

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028130.D
 Acq On : 07 Oct 2023 20:51
 Operator : MA/JU
 Sample : 04607-10
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJQ2

Quant Time: Oct 08 00:52:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

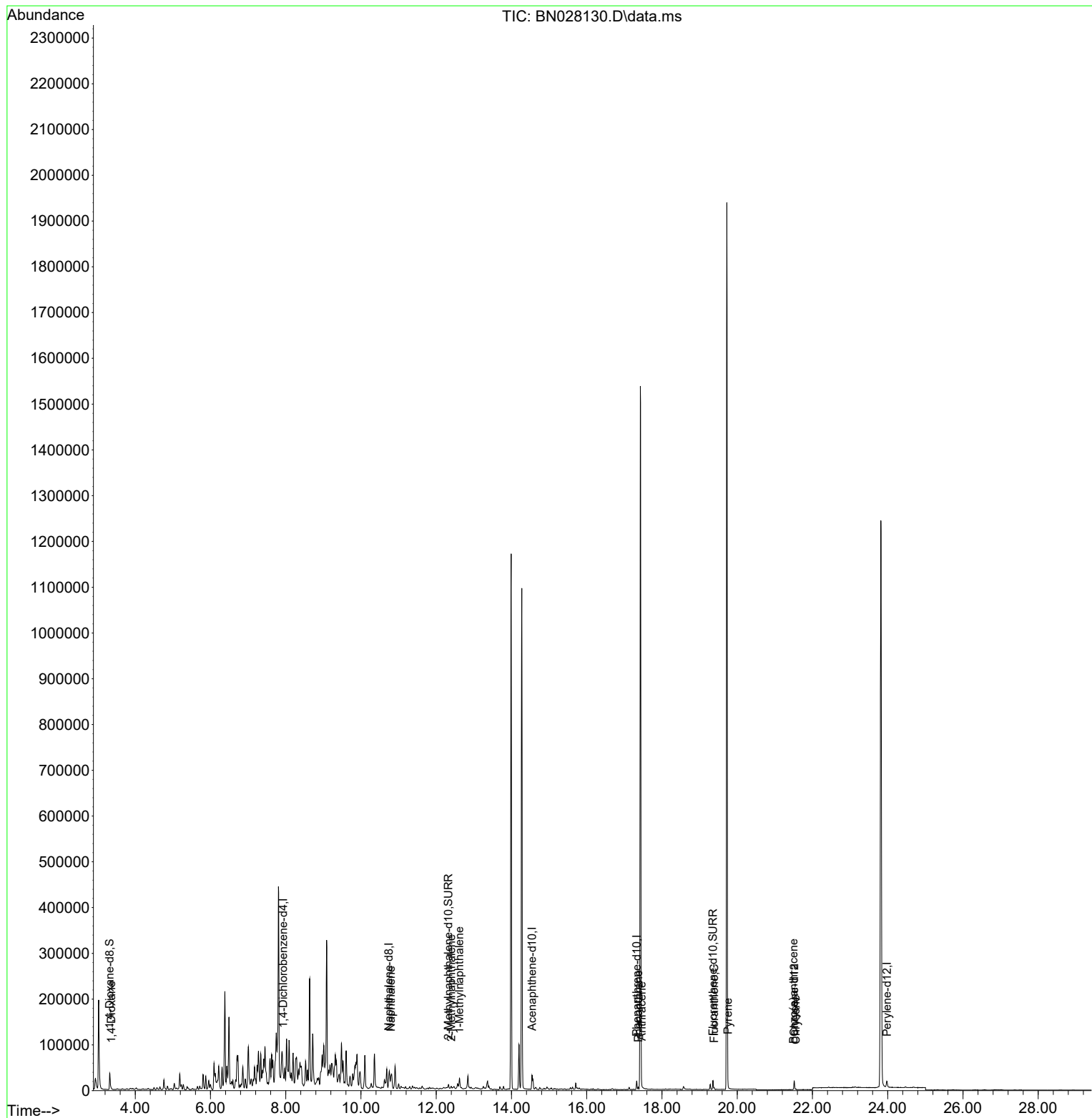
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	6603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	19192	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.546	164	51525	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	17.329	188	20417	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.515	240	17938	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	19863	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	27161	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	9201	0.298	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	20679	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	851	0.097	ng/ul#	68
5) Naphthalene	10.795	128	38580	0.708	ng/ul#	87
7) 2-Methylnaphthalene	12.401	142	2859	0.083	ng/ul	95
8) 1-Methylnaphthalene	12.616	142	13074	0.367	ng/ul	99
15) Phenanthrene	17.371	178	6002	0.099	ng/ul#	86
16) Anthracene	17.464	178	1573	0.029	ng/ul#	52
19) Fluoranthene	19.385	202	3715	0.054	ng/ul#	89
20) Pyrene	19.752	202	3557	0.050	ng/ul#	83
21) Benzo(a)anthracene	21.498	228	1323	0.020	ng/ul#	59
22) Chrysene	21.556	228	1334	0.020	ng/ul#	53

