

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025006.D
 Acq On : 19 Apr 2023 17:27
 Operator : CG/JU
 Sample : 02296-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL0

Quant Time: Apr 20 04:21:30 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)

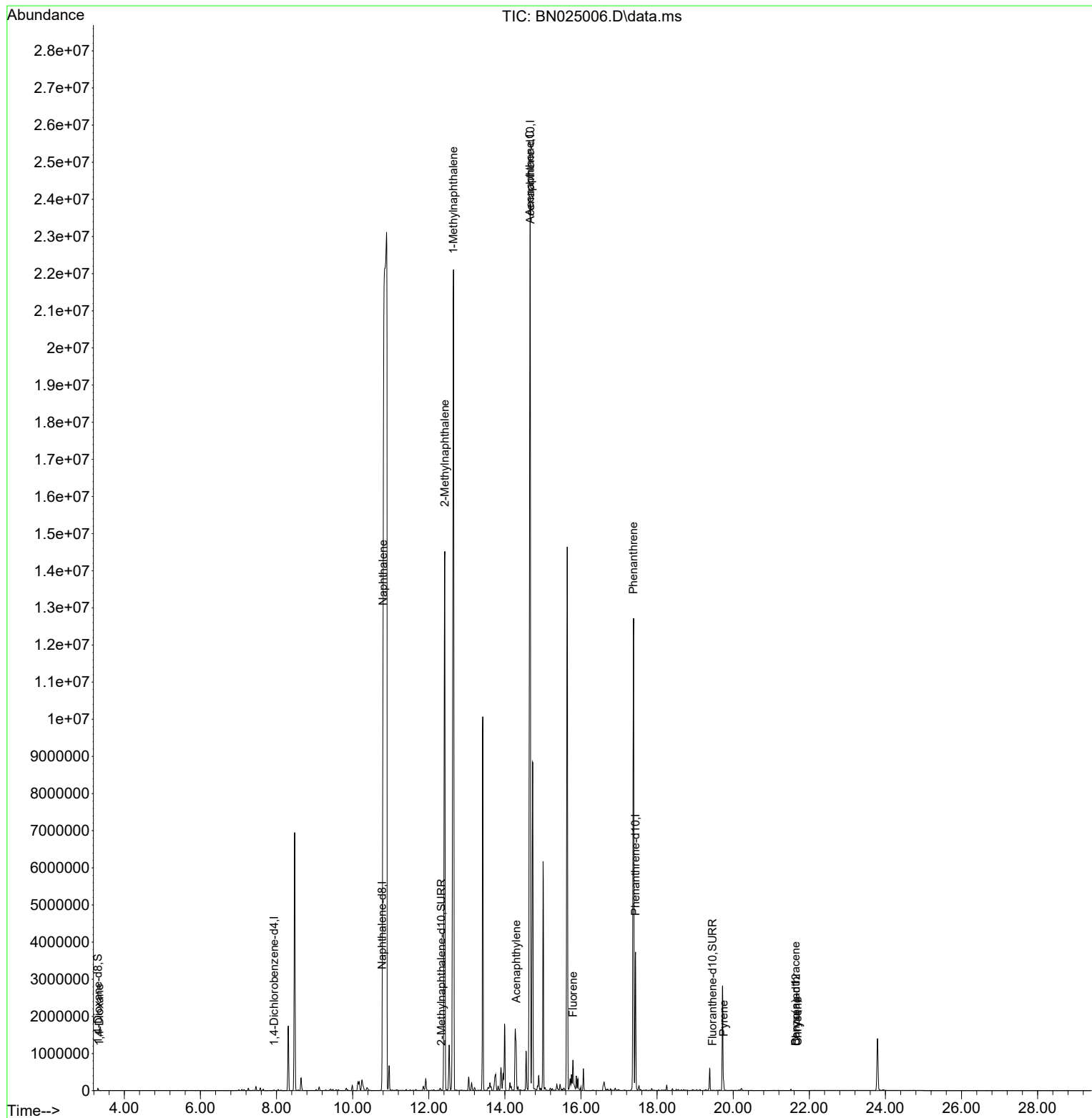
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	9135	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25144	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.668	164	8343	0.400	ng/ul	# 0.09
13) Phenanthrene-d10	17.428	188	2615310	0.400	ng/ul	0.10
17) Chrysene-d12	21.650	240	195	0.400	ng/ul	# 0.13
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.97
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	36502	3.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	13736	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.453	212	766	1.582	ng/ul	0.10
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	812	0.074	ng/ul#	59
5) Naphthalene	10.798	128	62018593	967.759	ng/ul#	93
7) 2-Methylnaphthalene	12.420	142	11551032	289.877	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	18474177	437.301	ng/ul	100
10) Acenaphthylene	14.298	152	255161	8.155	ng/ul#	51
11) Acenaphthene	14.659	153	17839213	665.115	ng/ul	96
12) Fluorene	15.792	166	221113	7.361	ng/ul#	1
15) Phenanthrene	17.377	178	15221431	2.065	ng/ul	94
20) Pyrene	19.750	202	197642	287.262	ng/ul	97
21) Benzo(a)anthracene	21.638	228	90	0.146	ng/ul#	1
22) Chrysene	21.693	228	1528	2.292	ng/ul#	61

