

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024207.D
 Acq On : 09 Mar 2023 19:41
 Operator : CG/JU
 Sample : 01746-03DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC7DL

Quant Time: Mar 10 02:25:16 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)

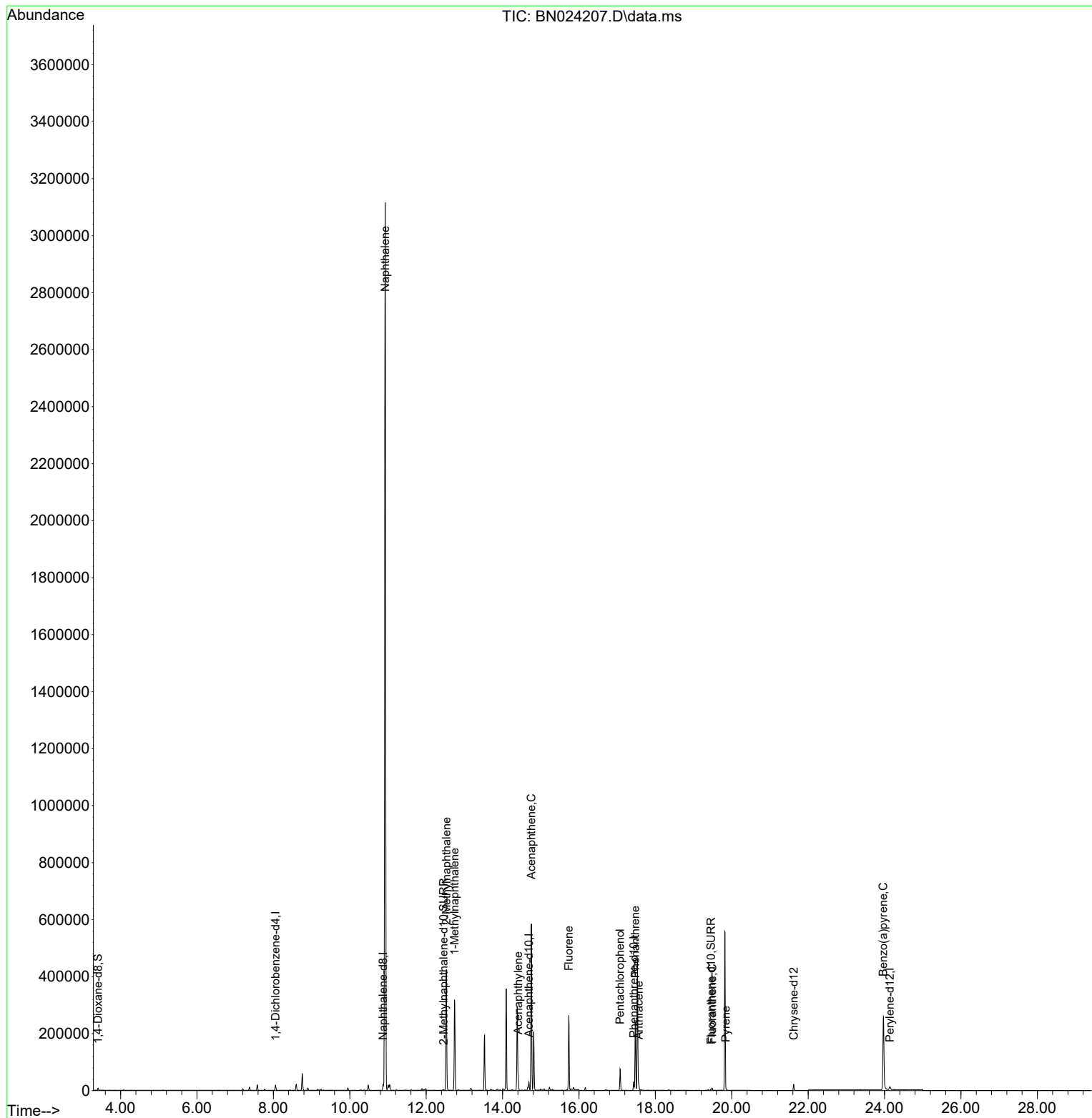
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9085	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	27439	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	15642	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	31661	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	20799	0.400	ng/ul	0.00
23) Perylene-d12	24.138	264	14908	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4317	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	2464	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	5283	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.927	128	4424429	64.600	ng/ul	100
7) 2-Methylnaphthalene	12.527	142	297072	7.150	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	215647	4.938	ng/ul	100
10) Acenaphthylene	14.411	152	38453	0.589	ng/ul	98
11) Acenaphthene	14.754	153	329420	6.552	ng/ul	98
12) Fluorene	15.734	166	162246	2.890	ng/ul	99
14) Pentachlorophenol	17.075	266	45118	5.131	ng/ul#	73
15) Phenanthrene	17.472	178	245491	2.707	ng/ul	100
16) Anthracene	17.565	178	18913	0.238	ng/ul	99
19) Fluoranthene	19.487	202	6548	0.079	ng/ul	97
20) Pyrene	19.845	202	3315	0.039	ng/ul#	79
26) Benzo(a)pyrene	23.965	252	1524	0.031	ng/ul#	18

