

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024226.D
 Acq On : 10 Mar 2023 07:53
 Operator : CG/JU
 Sample : 01784-19
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE5

Quant Time: Mar 11 00:06:19 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)

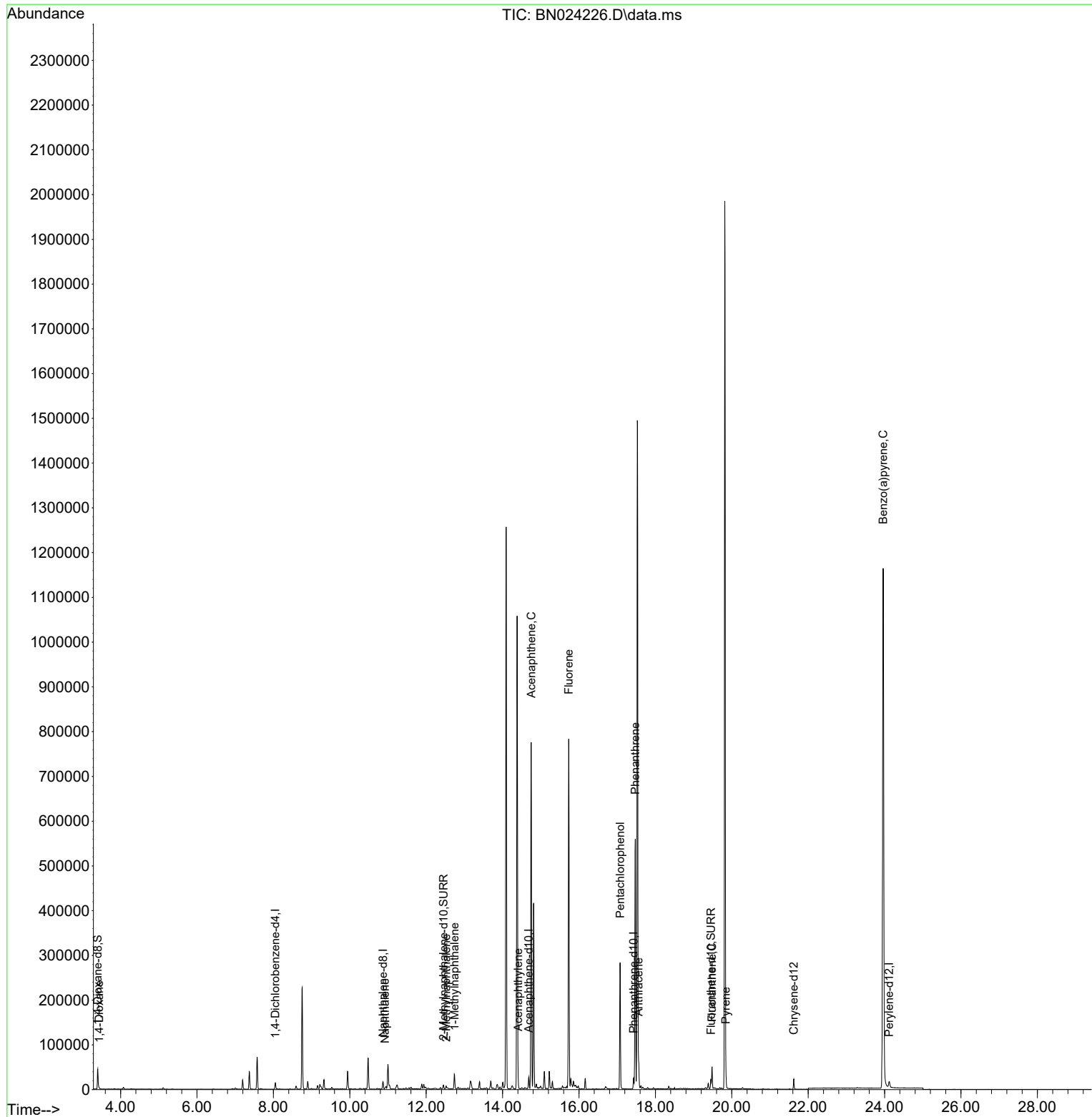
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	21243	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	12771	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	26021	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	20432	0.400	ng/ul	0.01
23) Perylene-d12	24.120	264	21855	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	28591	3.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	8812	0.349	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	21932	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	206	0.025	ng/ul#	34
5) Naphthalene	10.922	128	1335	0.025	ng/ul#	34
7) 2-Methylnaphthalene	12.522	142	4209	0.131	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	20149	0.596	ng/ul	100
10) Acenaphthylene	14.407	152	7851	0.147	ng/ul#	76
11) Acenaphthene	14.749	153	445007	10.840	ng/ul	97
12) Fluorene	15.730	166	487693	10.638	ng/ul	98
14) Pentachlorophenol	17.076	266	170379	23.574	ng/ul#	73
15) Phenanthrene	17.472	178	582180	7.812	ng/ul	99
16) Anthracene	17.561	178	54466	0.833	ng/ul	99
19) Fluoranthene	19.483	202	40187	0.494	ng/ul	100
20) Pyrene	19.845	202	22713	0.275	ng/ul#	94
26) Benzo(a)pyrene	23.962	252	7212	0.100	ng/ul#	66

