

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024204.D
 Acq On : 09 Mar 2023 17:49
 Operator : CG/JU
 Sample : 01746-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC6

Quant Time: Mar 10 02:24:49 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 : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

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

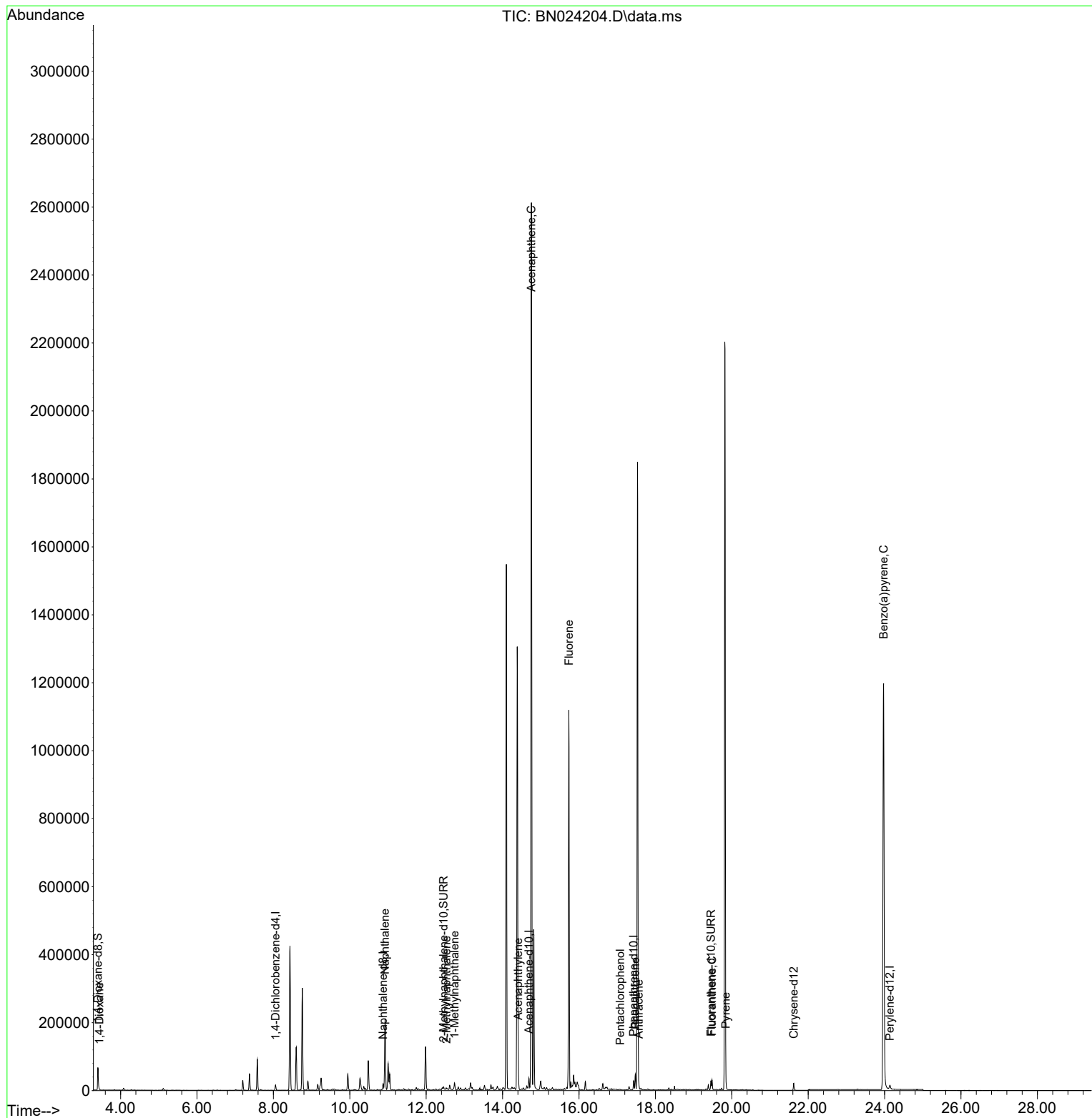
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	7748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	24476	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	14432	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	29173	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	20382	0.400	ng/ul	0.00
23) Perylene-d12	24.138	264	15766	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	41133	4.824	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	11267	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	27184	0.501	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	224	0.024	ng/ul#	34
5) Naphthalene	10.922	128	277725	4.546	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	3313	0.089	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	12484	0.320	ng/ul	100
10) Acenaphthylene	14.411	152	43118	0.716	ng/ul#	97
11) Acenaphthene	14.754	153	1499965	32.333	ng/ul	97
12) Fluorene	15.735	166	675997	13.049	ng/ul	99
14) Pentachlorophenol	17.076	266	511	0.063	ng/ul#	74
15) Phenanthrene	17.472	178	49915	0.597	ng/ul	98
16) Anthracene	17.565	178	13072	0.178	ng/ul#	92
19) Fluoranthene	19.483	202	22922	0.283	ng/ul	97
20) Pyrene	19.845	202	14446	0.176	ng/ul#	88
26) Benzo(a)pyrene	23.974	252	7329	0.141	ng/ul#	68

