

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025007.D
 Acq On : 19 Apr 2023 18:03
 Operator : CG/JU
 Sample : 02296-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL2

Quant Time: Apr 20 04:21:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 18:38:47 2023
 Response via : Initial Calibration

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

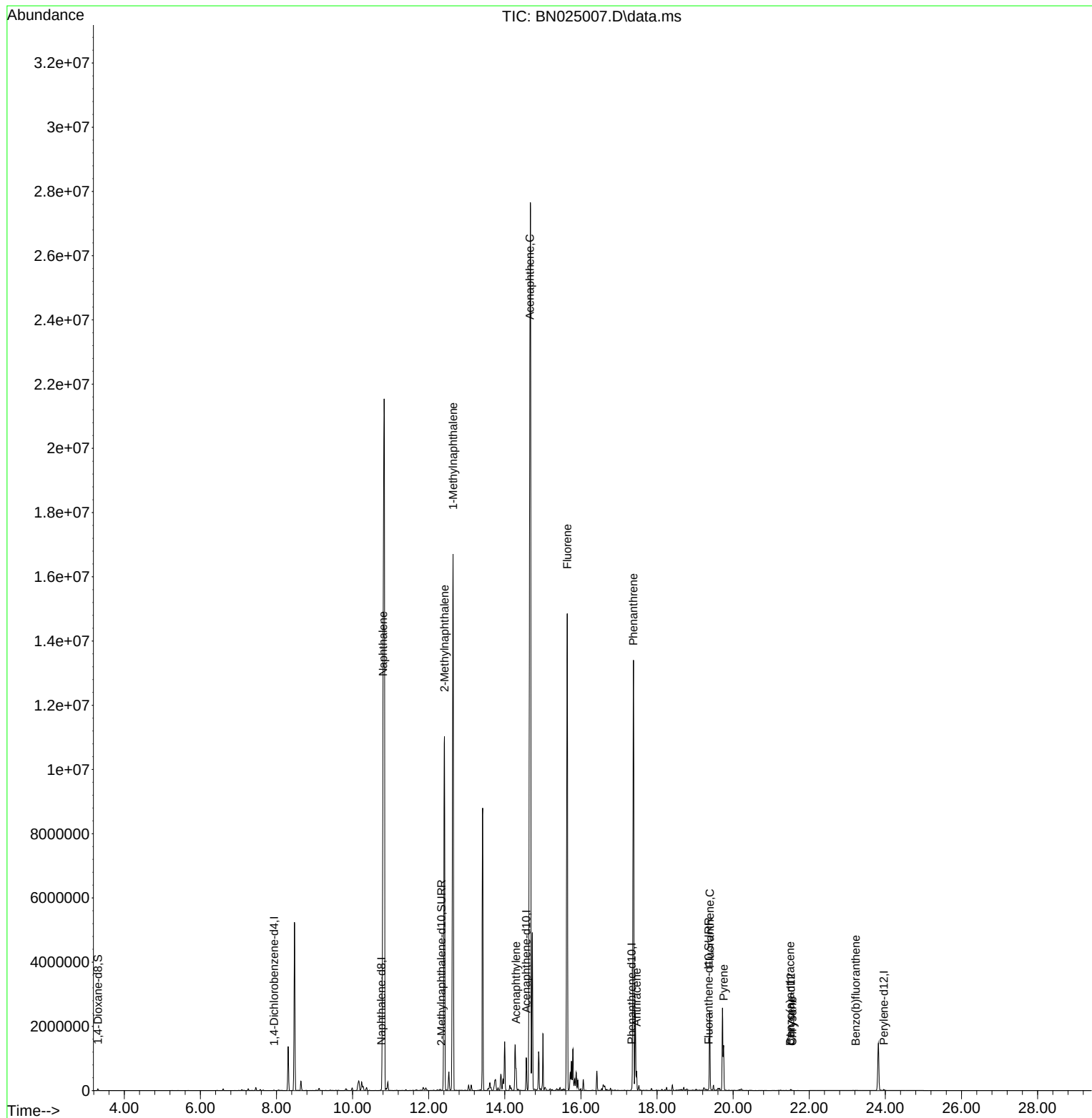
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.934	152	7839	0.400 ng/ul	0.00
4) Naphthalene-d8	10.754	136	24920	0.400 ng/ul	0.01
9) Acenaphthene-d10	14.565	164	45120	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	17.330	188	34380	0.400 ng/ul	0.00
17) Chrysene-d12	21.517	240	31110	0.400 ng/ul	0.00
23) Perylene-d12	23.961	264	28470	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.305	96	33818	3.951 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	12019	0.376 ng/ul	0.00
18) Fluoranthene-d10	19.354	212	22002	0.285 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.798	128	31819649	500.988 ng/ul	94
7) 2-Methylnaphthalene	12.414	142	8272741	209.473 ng/ul	99
8) 1-Methylnaphthalene	12.640	142	12844253	306.768 ng/ul	98
10) Acenaphthylene	14.297	152	414962	2.452 ng/ul#	83
11) Acenaphthene	14.658	153	23580849	162.568 ng/ul	95
12) Fluorene	15.639	166	10831165	66.671 ng/ul	97
15) Phenanthrene	17.376	178	16269052	167.923 ng/ul	93
16) Anthracene	17.461	178	654656	8.129 ng/ul	99
19) Fluoranthene	19.386	202	2065654	19.282 ng/ul	99
20) Pyrene	19.749	202	1118960	10.194 ng/ul	99
21) Benzo(a)anthracene	21.500	228	5514	0.056 ng/ul#	85
22) Chrysene	21.552	228	4927	0.046 ng/ul#	56
24) Benzo(b)fluoranthene	23.215	252	2463	0.022 ng/ul#	1