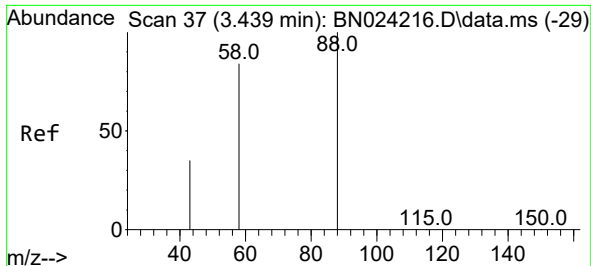
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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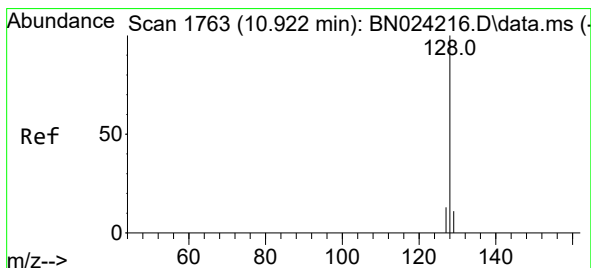
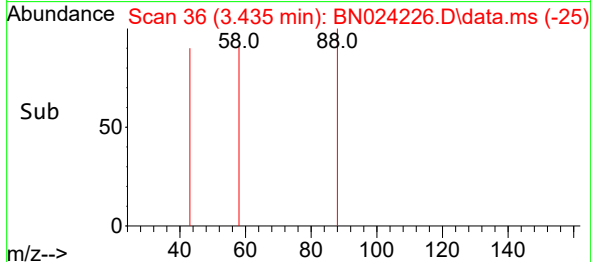
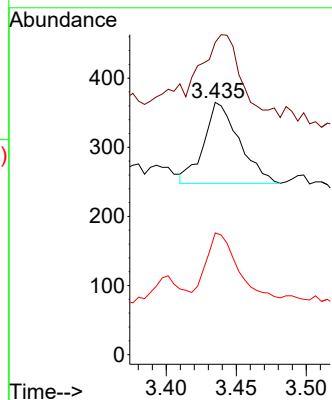
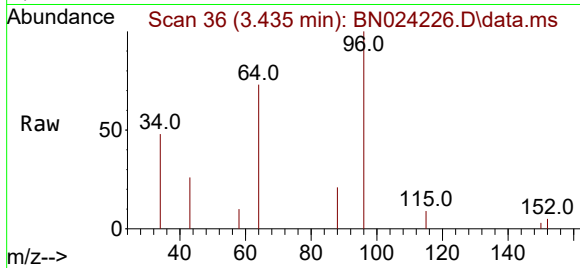




#2
 1,4-Dioxane
 Concen: 0.025 ng/ul
 RT: 3.435 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN024226.D
 Acq: 10 Mar 2023 07:53

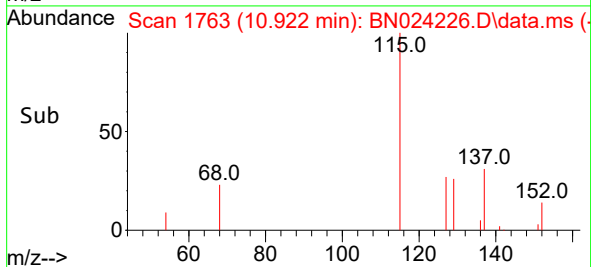
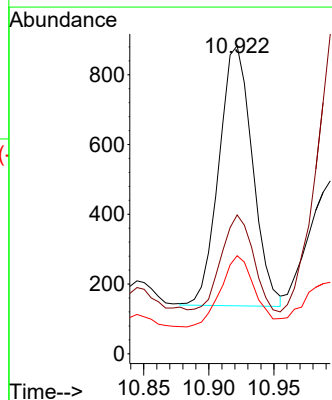
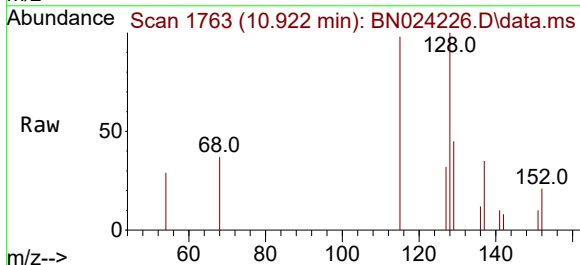
Instrument :
 BNA_N
 ClientSampleId :
 DCAE5