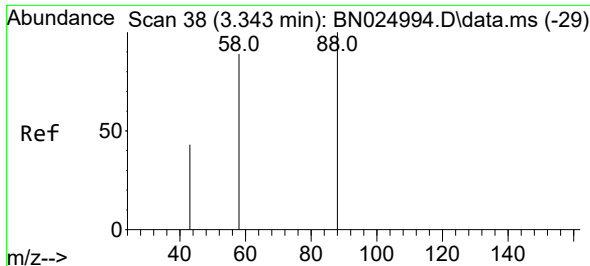
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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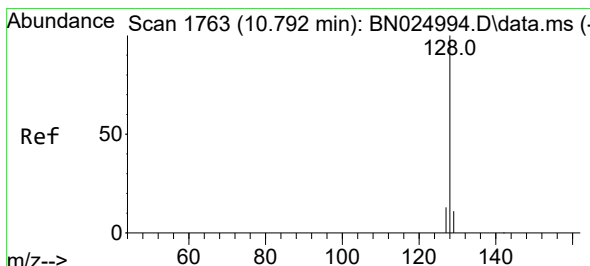
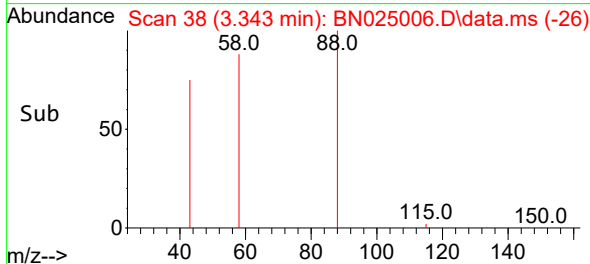
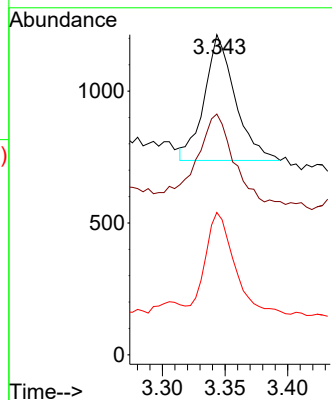
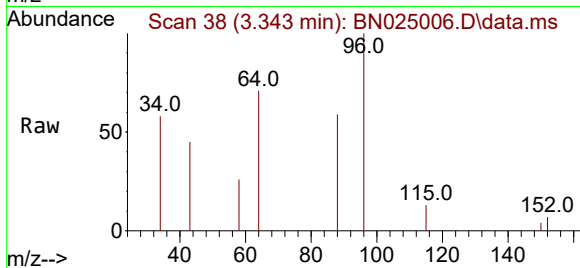




