

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024221.D
 Acq On : 10 Mar 2023 04:51
 Operator : CG/JU
 Sample : 01784-12
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC0

Quant Time: Mar 10 05:43:22 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)

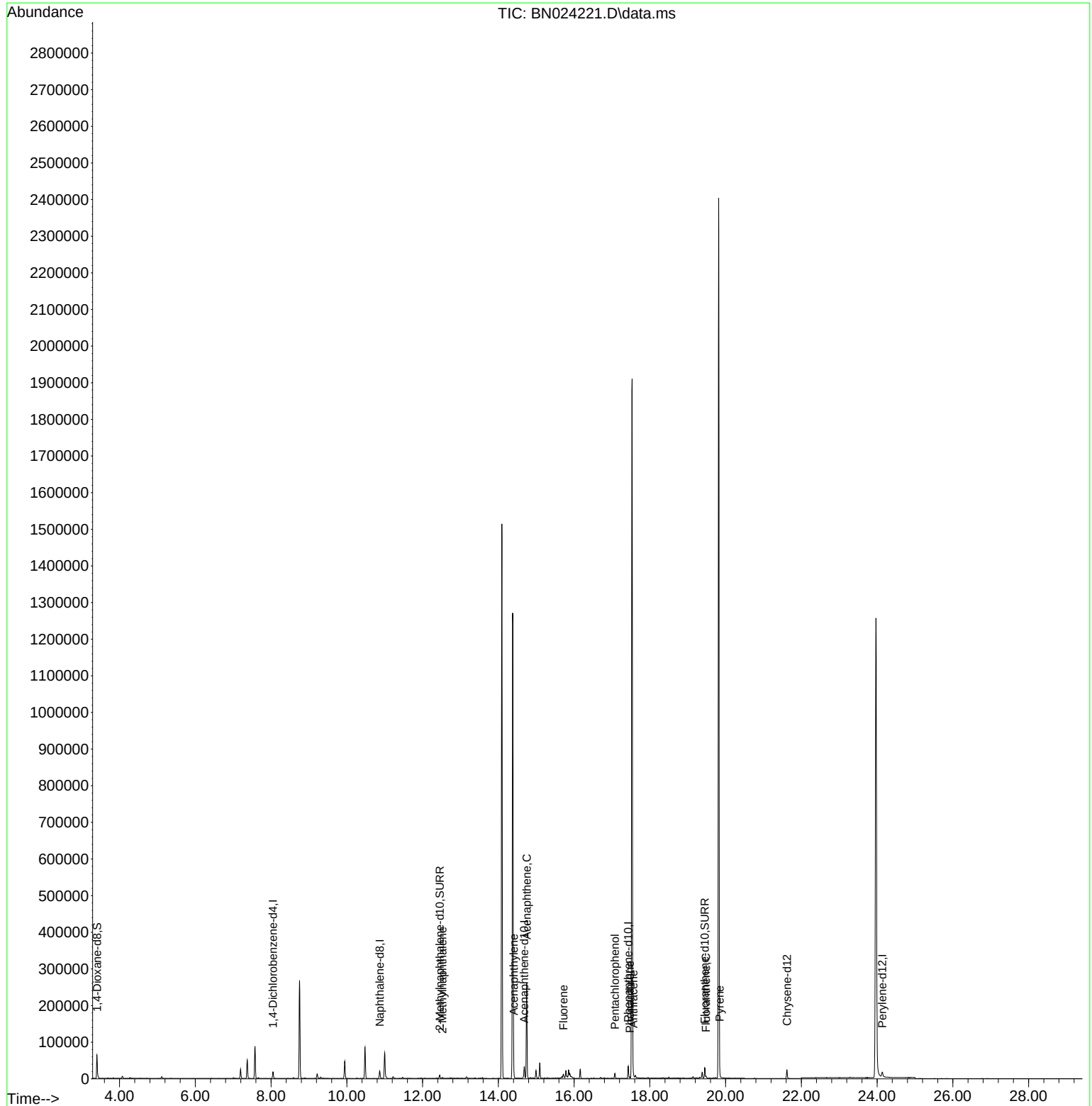
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	8900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.866	136	27433	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	16371	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.430	188	33518	0.400	ng/ul	0.00
17) Chrysene-d12	21.620	240	23561	0.400	ng/ul	0.01
23) Perylene-d12	24.137	264	21332	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	40101	4.094	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.450	152	10641	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	28235	0.450	ng/ul	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.522	142	1129	0.027	ng/ul	96
10) Acenaphthylene	14.406	152	11647	0.171	ng/ul	97
11) Acenaphthene	14.749	153	144639	2.749	ng/ul	98
12) Fluorene	15.716	166	7369	0.125	ng/ul#	1
14) Pentachlorophenol	17.075	266	8086	0.869	ng/ul#	73
15) Phenanthrene	17.472	178	4034	0.042	ng/ul#	89
16) Anthracene	17.565	178	7048	0.084	ng/ul#	94
19) Fluoranthene	19.482	202	4028	0.043	ng/ul#	88
20) Pyrene	19.845	202	5154	0.054	ng/ul#	84