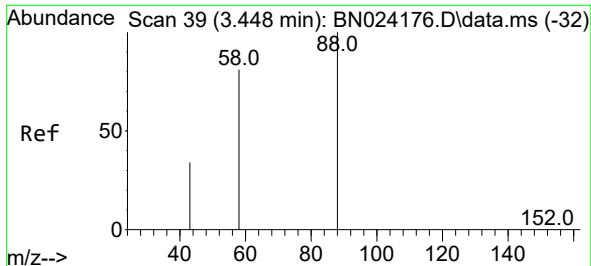
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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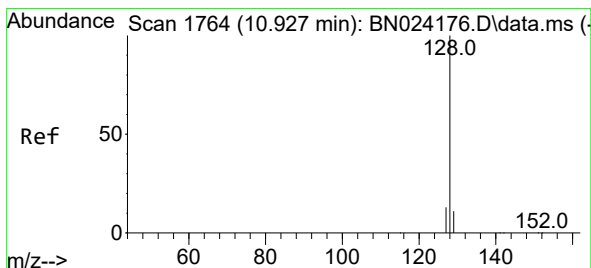
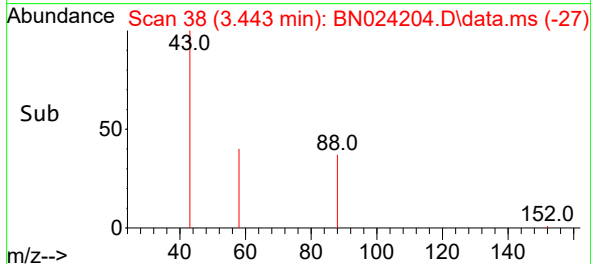
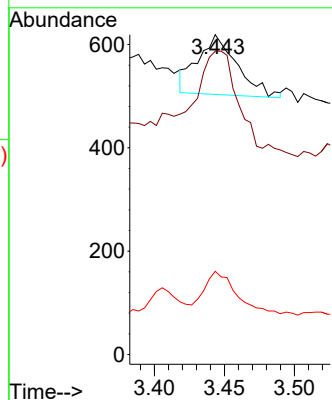
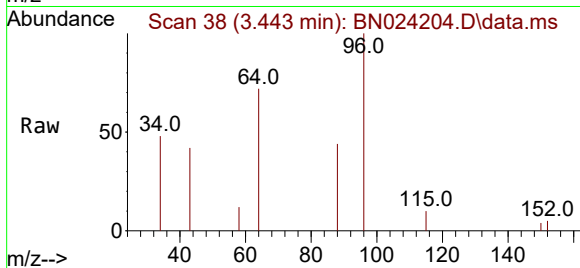




#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

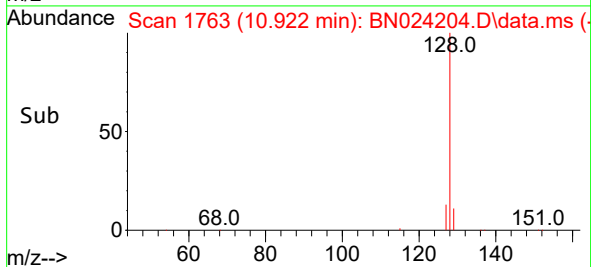
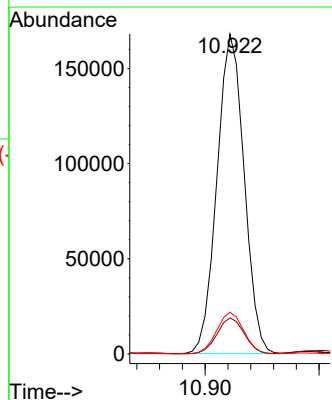
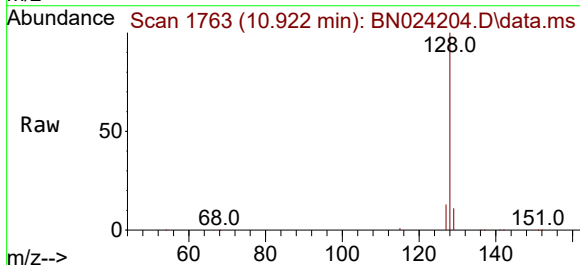
Instrument :
BNA_N
ClientSampleId :
DCAC6

