LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	22	rVB	584226	917428	41.68%	2.767%
2	2.257	22	28	35	rVB	19919	33146	1.51%	0.100%
3	5.092	502	510	522	rBV	125474	190151	8.64%	0.573%
4	5.504	575	580	599	rBV	992376	1372330	62.35%	4.139%
5	6.510	746	751	777	rBV	1005273	1463692	66.50%	4.414%
6	6.869	807	812	819	rBV	319141	392467	17.83%	1.184%
7	7.433	902	908	918	rBV	718761	977369	44.40%	2.948%
8	7.686	946	951	962	rBV	19481	37355	1.70%	0.113%
9	8.151	1019	1030	1041	rBV2	381230	587270	26.68%	1.771%
10	9.222	1206	1212	1221	rBV	1474708	1865169	84.74%	5.625%
11	9.563	1265	1270	1273	rBV	21409	31871	1.45%	0.096%
12	9.769	1300	1305	1311	rBV	97516	130718	5.94%	0.394%
13	9.904	1321	1328	1333	rBV	470033	607857	27.62%	1.833%
14	10.110	1357	1363	1366	rBV3	30290	42951	1.95%	0.130%
15	10.145	1366	1369	1378	rVB	30536	40495	1.84%	0.122%
16	10.222	1378	1382	1385	rBV	30266	43885	1.99%	0.132%
17	10.316	1392	1398	1403	rBV2	24083	51907	2.36%	0.157%
18	10.451	1415	1421	1427	rVB2	33590	62144	2.82%	0.187%
19	10.616	1444	1449	1456	rVB	263731	344736	15.66%	1.040%
20	10.698	1458	1463	1477	rVV	797284	1083459	49.22%	3.268%
21	10.816	1477	1483	1488	rVB4	34725	60303	2.74%	0.182%
22	10.927	1498	1502	1506	rVB2	24393	34009	1.55%	0.103%
23	11.004	1510	1515	1518	rBV2	45330	67118	3.05%	0.202%
24	11.127	1532	1536	1539	rBV	68359	109681	4.98%	0.331%
25	11.204	1546	1549	1552	rBV2	23931	28986	1.32%	0.087%
26	11.239	1552	1555	1561	rVV	56184	78413	3.56%	0.236%
27	11.292	1561	1564	1574	rVB3	33972	59044	2.68%	0.178%
28	11.398	1576	1582	1584	rBV	439553	639611	29.06%	1.929%
29	11.421	1584	1586	1591	rVV	453397	475891	21.62%	1.435%
30	11.474	1591	1595	1606	rVB	161004	252834	11.49%	0.763%
31	11.645	1618	1624	1628	rBV3	59962	113192	5.14%	0.341%
32	11.686	1628	1631	1635	rVV	46914	74815	3.40%	0.226%
33	11.739	1635	1640	1645	rVV4	24777	51109	2.32%	0.154%
34	11.810	1649	1652	1657	rVB4	15559	23153	1.05%	0.070%
35	11.898	1663	1667	1669	rBV	153089	191450	8.70%	0.577%
36	11.927	1669	1672	1676	rVV	231520	292503	13.29%	0.882%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.974	1676	1680	1683	rVV	121590	165176	7.50%	0.498%
38	12.016	1683	1687	1695	rVB	279032	546461	24.83%	1.648%
39	12.080	1695	1698	1705	rBV5	27575	42950	1.95%	0.130%
40	12.192	1709	1717	1721	rBV	103066	157121	7.14%	0.474%
41	12.233	1721	1724	1727	rVB2	33898	39683	1.80%	0.120%
42	12.345	1737	1743	1745	rBV2	53764	83458	3.79%	0.252%
43	12.374	1745	1748	1750	rVV	49276	59135	2.69%	0.178%
44	12.404	1750	1753	1756	rVB2	34565	41740	1.90%	0.126%
45	12.451	1756	1761	1764	rBV	139900	204703	9.30%	0.617%
46	12.486	1764	1767	1773	rVV3	87012	190508	8.66%	0.575%
47	12.545	1773	1777	1784	rVB3	123558	188271	8.55%	0.568%
48	12.621	1784	1790	1794	rBV	1646657	2201102	100.00%	6.638%
49	12.710	1802	1805	1809	rVB	125690	145212	6.60%	0.438%
50	12.768	1811	1815	1821	rVB2	56666	102162	4.64%	0.308%
51	12.851	1821	1829	1833	rBV2	1377911	2200052	99.95%	6.635%
52	12.898	1833	1837	1841	rVB2	113780	167557	7.61%	0.505%
53	12.980	1843	1851	1859	rBV2	1005169	1443496	65.58%	4.353%
54	13.063	1859	1865	1871	rBV2	167527	333922	15.17%	1.007%
55	13.115	1872	1874	1876	rBV	20979	22994	1.04%	0.069%
56	13.174	1876	1884	1888	rVB2	244207	493567	22.42%	1.489%
57	13.239	1891	1895	1898	rBV	124146	164577	7.48%	0.496%
58	13.274	1898	1901	1908	rVB2	193960	299559	13.61%	0.903%
59	13.333	1908	1911	1914	rBV3	29484	33232	1.51%	0.100%
60	13.374	1914	1918	1920	rBV	75761	94017	4.27%	0.284%
61	13.404	1920	1923	1930	rVB3	99313	143241	6.51%	0.432%
62	13.463	1930	1933	1942	rVB5	42912	98247	4.46%	0.296%
63	13.551	1944	1948	1949	rBV2	32251	38144	1.73%	0.115%
64	13.662	1963	1967	1968	rBV3	30643	39792	1.81%	0.120%
65	13.686	1968	1971	1976	rVB	133501	181894	8.26%	0.549%
66	13.798	1985	1990	1992	rBV	137118	200423	9.11%	0.604%
67	13.821	1992	1994	1997	rVV	150585	186204	8.46%	0.562%
68	13.851	1997	1999	2004	rVV2	101966	176032	8.00%	0.531%
69	13.898	2004	2007	2013	rVB	140238	196184	8.91%	0.592%
70	13.968	2014	2019	2024	rBV	46949	103015	4.68%	0.311%
71	14.045	2026	2032	2035	rBV2	1069268	1726281	78.43%	5.206%
72	14.080	2035	2038	2045	rVB	716689	987108	44.85%	2.977%
73	14.157	2048	2051	2055	rVB	65624	76121	3.46%	0.230%
74	14.204	2055	2059	2066	rBV2	120109	195073	8.86%	0.588%
75	14.374	2085	2088	2091	rBV	25537	32651	1.48%	0.098%
76	14.410	2091	2094	2096	rBV	46060	62949	2.86%	0.190%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.445	2096	2100	2103	rVV	172895	227459	10.33%	0.686%
78	14.480	2103	2106	2110	rVB2	63080	73944	3.36%	0.223%
79	14.527	2111	2114	2115	rBV3	25770	30786	1.40%	0.093%
80	14.574	2119	2122	2124	rBV	52680	59104	2.69%	0.178%
81	14.774	2152	2156	2165	rBV8	48415	119068	5.41%	0.359%
82	14.951	2182	2186	2193	rBV2	72301	116771	5.31%	0.352%
83	15.121	2209	2215	2225	rBV	752927	1793378	81.48%	5.409%
84	15.227	2229	2233	2238	rVB	170866	233816	10.62%	0.705%
85	15.327	2245	2250	2254	rBV2	47527	110286	5.01%	0.333%
86	15.427	2262	2267	2273	rVB	368456	610661	27.74%	1.842%
87	15.498	2273	2279	2284	rBV	632437	965358	43.86%	2.911%
88	15.556	2284	2289	2292	rVV	233161	376563	17.11%	1.136%
89	15.586	2292	2294	2303	rVB2	157130	254705	11.57%	0.768%
90	15.733	2315	2319	2322	rBV3	32365	59570	2.71%	0.180%
91	16.051	2370	2373	2376	rBV	19240	27700	1.26%	0.084%
92	16.133	2384	2387	2391	rBV2	25883	34369	1.56%	0.104%
93	16.868	2506	2512	2515	rBV2	34258	69457	3.16%	0.209%
94	17.074	2539	2547	2555	rBV	242781	532593	24.20%	1.606%
95	17.145	2556	2559	2566	rVB	24302	43613	1.98%	0.132%
96	17.250	2571	2577	2582	rBV	60343	136221	6.19%	0.411%
97	17.309	2583	2587	2593	rVB2	38061	81303	3.69%	0.245%
98	17.533	2618	2625	2640	rVB	146818	358707	16.30%	1.082%
99	17.780	2661	2667	2685	rVB2	50762	149690	6.80%	0.451%

