

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024233.D
 Acq On : 10 Mar 2023 12:45
 Operator : CG/JU
 Sample : 01784-18
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAD4

Quant Time: Mar 11 00:07:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

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

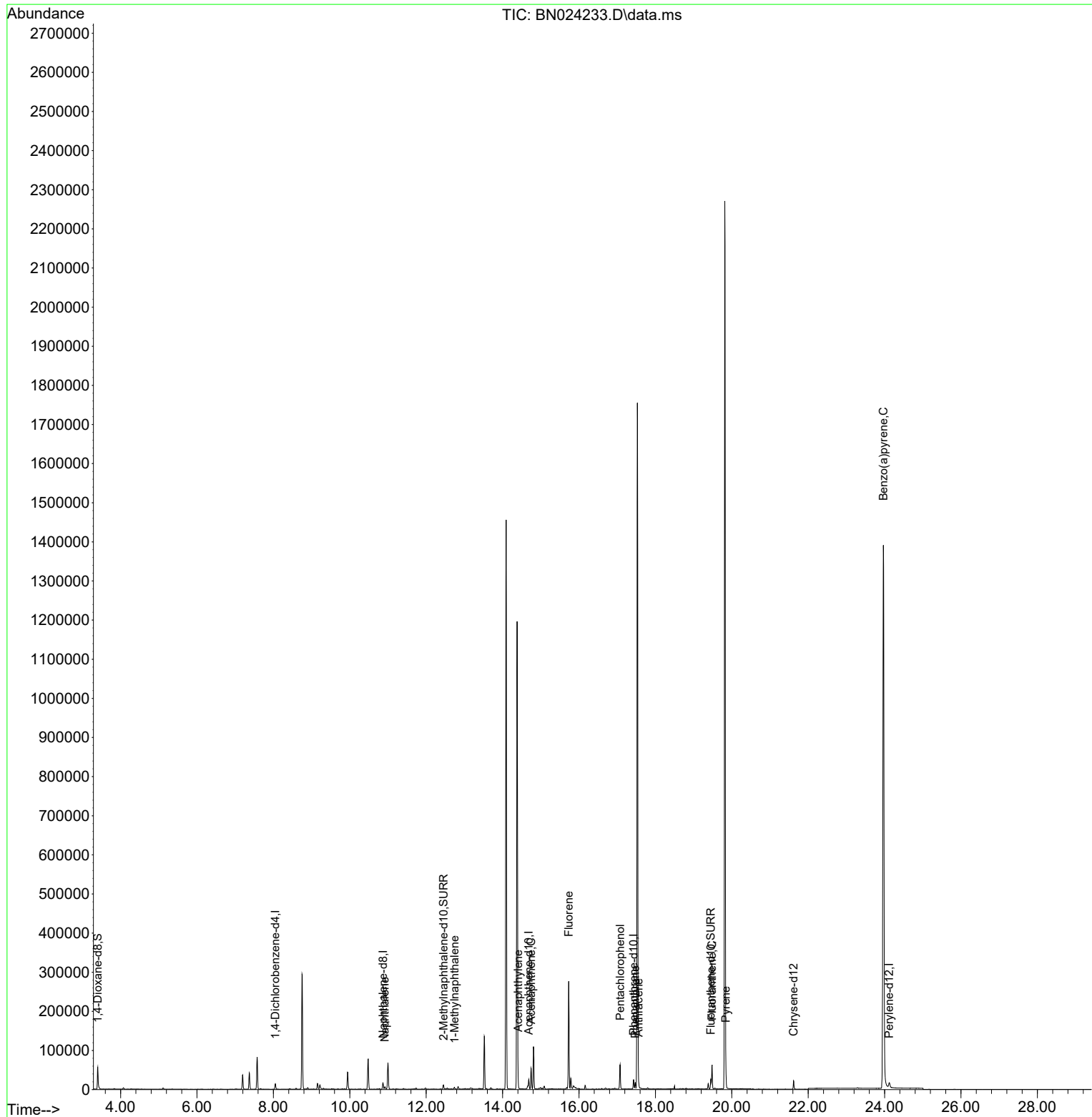
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	21230	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	12879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	26359	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	20492	0.400	ng/ul	0.00
23) Perylene-d12	24.120	264	21528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	35718	4.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9710	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	25629	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	7334	0.138	ng/ul#	89
8) 1-Methylnaphthalene	12.742	142	1621	0.048	ng/ul	99
10) Acenaphthylene	14.407	152	8974	0.167	ng/ul#	94
11) Acenaphthene	14.745	153	30423	0.735	ng/ul	98
12) Fluorene	15.730	166	168617	3.647	ng/ul	99
14) Pentachlorophenol	17.076	266	37107	5.068	ng/ul#	73
15) Phenanthrene	17.472	178	17988	0.238	ng/ul	96
16) Anthracene	17.561	178	9596	0.145	ng/ul	94
19) Fluoranthene	19.483	202	49423	0.606	ng/ul	100
20) Pyrene	19.845	202	31080	0.376	ng/ul	97
26) Benzo(a)pyrene	23.968	252	8097	0.114	ng/ul#	70

