

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)

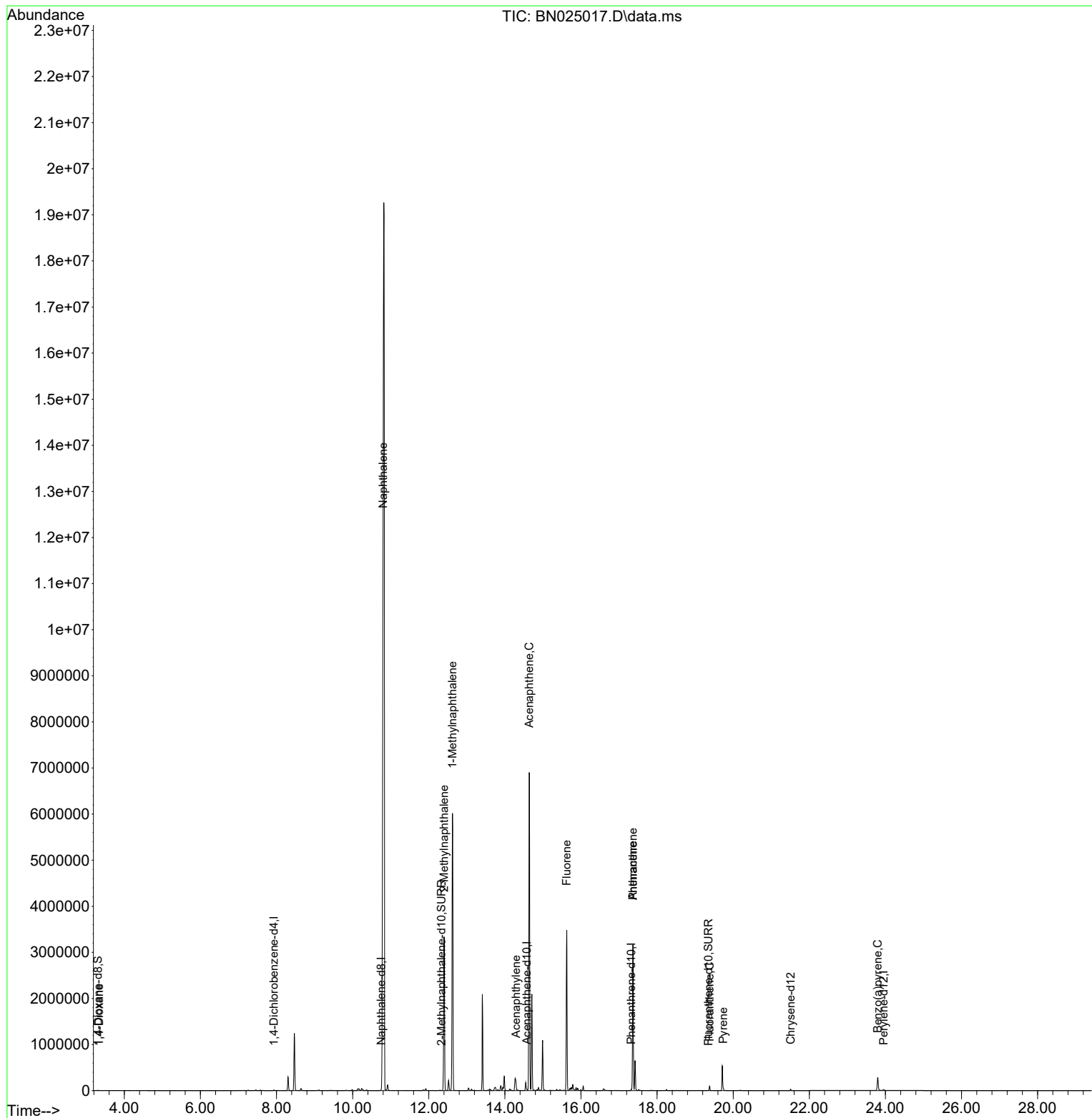
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	23601	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	19279	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.322	188	32916	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	27193	0.400	ng/ul	0.00
23) 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	
2) 1,4-Dioxane	3.339	88	201	0.023	ng/ul#	52
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
16) Anthracene	17.364	178	2201492	28.552	ng/ul	98
19) Fluoranthene	19.377	202	83975	0.897	ng/ul	98
20) Pyrene	19.740	202	34264	0.357	ng/ul	98
26) Benzo(a)pyrene	23.797	252	1798	0.023	ng/ul#	1

