

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025017.D
 Acq On : 20 Apr 2023 00:37
 Operator : CG/JU
 Sample : 02296-08DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL0DL

Quant Time: Apr 20 05:11:19 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 : Thu Apr 20 05:08:16 2023
 Response via : Initial Calibration

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

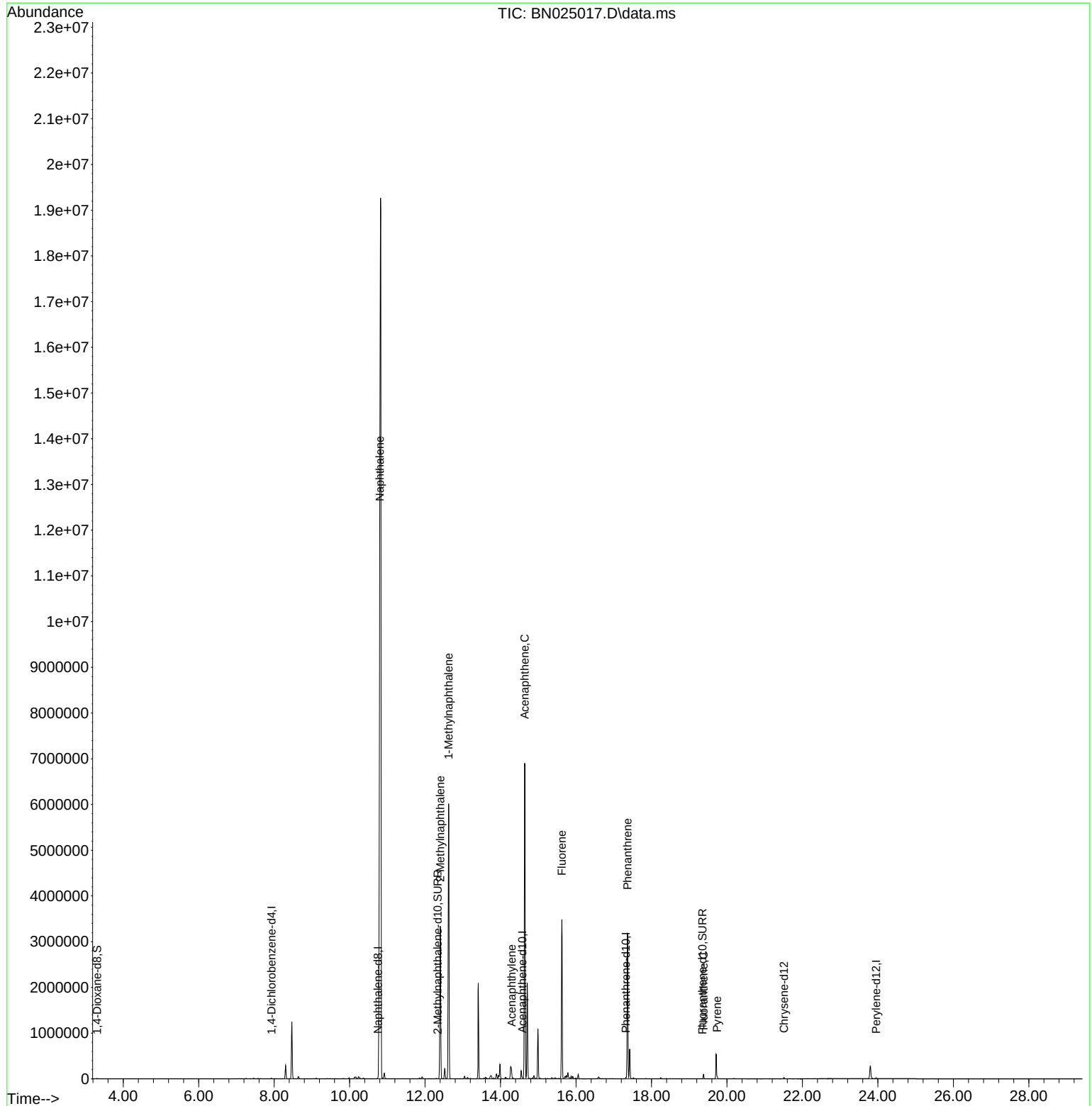
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.930	152	7272	0.400 ng/ul	0.00
4) Naphthalene-d8	10.748	136	23601	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.575	164	19279	0.400 ng/ul	# 0.00
13) Phenanthrene-d10	17.322	188	32916	0.400 ng/ul	0.00
17) Chrysene-d12	21.511	240	27193	0.400 ng/ul	0.00
23) Perylene-d12	23.952	264	23597	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.306	96	5770	0.727 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2195	0.072 ng/ul	0.00
18) Fluoranthene-d10	19.349	212	5371	0.080 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.798	128	27775289	461.751 ng/ul#	94
7) 2-Methylnaphthalene	12.403	142	2293362	61.315 ng/ul	100
8) 1-Methylnaphthalene	12.623	142	4148281	104.613 ng/ul	98
10) Acenaphthylene	14.293	152	42749	0.591 ng/ul#	51
11) Acenaphthene	14.640	153	4088591	65.968 ng/ul	97
12) Fluorene	15.625	166	2148328	30.949 ng/ul	97
15) Phenanthrene	17.364	178	3421099	36.882 ng/ul	99
19) Fluoranthene	19.377	202	83975	0.897 ng/ul	98
20) Pyrene	19.740	202	34264	0.357 ng/ul	98