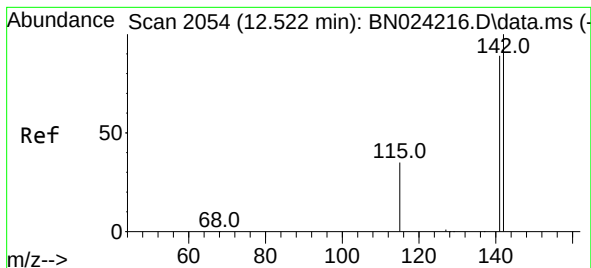
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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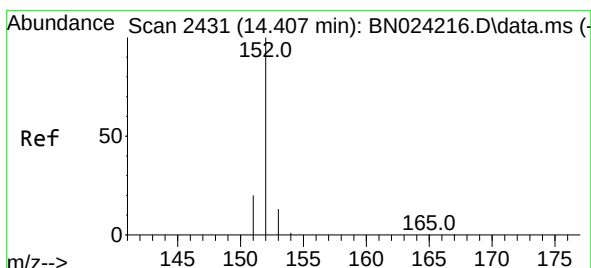
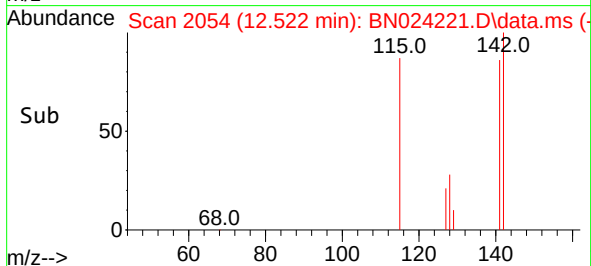
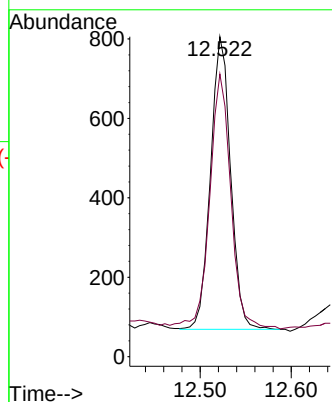
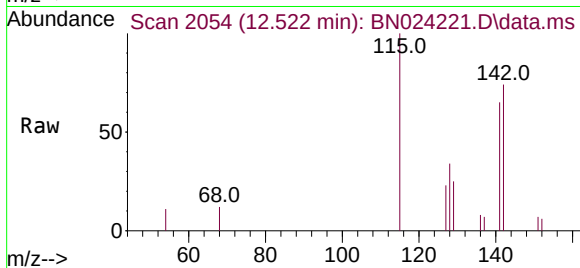




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN024221.D
Acq: 10 Mar 2023 04:51

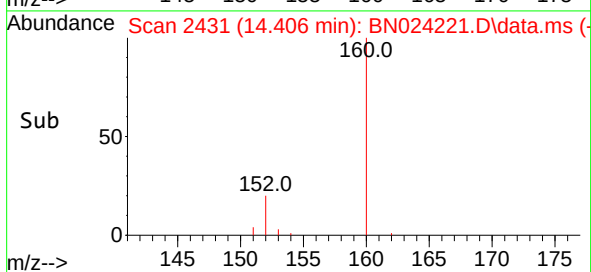
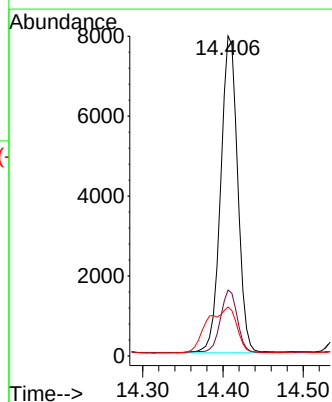
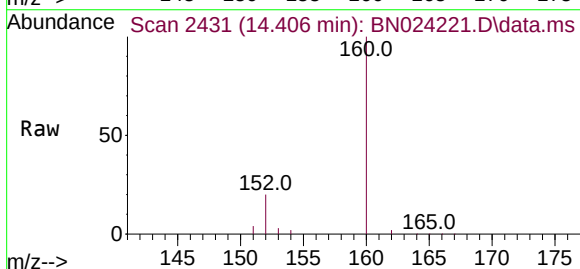
Instrument :
BNA_N
ClientSampleId :
DCAC0

