LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139107.D
Acq On : 21 Aug 2024 17:50
Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-902-0.5-1-081624

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	10	18	26	rVB	585238	911892	25.92%	2.458%
2	3.399	217	222	241	rBV	12345	40635	1.15%	0.110%
3	5.110	504	513	520	rBV	53025	78828	2.24%	0.212%
4	5.510	575	581	586	rBV	921120	1171160	33.29%	3.157%
5	6.375	724	728	738	rBV	51366	90327	2.57%	0.243%
6	6.510	745	751	757	rBV	906218	1195868	33.99%	3.223%
7	6.898	812	817	822	rVB	422872	528158	15.01%	1.424%
8	7.451	904	911	916	rBV	582682	735505	20.90%	1.982%
9	8.175	1029	1034	1042	rBV	520697	710071	20.18%	1.914%
10	8.486	1082	1087	1091	rBV	37065	47075	1.34%	0.127%
11	9.251	1212	1217	1222	rVB	890999	1069248	30.39%	2.882%
12	9.592	1270	1275	1286	rVB	74535	108819	3.09%	0.293%
13	9.927	1324	1332	1335	rBV	483488	665007	18.90%	1.792%
14	9.963	1335	1338	1342	rVV	273490	323575	9.20%	0.872%
15	10.133	1363	1367	1371	rBV	152183	183721	5.22%	0.495%
16	10.475	1421	1425	1430	rVB	259559	326309	9.27%	0.880%
17	10.545	1430	1437	1438	rBV3	20094	36825	1.05%	0.099%
18	10.633	1449	1452	1456	rVB	40377	50907	1.45%	0.137%
19	10.716	1456	1466	1471	rBV2	490204	636573	18.09%	1.716%
20	11.022	1511	1518	1521	rBV3	35892	62996	1.79%	0.170%
21	11.216	1548	1551	1556	rVB	43857	56484	1.61%	0.152%
22	11.274	1556	1561	1564	rVV3	24110	46398	1.32%	0.125%
23	11.310	1564	1567	1573	rVB	113028	144530	4.11%	0.390%
24	11.445	1580	1590	1594	rBV2	1980699	3008191	85.50%	8.108%
25	11.492	1594	1598	1602	rVV	566064	720243	20.47%	1.941%
26	11.522	1602	1603	1608	rVB	61904	59458	1.69%	0.160%
27	11.645	1617	1624	1631	rBV2	251417	368916	10.49%	0.994%
28	11.716	1631	1636	1639	rBV3	27892	43842	1.25%	0.118%
29	11.916	1664	1670	1672	rBV	132779	178944	5.09%	0.482%
30	11.945	1672	1675	1679	rVV	231826	295283	8.39%	0.796%
31	11.992	1679	1683	1686	rVV	73916	100511	2.86%	0.271%
32	12.033	1686	1690	1697	rVB2	323181	511676	14.54%	1.379%
33	12.216	1716	1721	1723	rBV	122344	181776	5.17%	0.490%
34	12.363	1742	1746	1749	rBV2	29517	40566	1.15%	0.109%
35	12.469	1759	1764	1767	rBV	65287	95878	2.73%	0.258%
36	12.504	1767	1770	1775	rVV4	36112	64641	1.84%	0.174%

LSC Area Percent Report

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Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

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-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.551	1775	1778	1784	rVB2	59231	86372	2.45%	0.233%
38	12.633	1786	1792	1797	rBV	2250516	3027153	86.04%	8.159%
39	12.686	1797	1801	1805	rVB2	45193	63673	1.81%	0.172%
40	12.780	1810	1817	1823	rBV2	73383	125433	3.57%	0.338%
41	12.863	1823	1831	1837	rBV	2034927	3518349	100.00%	9.483%
42	13.004	1846	1855	1861	rVB3	663850	1049551	29.83%	2.829%
43	13.074	1861	1867	1870	rBV2	107334	202264	5.75%	0.545%
44	13.104	1870	1872	1876	rVB	54640	56193	1.60%	0.151%
45	13.186	1876	1886	1890	rBV	295036	501011	14.24%	1.350%
46	13.251	1893	1897	1900	rBV	273050	339612	9.65%	0.915%
47	13.286	1900	1903	1907	rVB2	95400	110071	3.13%	0.297%
48	13.380	1916	1919	1922	rBV	47402	54047	1.54%	0.146%
49	13.410	1922	1924	1929	rVB2	56671	66702	1.90%	0.180%
50	13.586	1947	1954	1964	rBV7	53706	166105	4.72%	0.448%
51	13.692	1965	1972	1977	rVB2	86497	175709	4.99%	0.474%
52	13.768	1981	1985	1988	rBV	107488	141373	4.02%	0.381%
53	13.804	1988	1991	1994	rVV	168647	235774	6.70%	0.636%
54	13.833	1994	1996	1998	rVV	144047	178648	5.08%	0.482%
55	13.857	1998	2000	2004	rVV2	151756	255205	7.25%	0.688%
56	13.898	2004	2007	2014	rVB3	177493	269216	7.65%	0.726%
57	13.974	2015	2020	2024	rBV	49391	76068	2.16%	0.205%
58	14.051	2025	2033	2036	rBV3	1349119	2251506	63.99%	6.069%
59	14.086	2036	2039	2045	rVB	981221	1310756	37.25%	3.533%
60	14.163	2047	2052	2055	rVV	228784	289396	8.23%	0.780%
61	14.198	2055	2058	2061	rVV2	54277	81250	2.31%	0.219%
62	14.239	2062	2065	2068	rVV	85157	127719	3.63%	0.344%
63	14.274	2068	2071	2076	rVB2	111468	158444	4.50%	0.427%
64	14.374	2085	2088	2091	rBV2	39110	48752	1.39%	0.131%
65	14.404	2091	2093	2095	rVV	33386	39583	1.13%	0.107%
66	14.439	2095	2099	2102	rVV	131074	192387	5.47%	0.519%
67	14.474	2102	2105	2109	rVB3	76433	94867	2.70%	0.256%
68	14.533	2111	2115	2118	rVV3	133119	198212	5.63%	0.534%
69	14.586	2122	2124	2128	rVB3	113951	127172	3.61%	0.343%
70	14.627	2128	2131	2138	rVB4	57049	117960	3.35%	0.318%
71	14.745	2147	2151	2155	rBV3	62417	114234	3.25%	0.308%
72	14.939	2181	2184	2190	rVB	32773	39903	1.13%	0.108%
73	15.004	2191	2195	2199	rBV3	46926	84852	2.41%	0.229%
74	15.104	2206	2212	2222	rVV	740516	1798270	51.11%	4.847%
75	15.210	2226	2230	2236	rVB	150941	225248	6.40%	0.607%
76	15.315	2241	2248	2252	rBV5	45721	128114	3.64%	0.345%

LSC Area Percent Report

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Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.362	2253	2256	2259	rVV2	45188	72237	2.05%	0.195%
78	15.409	2259	2264	2269	rVV	395903	633028	17.99%	1.706%
79	15.474	2269	2275	2280	rVV	597012	900166	25.58%	2.426%
80	15.533	2280	2285	2288	rVV	237136	378804	10.77%	1.021%
81	15.562	2288	2290	2298	rVB	180174	270362	7.68%	0.729%
82	16.027	2365	2369	2374	rVV6	21529	48523	1.38%	0.131%
83	16.092	2376	2380	2390	rVB	49073	99180	2.82%	0.267%
84	16.839	2500	2507	2514	rVB3	43983	113642	3.23%	0.306%
85	17.009	2530	2536	2547	rVB2	229069	505247	14.36%	1.362%
86	17.098	2547	2551	2558	rVB2	25072	52562	1.49%	0.142%
87	17.198	2560	2568	2572	rBV	51413	120678	3.43%	0.325%
88	17.256	2573	2578	2582	rBV2	29410	53517	1.52%	0.144%
89	17.462	2604	2613	2630	rVB	177942	444424	12.63%	1.198%
90	17.633	2637	2642	2647	rVV4	35712	76994	2.19%	0.208%
91	17.692	2647	2652	2669	rVB2	64493	189163	5.38%	0.510%
92	17.974	2694	2700	2708	rBV4	49571	123761	3.52%	0.334%

Sum of corrected areas: 37100278

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
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Operator : RC/JU
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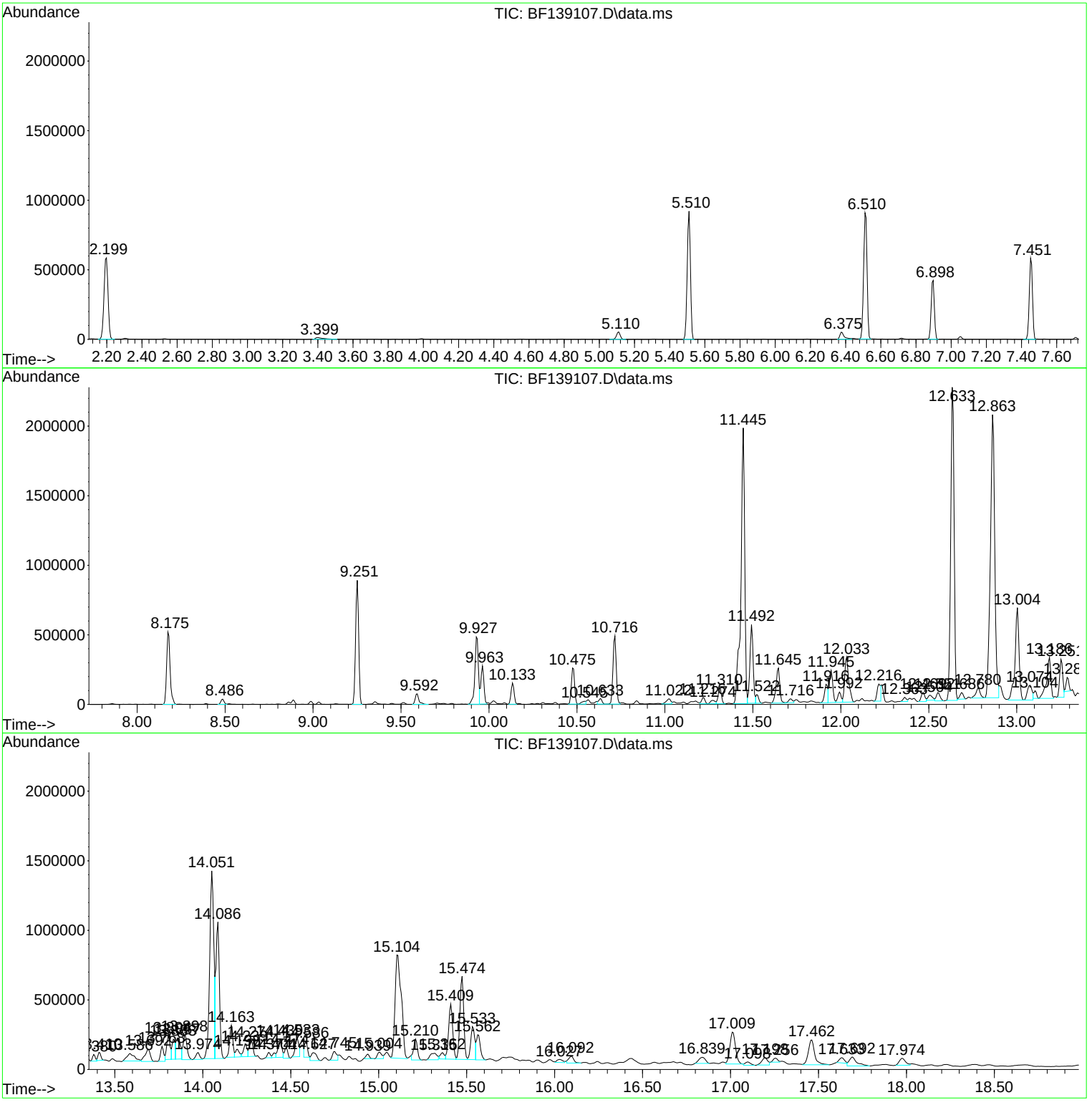
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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\BF082124\
Data File : BF139107.D
Acq On : 21 Aug 2024 17:50
Operator : RC/JU
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Instrument :
BNA_F
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S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

