

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027936.D
 Acq On : 28 Sep 2023 21:18
 Operator : MA/JU
 Sample : 04480-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJ07

Quant Time: Sep 29 04:00:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

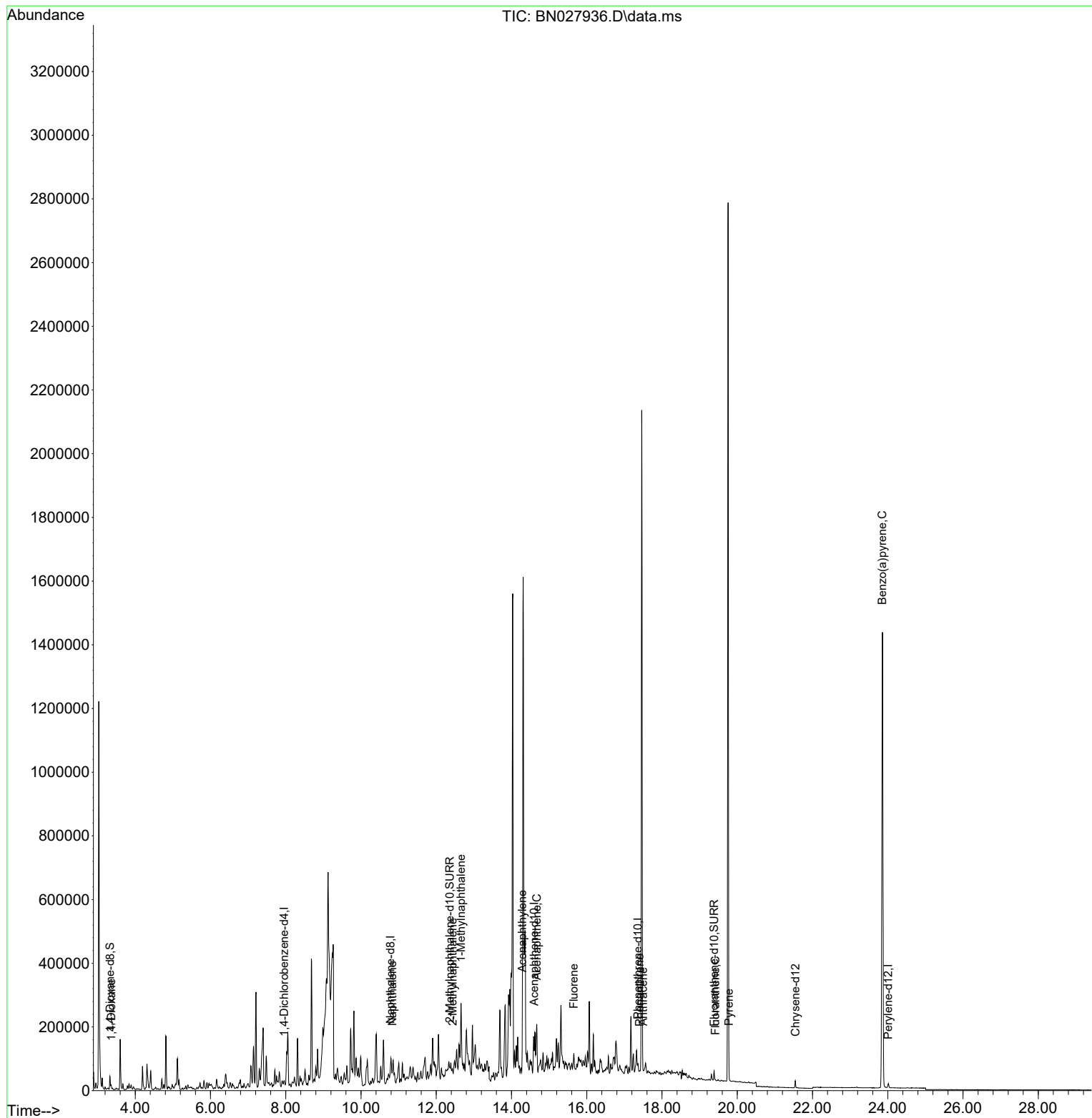
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3796	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.779	136	14461	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	48147	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.359	188	23673	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	19445	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	17941	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	26015	5.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	15103	0.689	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	35624	0.600	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	1379	0.277	ng/ul#	1
5) Naphthalene	10.834	128	29914	0.724	ng/ul#	45
7) 2-Methylnaphthalene	12.434	142	3027	0.115	ng/ul#	4
8) 1-Methylnaphthalene	12.654	142	43641	1.613	ng/ul#	70
10) Acenaphthylene	14.287	152	32408	0.154	ng/ul#	50
11) Acenaphthene	14.671	153	15632	0.086	ng/ul	88
12) Fluorene	15.656	166	32309	0.151	ng/ul#	89
15) Phenanthrene	17.401	178	2826	0.038	ng/ul#	1
16) Anthracene	17.498	178	1615	0.026	ng/ul#	1
19) Fluoranthene	19.413	202	3297	0.042	ng/ul#	12
20) Pyrene	19.780	202	3928	0.048	ng/ul#	47
26) Benzo(a)pyrene	23.854	252	7521	0.117	ng/ul#	35