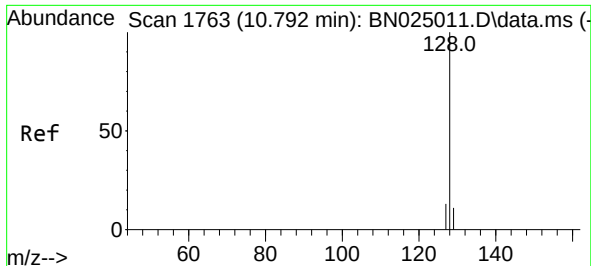
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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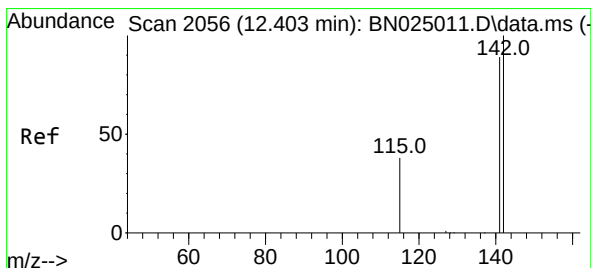
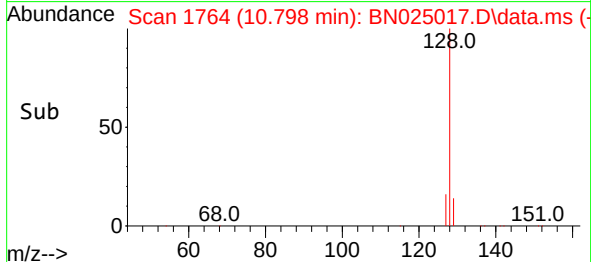
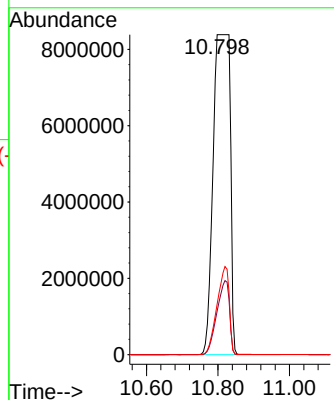
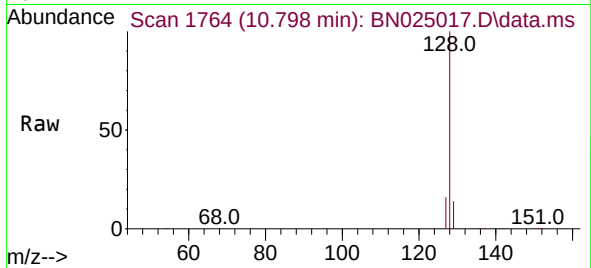




#5
Naphthalene
Concen: 461.751 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