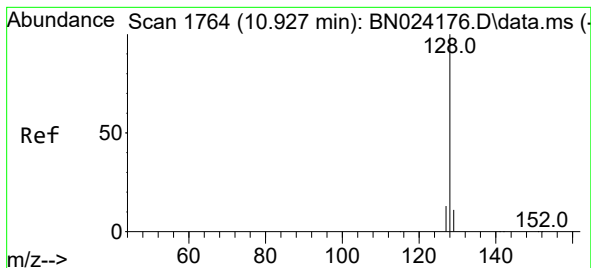
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 64.600 ng/ul

RT: 10.927 min Scan# 1764

Delta R.T. 0.005 min

Lab File: BN024207.D

Acq: 09 Mar 2023 19:41

Instrument :

BNA_N

ClientSampleId :

DCAC7DL

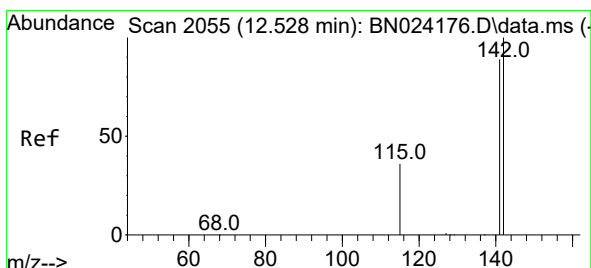
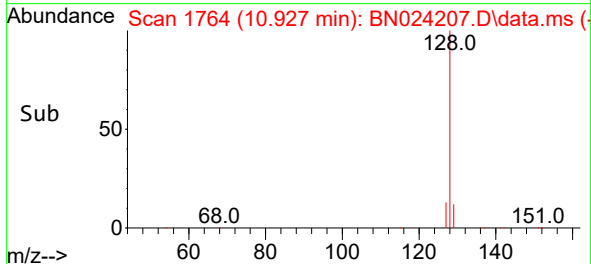
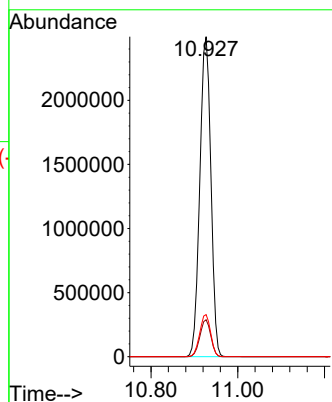
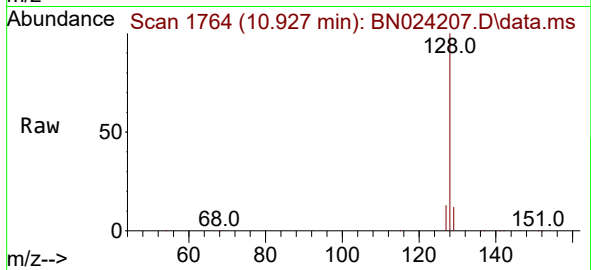
Tgt Ion:128 Resp: 4424429

