

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025948.D
 Acq On : 22 Jun 2023 21:35
 Operator : MA/JU
 Sample : 03083-07DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK5DL

Quant Time: Jun 23 01:05:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

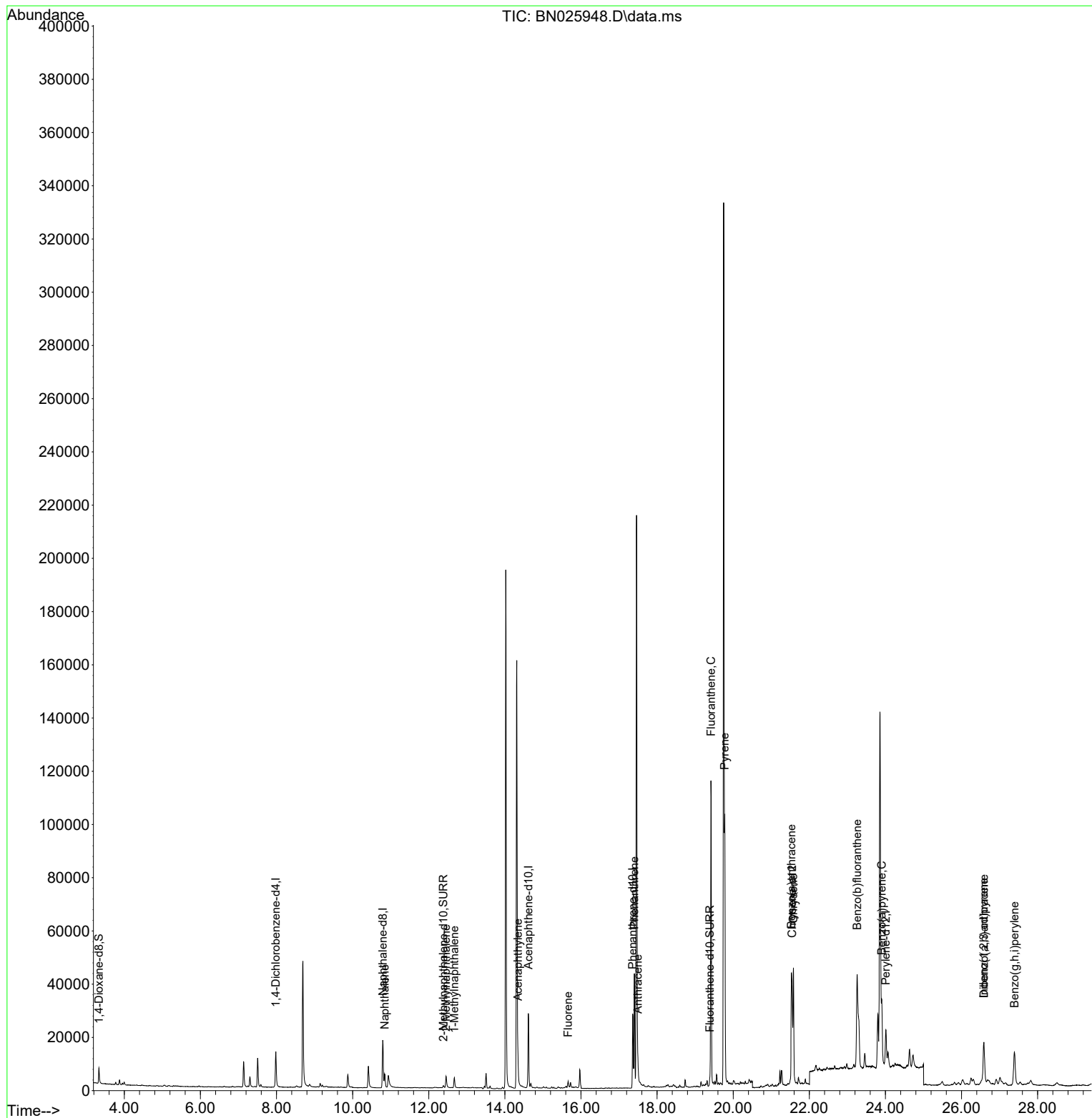
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	34524	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	24864	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	19604	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4221	0.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1393	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3462	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	7703	0.102	ng/ul	96
7) 2-Methylnaphthalene	12.453	142	3880	0.081	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	3103	0.062	ng/ul	99
10) Acenaphthylene	14.340	152	11330	0.152	ng/ul	98
12) Fluorene	15.663	166	1620	0.023	ng/ul#	88
15) Phenanthrene	17.403	178	46335	0.406	ng/ul	100
16) Anthracene	17.495	178	5034	0.050	ng/ul#	92
19) Fluoranthene	19.415	202	100937	0.760	ng/ul	99
20) Pyrene	19.778	202	80338	0.582	ng/ul	98
21) Benzo(a)anthracene	21.530	228	31618	0.308	ng/ul	96
22) Chrysene	21.582	228	50458	0.473	ng/ul	97
24) Benzo(b)fluoranthene	23.257	252	83419	0.997	ng/ul	99
26) Benzo(a)pyrene	23.903	252	30868	0.425	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.585	276	25703	0.324	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.589	278	6187	0.103	ng/ul#	68
29) Benzo(g,h,i)perylene	27.390	276	26456	0.375	ng/ul	97

