LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-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: BF139109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	13	26	35	rVB	706083	1241506	19.63%	2.052%
2	5.128	506	516	524	rVB	98287	158585	2.51%	0.262%
3	5.516	576	582	588	rBV	1699989	2353376	37.20%	3.891%
4	6.516	745	752	760	rBV	1658006	2385905	37.72%	3.944%
5	6.898	811	817	823	rVB	424849	546136	8.63%	0.903%
6	7.457	905	912	917	rBV	1074888	1409728	22.29%	2.331%
7	8.175	1029	1034	1042	rBV	513089	652360	10.31%	1.079%
8	9.251	1211	1217	1222	rBV	1697159	2078066	32.85%	3.436%
9	9.928	1325	1332	1336	rBV	462328	609422	9.63%	1.008%
10	9.963	1336	1338	1342	rVV	89289	92107	1.46%	0.152%
11	10.133	1363	1367	1371	rBV	56001	67839	1.07%	0.112%
12	10.475	1421	1425	1430	rVB	180927	226203	3.58%	0.374%
13	10.716	1460	1466	1471	rBV	876729	1090639	17.24%	1.803%
14	11.022	1511	1518	1522	rBV3	37294	66386	1.05%	0.110%
15	11.310	1563	1567	1574	rVB	137659	184332	2.91%	0.305%
16	11.445	1580	1590	1595	rBV2	2517003	3803815	60.13%	6.289%
17	11.492	1595	1598	1602	rVV	454885	570130	9.01%	0.943%
18	11.645	1617	1624	1631	rBV2	214171	319760	5.05%	0.529%
19	11.716	1631	1636	1639	rBV	51452	71532	1.13%	0.118%
20	11.922	1664	1671	1672	rBV	193332	247376	3.91%	0.409%
21	11.945	1672	1675	1679	rVV	329702	419501	6.63%	0.694%
22	11.992	1679	1683	1686	rVV	73909	101309	1.60%	0.167%
23	12.033	1686	1690	1697	rVB2	575416	886738	14.02%	1.466%
24	12.216	1717	1721	1729	rVB2	236449	491945	7.78%	0.813%
25	12.469	1759	1764	1767	rBV2	87158	128044	2.02%	0.212%
26	12.510	1767	1771	1776	rVV2	60326	107902	1.71%	0.178%
27	12.557	1776	1779	1785	rVB2	79777	118998	1.88%	0.197%
28	12.645	1786	1794	1798	rBV	4115311	6325654	100.00%	10.458%
29	12.692	1798	1802	1805	rVB2	52683	78854	1.25%	0.130%
30	12.780	1811	1817	1824	rVB2	166856	278530	4.40%	0.460%
31	12.869	1824	1832	1837	rBV	3531258	6175122	97.62%	10.209%
32	12.910	1837	1839	1844	rVB2	148719	165814	2.62%	0.274%
33	13.004	1846	1855	1861	rVB2	1174161	1812162	28.65%	2.996%
34	13.074	1861	1867	1871	rBV3	213646	432697	6.84%	0.715%
35	13.186	1876	1886	1891	rBV	573035	981640	15.52%	1.623%
36	13.257	1893	1898	1901	rVV	551453	717877	11.35%	1.187%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-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	13.292	1901	1904	1911	rVV2	282871	410741	6.49%	0.679%
38	13.380	1916	1919	1922	rVV	97936	131228	2.07%	0.217%
39	13.416	1922	1925	1934	rVB3	128607	212114	3.35%	0.351%
40	13.586	1947	1954	1961	rBV6	88186	264556	4.18%	0.437%
41	13.692	1965	1972	1978	rVB2	146931	323278	5.11%	0.534%
42	13.804	1986	1991	1994	rBV3	333495	533623	8.44%	0.882%
43	13.839	1994	1997	1998	rVV	332779	413331	6.53%	0.683%
44	13.863	1998	2001	2004	rVV2	368779	590928	9.34%	0.977%
45	13.898	2004	2007	2013	rVB2	232654	368468	5.82%	0.609%
46	13.974	2014	2020	2024	rBV2	182711	315892	4.99%	0.522%
47	14.057	2027	2034	2037	rVV2	2157220	3714076	58.71%	6.140%
48	14.092	2037	2040	2046	rVV	1964291	2612287	41.30%	4.319%
49	14.168	2048	2053	2056	rVV	409396	554884	8.77%	0.917%
50	14.198	2056	2058	2062	rVV2	127003	167250	2.64%	0.277%
51	14.245	2063	2066	2068	rVV2	95571	125195	1.98%	0.207%
52	14.274	2068	2071	2076	rVB2	166496	247633	3.91%	0.409%
53	14.445	2096	2100	2103	rVV	199765	310084	4.90%	0.513%
54	14.480	2103	2106	2109	rVV3	153933	194834	3.08%	0.322%
55	14.539	2112	2116	2118	rVV2	227302	331710	5.24%	0.548%
56	14.586	2118	2124	2128	rVV4	263111	587515	9.29%	0.971%
57	14.633	2128	2132	2138	rVB4	91633	201324	3.18%	0.333%
58	15.115	2207	2214	2223	rBV	1306304	3334268	52.71%	5.512%
59	15.215	2224	2231	2236	rVB2	243278	471802	7.46%	0.780%
60	15.310	2243	2247	2253	rBV3	47222	124352	1.97%	0.206%
61	15.415	2260	2265	2271	rVB	670871	1044481	16.51%	1.727%
62	15.480	2271	2276	2282	rVV	1032796	1655291	26.17%	2.737%
63	15.539	2282	2286	2288	rVV	220385	319592	5.05%	0.528%
64	15.568	2288	2291	2298	rVB	309230	507295	8.02%	0.839%
65	15.710	2312	2315	2320	rBV4	35300	66205	1.05%	0.109%
66	16.098	2378	2381	2392	rVB	85146	150600	2.38%	0.249%
67	16.845	2501	2508	2515	rVB2	86836	228277	3.61%	0.377%
68	17.027	2531	2539	2546	rVB2	456820	1028675	16.26%	1.701%
69	17.098	2547	2551	2559	rVB2	42689	85589	1.35%	0.141%
70	17.198	2561	2568	2573	rBV	80976	188819	2.98%	0.312%
71	17.262	2574	2579	2584	rBV	64644	134119	2.12%	0.222%
72	17.474	2606	2615	2630	rVB	338692	833810	13.18%	1.378%
73	17.704	2648	2654	2671	rVB	117501	305397	4.83%	0.505%

Sum of corrected areas: 60487513

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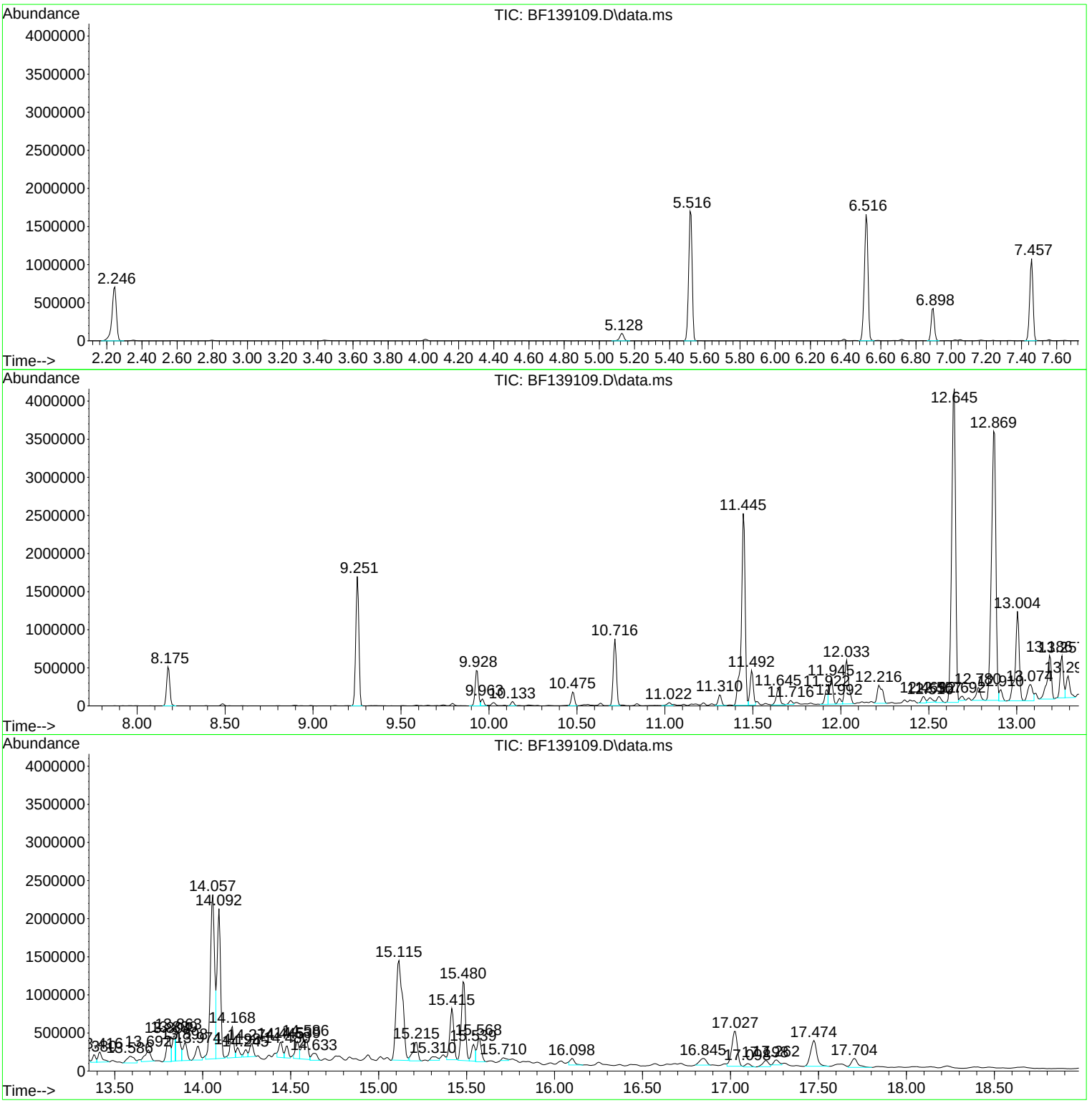
BNA_F
ClientSampleId :
915-J-SD-0.5-1-081624

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 : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