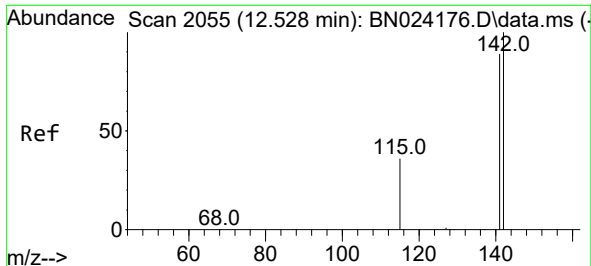
Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
43 94.8 32.1 48.1#
58 26.0 55.1 82.7#



#5
Naphthalene
Concen: 4.546 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

Tgt Ion:128 Resp: 277725
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.5 15.7

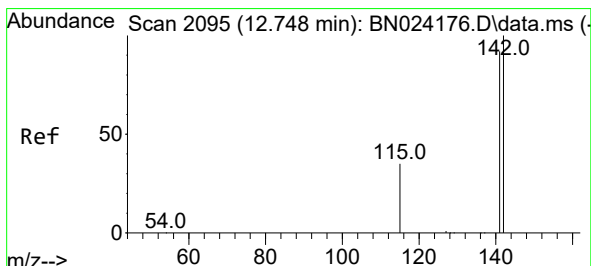
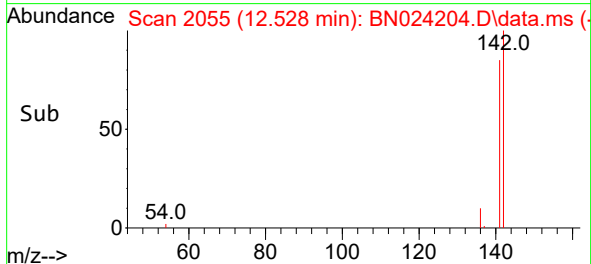
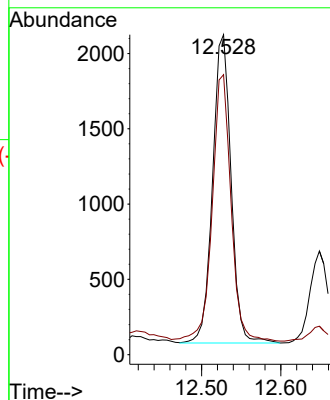
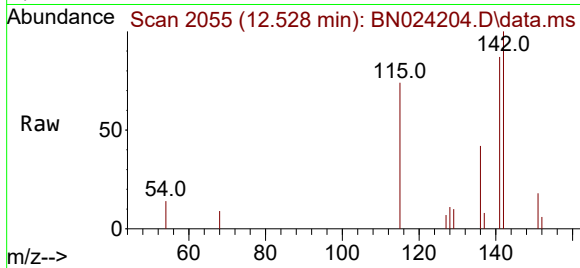




#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

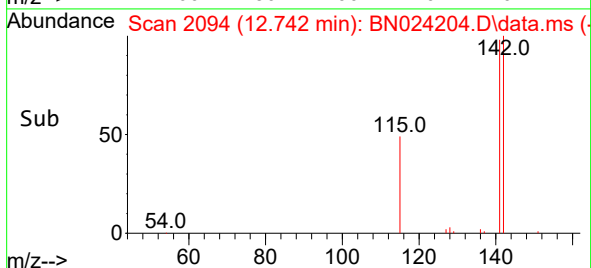
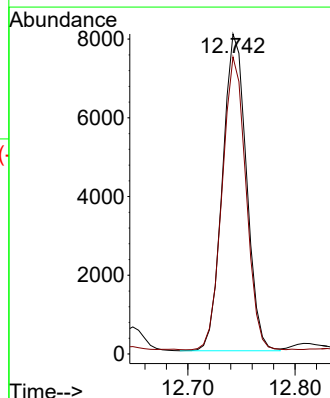
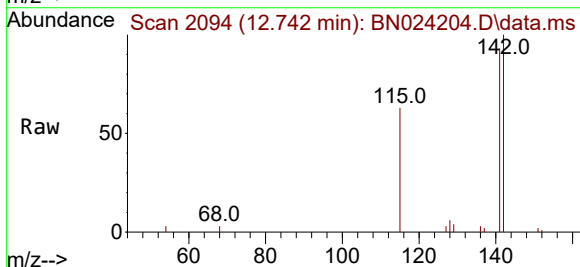
Instrument :
BNA_N
ClientSampleId :
DCAC6