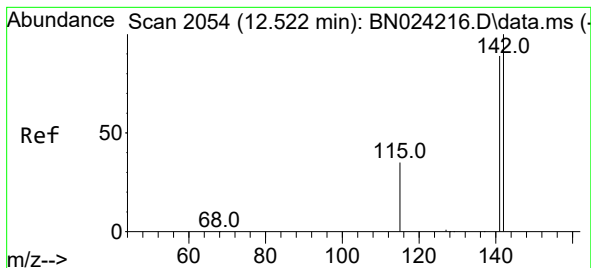
Tgt Ion: 88 Resp: 206
 Ion Ratio Lower Upper
 88 100
 43 123.8 32.1 48.1#
 58 48.2 55.1 82.7#



#5
 Naphthalene
 Concen: 0.025 ng/ul
 RT: 10.922 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN024226.D
 Acq: 10 Mar 2023 07:53

Tgt Ion: 128 Resp: 1335
 Ion Ratio Lower Upper
 128 100
 129 45.1 9.0 13.6#
 127 31.8 10.5 15.7#





#7

2-Methylnaphthalene

Concen: 0.131 ng/ul

RT: 12.522 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BN024226.D

Acq: 10 Mar 2023 07:53

Instrument :

BNA_N

ClientSampleId :

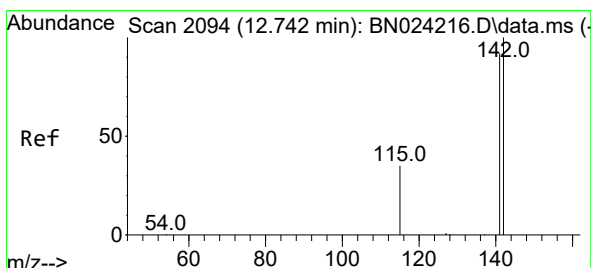
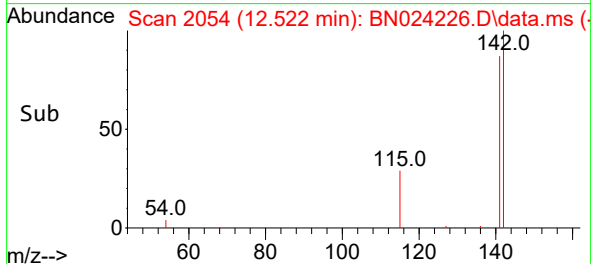
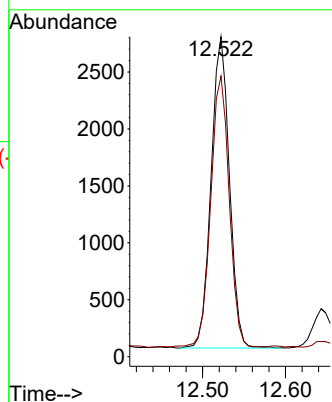
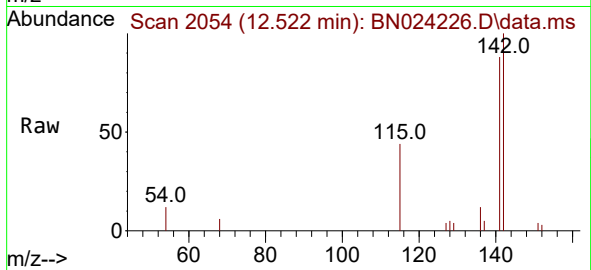
DCAE5