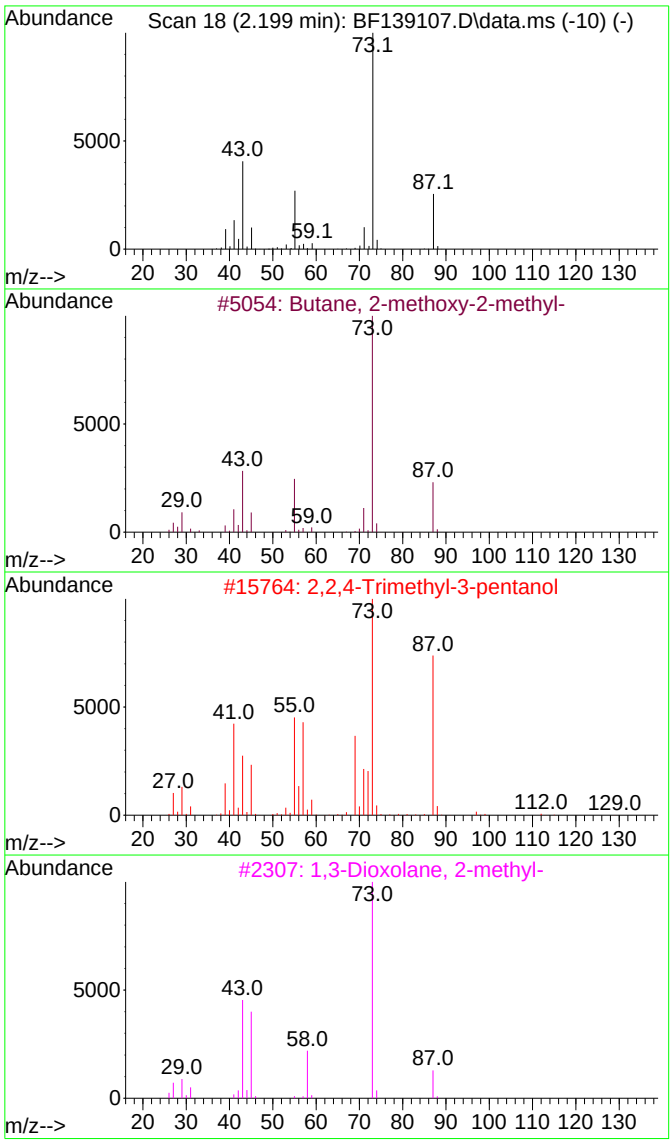
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

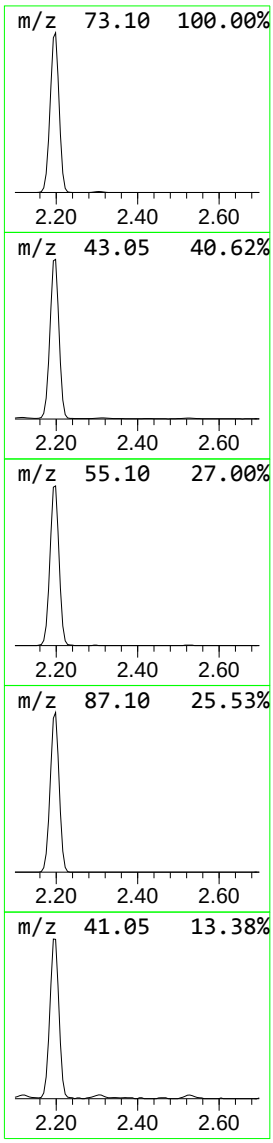
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	34.53 ng	911892	1,4-Dichlorobenzene-d4	6.898

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Sample : P3660-04
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

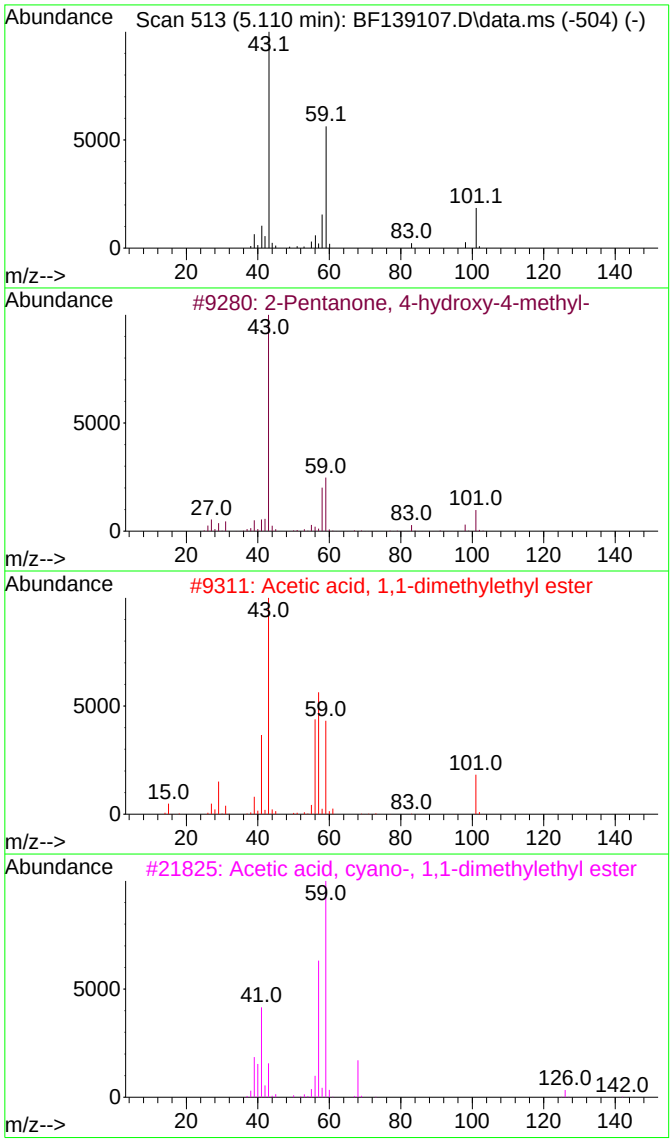
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

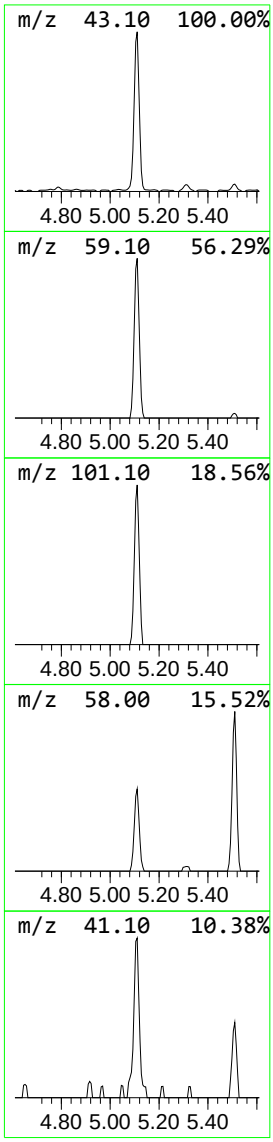
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	2.99 ng	78828	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

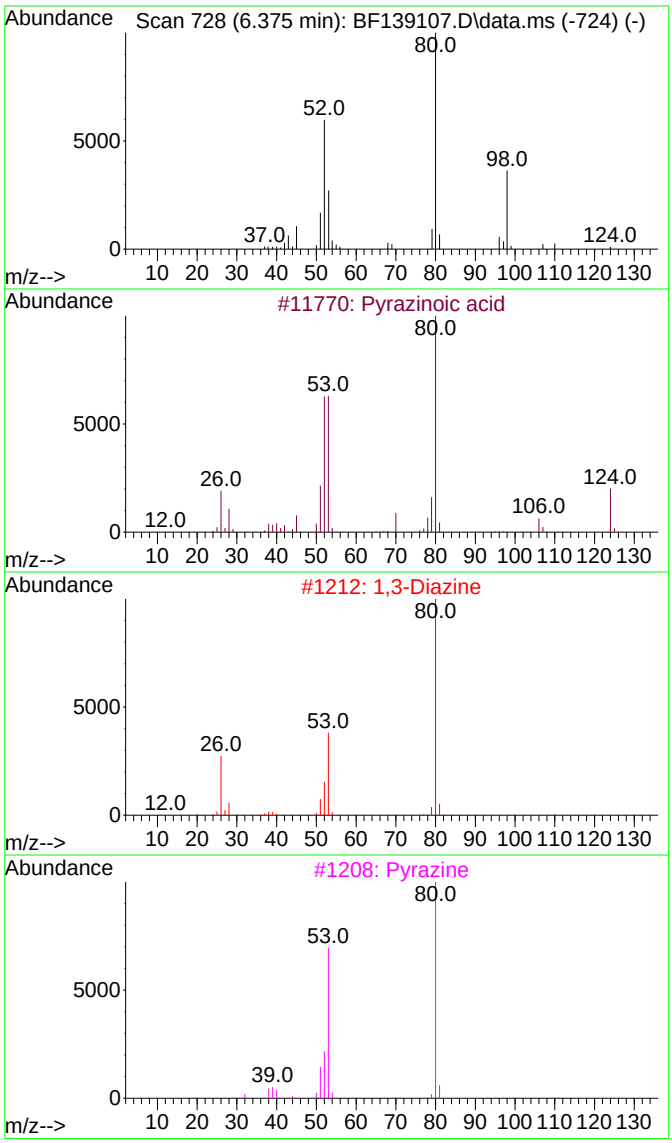
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

