LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139300.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	12	21	28	rVB	1425086	2216999	71.07%	4.551%
2	5.116	504	514	523	rVB	131419	213212	6.83%	0.438%
3	5.510	574	581	586	rBV	2026438	2796832	89.65%	5.742%
4	6.510	744	751	757	rBV	2006248	2909272	93.26%	5.973%
5	6.886	810	815	820	rVB	624290	748530	23.99%	1.537%
6	7.451	904	911	916	rBV	1368981	1869696	59.93%	3.838%
7	7.698	949	953	962	rVB	56651	69989	2.24%	0.144%
8	8.169	1027	1033	1041	rBV	760846	959399	30.75%	1.970%
9	9.245	1210	1216	1221	rBV	2499472	3119575	100.00%	6.404%
10	9.322	1225	1229	1238	rVV3	20881	34859	1.12%	0.072%
11	9.645	1279	1284	1290	rVB3	22628	37017	1.19%	0.076%
12	9.786	1303	1308	1313	rBV	110316	143083	4.59%	0.294%
13	9.927	1324	1332	1336	rBV	750244	985011	31.58%	2.022%
14	10.239	1380	1385	1388	rBV2	22067	33639	1.08%	0.069%
15	10.469	1420	1424	1430	rVB2	37702	56129	1.80%	0.115%
16	10.639	1447	1453	1459	rVB	232852	306215	9.82%	0.629%
17	10.710	1460	1465	1471	rBV	1223846	1598725	51.25%	3.282%
18	10.833	1481	1486	1493	rVB2	53682	82007	2.63%	0.168%
19	11.016	1512	1517	1520	rBV3	32821	52633	1.69%	0.108%
20	11.145	1535	1539	1541	rBV2	24463	35915	1.15%	0.074%
21	11.216	1547	1551	1555	rVB2	28003	37647	1.21%	0.077%
22	11.263	1555	1559	1564	rVV3	24780	57606	1.85%	0.118%
23	11.310	1564	1567	1572	rVB	37208	50628	1.62%	0.104%
24	11.410	1579	1584	1586	rBV	639820	827790	26.54%	1.699%
25	11.433	1586	1588	1593	rVV	644611	760154	24.37%	1.561%
26	11.486	1593	1597	1600	rVV	174506	217277	6.96%	0.446%
27	11.516	1600	1602	1606	rVB2	32538	39707	1.27%	0.082%
28	11.639	1619	1623	1631	rBV2	35031	81557	2.61%	0.167%
29	11.710	1631	1635	1638	rVV2	53251	80211	2.57%	0.165%
30	11.739	1638	1640	1645	rVB2	38235	46393	1.49%	0.095%
31	11.916	1665	1670	1671	rBV	166253	209571	6.72%	0.430%
32	11.939	1671	1674	1679	rVV	376630	484317	15.53%	0.994%
33	11.986	1679	1682	1685	rVV	67137	93848	3.01%	0.193%
34	12.027	1685	1689	1697	rVB	336395	618971	19.84%	1.271%
35	12.110	1697	1703	1706	rBV4	33187	68222	2.19%	0.140%
36	12.210	1716	1720	1722	rBV	109630	146317	4.69%	0.300%

LSC Area Percent Report

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Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.357	1739	1745	1748	rBV2	59263	99014	3.17%	0.203%
38	12.386	1748	1750	1753	rVV	40695	45536	1.46%	0.093%
39	12.463	1758	1763	1766	rBV	179177	245184	7.86%	0.503%
40	12.498	1766	1769	1774	rVV2	113749	199073	6.38%	0.409%
41	12.551	1774	1778	1786	rVB3	141466	211098	6.77%	0.433%
42	12.627	1786	1791	1796	rBV	2187225	2901428	93.01%	5.957%
43	12.680	1796	1800	1804	rBV4	45721	91291	2.93%	0.187%
44	12.721	1804	1807	1810	rVV	54054	60537	1.94%	0.124%
45	12.780	1810	1817	1823	rVB3	59852	139331	4.47%	0.286%
46	12.857	1823	1830	1835	rBV	1976334	3116111	99.89%	6.397%
47	12.904	1835	1838	1843	rVB2	101138	145797	4.67%	0.299%
48	12.998	1845	1854	1861	rVB	1589931	2233942	71.61%	4.586%
49	13.074	1861	1867	1874	rBV5	210260	433124	13.88%	0.889%
50	13.180	1877	1885	1889	rVB	333293	637616	20.44%	1.309%
51	13.251	1889	1897	1899	rBV	226093	325141	10.42%	0.668%
52	13.286	1899	1903	1910	rVB2	256122	374665	12.01%	0.769%
53	13.345	1910	1913	1915	rBV2	31846	33945	1.09%	0.070%
54	13.380	1915	1919	1921	rVV	117434	140270	4.50%	0.288%
55	13.410	1921	1924	1928	rVB	122169	144895	4.64%	0.297%
56	13.580	1946	1953	1960	rBV6	82284	252245	8.09%	0.518%
57	13.686	1964	1971	1977	rVB2	183978	323358	10.37%	0.664%
58	13.798	1985	1990	1993	rBV3	233955	386950	12.40%	0.794%
59	13.833	1993	1996	1997	rVV	88264	92106	2.95%	0.189%
60	13.898	2003	2007	2013	rVB2	220633	315458	10.11%	0.648%
61	14.045	2025	2032	2036	rBV2	1440685	2623950	84.11%	5.387%
62	14.080	2036	2038	2045	rVB	1158338	1472967	47.22%	3.024%
63	14.157	2048	2051	2054	rVV	153391	179332	5.75%	0.368%
64	14.192	2054	2057	2062	rVV2	78503	106533	3.41%	0.219%
65	14.268	2067	2070	2074	rVB2	84455	127378	4.08%	0.262%
66	14.404	2090	2093	2094	rBV	59218	61419	1.97%	0.126%
67	14.439	2095	2099	2102	rVV	211649	273283	8.76%	0.561%
68	14.474	2102	2105	2108	rVB2	144004	170193	5.46%	0.349%
69	14.527	2111	2114	2117	rBV2	90088	115539	3.70%	0.237%
70	14.562	2117	2120	2122	rBV3	96732	111307	3.57%	0.229%
71	14.751	2148	2152	2154	rBV3	44782	75422	2.42%	0.155%
72	14.827	2162	2165	2169	rBV4	52087	80020	2.57%	0.164%
73	14.933	2177	2183	2191	rVB3	74985	178725	5.73%	0.367%
74	15.004	2192	2195	2199	rBV3	47189	62326	2.00%	0.128%
75	15.104	2206	2212	2221	rBV	1110322	2691617	86.28%	5.526%
76	15.209	2226	2230	2235	rVB	198773	271452	8.70%	0.557%

LSC Area Percent Report

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Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.309	2242	2247	2252	rBV3	50642	132389	4.24%	0.272%
78	15.409	2258	2264	2269	rVB	588572	922011	29.56%	1.893%
79	15.474	2269	2275	2280	rVV	832692	1274644	40.86%	2.617%
80	15.533	2280	2285	2288	rVV	285529	478528	15.34%	0.982%
81	15.562	2288	2290	2298	rVB2	256063	370078	11.86%	0.760%
82	17.015	2530	2537	2545	rVB2	375148	816509	26.17%	1.676%
83	17.192	2562	2567	2572	rBV	52851	104430	3.35%	0.214%
84	17.251	2573	2577	2582	rBV	49002	102519	3.29%	0.210%
85	17.462	2605	2613	2629	rVB	277273	669342	21.46%	1.374%
86	17.698	2647	2653	2667	rVB2	75921	201047	6.44%	0.413%

Sum of corrected areas: 48710028

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
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Instrument :
BNA_F
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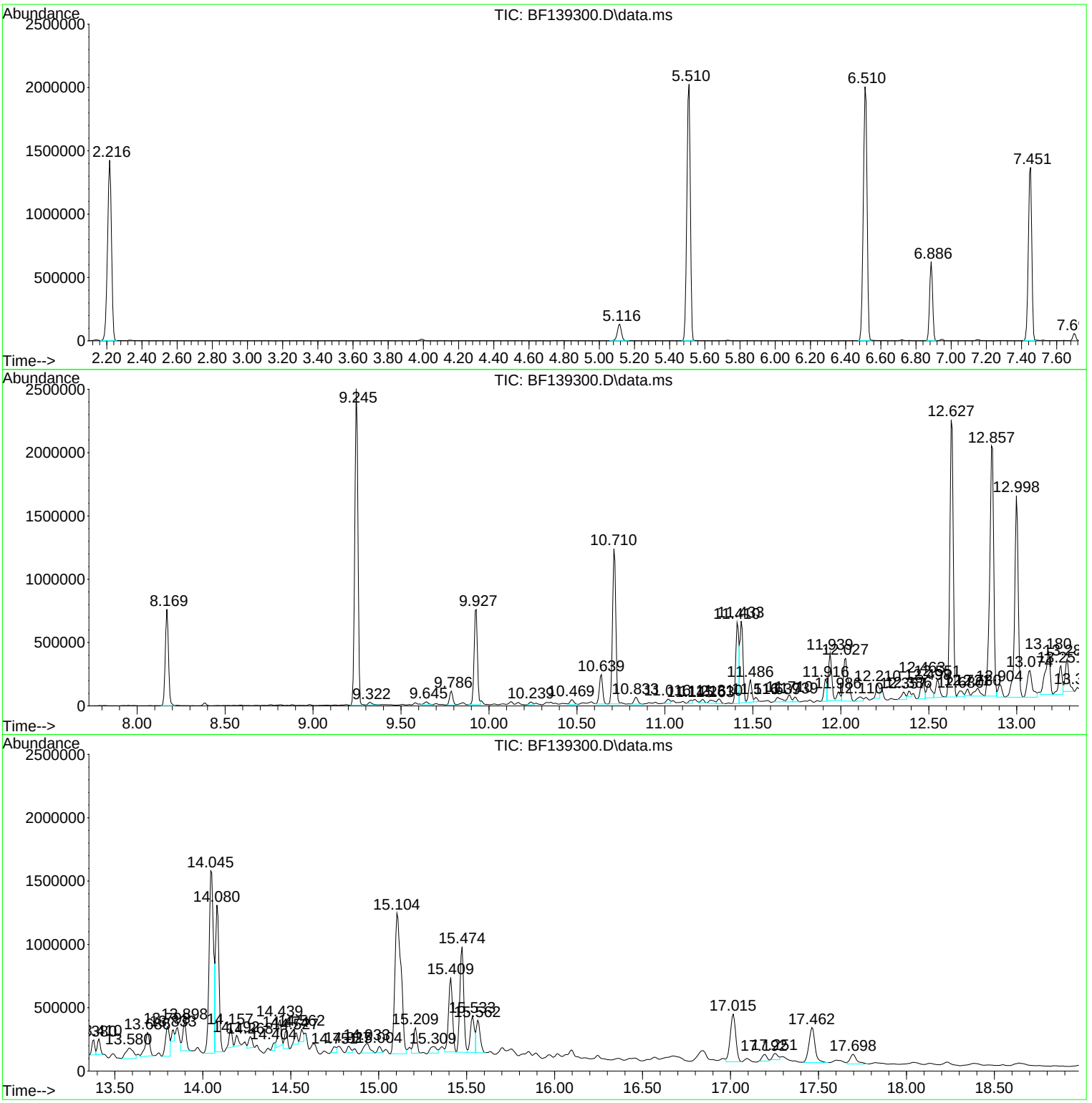
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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\BF091024\
Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
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Instrument :
BNA_F
ClientSampleId :
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