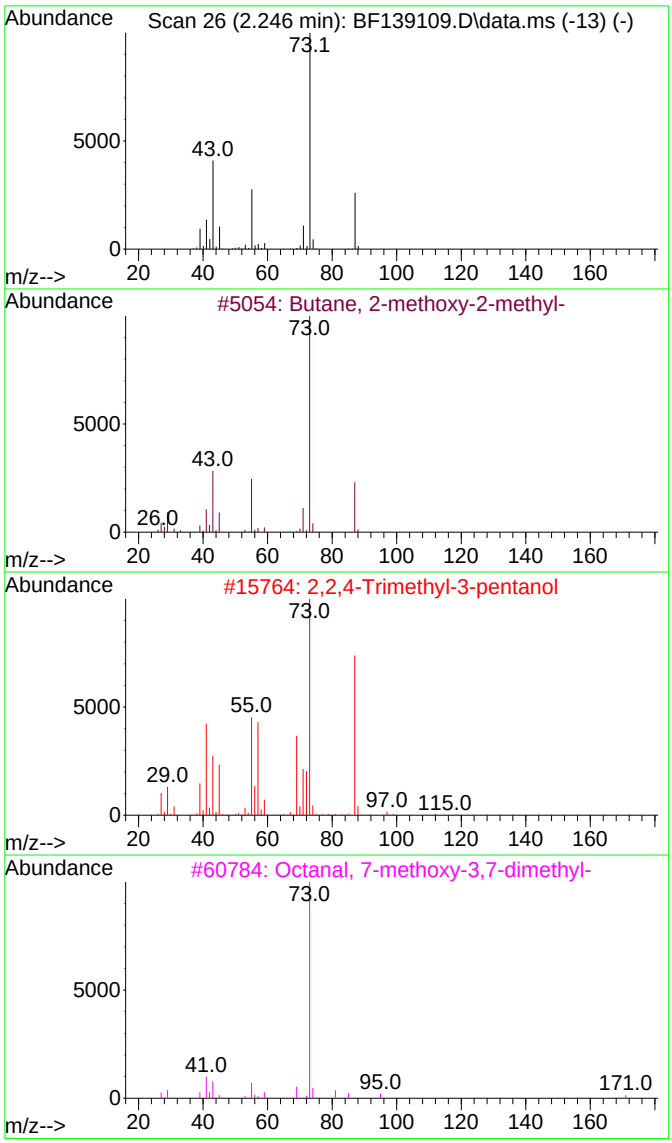
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

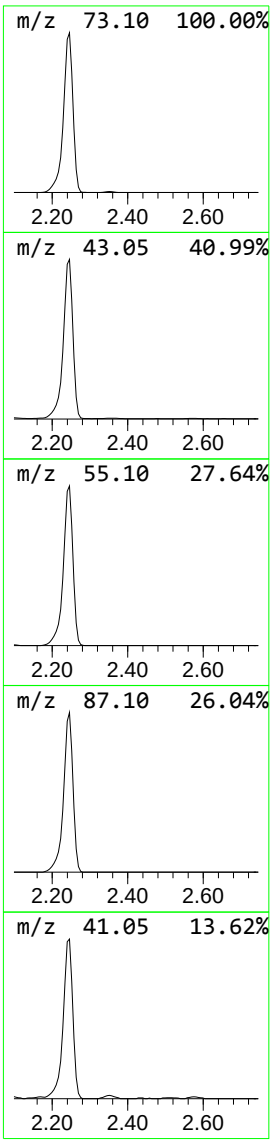
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	45.47 ng	1241510	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	39
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-0.5-1-081624

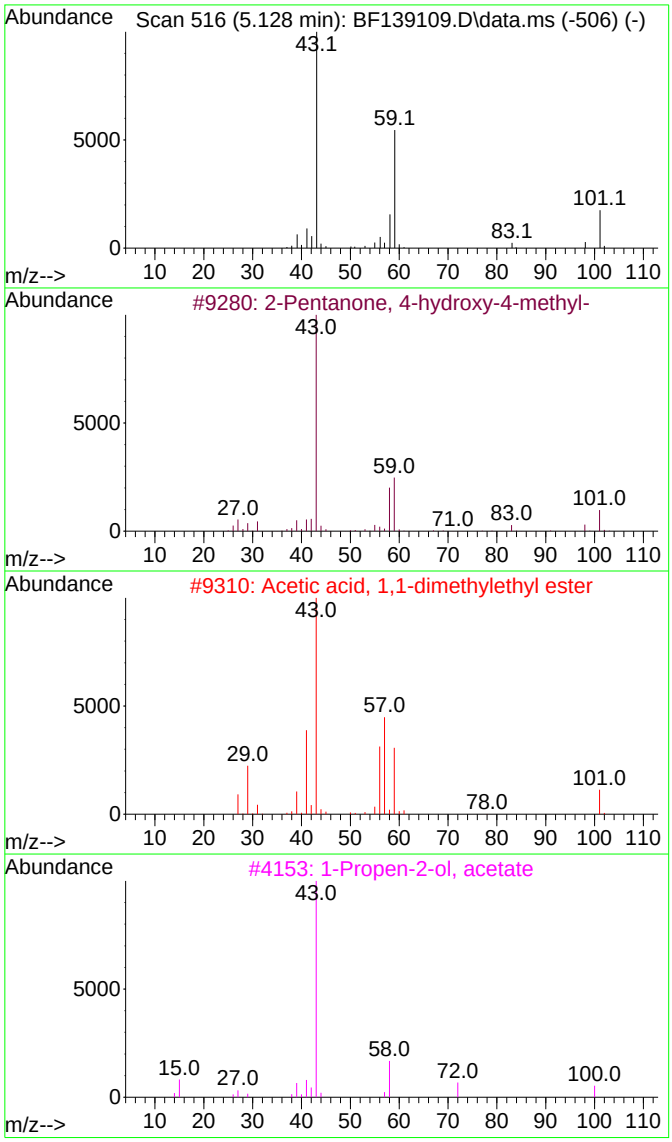
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

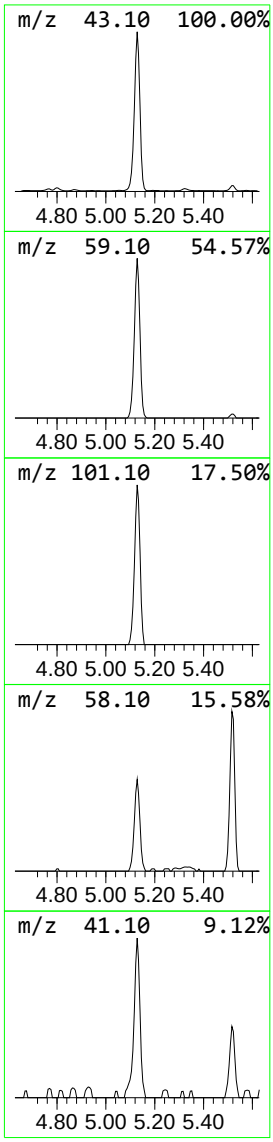
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	5.81 ng	158585	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	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-0.5-1-081624

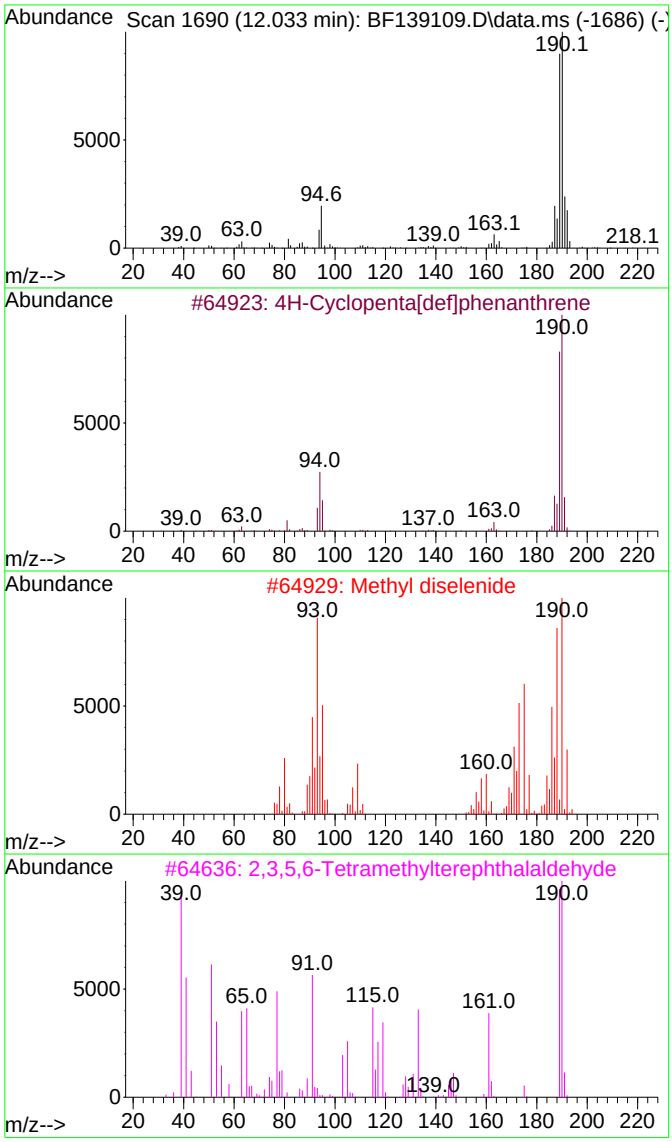
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

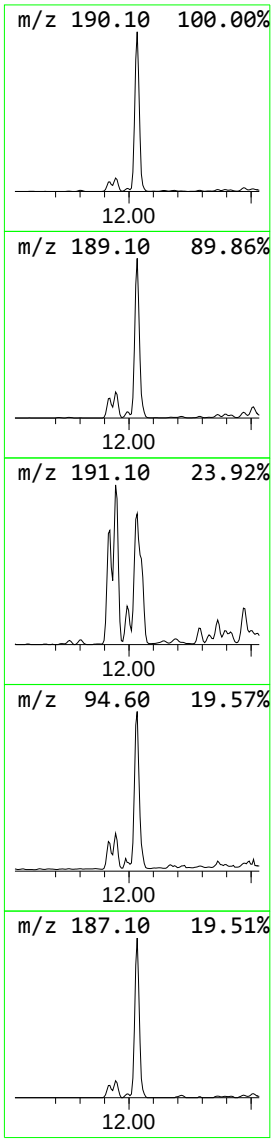
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	4.66 ng	886738	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
915-J-SD-0.5-1-081624