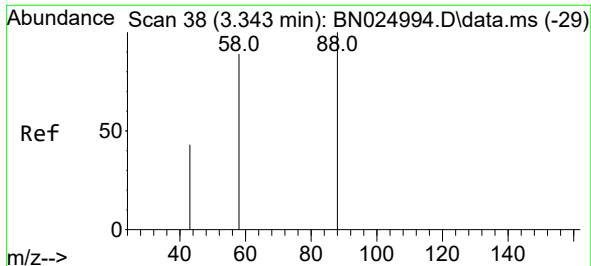
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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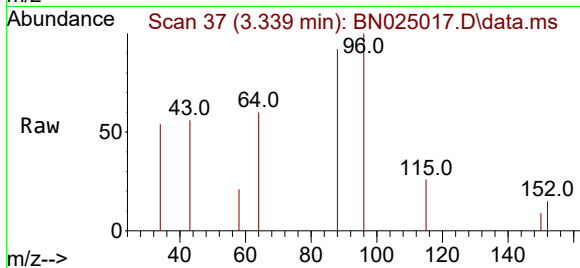
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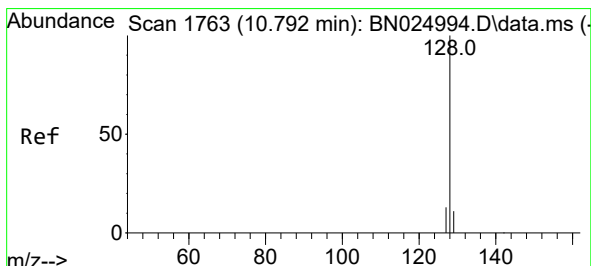
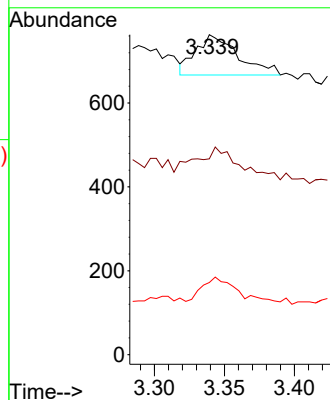
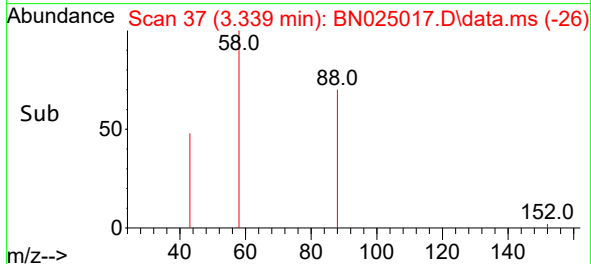


#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

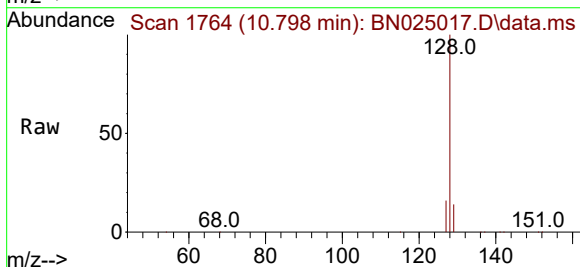
Instrument :
BNA_N
ClientSampleId :
DCBL0DL



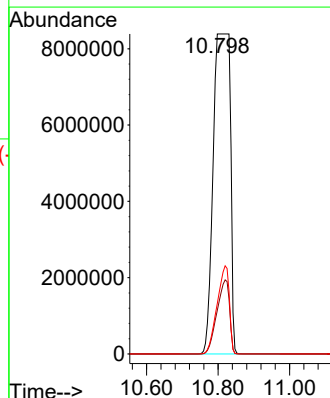
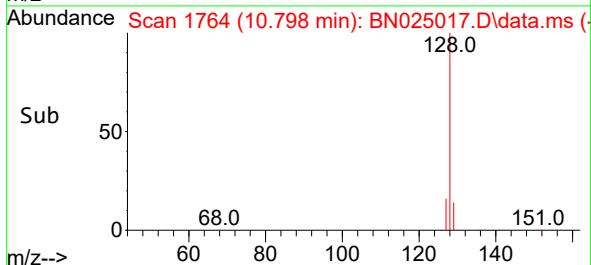
Tgt Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
43 61.2 39.1 58.7#
58 22.5 65.7 98.5#