Tgt Ion:142 Resp: 4209

Ion Ratio Lower Upper

142 100

141 87.5 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.596 ng/ul

RT: 12.742 min Scan# 2094

Delta R.T. 0.000 min

Lab File: BN024226.D

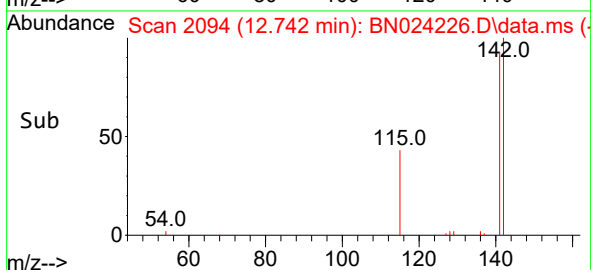
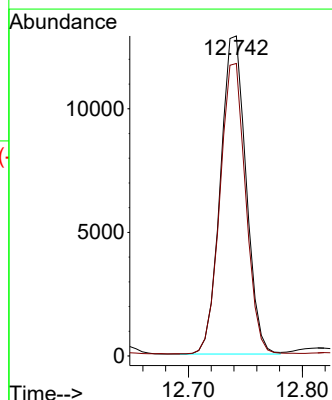
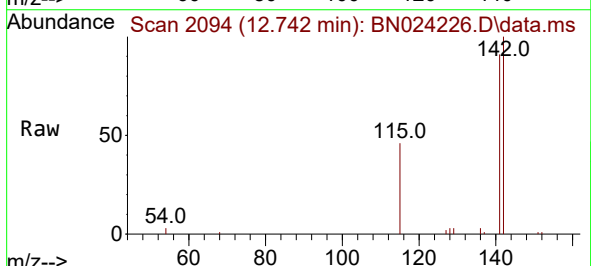
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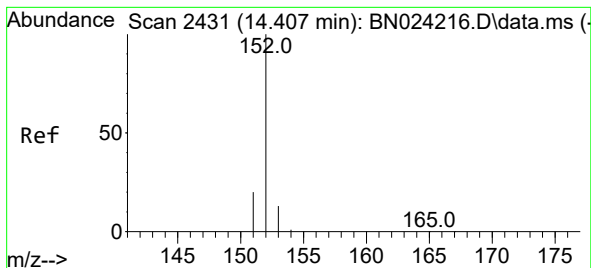
Tgt Ion:142 Resp: 20149

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.6





#10

Acenaphthylene

Concen: 0.147 ng/ul

RT: 14.407 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BN024226.D

Acq: 10 Mar 2023 07:53

Instrument :

BNA_N

ClientSampleId :

DCAE5

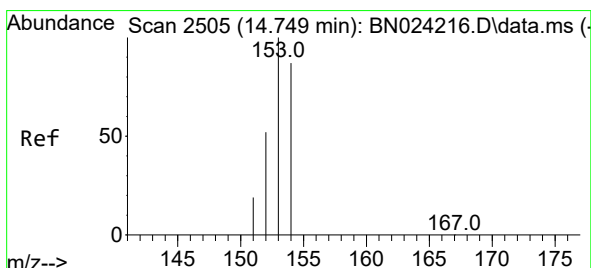
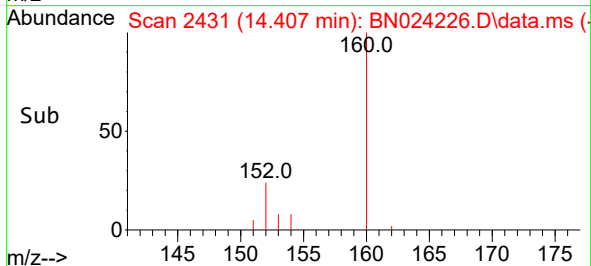
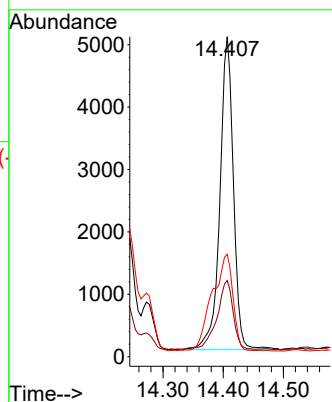
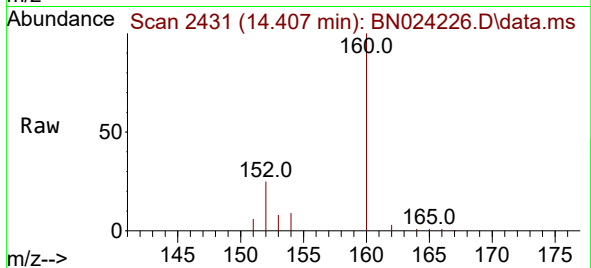
Tgt Ion:152 Resp: 7851