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

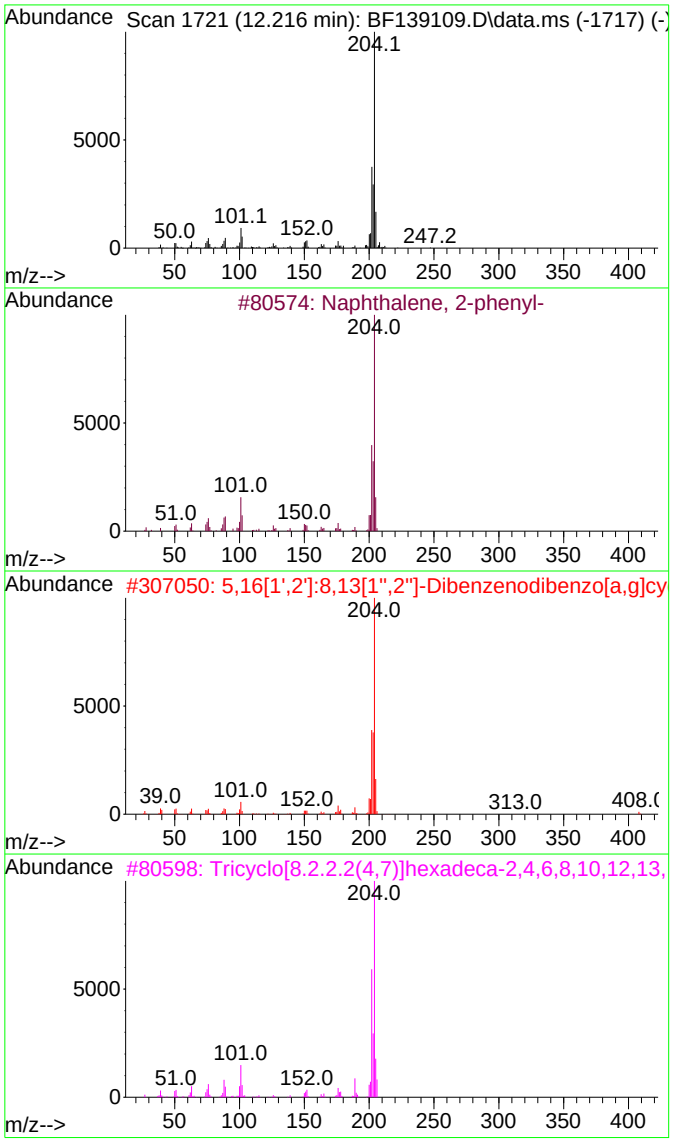
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

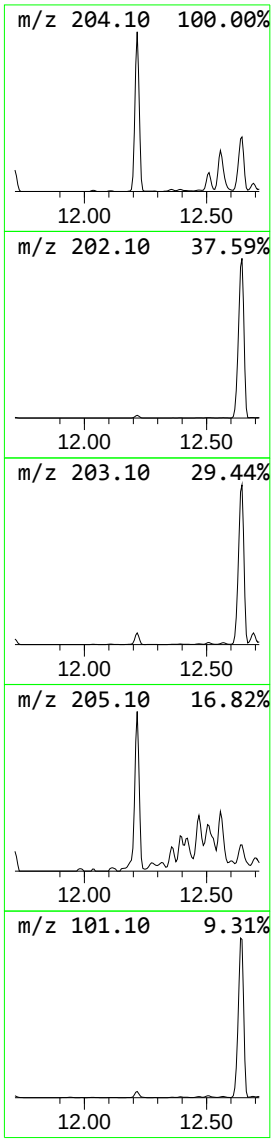
****

Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.59 ng	491945	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
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Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-0.5-1-081624

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

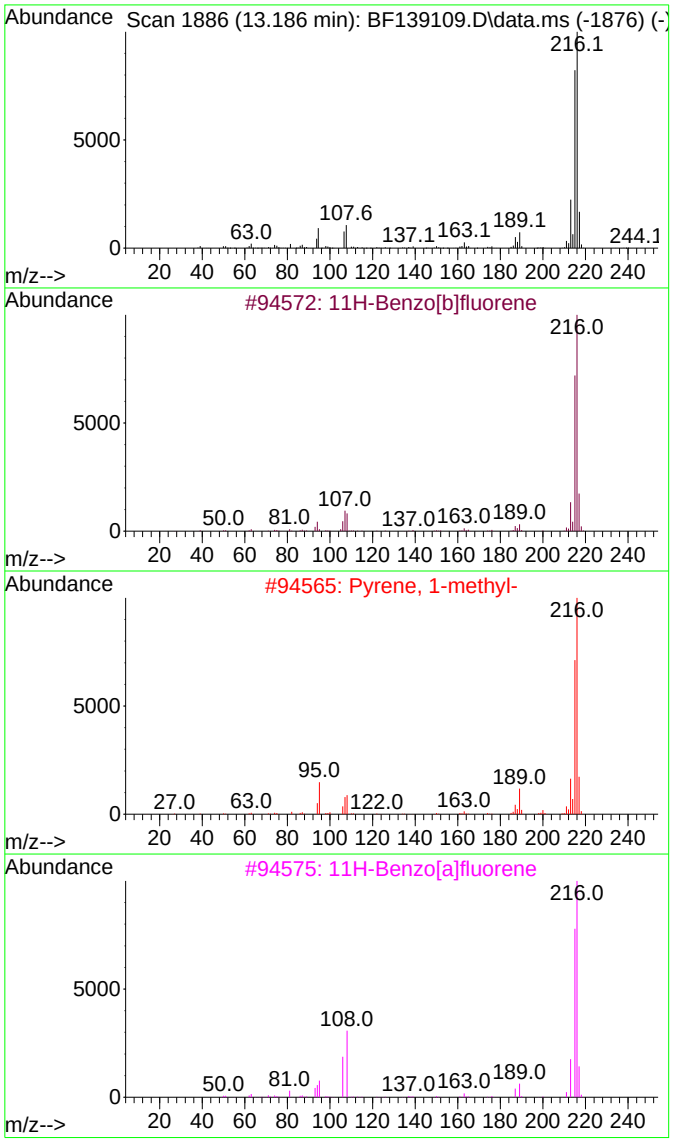
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

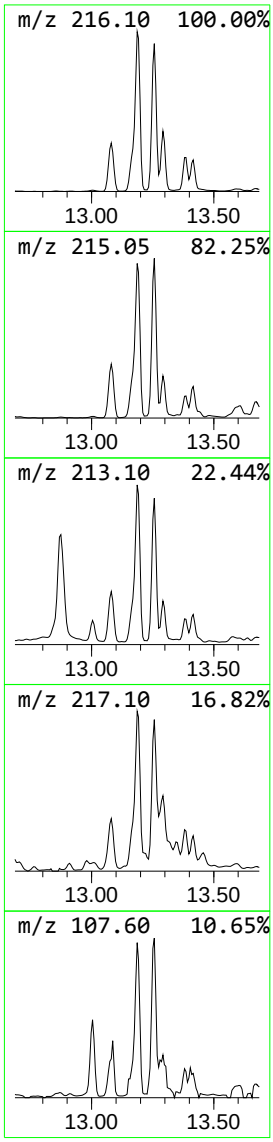
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	5.29 ng	981640	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
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Acq On : 21 Aug 2024 18:50
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Sample : P3663-10
Misc :
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Instrument :
BNA_F
ClientSampleId :
915-J-SD-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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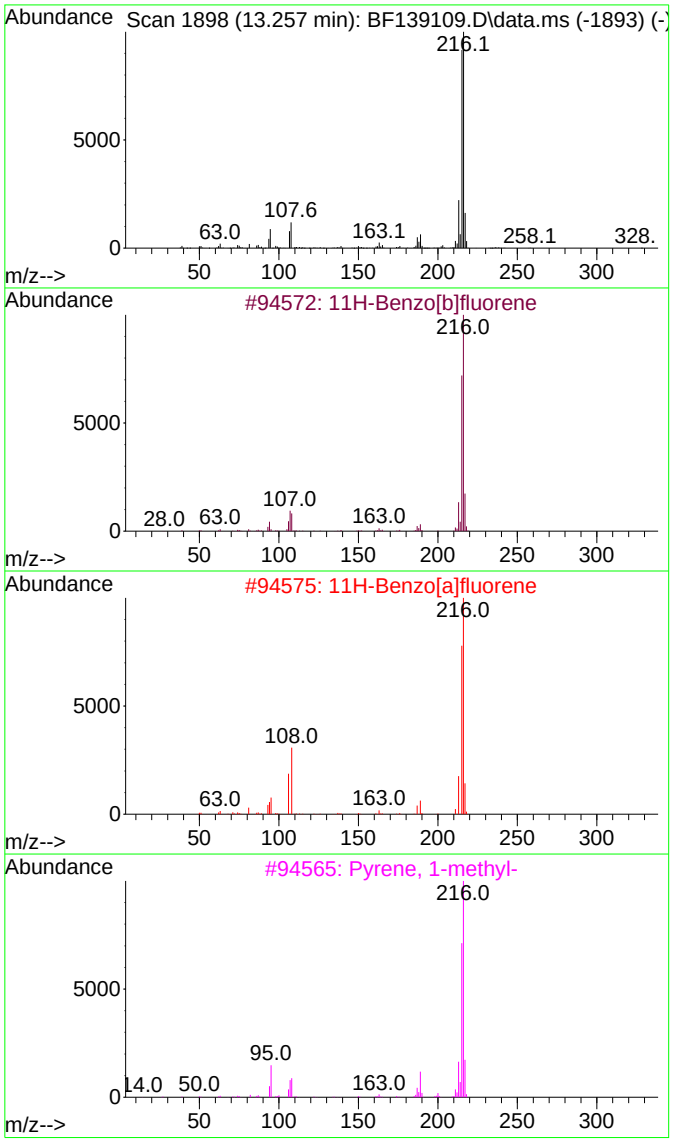
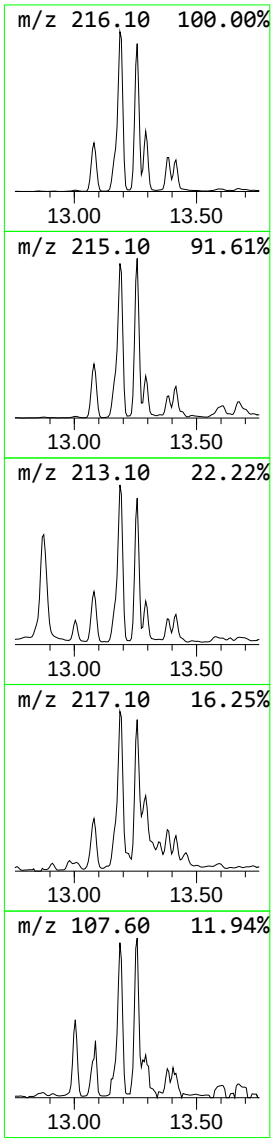
Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	3.87 ng	717877	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-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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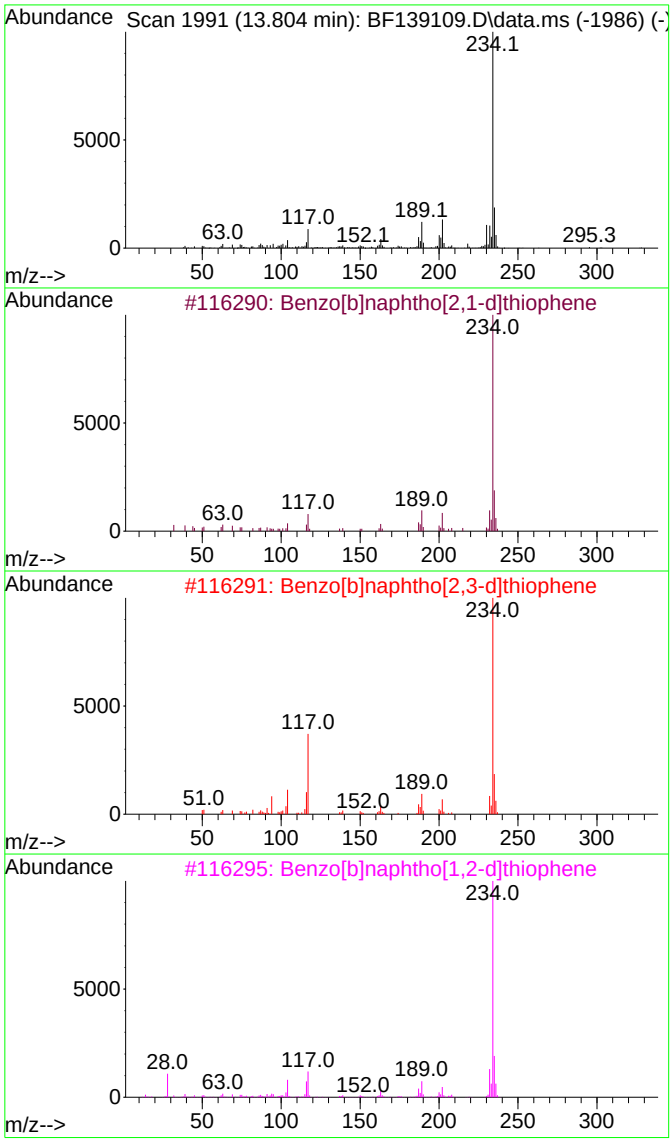
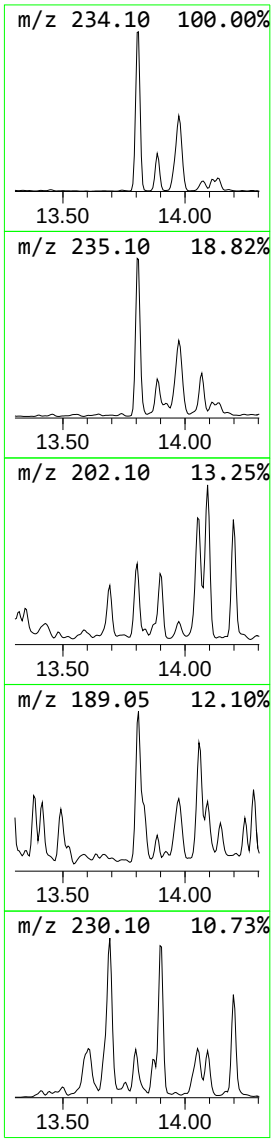
Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.87 ng	533623	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
4	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	58
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53