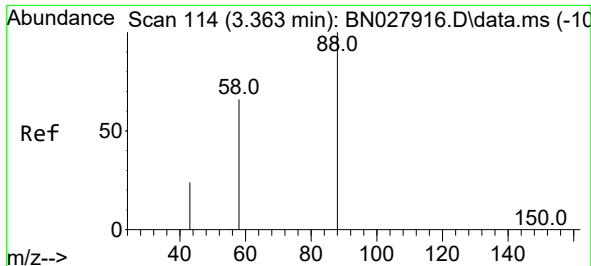
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 04:00:36 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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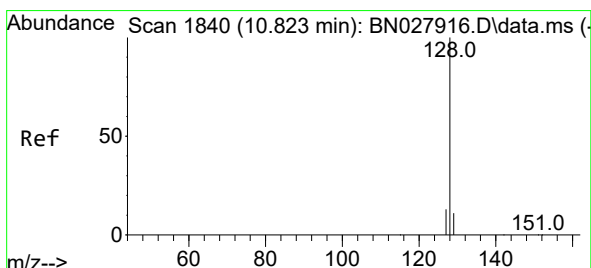
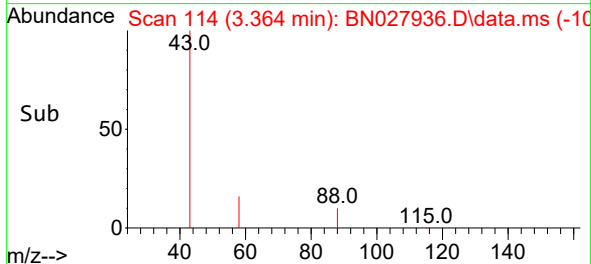
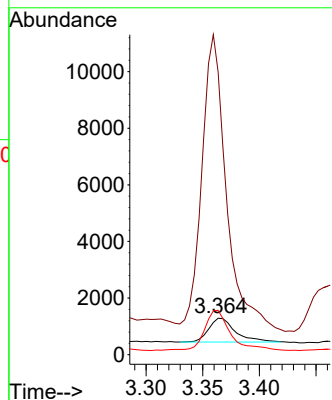
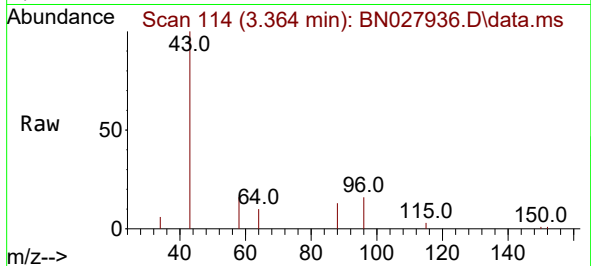




#2
1,4-Dioxane
Concen: 0.277 ng/ul
RT: 3.364 min Scan# 114
Delta R.T. -0.004 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

