	11.786	7.5	ng	682968	4	11.257	1823870	20.0
Anthracene, 2-m...	11.828	2.5	ng	224841	4	11.257	1823870	20.0
4H-Cyclopenta[d...	11.869	7.6	ng	691555	4	11.257	1823870	20.0
Anthracene, 9-m...	11.892	2.7	ng	247844	4	11.257	1823870	20.0
Phenanthrene, 2...	12.304	3.0	ng	276432	4	11.257	1823870	20.0
unknown12.345	12.345	2.6	ng	239851	4	11.257	1823870	20.0
Pyrene, 1-methyl-	12.916	2.5	ng	291687	5	13.892	2332960	20.0
11H-Benzo[a]flu...	13.022	3.2	ng	368699	5	13.892	2332960	20.0
11H-Benzo[b]flu...	13.086	2.9	ng	342866	5	13.892	2332960	20.0
Pyrene, 2-methyl-	13.122	2.5	ng	289423	5	13.892	2332960	20.0
Benzo[e]pyrene	15.010	2.6	ng	154295	6	15.316	1164460	20.0
Benzo[j]fluoran...	15.192	8.7	ng	507396	6	15.316	1164460	20.0
Dibenzo[def,mno...	17.315	2.4	ng	140040	6	15.316	1164460	20.0