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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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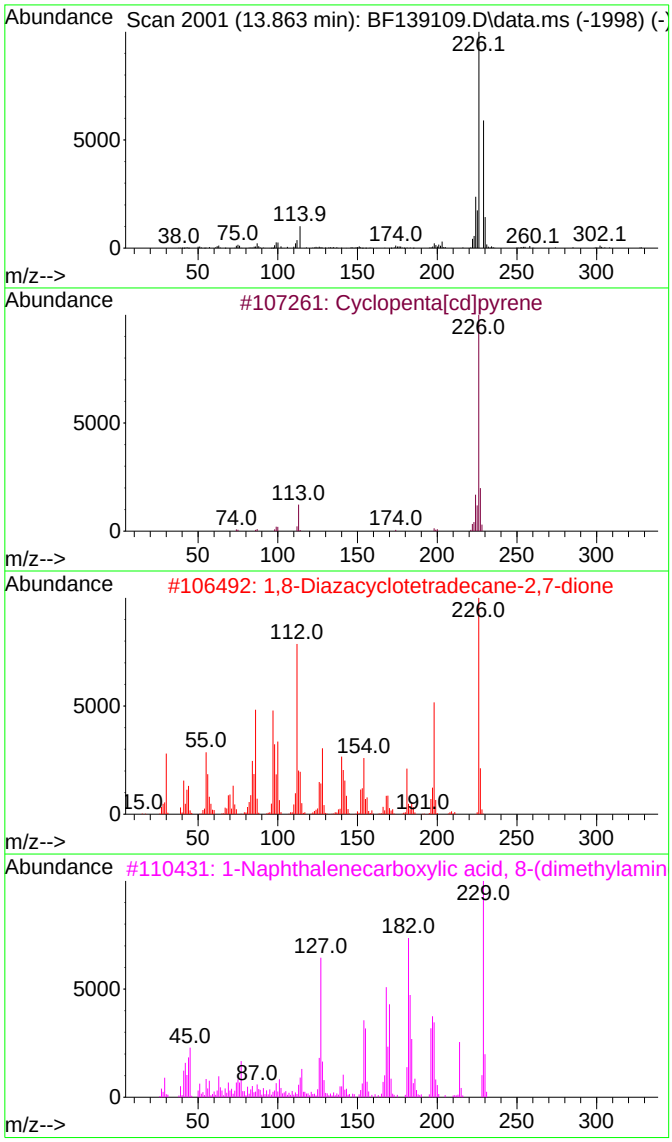
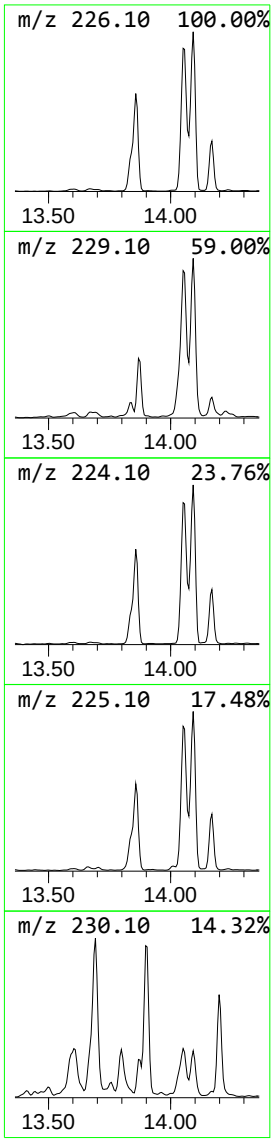
Peak Number 8 unknown13.863 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	3.18 ng	590928	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	25
3	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	14
4	Benzo(a)acridine	229	C17H11N	000225-11-6	14
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	14





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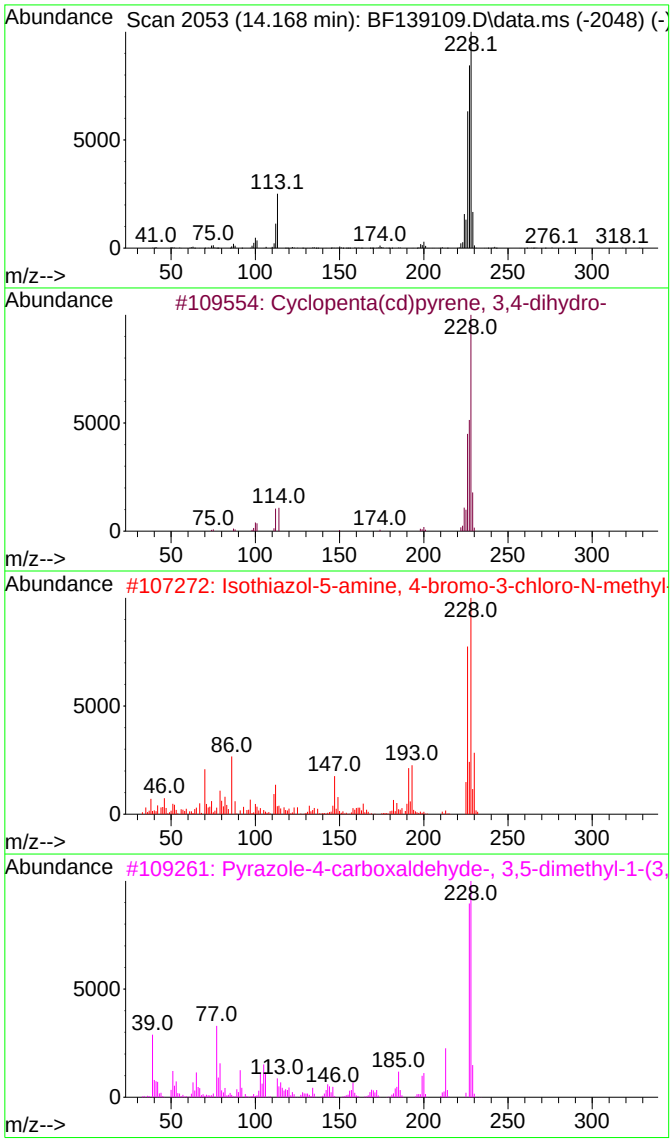
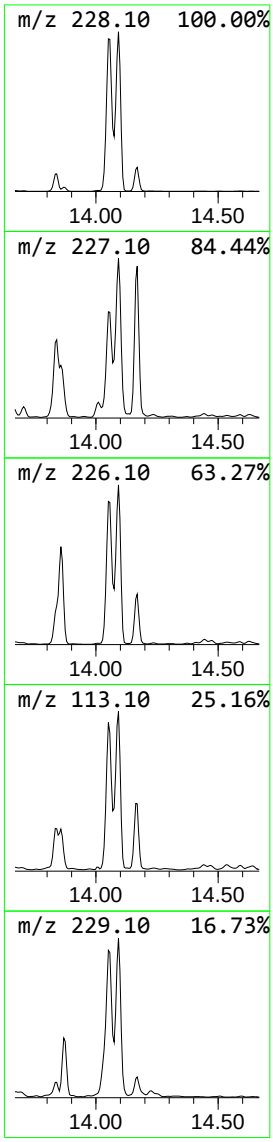
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	2.99 ng	554884	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50