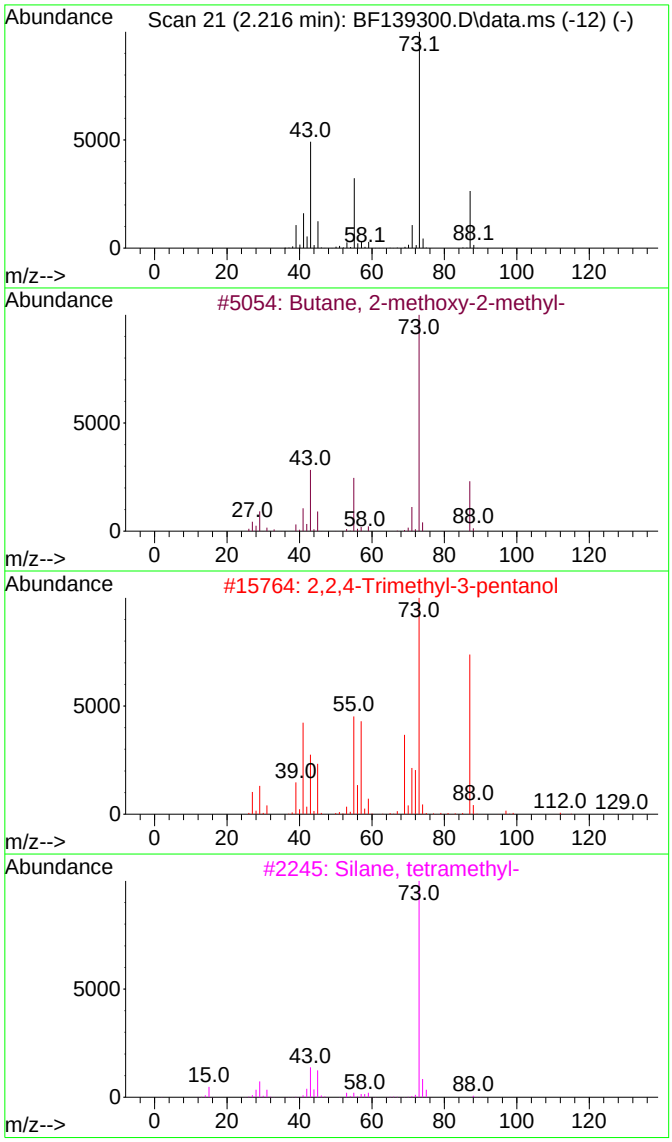
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

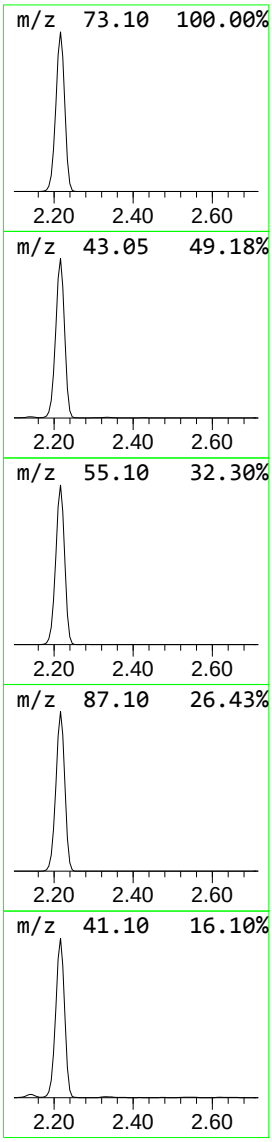
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	59.24 ng	2217000	1,4-Dichlorobenzene-d4	6.886

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
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Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

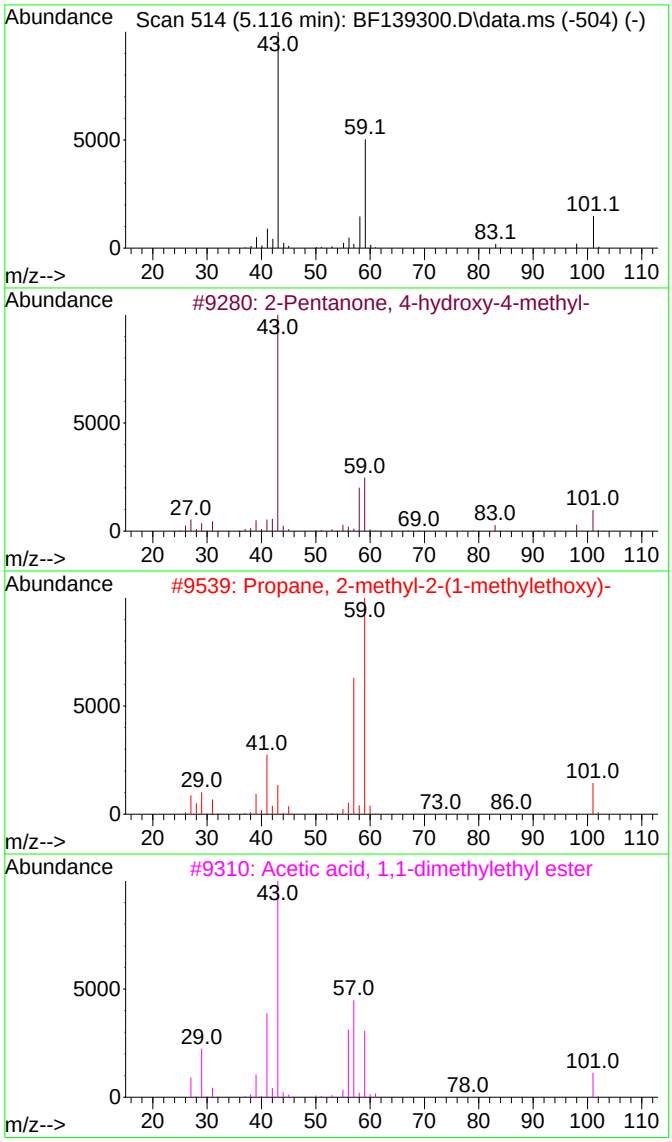
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

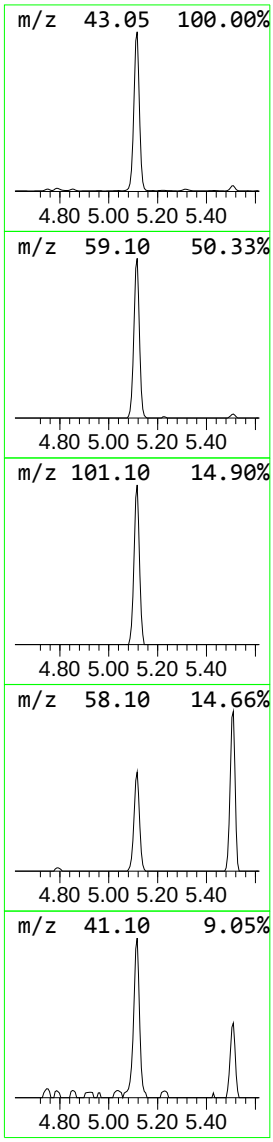
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	5.70 ng	213212	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

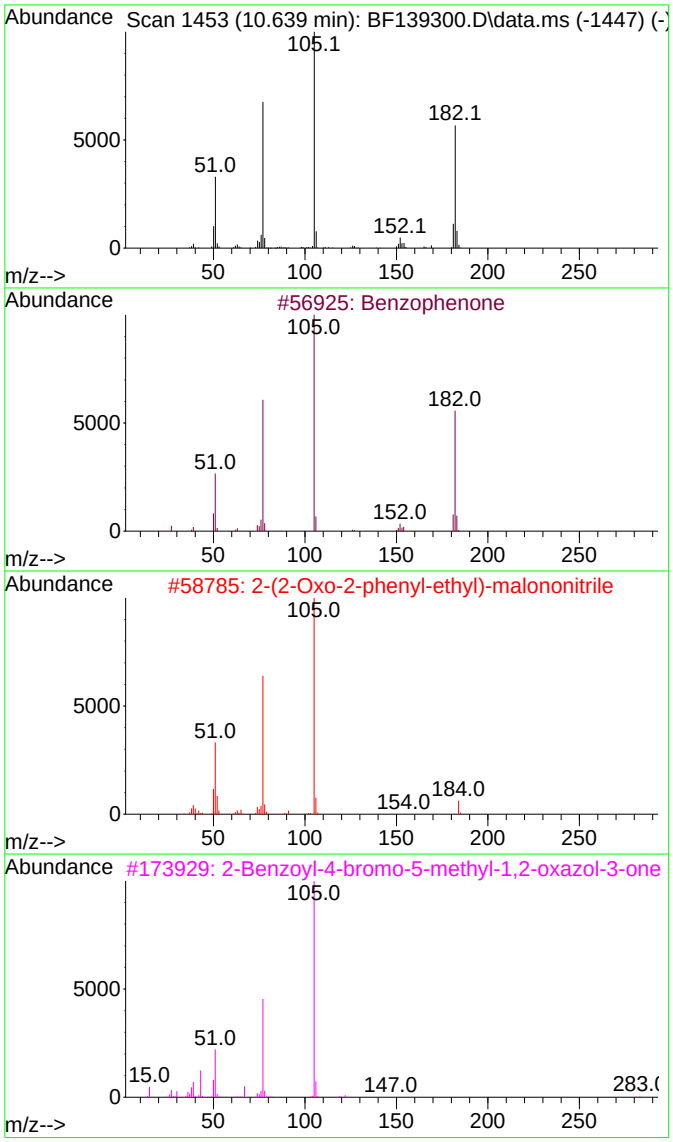
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