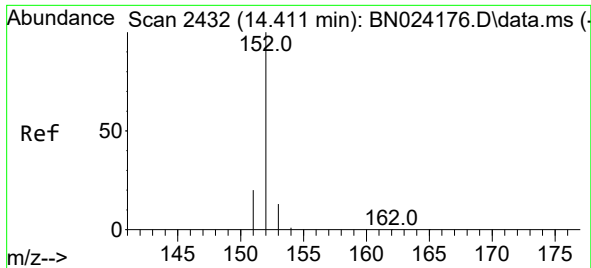
Tgt Ion:142 Resp: 3313
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

Tgt Ion:142 Resp: 12484
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6

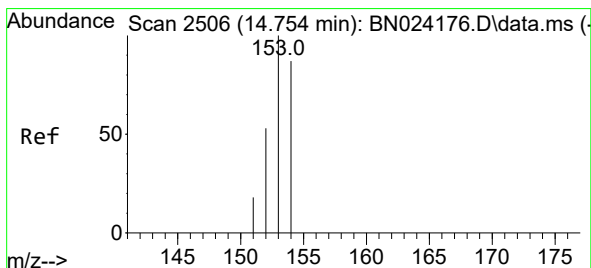
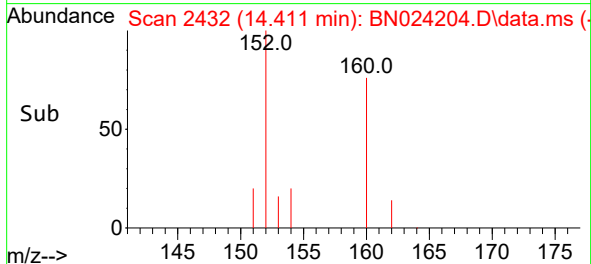
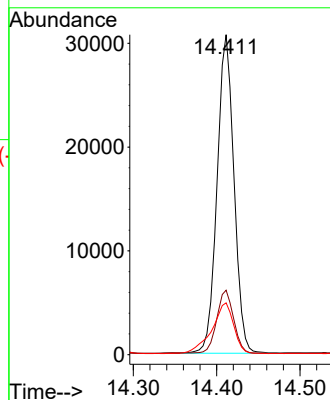
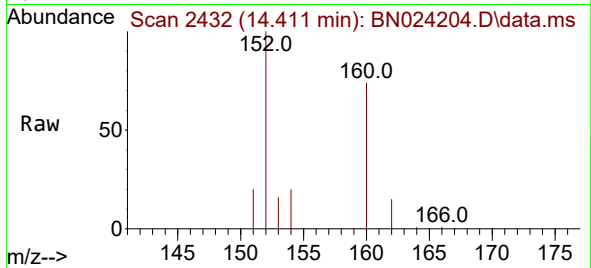




#10
Acenaphthylene
Concen: 0.716 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

