

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024198.D
 Acq On : 09 Mar 2023 14:07
 Operator : CG/JU
 Sample : 01746-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF5

Quant Time: Mar 10 02:23:55 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)

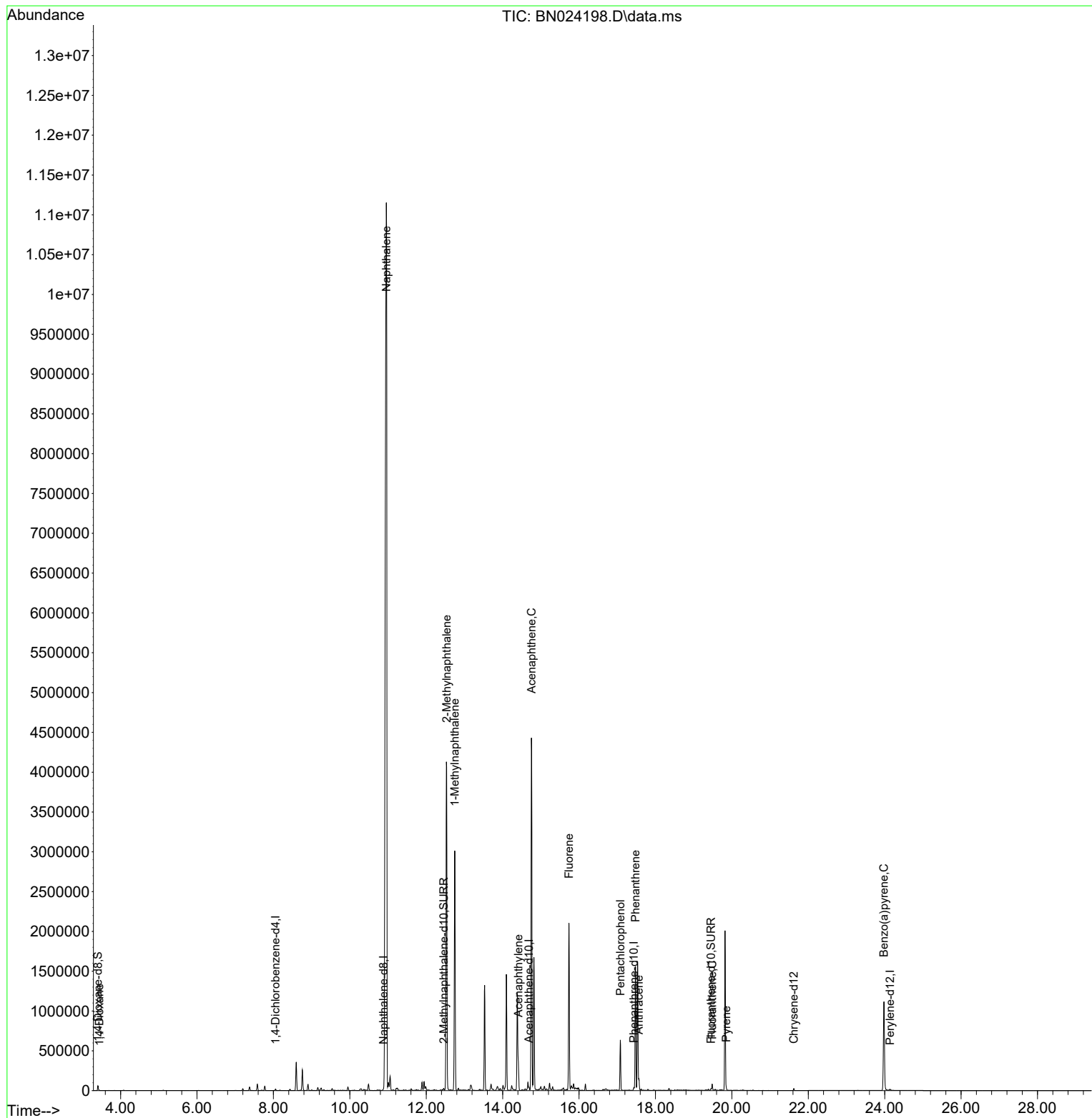
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	28196	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.689	164	19539	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	33451	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	23865	0.400	ng/ul	0.00
23) Perylene-d12	24.138	264	17816	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	37410	3.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	10982	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	24745	0.390	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	282	0.026	ng/ul#	27
5) Naphthalene	10.955	128	25197130	358.020	ng/ul	95
7) 2-Methylnaphthalene	12.533	142	3066346	71.816	ng/ul	99
8) 1-Methylnaphthalene	12.747	142	2086038	46.489	ng/ul	99
10) Acenaphthylene	14.411	152	350056	4.294	ng/ul	98
11) Acenaphthene	14.754	153	2668943	42.494	ng/ul	97
12) Fluorene	15.734	166	1347462	19.212	ng/ul	99
14) Pentachlorophenol	17.080	266	384078	41.338	ng/ul#	73
15) Phenanthrene	17.477	178	1670917	17.440	ng/ul	99
16) Anthracene	17.565	178	139385	1.658	ng/ul	98
19) Fluoranthene	19.483	202	63492	0.668	ng/ul	96
20) Pyrene	19.850	202	27455	0.285	ng/ul#	89
26) Benzo(a)pyrene	23.980	252	6298	0.108	ng/ul#	64