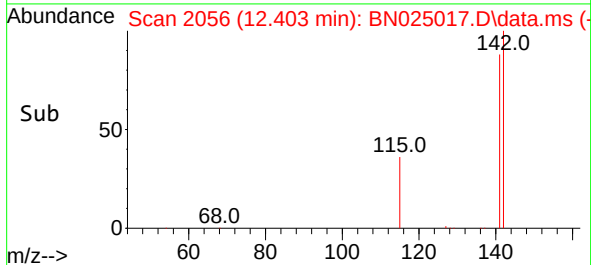
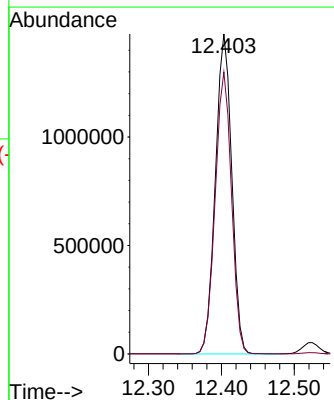
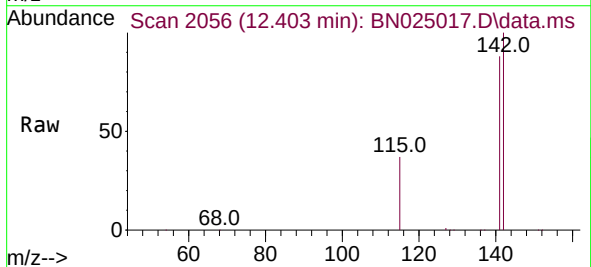
Instrument :
BNA_N
ClientSampleId :
DCBL0DL

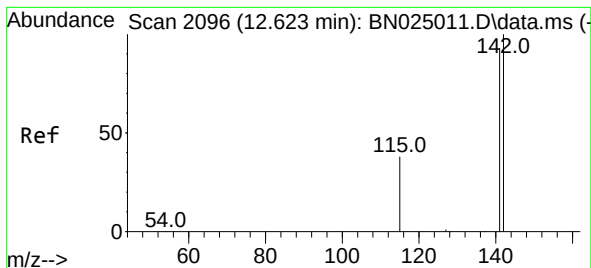
Tgt Ion:128 Resp:27775289
Ion Ratio Lower Upper
128 100
129 13.6 9.1 13.7
127 15.8 10.5 15.7#



#7
2-Methylnaphthalene
Concen: 61.315 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

Tgt Ion:142 Resp: 2293362
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1





#8

1-Methylnaphthalene

Concen: 104.613 ng/ul

RT: 12.623 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BN025017.D

Acq: 20 Apr 2023 00:37

Instrument :

BNA_N

ClientSampleId :

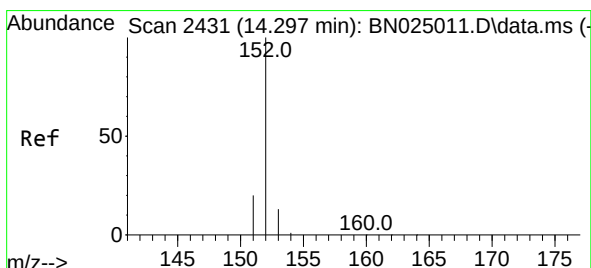
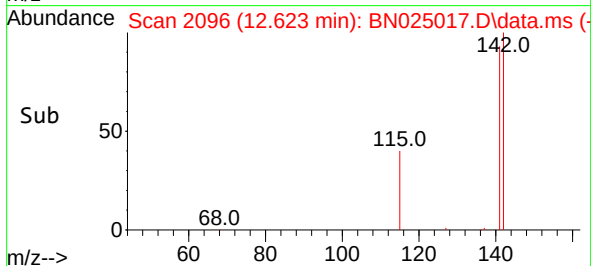
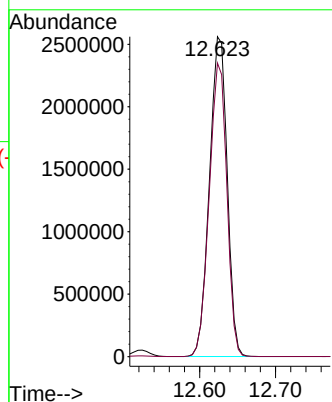
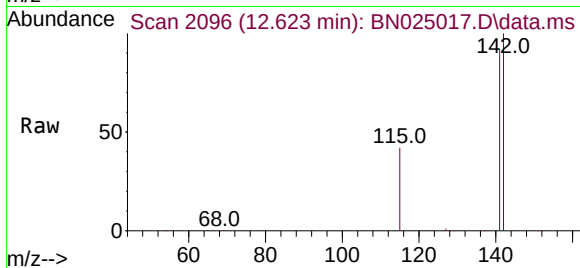
DCBL0DL