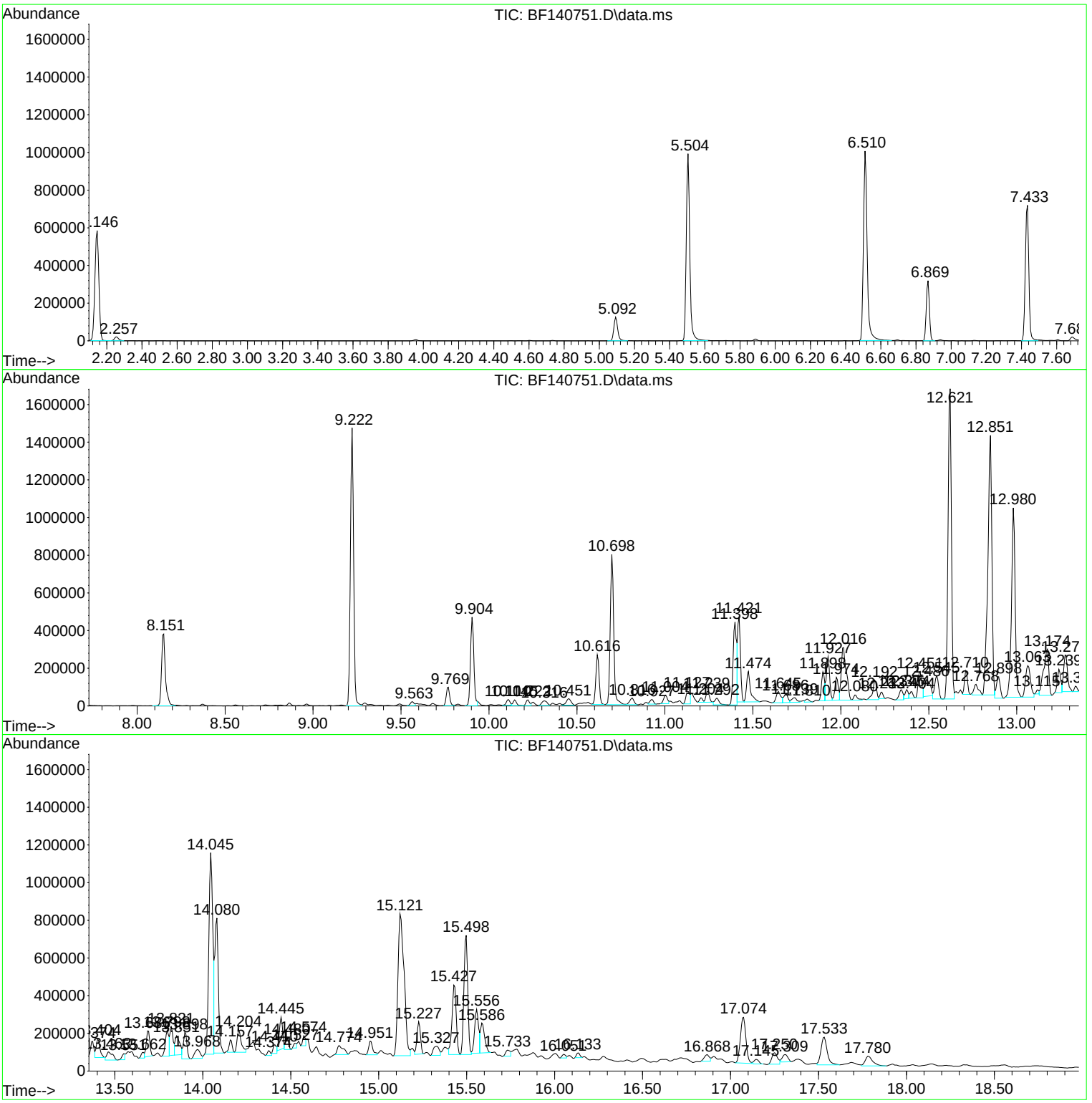
Sum of corrected areas: 33157648

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

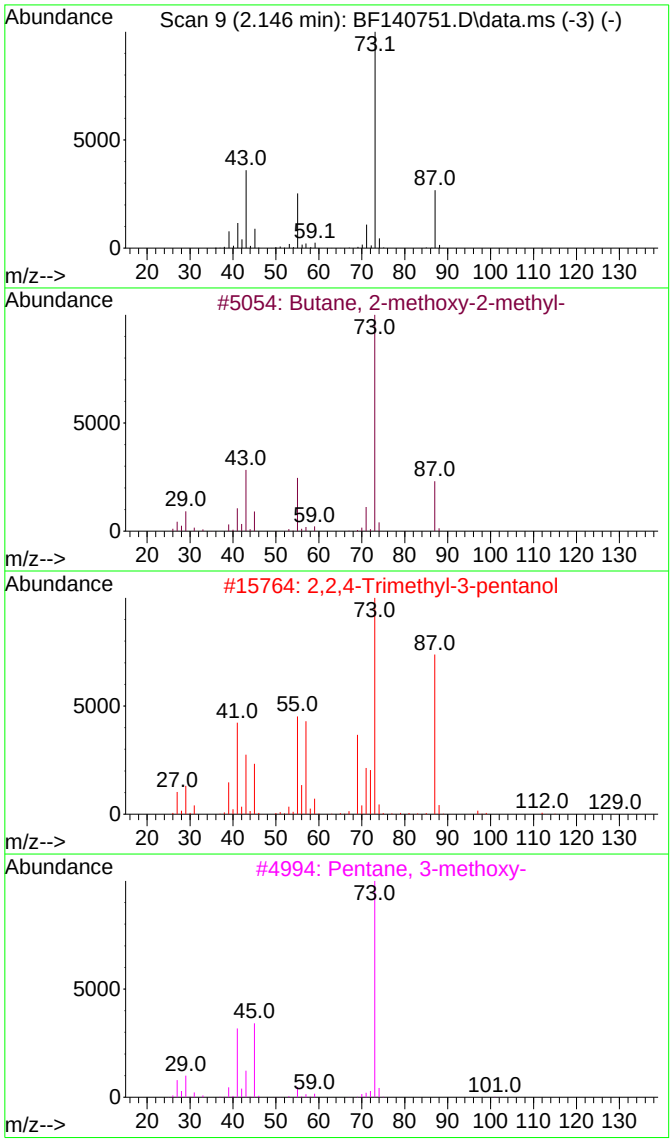
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

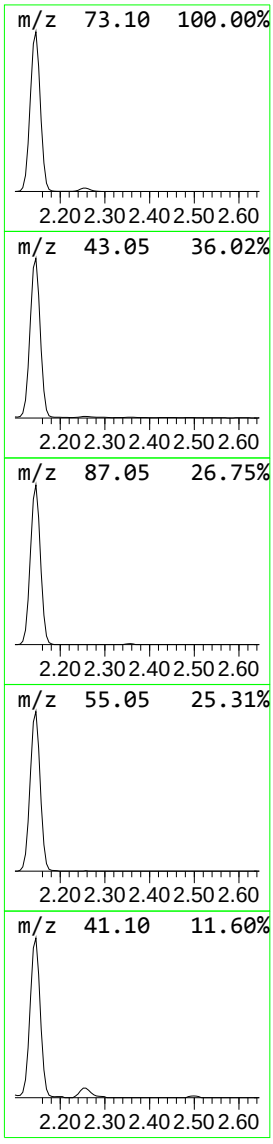
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	46.75 ng	917428	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

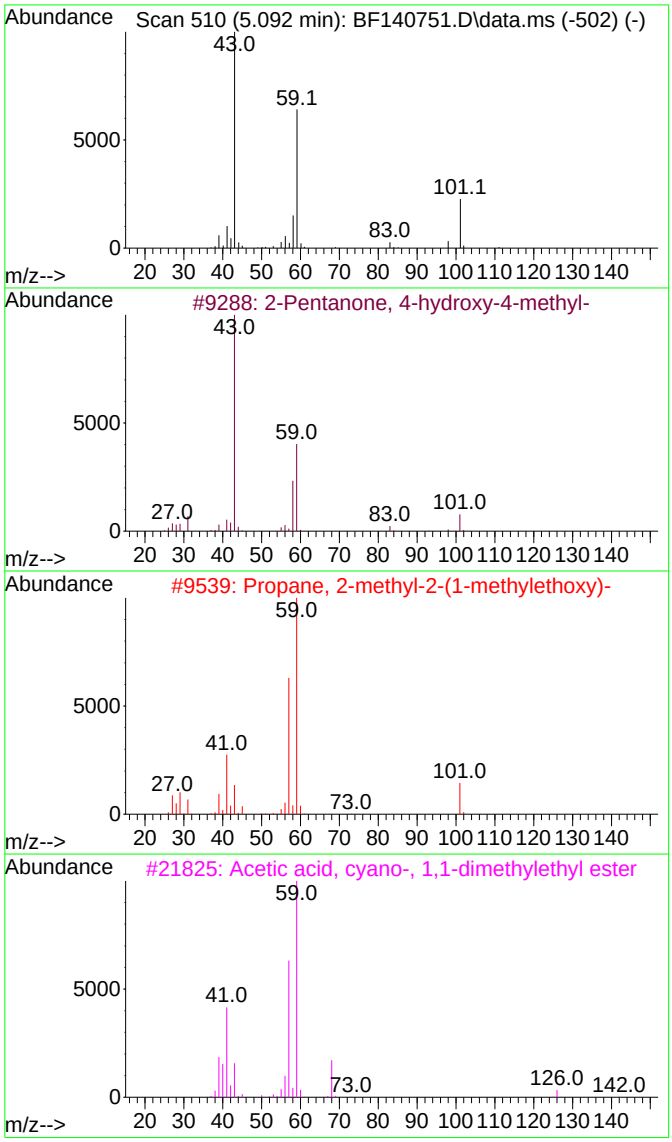
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

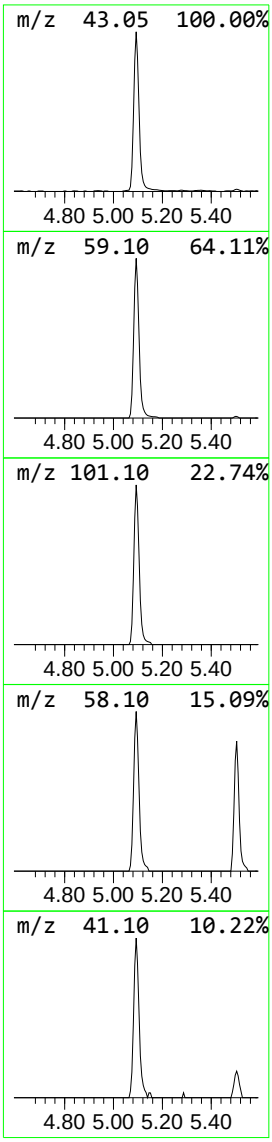
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	9.69 ng	190151	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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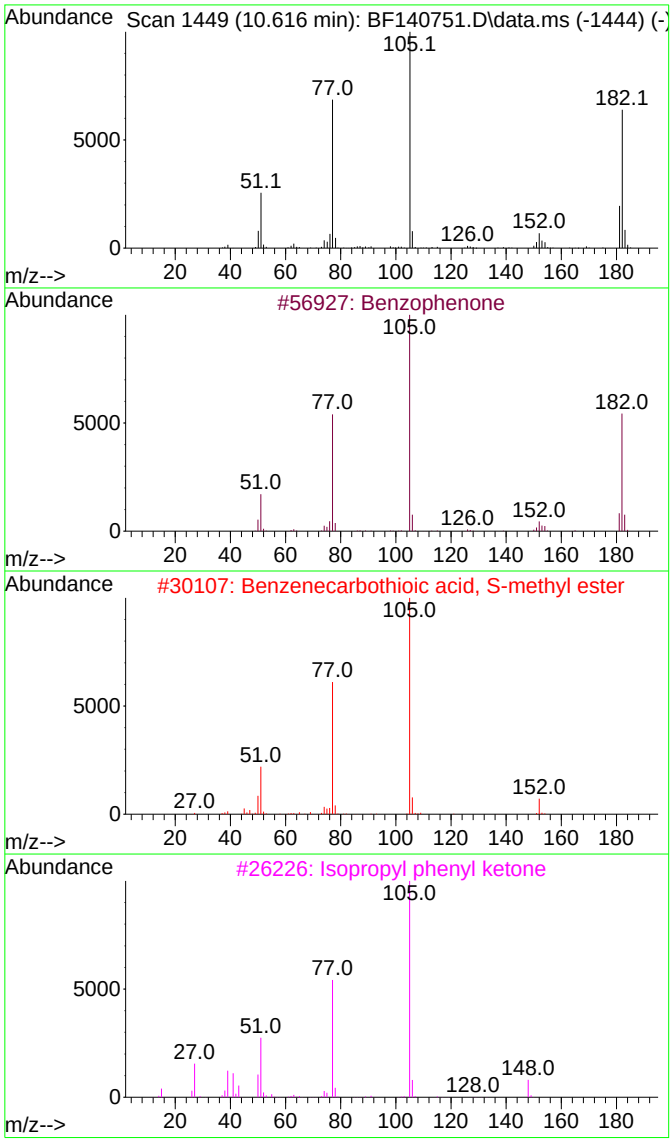
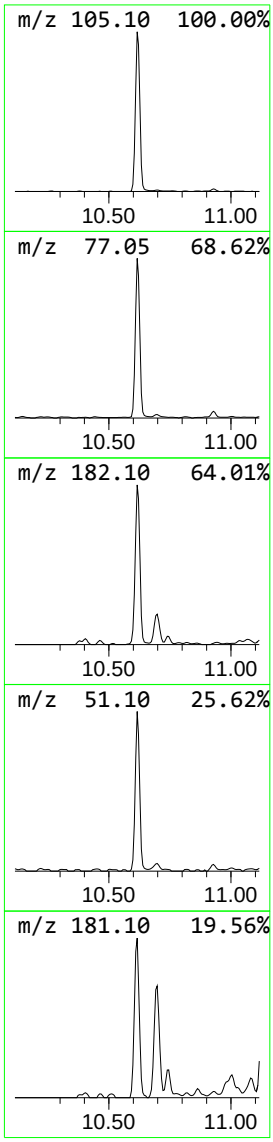
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	11.34 ng	344736	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	Isopropyl phenyl ketone	148	C10H12O	000611-70-1	38
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	38
5	N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
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Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