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TIC Library : C:\Database\NIST20.L
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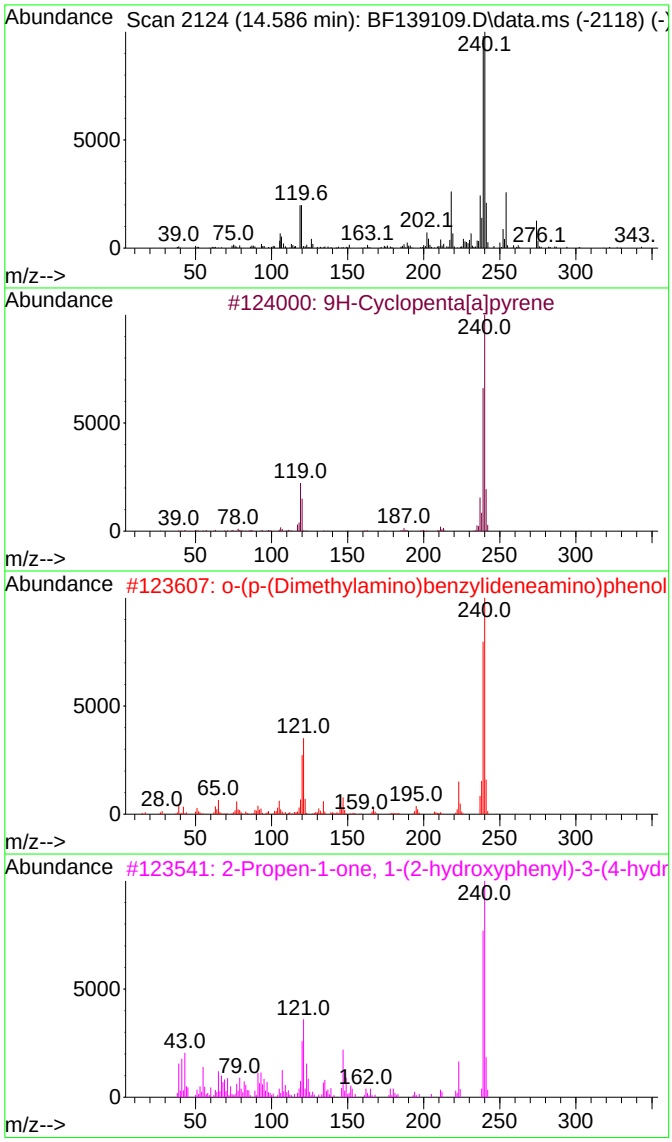
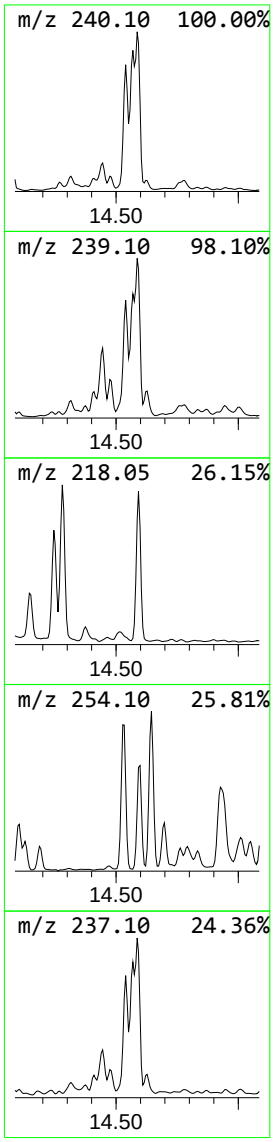
Peak Number 10 9H-Cyclopenta[a]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	3.16 ng	587515	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	60
2	o-(p-(Dimethylamino)benzylidenea...	240	C15H16N2O	023837-35-6	50
3	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	47
4	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	38
5	9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	38





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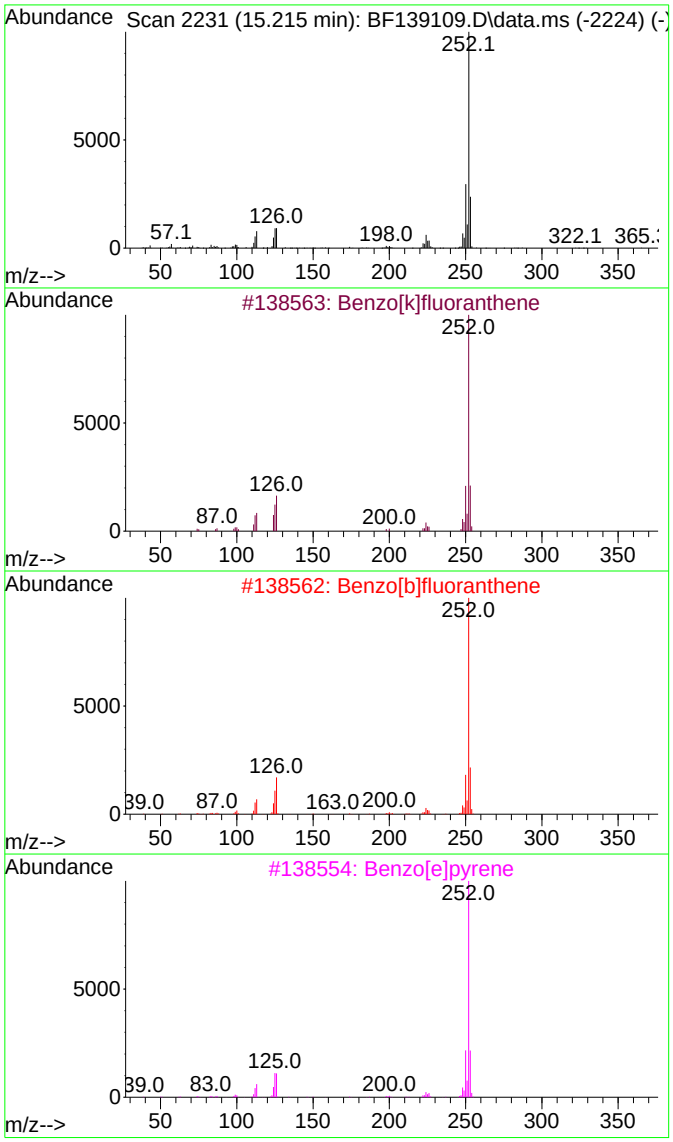
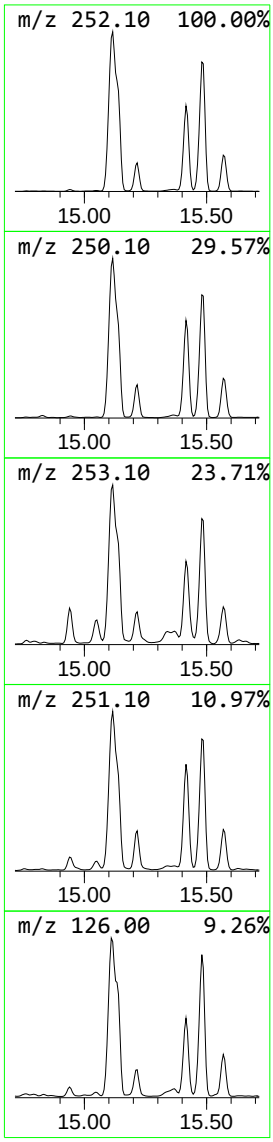
Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	29.53 ng	471802	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	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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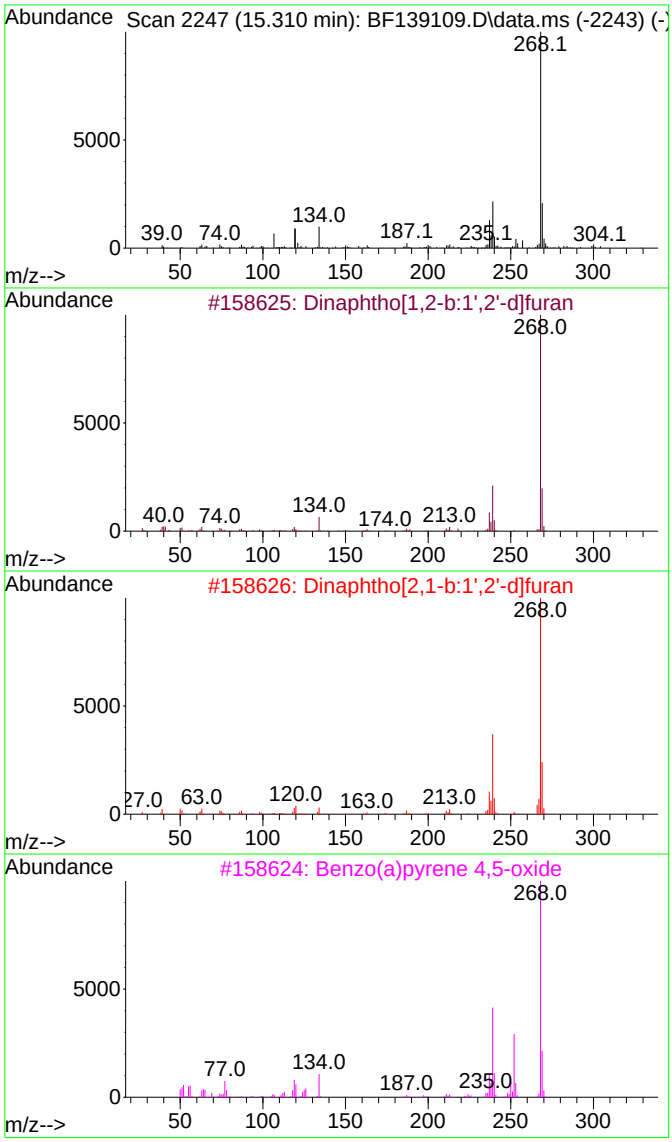
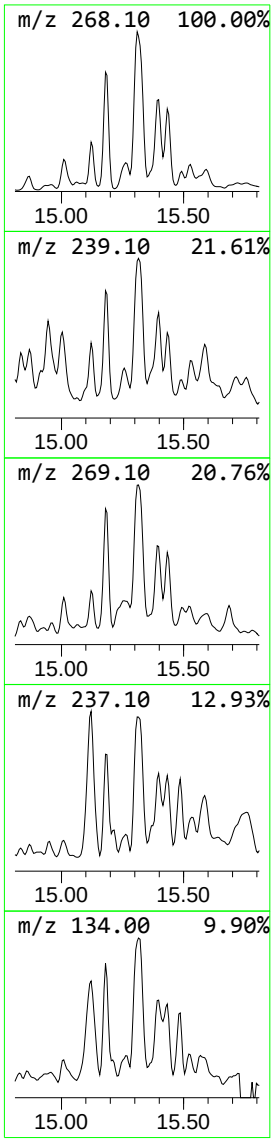
Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	7.78 ng	124352	Perylene-d12	15.539