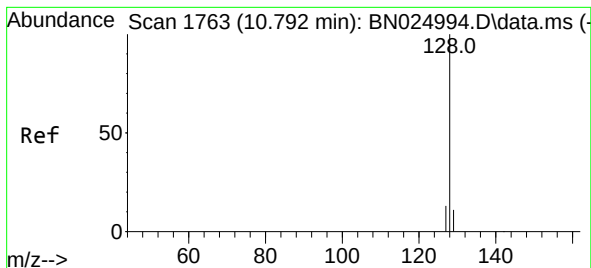
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 500.988 ng/ul

RT: 10.798 min Scan# 11

Delta R.T. 0.005 min

Lab File: BN025007.D

Acq: 19 Apr 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCBL2

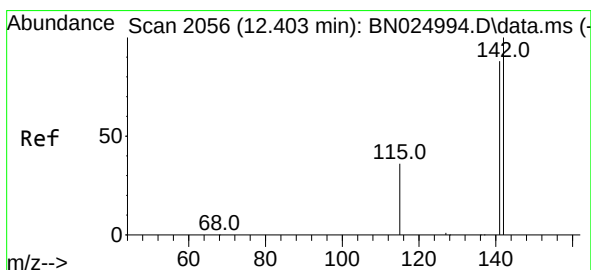
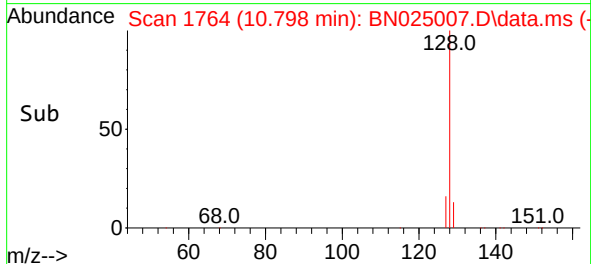
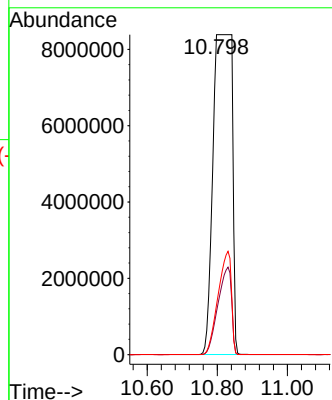
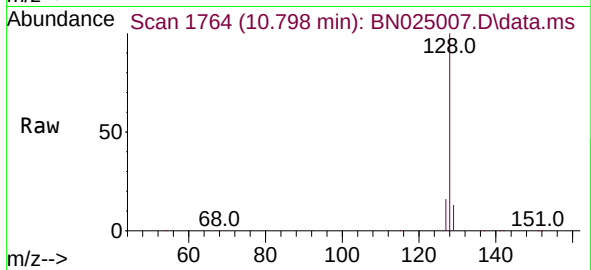
Tgt Ion:128 Resp:31819649