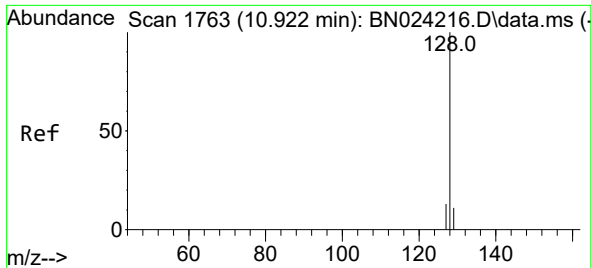
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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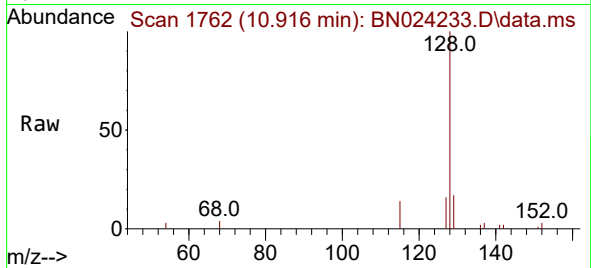
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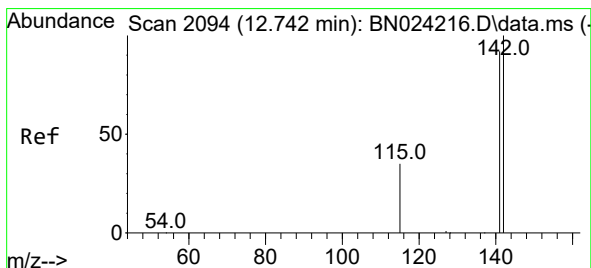
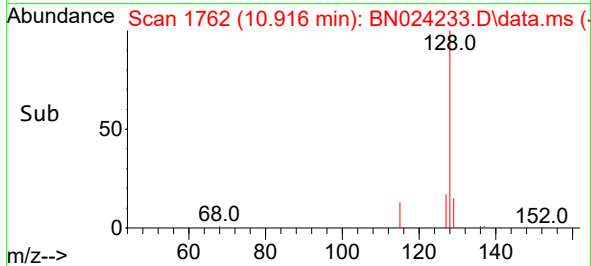
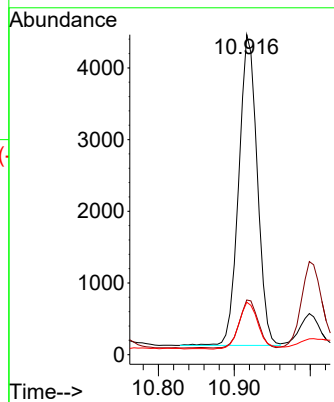