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.2 10.5 15.7



#7

2-Methylnaphthalene

Concen: 7.150 ng/ul

RT: 12.527 min Scan# 2055

Delta R.T. 0.005 min

Lab File: BN024207.D

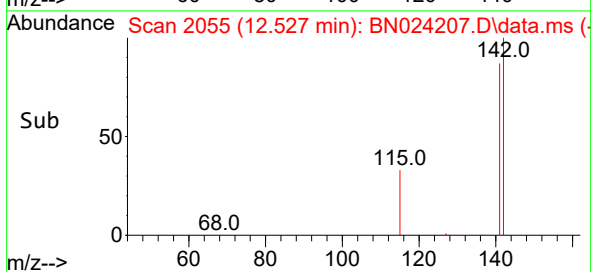
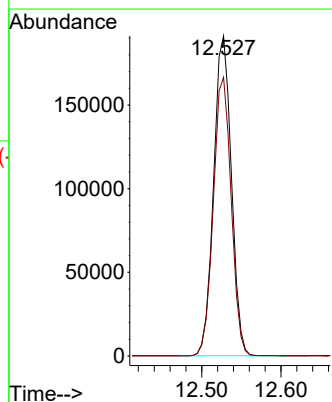
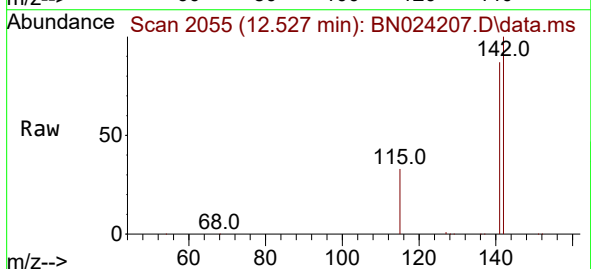
Acq: 09 Mar 2023 19:41

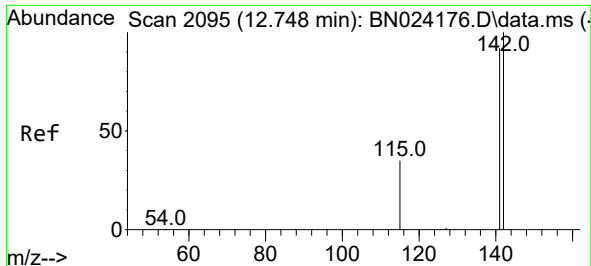
Tgt Ion:142 Resp: 297072

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5

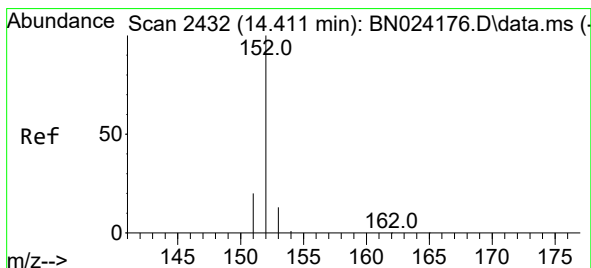
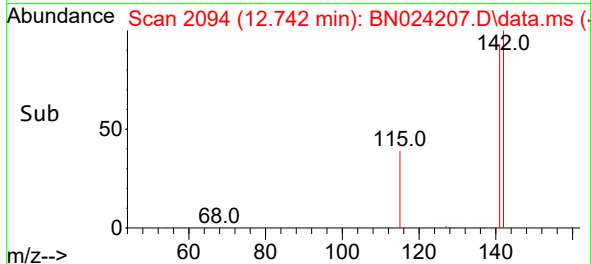
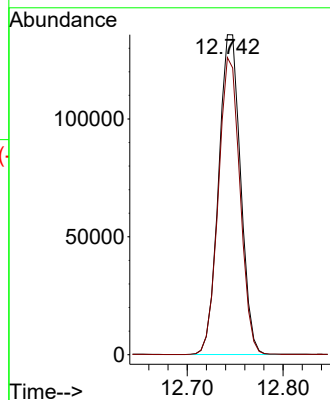
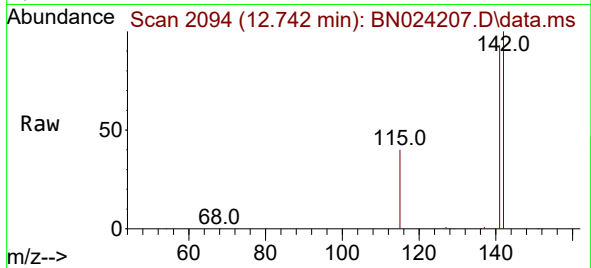