Ion Ratio Lower Upper

128 100

129 13.4 9.1 13.7

127 15.5 10.5 15.7



#7

2-Methylnaphthalene

Concen: 209.473 ng/ul

RT: 12.414 min Scan# 2058

Delta R.T. 0.011 min

Lab File: BN025007.D

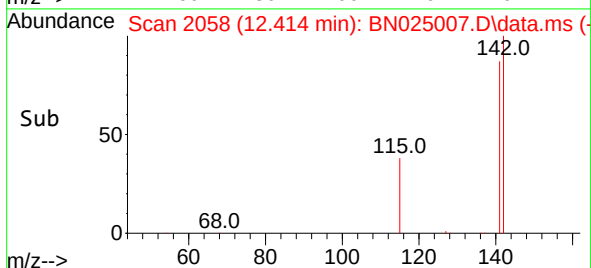
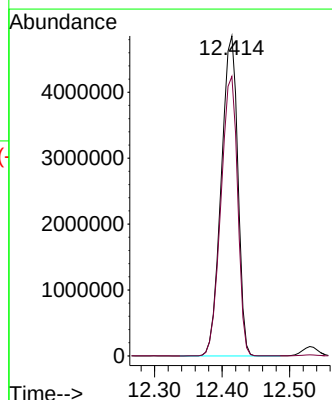
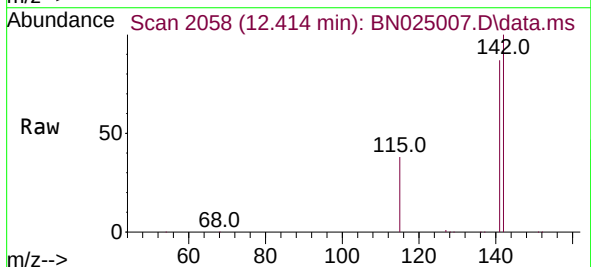
Acq: 19 Apr 2023 18:03

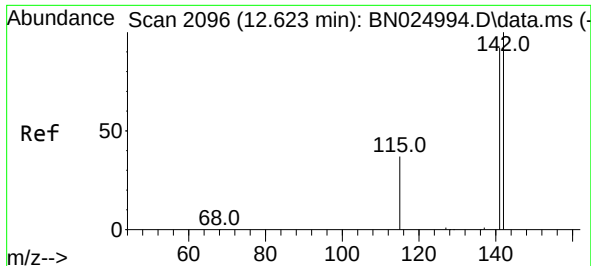
Tgt Ion:142 Resp: 8272741

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1

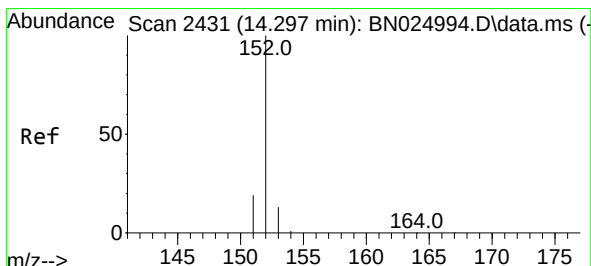
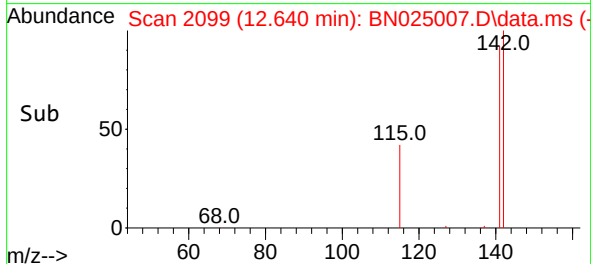
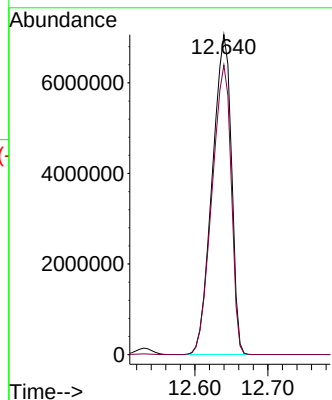
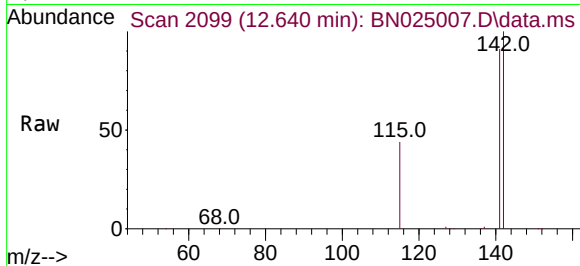




#8
1-Methylnaphthalene
Concen: 306.768 ng/ul
RT: 12.640 min Scan# 2096
Delta R.T. 0.016 min
Lab File: BN025007.D
Acq: 19 Apr 2023 18:03