#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

Instrument :
BNA_N
ClientSampleId :
DCAD4

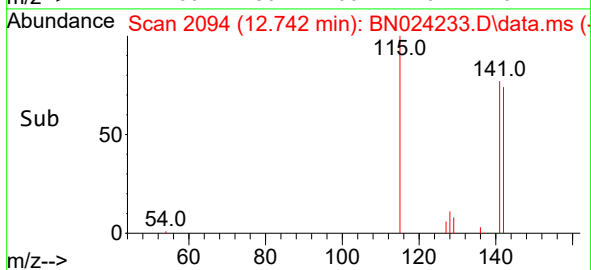
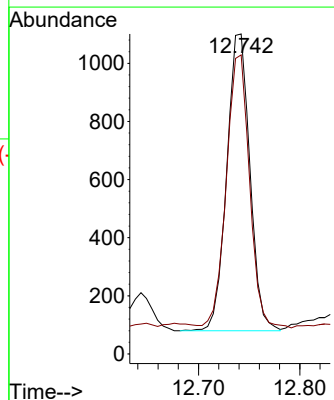
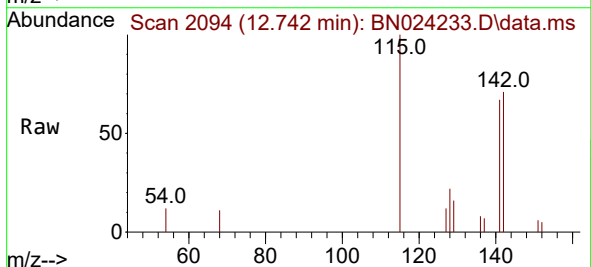


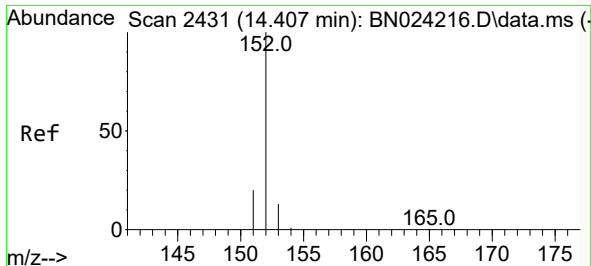
Tgt Ion:128 Resp: 7334
Ion Ratio Lower Upper
128 100
129 17.1 9.0 13.6#
127 16.4 10.5 15.7#



#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

Tgt Ion:142 Resp: 1621
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.6

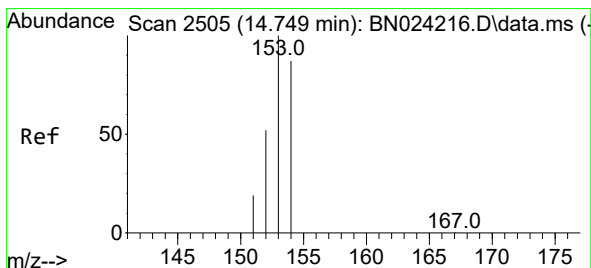
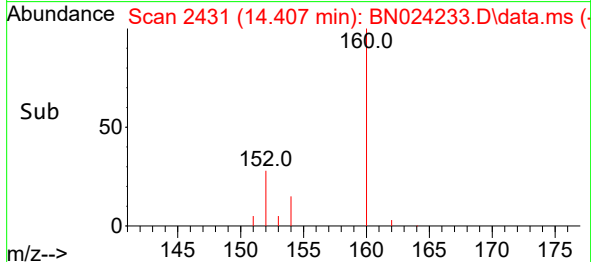
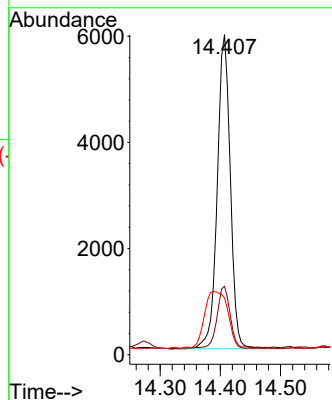
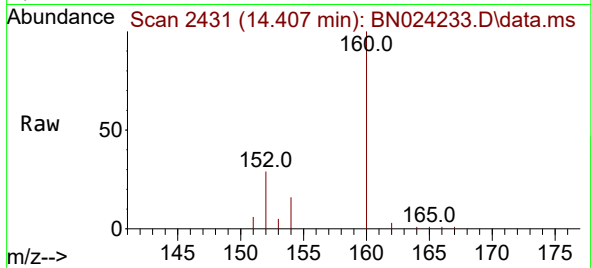