Tgt Ion:142 Resp: 4148281

Ion Ratio Lower Upper

142 100

141 91.1 74.0 111.0



#10

Acenaphthylene

Concen: 0.591 ng/ul

RT: 14.293 min Scan# 2430

Delta R.T. -0.005 min

Lab File: BN025017.D

Acq: 20 Apr 2023 00:37

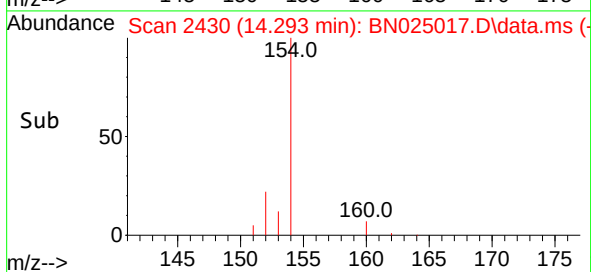
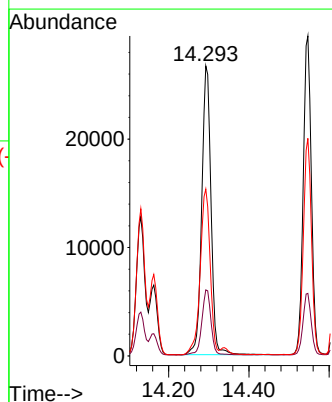
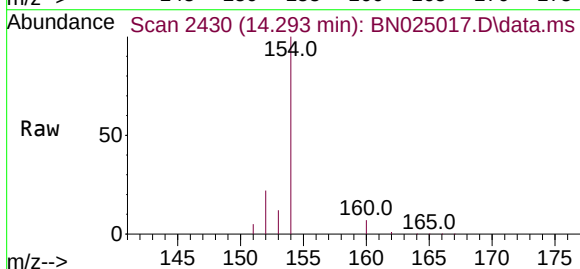
Tgt Ion:152 Resp: 42749

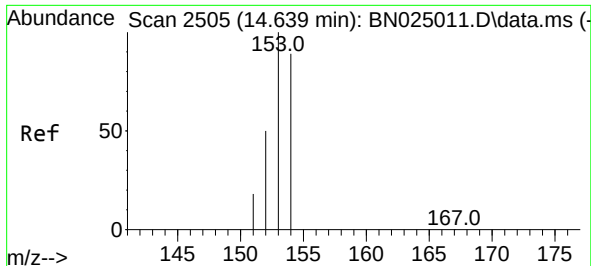
Ion Ratio Lower Upper

152 100

151 22.7 15.7 23.5

153 57.5 10.6 16.0#

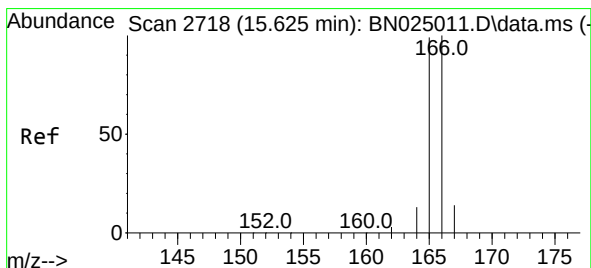
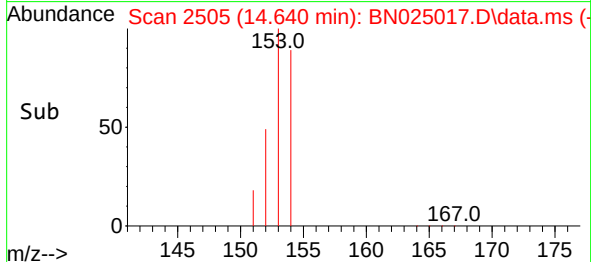
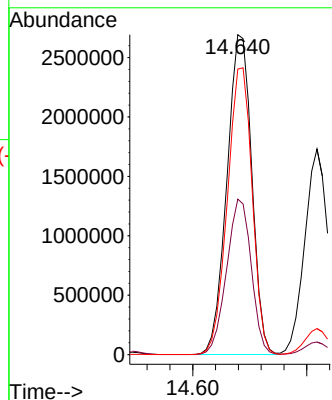
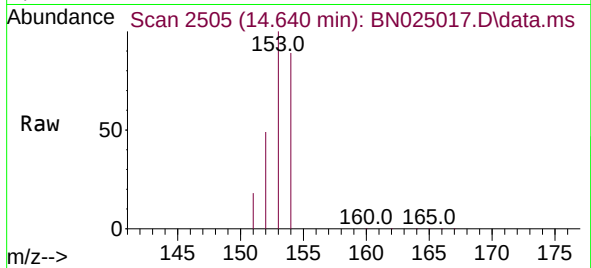