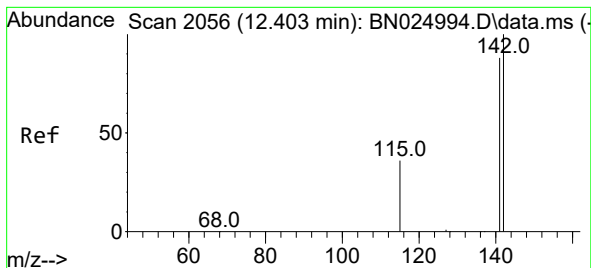


#5
Naphthalene
Concen: 461.751 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37



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#

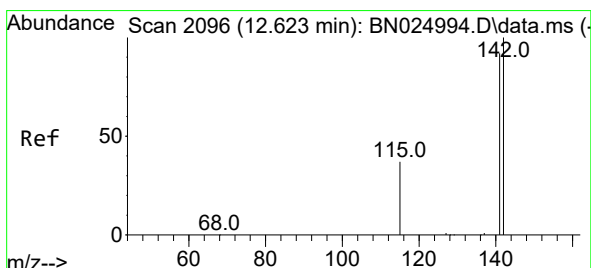
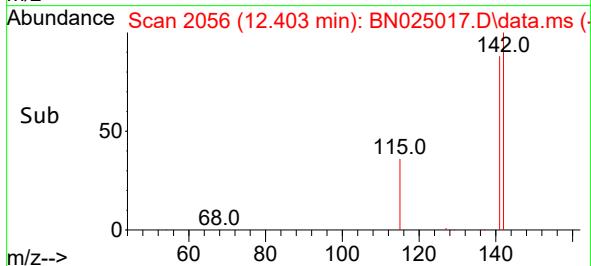
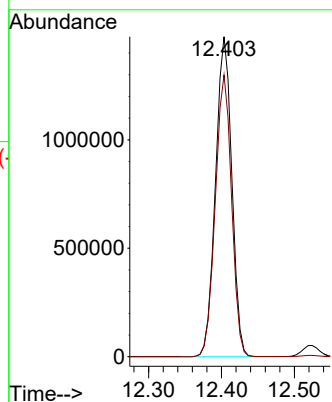
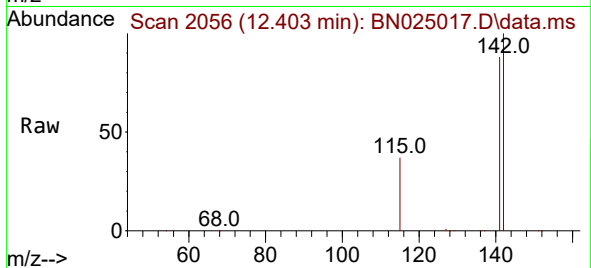




#7
2-Methylnaphthalene
Concen: 61.315 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

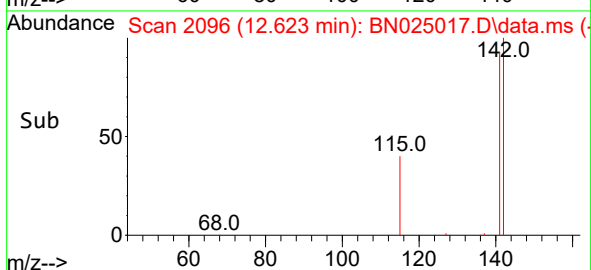
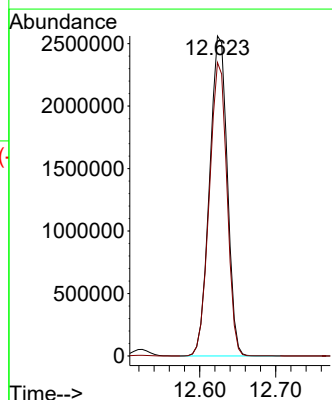
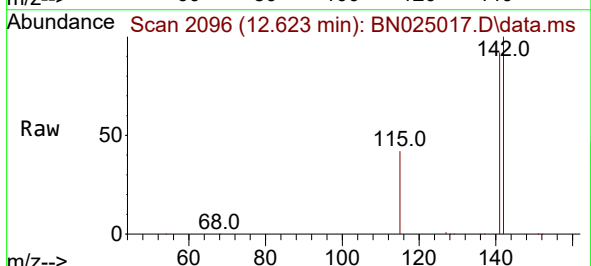
Instrument :
BNA_N
ClientSampleId :
DCBL0DL