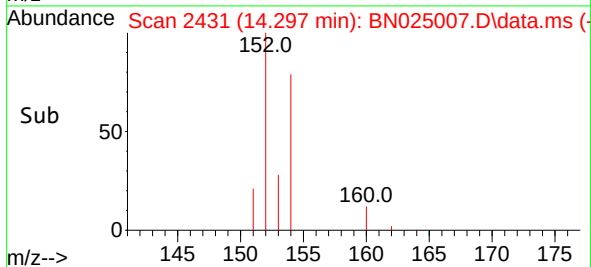
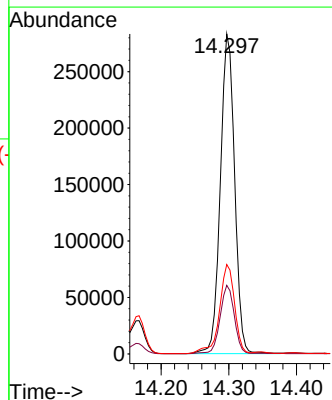
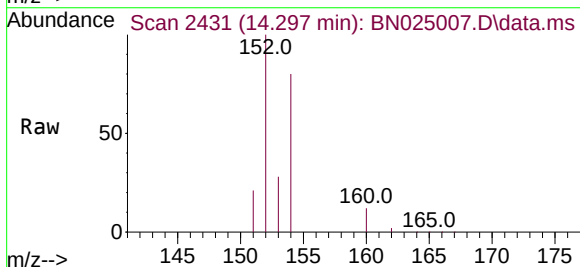
Instrument :
BNA_N
ClientSampleId :
DCBL2

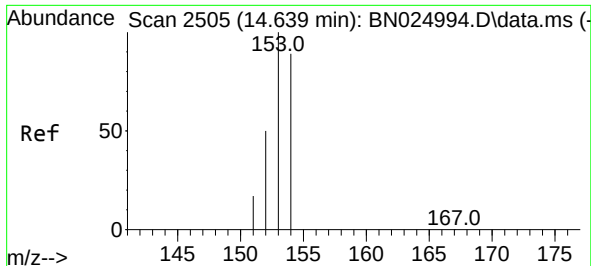
Tgt Ion:142 Resp:12844253
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0



#10
Acenaphthylene
Concen: 2.452 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN025007.D
Acq: 19 Apr 2023 18:03

Tgt Ion:152 Resp: 414962
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 27.9 10.6 16.0#

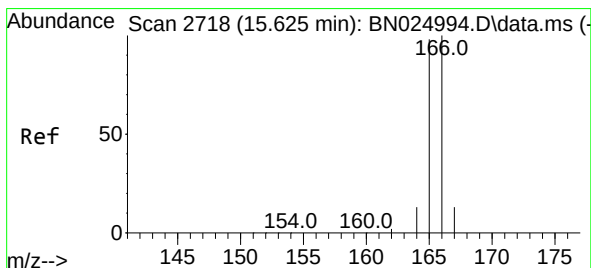
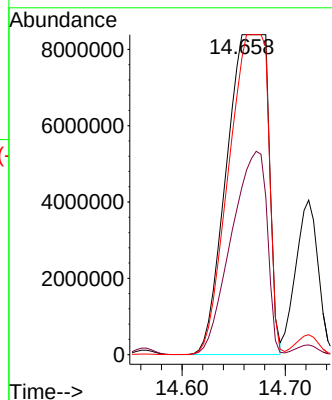
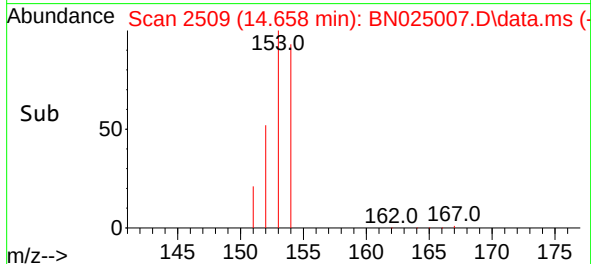
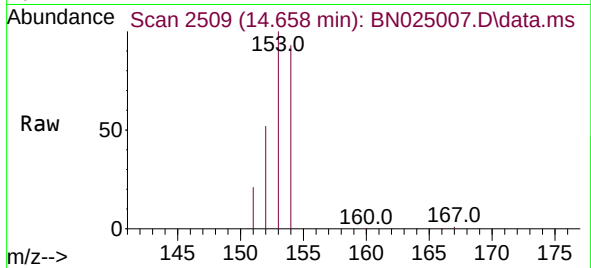




#11
Acenaphthene
Concen: 162.568 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN025007.D
Acq: 19 Apr 2023 18:03