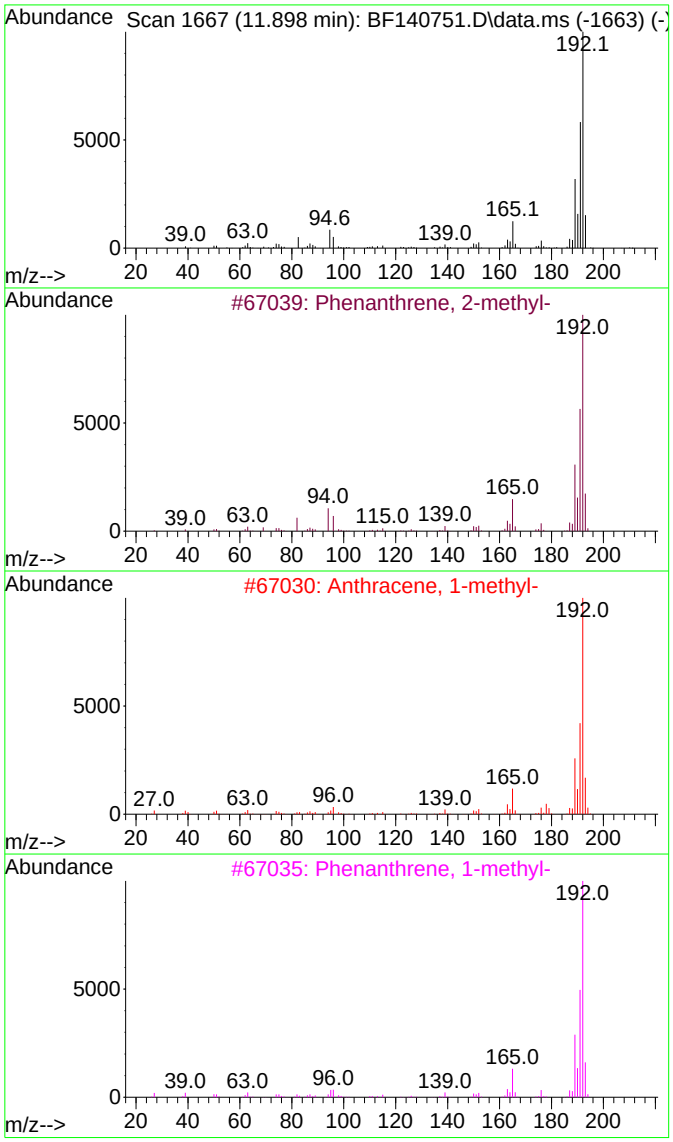
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

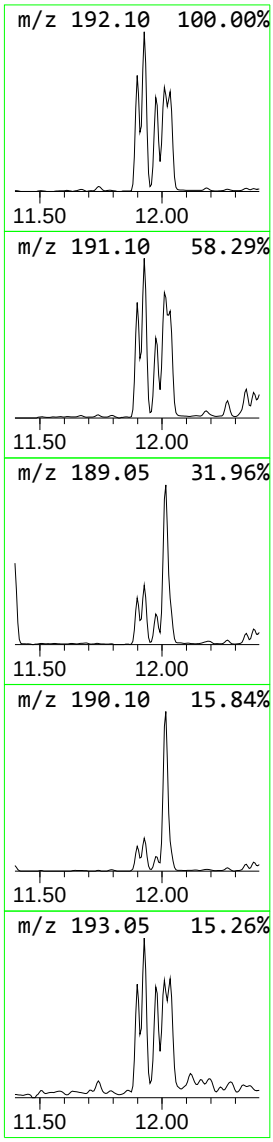
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.99 ng	191450	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

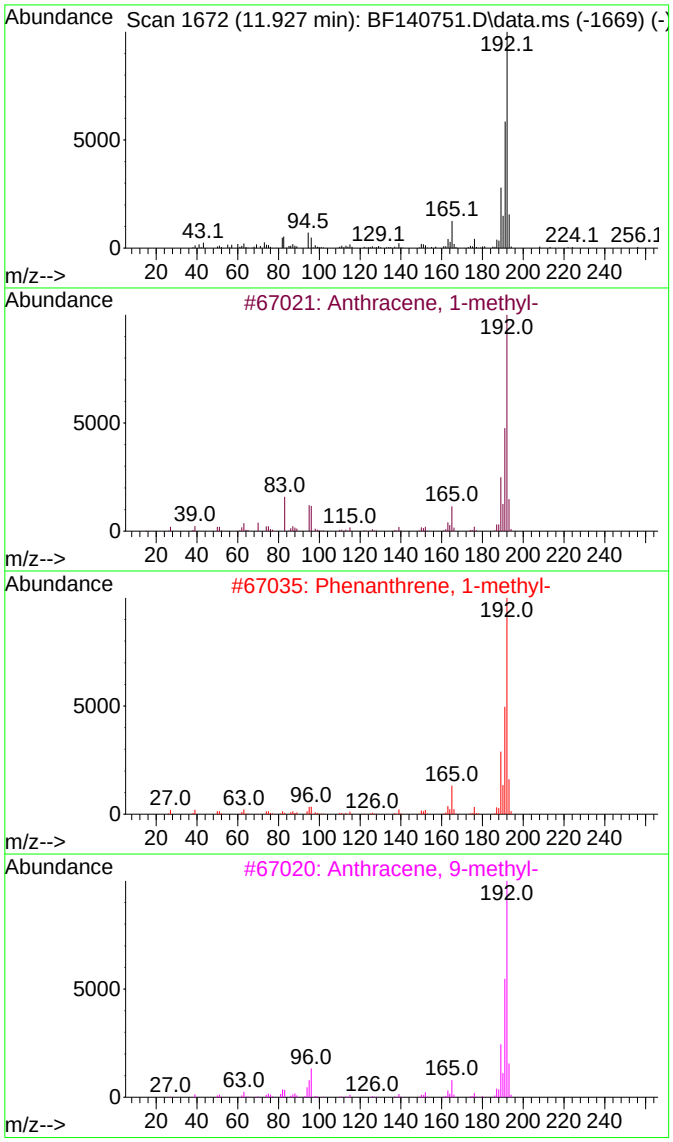
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

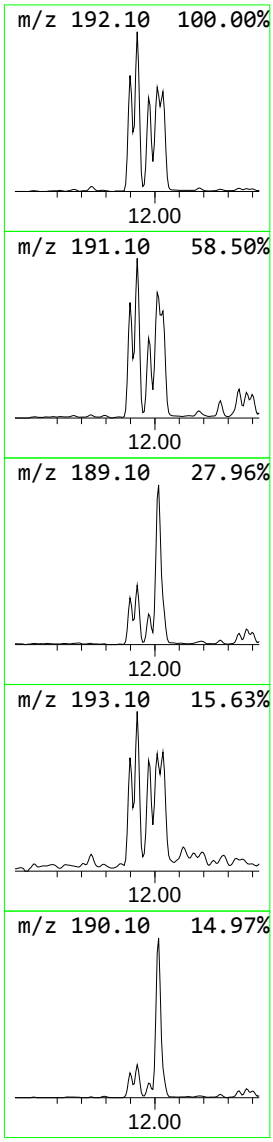
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	9.15 ng	292503	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Sample : P5096-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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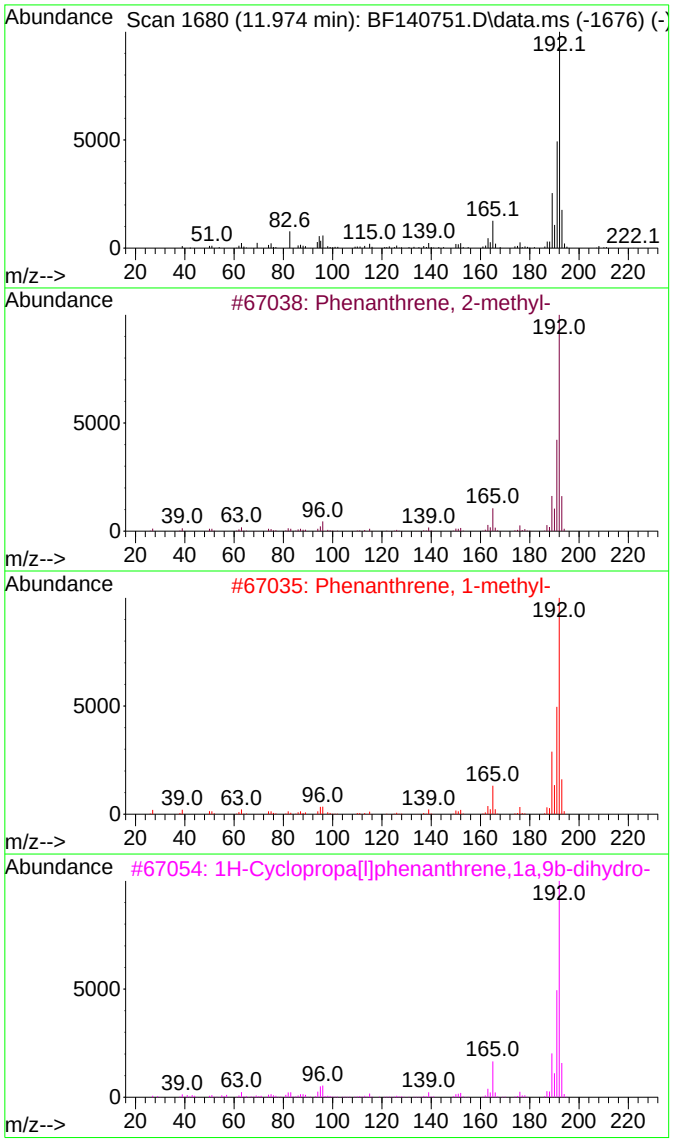
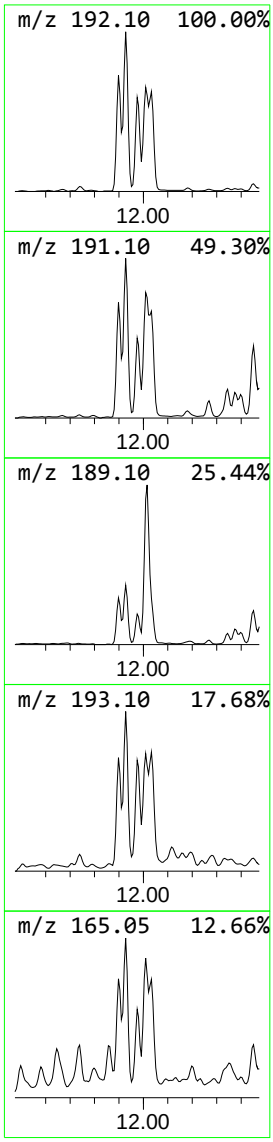
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	5.16 ng	165176	Phenanthrene-d10	11.398