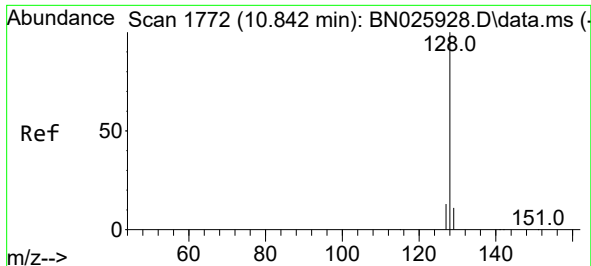
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025948.D
Acq On : 22 Jun 2023 21:35
Operator : MA/JU
Sample : 03083-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK5DL

Quant Time: Jun 23 01:05:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration

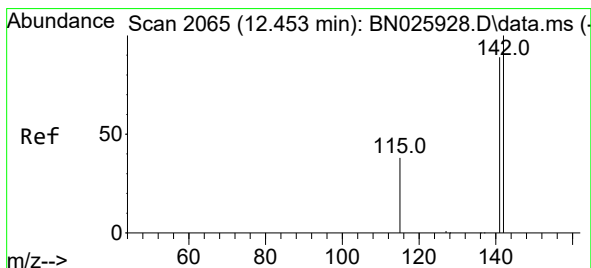
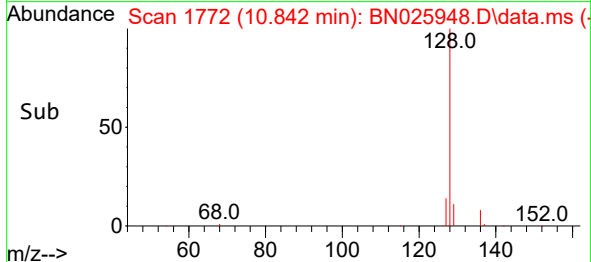
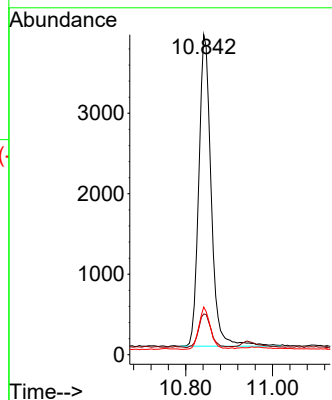
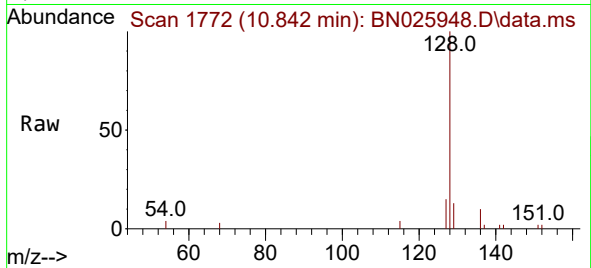




#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

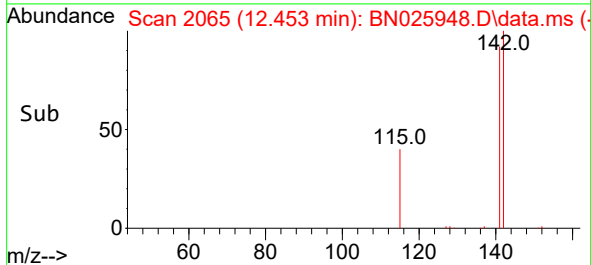
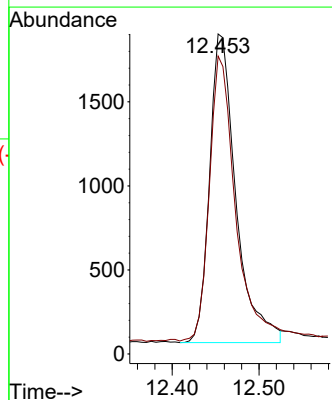
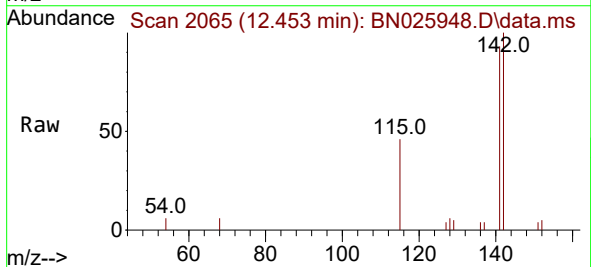
Instrument :
BNA_N
ClientSampleId :
DCFK5DL

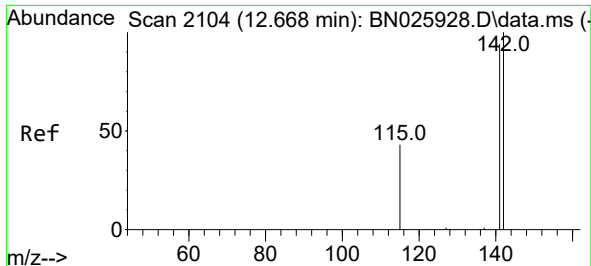
Tgt Ion:128 Resp: 7703
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.9 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