#8
1-Methylnaphthalene
Concen: 4.938 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN024207.D
Acq: 09 Mar 2023 19:41

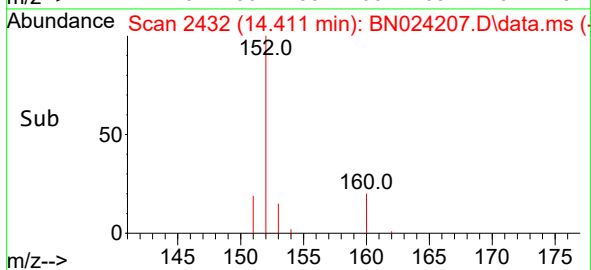
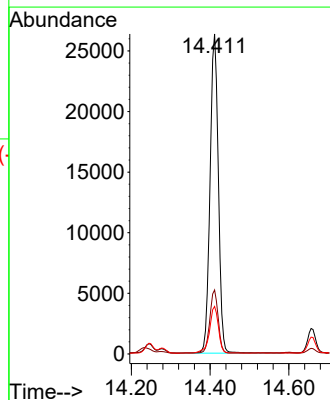
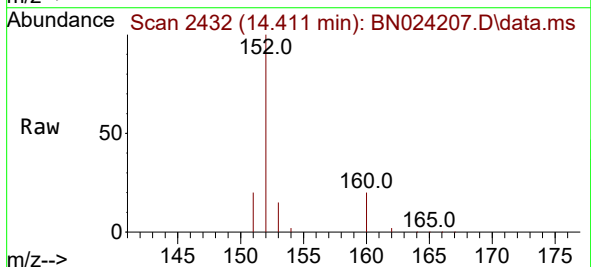
Instrument :
BNA_N
ClientSampleId :
DCAC7DL

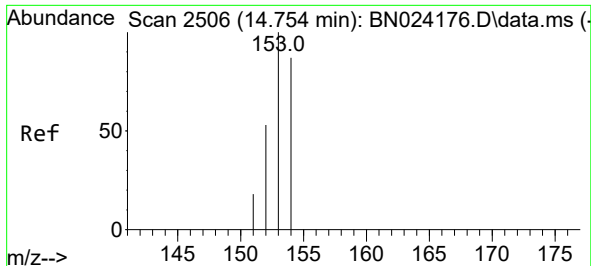
Tgt Ion:142 Resp: 215647
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6



#10
Acenaphthylene
Concen: 0.589 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024207.D
Acq: 09 Mar 2023 19:41

Tgt Ion:152 Resp: 38453
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.8 10.6 16.0

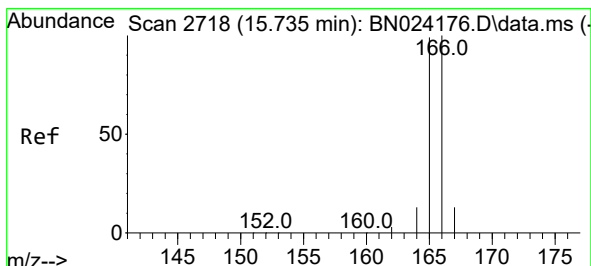
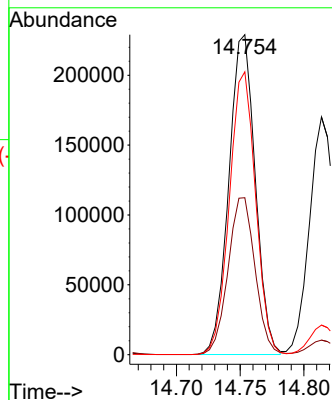
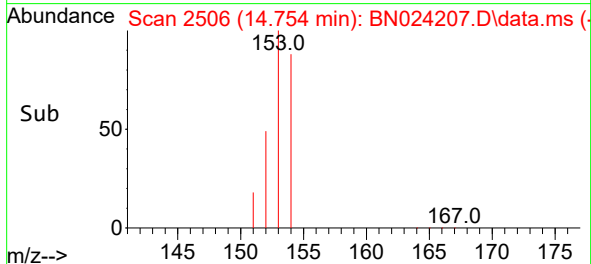
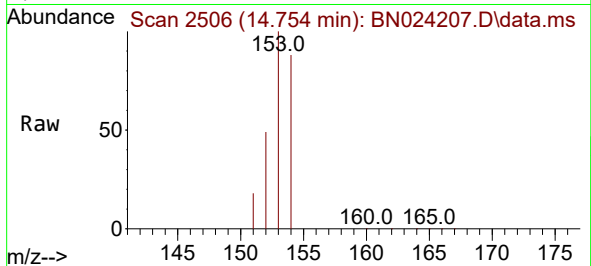