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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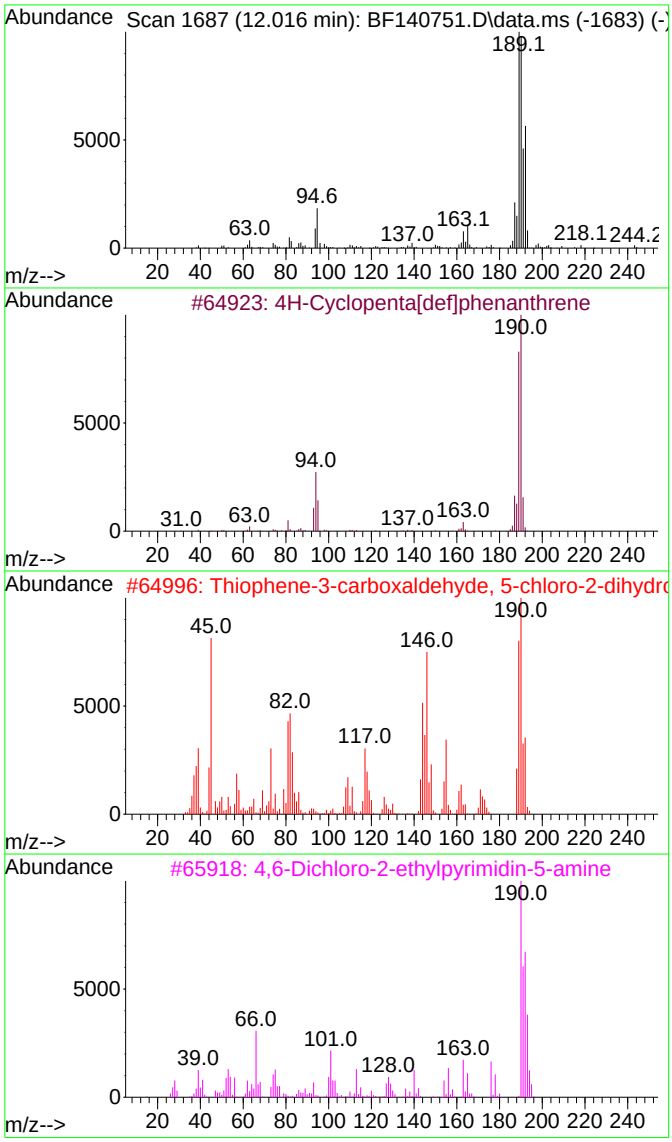
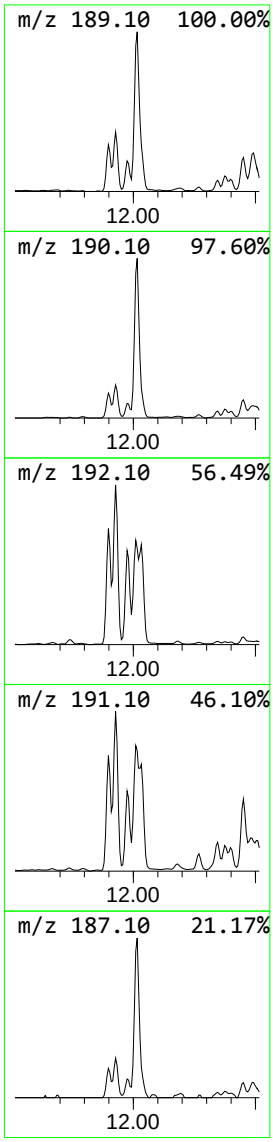
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.015	17.09 ng	546461	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	32





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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
TIC Integration Parameters: LSCINT.P

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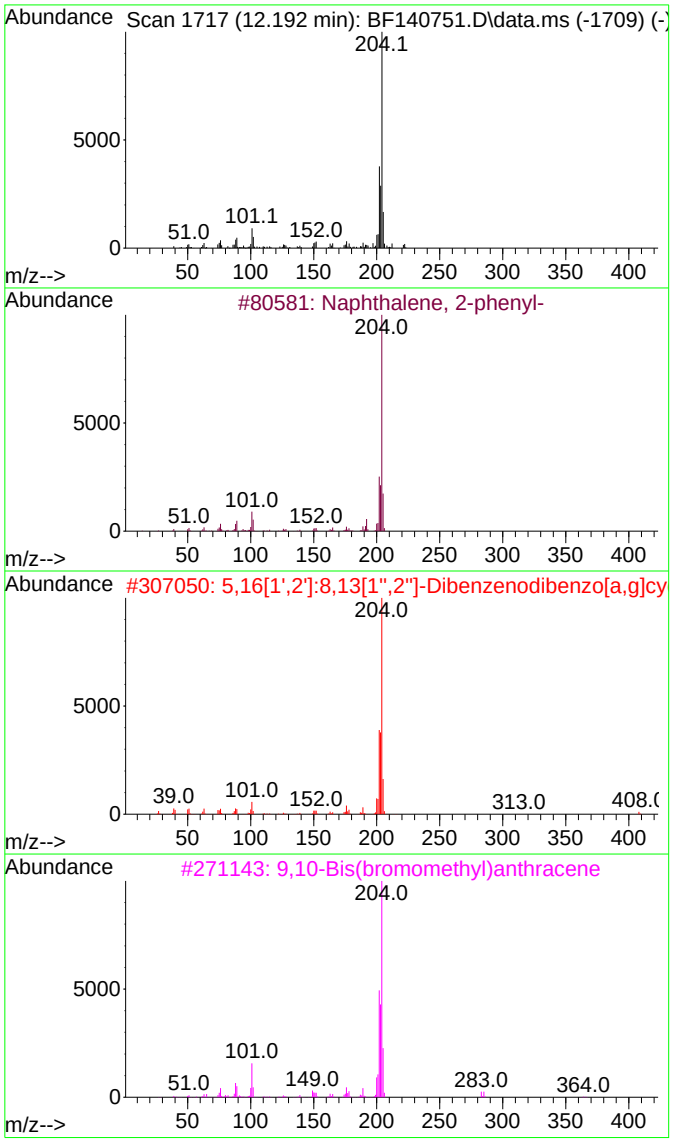
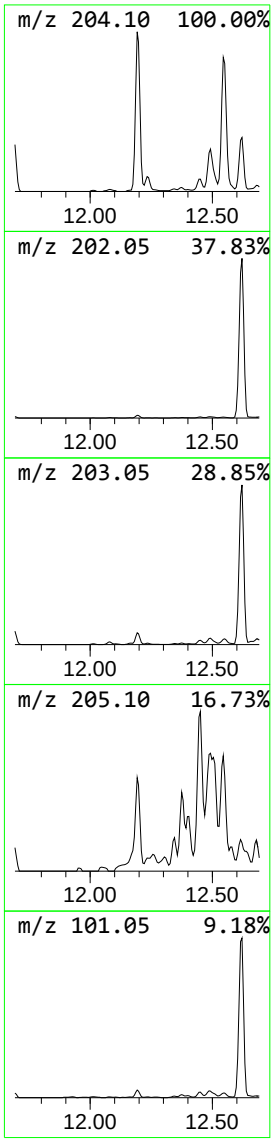
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	4.91 ng	157121	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	64
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53