Ion Ratio Lower Upper

152 100

151 23.8 15.9 23.9

153 32.0 10.6 16.0#



#11

Acenaphthene

Concen: 10.840 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024226.D

Acq: 10 Mar 2023 07:53

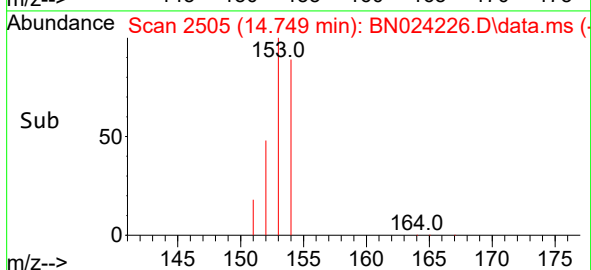
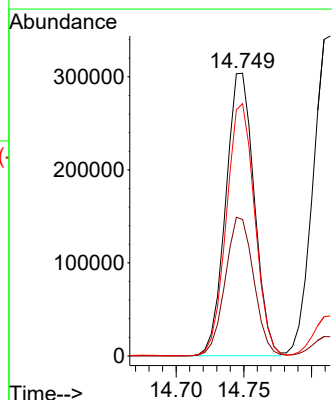
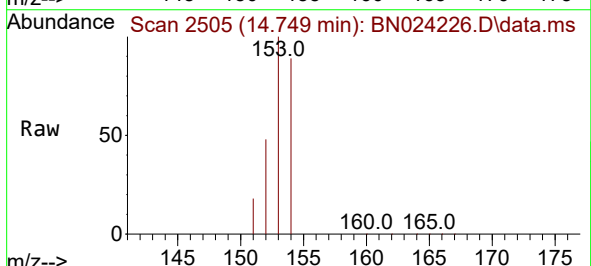
Tgt Ion:153 Resp: 445007

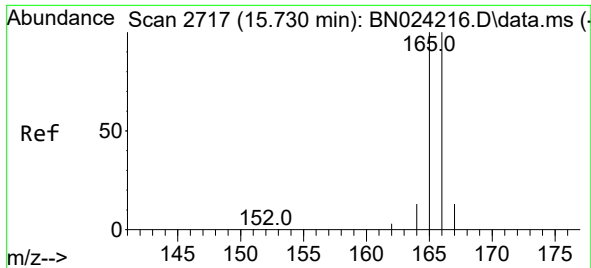
Ion Ratio Lower Upper

153 100

152 48.3 42.6 64.0

154 89.3 70.6 105.8

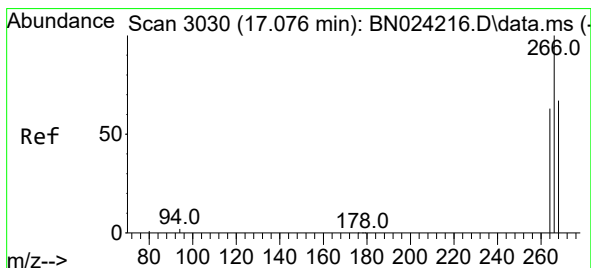
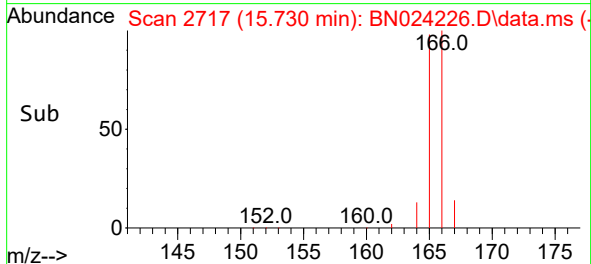
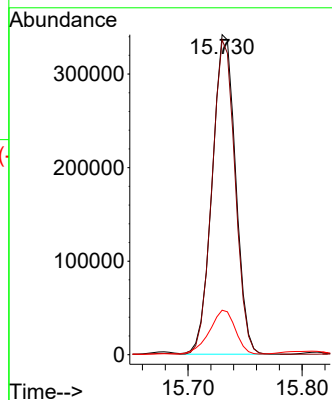
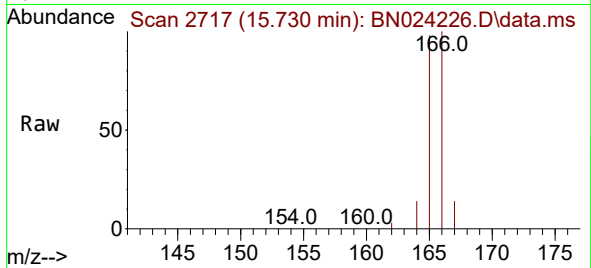