#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

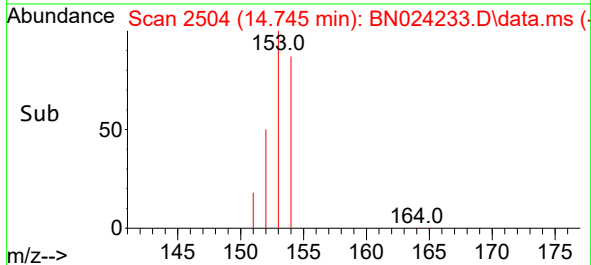
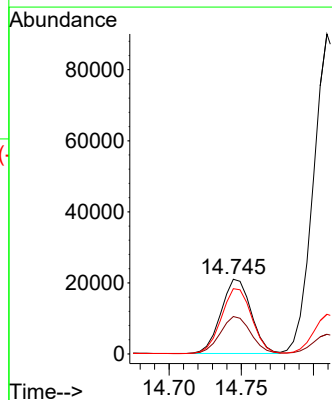
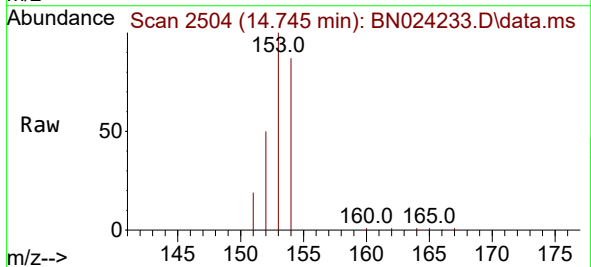
Instrument :
BNA_N
ClientSampleId :
DCAD4

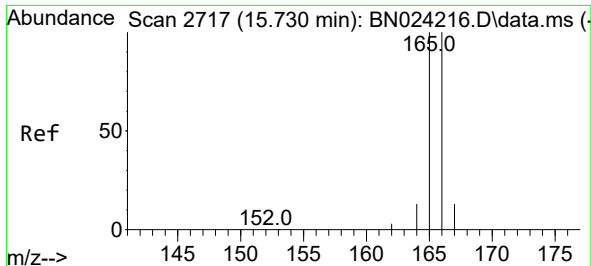
Tgt Ion:152 Resp: 8974
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 17.7 10.6 16.0#



#11
Acenaphthene
Concen: 0.735 ng/ul
RT: 14.745 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

Tgt Ion:153 Resp: 30423
Ion Ratio Lower Upper
153 100
152 50.2 42.6 64.0
154 87.2 70.6 105.8

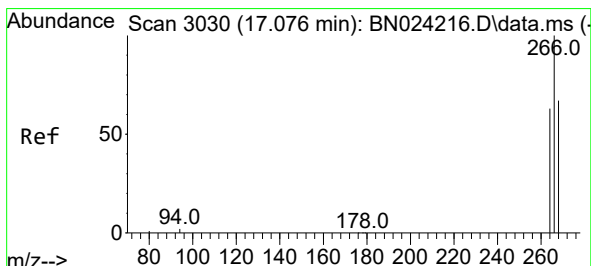
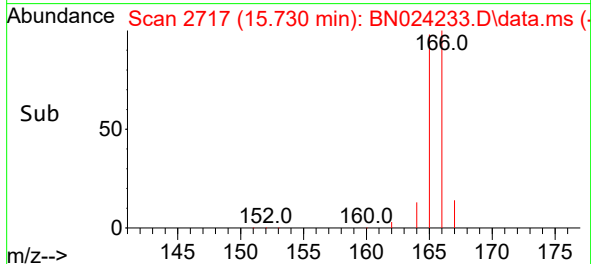
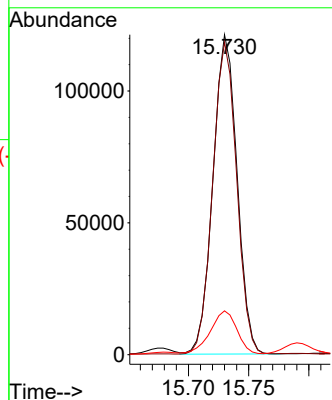
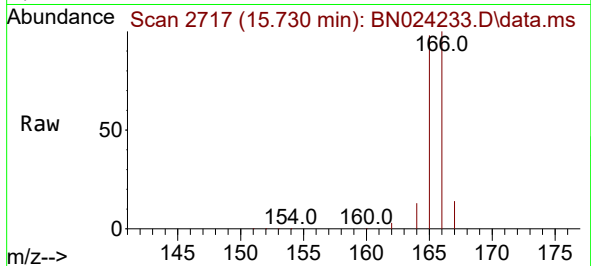