#11
Acenaphthene
Concen: 6.552 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN024207.D
Acq: 09 Mar 2023 19:41

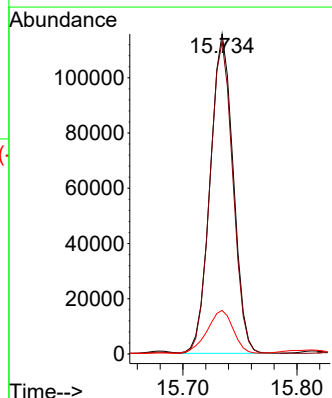
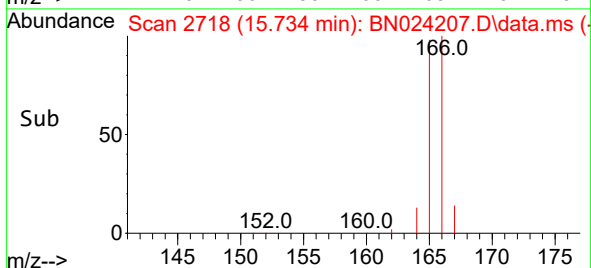
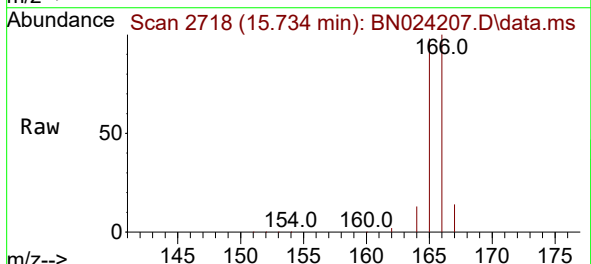
Instrument :
BNA_N
ClientSampleId :
DCAC7DL

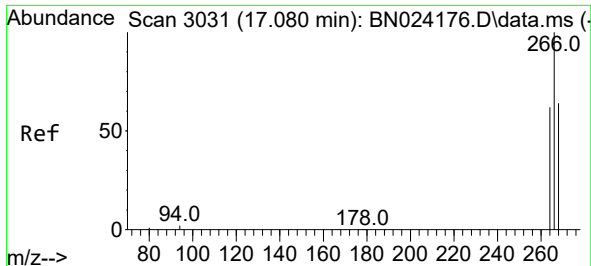
Tgt Ion:153 Resp: 329420
Ion Ratio Lower Upper
153 100
152 49.1 42.6 64.0
154 88.4 70.6 105.8



#12
Fluorene
Concen: 2.890 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BN024207.D
Acq: 09 Mar 2023 19:41

Tgt Ion:166 Resp: 162246
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.6 10.9 16.3