#12
Fluorene
Concen: 10.638 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024226.D
Acq: 10 Mar 2023 07:53

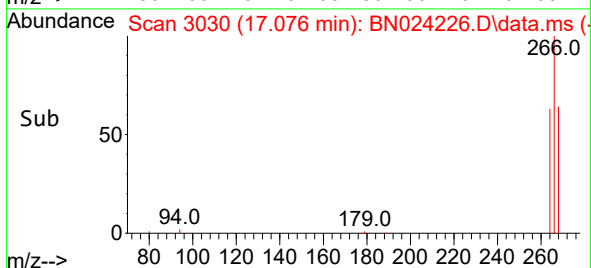
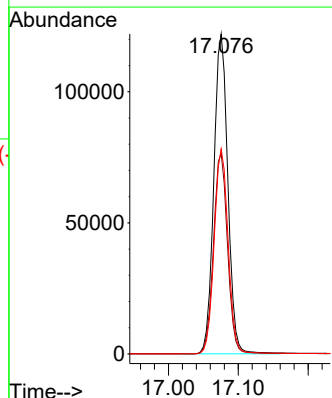
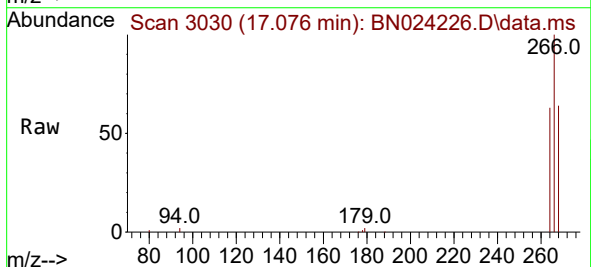
Instrument :
BNA_N
ClientSampleId :
DCAE5

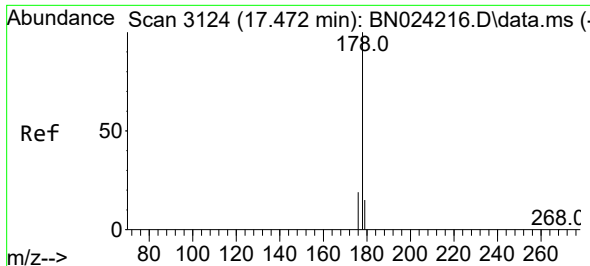
Tgt Ion:166 Resp: 487693
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.0
167 13.9 10.9 16.3



#14
Pentachlorophenol
Concen: 23.574 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024226.D
Acq: 10 Mar 2023 07:53

Tgt Ion:266 Resp: 170379
Ion Ratio Lower Upper
266 100
264 62.8 0.0 0.0#
268 63.9 0.1 0.1#

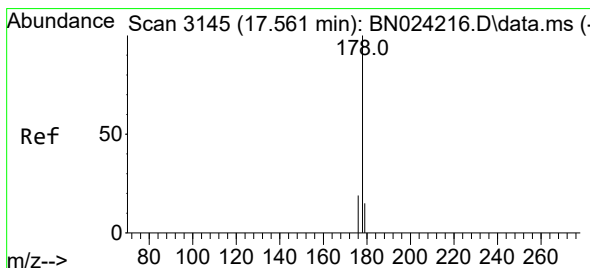
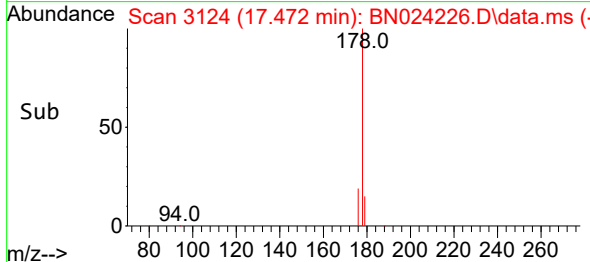
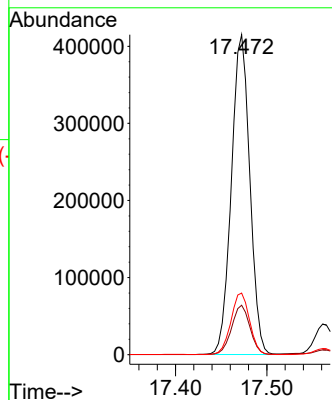
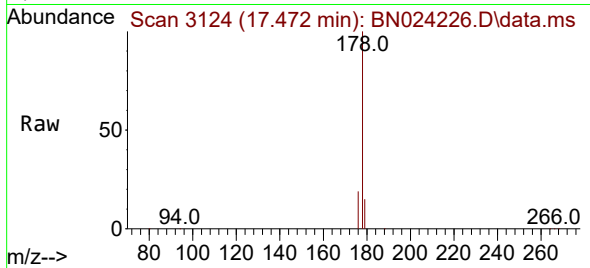