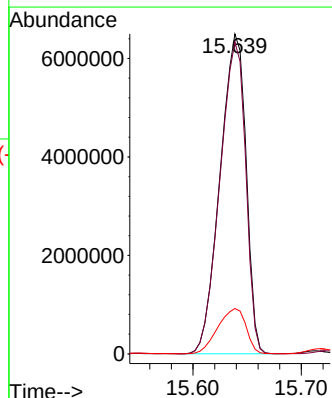
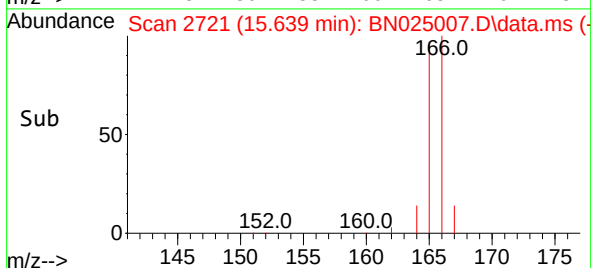
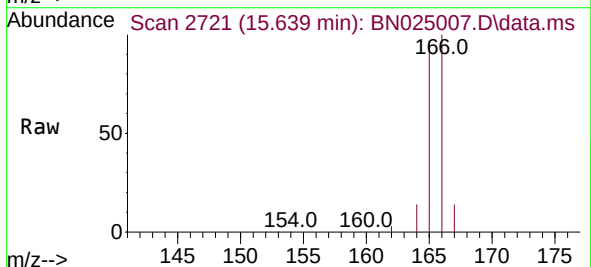
Instrument :
BNA_N
ClientSampleId :
DCBL2

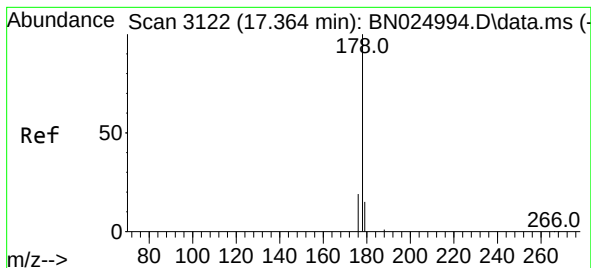
Tgt Ion:153 Resp:23580849
Ion Ratio Lower Upper
153 100
152 52.4 40.7 61.1
154 92.8 69.4 104.2



#12
Fluorene
Concen: 66.671 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. 0.014 min
Lab File: BN025007.D
Acq: 19 Apr 2023 18:03

Tgt Ion:166 Resp:10831165
Ion Ratio Lower Upper
166 100
165 97.4 80.1 120.1
167 14.2 10.7 16.1





#15

Phenanthrene

Concen: 167.923 ng/ul

RT: 17.376 min Scan# 3125

Delta R.T. 0.013 min

Lab File: BN025007.D

Acq: 19 Apr 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCBL2

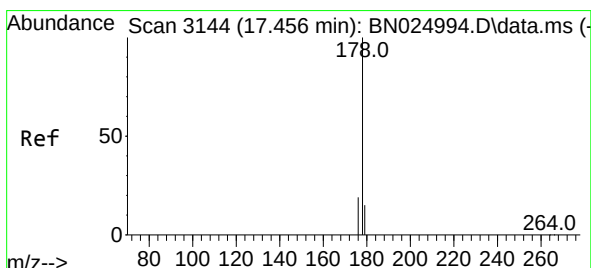
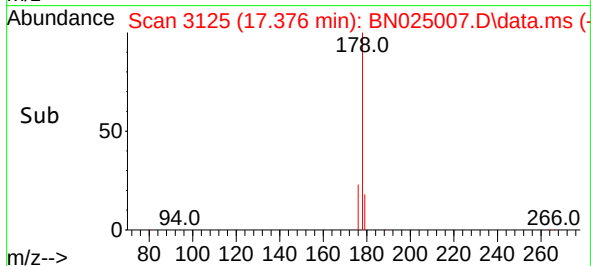
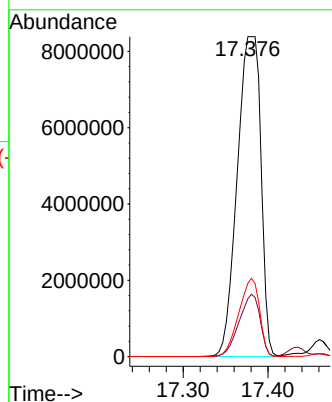
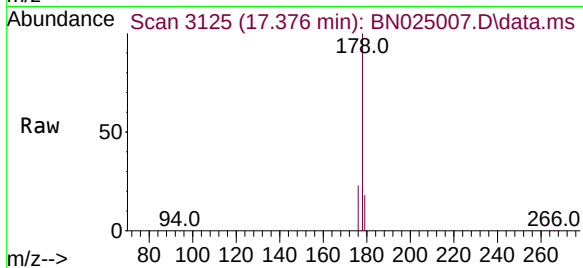
Tgt Ion:178 Resp:16269052