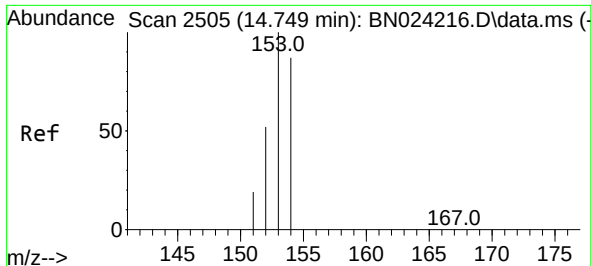
Tgt Ion:142 Resp: 1129
Ion Ratio Lower Upper
142 100
141 91.9 70.3 105.5



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.406 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN024221.D
Acq: 10 Mar 2023 04:51

Tgt Ion:152 Resp: 11647
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 15.3 10.6 16.0

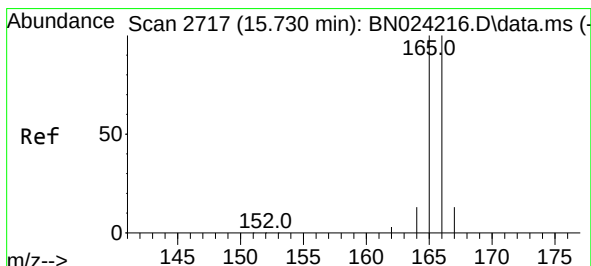
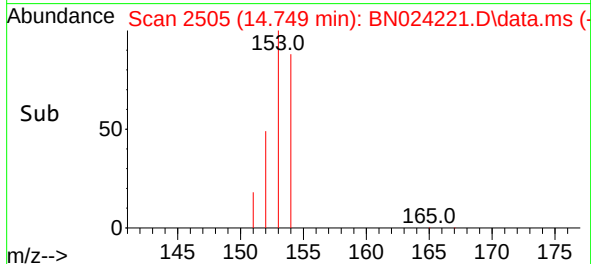
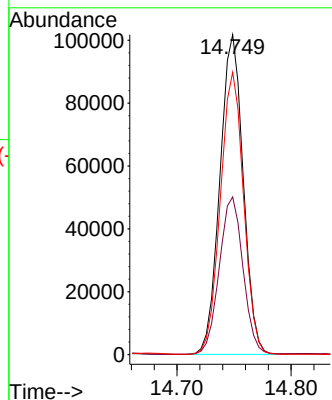
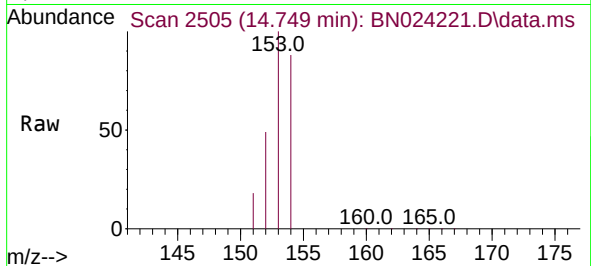




#11
Acenaphthene
Concen: 2.749 ng/ul
RT: 14.749 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024221.D
Acq: 10 Mar 2023 04:51