#15
Phenanthrene
Concen: 7.812 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024226.D
Acq: 10 Mar 2023 07:53

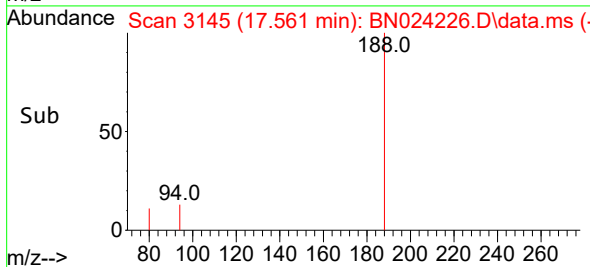
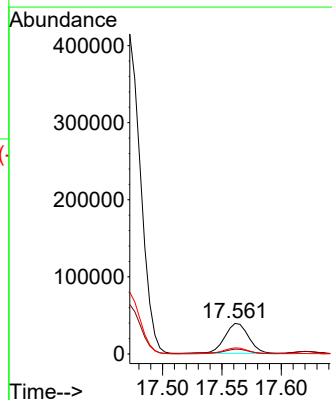
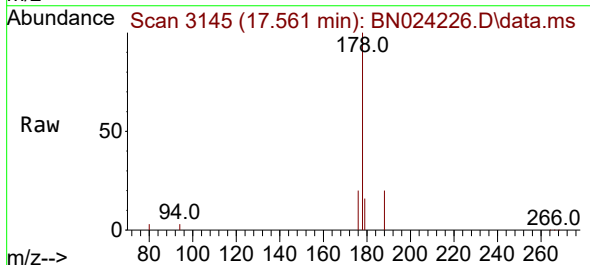
Instrument :
BNA_N
ClientSampleId :
DCAE5

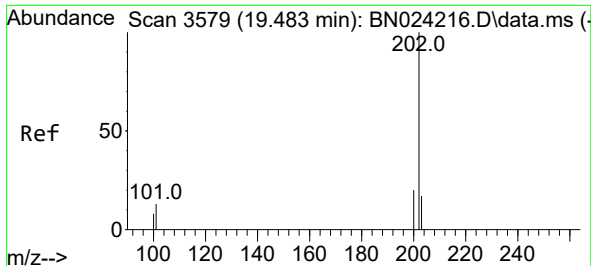
Tgt Ion:178 Resp: 582180
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.3 15.7 23.5



#16
Anthracene
Concen: 0.833 ng/ul
RT: 17.561 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BN024226.D
Acq: 10 Mar 2023 07:53

Tgt Ion:178 Resp: 54466
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.7 15.3 22.9

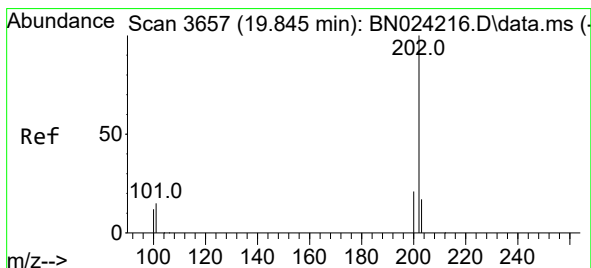
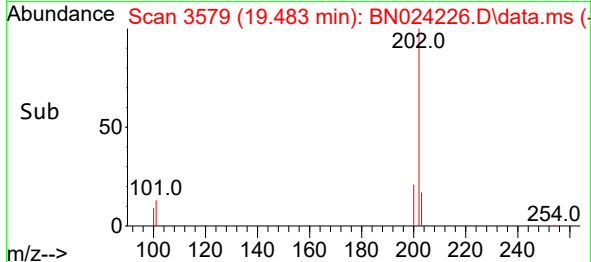
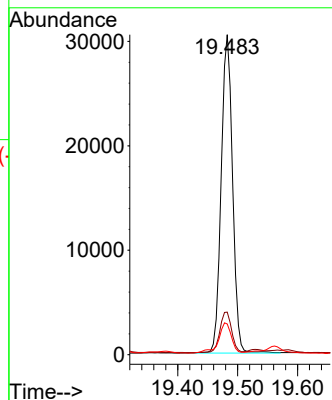
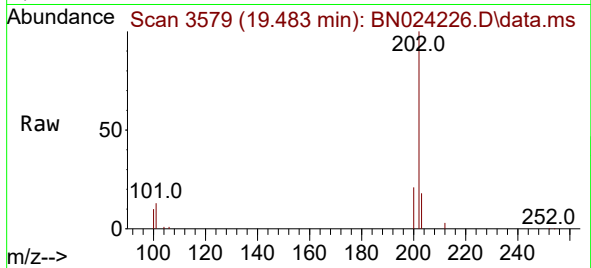