Tgt Ion:142 Resp: 3880
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9

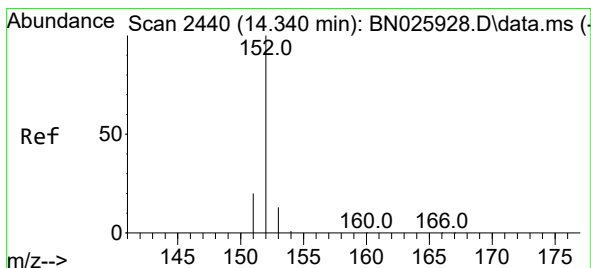
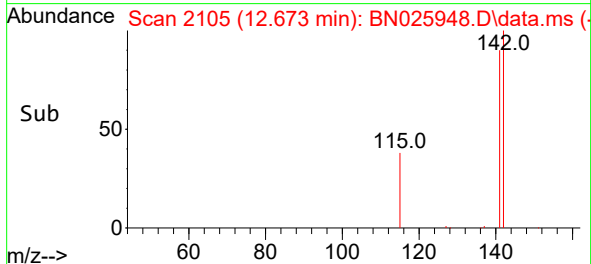
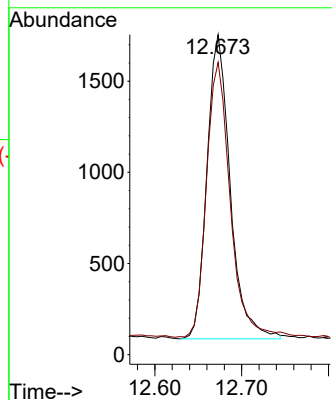
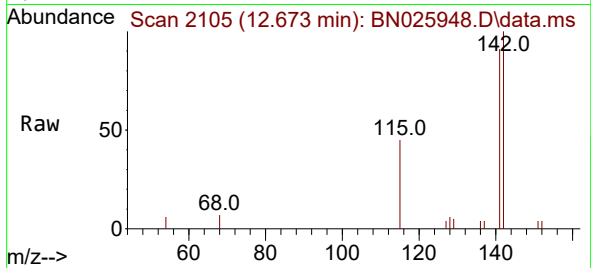




#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

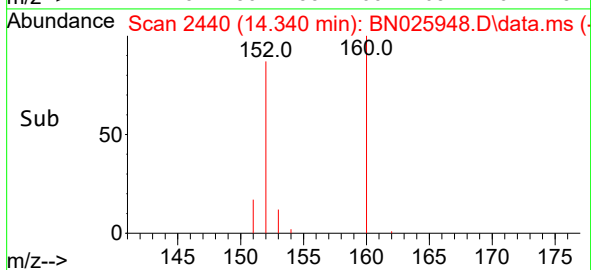
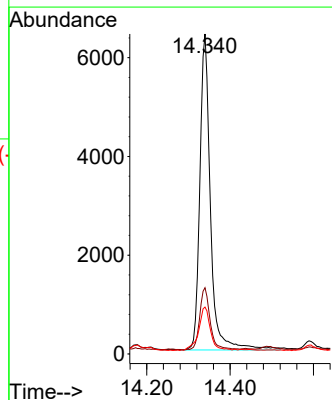
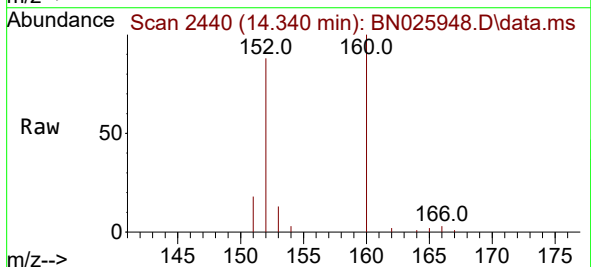
Instrument :
BNA_N
ClientSampleId :
DCFK5DL

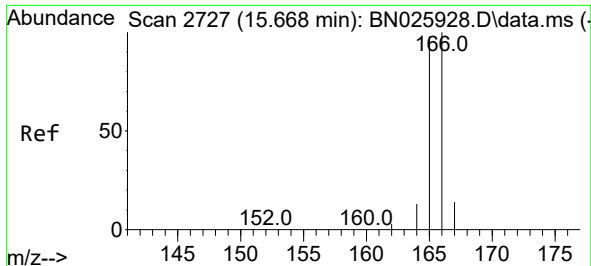
Tgt Ion:142 Resp: 3103
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4



#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

Tgt Ion:152 Resp: 11330
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.7 10.9 16.3