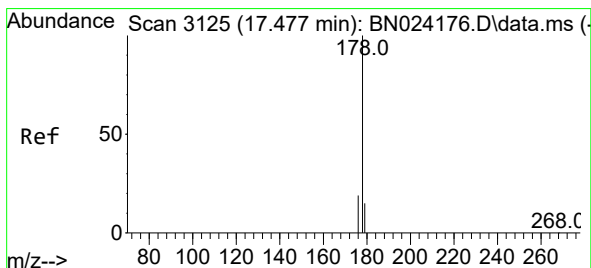
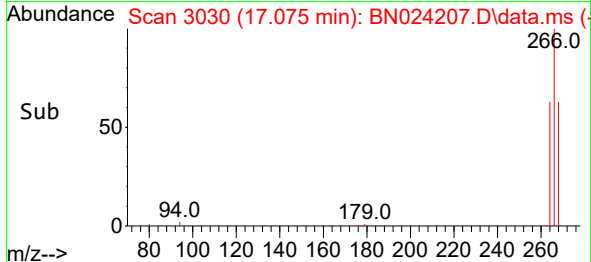
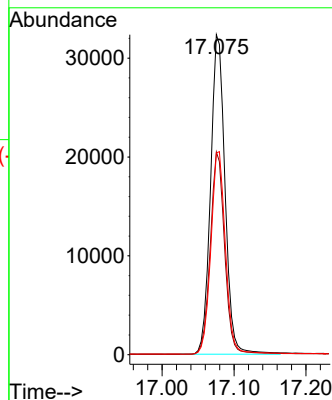
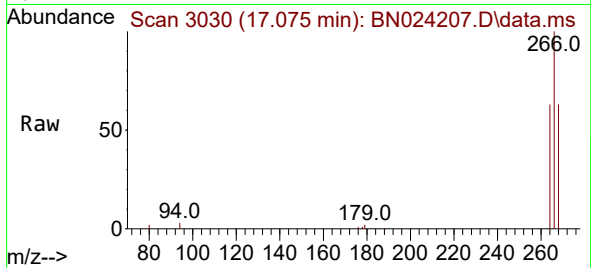




#14
 Pentachlorophenol
 Concen: 5.131 ng/ul
 RT: 17.075 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: BN024207.D
 Acq: 09 Mar 2023 19:41

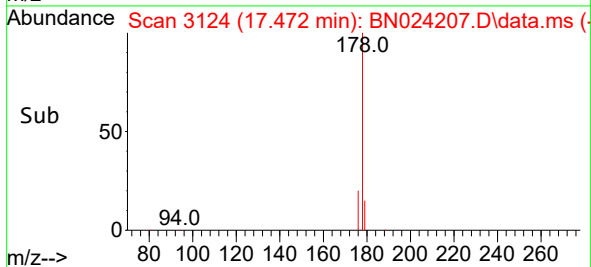
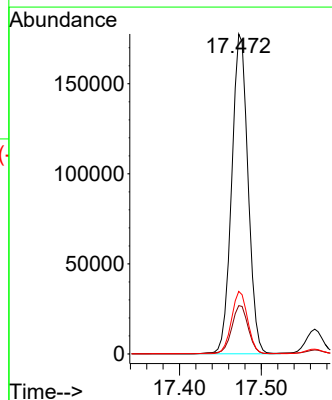
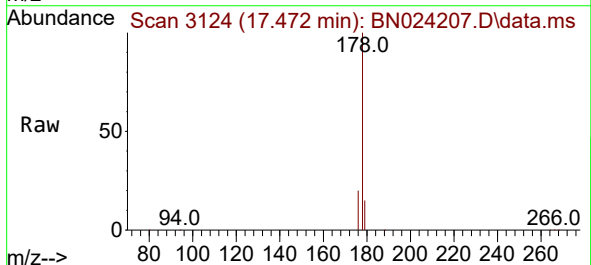
Instrument :
 BNA_N
 ClientSampleId :
 DCAC7DL

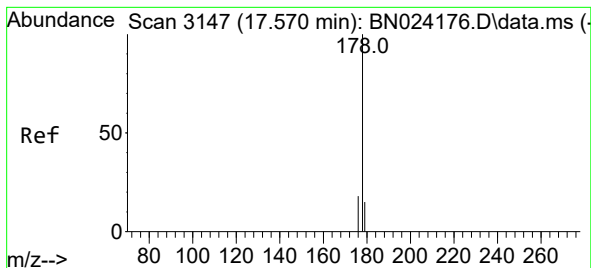
Tgt Ion:266 Resp: 45118
 Ion Ratio Lower Upper
 266 100
 264 62.9 0.0 0.0#
 268 63.9 0.1 0.1#