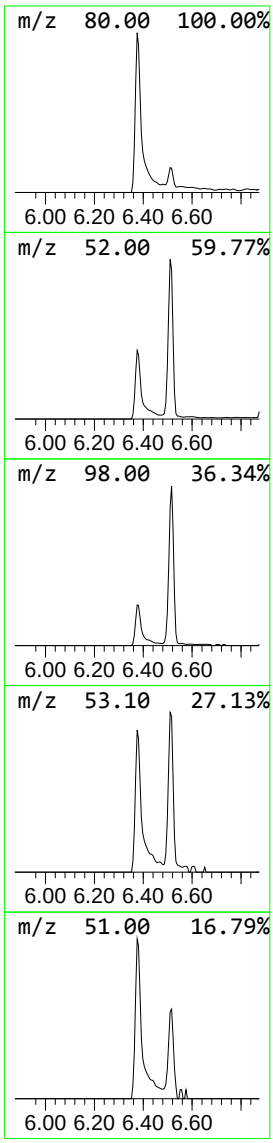
****

Peak Number 3 Pyrazinoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	3.42 ng	90327	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazinoic acid	124	C5H4N2O2	000098-97-5	56
2	1,3-Diazine	80	C4H4N2	000289-95-2	47
3	Pyrazine	80	C4H4N2	000290-37-9	42
4	2,3-Pyrazinedicarboxylic acid	168	C6H4N2O4	000089-01-0	38
5	Sulfuric Acid	98	H2O4S	007664-93-9	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

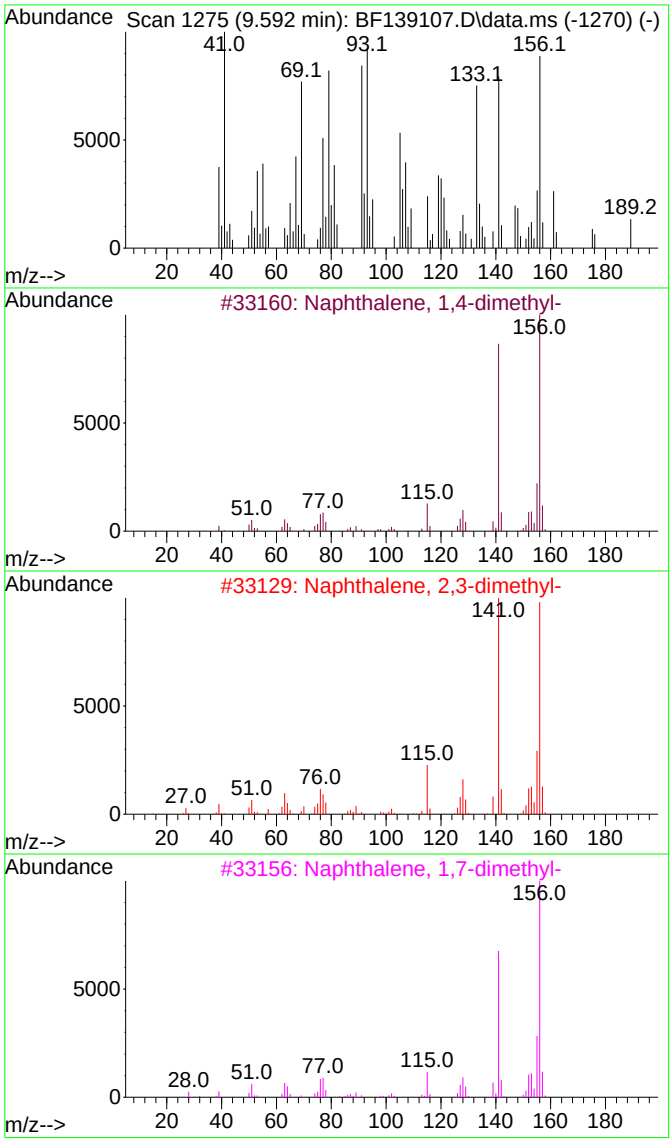
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

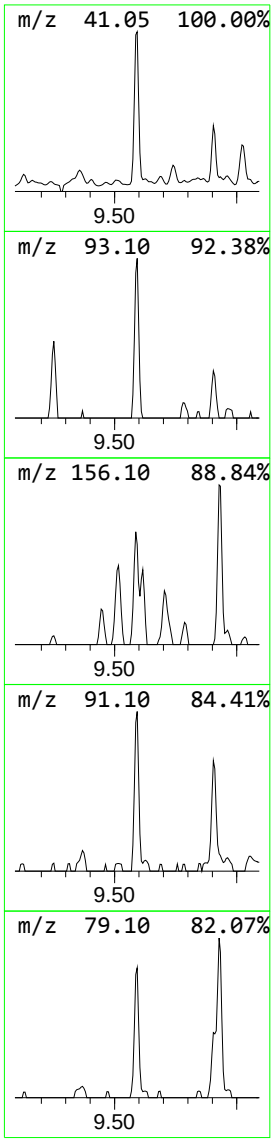
****

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	3.27 ng	108819	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91





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Data File : BF139107.D
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Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

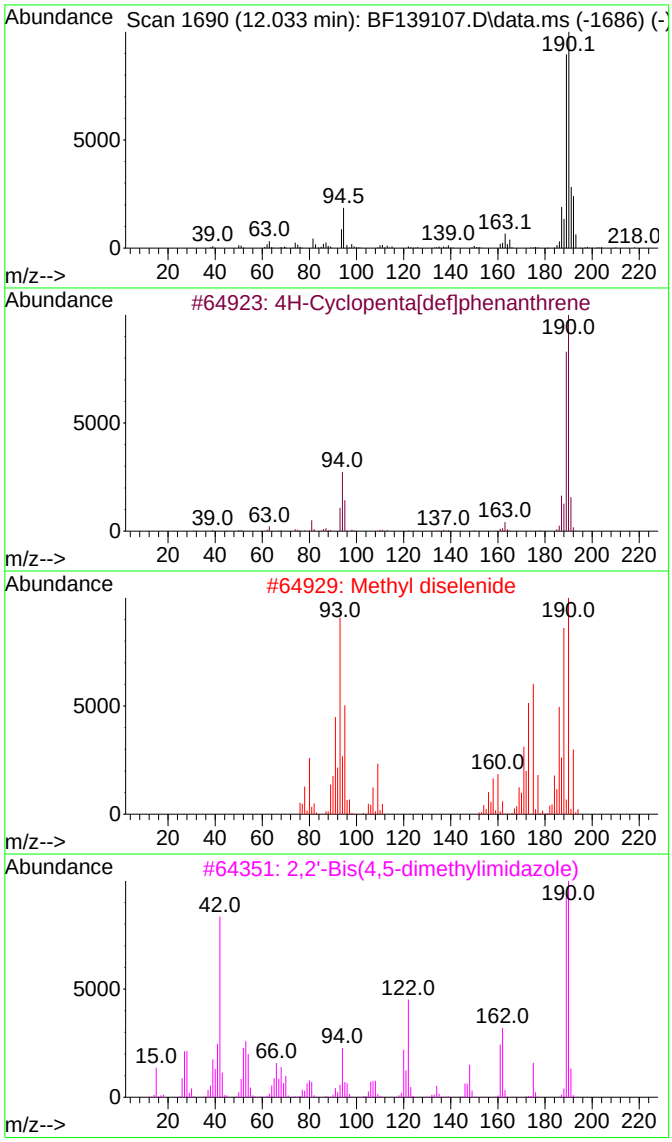
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

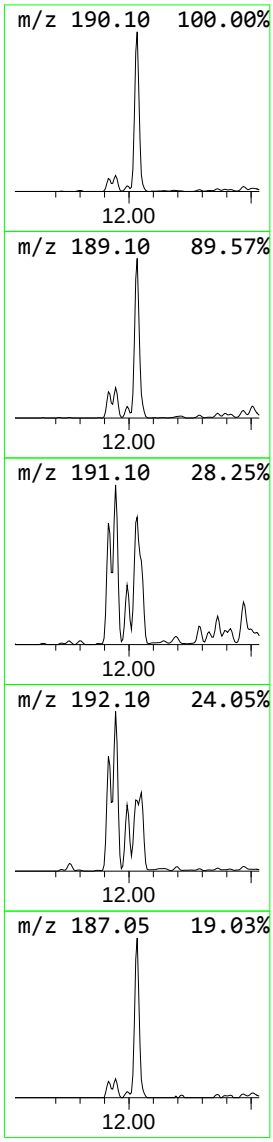
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	3.40 ng	511676	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139107.D
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Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

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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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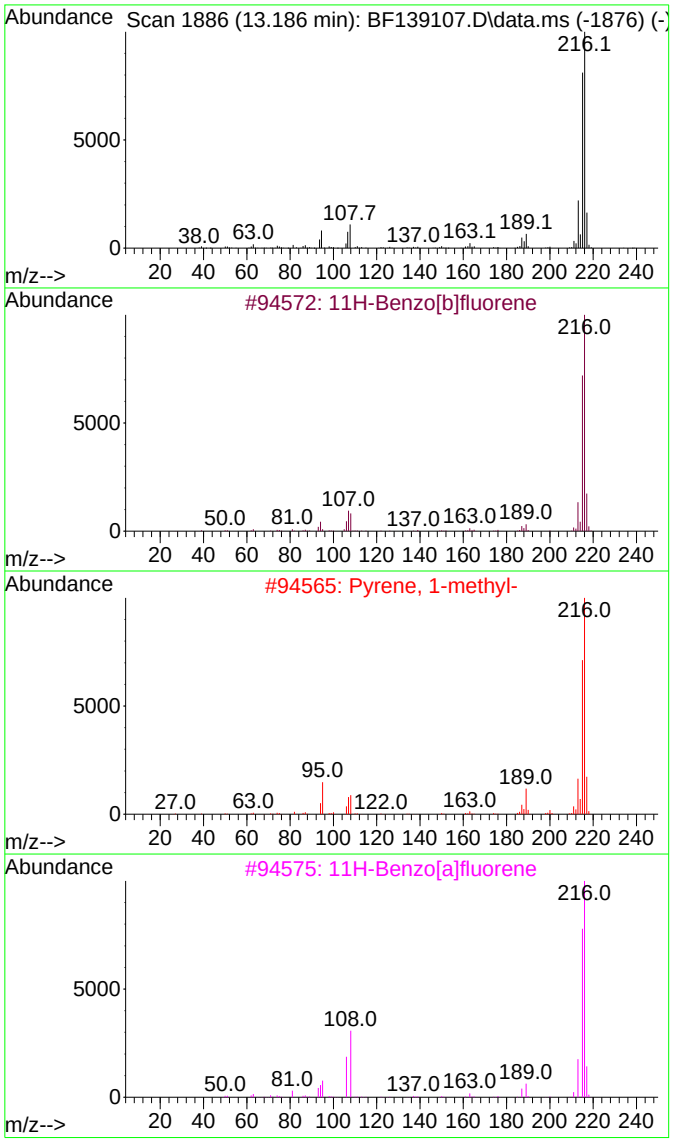
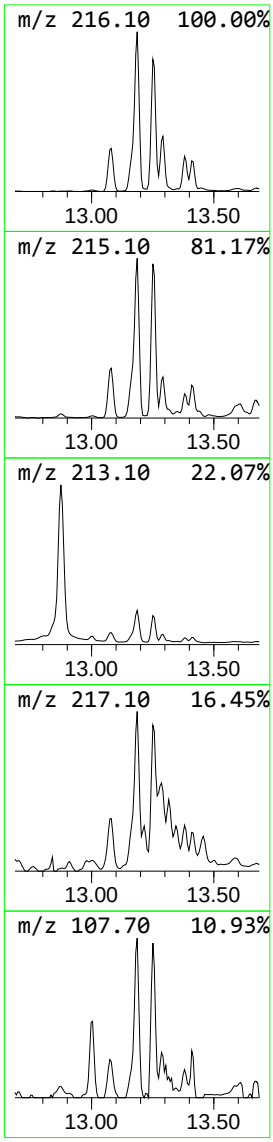
Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	4.45 ng	501011	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Acq On : 21 Aug 2024 17:50
Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
S-902-0.5-1-081624

