

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025018.D
 Acq On : 20 Apr 2023 01:12
 Operator : CG/JU
 Sample : 02296-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL2DL

Quant Time: Apr 20 05:11:28 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)

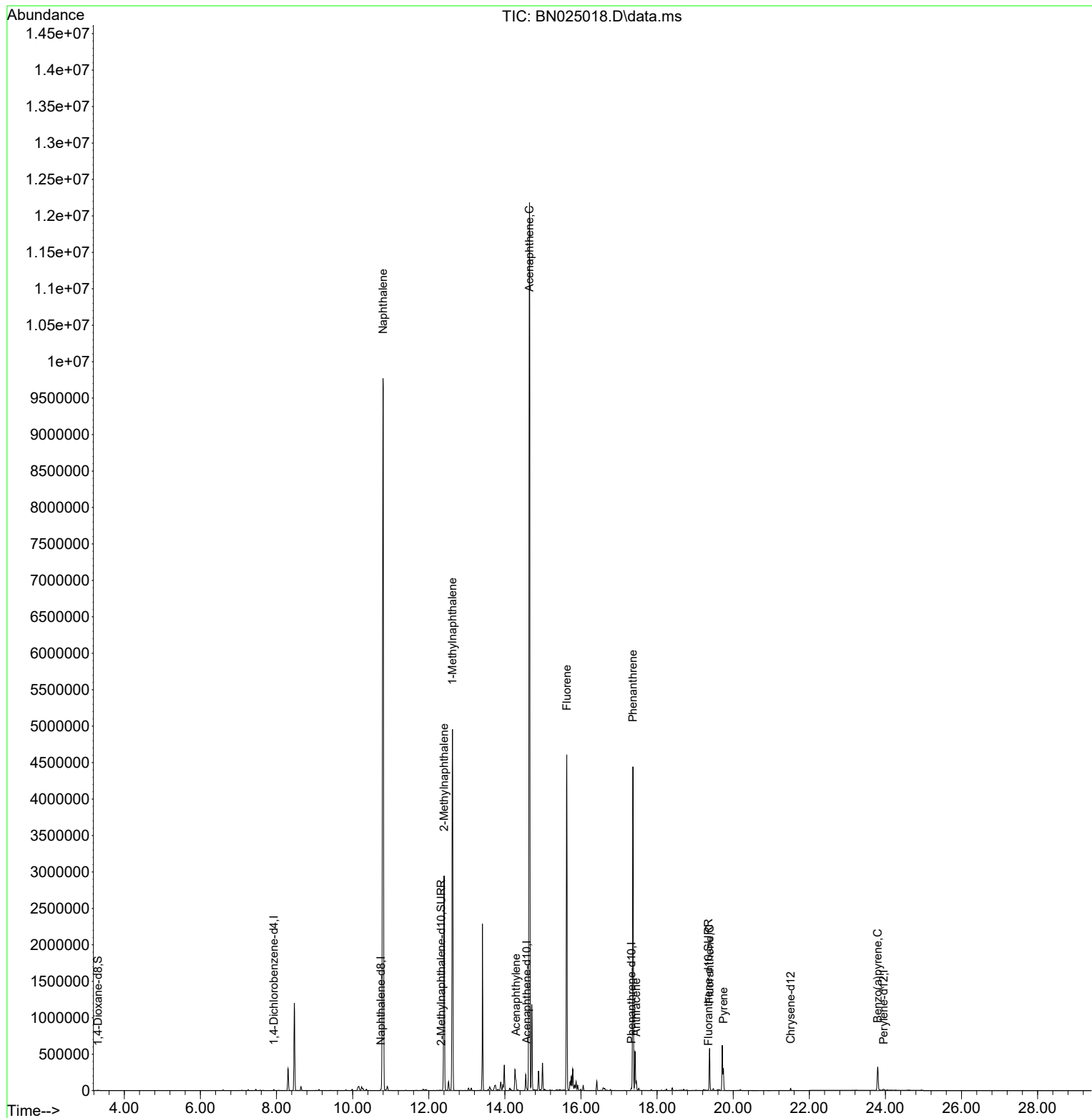
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	7308	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	23799	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.576	164	20796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	32938	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	27783	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	23225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3519	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	2500	0.082	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	4813	0.070	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	14691708	242.211	ng/ul	98
7) 2-Methylnaphthalene	12.403	142	2009111	53.269	ng/ul	100
8) 1-Methylnaphthalene	12.623	142	3357010	83.954	ng/ul	99
10) Acenaphthylene	14.293	152	88827	1.139	ng/ul#	83
11) Acenaphthene	14.645	153	7844460	117.335	ng/ul	97
12) Fluorene	15.626	166	2885471	38.536	ng/ul	97
15) Phenanthrene	17.365	178	4852618	52.280	ng/ul	99
16) Anthracene	17.453	178	145640	1.888	ng/ul	98
19) Fluoranthene	19.378	202	473467	4.949	ng/ul	99
20) Pyrene	19.741	202	251912	2.570	ng/ul	99
26) Benzo(a)pyrene	23.795	252	1641	0.021	ng/ul#	1

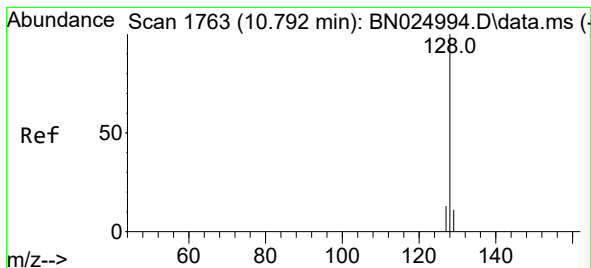
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 242.211 ng/ul