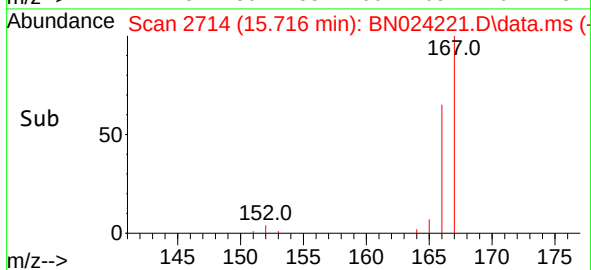
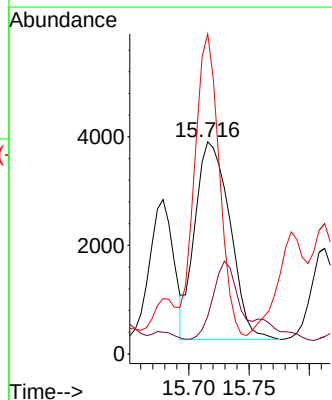
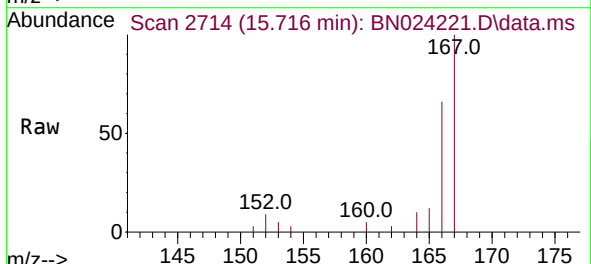
Instrument :
BNA_N
ClientSampleId :
DCAC0

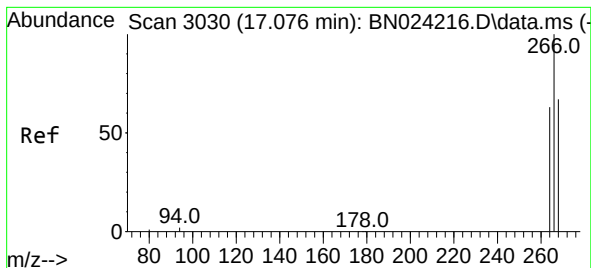
Tgt Ion:153 Resp: 144639
Ion Ratio Lower Upper
153 100
152 49.3 42.6 64.0
154 88.2 70.6 105.8



#12
Fluorene
Concen: 0.125 ng/ul
RT: 15.716 min Scan# 2714
Delta R.T. -0.014 min
Lab File: BN024221.D
Acq: 10 Mar 2023 04:51

Tgt Ion:166 Resp: 7369
Ion Ratio Lower Upper
166 100
165 17.7 77.4 116.0#
167 150.8 10.9 16.3#





#14

Pentachlorophenol

Concen: 0.869 ng/ul

RT: 17.075 min Scan# 3030

Delta R.T. -0.000 min

Lab File: BN024221.D

Acq: 10 Mar 2023 04:51

Instrument :

BNA_N

ClientSampleId :

DCAC0

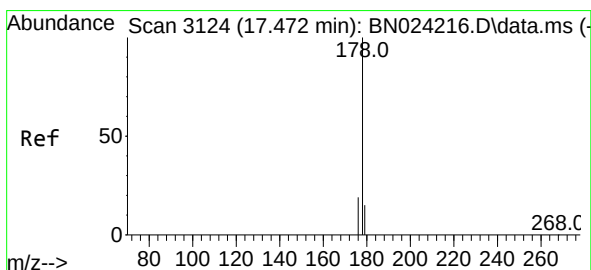
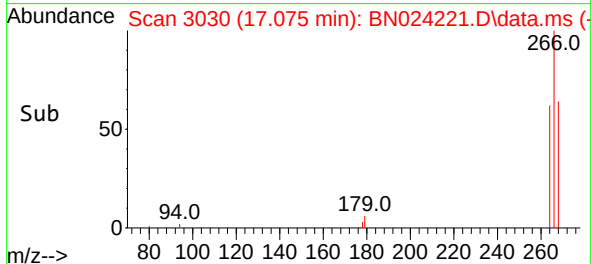
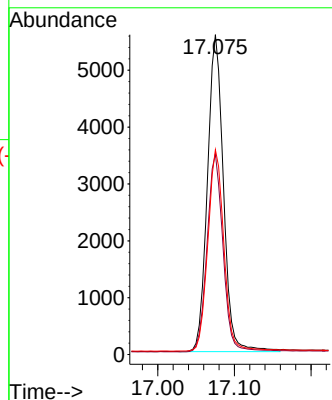
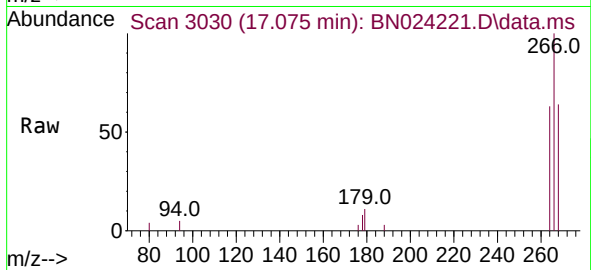
Tgt Ion:266 Resp: 8086