#2
1,4-Dioxane
Concen: 0.074 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

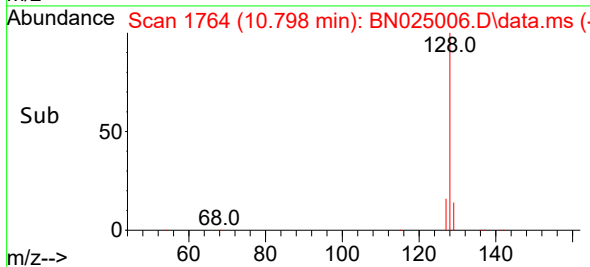
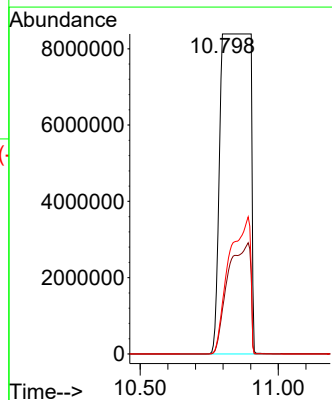
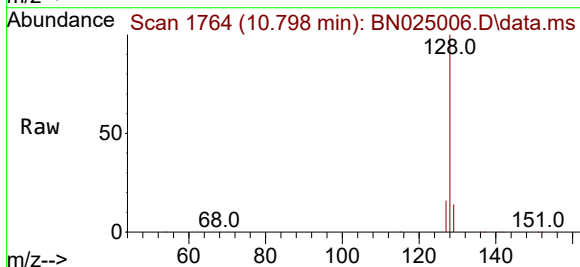
Instrument :
BNA_N
ClientSampleId :
DCBL0

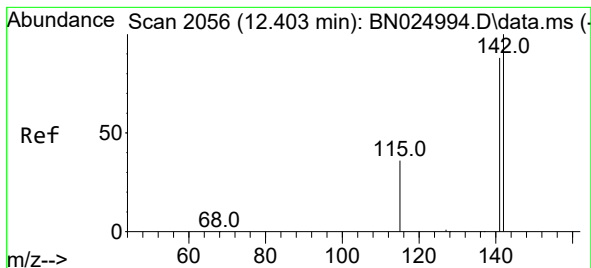
Tgt Ion: 88 Resp: 812
Ion Ratio Lower Upper
88 100
43 75.2 39.1 58.7#
58 44.5 65.7 98.5#



#5
Naphthalene
Concen: 967.759 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion: 128 Resp: 62018593
Ion Ratio Lower Upper
128 100
129 14.0 9.1 13.7#
127 16.0 10.5 15.7#

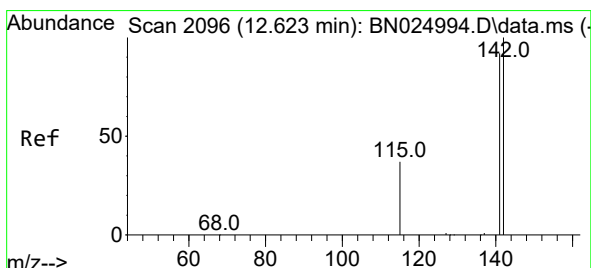
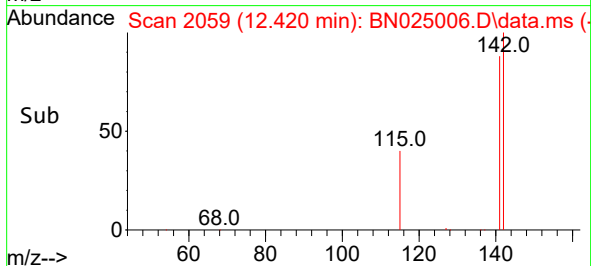
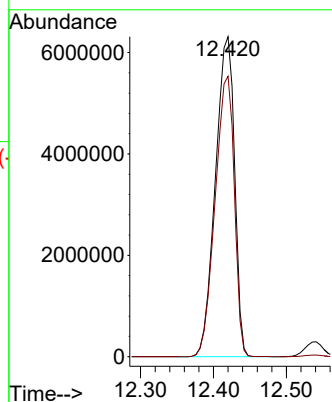
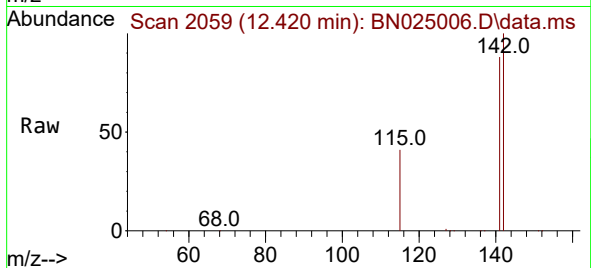