#15
 Phenanthrene
 Concen: 2.707 ng/ul
 RT: 17.472 min Scan# 3124
 Delta R.T. -0.000 min
 Lab File: BN024207.D
 Acq: 09 Mar 2023 19:41

Tgt Ion:178 Resp: 245491
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.2 18.2
 176 19.6 15.7 23.5





#16

Anthracene

Concen: 0.238 ng/ul

RT: 17.565 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BN024207.D

Acq: 09 Mar 2023 19:41

Instrument :

BNA_N

ClientSampleId :

DCAC7DL

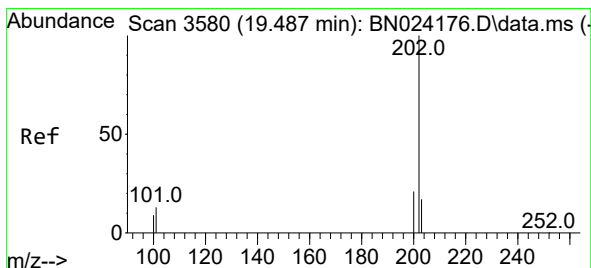
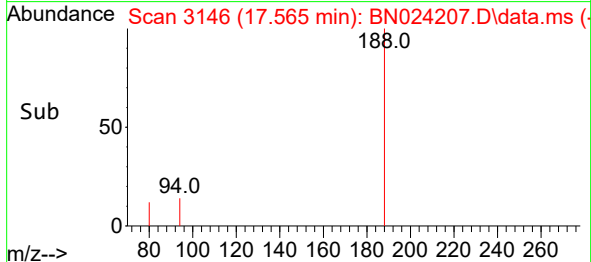
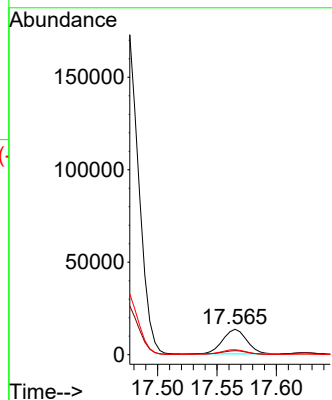
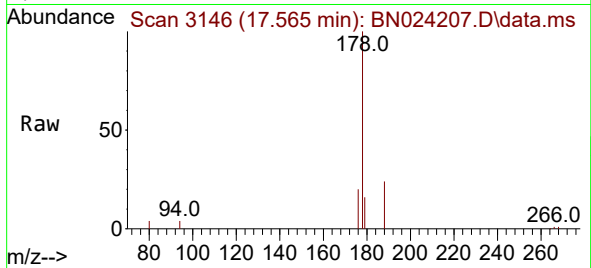
Tgt Ion:178 Resp: 18913

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

176 19.7 15.3 22.9



#19

Fluoranthene

Concen: 0.079 ng/ul

RT: 19.487 min Scan# 3580

Delta R.T. 0.005 min

Lab File: BN024207.D

Acq: 09 Mar 2023 19:41

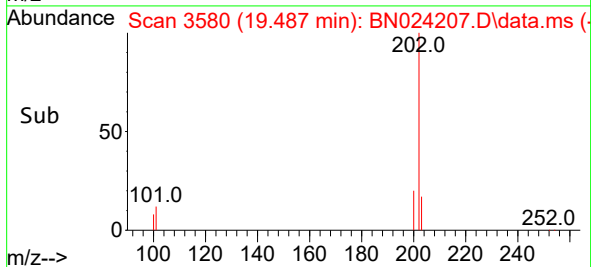
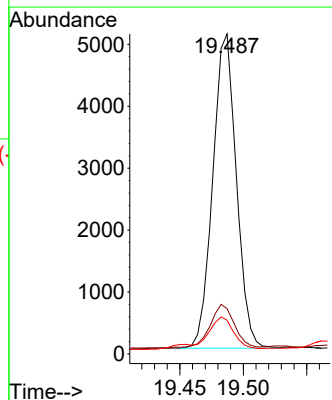
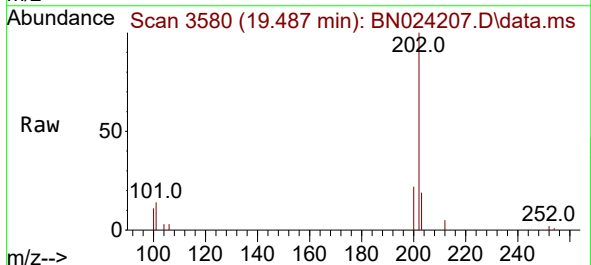
Tgt Ion:202 Resp: 6548