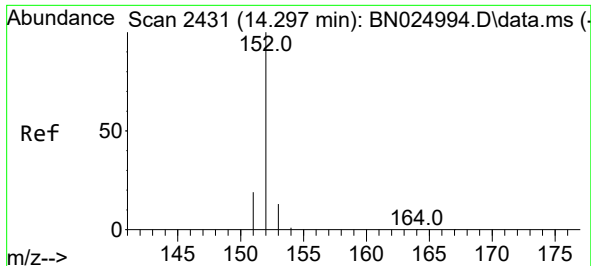
Tgt Ion:142 Resp: 2293362
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1



#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

Tgt Ion:142 Resp: 4148281
Ion Ratio Lower Upper
142 100
141 91.1 74.0 111.0

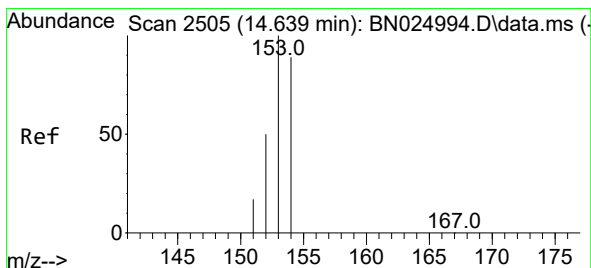
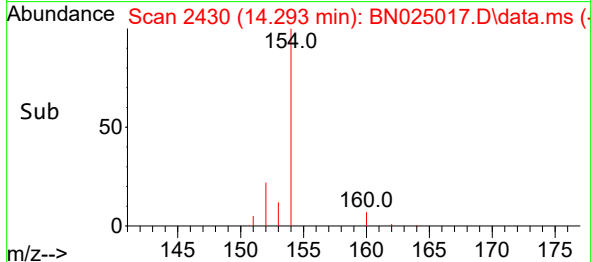
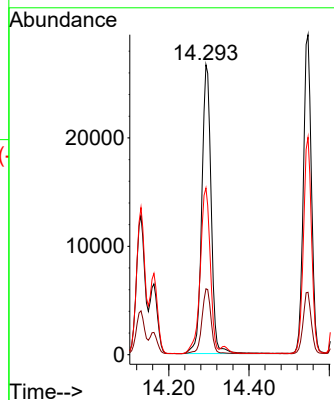
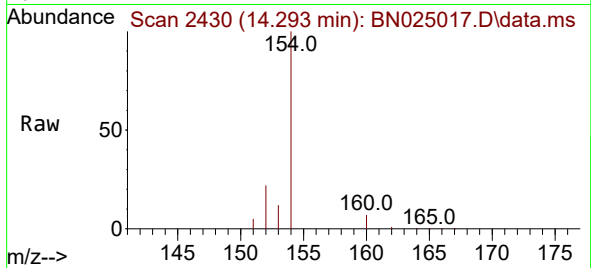




#10
Acenaphthylene
Concen: 0.591 ng/ul
RT: 14.293 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

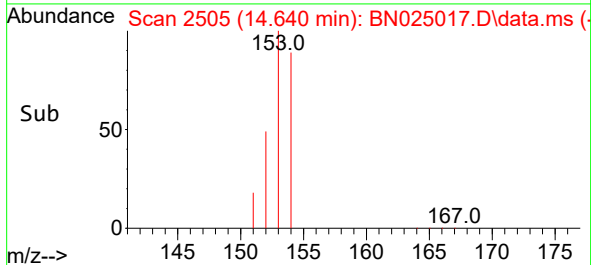
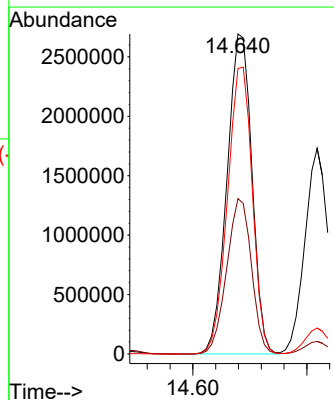
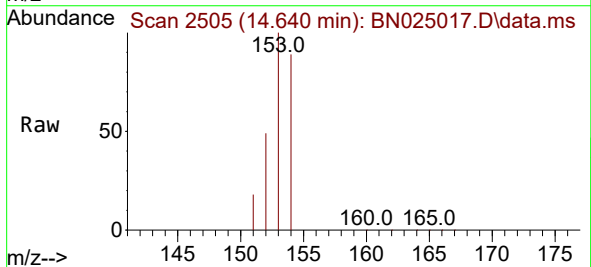
Instrument :
BNA_N
ClientSampleId :
DCBL0DL