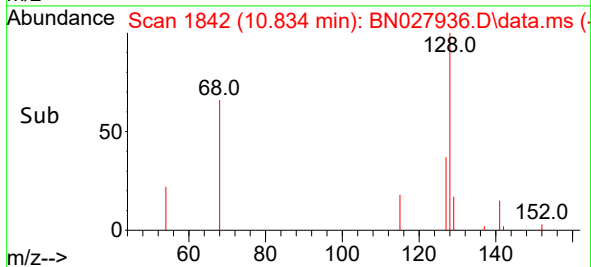
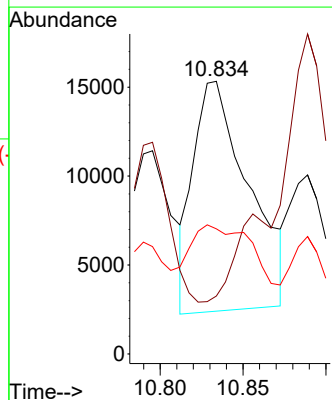
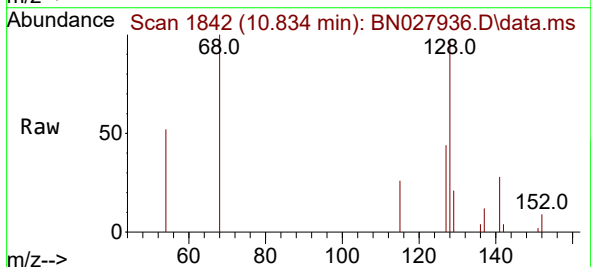
Instrument :
BNA_N
ClientSampleId :
BBJ07

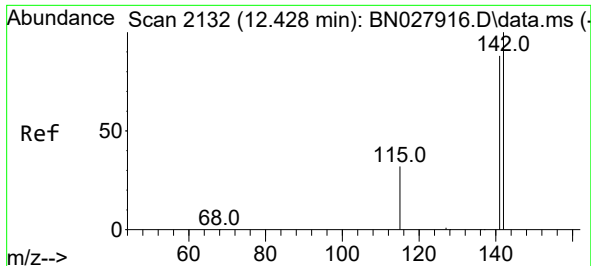
Tgt Ion: 88 Resp: 1379
Ion Ratio Lower Upper
88 100
43 775.5 39.6 59.4#
58 121.4 48.3 72.5#



#5
Naphthalene
Concen: 0.724 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:128 Resp: 29914
Ion Ratio Lower Upper
128 100
129 21.2 9.3 13.9#
127 45.9 10.7 16.1#

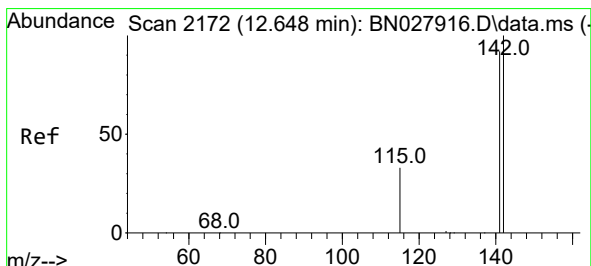
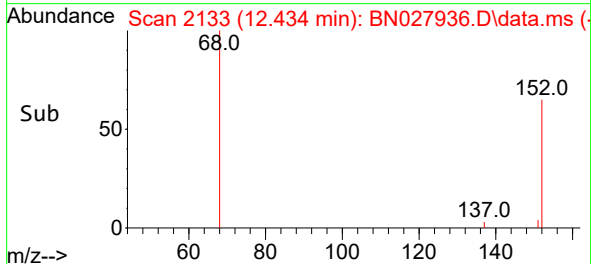
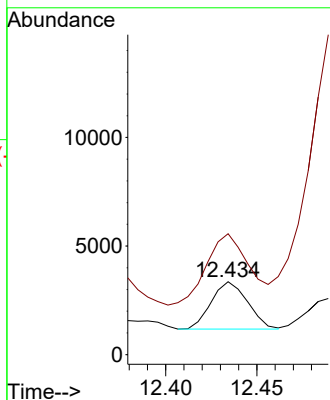
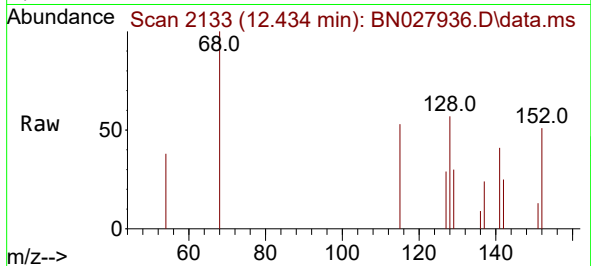