Ion Ratio Lower Upper

178 100

179 18.1 12.3 18.5

176 22.9 15.4 23.0



#16

Anthracene

Concen: 8.129 ng/ul

RT: 17.461 min Scan# 3145

Delta R.T. 0.004 min

Lab File: BN025007.D

Acq: 19 Apr 2023 18:03

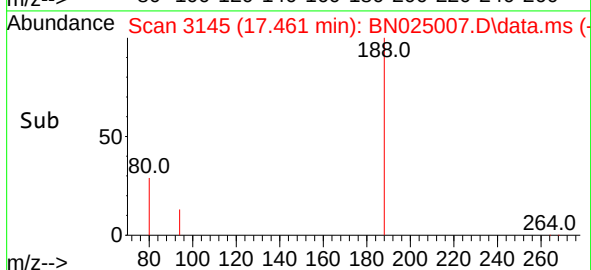
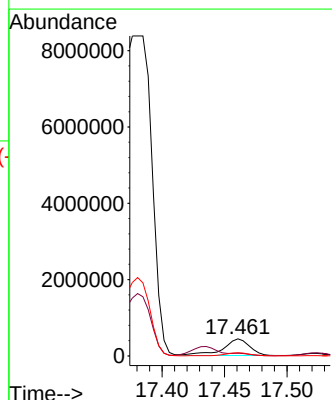
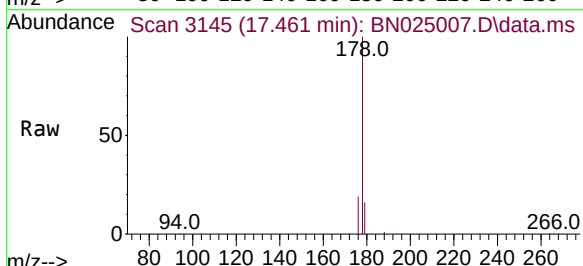
Tgt Ion:178 Resp: 654656

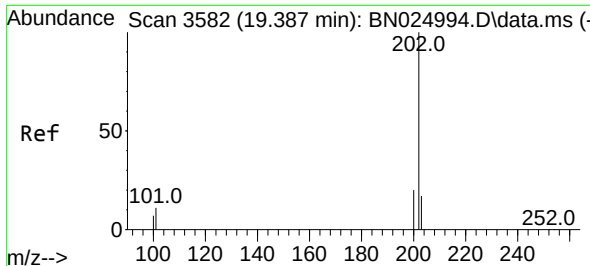
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 18.7 14.7 22.1

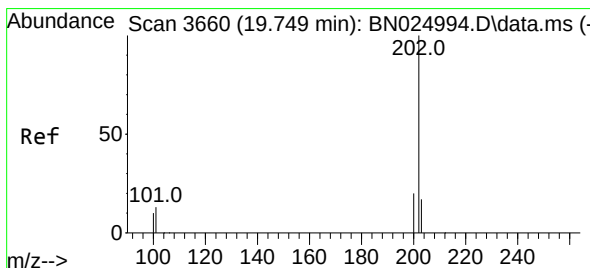
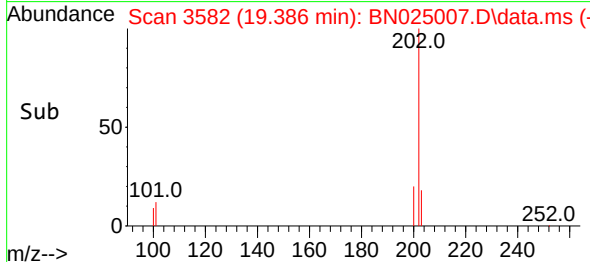
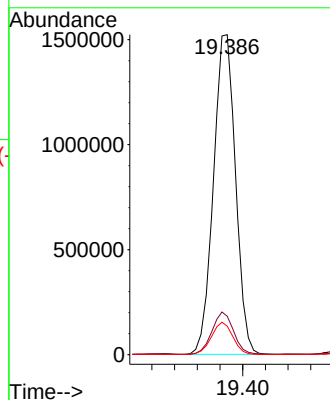
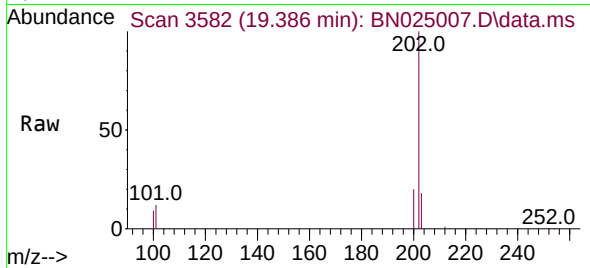