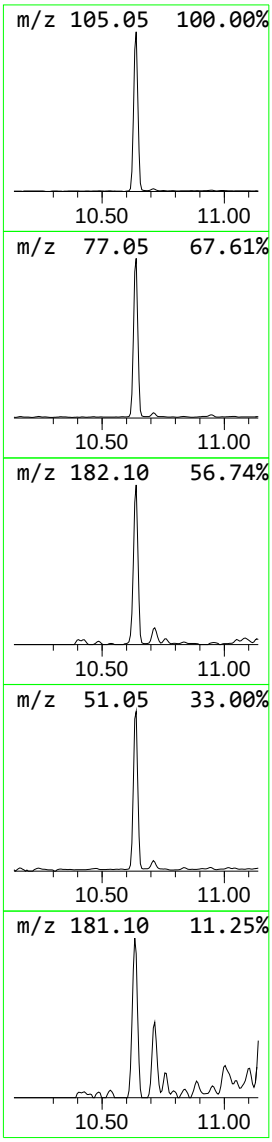
****

Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	6.22 ng	306215	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





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Sample : P3905-03
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

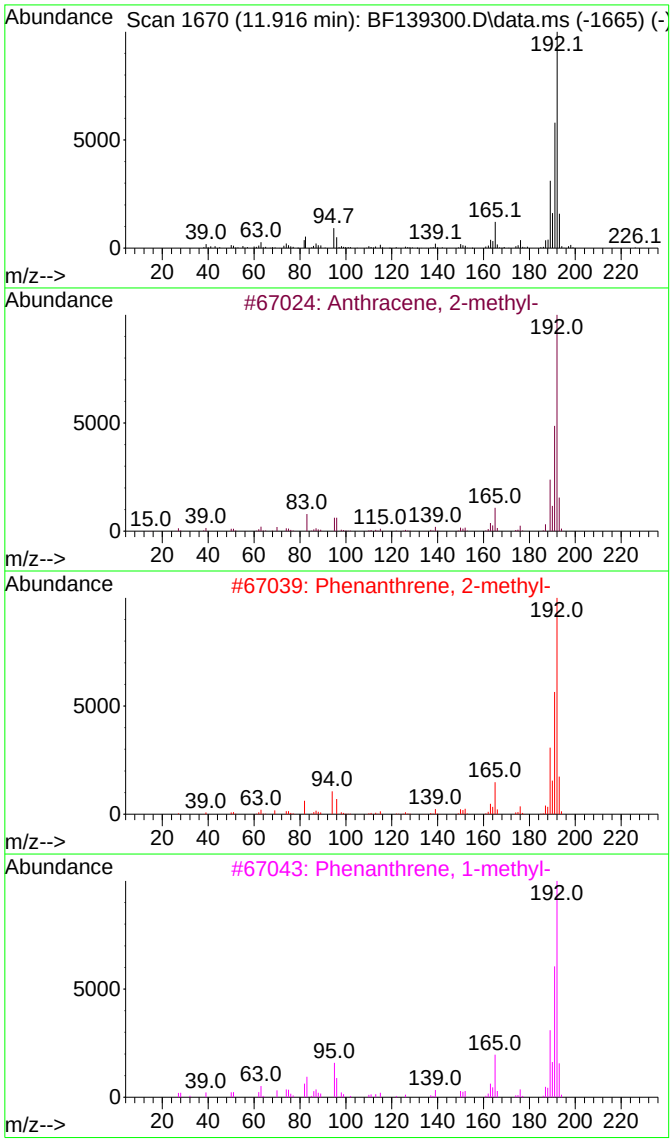
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

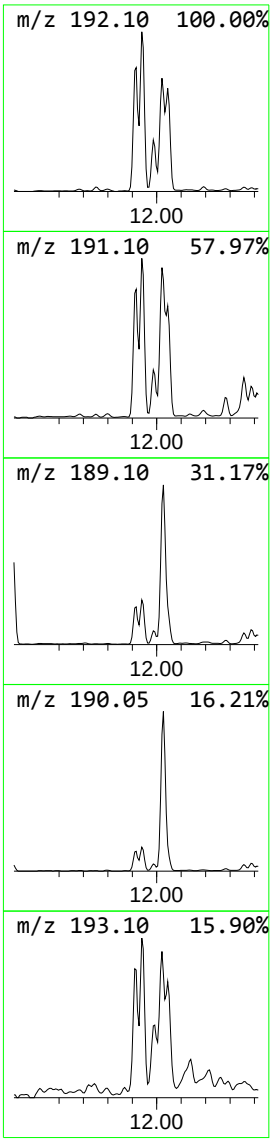
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.06 ng	209571	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

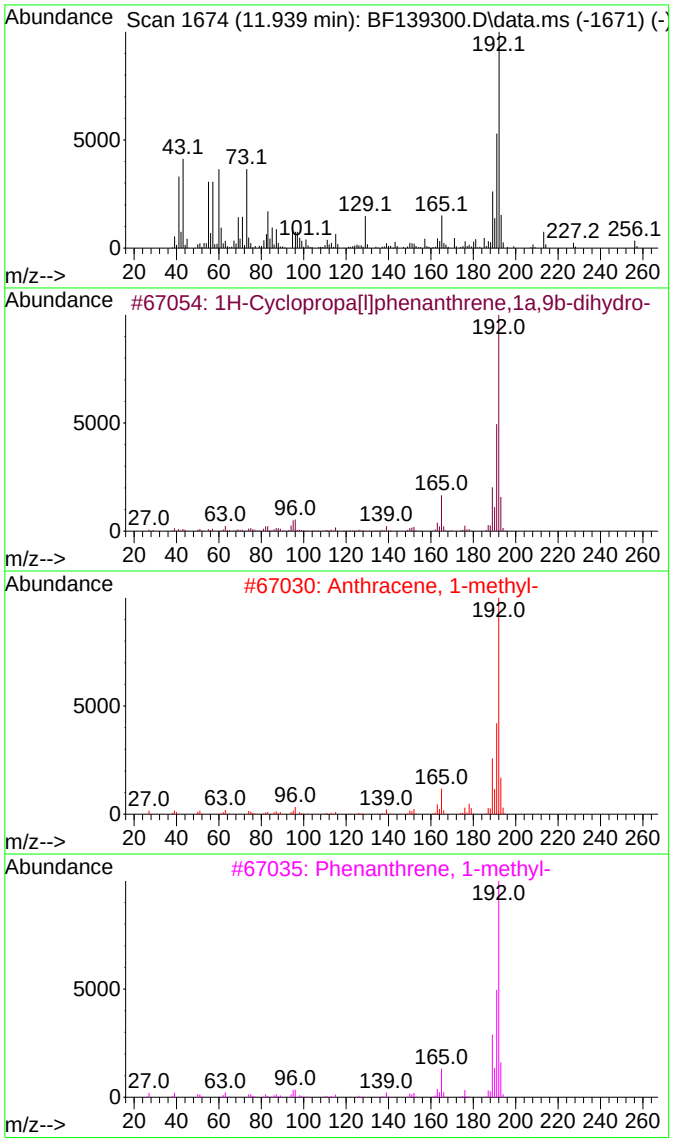
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

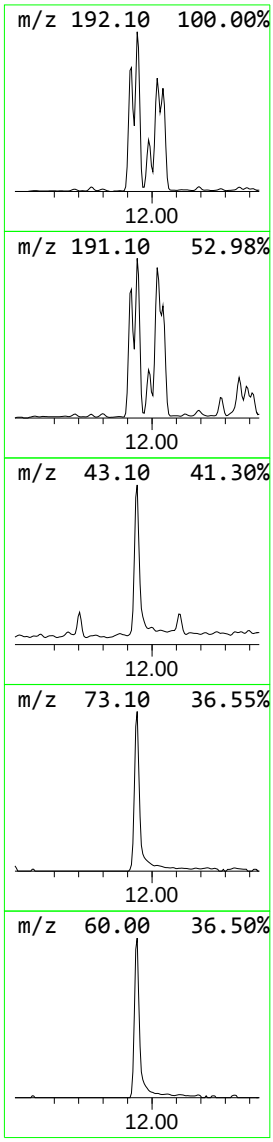
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	11.70 ng	484317	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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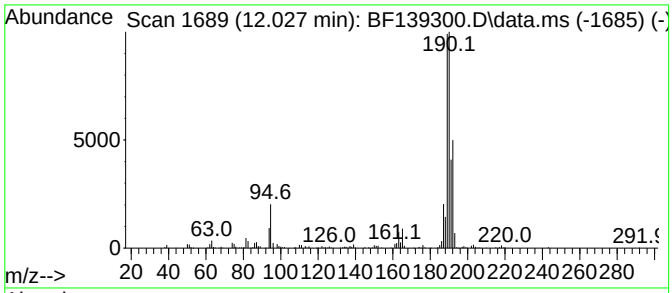
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

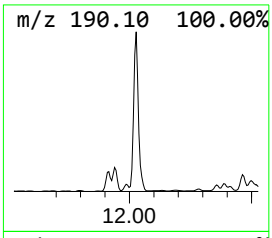
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

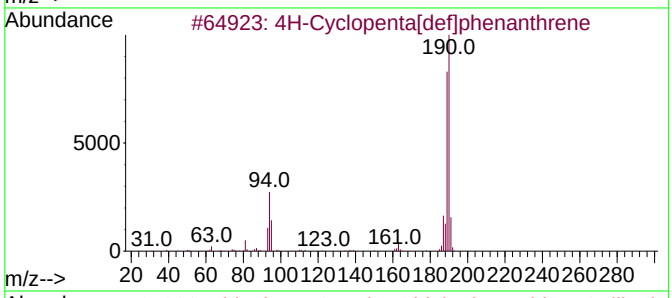
****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

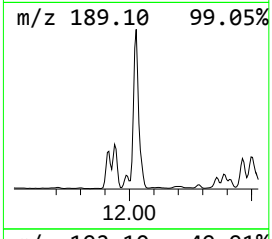
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	14.95 ng	618971	Phenanthrene-d10	11.410

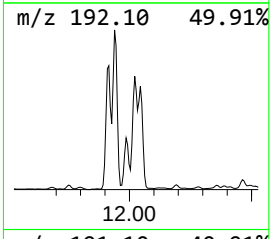
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43