#7
2-Methylnaphthalene
Concen: 289.877 ng/ul
RT: 12.420 min Scan# 2100
Delta R.T. 0.017 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

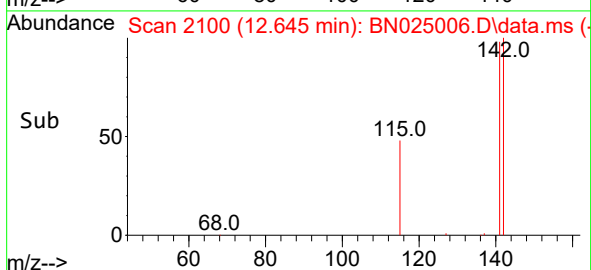
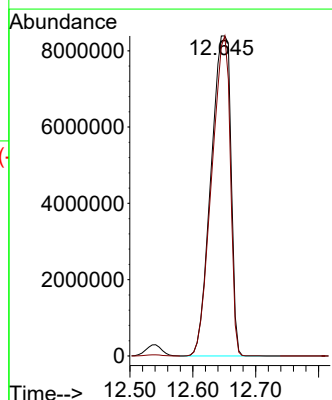
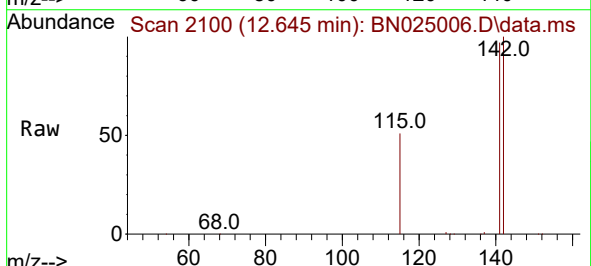
Instrument :
BNA_N
ClientSampleId :
DCBL0

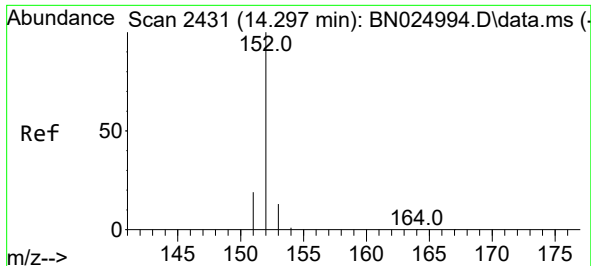
Tgt Ion:142 Resp:11551032
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1



#8
1-Methylnaphthalene
Concen: 437.301 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.022 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:142 Resp:18474177
Ion Ratio Lower Upper
142 100
141 93.0 74.0 111.0