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

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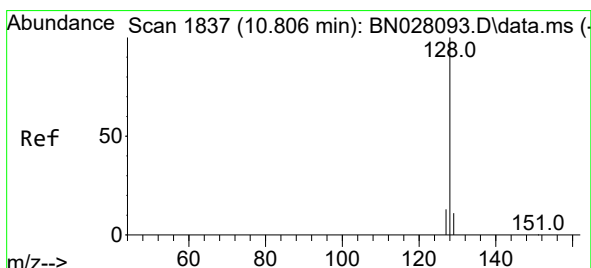
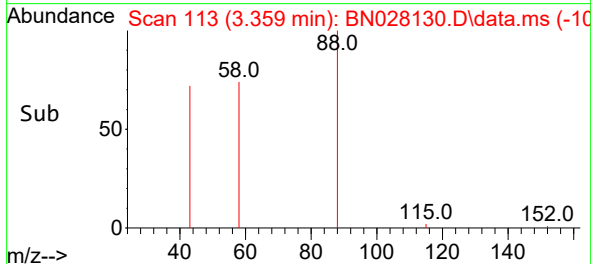
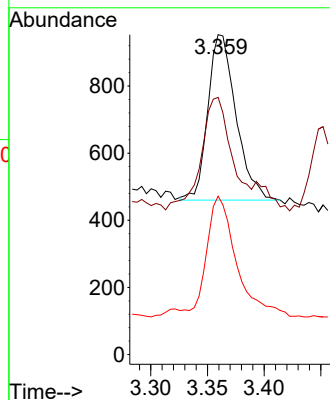
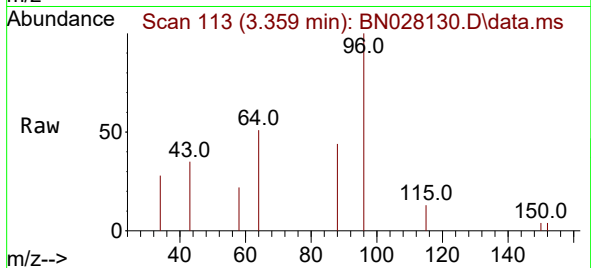




#2
1,4-Dioxane
Concen: 0.097 ng/ul
RT: 3.359 min Scan# 113
Delta R.T. -0.004 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