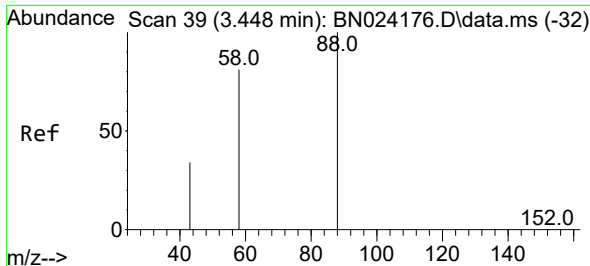
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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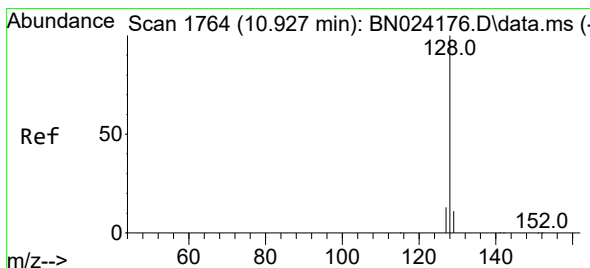
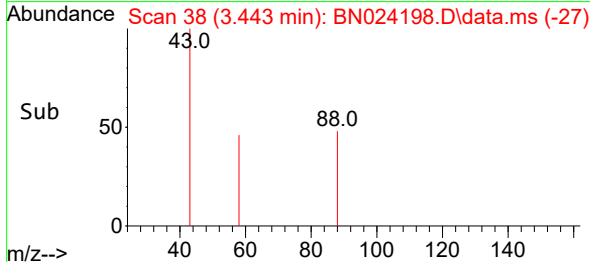
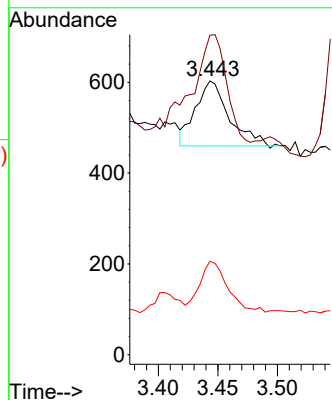
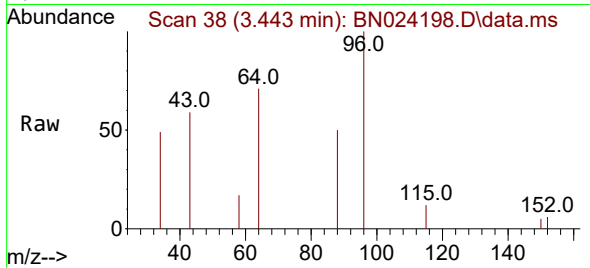