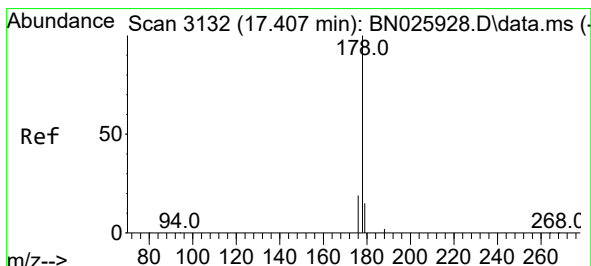
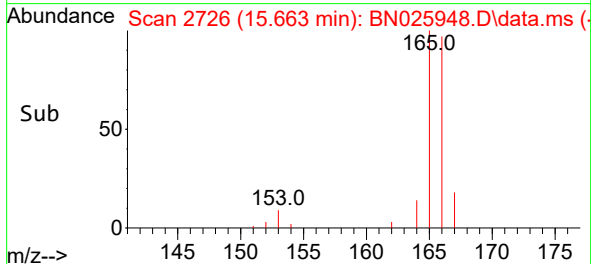
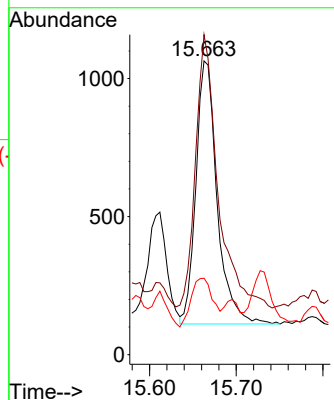
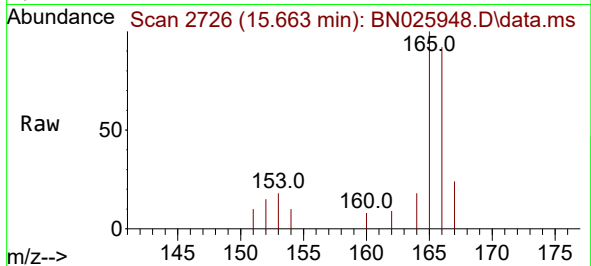




#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.663 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

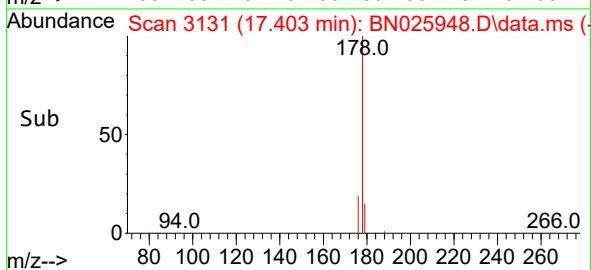
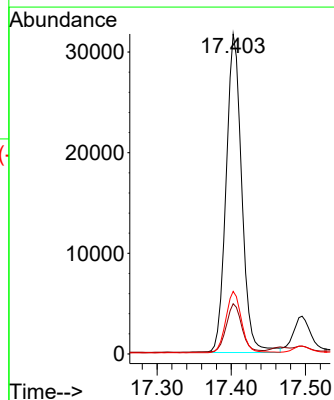
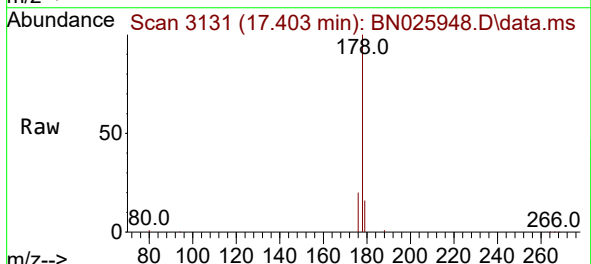
Instrument :
BNA_N
ClientSampleId :
DCFK5DL

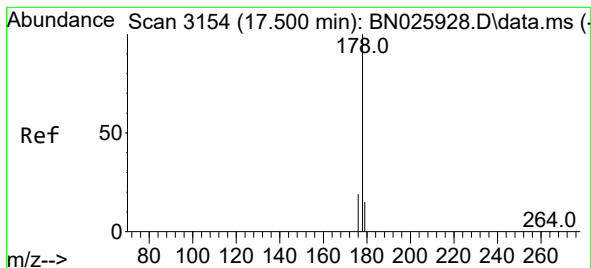
Tgt Ion:166 Resp: 1620
Ion Ratio Lower Upper
166 100
165 108.9 79.9 119.9
167 26.0 10.8 16.2#



#15
Phenanthrene
Concen: 0.406 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

Tgt Ion:178 Resp: 46335
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6





#16

Anthracene

Concen: 0.050 ng/ul

RT: 17.495 min Scan# 3153

Delta R.T. -0.003 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

Instrument :

BNA_N

ClientSampleId :

DCFK5DL

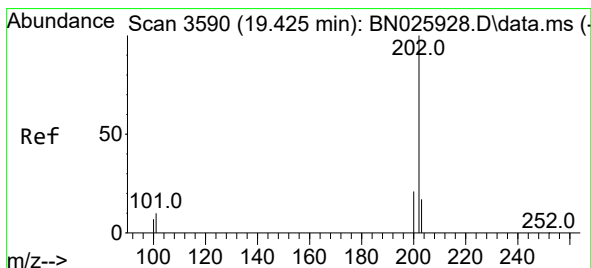
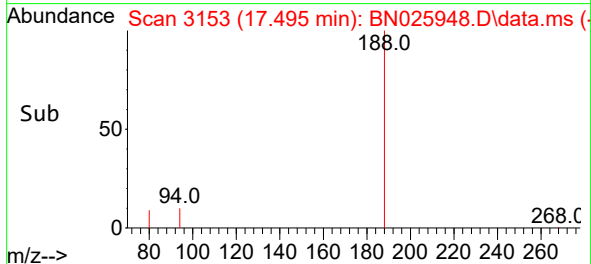
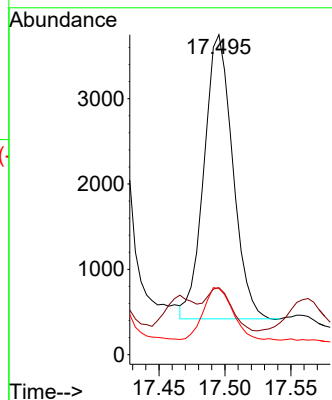
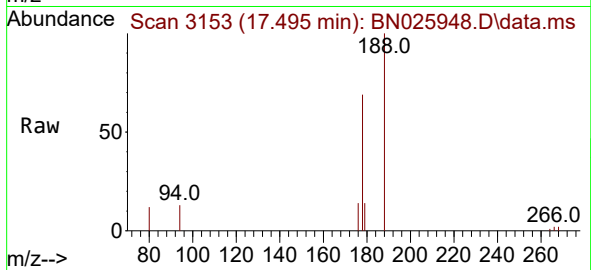
Tgt Ion:178 Resp: 5034