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	87
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	86
4	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	64
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	64





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TIC Library : C:\Database\NIST20.L
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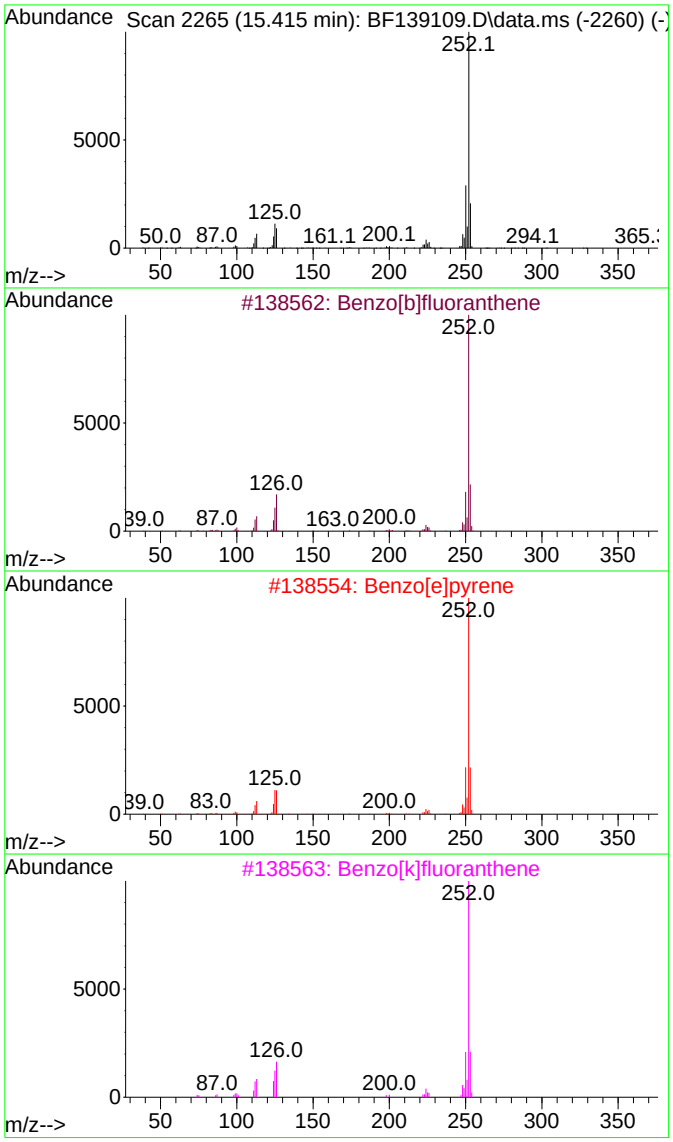
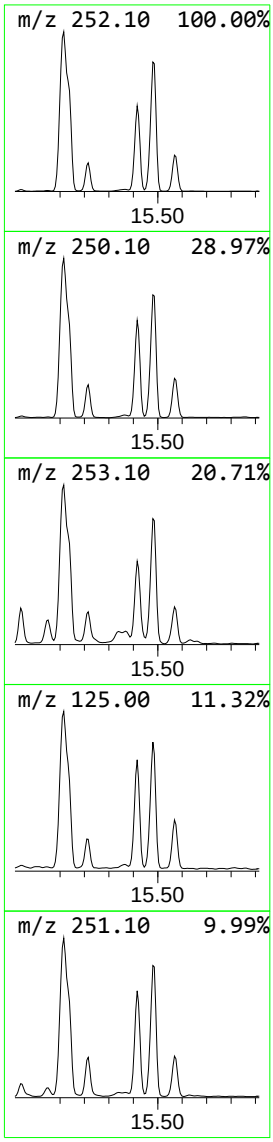
Peak Number 13 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	65.36 ng	1044480	Perylene-d12	15.539

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





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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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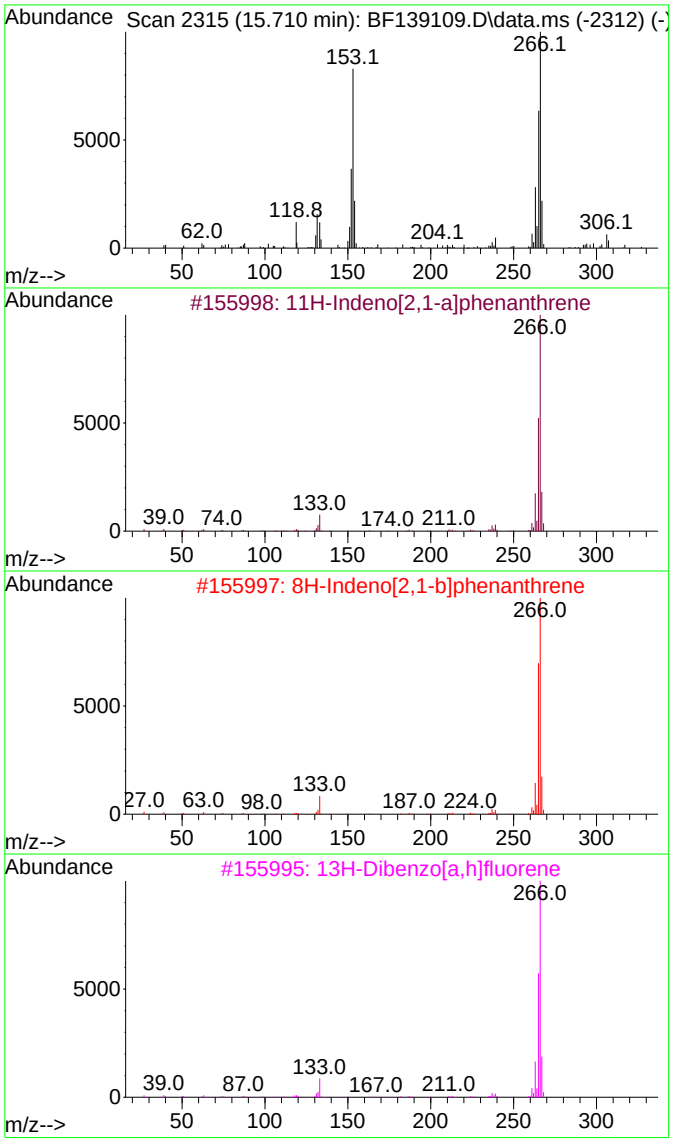
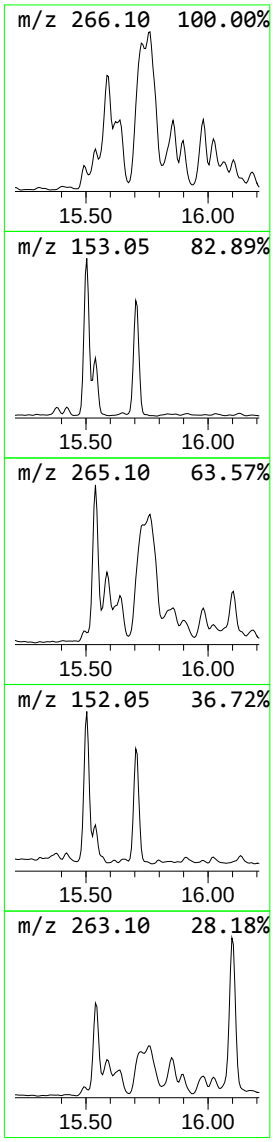
Peak Number 14 11H-Indeno[2,1-a]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	4.14 ng	66205	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	64
2	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	50
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	46
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	42
5	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	38





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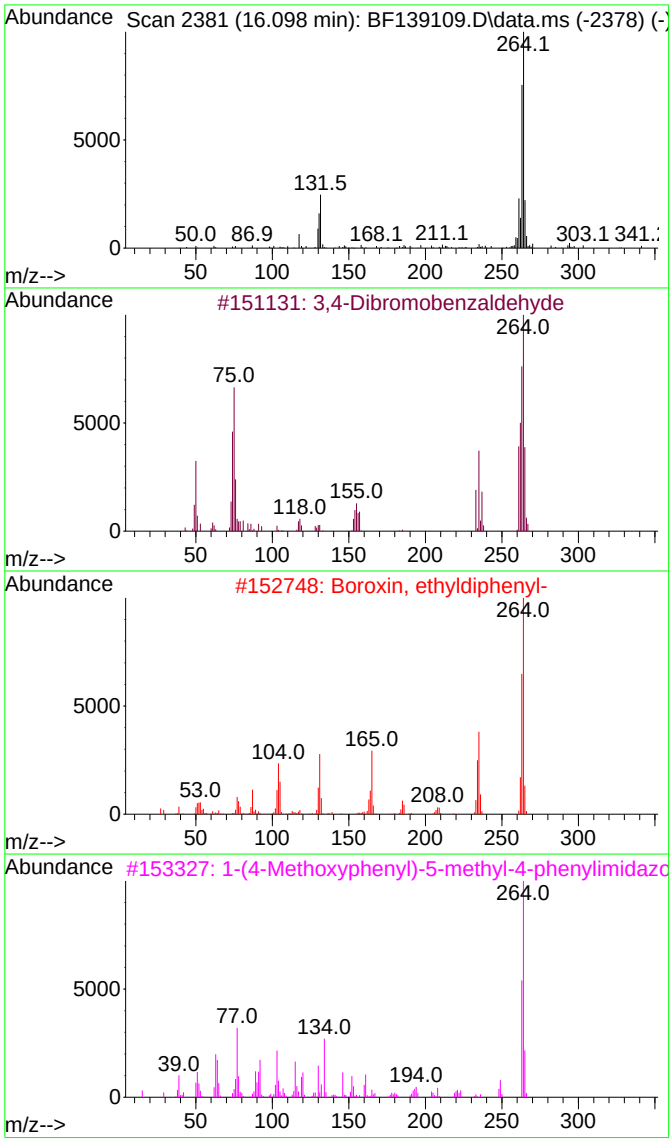
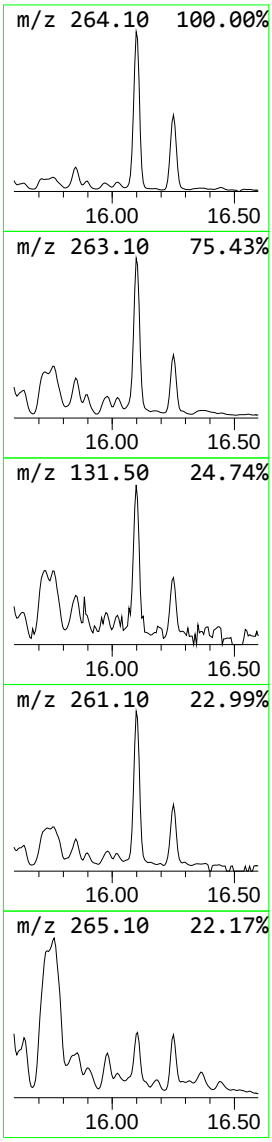
Peak Number 15 3,4-Dibromobenzaldehyde Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	9.42 ng	150600	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
3	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	42
4	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	40
5	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	36