Ion Ratio Lower Upper

266 100

264 62.3 0.0 0.0#

268 63.8 0.1 0.1#



#15

Phenanthrene

Concen: 0.042 ng/ul

RT: 17.472 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BN024221.D

Acq: 10 Mar 2023 04:51

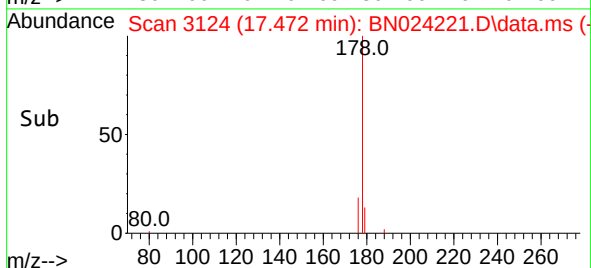
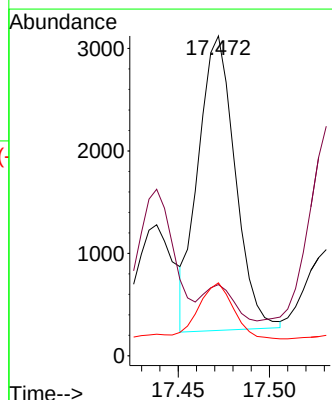
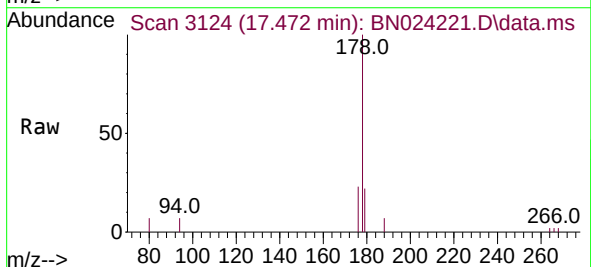
Tgt Ion:178 Resp: 4034

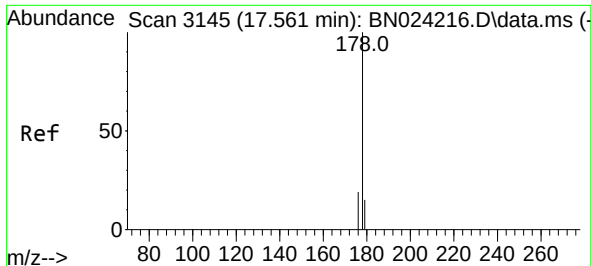
Ion Ratio Lower Upper

178 100

179 22.3 12.2 18.2#

176 22.8 15.7 23.5

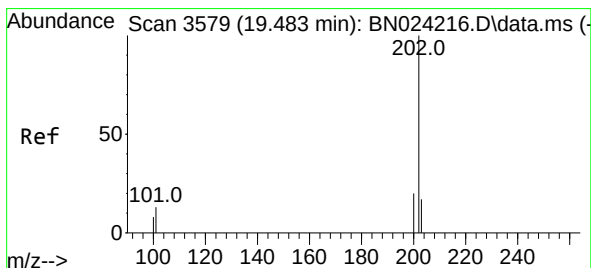
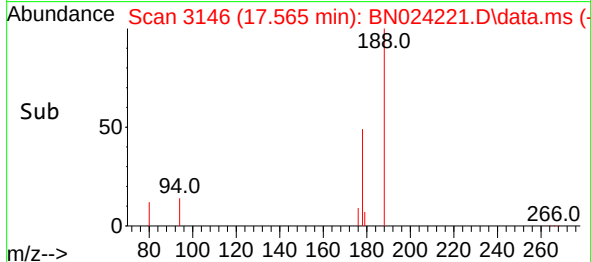
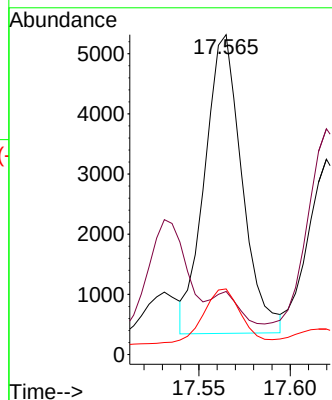
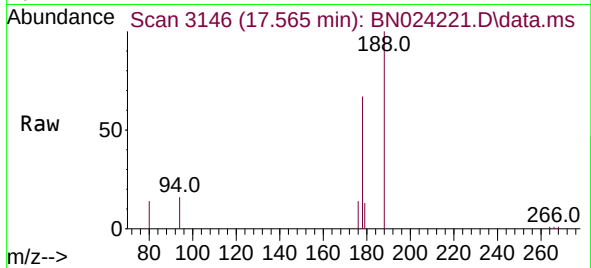