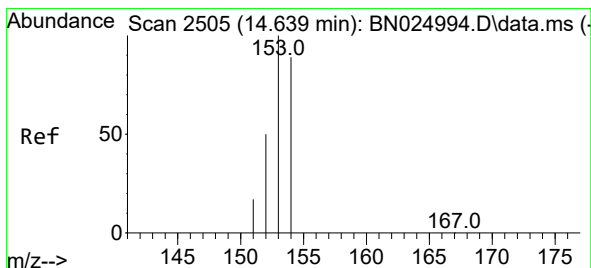
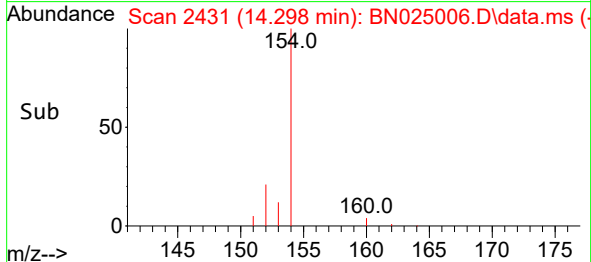
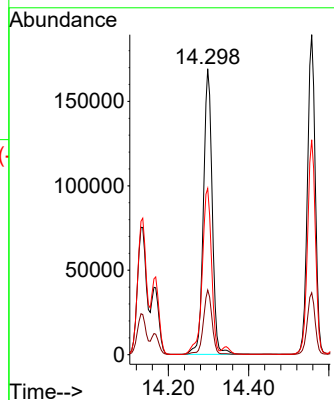
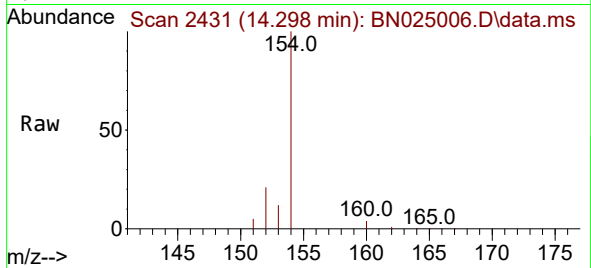




#10
Acenaphthylene
Concen: 8.155 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

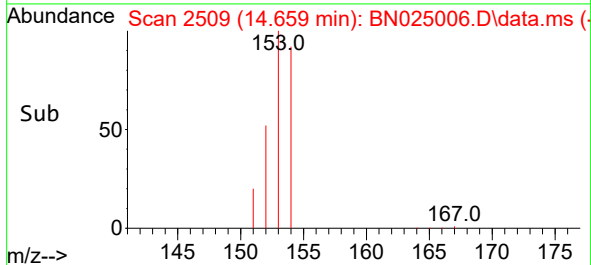
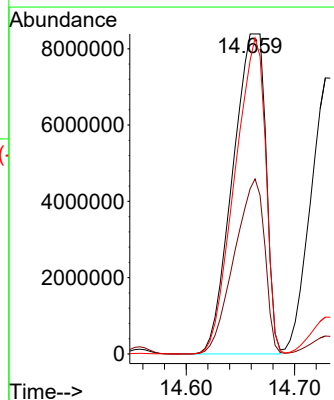
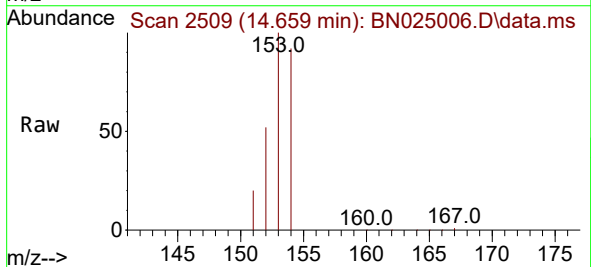
Instrument :
BNA_N
ClientSampleId :
DCBL0