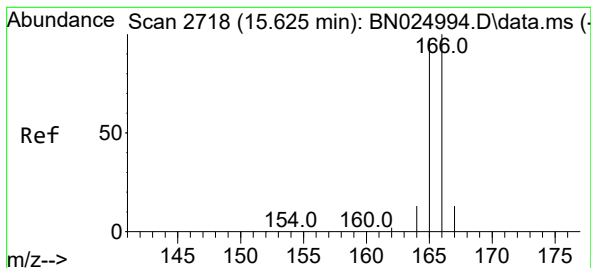
Tgt Ion:152 Resp: 42749
Ion Ratio Lower Upper
152 100
151 22.7 15.7 23.5
153 57.5 10.6 16.0#



#11
Acenaphthene
Concen: 65.968 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

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# 21

Delta R.T. 0.000 min

Lab File: BN025017.D

Acq: 20 Apr 2023 00:37

Instrument :

BNA_N

ClientSampleId :

DCBL0DL

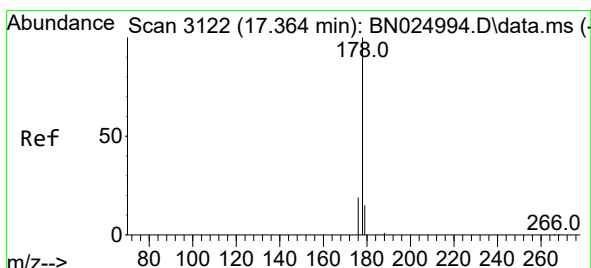
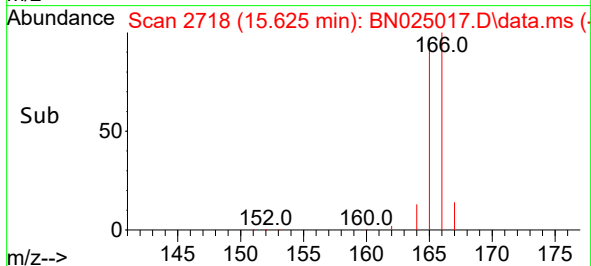
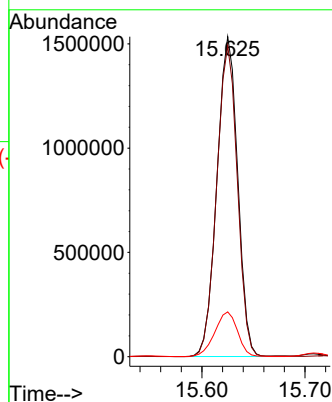
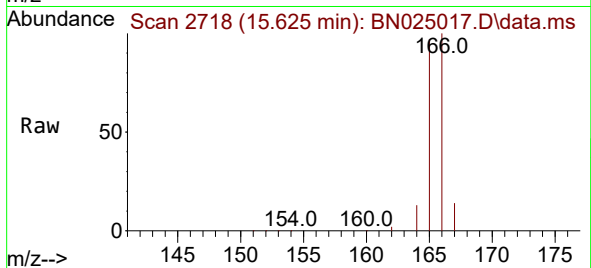
Tgt Ion:166 Resp: 2148328