#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.434 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

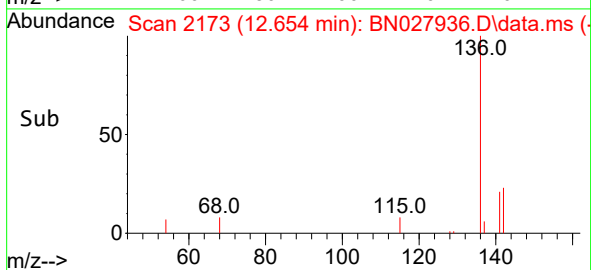
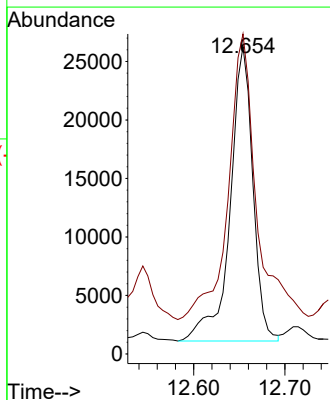
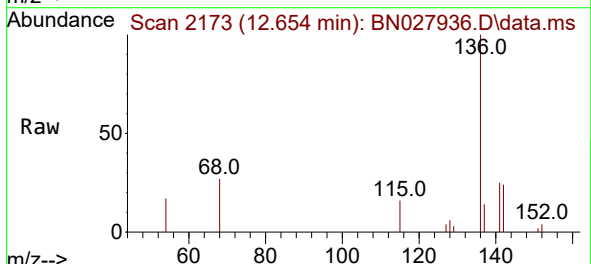
Instrument :
BNA_N
ClientSampleId :
BBJ07

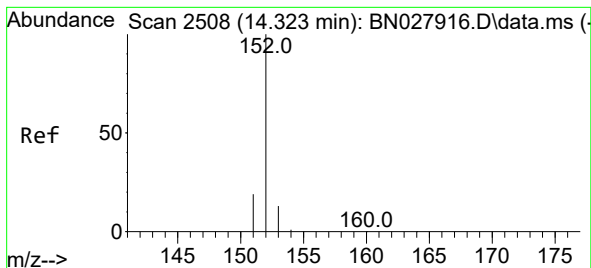
Tgt Ion:142 Resp: 3027
Ion Ratio Lower Upper
142 100
141 178.6 71.1 106.7#



#8
1-Methylnaphthalene
Concen: 1.613 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:142 Resp: 43641
Ion Ratio Lower Upper
142 100
141 119.5 72.8 109.2#