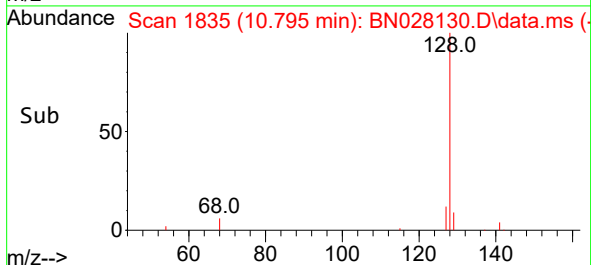
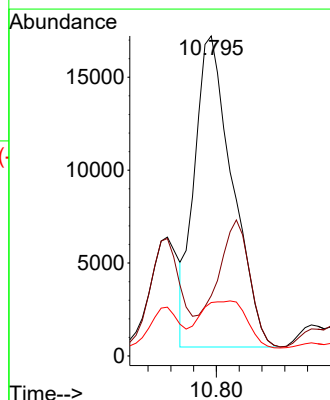
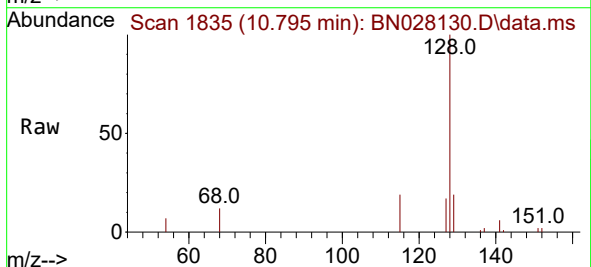
Instrument :
BNA_N
ClientSampleId :
BBJQ2

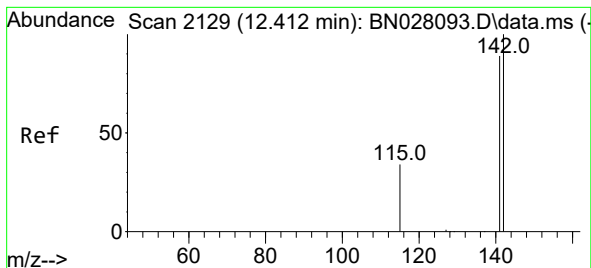
Tgt Ion: 88 Resp: 851
Ion Ratio Lower Upper
88 100
43 80.4 33.4 50.2#
58 49.5 45.7 68.5



#5
Naphthalene
Concen: 0.708 ng/ul
RT: 10.795 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

Tgt Ion: 128 Resp: 38580
Ion Ratio Lower Upper
128 100
129 18.9 9.4 14.0#
127 16.7 11.0 16.4#





#7

2-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.401 min Scan# 2127

Delta R.T. -0.011 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

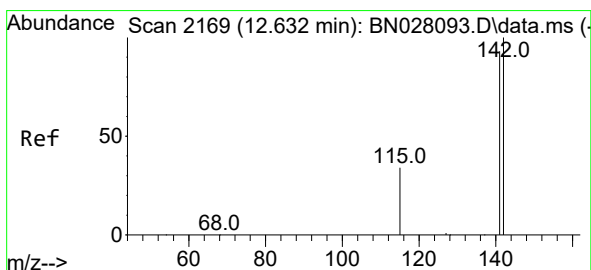
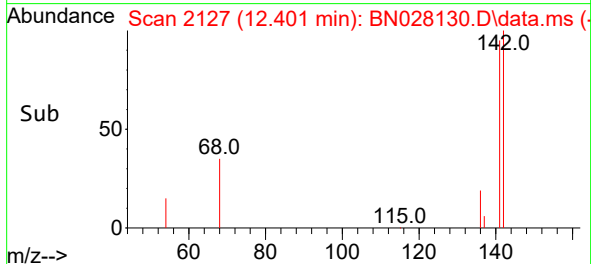
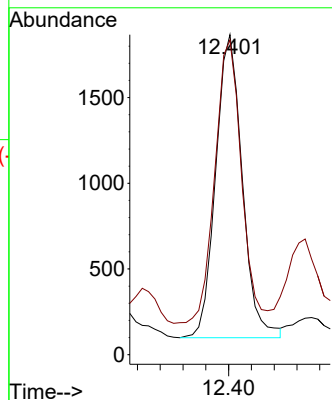
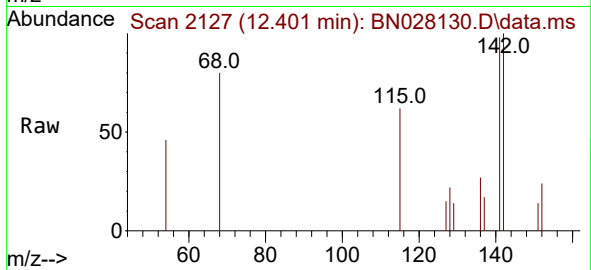
BBJQ2