#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

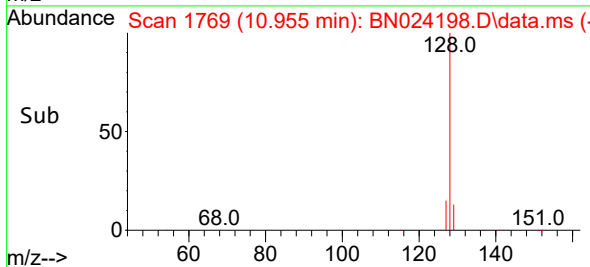
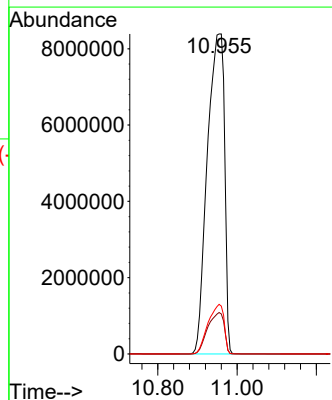
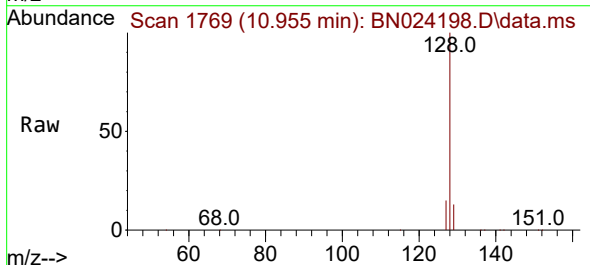
Instrument :
BNA_N
ClientSampleId :
DCAF5

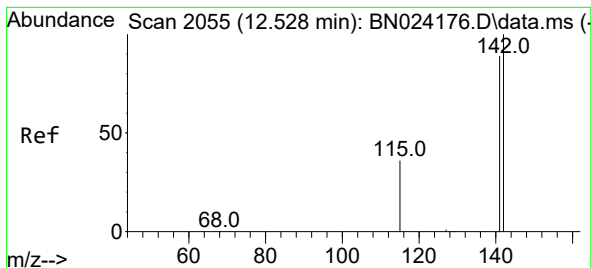
Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 116.7 32.1 48.1#
58 34.2 55.1 82.7#



#5
Naphthalene
Concen: 358.020 ng/ul
RT: 10.955 min Scan# 1769
Delta R.T. 0.033 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

Tgt Ion:128 Resp:25197130
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 15.5 10.5 15.7

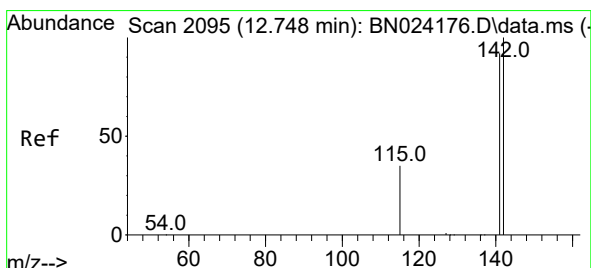
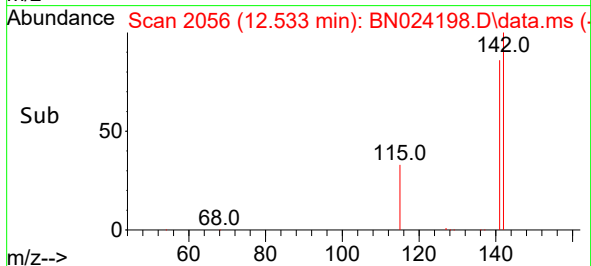
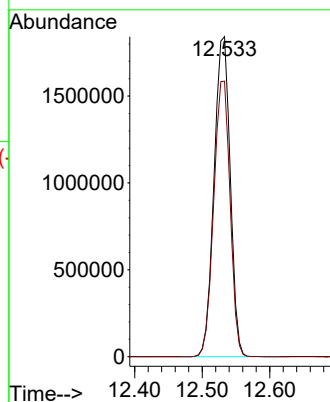
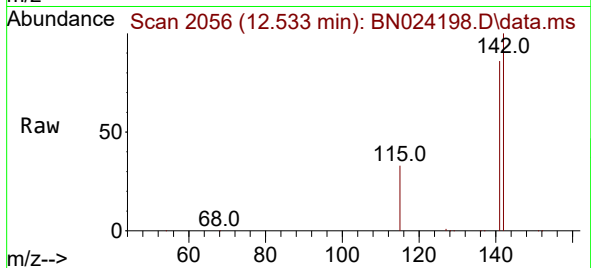




#7
2-Methylnaphthalene
Concen: 71.816 ng/ul
RT: 12.533 min Scan# 2056
Delta R.T. 0.011 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