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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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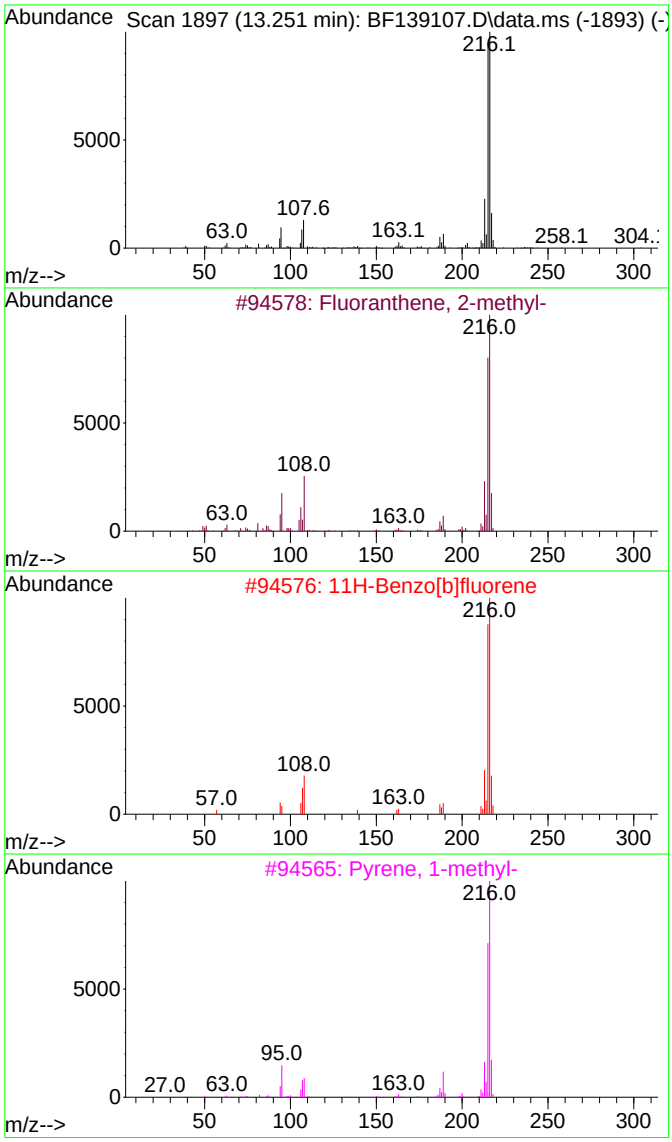
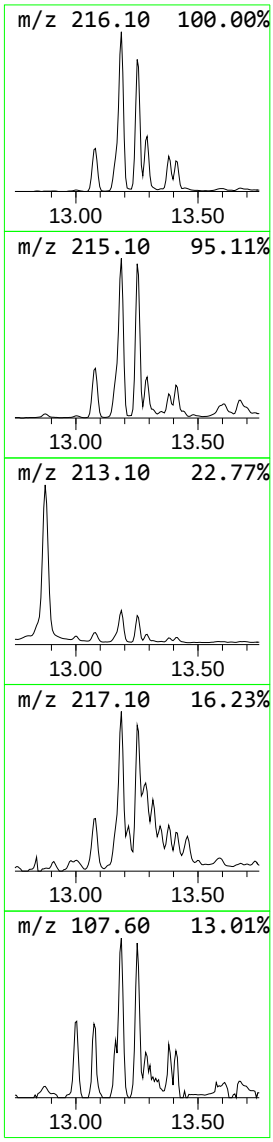
Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	3.02 ng	339612	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





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S-902-0.5-1-081624

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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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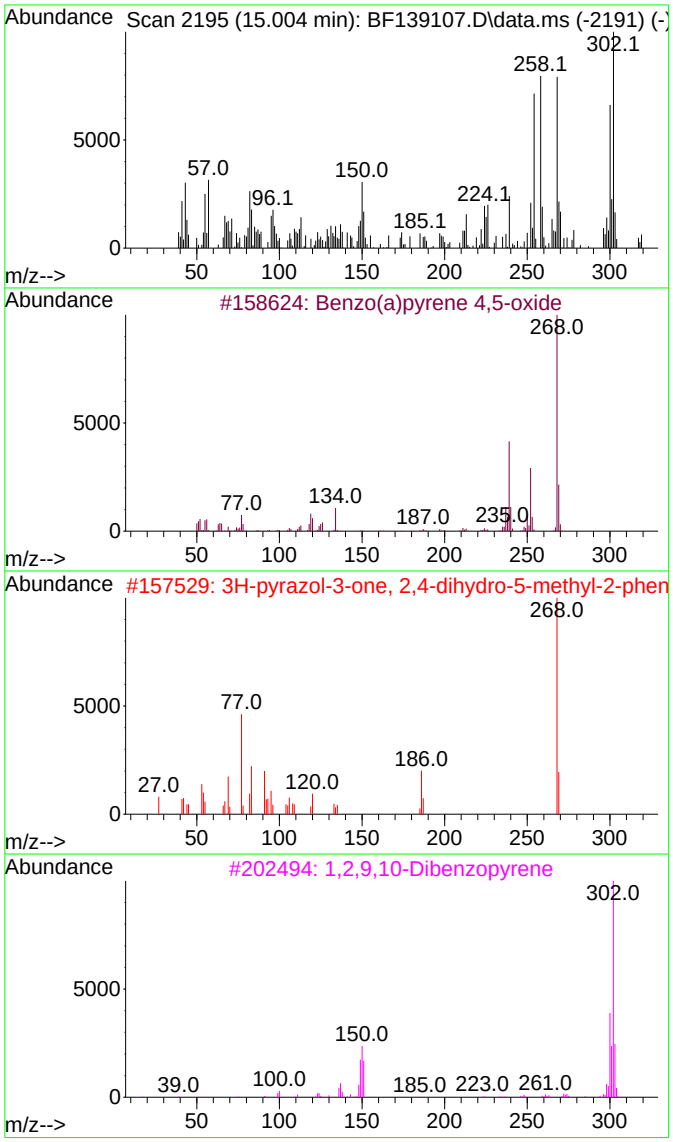
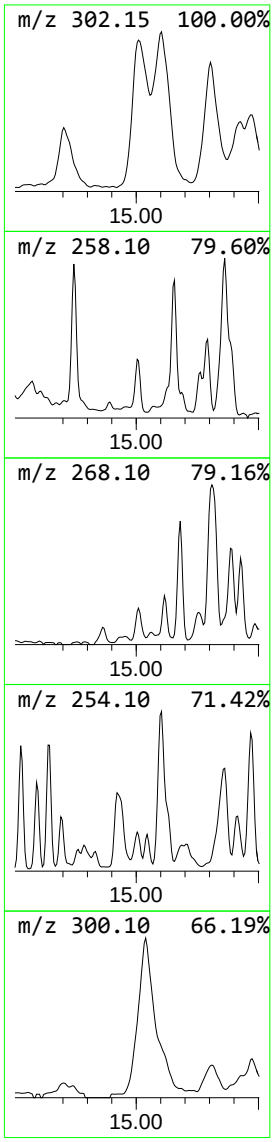
Peak Number 8 unknown15.004 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	4.48 ng	84852	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	25
2	3H-pyrazol-3-one, 2,4-dihydro-5-...	268	C13H12N6O	1000396-95-0	25
3	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	25
4	Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	25
5	3-Methylcholanthrene	268	C21H16	000056-49-5	25