#12
Fluorene
Concen: 3.647 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

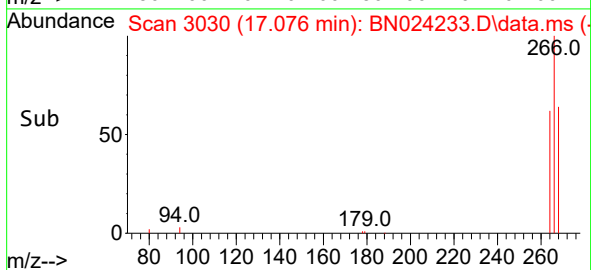
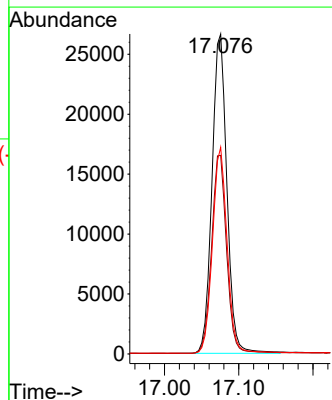
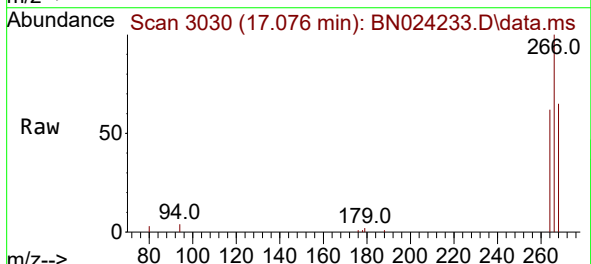
Instrument :
BNA_N
ClientSampleId :
DCAD4

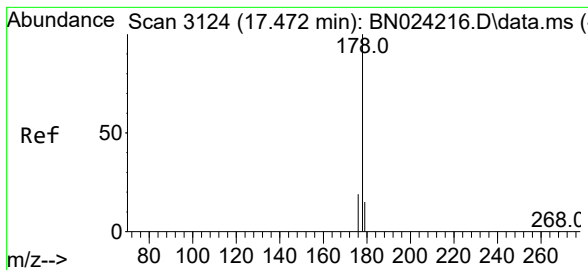
Tgt Ion:166 Resp: 168617
Ion Ratio Lower Upper
166 100
165 97.7 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 5.068 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

Tgt Ion:266 Resp: 37107
Ion Ratio Lower Upper
266 100
264 62.7 0.0 0.0#
268 63.6 0.1 0.1#





#15

Phenanthrene

Concen: 0.238 ng/ul

RT: 17.472 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BN024233.D

Acq: 10 Mar 2023 12:45

Instrument :

BNA_N

ClientSampleId :

DCAD4

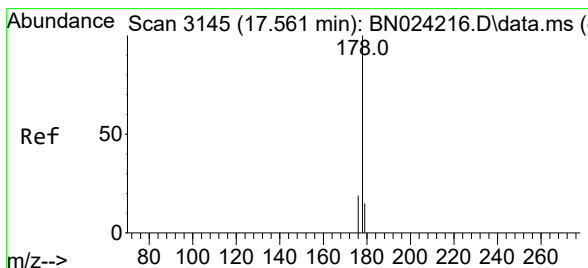
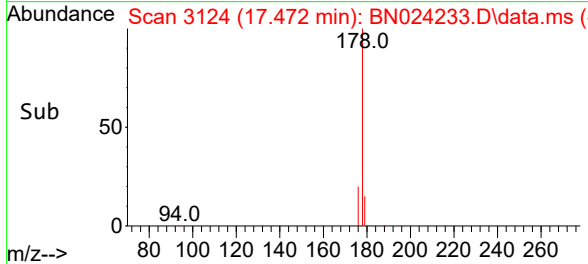
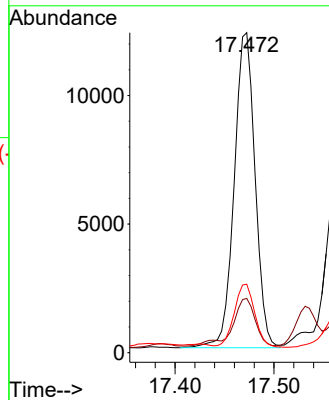
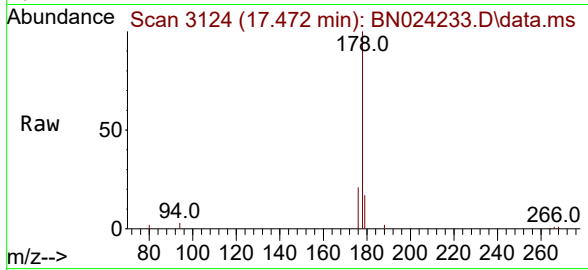
Tgt Ion:178 Resp: 17988

Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.2

176 21.4 15.7 23.5



#16

Anthracene

Concen: 0.145 ng/ul

RT: 17.561 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BN024233.D

Acq: 10 Mar 2023 12:45

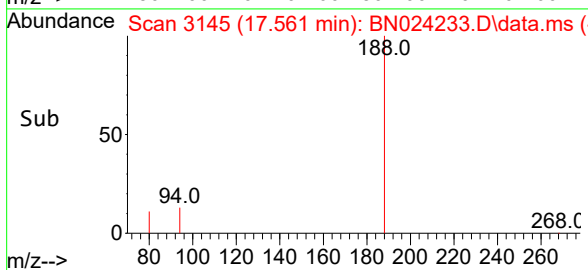
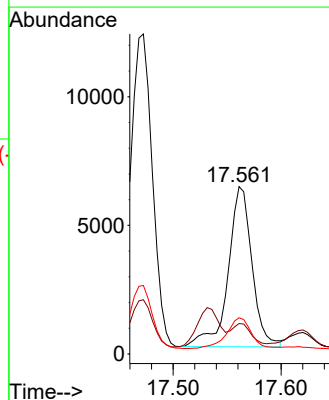
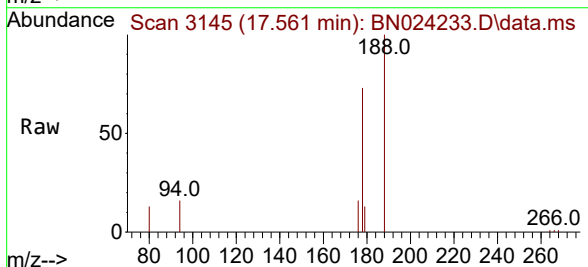
Tgt Ion:178 Resp: 9596

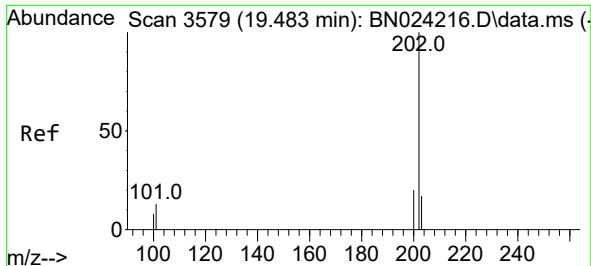
Ion Ratio Lower Upper

178 100

179 18.2 12.3 18.5

176 21.6 15.3 22.9

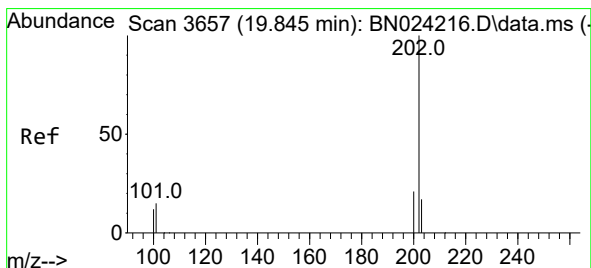
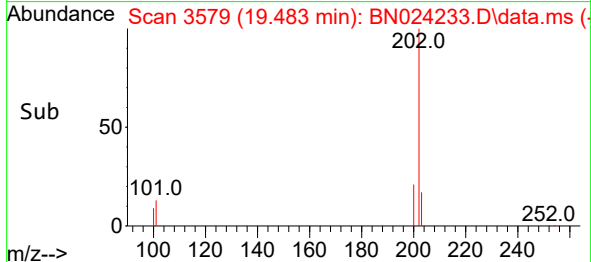
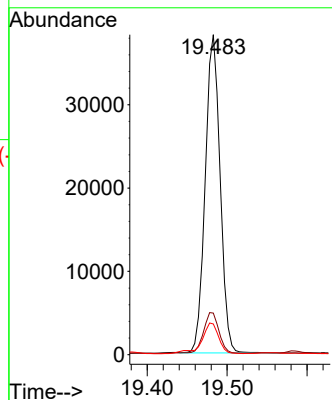
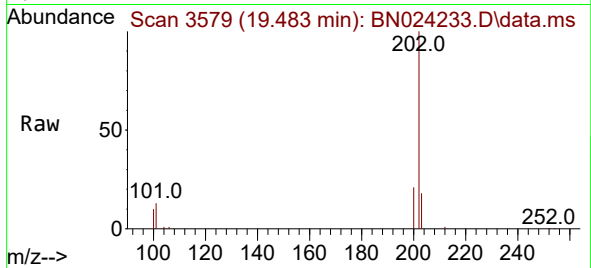