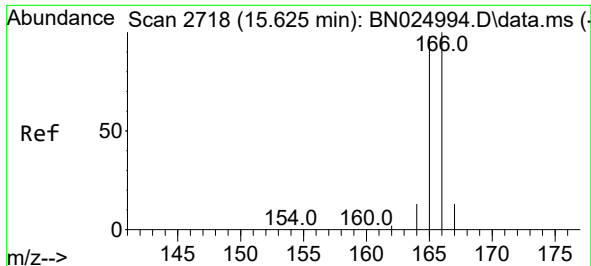
Tgt Ion:152 Resp: 255161
Ion Ratio Lower Upper
152 100
151 22.6 15.7 23.5
153 58.1 10.6 16.0#



#11
Acenaphthene
Concen: 665.115 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. 0.019 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:153 Resp:17839213
Ion Ratio Lower Upper
153 100
152 51.6 40.7 61.1
154 91.8 69.4 104.2

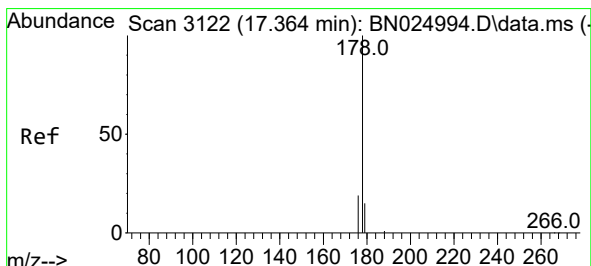
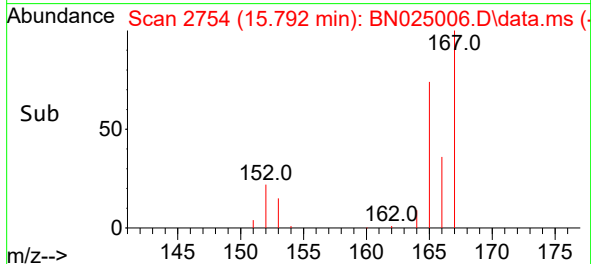
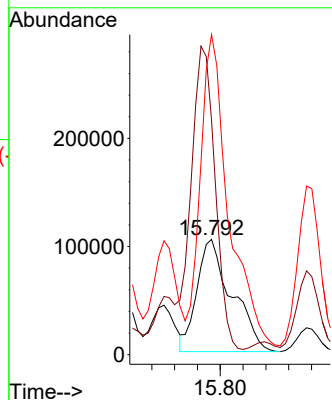
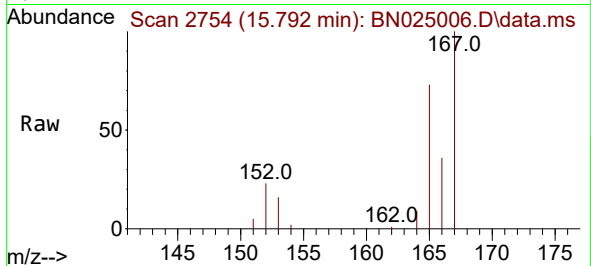




#12
Fluorene
Concen: 7.361 ng/ul
RT: 15.792 min Scan# 2113
Delta R.T. 0.168 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

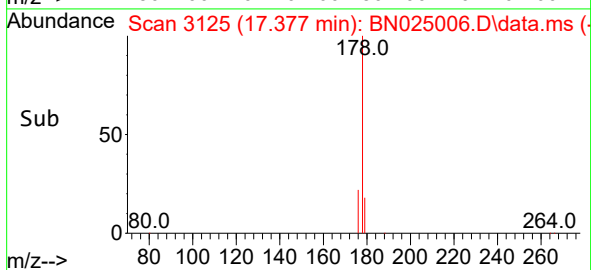
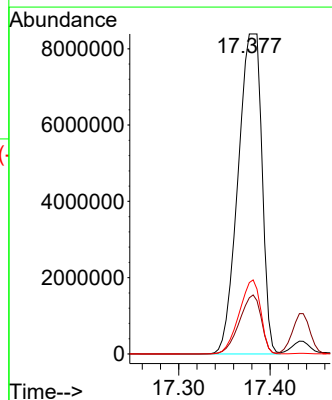
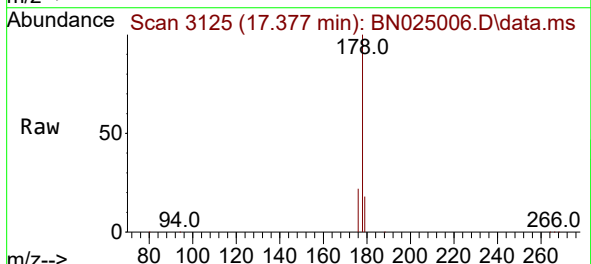
Instrument :
BNA_N
ClientSampleId :
DCBL0