#19
Fluoranthene
Concen: 0.494 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024226.D
Acq: 10 Mar 2023 07:53

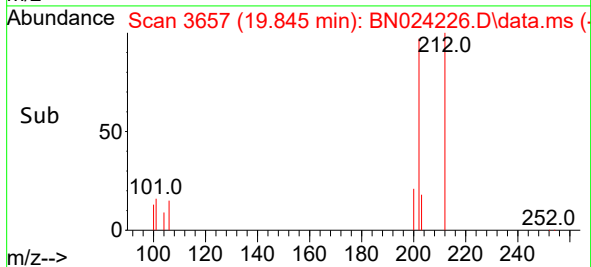
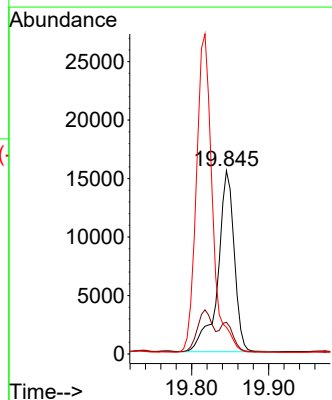
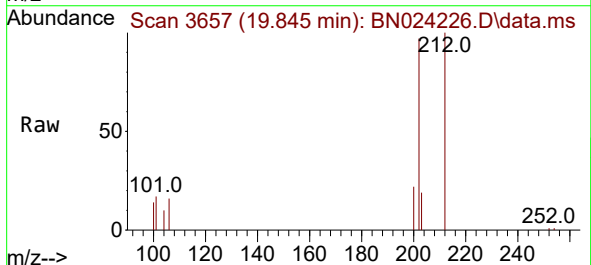
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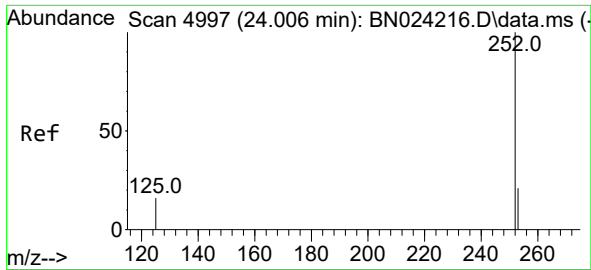
Tgt Ion:202 Resp: 40187
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 9.6 7.7 11.5



#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024226.D
Acq: 10 Mar 2023 07:53

Tgt Ion:202 Resp: 22713
Ion Ratio Lower Upper
202 100
101 17.3 12.1 18.1
100 14.5 9.4 14.0#





#26

Benzo(a)pyrene

Concen: 0.100 ng/ul

RT: 23.962 min Scan# 49

Delta R.T. -0.044 min

Lab File: BN024226.D

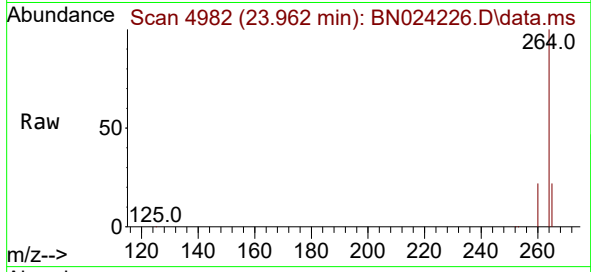
Acq: 10 Mar 2023 07:53

Instrument :

BNA_N

ClientSampleId :

DCAE5



Tgt Ion:252 Resp: 7212

Ion Ratio Lower Upper

252 100

253 38.5 19.2 28.8#

125 37.7 15.8 23.6#