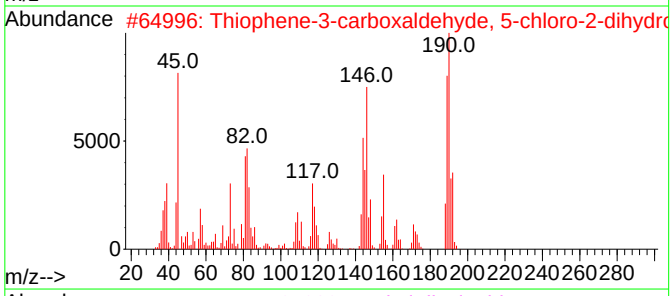


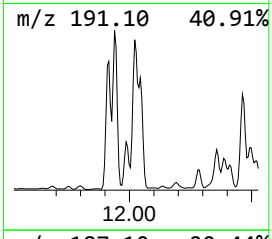


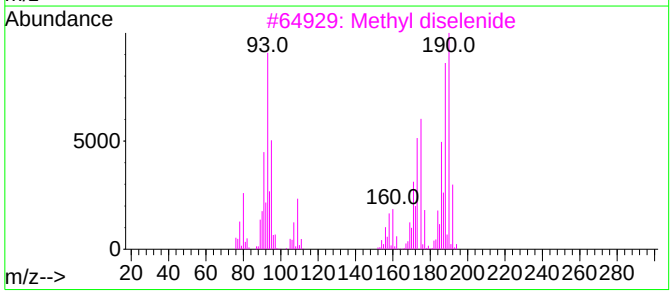


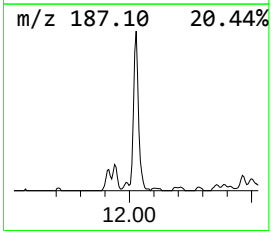












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Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

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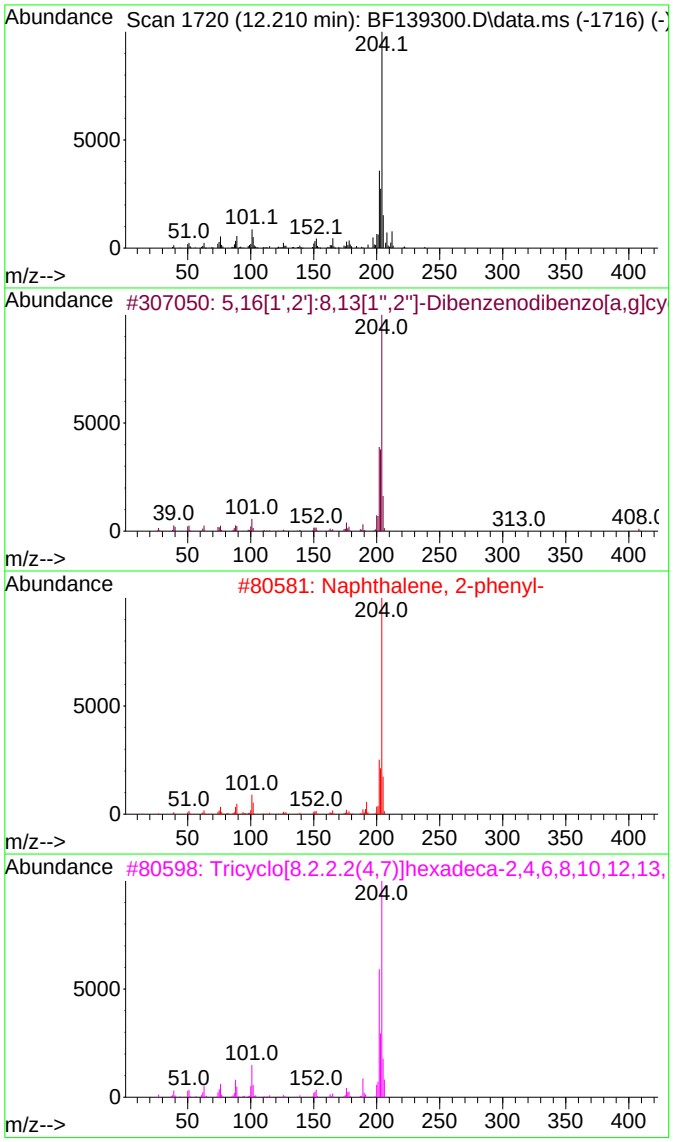
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

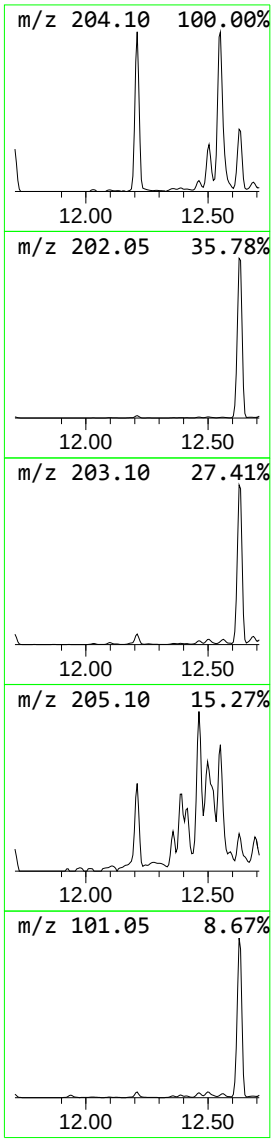
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.54 ng	146317	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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ALS Vial : 9 Sample Multiplier: 1

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

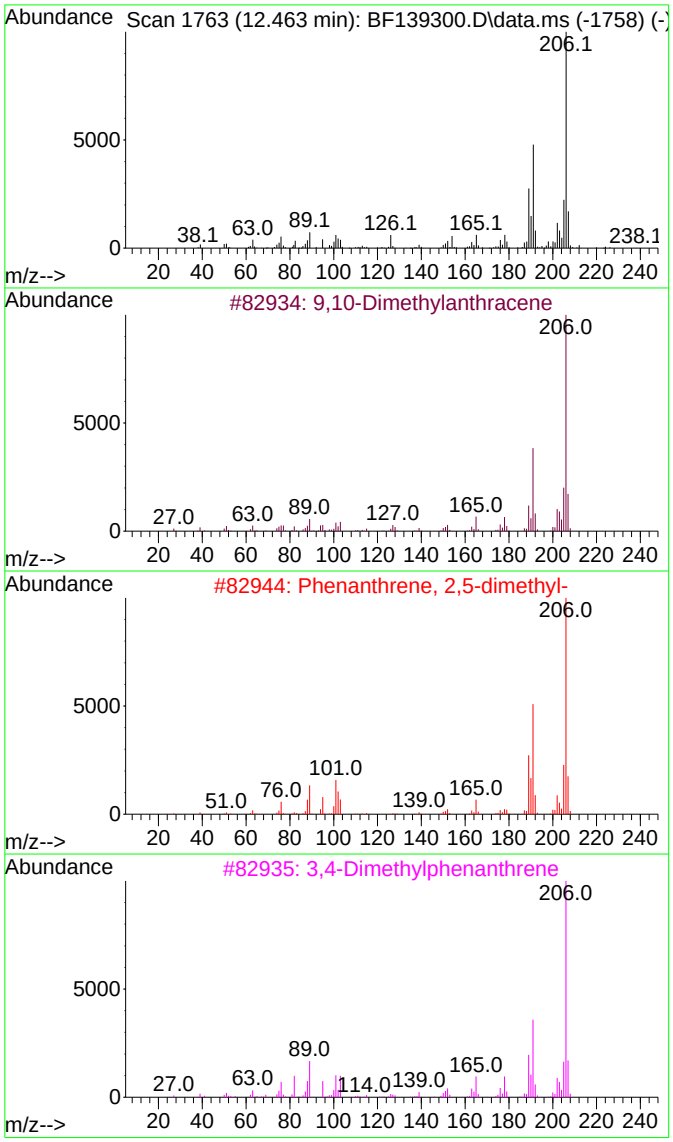
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

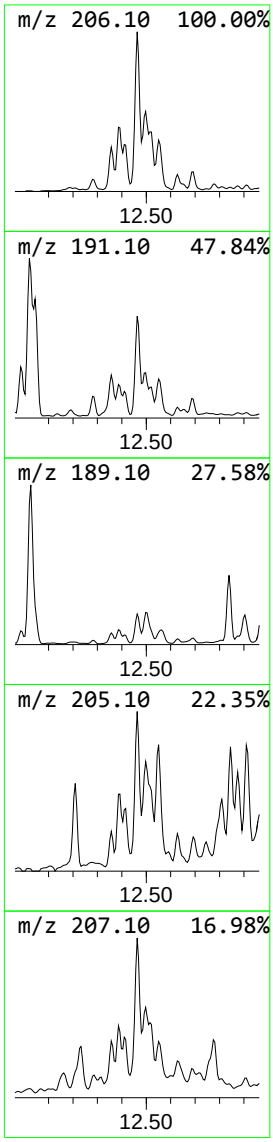
****

Peak Number 8 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	5.92 ng	245184	Phenanthrene-d10	11.410

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	96
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-3B

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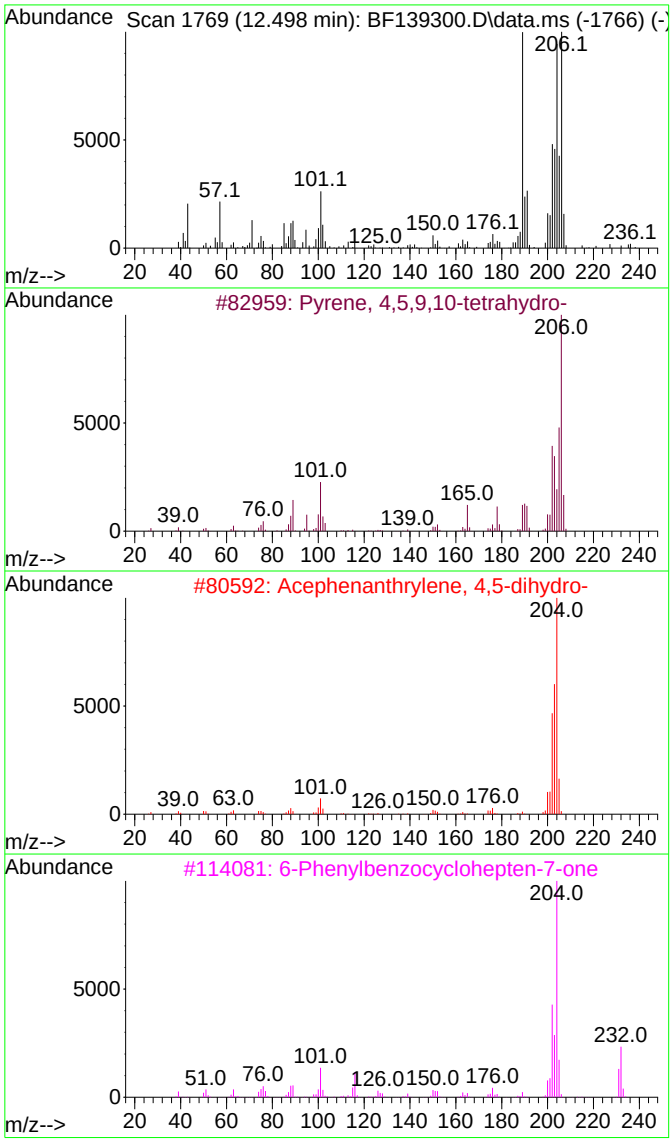
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