Ion Ratio Lower Upper

178 100

179 20.9 12.6 18.8#

176 20.7 15.1 22.7



#19

Fluoranthene

Concen: 0.760 ng/ul

RT: 19.415 min Scan# 3588

Delta R.T. -0.004 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

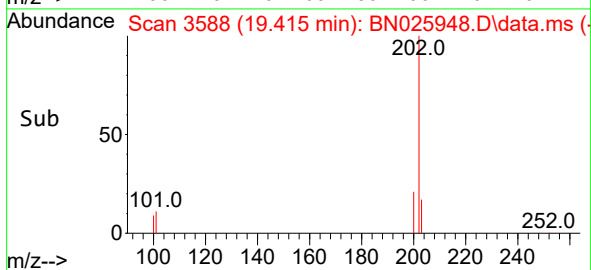
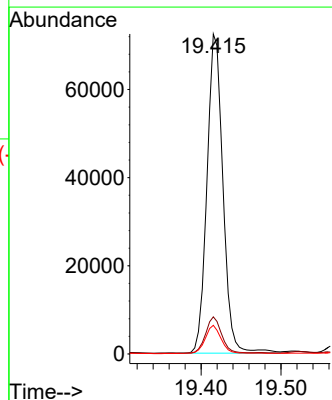
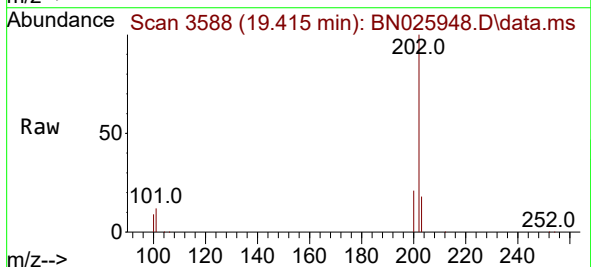
Tgt Ion:202 Resp: 100937

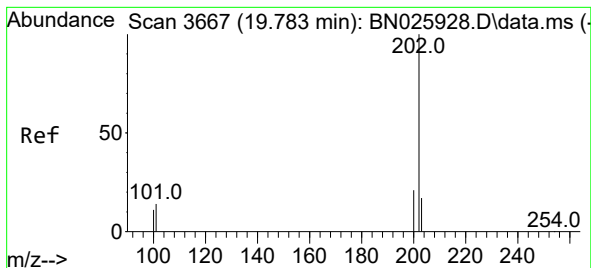
Ion Ratio Lower Upper

202 100

101 11.6 9.5 14.3

100 8.9 7.3 10.9





#20

Pyrene

Concen: 0.582 ng/ul

RT: 19.778 min Scan# 3666

Delta R.T. -0.004 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

Instrument :

BNA_N

ClientSampleId :

DCFK5DL

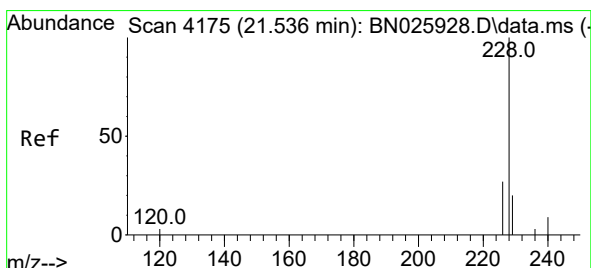
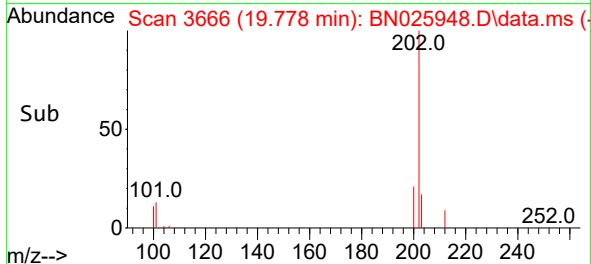
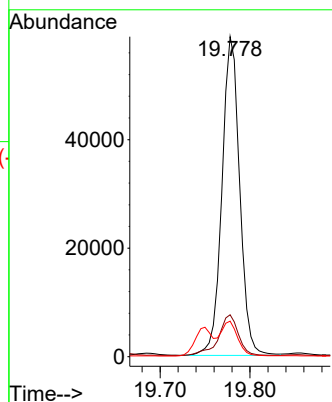
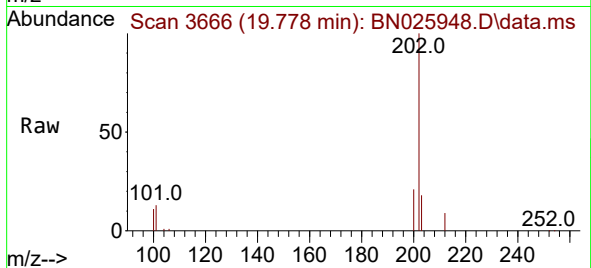
Tgt Ion:202 Resp: 80338