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# 3122

Delta R.T. -0.004 min

Lab File: BN025017.D

Acq: 20 Apr 2023 00:37

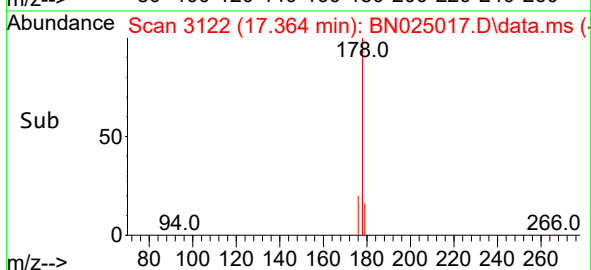
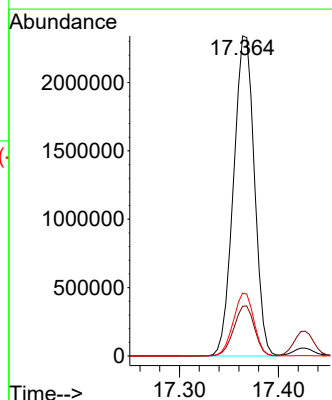
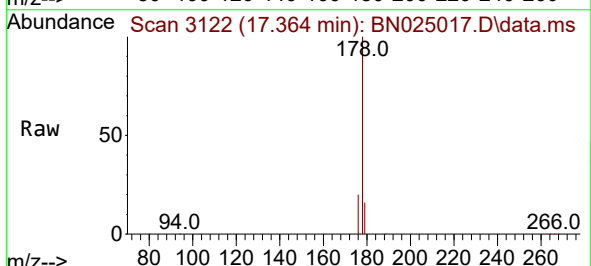
Tgt Ion:178 Resp: 3421099

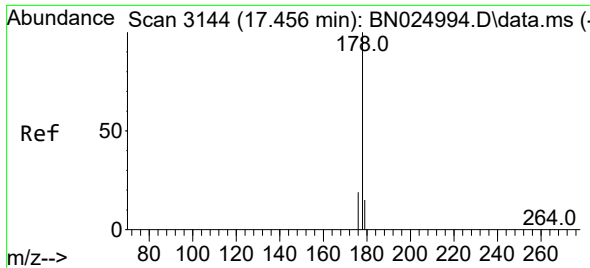
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

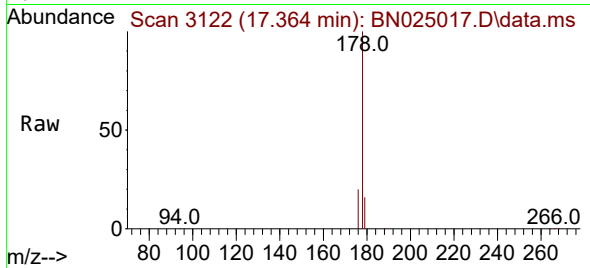
176 19.6 15.4 23.0



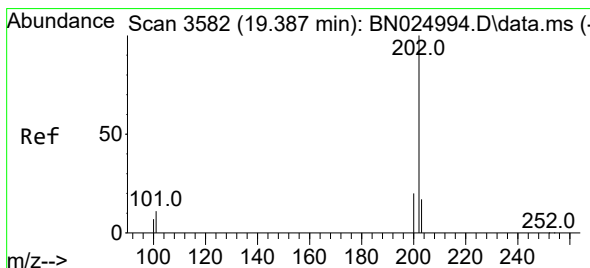
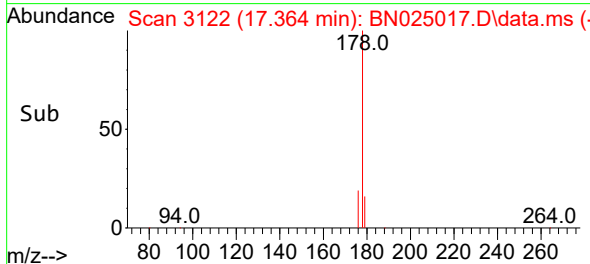
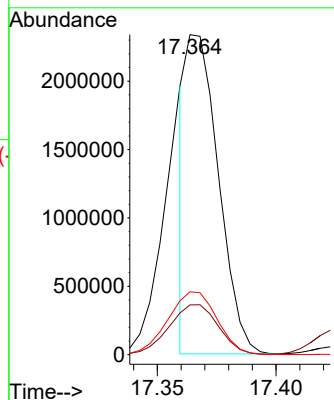


#16
 Anthracene
 Concen: 28.552 ng/ul
 RT: 17.364 min Scan# 3144
 Delta R.T. -0.093 min
 Lab File: BN025017.D
 Acq: 20 Apr 2023 00:37