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ALS Vial : 10 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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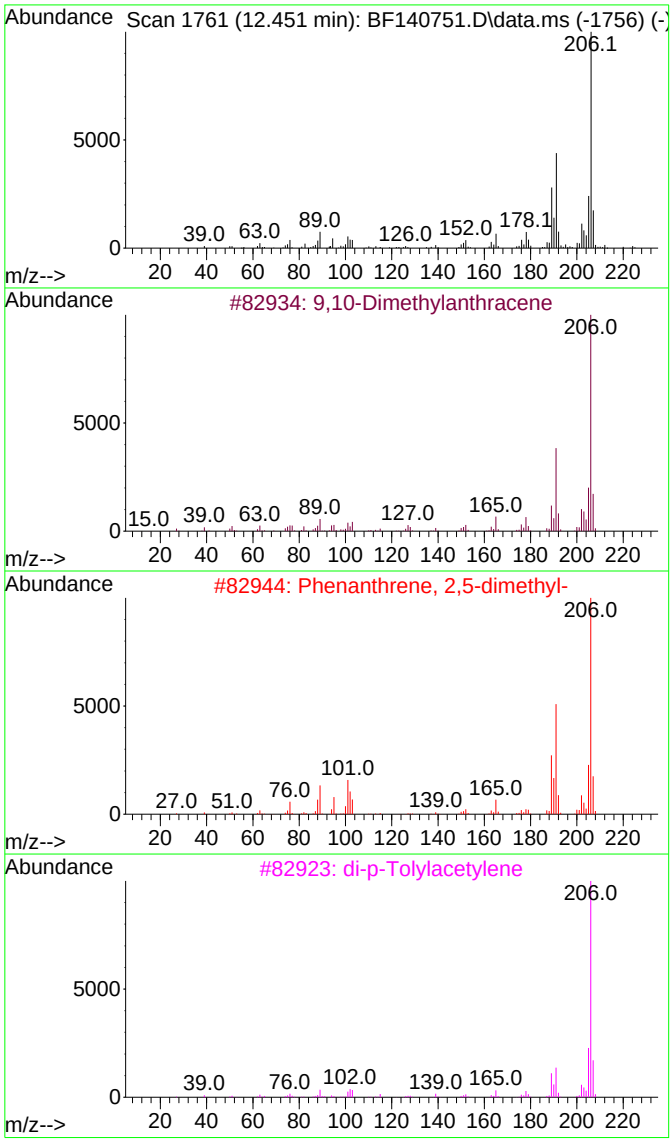
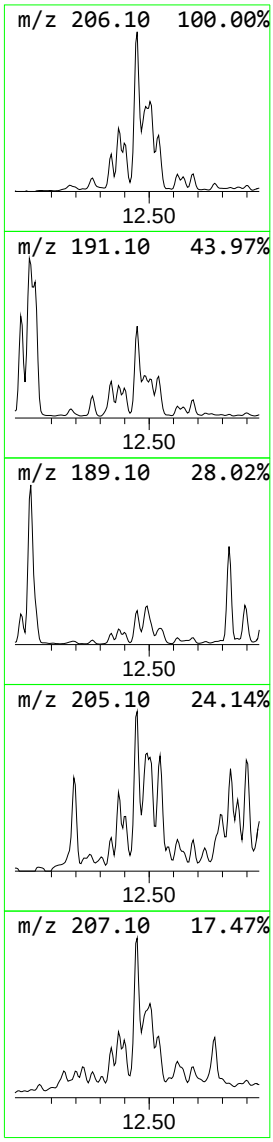
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	6.40 ng	204703	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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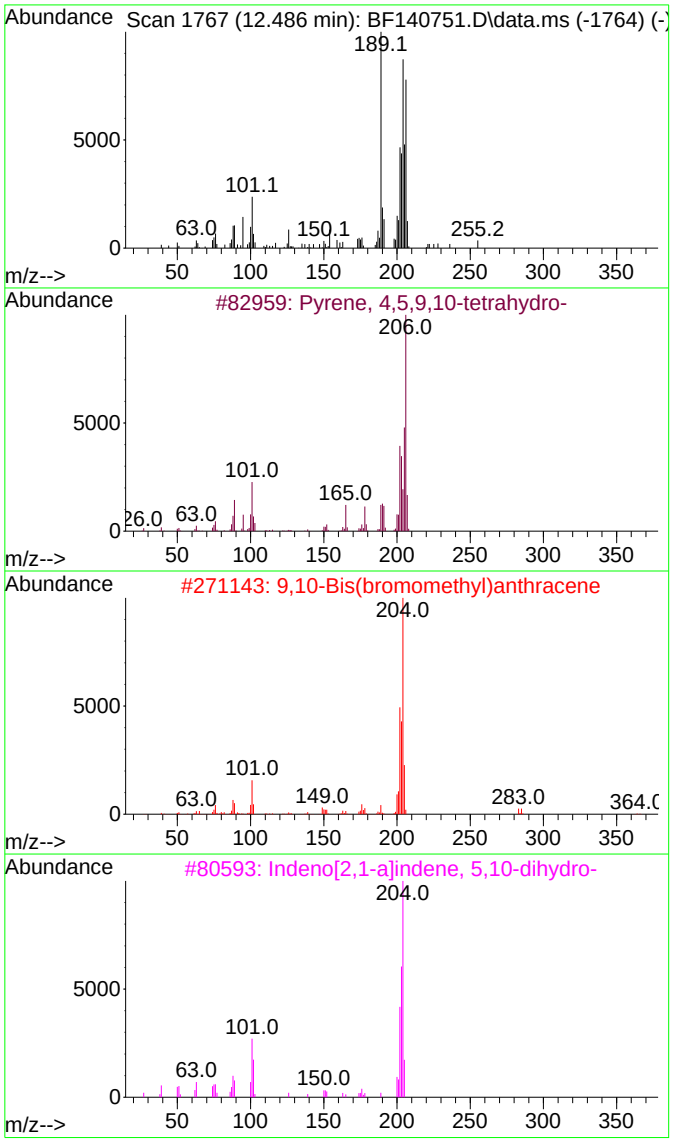
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

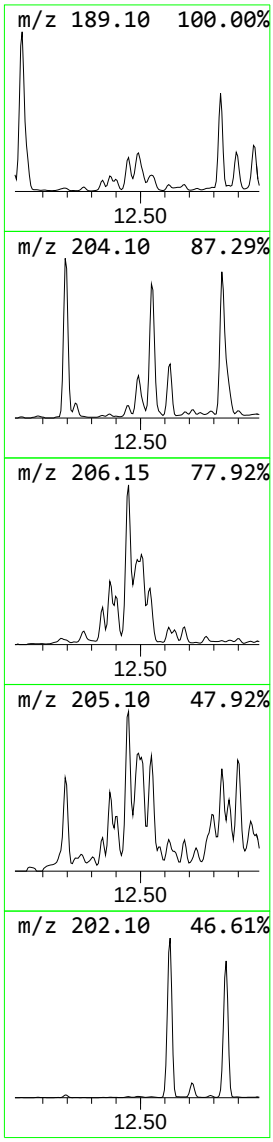
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	5.96 ng	190508	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	92
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	46
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
4	Benzoic acid, m-[[(dimethylamino...	206	C11H14N2O2	029366-18-5	35
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30





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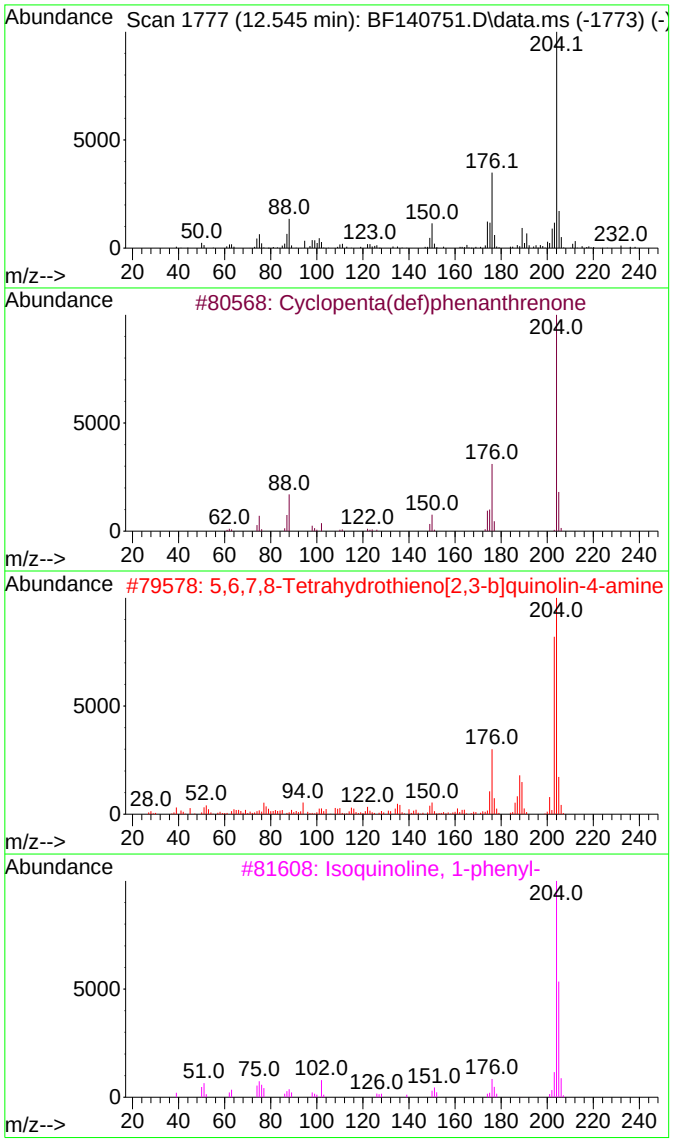
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

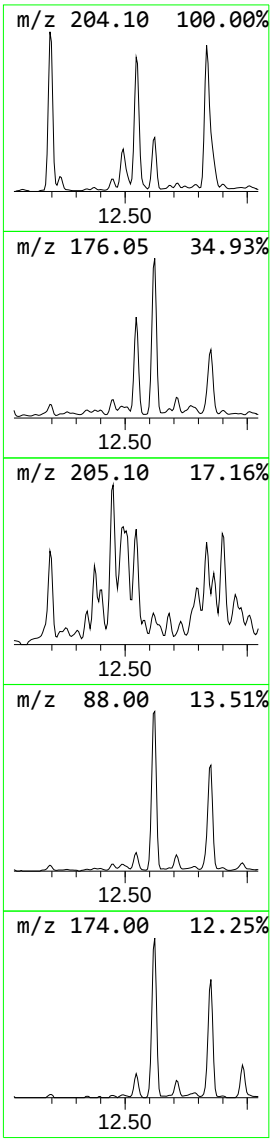
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	5.89 ng	188271	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	64
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	50





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Misc :
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Instrument :
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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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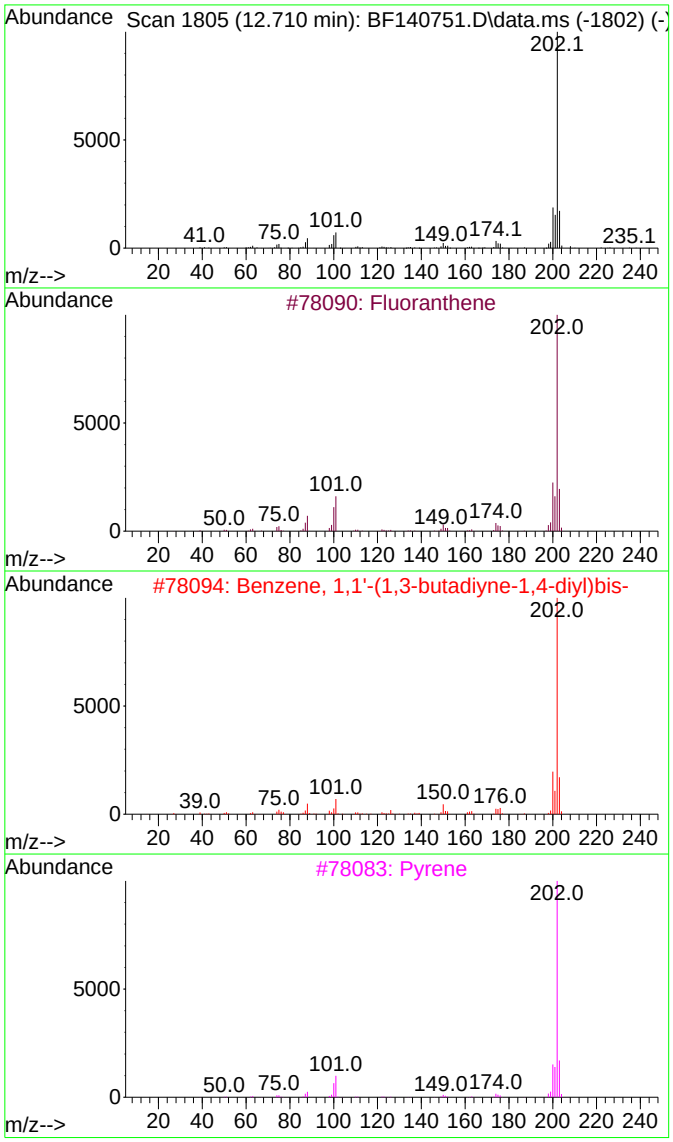
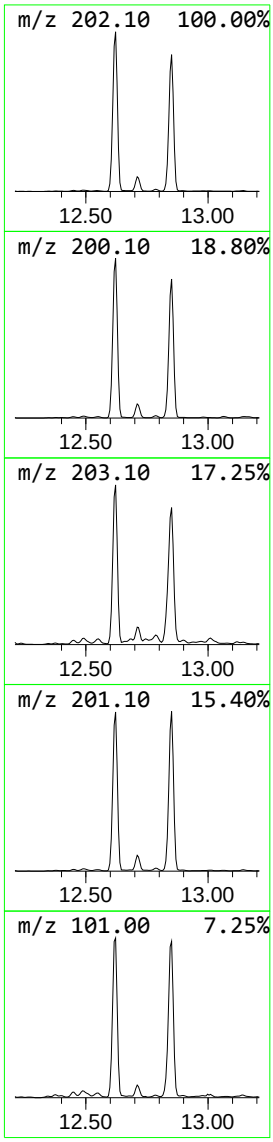
Peak Number 12 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	4.54 ng	145212	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	94
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	87
3	Pyrene	202	C16H10	000129-00-0	87
4	2-pyrazinol, 3-bromo-5,6-dimethyl-	202	C6H7BrN2O	1010396-05-3	40
5	2-Naphthoic acid, 6-methoxy-	202	C12H10O3	002471-70-7	38