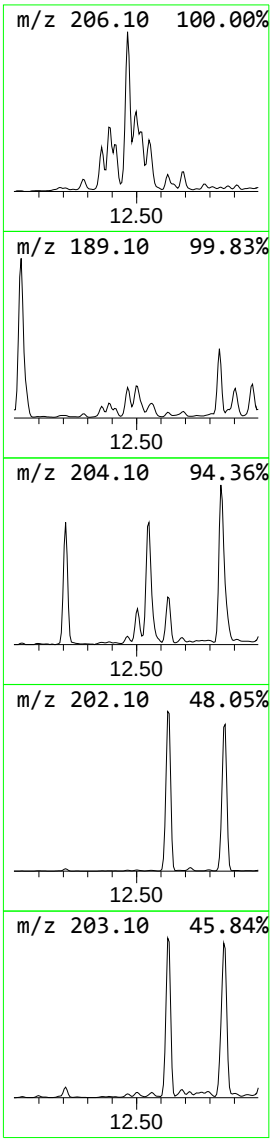
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	4.81 ng	199073	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	52
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	35





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ALS Vial : 9 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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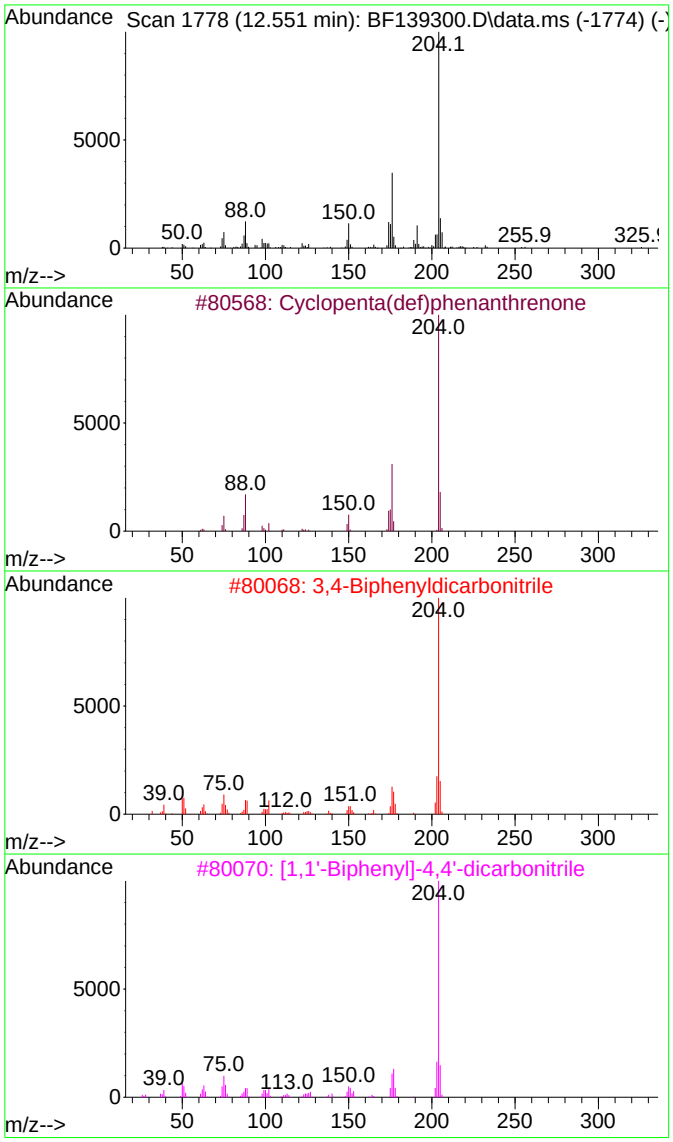
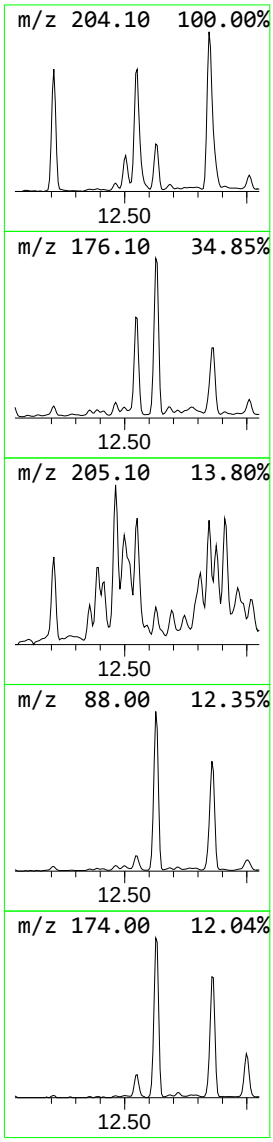
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	5.10 ng	211098	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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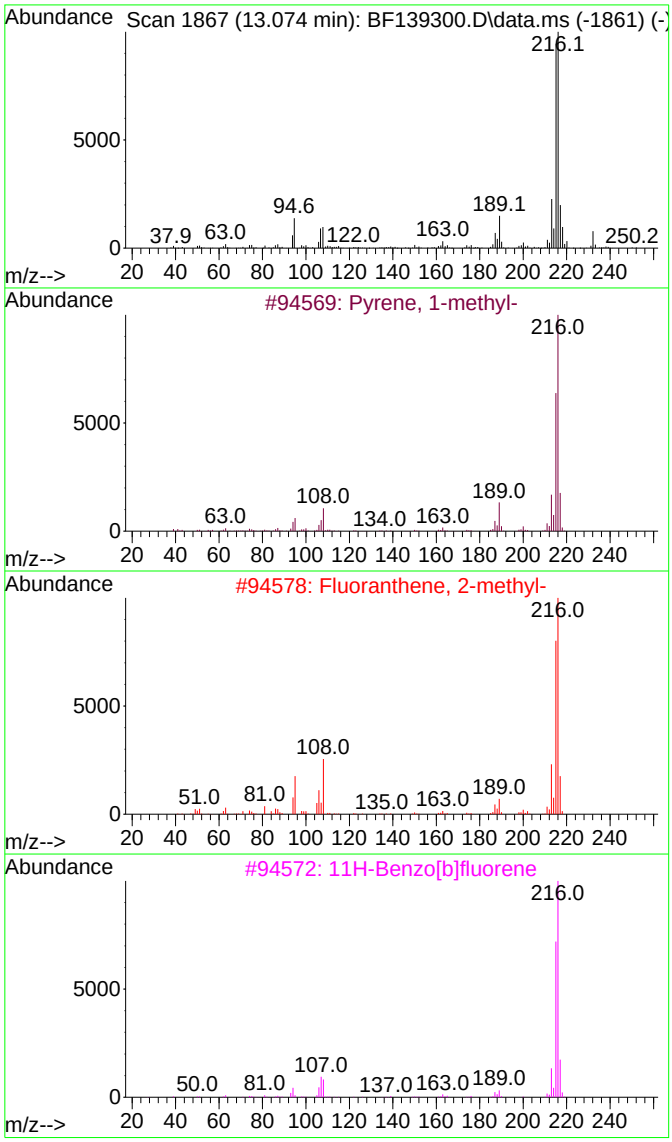
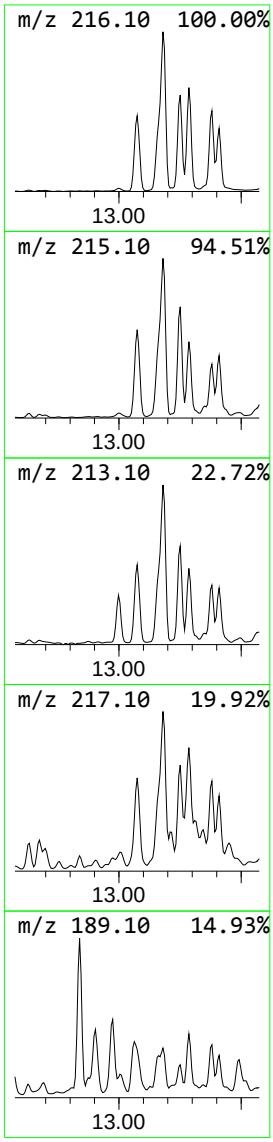
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.30 ng	433124	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Misc :
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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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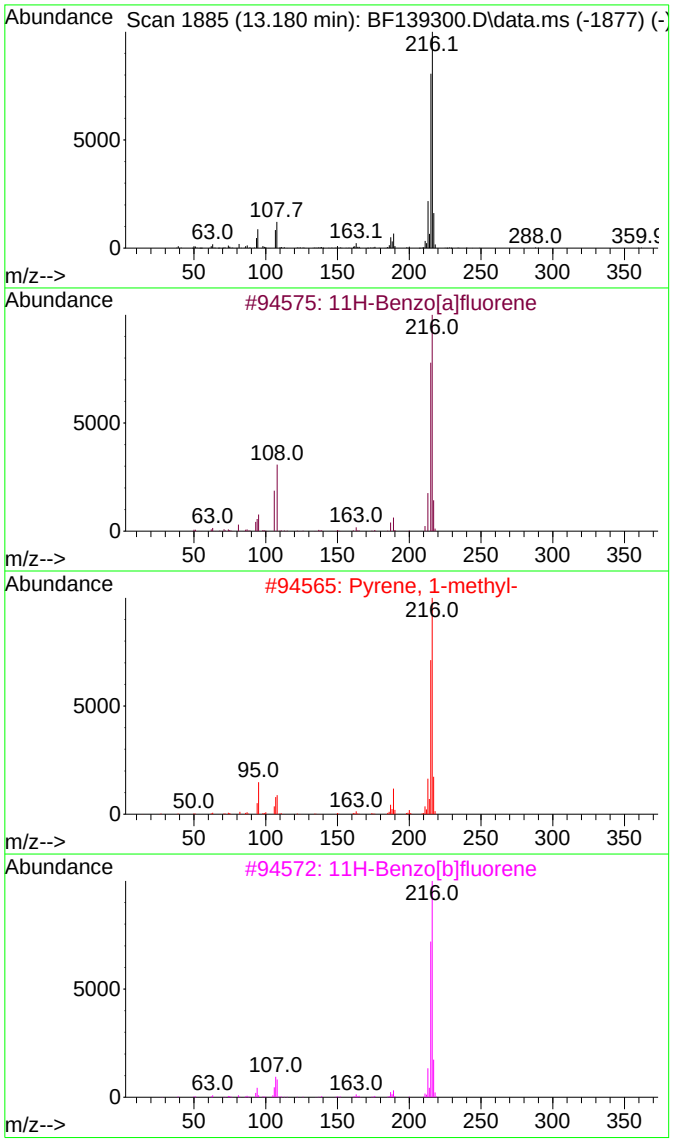
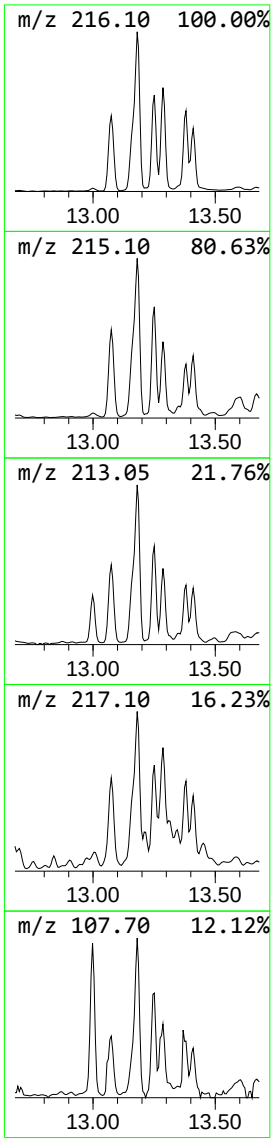
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	4.86 ng	637616	Chrysene-d12	14.057