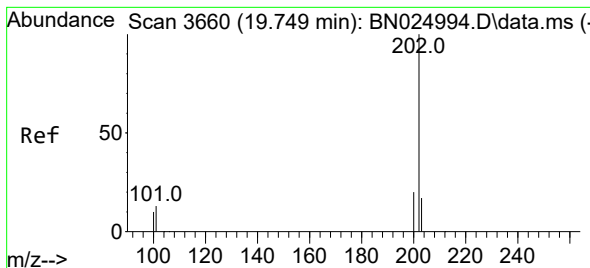
Tgt Ion:166 Resp: 221113
Ion Ratio Lower Upper
166 100
165 203.0 80.1 120.1#
167 277.4 10.7 16.1#



#15
Phenanthrene
Concen: 2.065 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. 0.014 min
Lab File: BN025006.D
Acq: 19 Apr 2023 17:27

Tgt Ion:178 Resp:15221431
Ion Ratio Lower Upper
178 100
179 17.6 12.3 18.5
176 22.3 15.4 23.0





#20

Pyrene

Concen: 287.262 ng/ul

RT: 19.750 min Scan# 3

Delta R.T. 0.001 min

Lab File: BN025006.D

Acq: 19 Apr 2023 17:27

Instrument :

BNA_N

ClientSampleId :

DCBL0

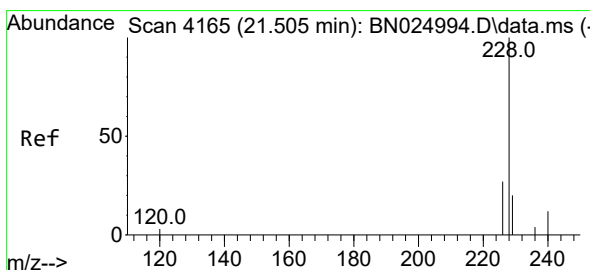
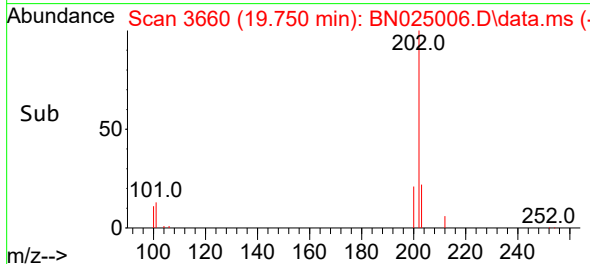
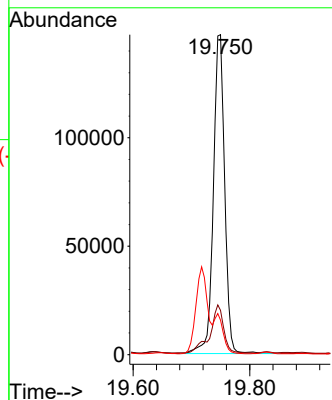
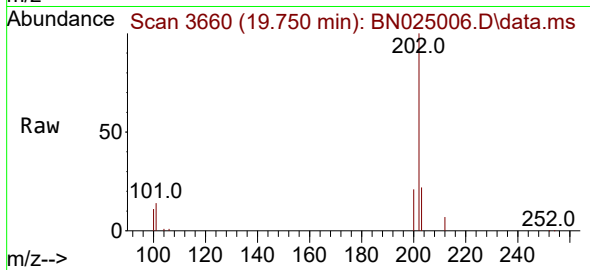
Tgt Ion:202 Resp: 197642