#10

Acenaphthylene

Concen: 0.154 ng/ul

RT: 14.287 min Scan# 2508

Delta R.T. -0.046 min

Lab File: BN027936.D

Acq: 28 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

BBJ07

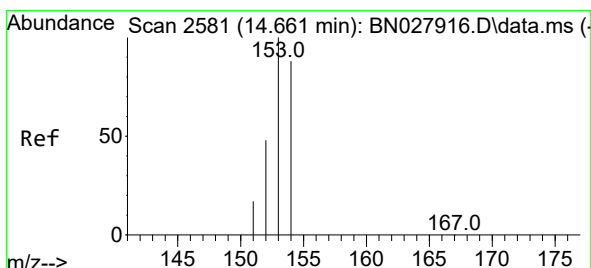
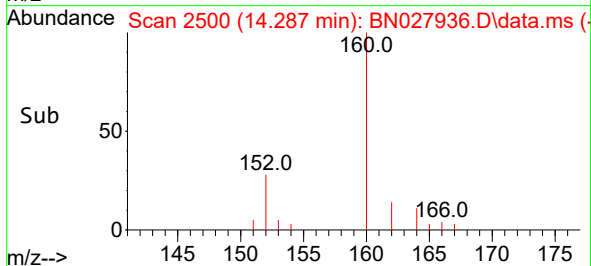
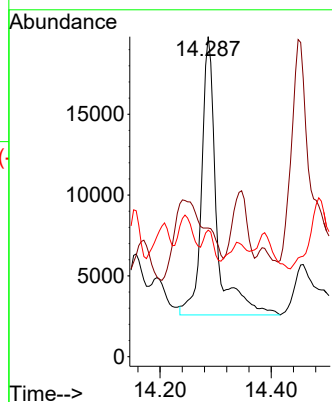
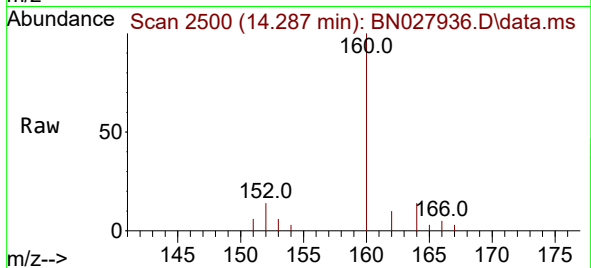
Tgt Ion:152 Resp: 32408

Ion Ratio Lower Upper

152 100

151 40.2 16.6 25.0#

153 39.6 11.0 16.6#



#11

Acenaphthene

Concen: 0.086 ng/ul

RT: 14.671 min Scan# 2583

Delta R.T. 0.005 min

Lab File: BN027936.D

Acq: 28 Sep 2023 21:18

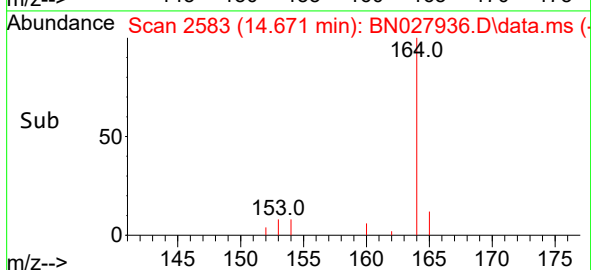
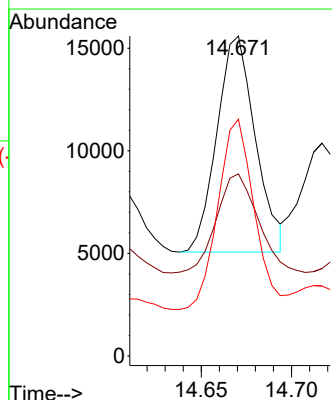
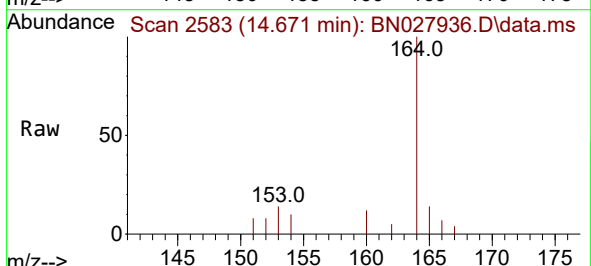
Tgt Ion:153 Resp: 15632