Ion Ratio Lower Upper

202 100

101 13.1 11.4 17.0

100 11.1 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.308 ng/ul

RT: 21.530 min Scan# 4173

Delta R.T. -0.002 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

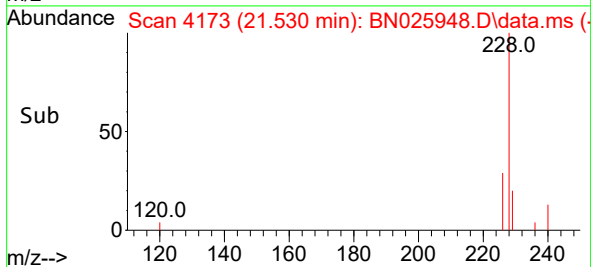
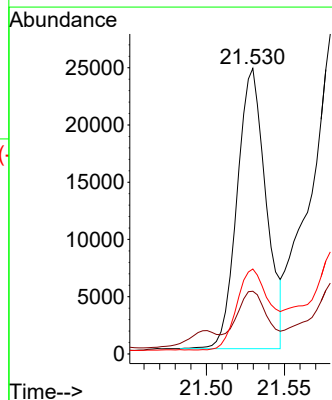
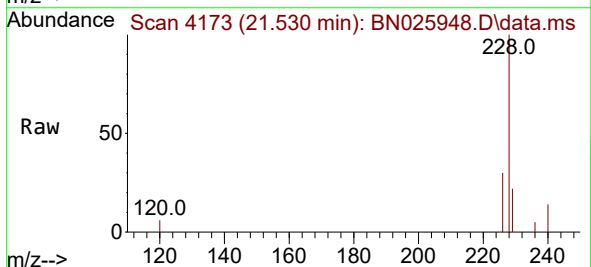
Tgt Ion:228 Resp: 31618

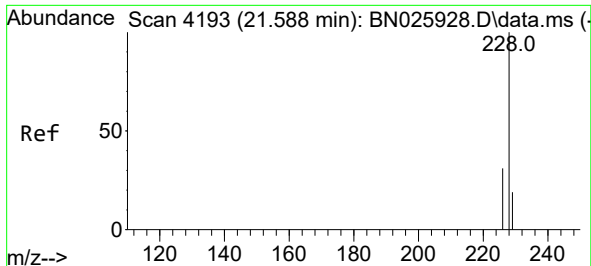
Ion Ratio Lower Upper

228 100

229 22.0 15.8 23.6

226 29.8 22.5 33.7





#22

Chrysene

Concen: 0.473 ng/ul

RT: 21.582 min Scan# 4191

Delta R.T. -0.002 min

Lab File: BN025948.D

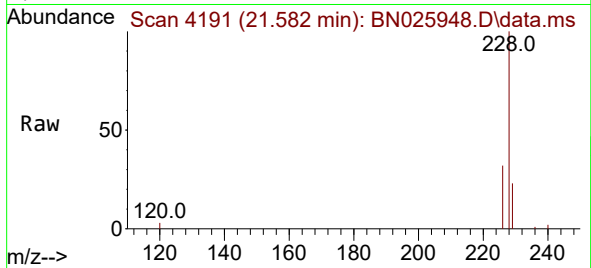
Acq: 22 Jun 2023 21:35

Instrument :

BNA_N

ClientSampleId :

DCFK5DL



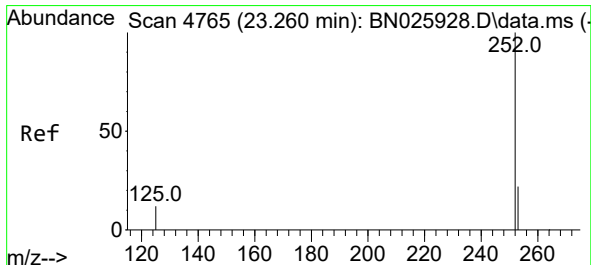
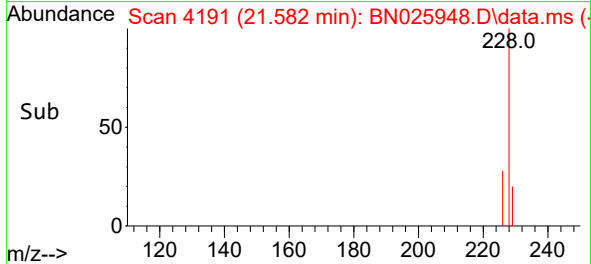
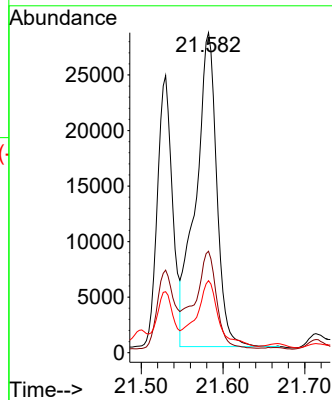
Tgt Ion:228 Resp: 50458