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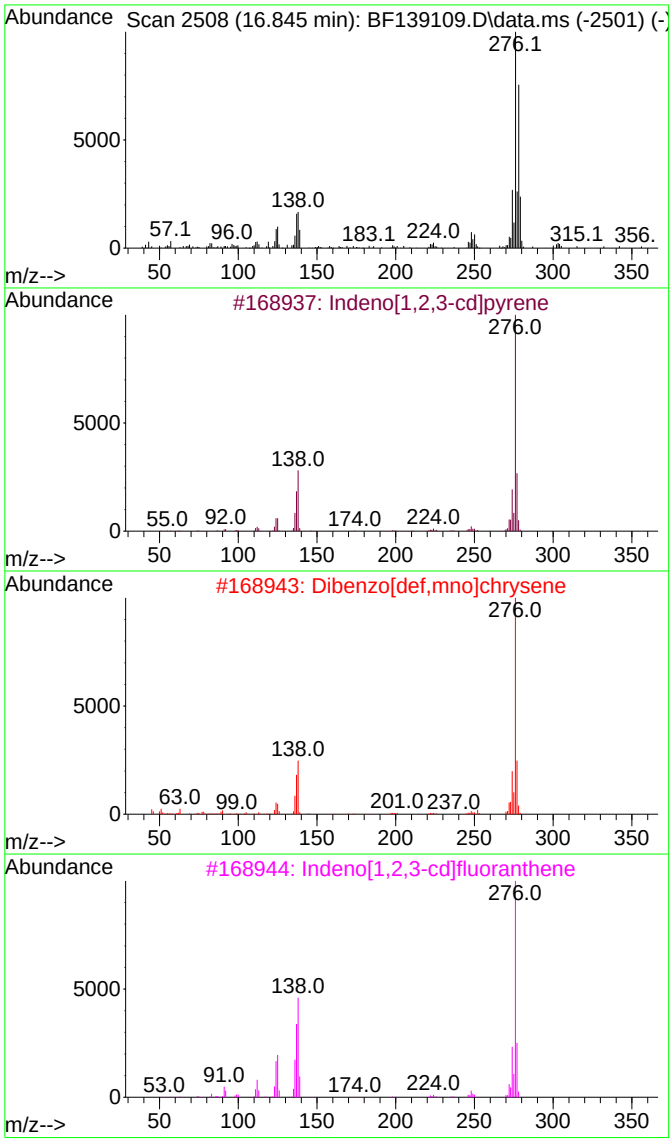
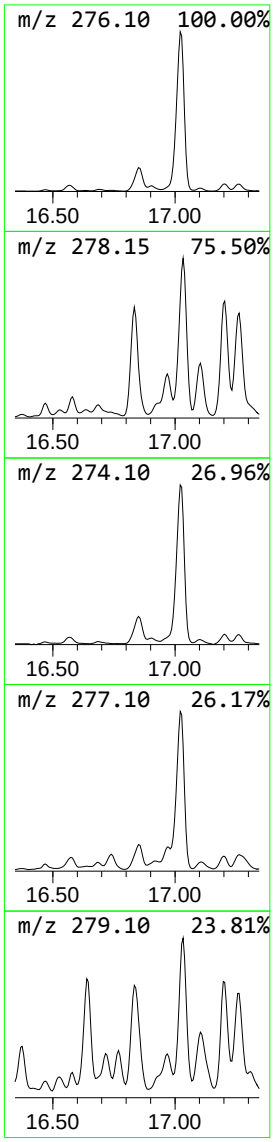
Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	14.29 ng	228277	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	87
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	52
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	46
5	5-Bromo-7-(trifluoromethyl)-1H-i...	278	C9H6BrF3N2	1783954-69-7	43





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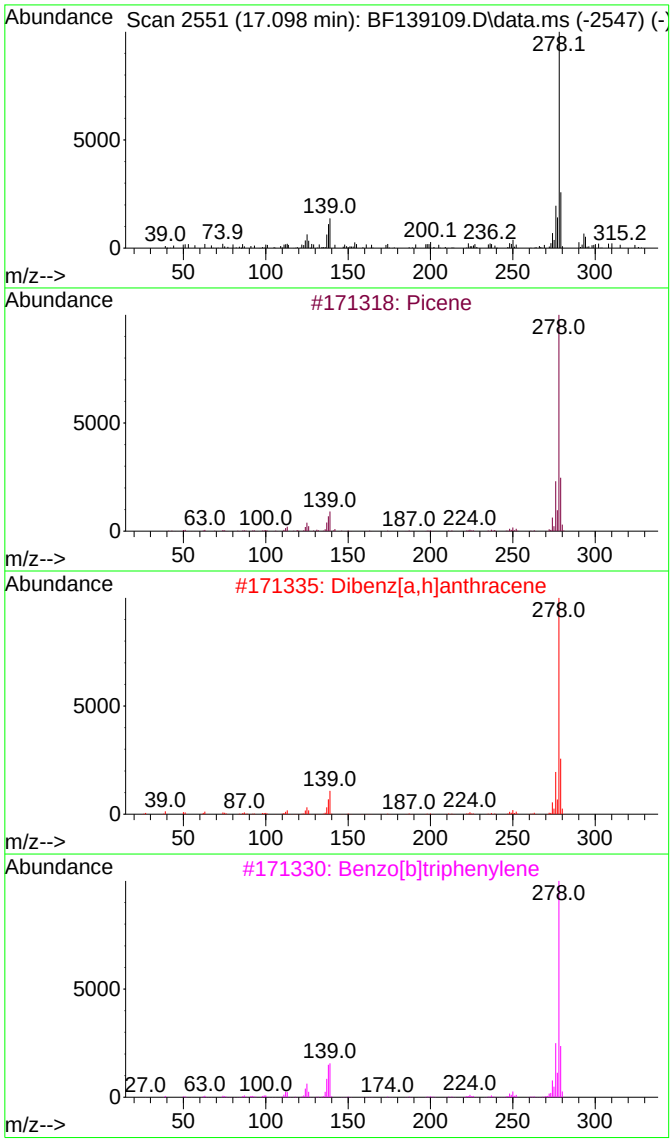
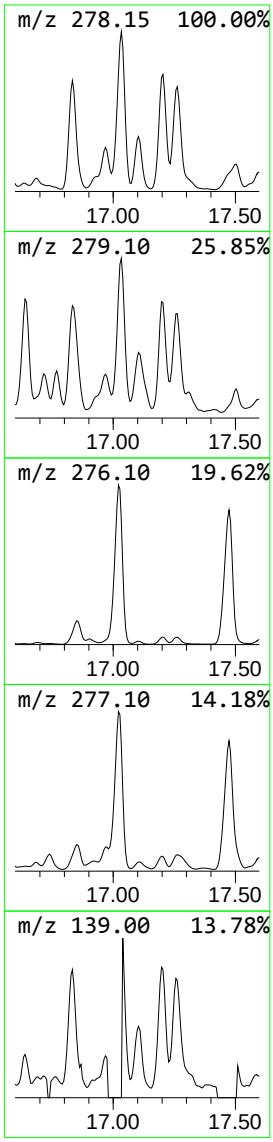
Peak Number 17 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	5.36 ng	85589	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	94
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Benzo[b]chrysene	278	C22H14	000214-17-5	89
5	Pentaphene	278	C22H14	000222-93-5	89





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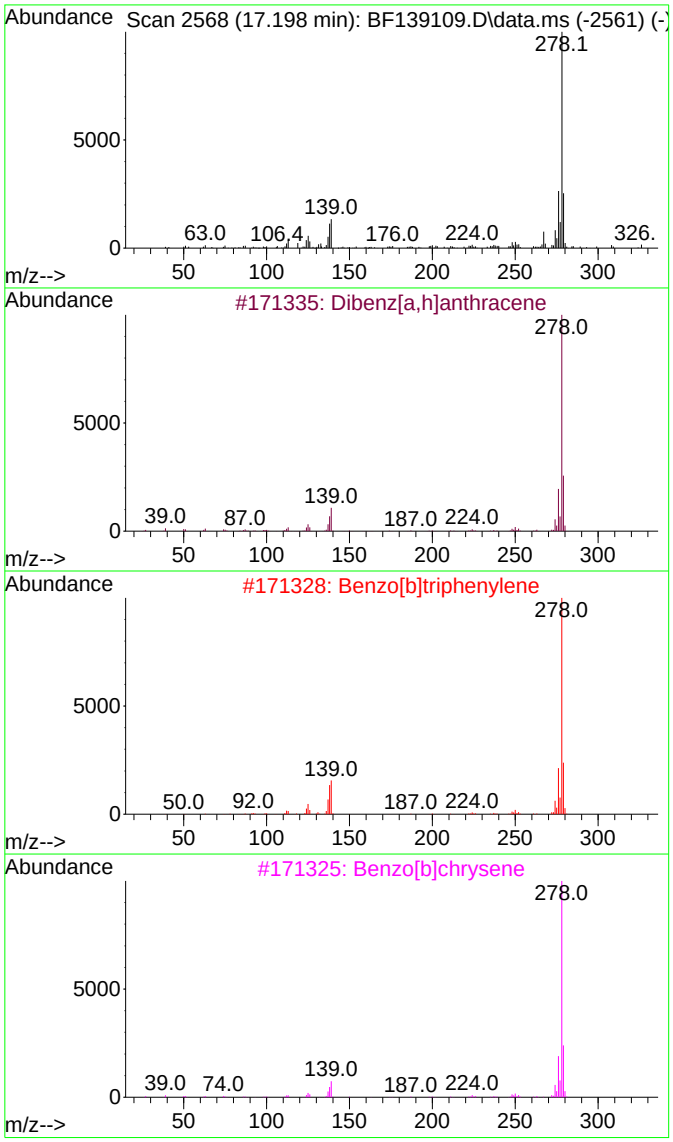
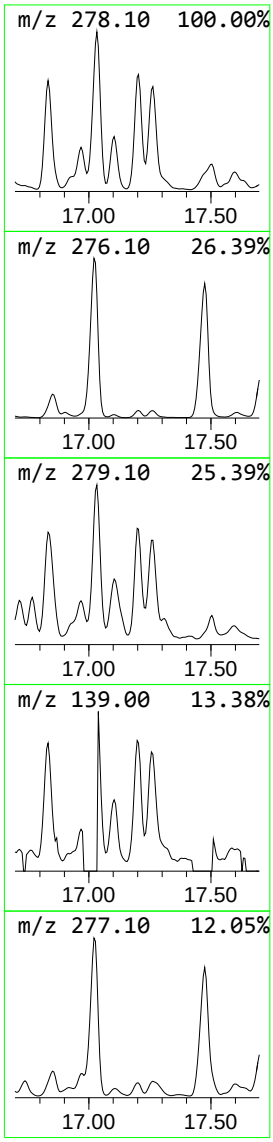
Peak Number 18 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	11.82 ng	188819	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Benzo[b]chrysene	278	C22H14	000214-17-5	96
4	Picene	278	C22H14	000213-46-7	96
5	Pentaphene	278	C22H14	000222-93-5	95