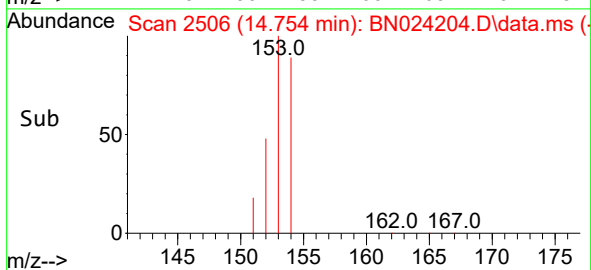
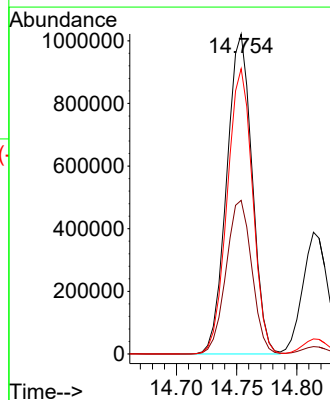
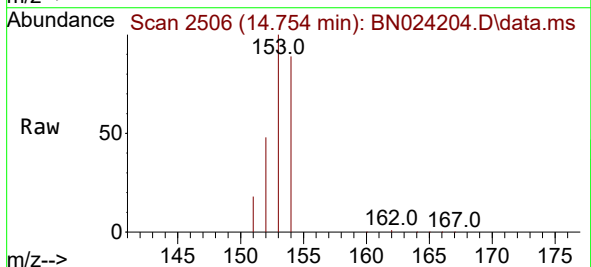
Instrument :
BNA_N
ClientSampleId :
DCAC6

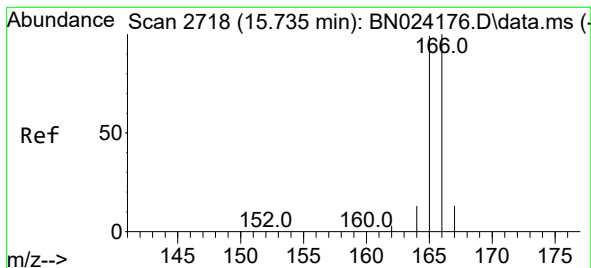
Tgt Ion:152 Resp: 43118
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 16.2 10.6 16.0#



#11
Acenaphthene
Concen: 32.333 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

Tgt Ion:153 Resp: 1499965
Ion Ratio Lower Upper
153 100
152 48.0 42.6 64.0
154 89.1 70.6 105.8





#12

Fluorene

Concen: 13.049 ng/ul

RT: 15.735 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024204.D

Acq: 09 Mar 2023 17:49

Instrument :

BNA_N

ClientSampleId :

DCAC6

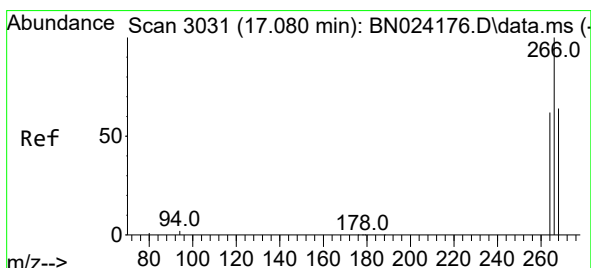
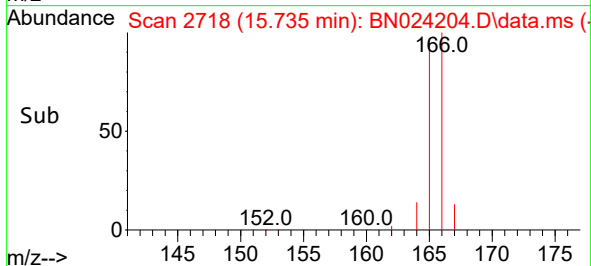
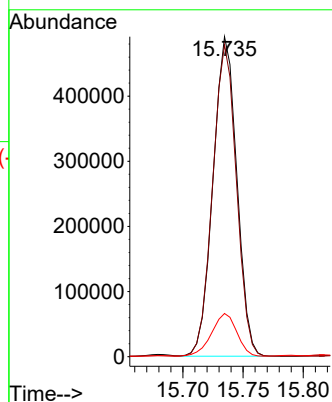
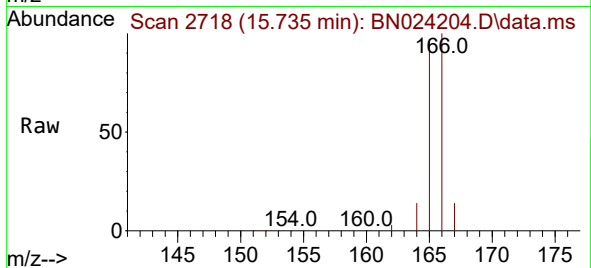
Tgt Ion:166 Resp: 675997