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

229 22.5 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.997 ng/ul

RT: 23.257 min Scan# 4764

Delta R.T. 0.001 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

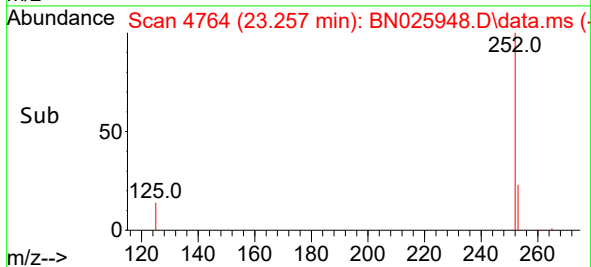
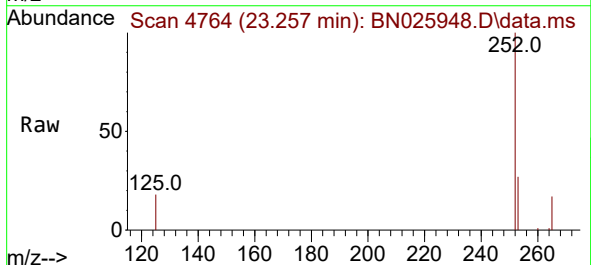
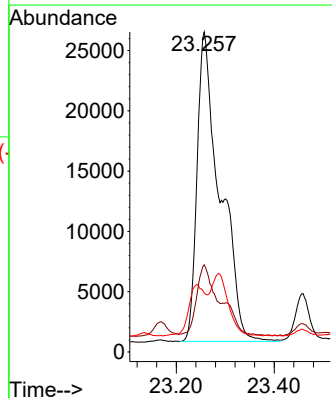
Tgt Ion:252 Resp: 83419

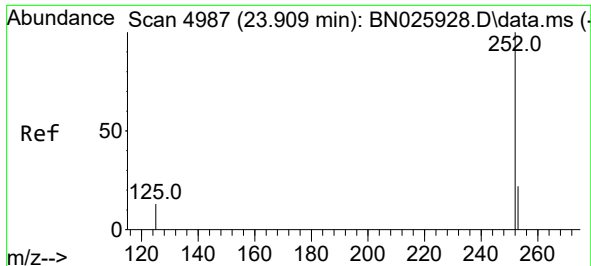
Ion Ratio Lower Upper

252 100

253 27.2 0.0 55.6

125 18.5 0.0 35.8

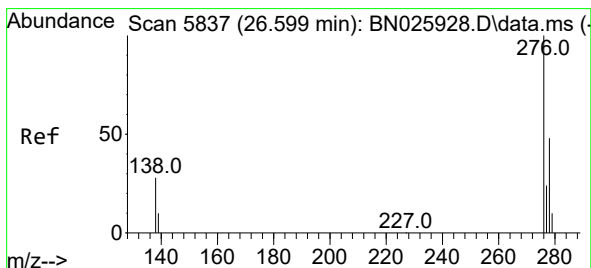
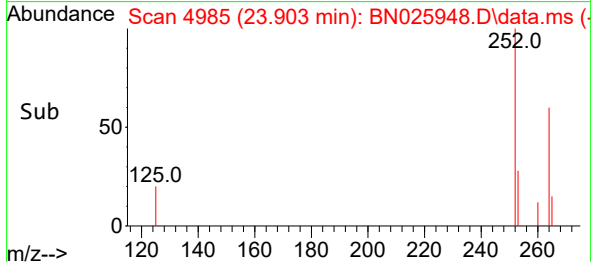
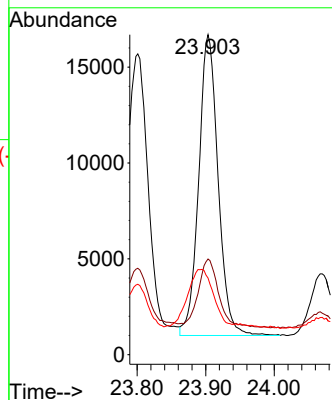
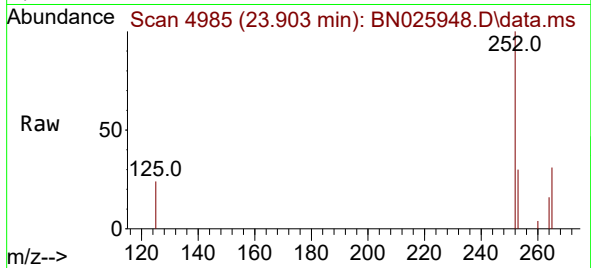




#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.903 min Scan# 4985
Delta R.T. -0.005 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