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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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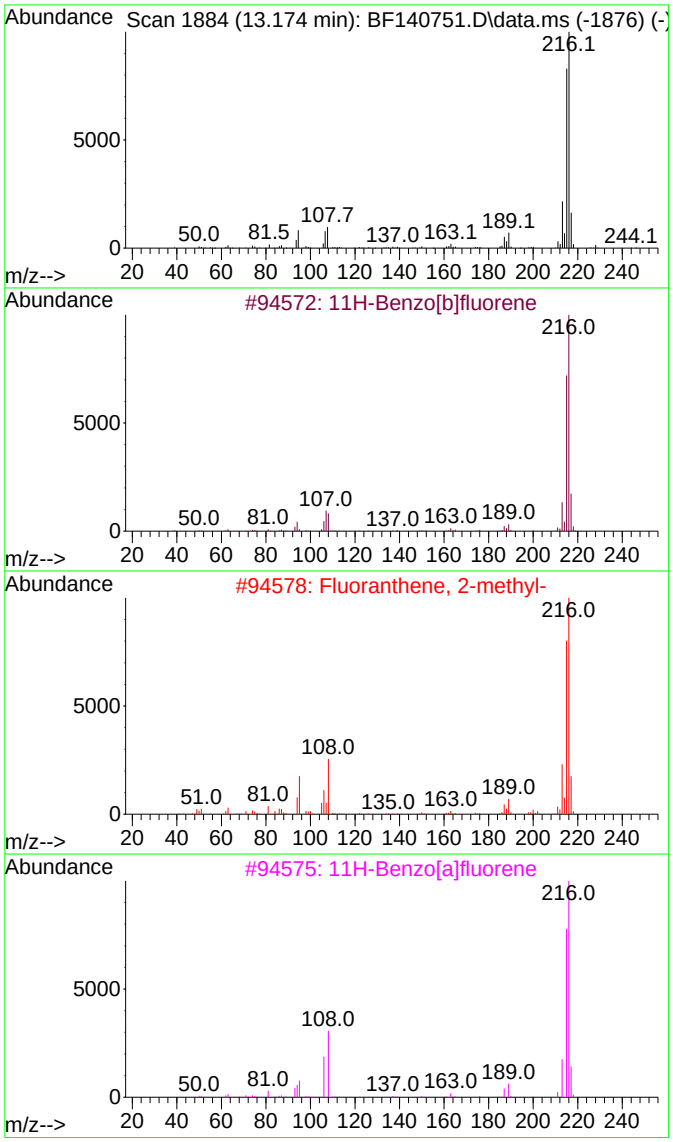
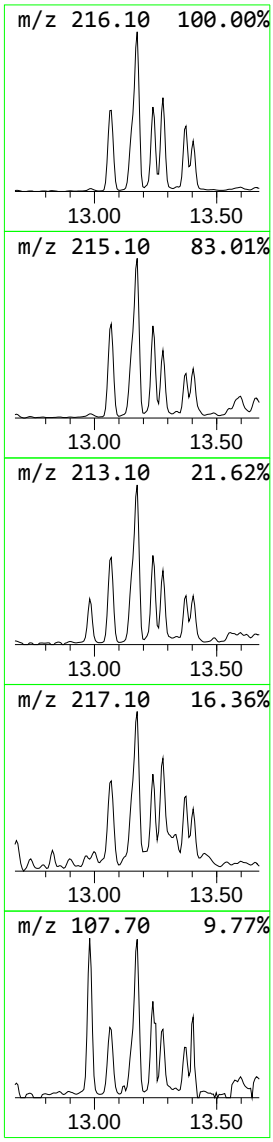
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	5.72 ng	493567	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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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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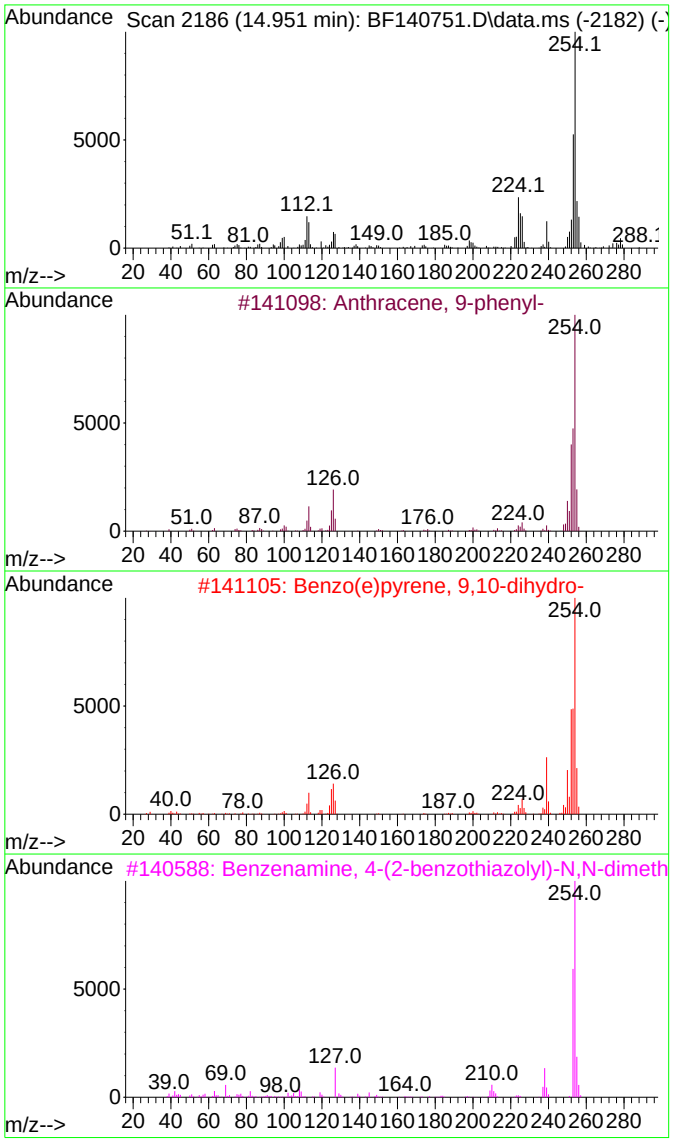
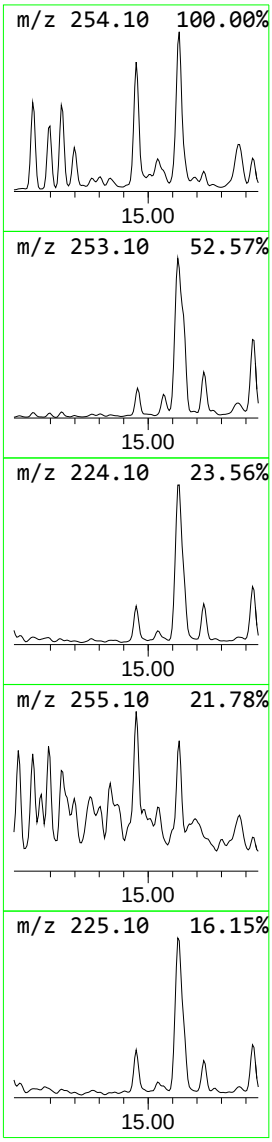
Peak Number 14 Anthracene, 9-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	6.20 ng	116771	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
2	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	64
3	Benzenamine, 4-(2-benzothiazolyl...	254	C15H14N2S	010205-56-8	53
4	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	50
5	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	49





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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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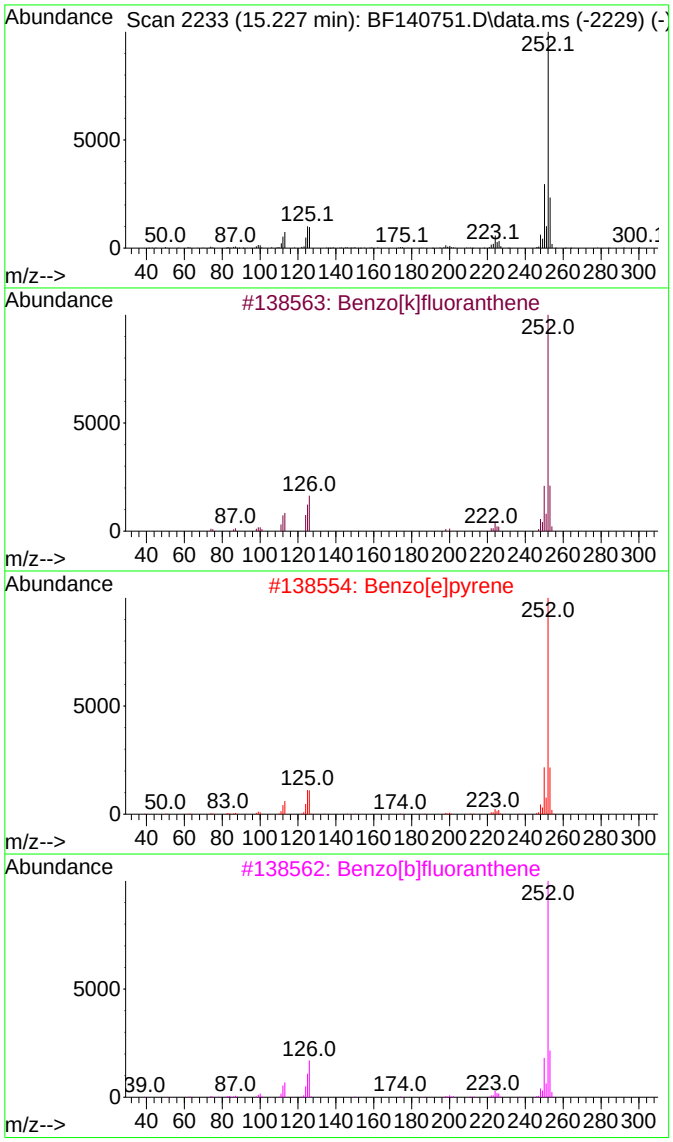
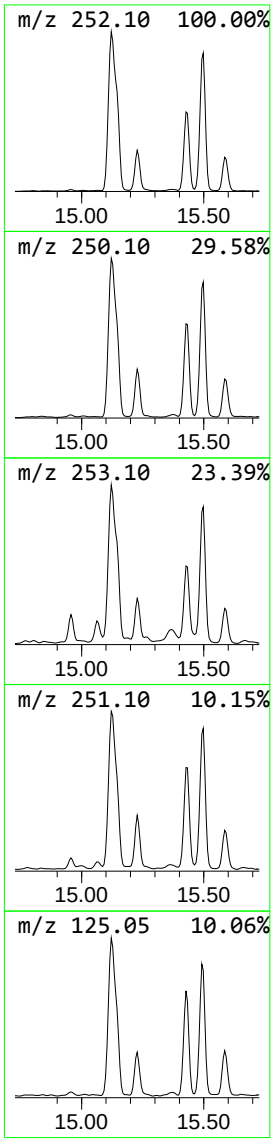
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	12.42 ng	233816	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