Tgt Ion:142 Resp: 2859

Ion Ratio Lower Upper

142 100

141 93.1 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.367 ng/ul

RT: 12.616 min Scan# 2166

Delta R.T. -0.011 min

Lab File: BN028130.D

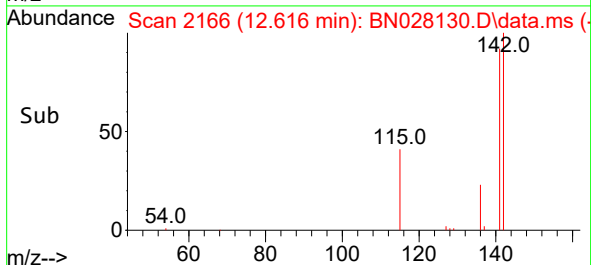
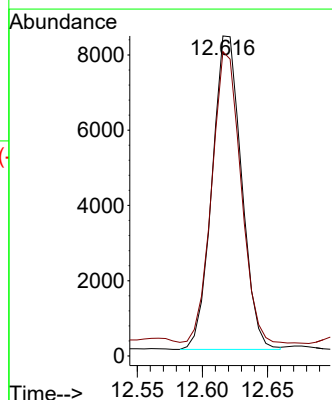
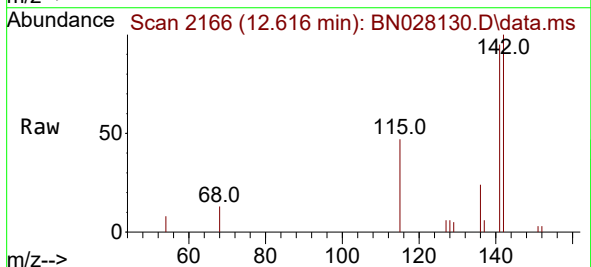
Acq: 07 Oct 2023 20:51