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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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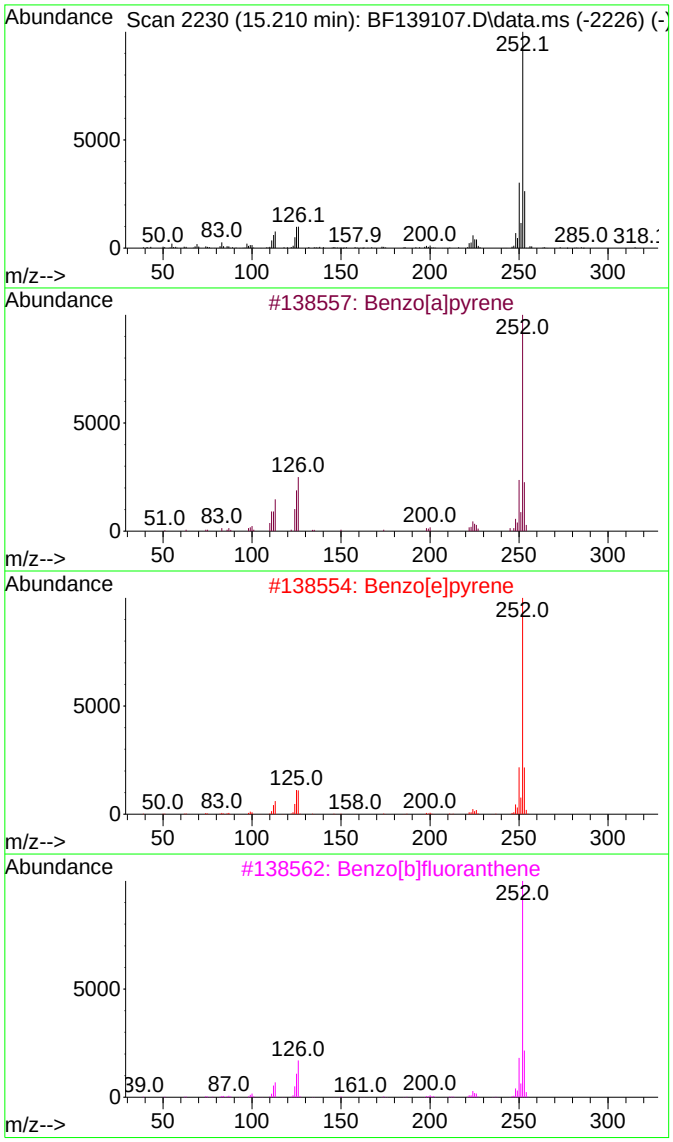
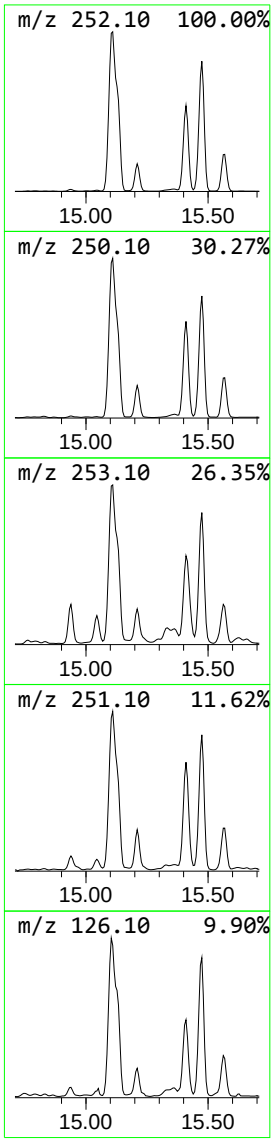
Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	11.89 ng	225248	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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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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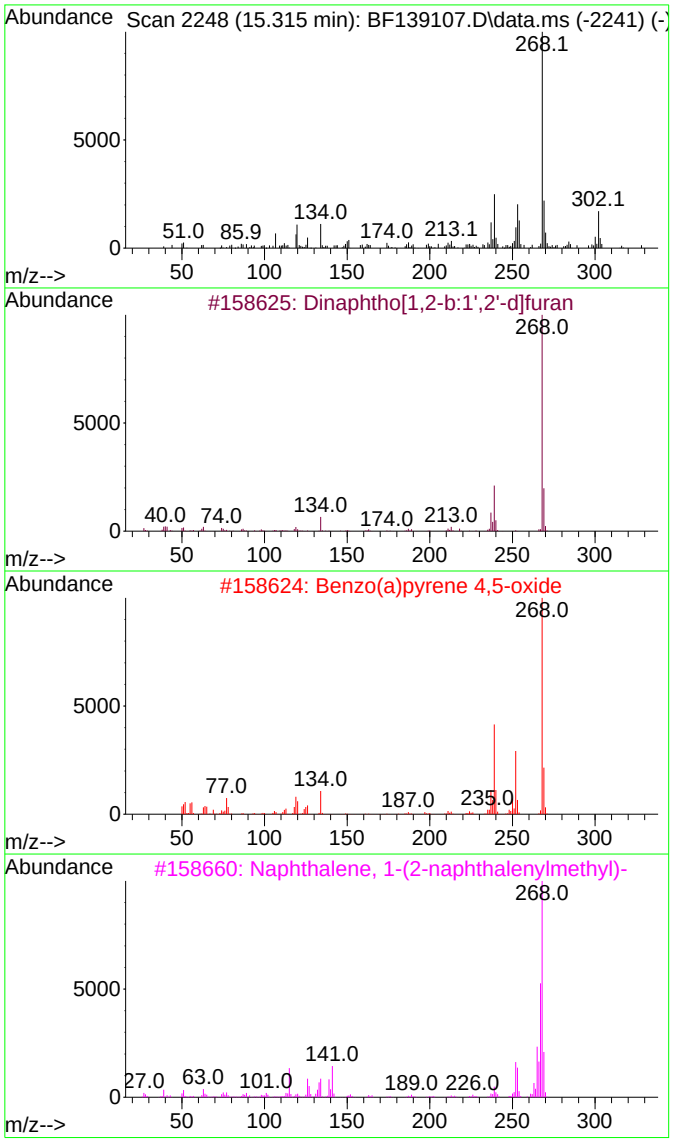
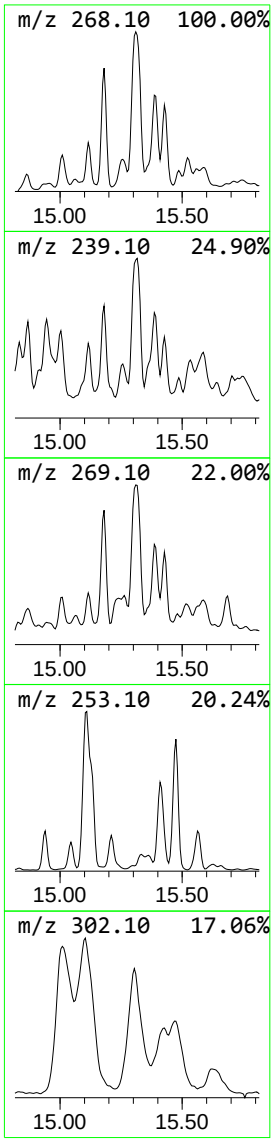
Peak Number 10 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	6.76 ng	128114	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	92
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	70
3	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	52
4	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	52
5	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	50





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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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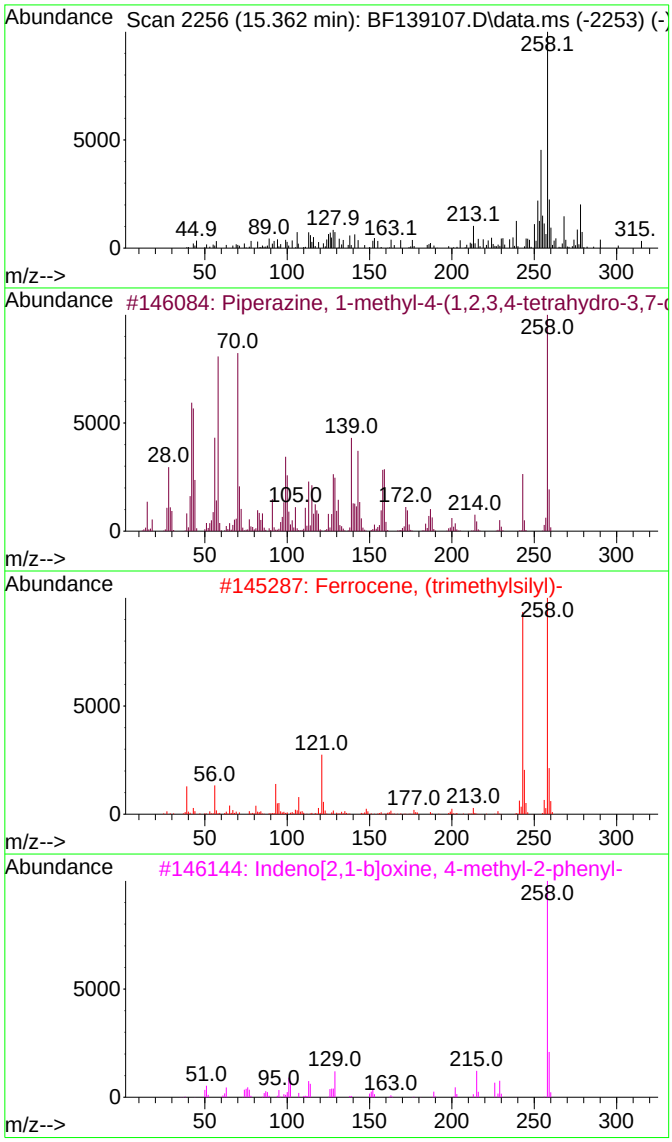
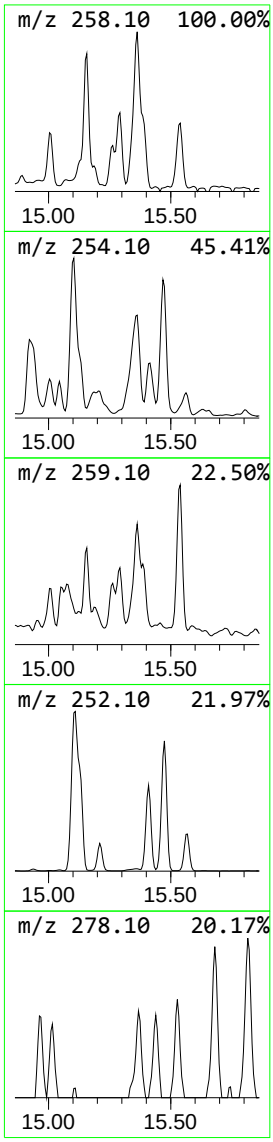
Peak Number 11 unknown15.362 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.362	3.81 ng	72237	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	46
2	Ferrocene, (trimethylsilyl)-	258	C13H18FeSi	012215-68-8	43
3	Indeno[2,1-b]oxine, 4-methyl-2-p...	258	C19H14O	062096-45-1	41
4	2-Thiazoleacetonitrile, 4-tricyc...	258	C15H18N2S	1000338-15-0	38
5	3-[Methylthio]-5,6,7-trimethyl-1...	258	C13H14N4S	076273-38-6	38





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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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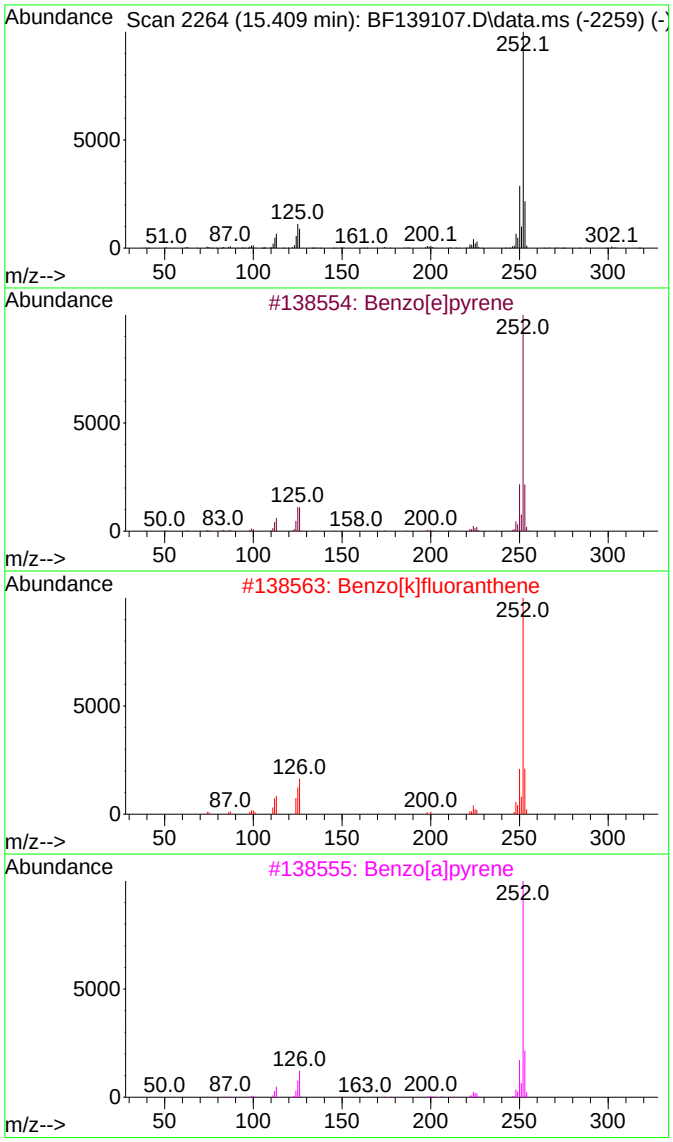
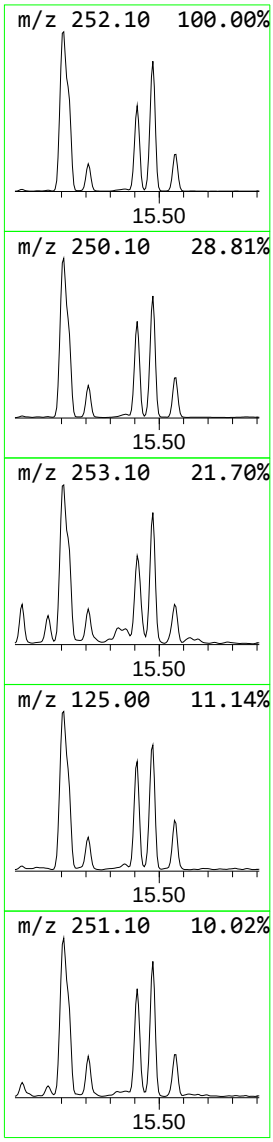
Peak Number 12 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	33.42 ng	633028	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	91
5	Perylene	252	C20H12	000198-55-0	90