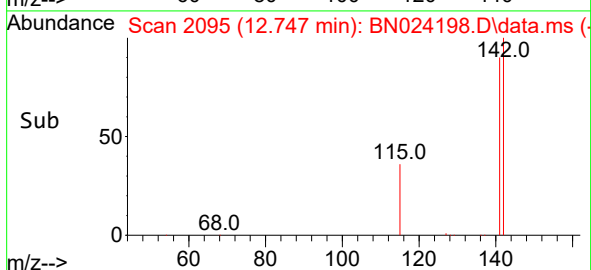
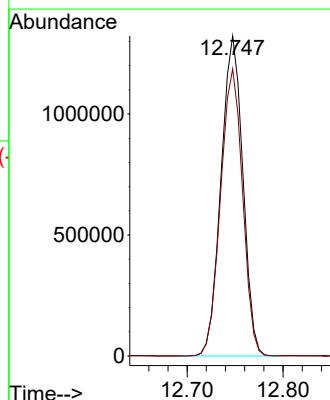
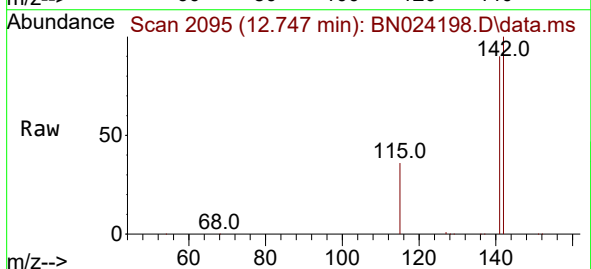
Instrument :
BNA_N
ClientSampleId :
DCAF5

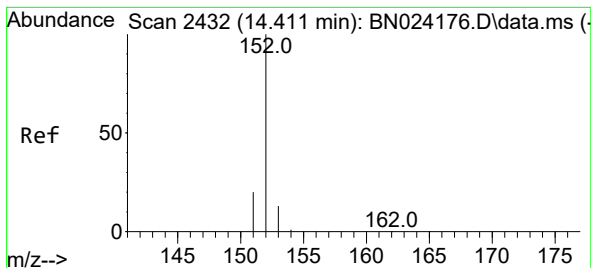
Tgt Ion:142 Resp: 3066346
Ion Ratio Lower Upper
142 100
141 87.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 46.489 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

Tgt Ion:142 Resp: 2086038
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.6





#10

Acenaphthylene

Concen: 4.294 ng/ul

RT: 14.411 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN024198.D

Acq: 09 Mar 2023 14:07

Instrument :

BNA_N

ClientSampleId :

DCAF5

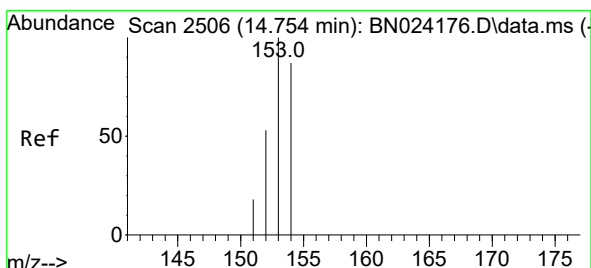
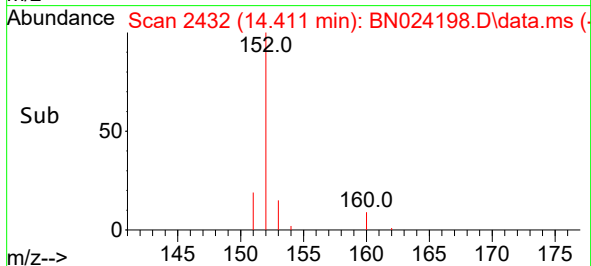
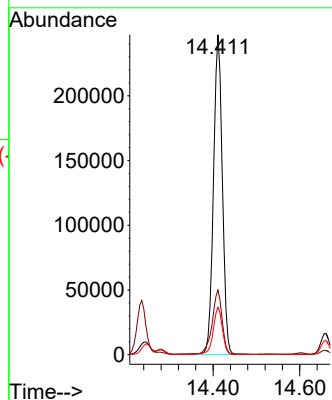
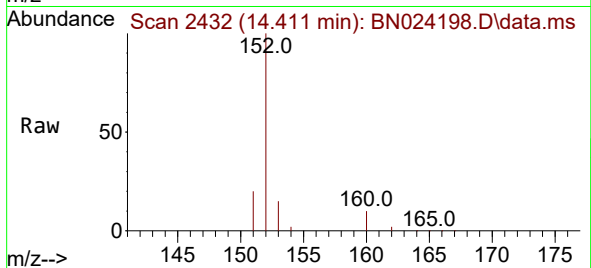
Tgt Ion:152 Resp: 350056