Ion Ratio Lower Upper

166 100

165 97.5 77.4 116.0

167 13.5 10.9 16.3



#14

Pentachlorophenol

Concen: 0.063 ng/ul

RT: 17.076 min Scan# 3030

Delta R.T. 0.000 min

Lab File: BN024204.D

Acq: 09 Mar 2023 17:49

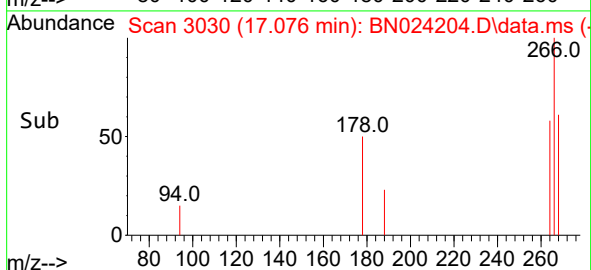
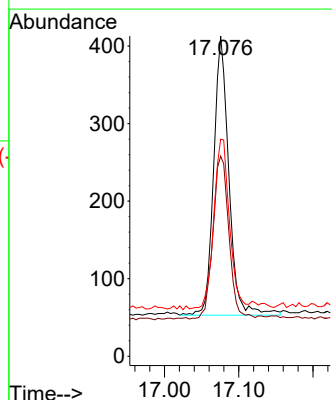
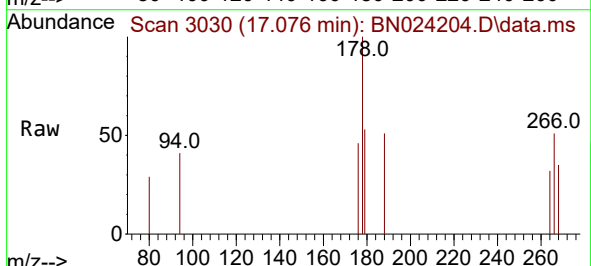
Tgt Ion:266 Resp: 511

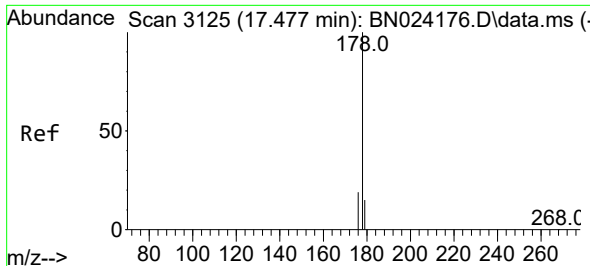
Ion Ratio Lower Upper

266 100

264 61.1 0.0 0.0#

268 61.8 0.1 0.1#

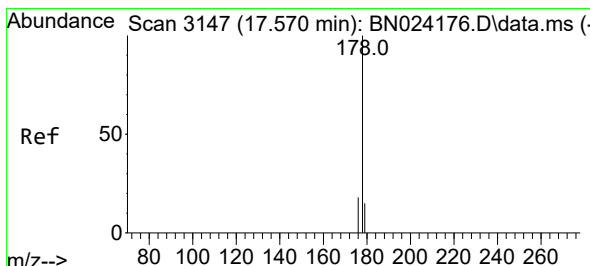
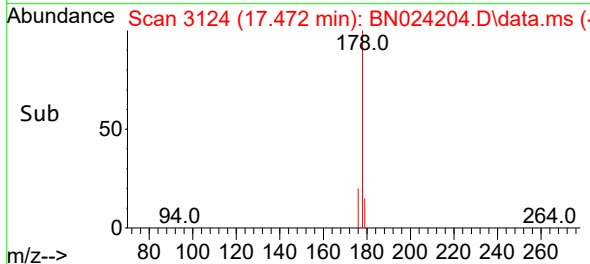
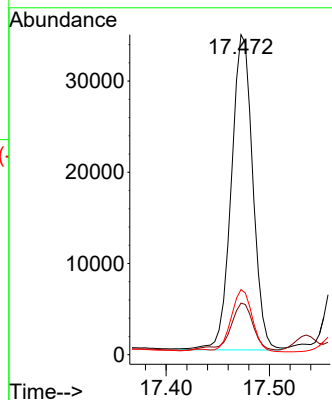
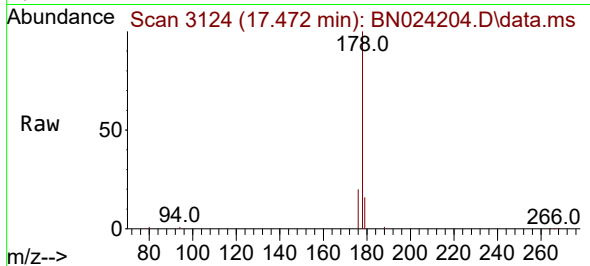