Instrument :
 BNA_N
 ClientSampleId :
 DCBL0DL

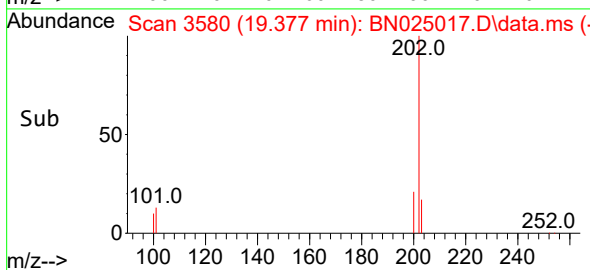
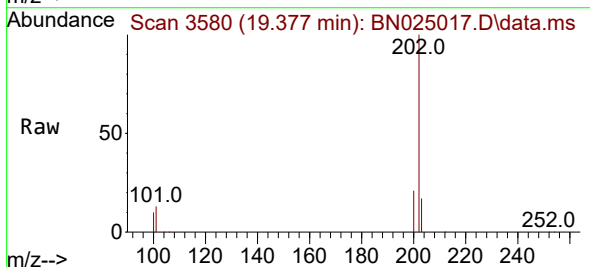
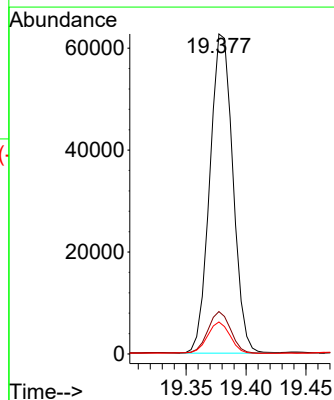


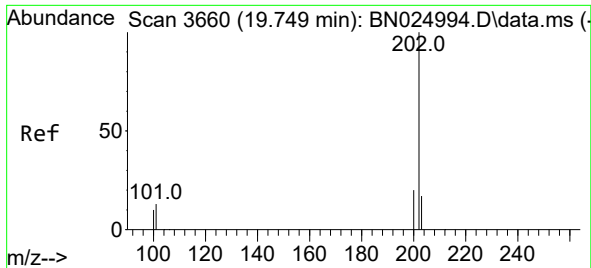
Tgt Ion:178 Resp: 2201492
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 19.6 14.7 22.1



#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

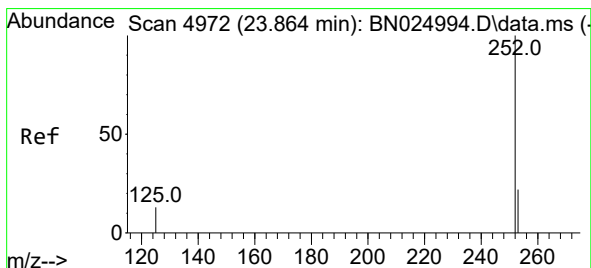
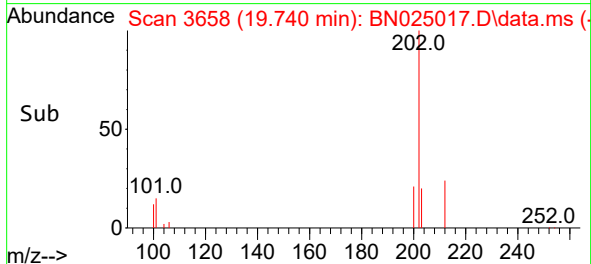
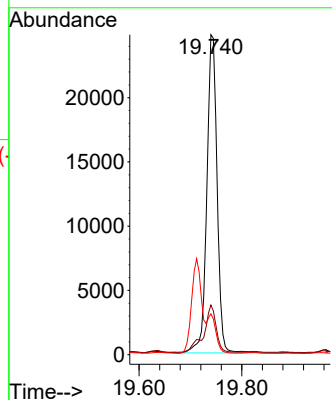
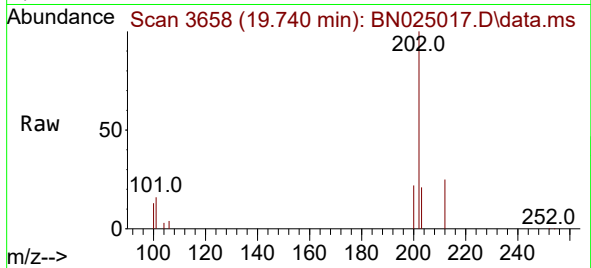




#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.740 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

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



#26
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.797 min Scan# 4949
Delta R.T. -0.055 min
Lab File: BN025017.D
Acq: 20 Apr 2023 00:37

Tgt Ion	252	Resp	1798
Ion	Ratio	Lower	Upper
252	100		
253	87.2	20.7	31.1#
125	72.5	15.9	23.9#