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 14.8 10.6 16.0



#11

Acenaphthene

Concen: 42.494 ng/ul

RT: 14.754 min Scan# 2506

Delta R.T. 0.005 min

Lab File: BN024198.D

Acq: 09 Mar 2023 14:07

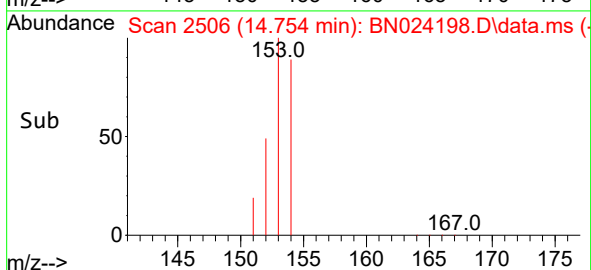
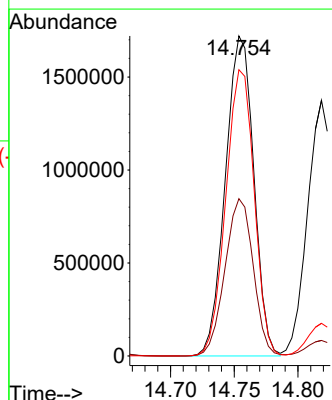
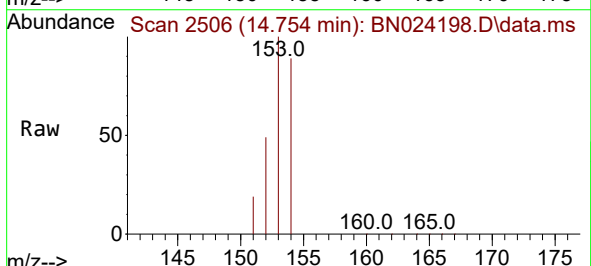
Tgt Ion:153 Resp: 2668943

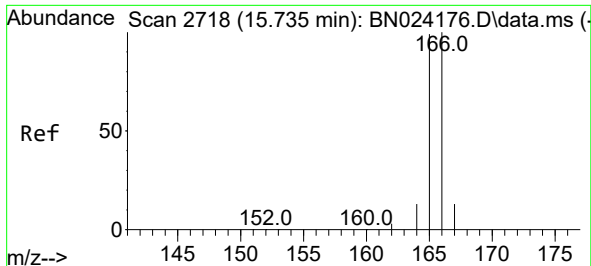
Ion Ratio Lower Upper

153 100

152 49.2 42.6 64.0

154 89.4 70.6 105.8

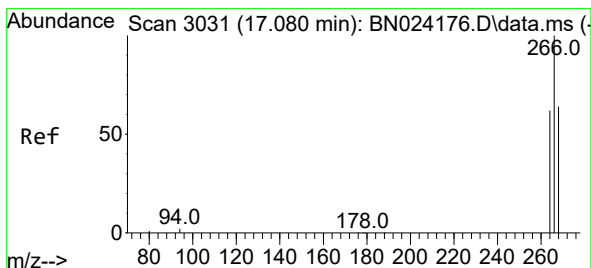
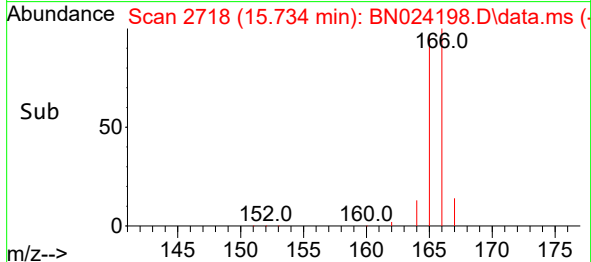
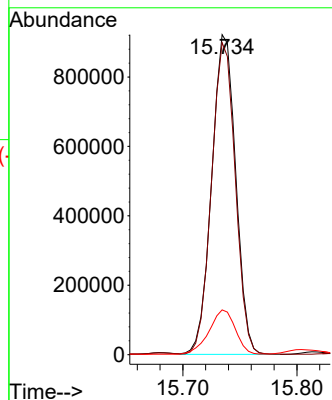
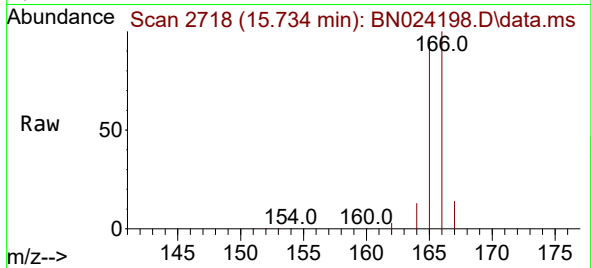