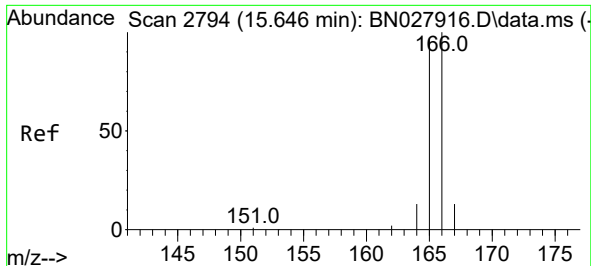
Ion Ratio Lower Upper

153 100

152 56.9 41.7 62.5

154 74.0 70.3 105.5

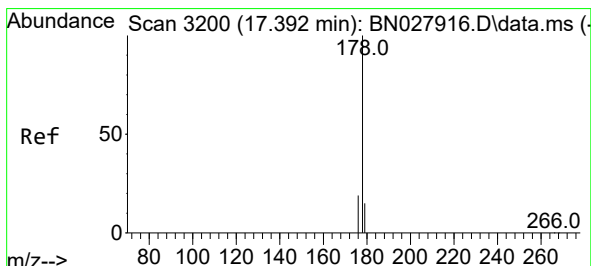
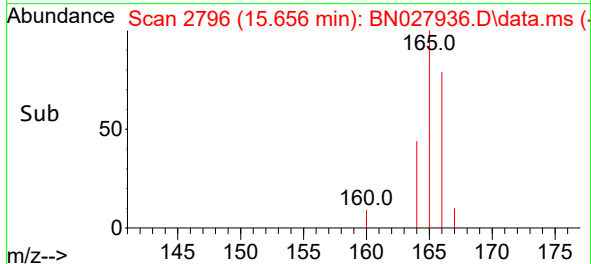
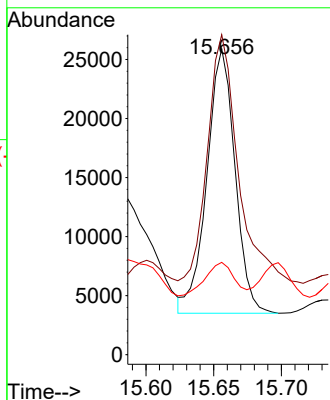
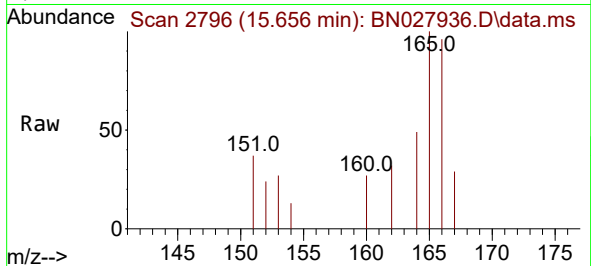




#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.656 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

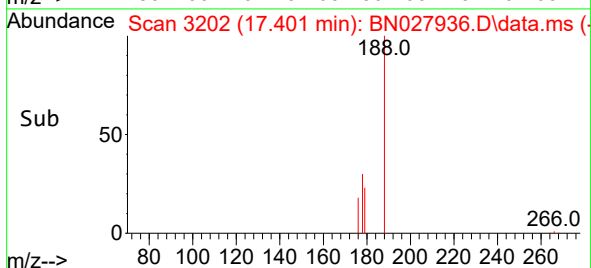
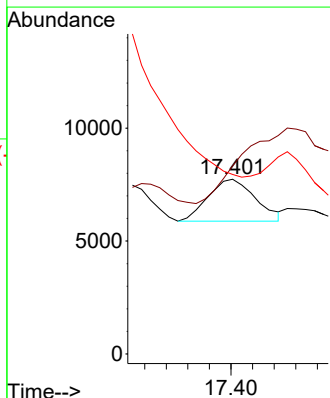
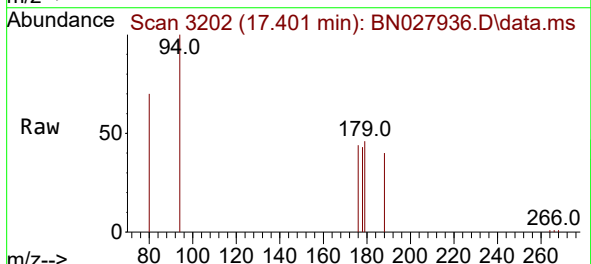
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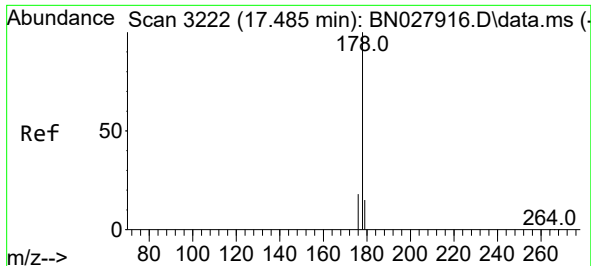
Tgt Ion:166 Resp: 32309
Ion Ratio Lower Upper
166 100
165 104.6 78.0 117.0
167 30.2 11.4 17.2#