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

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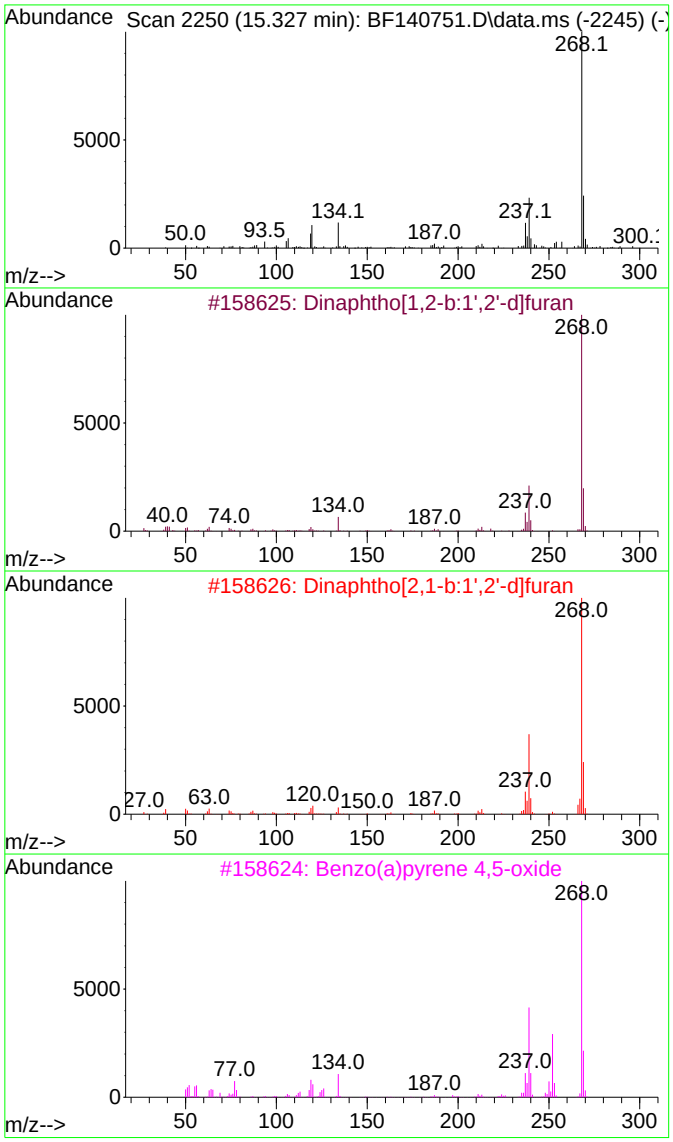
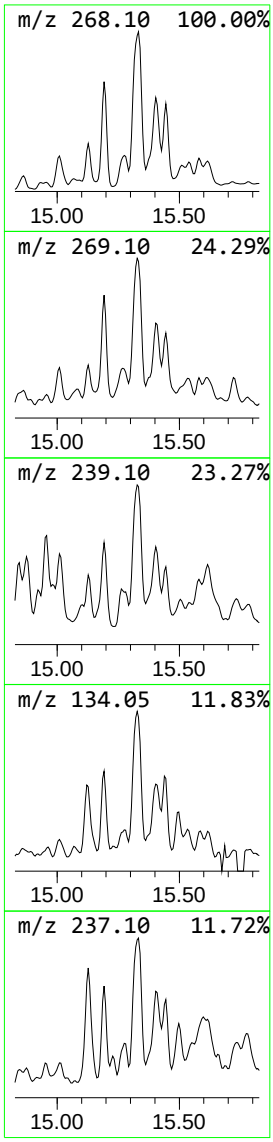
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	5.86 ng	110286	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	90
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	78
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	64





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Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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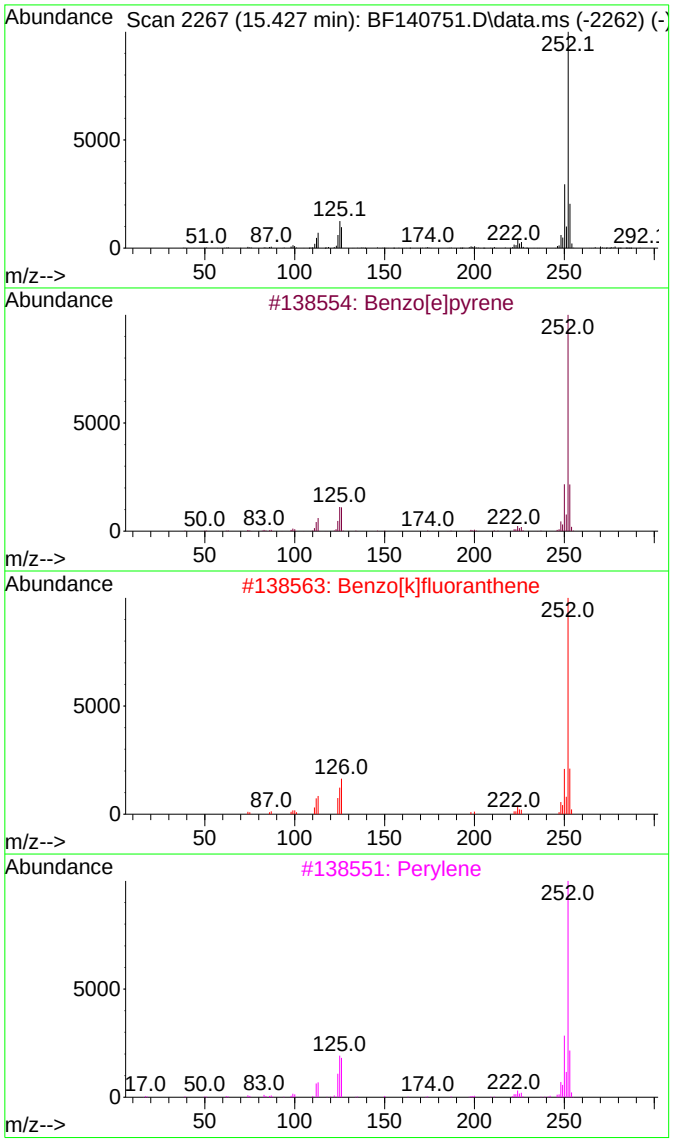
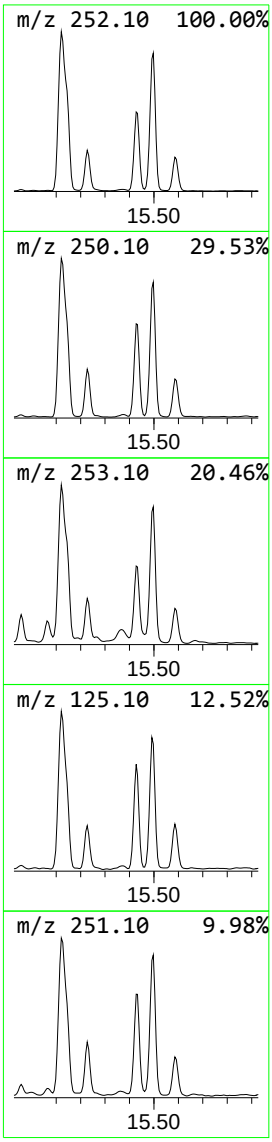
Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	32.43 ng	610661	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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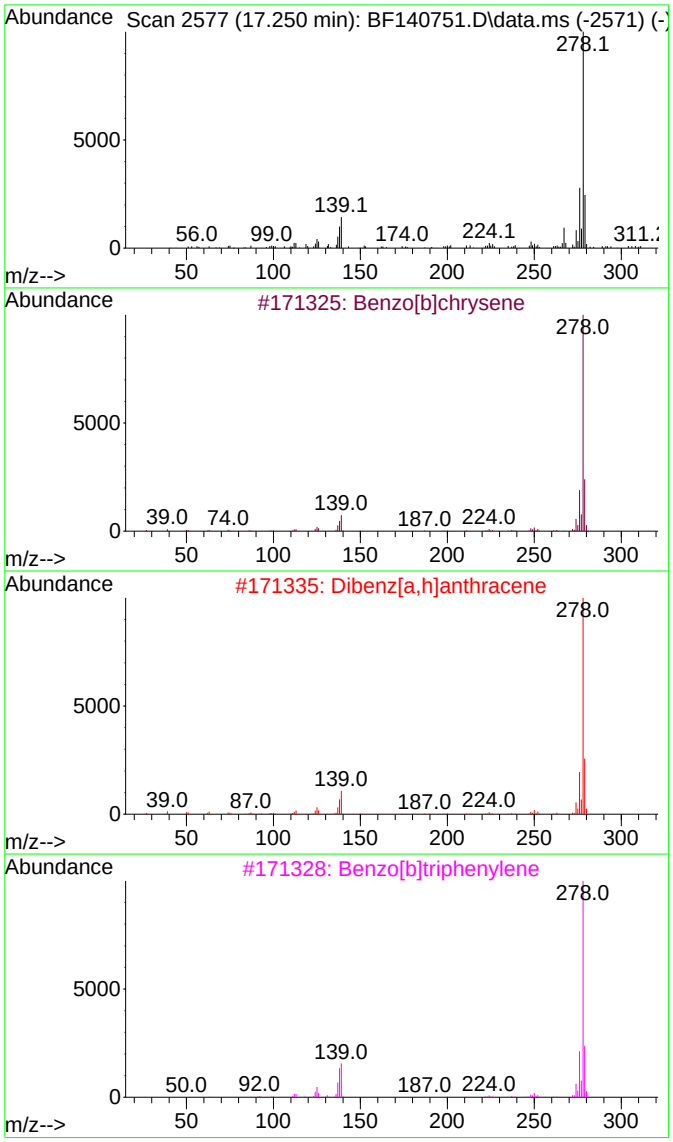
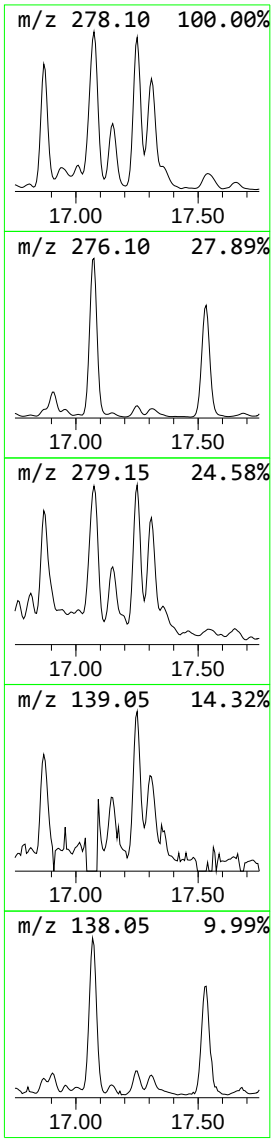
Peak Number 18 Benzo[b]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	7.23 ng	136221	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
4	Picene	278	C22H14	000213-46-7	94
5	Pentacene	278	C22H14	000135-48-8	90