#19
Fluoranthene
Concen: 19.282 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. -0.000 min
Lab File: BN025007.D
Acq: 19 Apr 2023 18:03

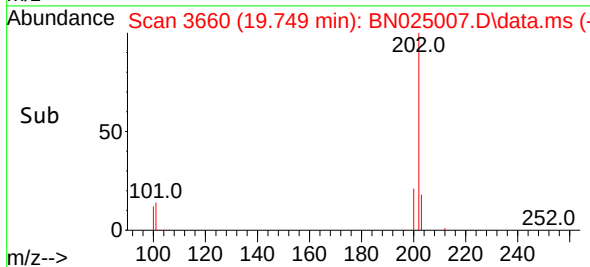
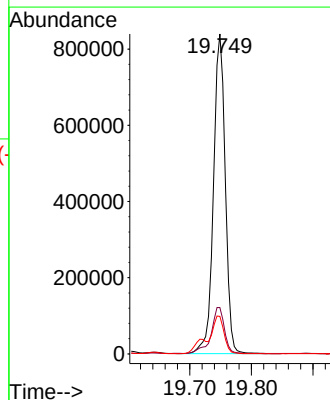
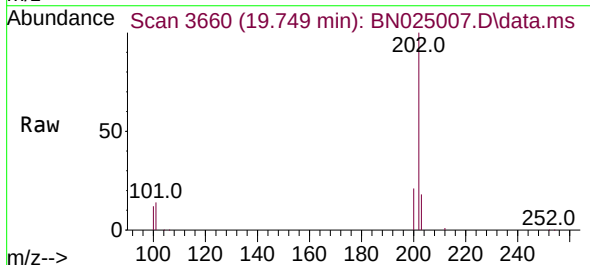
Instrument :
BNA_N
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DCBL2

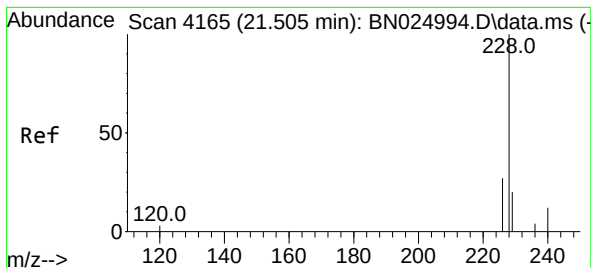
Tgt Ion:202 Resp: 2065654
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 8.9 7.5 11.3



#20
Pyrene
Concen: 10.194 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.000 min
Lab File: BN025007.D
Acq: 19 Apr 2023 18:03

Tgt Ion:202 Resp: 1118960
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.8
100 11.7 9.5 14.3