#15
Phenanthrene
Concen: 0.597 ng/ul
RT: 17.472 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

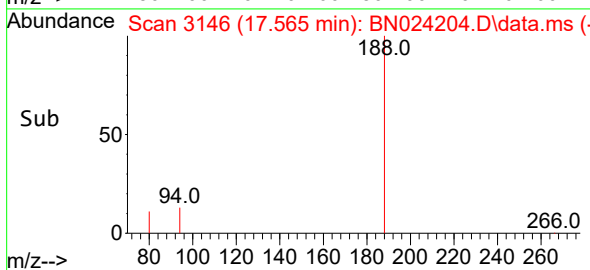
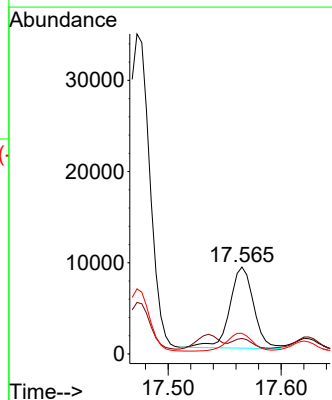
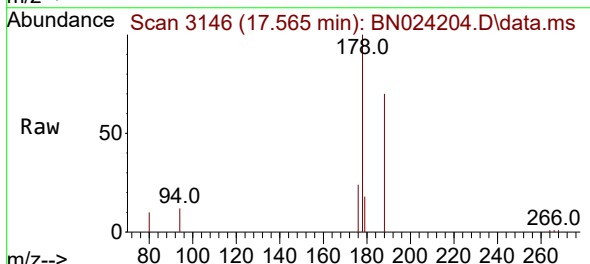
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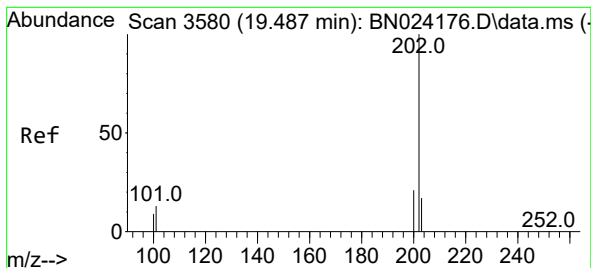
Tgt Ion:178 Resp: 49915
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 20.3 15.7 23.5



#16
Anthracene
Concen: 0.178 ng/ul
RT: 17.565 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN024204.D
Acq: 09 Mar 2023 17:49

Tgt Ion:178 Resp: 13072
Ion Ratio Lower Upper
178 100
179 18.0 12.3 18.5
176 23.7 15.3 22.9#





#19

Fluoranthene

Concen: 0.283 ng/ul

RT: 19.483 min Scan# 3579

Delta R.T. 0.000 min

Lab File: BN024204.D

Acq: 09 Mar 2023 17:49

Instrument :

BNA_N

ClientSampleId :

DCAC6

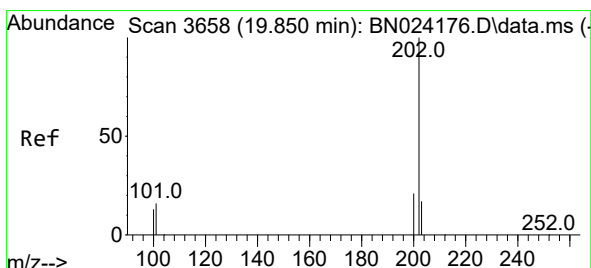
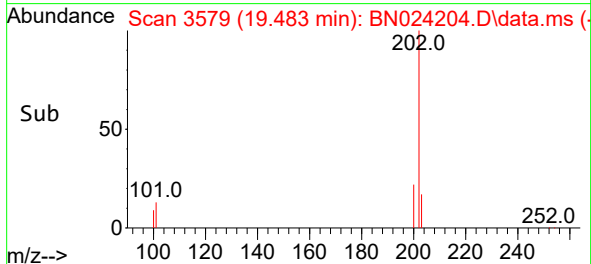
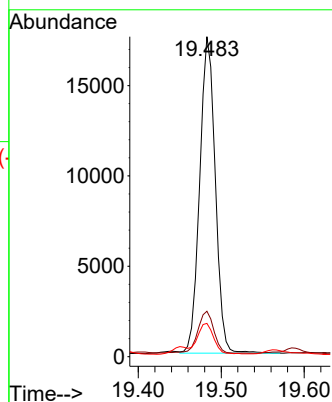
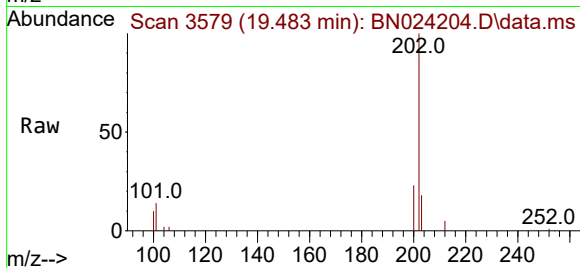
Tgt Ion:202 Resp: 22922