#12
Fluorene
Concen: 19.212 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

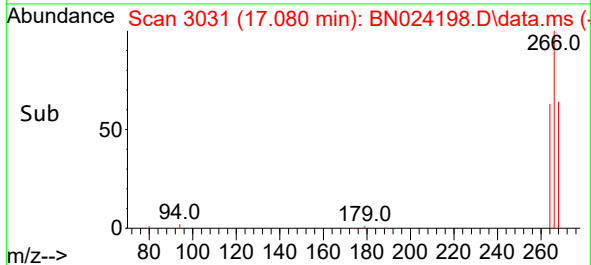
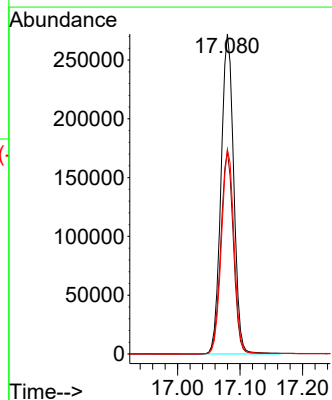
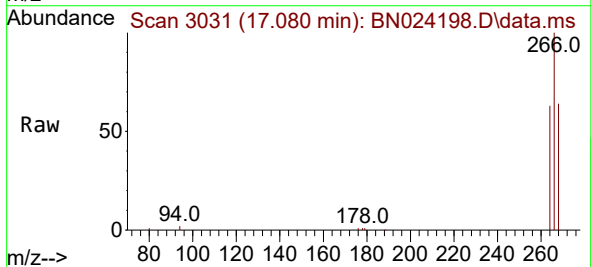
Instrument :
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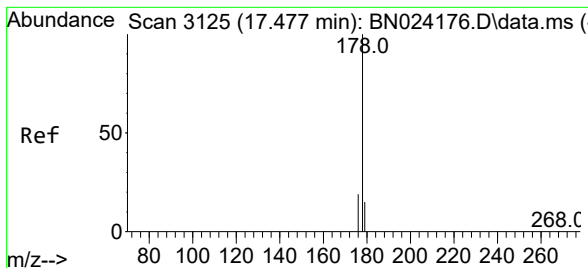
Tgt Ion:166 Resp: 1347462
Ion Ratio Lower Upper
166 100
165 97.5 77.4 116.0
167 14.0 10.9 16.3



#14
Pentachlorophenol
Concen: 41.338 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

Tgt Ion:266 Resp: 384078
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 63.9 0.1 0.1#





#15

Phenanthrene

Concen: 17.440 ng/ul

RT: 17.477 min Scan# 3125

Delta R.T. 0.004 min

Lab File: BN024198.D

Acq: 09 Mar 2023 14:07

Instrument :

BNA_N

ClientSampleId :

DCAF5

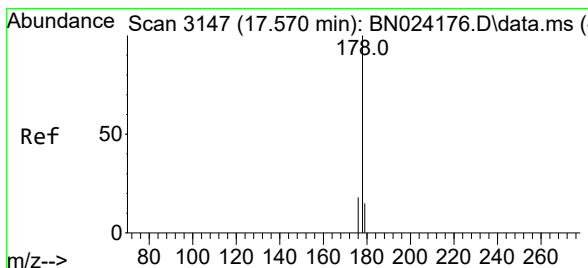
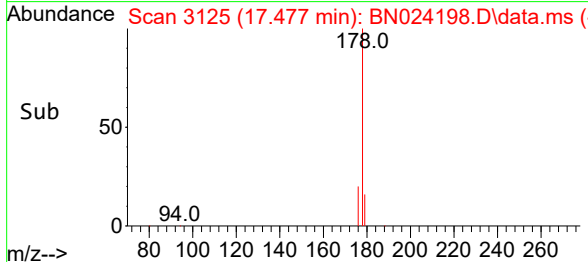
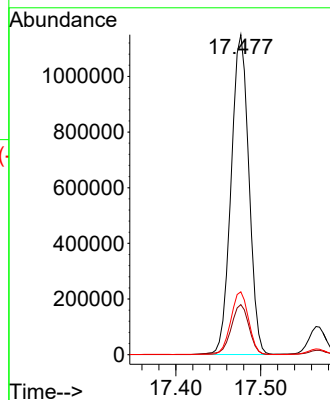
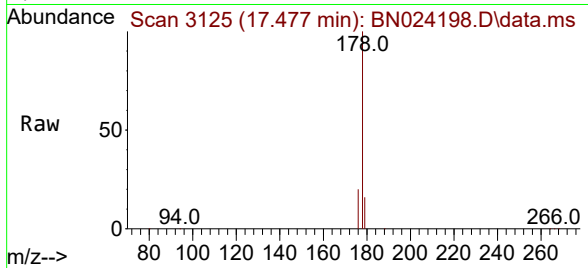
Tgt Ion:178 Resp: 1670917