#21

Benzo(a)anthracene

Concen: 0.056 ng/ul

RT: 21.500 min Scan# 4165

Delta R.T. -0.006 min

Lab File: BN025007.D

Acq: 19 Apr 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCBL2

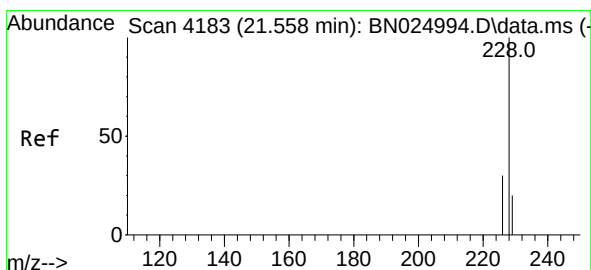
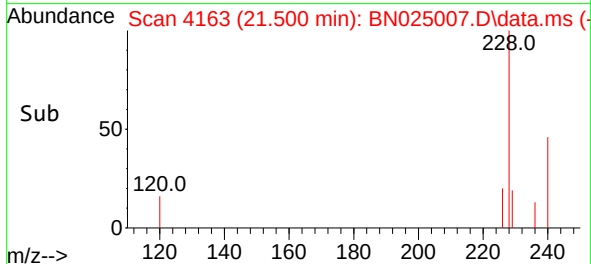
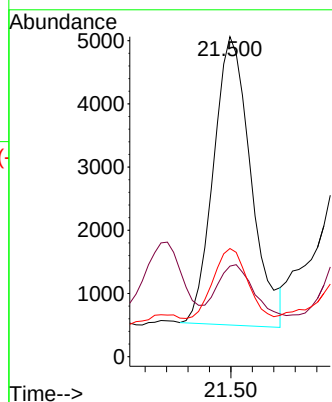
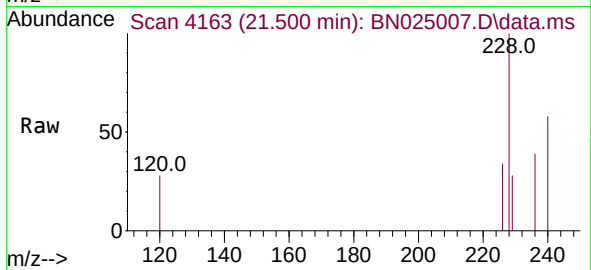
Tgt Ion:228 Resp: 5514

Ion Ratio Lower Upper

228 100

229 28.3 15.8 23.8#

226 33.8 22.2 33.2#



#22

Chrysene

Concen: 0.046 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. -0.006 min

Lab File: BN025007.D

Acq: 19 Apr 2023 18:03

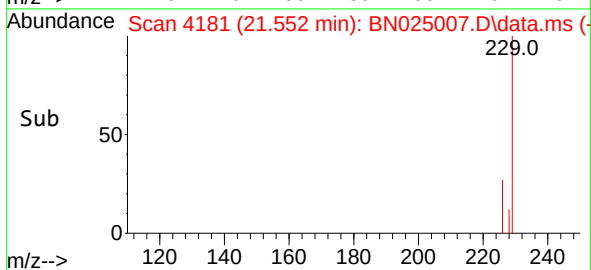
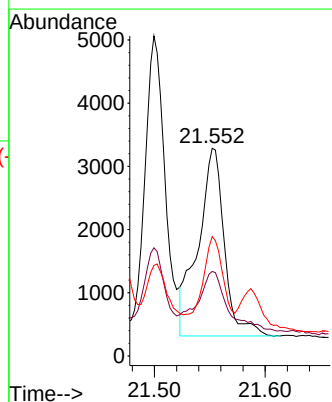
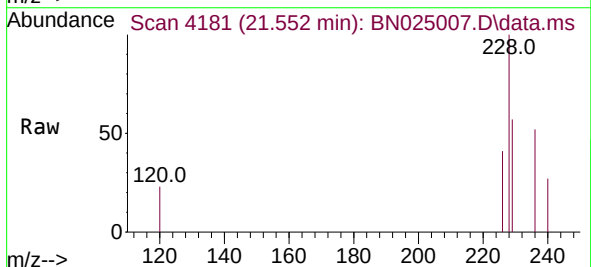
Tgt Ion:228 Resp: 4927

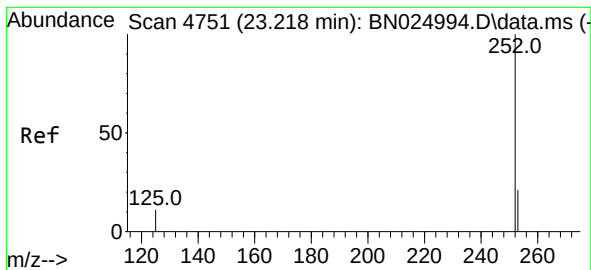
Ion Ratio Lower Upper

228 100

226 40.6 24.3 36.5#

229 57.4 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.022 ng/ul

RT: 23.215 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN025007.D

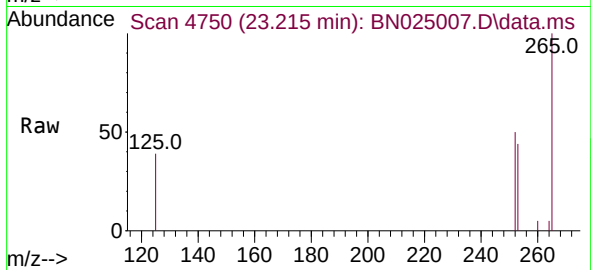
Acq: 19 Apr 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCBL2



Tgt Ion:252 Resp: 2463

Ion Ratio Lower Upper

252 100

253 87.7 0.0 49.4#

125 77.4 0.0 31.2#