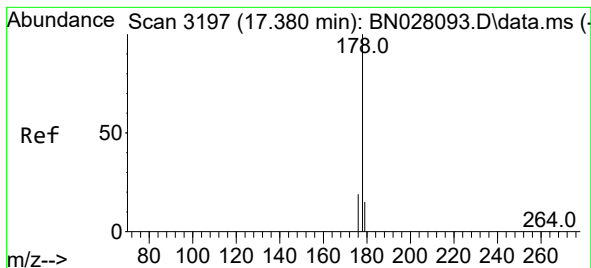
Tgt Ion:142 Resp: 13074

Ion Ratio Lower Upper

142 100

141 92.3 74.4 111.6





#15

Phenanthrene

Concen: 0.099 ng/ul

RT: 17.371 min Scan# 3197

Delta R.T. -0.005 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

BBJQ2

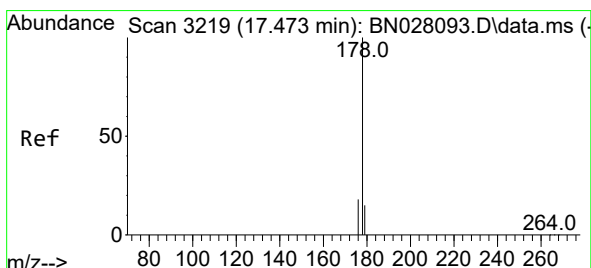
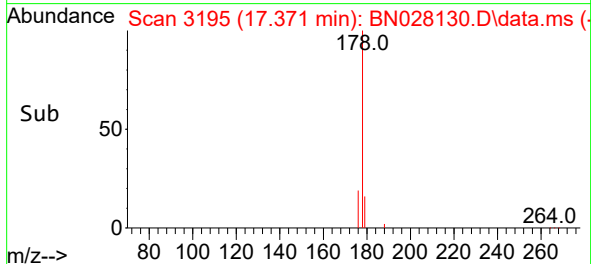
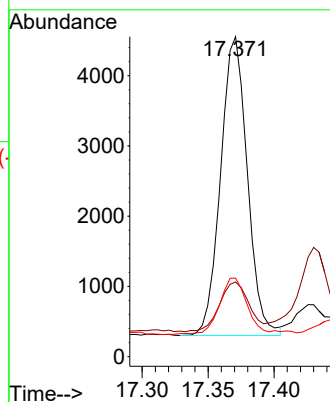
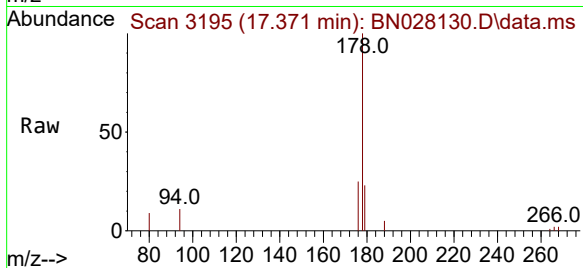
Tgt Ion:178 Resp: 6002

Ion Ratio Lower Upper

178 100

179 23.3 12.6 19.0#

176 24.5 15.5 23.3#



#16

Anthracene

Concen: 0.029 ng/ul

RT: 17.464 min Scan# 3217

Delta R.T. -0.005 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

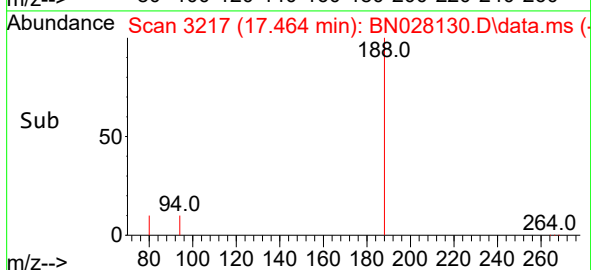
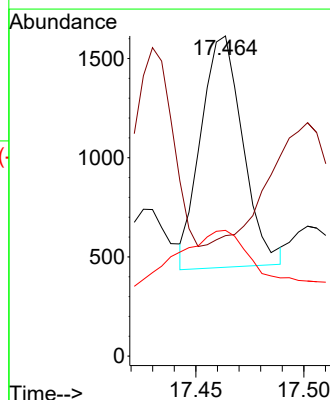
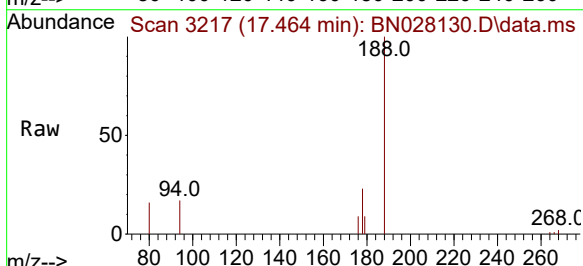
Tgt Ion:178 Resp: 1573