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Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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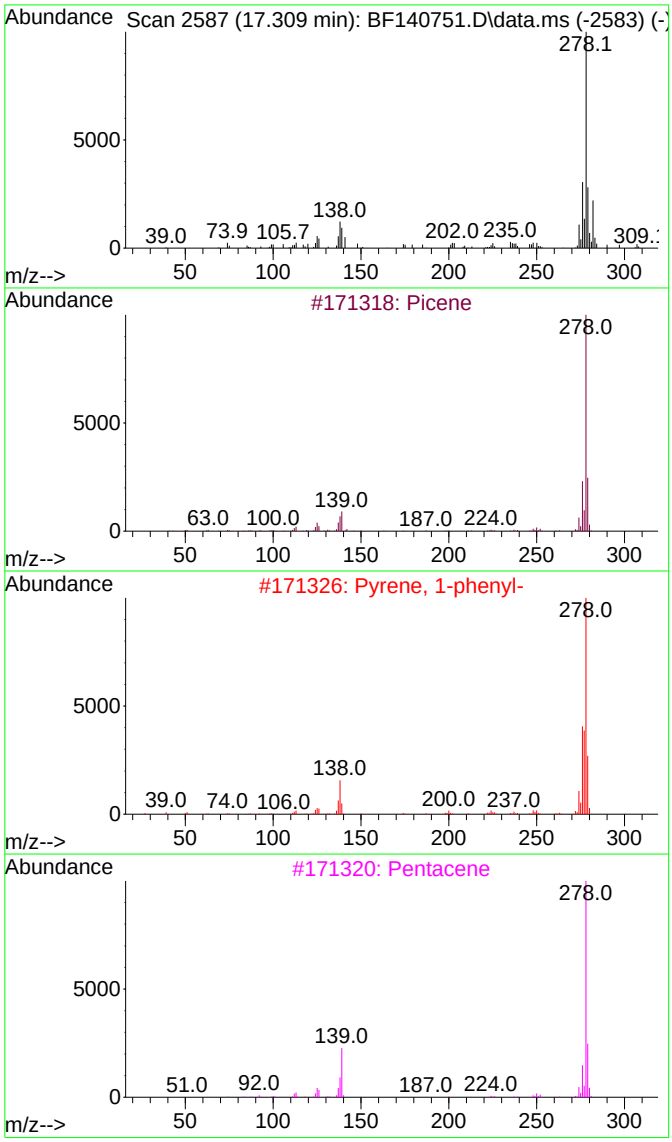
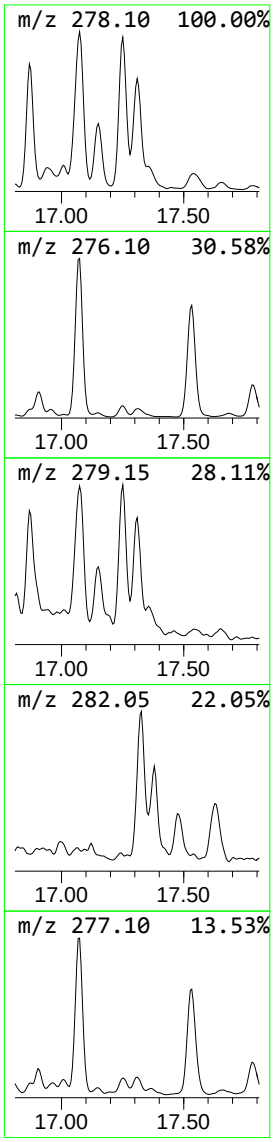
Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.309	4.32 ng	81303	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	86
2	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	83
3	Pentacene	278	C22H14	000135-48-8	83
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
5	Pentaphene	278	C22H14	000222-93-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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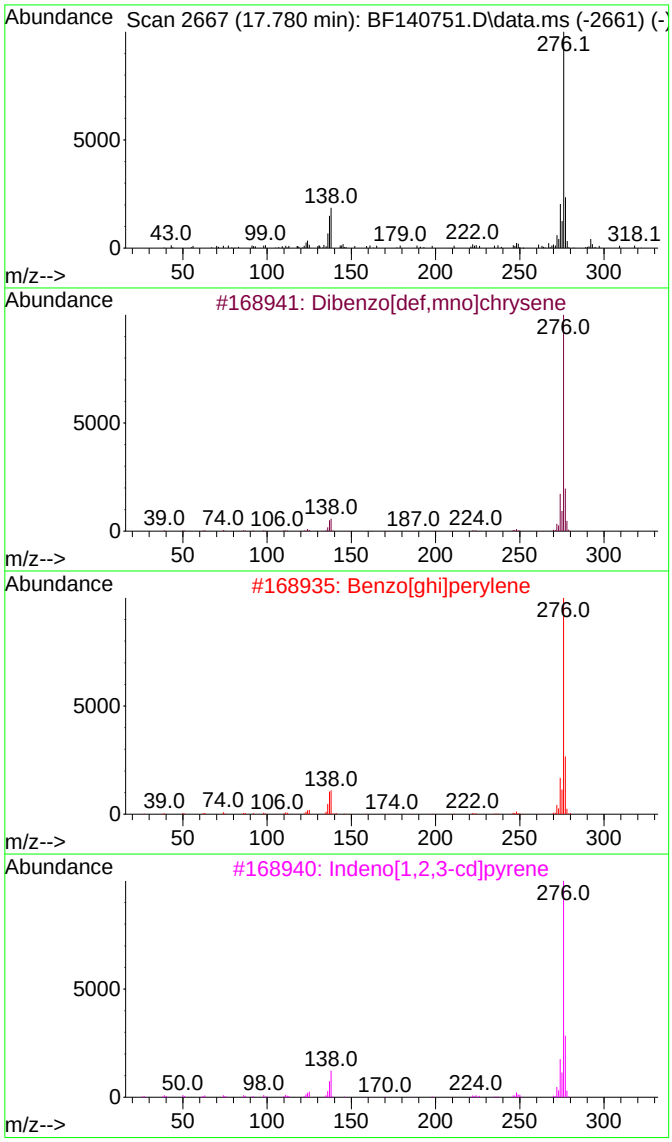
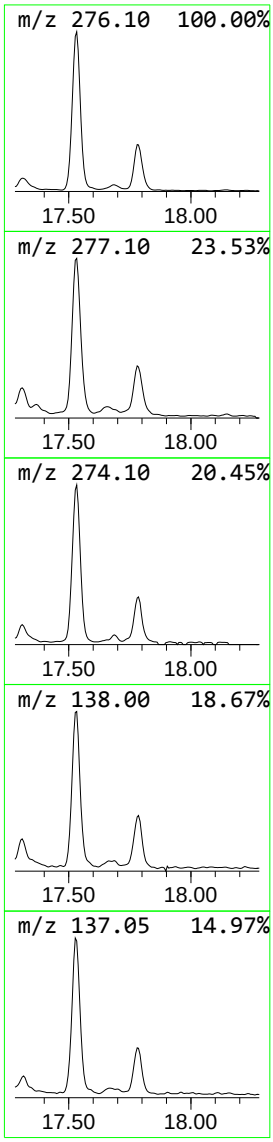
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	7.95 ng	149690	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	52
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140751.D
Acq On : 05 Dec 2024 16:26
Operator : RC/JU
Sample : P5096-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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...	2.146	46.8	ng	917428	1	6.869	392467	20.0
2-Pentanone, 4-...	5.092	9.7	ng	190151	1	6.869	392467	20.0
Benzophenone	10.616	11.3	ng	344736	3	9.904	607857	20.0
Phenanthrene, 2...	11.898	6.0	ng	191450	4	11.398	639611	20.0
Anthracene, 1-m...	11.927	9.2	ng	292503	4	11.398	639611	20.0
Phenanthrene, 1...	11.974	5.2	ng	165176	4	11.398	639611	20.0
4H-Cyclopenta[d...	12.015	17.1	ng	546461	4	11.398	639611	20.0
Naphthalene, 2-...	12.192	4.9	ng	157121	4	11.398	639611	20.0
9,10-Dimethylan...	12.451	6.4	ng	204703	4	11.398	639611	20.0
Pyrene, 4,5,9,1...	12.486	6.0	ng	190508	4	11.398	639611	20.0
Cyclopenta(def)...	12.545	5.9	ng	188271	4	11.398	639611	20.0
Benzene, 1,1'-(...	12.710	4.5	ng	145212	4	11.398	639611	20.0
11H-Benzo[b]flu...	13.174	5.7	ng	493567	5	14.051	1726280	20.0
Anthracene, 9-p...	14.951	6.2	ng	116771	6	15.557	376563	20.0
Benzo[e]pyrene	15.227	12.4	ng	233816	6	15.557	376563	20.0
Dinaphtho[1,2-b...	15.327	5.9	ng	110286	6	15.557	376563	20.0
Perylene	15.427	32.4	ng	610661	6	15.557	376563	20.0
Benzo[b]chrysene	17.250	7.2	ng	136221	6	15.557	376563	20.0
Picene	17.309	4.3	ng	81303	6	15.557	376563	20.0
Dibenzo[def,mno...	17.780	8.0	ng	149690	6	15.557	376563	20.0