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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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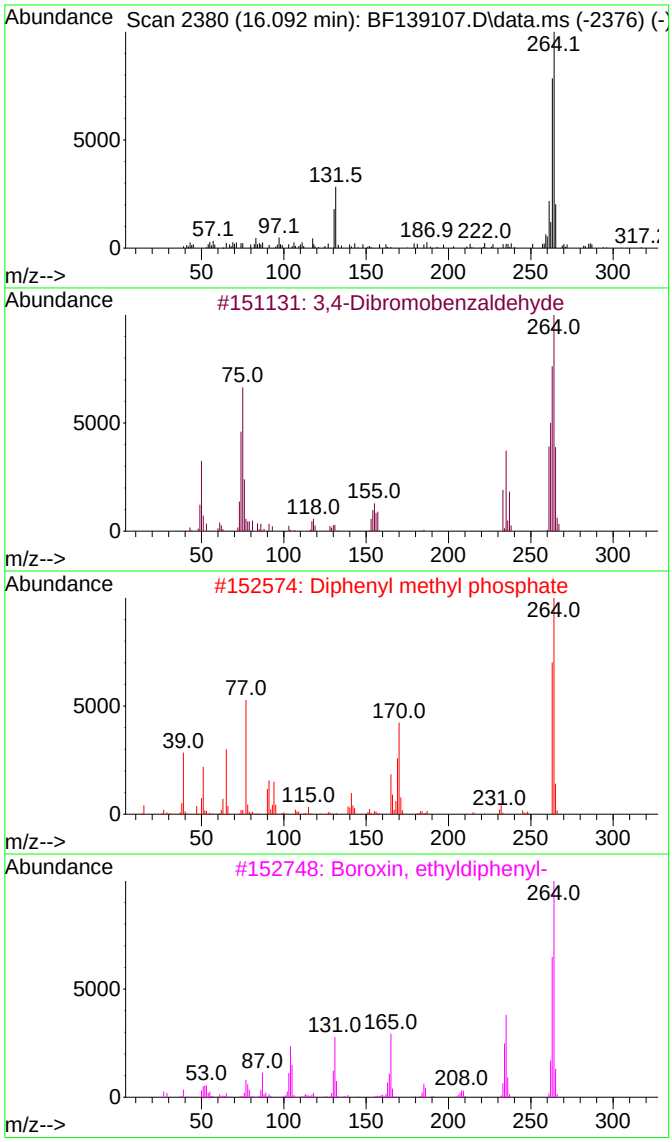
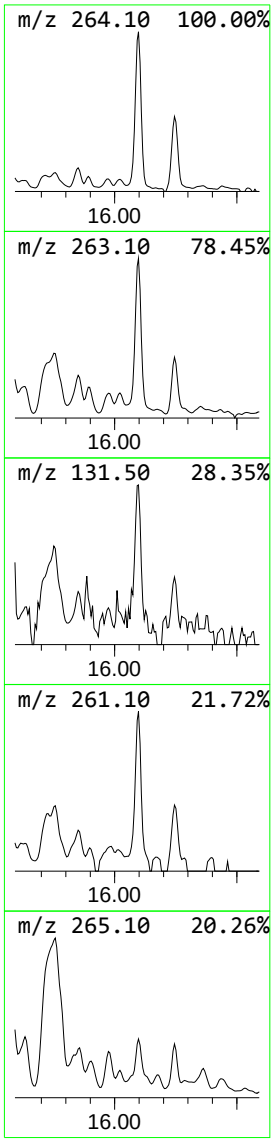
Peak Number 13 3,4-Dibromobenzaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	5.24 ng	99180	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	72
2	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	58
3	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	40
4	Benzo[a]pyrene - D12	264	C20D12	063466-71-7	38
5	2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	27





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Sample : P3660-04
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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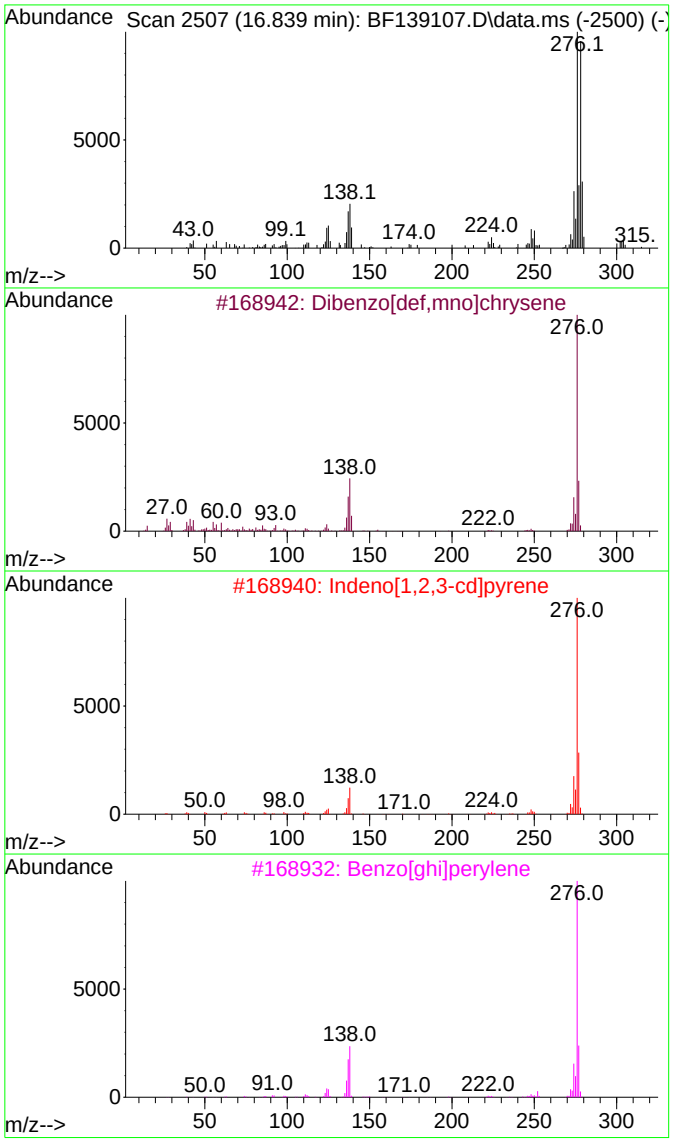
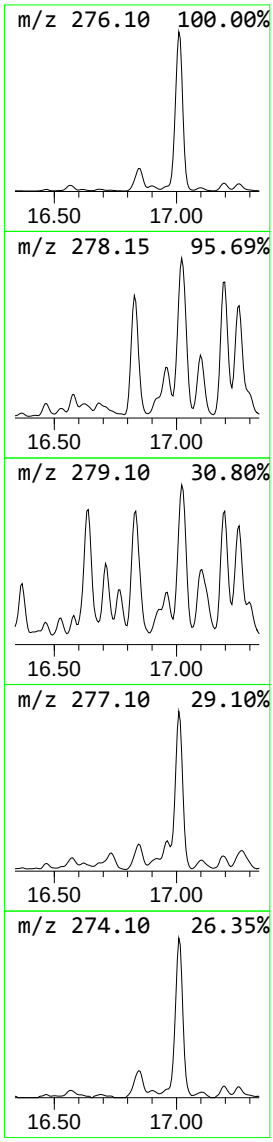
Peak Number 14 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.839	6.00 ng	113642	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	86
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	55