#19
Fluoranthene
Concen: 0.606 ng/u1
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

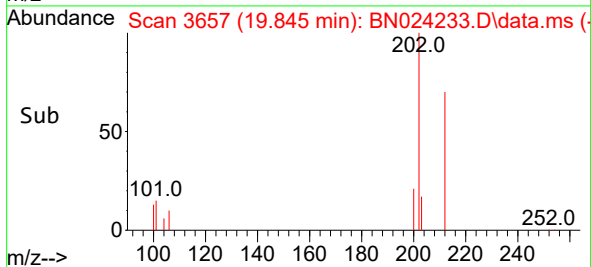
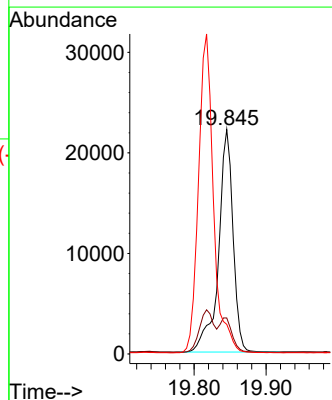
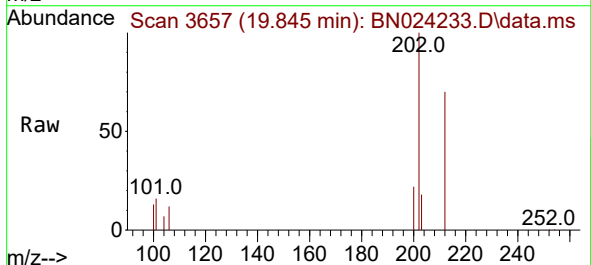
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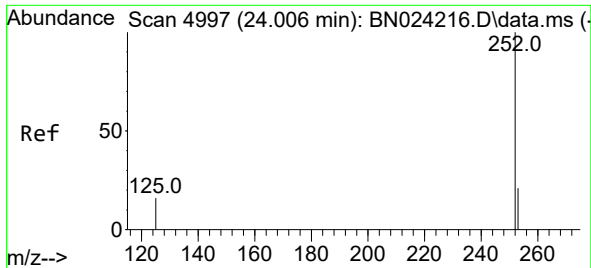
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Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 9.6 7.7 11.5



#20
Pyrene
Concen: 0.376 ng/u1
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

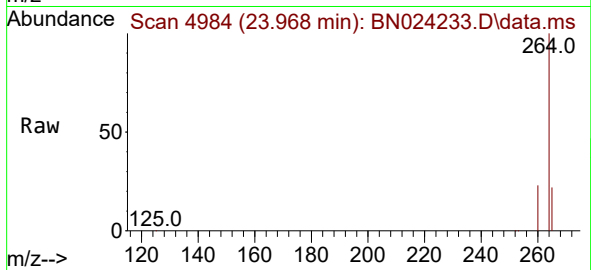
Tgt Ion:202 Resp: 31080
Ion Ratio Lower Upper
202 100
101 16.0 12.1 18.1
100 13.2 9.4 14.0





#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.968 min Scan# 4997
Delta R.T. -0.038 min
Lab File: BN024233.D
Acq: 10 Mar 2023 12:45

Instrument :
BNA_N
ClientSampleId :
DCAD4



Tgt Ion:252 Resp: 8097
Ion Ratio Lower Upper
252 100
253 37.9 19.2 28.8#
125 34.8 15.8 23.6#