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





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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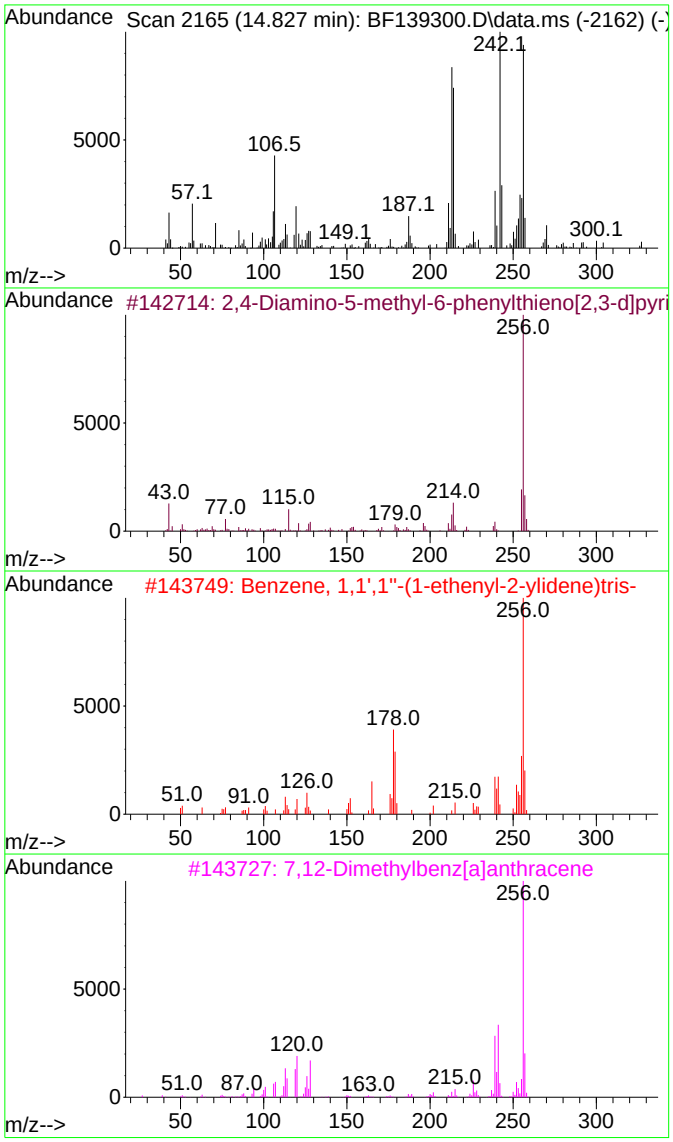
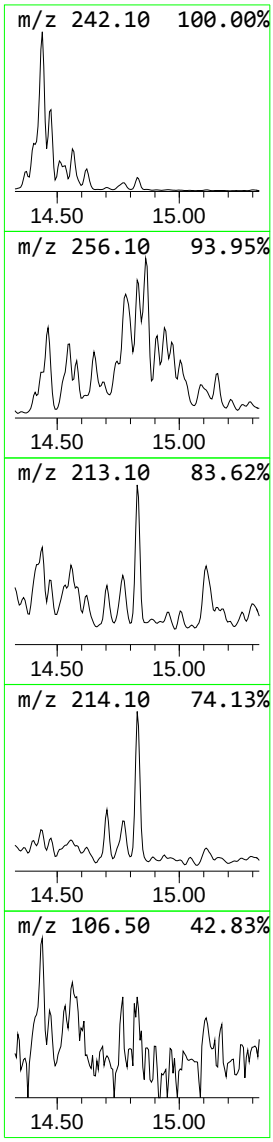
Peak Number 13 unknown14.827 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	3.34 ng	80020	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-5-methyl-6-phenylthi...	256	C13H12N4S	042160-11-2	45
2	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	25
3	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	15
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	15
5	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	15





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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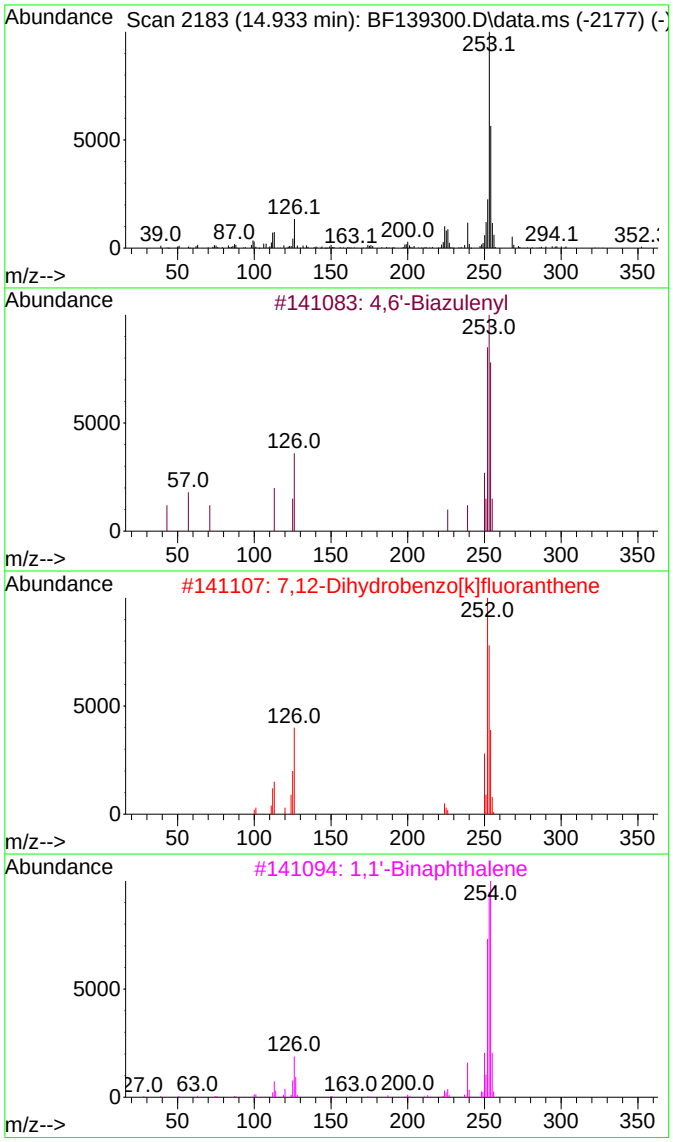
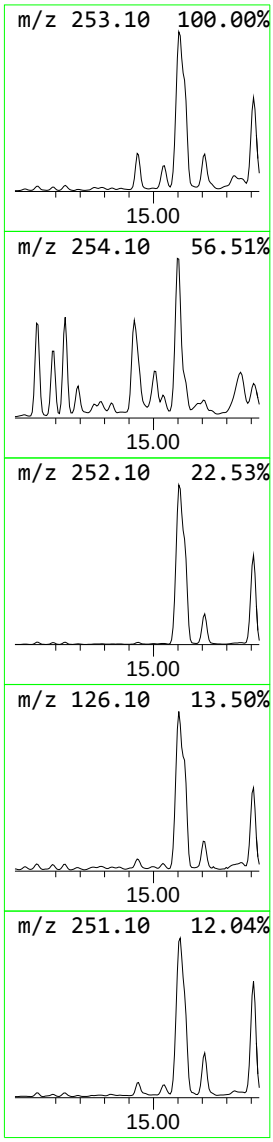
Peak Number 14 4,6'-Biazulenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	7.47 ng	178725	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6'-Biazulenyl	254	C20H14	094154-49-1	74
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	60
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	60
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	59





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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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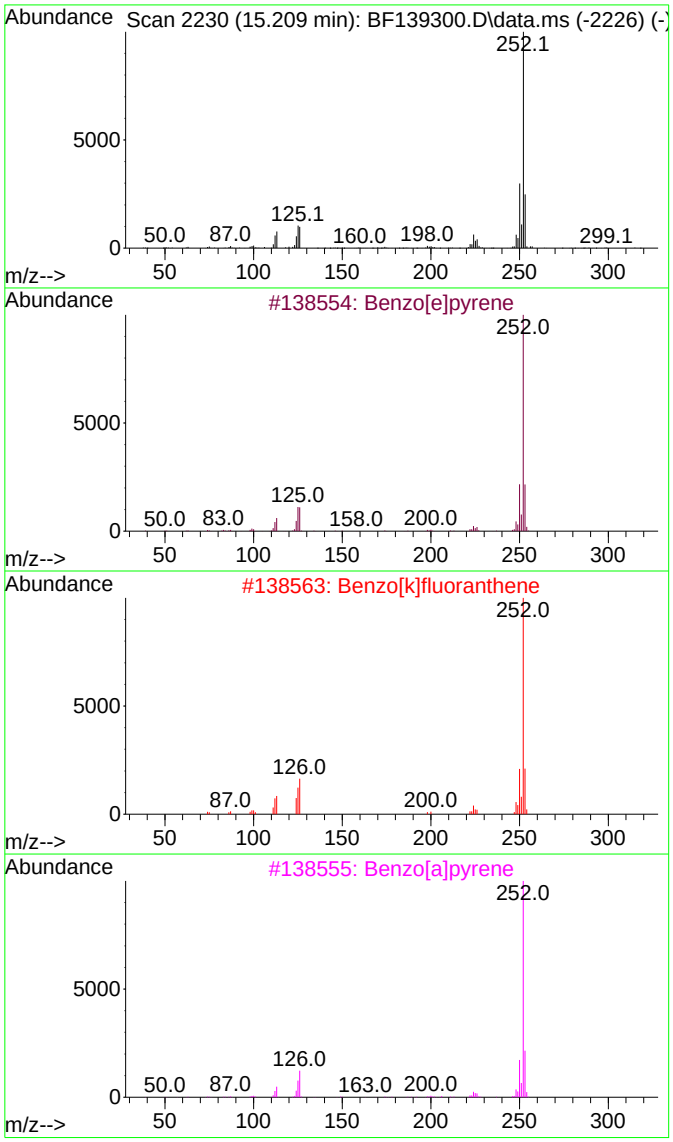
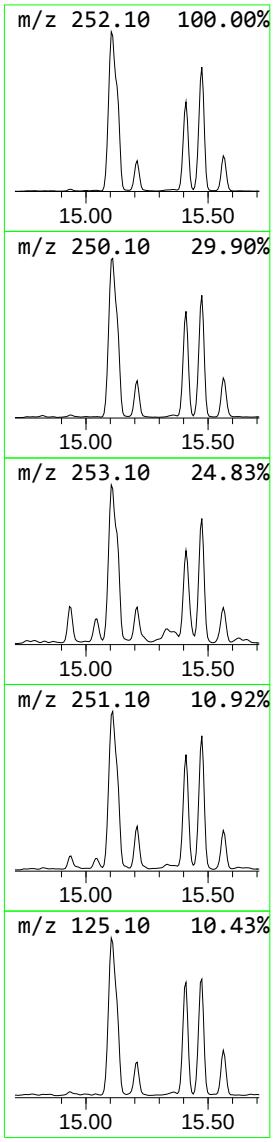
Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	11.35 ng	271452	Perylene-d12	15.533