#16
 Anthracene
 Concen: 0.084 ng/ul
 RT: 17.565 min Scan# 3145
 Delta R.T. 0.004 min
 Lab File: BN024221.D
 Acq: 10 Mar 2023 04:51

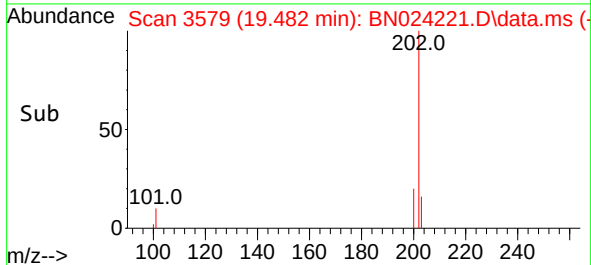
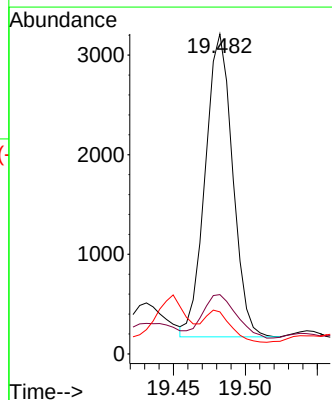
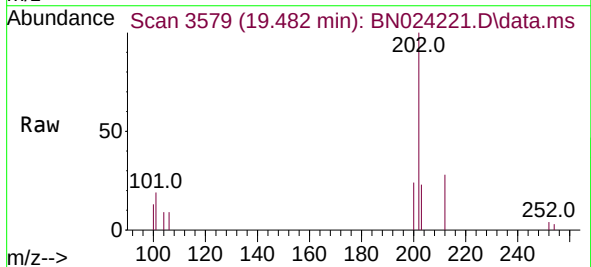
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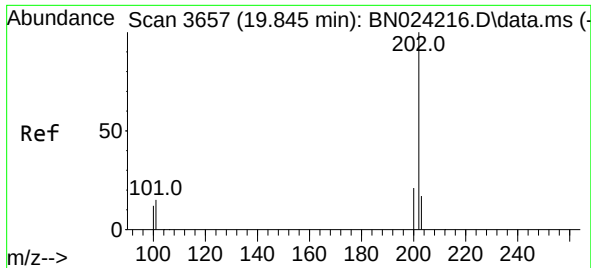
Tgt Ion:178 Resp: 7048
 Ion Ratio Lower Upper
 178 100
 179 19.7 12.3 18.5#
 176 20.5 15.3 22.9



#19
 Fluoranthene
 Concen: 0.043 ng/ul
 RT: 19.482 min Scan# 3579
 Delta R.T. -0.000 min
 Lab File: BN024221.D
 Acq: 10 Mar 2023 04:51

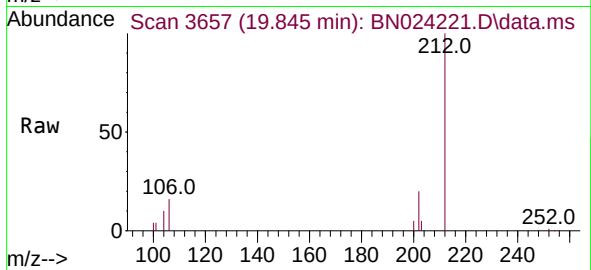
Tgt Ion:202 Resp: 4028
 Ion Ratio Lower Upper
 202 100
 101 18.5 10.4 15.6#
 100 13.1 7.7 11.5#





#20
 Pyrene
 Concen: 0.054 ng/ul
 RT: 19.845 min Scan# 3657
 Delta R.T. -0.000 min
 Lab File: BN024221.D
 Acq: 10 Mar 2023 04:51

Instrument :
 BNA_N
 ClientSampleId :
 DCAC0



Tgt Ion:202 Resp: 5154
 Ion Ratio Lower Upper
 202 100
 101 20.1 12.1 18.1#
 100 20.0 9.4 14.0#