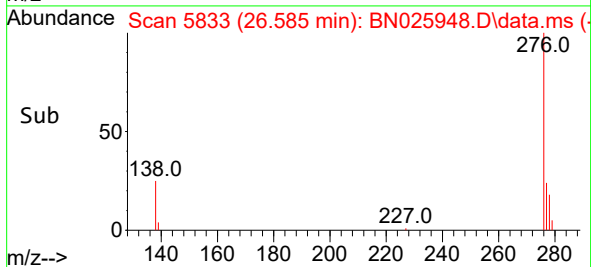
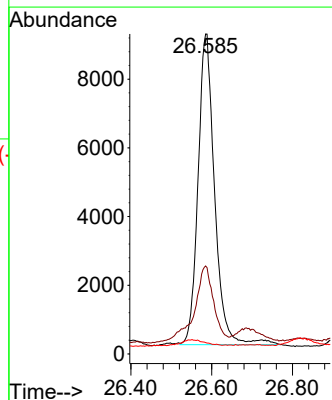
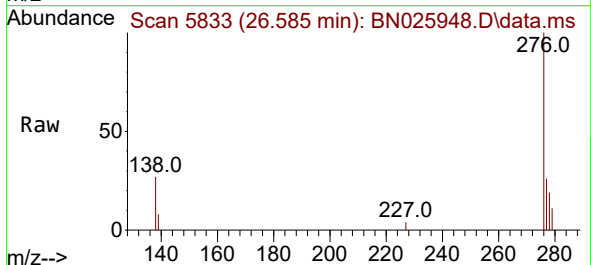
Instrument :
BNA_N
ClientSampleId :
DCFK5DL

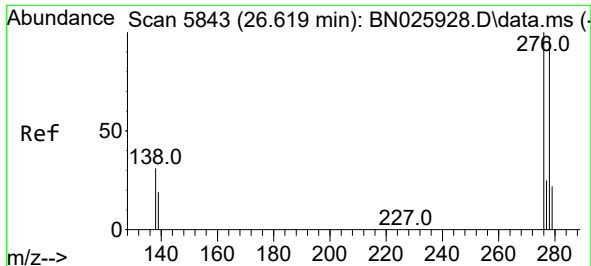
Tgt Ion:252 Resp: 30868
Ion Ratio Lower Upper
252 100
253 29.9 26.0 39.0
125 23.9 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 26.585 min Scan# 5833
Delta R.T. -0.009 min
Lab File: BN025948.D
Acq: 22 Jun 2023 21:35

Tgt Ion:276 Resp: 25703
Ion Ratio Lower Upper
276 100
138 30.0 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.103 ng/ul

RT: 26.589 min Scan# 5834

Delta R.T. -0.033 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

Instrument :

BNA_N

ClientSampleId :

DCFK5DL

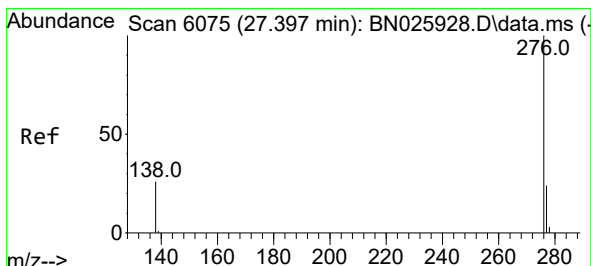
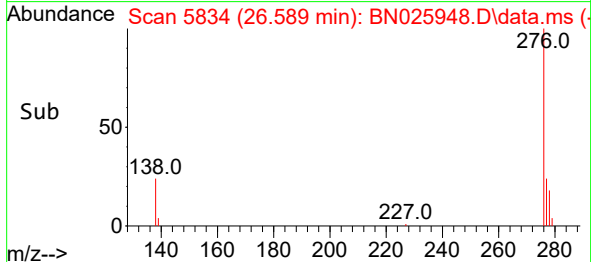
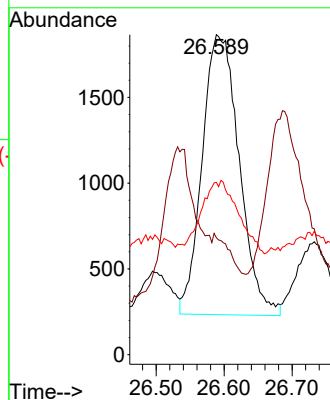
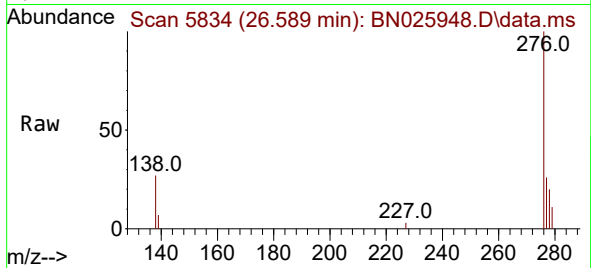
Tgt Ion:278 Resp: 6187

Ion Ratio Lower Upper

278 100

139 36.5 19.0 28.4#

279 53.9 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.375 ng/ul

RT: 27.390 min Scan# 6073

Delta R.T. 0.004 min

Lab File: BN025948.D

Acq: 22 Jun 2023 21:35

Tgt Ion:276 Resp: 26456

Ion Ratio Lower Upper

276 100

138 27.2 23.4 35.0

277 26.2 20.0 30.0