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





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TIC Integration Parameters: LSCINT.P

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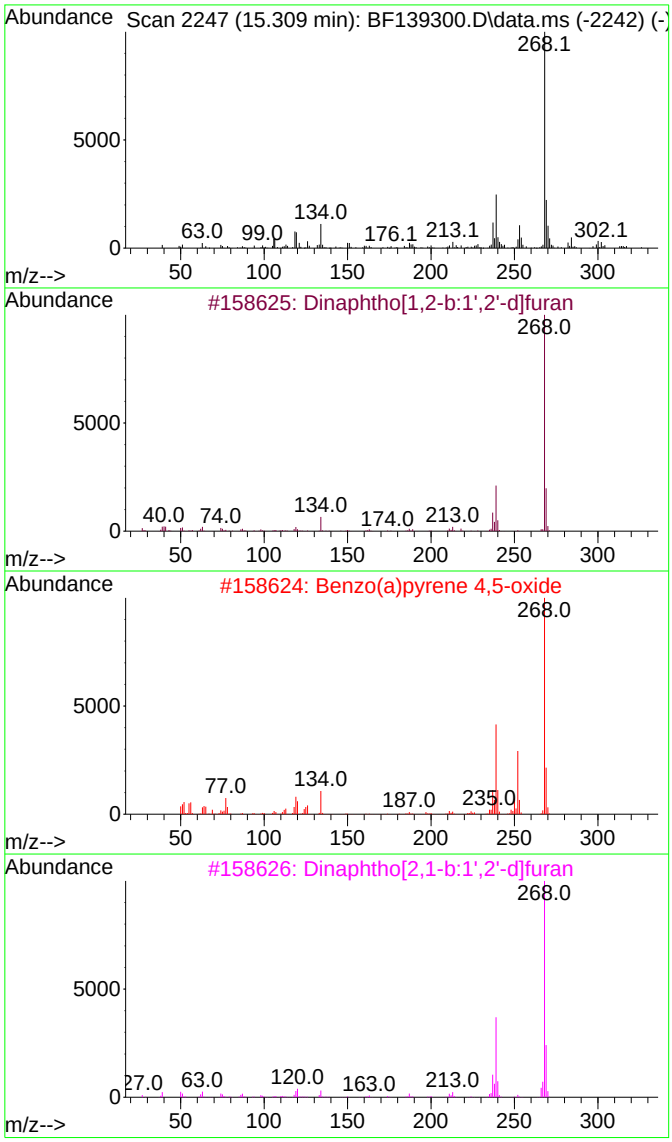
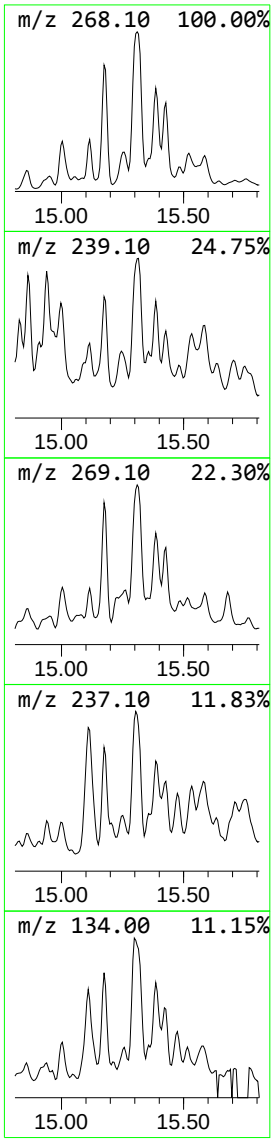
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	5.53 ng	132389	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	59
5	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	58





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Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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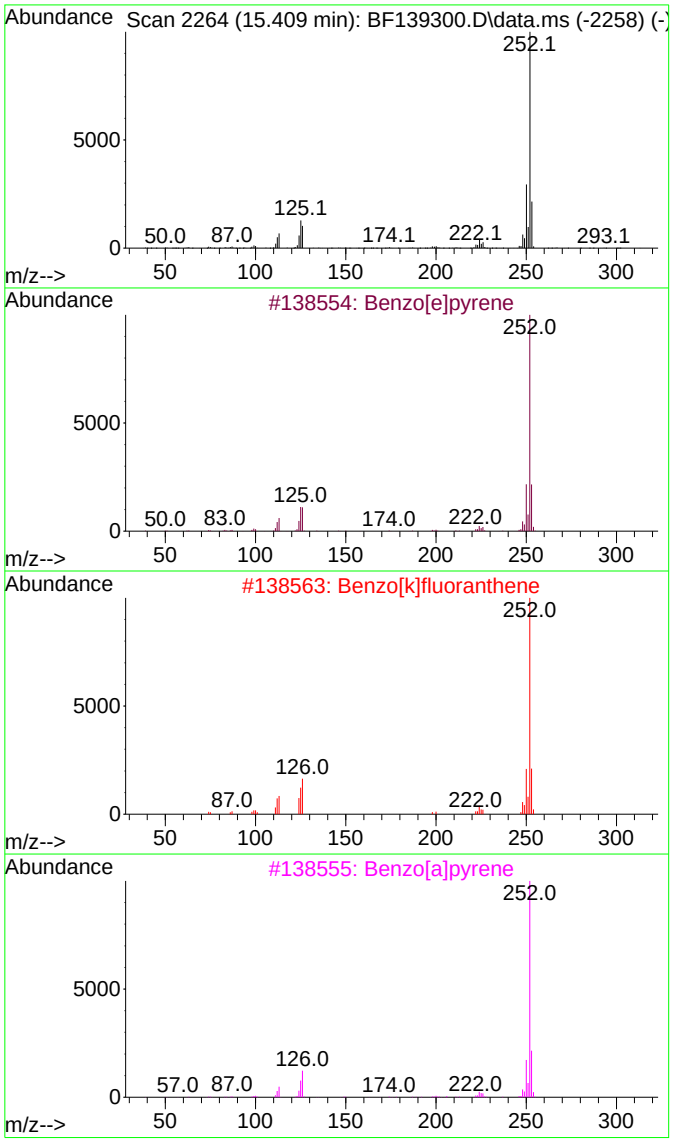
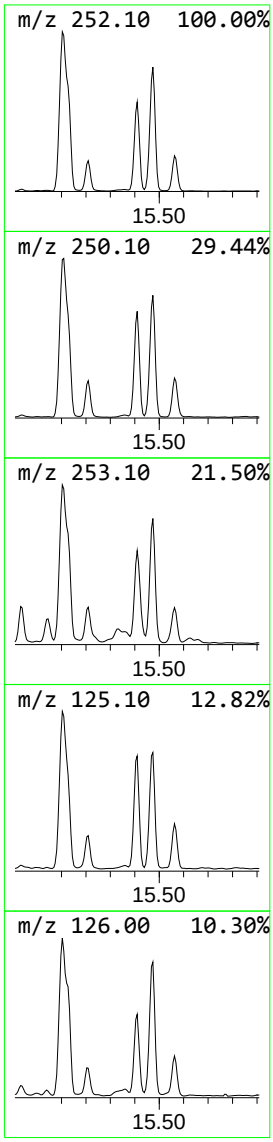
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	38.54 ng	922011	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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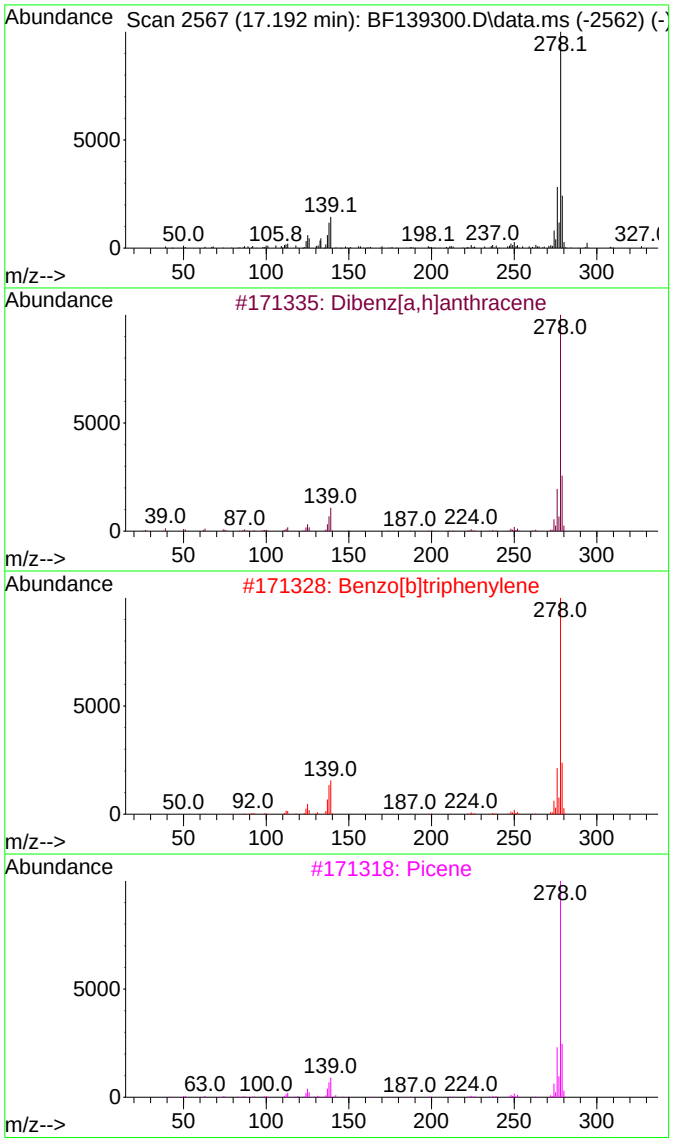
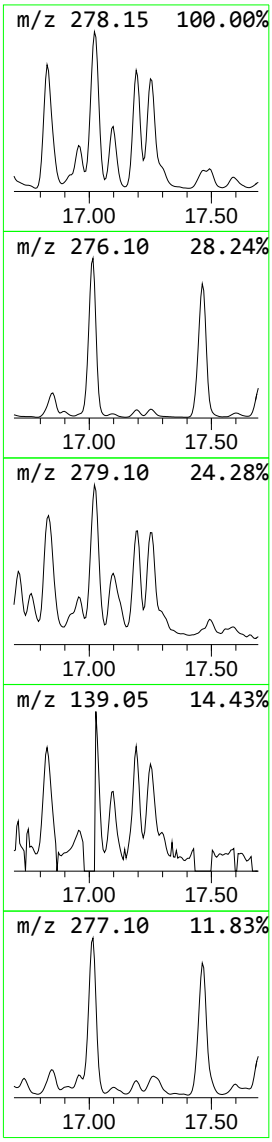
Peak Number 18 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	4.36 ng	104430	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Picene	278	C22H14	000213-46-7	98
4	Pentaphene	278	C22H14	000222-93-5	97
5	Benzo[b]chrysene	278	C22H14	000214-17-5	95