#15
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.401 min Scan# 3202
Delta R.T. 0.004 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:178 Resp: 2826
Ion Ratio Lower Upper
178 100
179 107.6 12.4 18.6#
176 102.7 16.0 24.0#

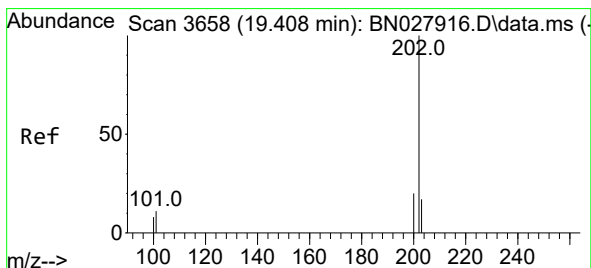
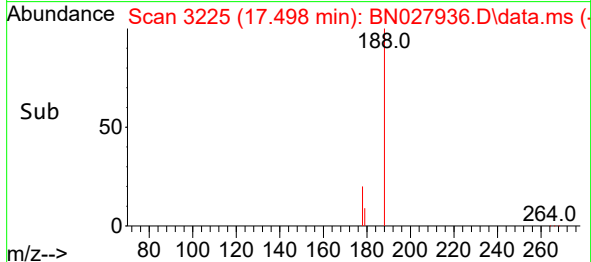
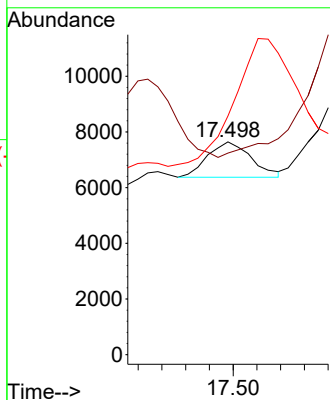
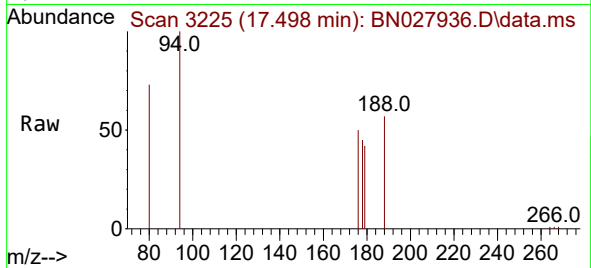




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.498 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BN027936.D
 Acq: 28 Sep 2023 21:18