#11
Acenaphthene
Concen: 65.968 ng/ul
RT: 14.640 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

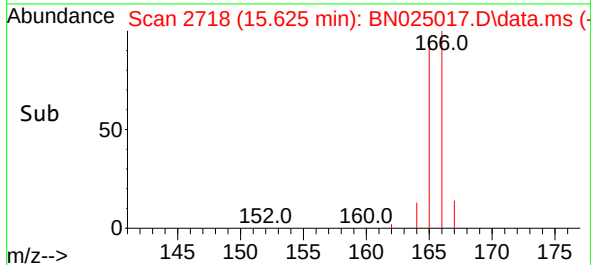
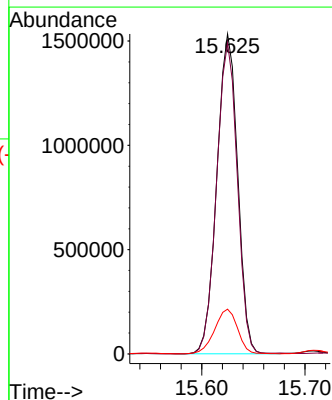
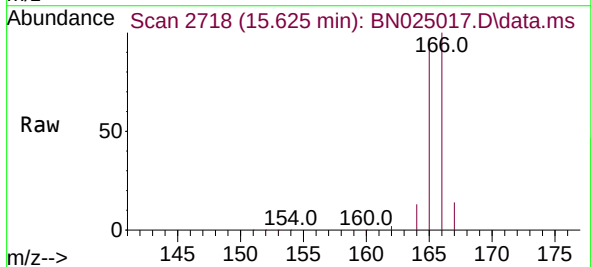
Instrument :
BNA_N
ClientSampleId :
DCBL0DL

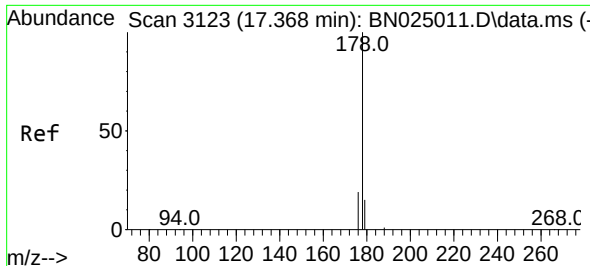
Tgt Ion:153 Resp: 4088591
Ion Ratio Lower Upper
153 100
152 48.6 40.7 61.1
154 89.2 69.4 104.2



#12
Fluorene
Concen: 30.949 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

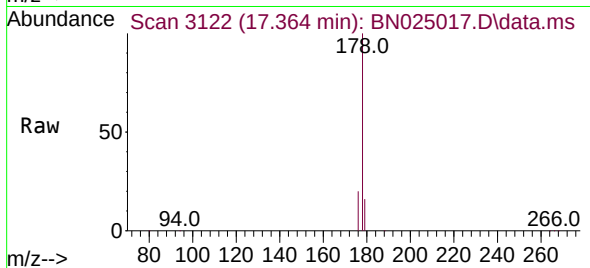
Tgt Ion:166 Resp: 2148328
Ion Ratio Lower Upper
166 100
165 97.2 80.1 120.1
167 14.0 10.7 16.1