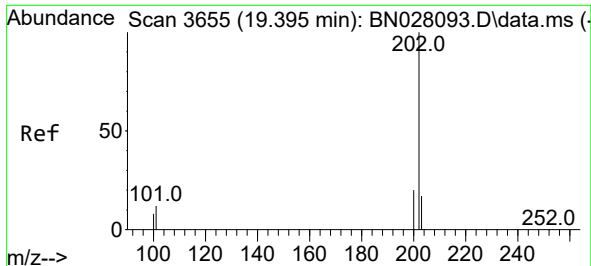
Ion Ratio Lower Upper

178 100

179 37.6 12.8 19.2#

176 39.3 15.0 22.6#

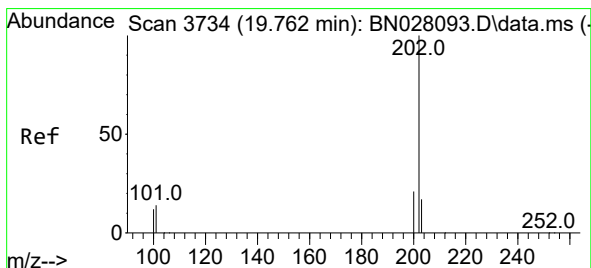
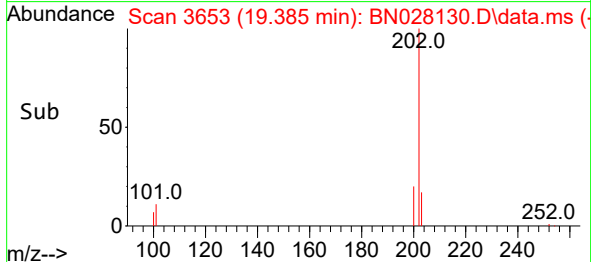
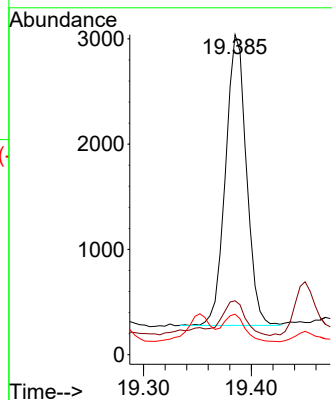
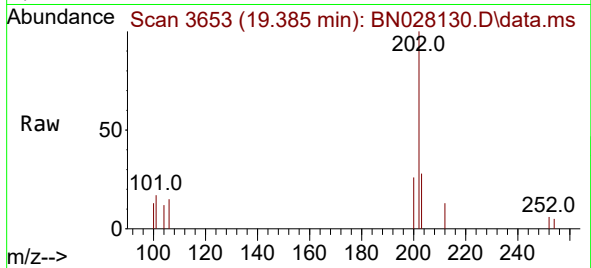




#19
Fluoranthene
Concen: 0.054 ng/ul
RT: 19.385 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

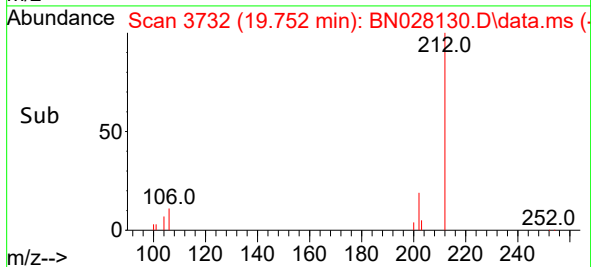
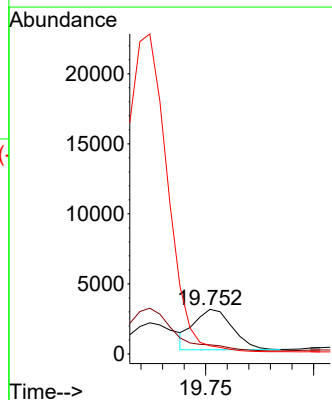
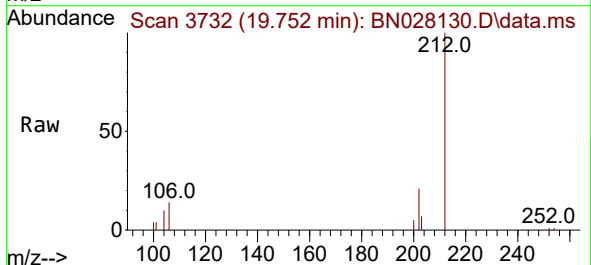
Instrument :
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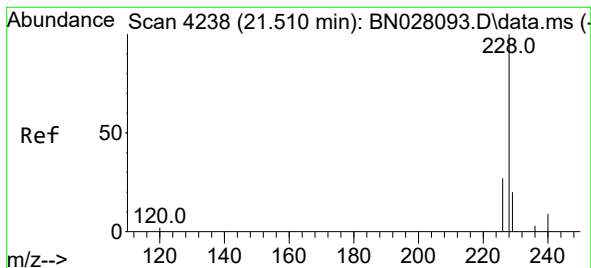
Tgt Ion:202 Resp: 3715
Ion Ratio Lower Upper
202 100
101 16.9 9.6 14.4#
100 12.7 7.4 11.0#