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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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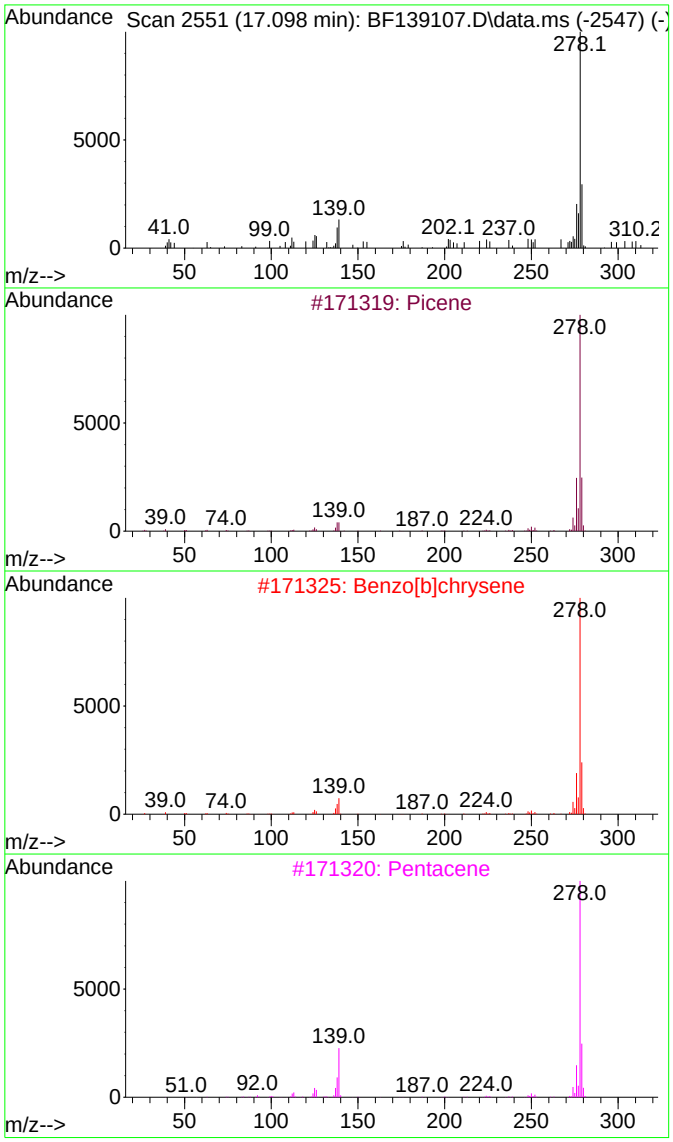
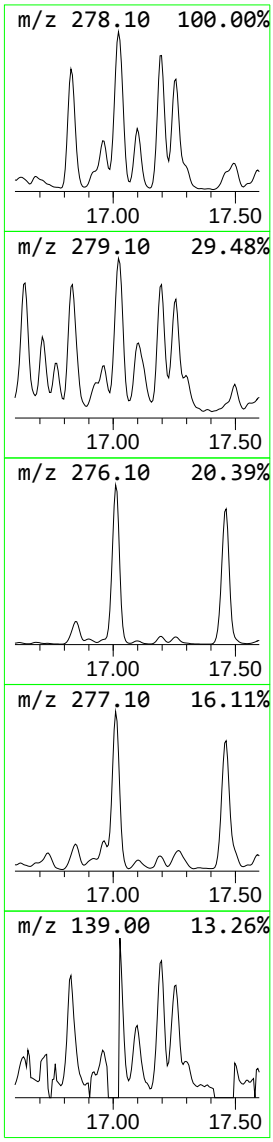
Peak Number 15 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	2.78 ng	52562	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	74
2	Benzo[b]chrysene	278	C22H14	000214-17-5	72
3	Pentacene	278	C22H14	000135-48-8	68
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	68
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	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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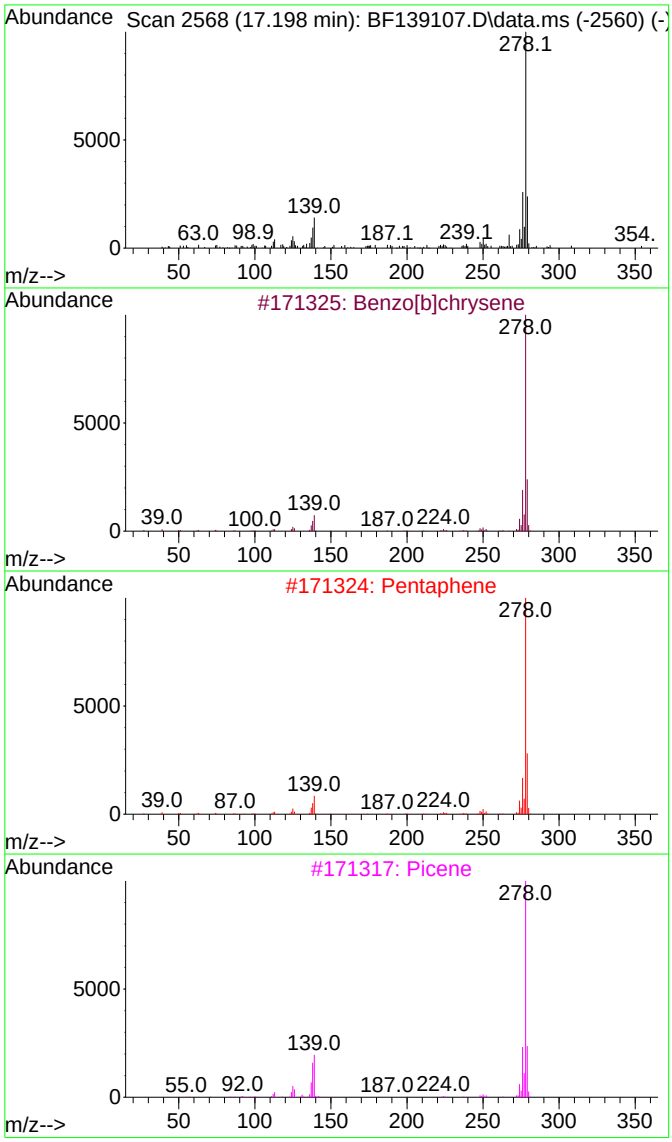
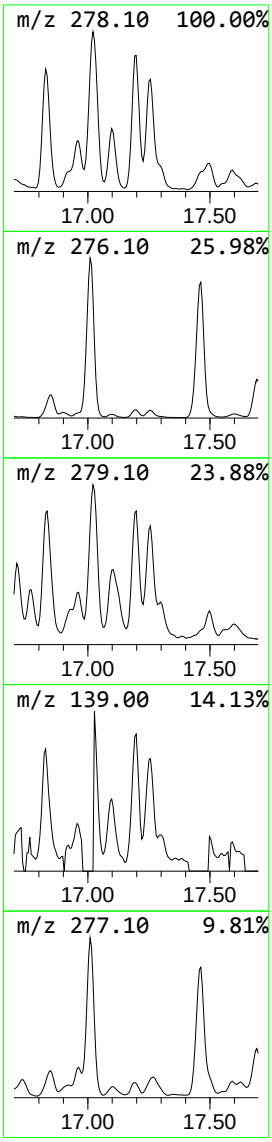
Peak Number 16 Benzo[b]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	6.37 ng	120678	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	95
2	Pentaphene	278	C22H14	000222-93-5	95
3	Picene	278	C22H14	000213-46-7	93
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
5	Silane, methylvinyl(2-methylphen...	278	C16H26O2Si	1000416-99-3	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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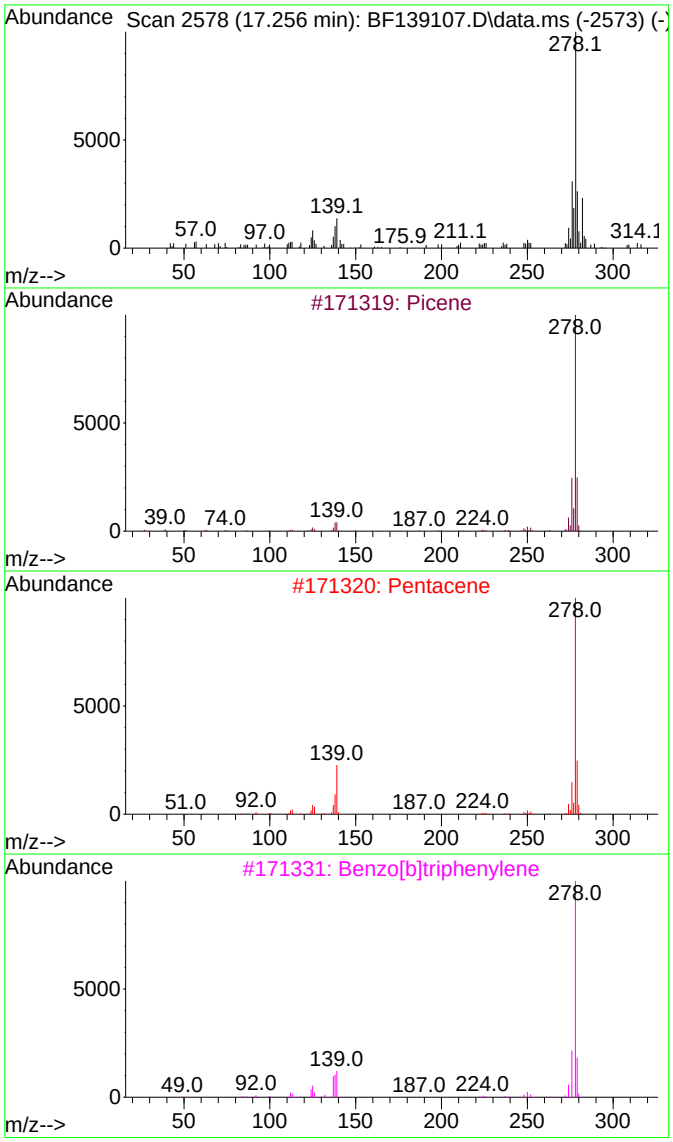
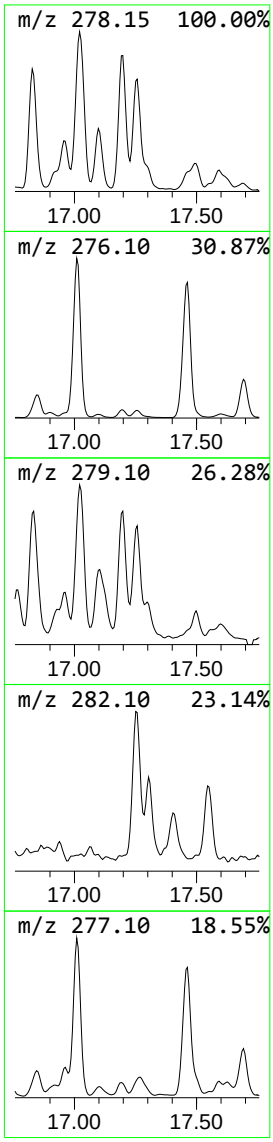
Peak Number 17 Pentacene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.256	2.83 ng	53517	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	92
2	Pentacene	278	C22H14	000135-48-8	86
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	78
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	70
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70