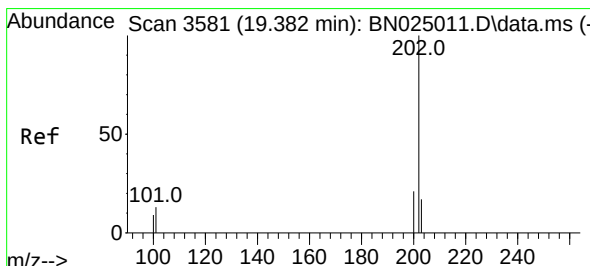
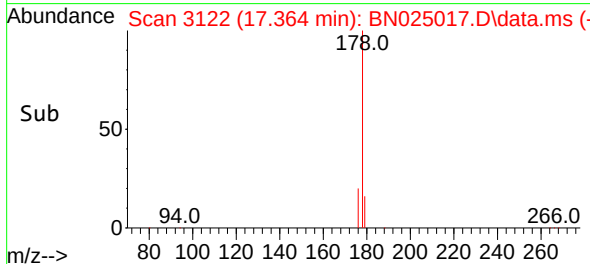
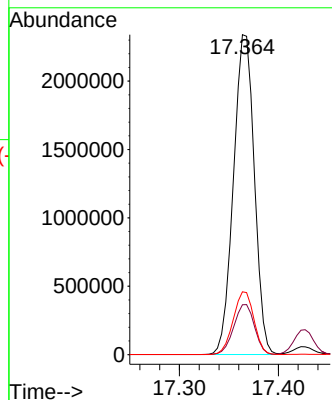


#15
Phenanthrene
Concen: 36.882 ng/ul
RT: 17.364 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

Instrument :
BNA_N
ClientSampleId :
DCBL0DL

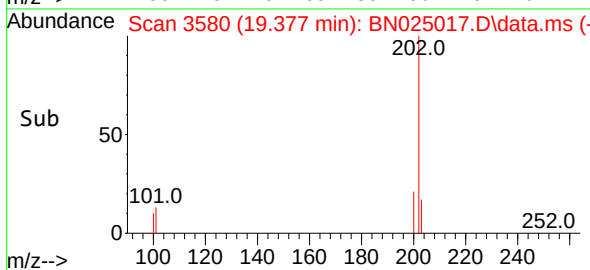
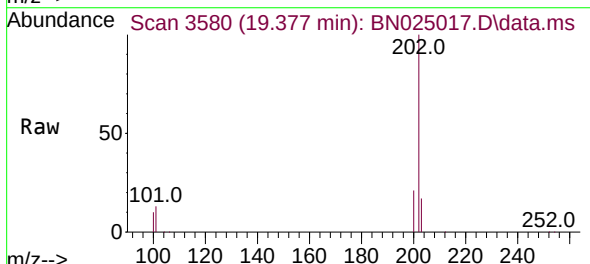
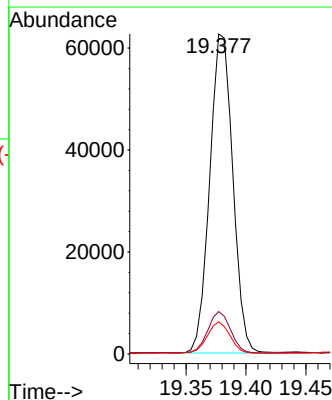


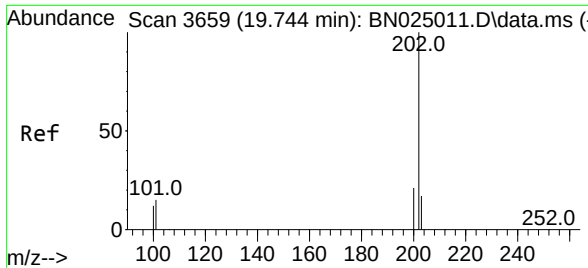
Tgt Ion:178 Resp: 3421099
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.6 15.4 23.0



#19
Fluoranthene
Concen: 0.897 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

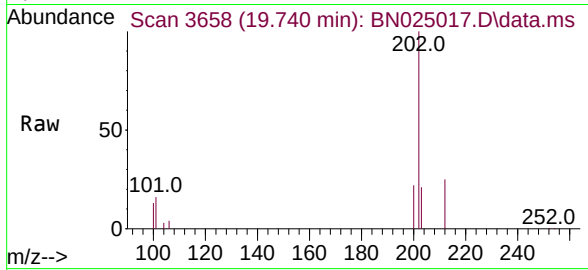
Tgt Ion:202 Resp: 83975
Ion Ratio Lower Upper
202 100
101 13.2 10.0 15.0
100 10.0 7.5 11.3





#20
 Pyrene
 Concen: 0.357 ng/ul
 RT: 19.740 min Scan# 3659
 Delta R.T. -0.005 min
 Lab File: BN025017.D
 Acq: 20 Apr 2023 00:37

Instrument :
 BNA_N
 ClientSampleId :
 DCBL0DL



Tgt Ion:202 Resp: 34264

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.8	17.8
100	12.8	9.5	14.3