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Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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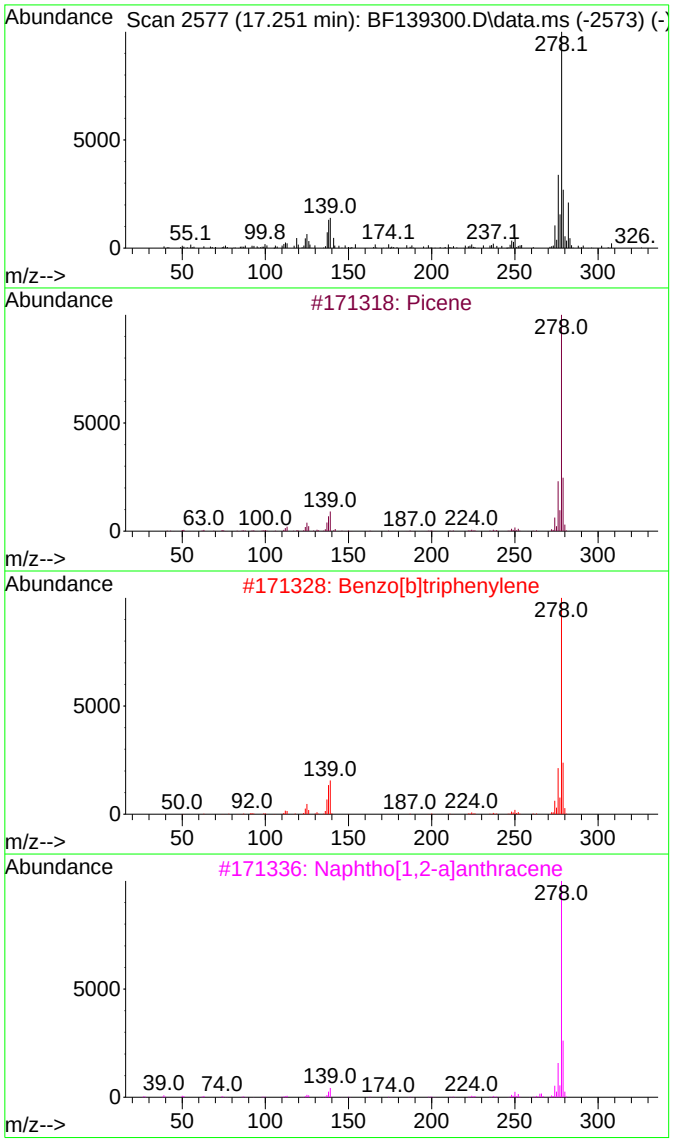
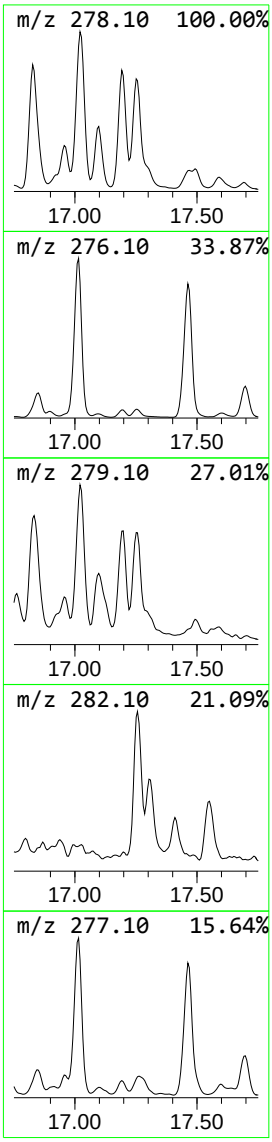
Peak Number 19 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	4.28 ng	102519	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	93
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	92
3	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	83
4	Pentaphene	278	C22H14	000222-93-5	83
5	Benzo[b]chrysene	278	C22H14	000214-17-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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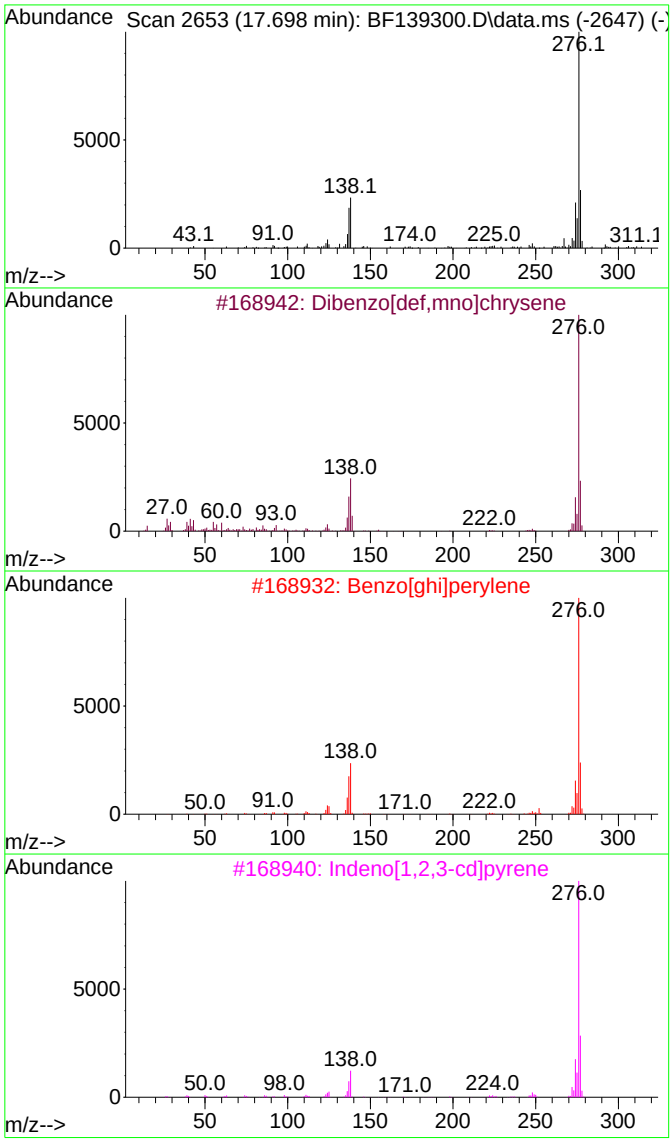
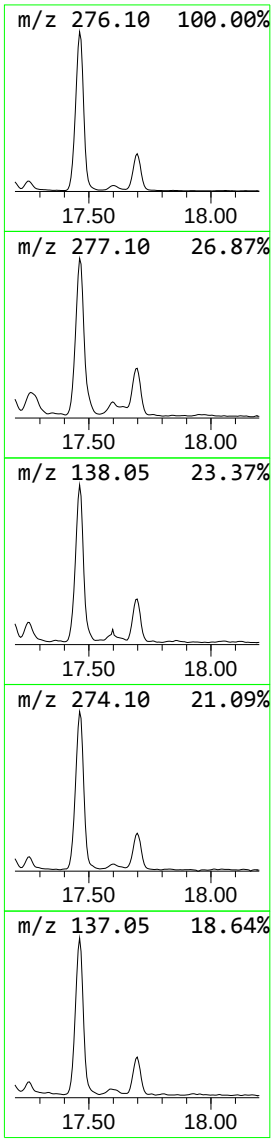
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	8.40 ng	201047	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139300.D
Acq On : 10 Sep 2024 15:29
Operator : RC/JU
Sample : P3905-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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...	2.216	59.2	ng	2217000	1	6.886	748530	20.0
2-Pentanone, 4-...	5.116	5.7	ng	213212	1	6.886	748530	20.0
Benzophenone	10.639	6.2	ng	306215	3	9.927	985011	20.0
Anthracene, 2-m...	11.916	5.1	ng	209571	4	11.410	827790	20.0
1H-Cyclopropa[l...	11.939	11.7	ng	484317	4	11.410	827790	20.0
4H-Cyclopenta[d...	12.027	14.9	ng	618971	4	11.410	827790	20.0
5,16[1',2']:8,1...	12.210	3.5	ng	146317	4	11.410	827790	20.0
9,10-Dimethylan...	12.463	5.9	ng	245184	4	11.410	827790	20.0
Pyrene, 4,5,9,1...	12.498	4.8	ng	199073	4	11.410	827790	20.0
Cyclopenta(def)...	12.551	5.1	ng	211098	4	11.410	827790	20.0
Pyrene, 1-methyl-	13.074	3.3	ng	433124	5	14.057	2623950	20.0
11H-Benzo[a]flu...	13.180	4.9	ng	637616	5	14.057	2623950	20.0
unknown14.827	14.827	3.3	ng	80020	6	15.533	478528	20.0
4,6'-Biazulenyl	14.933	7.5	ng	178725	6	15.533	478528	20.0
Benzo[e]pyrene	15.210	11.4	ng	271452	6	15.533	478528	20.0
Dinaphtho[1,2-b...	15.310	5.5	ng	132389	6	15.533	478528	20.0
Benzo[j]fluoran...	15.410	38.5	ng	922011	6	15.533	478528	20.0
Benzo[b]triphen...	17.192	4.4	ng	104430	6	15.533	478528	20.0
Picene	17.250	4.3	ng	102519	6	15.533	478528	20.0
Dibenzo[def,mno...	17.698	8.4	ng	201047	6	15.533	478528	20.0