#20
Pyrene
Concen: 0.050 ng/ul
RT: 19.752 min Scan# 3732
Delta R.T. -0.005 min
Lab File: BN028130.D
Acq: 07 Oct 2023 20:51

Tgt Ion:202 Resp: 3557
Ion Ratio Lower Upper
202 100
101 20.4 11.2 16.8#
100 18.4 9.1 13.7#





#21

Benzo(a)anthracene

Concen: 0.020 ng/ul

RT: 21.498 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Instrument :

BNA_N

ClientSampleId :

BBJQ2

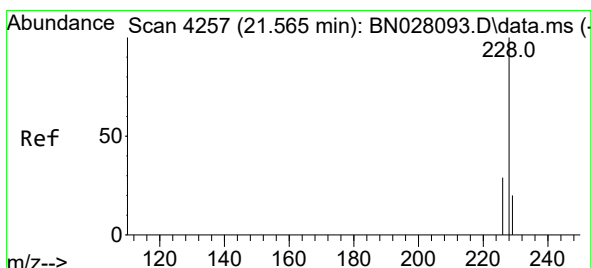
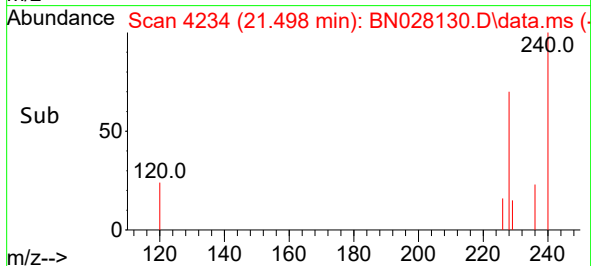
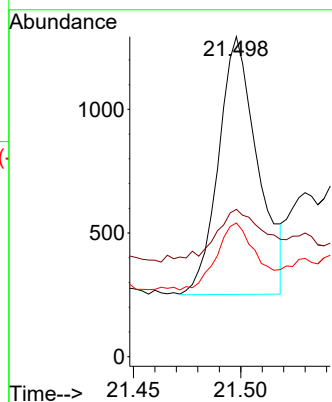
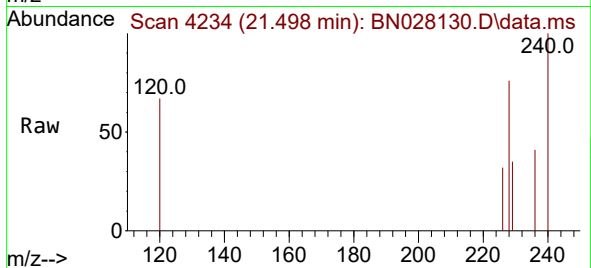
Tgt Ion:228 Resp: 1323

Ion Ratio Lower Upper

228 100

229 46.1 16.0 24.0#

226 41.8 21.5 32.3#



#22

Chrysene

Concen: 0.020 ng/ul

RT: 21.556 min Scan# 4254

Delta R.T. -0.000 min

Lab File: BN028130.D

Acq: 07 Oct 2023 20:51

Tgt Ion:228 Resp: 1334

Ion Ratio Lower Upper

228 100

226 46.5 23.8 35.8#

229 52.5 16.0 24.0#