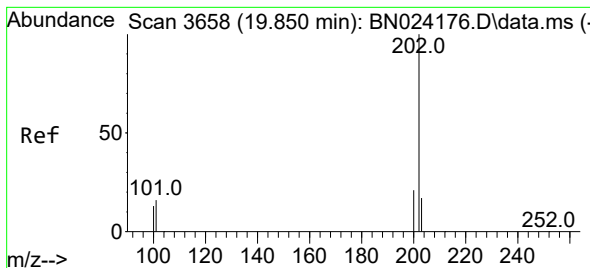
Ion Ratio Lower Upper

202 100

101 14.1 10.4 15.6

100 10.6 7.7 11.5





#20

Pyrene

Concen: 0.039 ng/ul

RT: 19.845 min Scan# 3

Delta R.T. -0.000 min

Lab File: BN024207.D

Acq: 09 Mar 2023 19:41

Instrument :

BNA_N

ClientSampleId :

DCAC7DL

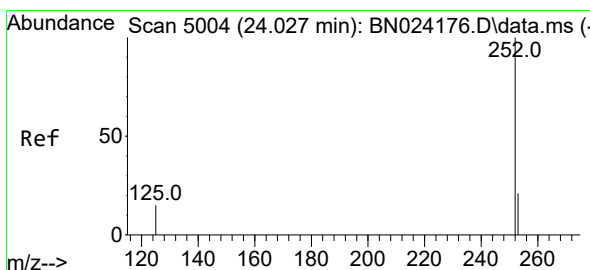
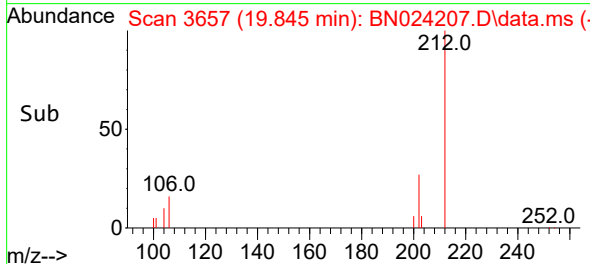
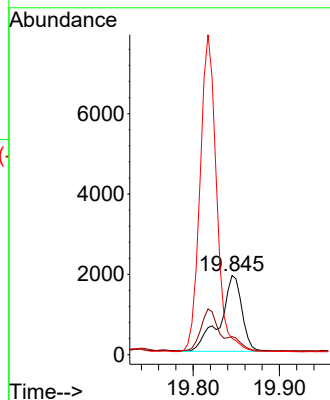
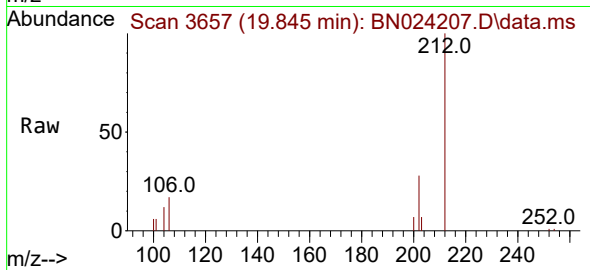
Tgt Ion:202 Resp: 3315

Ion Ratio Lower Upper

202 100

101 22.9 12.1 18.1#

100 20.5 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.031 ng/ul

RT: 23.965 min Scan# 4983

Delta R.T. -0.038 min

Lab File: BN024207.D

Acq: 09 Mar 2023 19:41

Tgt Ion:252 Resp: 1524

Ion Ratio Lower Upper

252 100

253 55.5 19.2 28.8#

125 67.6 15.8 23.6#