Ion Ratio Lower Upper

202 100

101 13.8 11.8 17.8

100 10.8 9.5 14.3



#21

Benzo(a)anthracene

Concen: 0.146 ng/ul

RT: 21.638 min Scan# 4210

Delta R.T. 0.132 min

Lab File: BN025006.D

Acq: 19 Apr 2023 17:27

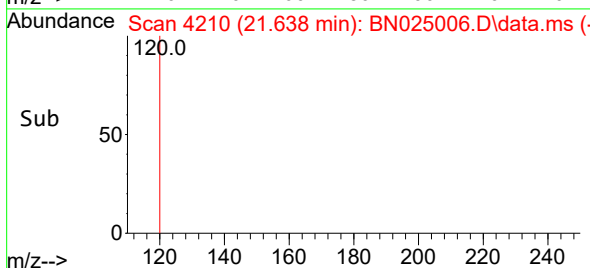
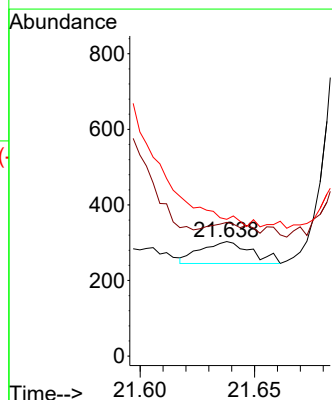
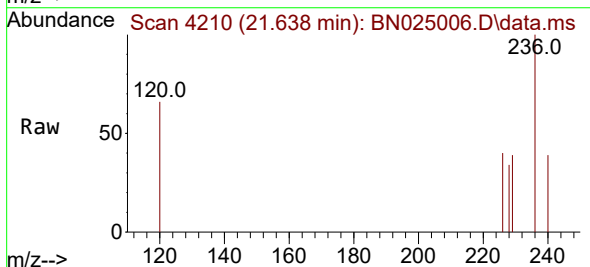
Tgt Ion:228 Resp: 90

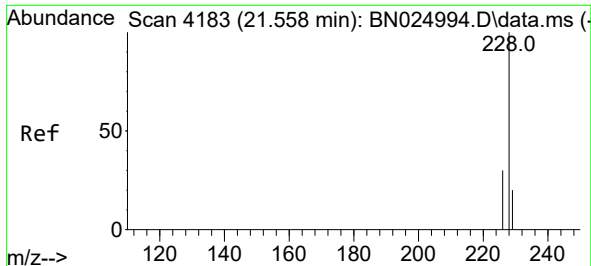
Ion Ratio Lower Upper

228 100

229 116.8 15.8 23.8#

226 119.5 22.2 33.2#





#22

Chrysene

Concen: 2.292 ng/ul

RT: 21.693 min Scan# 41

Delta R.T. 0.135 min

Lab File: BN025006.D

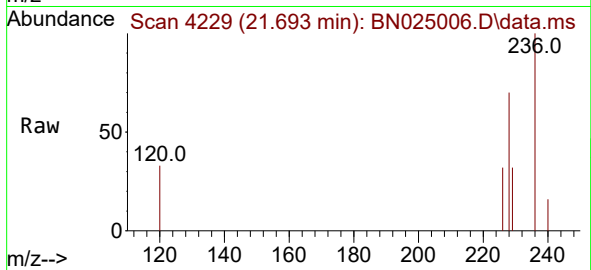
Acq: 19 Apr 2023 17:27

Instrument :

BNA_N

ClientSampleId :

DCBL0



Tgt Ion:228 Resp: 1528

Ion Ratio Lower Upper

228 100

226 45.4 24.3 36.5#

229 46.1 15.7 23.5#