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.6 15.7 23.5



#16

Anthracene

Concen: 1.658 ng/ul

RT: 17.565 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BN024198.D

Acq: 09 Mar 2023 14:07

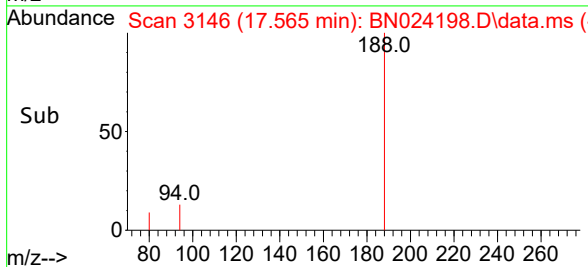
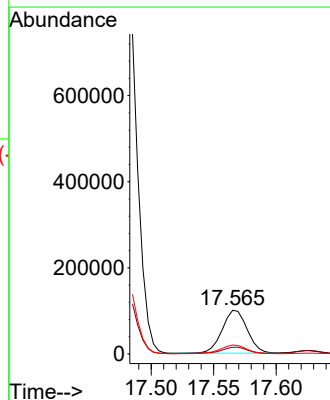
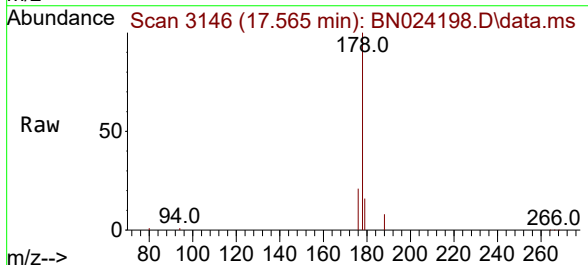
Tgt Ion:178 Resp: 139385

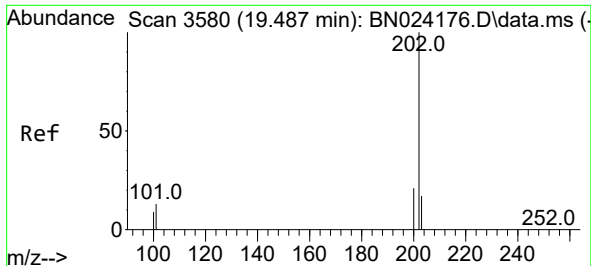
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 20.5 15.3 22.9

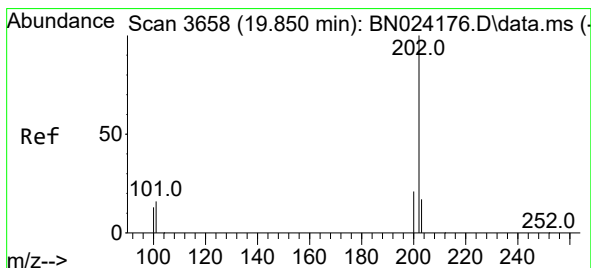
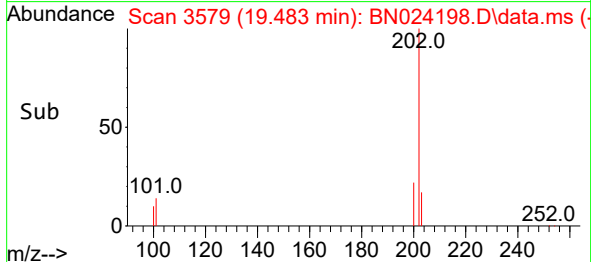
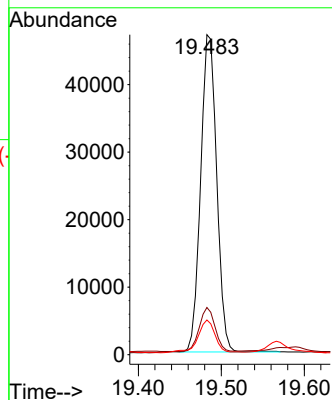
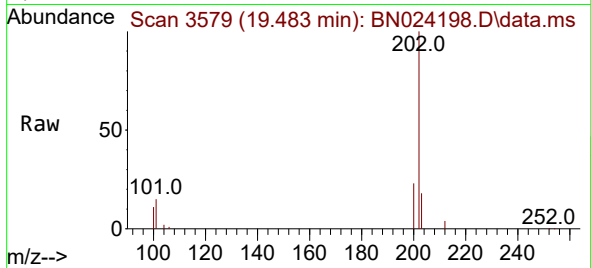