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Data File : BF139107.D
Acq On : 21 Aug 2024 17:50
Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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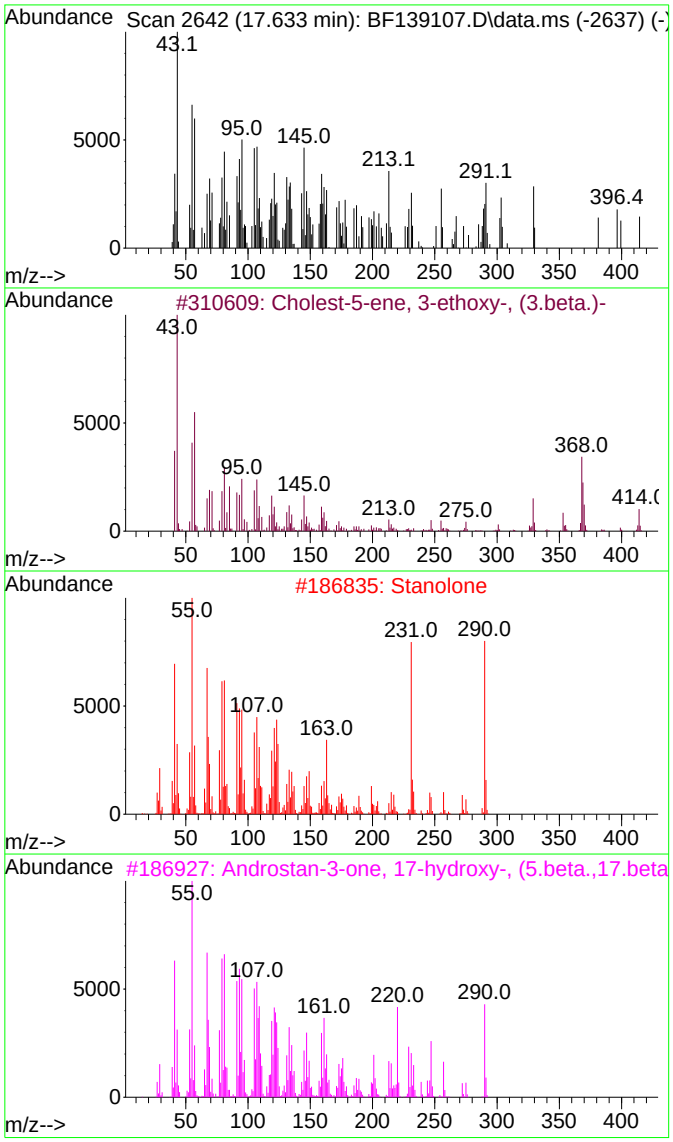
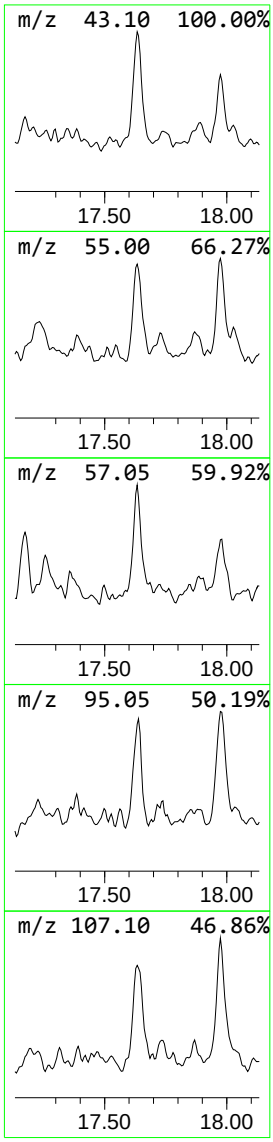
Peak Number 18 unknown17.633 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	4.07 ng	76994	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	46
2	Stanolone	290	C19H30O2	000521-18-6	41
3	Androstan-3-one, 17-hydroxy-, (5...	290	C19H30O2	000571-22-2	35
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	32
5	Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139107.D
Acq On : 21 Aug 2024 17:50
Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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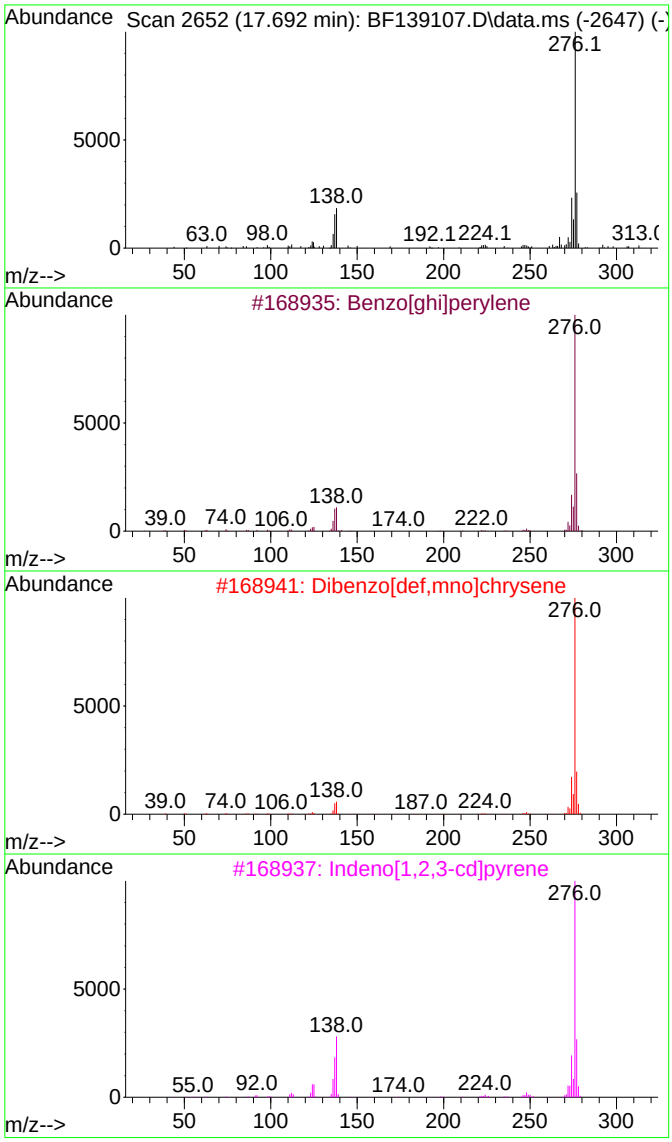
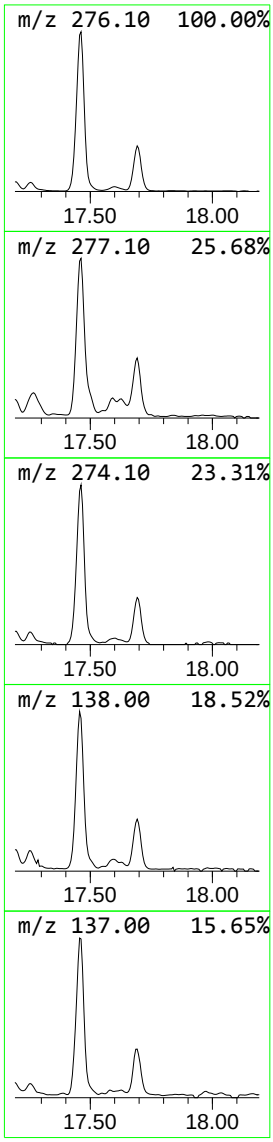
Peak Number 19 Indeno[1,2,3-cd]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	9.99 ng	189163	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
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	72
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139107.D
Acq On : 21 Aug 2024 17:50
Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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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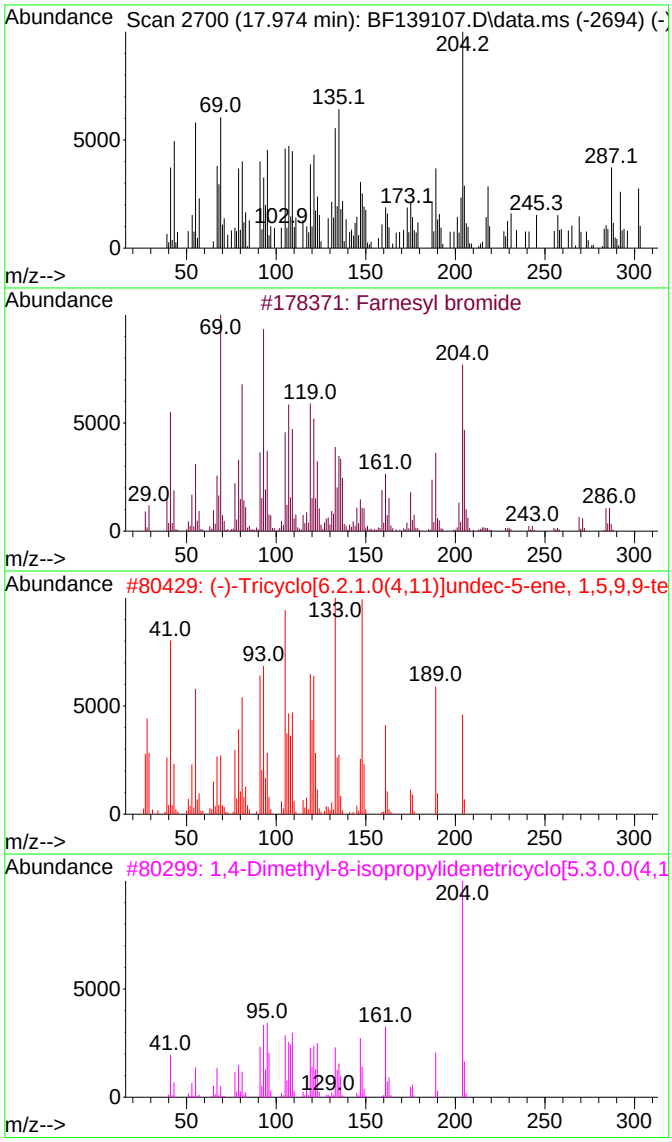
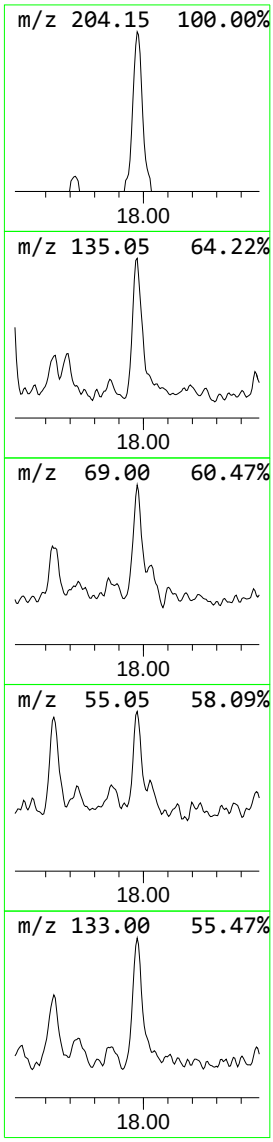
Peak Number 20 Farnesyl bromide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	6.53 ng	123761	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Farnesyl bromide	284	C15H25Br	006874-67-5	64
2	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	62
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1010140-07-7	58
4	Guaia-3,9-diene	204	C15H24	000489-83-8	45
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139107.D
Acq On : 21 Aug 2024 17:50
Operator : RC/JU
Sample : P3660-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-0.5-1-081624

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.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...	2.199	34.5	ng	911892	1	6.898	528158	20.0
2-Pentanone, 4-...	5.110	3.0	ng	78828	1	6.898	528158	20.0
Pyrazinoic acid	6.375	3.4	ng	90327	1	6.898	528158	20.0
Naphthalene, 1,...	9.592	3.3	ng	108819	3	9.927	665007	20.0
4H-Cyclopenta[d...	12.033	3.4	ng	511676	4	11.416	3008190	20.0
11H-Benzo[b]flu...	13.186	4.5	ng	501011	5	14.057	2251510	20.0
Fluoranthene, 2...	13.251	3.0	ng	339612	5	14.057	2251510	20.0
unknown15.004	15.004	4.5	ng	84852	6	15.533	378804	20.0
Benzo[e]pyrene	15.210	11.9	ng	225248	6	15.533	378804	20.0
Dinaphtho[1,2-b...	15.315	6.8	ng	128114	6	15.533	378804	20.0
unknown15.362	15.362	3.8	ng	72237	6	15.533	378804	20.0
Perylene	15.410	33.4	ng	633028	6	15.533	378804	20.0
3,4-Dibromobenz...	16.092	5.2	ng	99180	6	15.533	378804	20.0
Dibenzo[def,mno...	16.839	6.0	ng	113642	6	15.533	378804	20.0
Picene	17.098	2.8	ng	52562	6	15.533	378804	20.0
Benzo[b]chrysene	17.198	6.4	ng	120678	6	15.533	378804	20.0
Pentacene	17.256	2.8	ng	53517	6	15.533	378804	20.0
unknown17.633	17.633	4.1	ng	76994	6	15.533	378804	20.0
Indeno[1,2,3-cd...	17.692	10.0	ng	189163	6	15.533	378804	20.0
Farnesyl bromide	17.974	6.5	ng	123761	6	15.533	378804	20.0