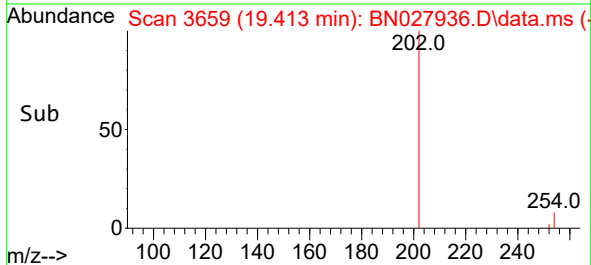
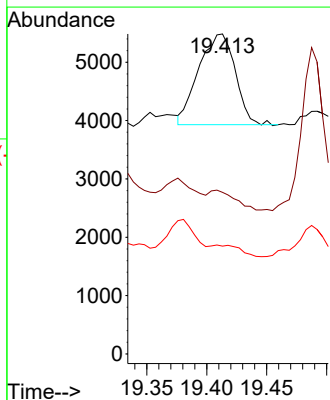
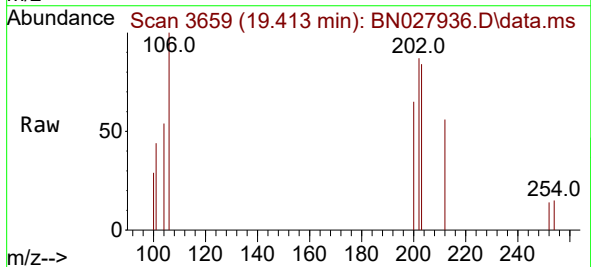
Instrument :
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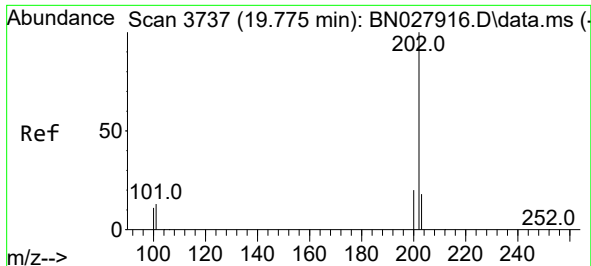
Tgt Ion:178 Resp: 1615
 Ion Ratio Lower Upper
 178 100
 179 94.7 12.6 19.0#
 176 112.2 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.042 ng/ul
 RT: 19.413 min Scan# 3659
 Delta R.T. 0.005 min
 Lab File: BN027936.D
 Acq: 28 Sep 2023 21:18

Tgt Ion:202 Resp: 3297
 Ion Ratio Lower Upper
 202 100
 101 50.5 9.3 13.9#
 100 33.7 7.0 10.4#

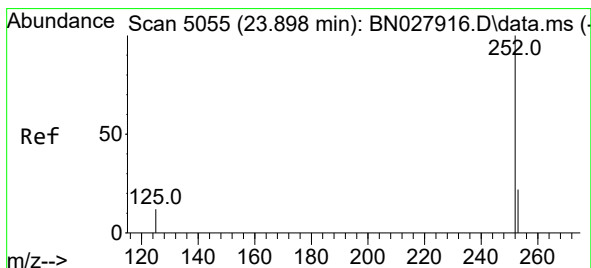
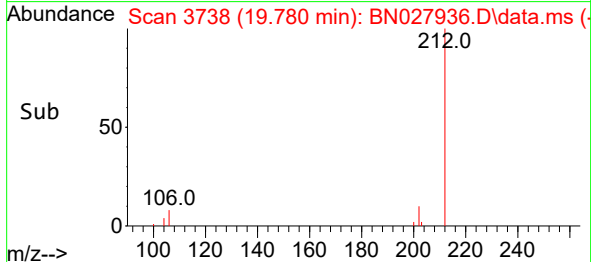
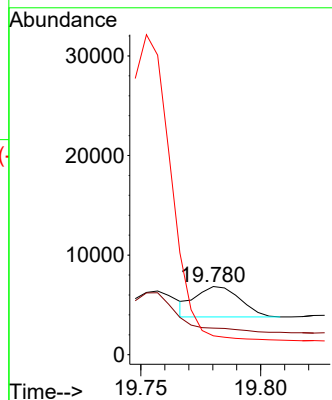
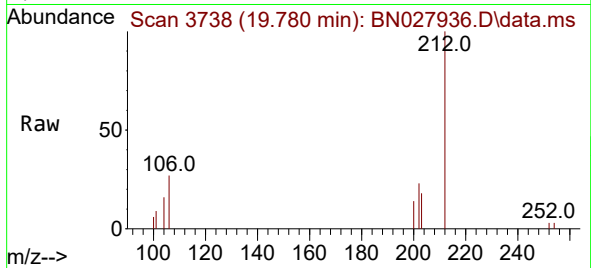




#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.780 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Instrument :
BNA_N
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Tgt Ion:202 Resp: 3928
Ion Ratio Lower Upper
202 100
101 39.0 11.4 17.0#
100 27.7 9.1 13.7#



#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.854 min Scan# 5040
Delta R.T. -0.041 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:252 Resp: 7521
Ion Ratio Lower Upper
252 100
253 56.8 21.9 32.9#
125 54.0 15.5 23.3#