#19
Fluoranthene
Concen: 0.668 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. -0.000 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

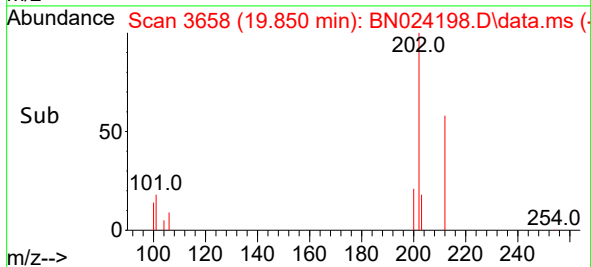
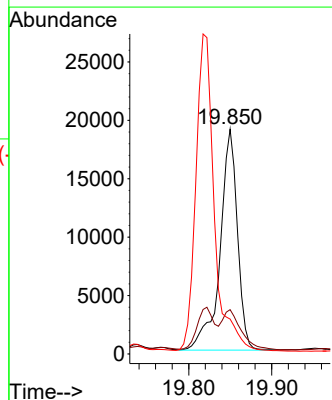
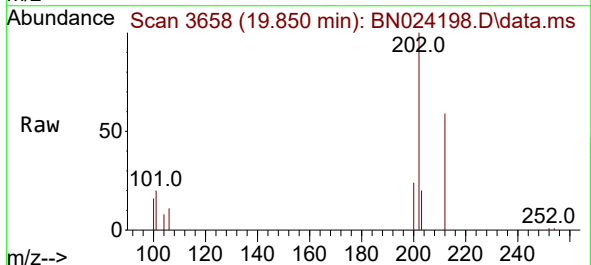
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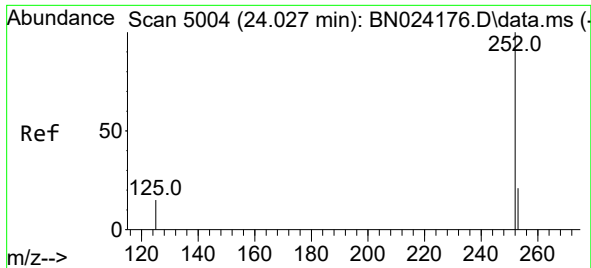
Tgt Ion:202 Resp: 63492
Ion Ratio Lower Upper
202 100
101 14.8 10.4 15.6
100 10.9 7.7 11.5



#20
Pyrene
Concen: 0.285 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. 0.005 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

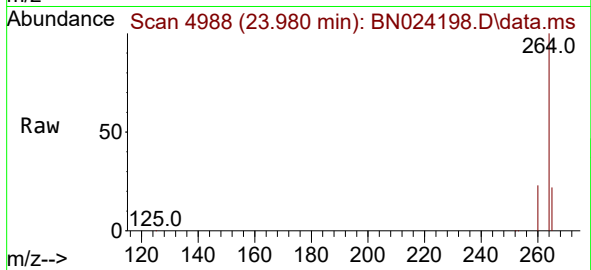
Tgt Ion:202 Resp: 27455
Ion Ratio Lower Upper
202 100
101 19.7 12.1 18.1#
100 15.5 9.4 14.0#





#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.980 min Scan# 4988
Delta R.T. -0.023 min
Lab File: BN024198.D
Acq: 09 Mar 2023 14:07

Instrument :
BNA_N
ClientSampleId :
DCAF5



Tgt Ion:252 Resp: 6298
Ion Ratio Lower Upper
252 100
253 40.0 19.2 28.8#
125 38.5 15.8 23.6#