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Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-0.5-1-081624

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

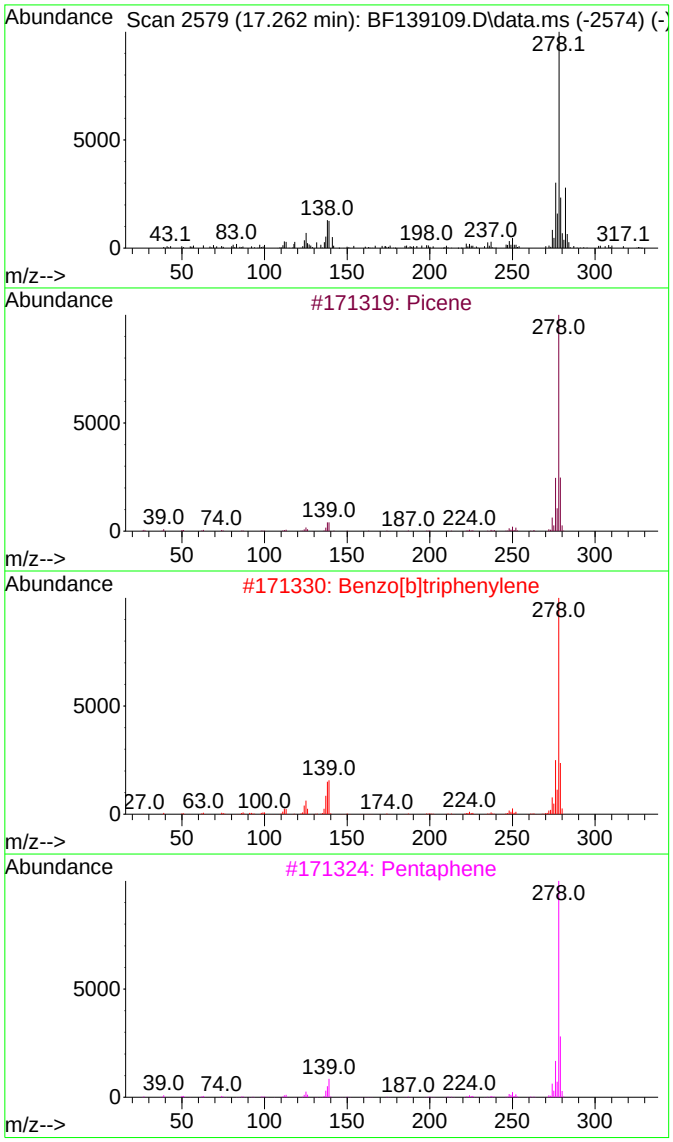
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

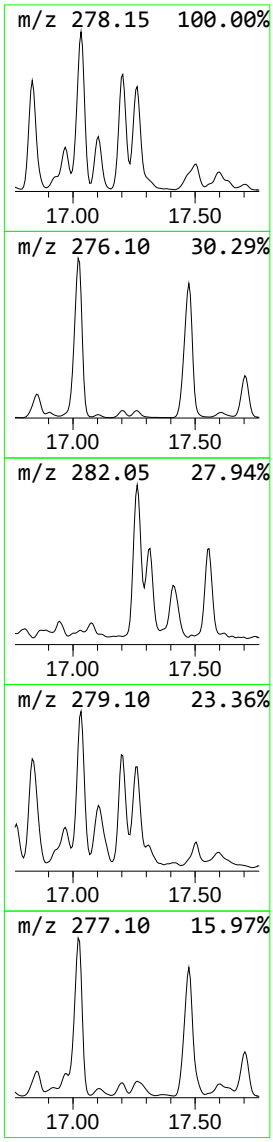
****

Peak Number 19 Pentaphene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.262	8.39 ng	134119	Perylene-d12	15.539

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	Pentaphene	278	C22H14	000222-93-5	91
4	Pentacene	278	C22H14	000135-48-8	83
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-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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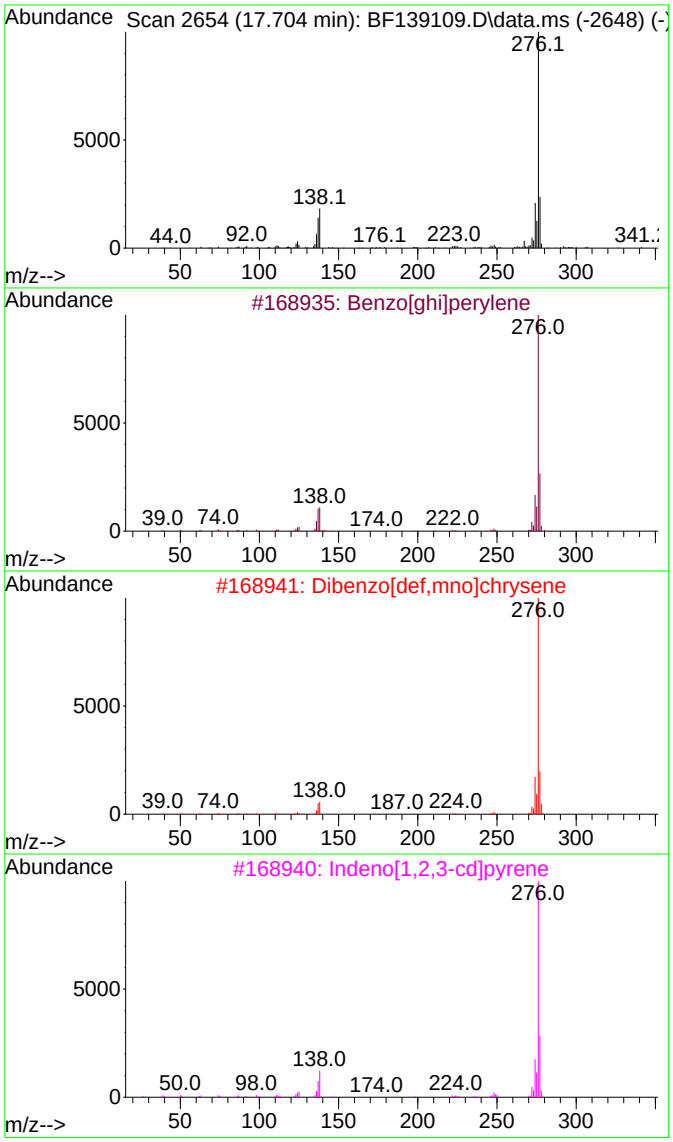
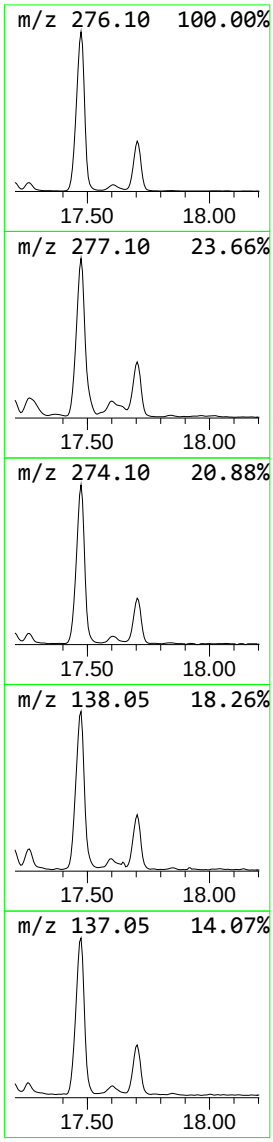
Peak Number 20 Indeno[1,2,3-cd]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.703	19.11 ng	305397	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
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	74
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139109.D
Acq On : 21 Aug 2024 18:50
Operator : RC/JU
Sample : P3663-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
915-J-SD-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...	2.246	45.5	ng	1241510	1	6.898	546136	20.0
2-Pentanone, 4-...	5.128	5.8	ng	158585	1	6.898	546136	20.0
4H-Cyclopenta[d...	12.033	4.7	ng	886738	4	11.422	3803820	20.0
Naphthalene, 2-...	12.216	2.6	ng	491945	4	11.422	3803820	20.0
11H-Benzo[b]flu...	13.186	5.3	ng	981640	5	14.063	3714080	20.0
11H-Benzo[a]flu...	13.257	3.9	ng	717877	5	14.063	3714080	20.0
Benzo[b]naphtho...	13.804	2.9	ng	533623	5	14.063	3714080	20.0
unknown13.863	13.863	3.2	ng	590928	5	14.063	3714080	20.0
Cyclopenta(cd)p...	14.169	3.0	ng	554884	5	14.063	3714080	20.0
9H-Cyclopenta[a...	14.586	3.2	ng	587515	5	14.063	3714080	20.0
Benzo[e]pyrene	15.216	29.5	ng	471802	6	15.539	319592	20.0
Dinaphtho[1,2-b...	15.310	7.8	ng	124352	6	15.539	319592	20.0
Perylene	15.416	65.4	ng	1044480	6	15.539	319592	20.0
11H-Indeno[2,1-...	15.710	4.1	ng	66205	6	15.539	319592	20.0
3,4-Dibromobenz...	16.098	9.4	ng	150600	6	15.539	319592	20.0
Dibenzo[def,mno...	16.845	14.3	ng	228277	6	15.539	319592	20.0
Picene	17.098	5.4	ng	85589	6	15.539	319592	20.0
Benzo[b]triphen...	17.198	11.8	ng	188819	6	15.539	319592	20.0
Pentaphene	17.262	8.4	ng	134119	6	15.539	319592	20.0
Indeno[1,2,3-cd...	17.703	19.1	ng	305397	6	15.539	319592	20.0