Ion Ratio Lower Upper

202 100

101 14.2 10.4 15.6

100 10.4 7.7 11.5



#20

Pyrene

Concen: 0.176 ng/ul

RT: 19.845 min Scan# 3657

Delta R.T. 0.000 min

Lab File: BN024204.D

Acq: 09 Mar 2023 17:49

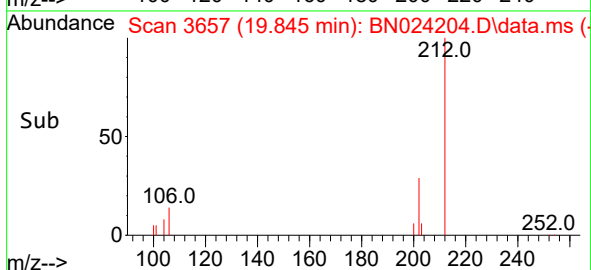
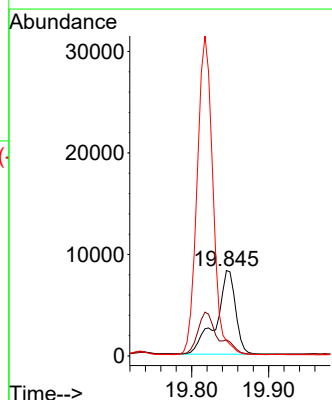
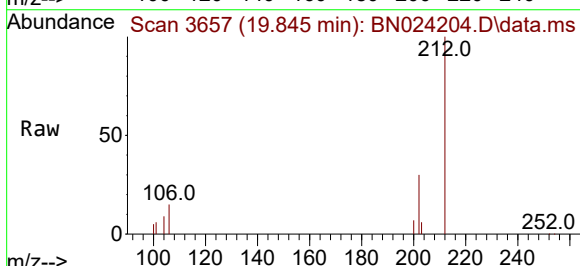
Tgt Ion:202 Resp: 14446

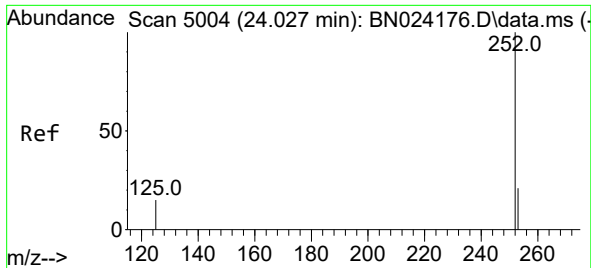
Ion Ratio Lower Upper

202 100

101 18.9 12.1 18.1#

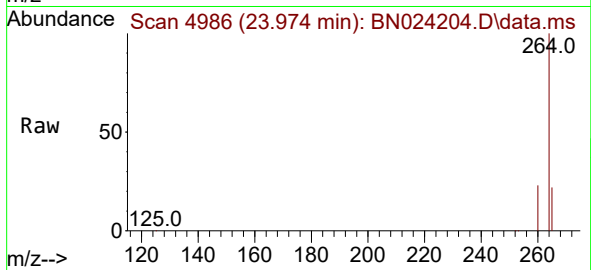
100 17.9 9.4 14.0#





#26
 Benzo(a)pyrene
 Concen: 0.141 ng/ul
 RT: 23.974 min Scan# 4986
 Delta R.T. -0.029 min
 Lab File: BN024204.D
 Acq: 09 Mar 2023 17:49

Instrument :
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Tgt Ion:252 Resp: 7329
 Ion Ratio Lower Upper
 252 100
 253 38.8 19.2 28.8#
 125 35.7 15.8 23.6#