RT: 10.798 min Scan# 1764

Delta R.T. 0.005 min

Lab File: BN025018.D

Acq: 20 Apr 2023 01:12

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ClientSampleId :

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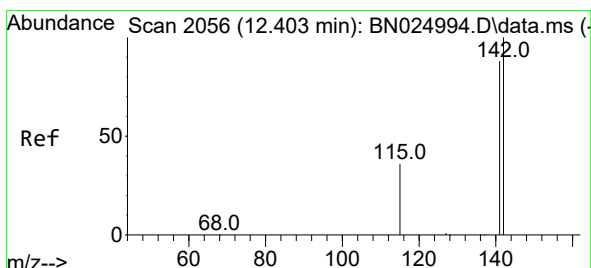
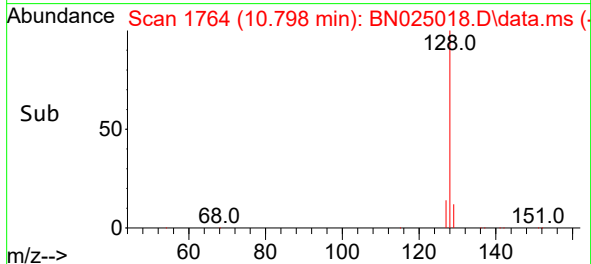
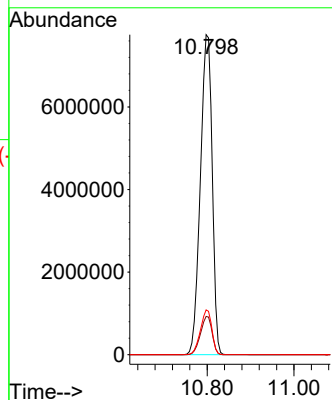
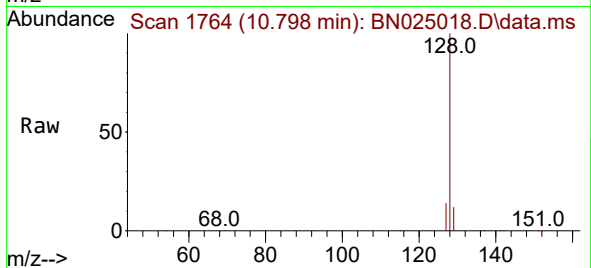
Tgt Ion:128 Resp:14691708

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

127 14.0 10.5 15.7



#7

2-Methylnaphthalene

Concen: 53.269 ng/ul

RT: 12.403 min Scan# 2056

Delta R.T. 0.000 min

Lab File: BN025018.D

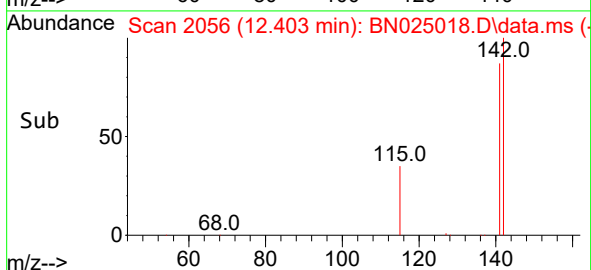
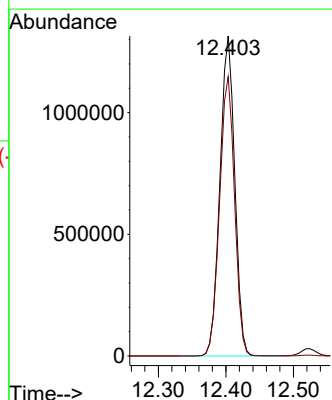
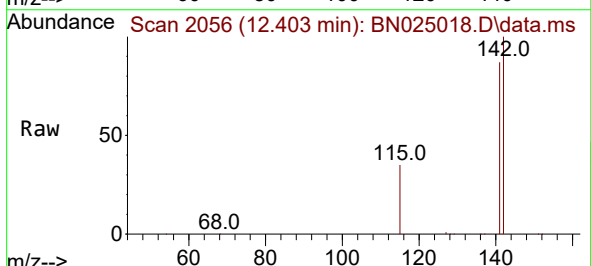
Acq: 20 Apr 2023 01:12

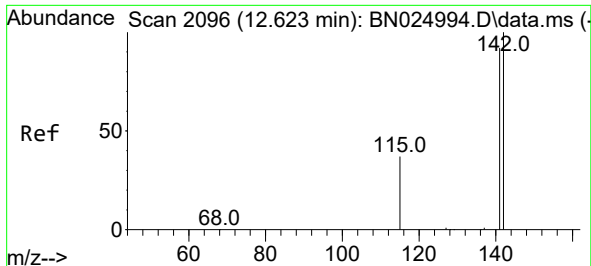
Tgt Ion:142 Resp: 2009111

Ion Ratio Lower Upper

142 100

141 88.1 70.7 106.1

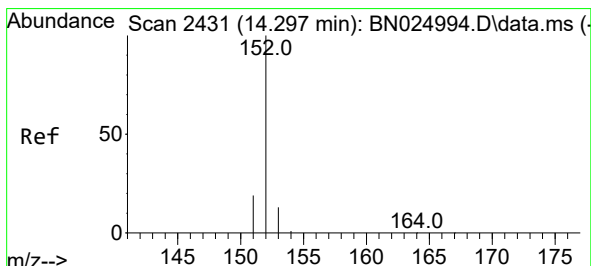
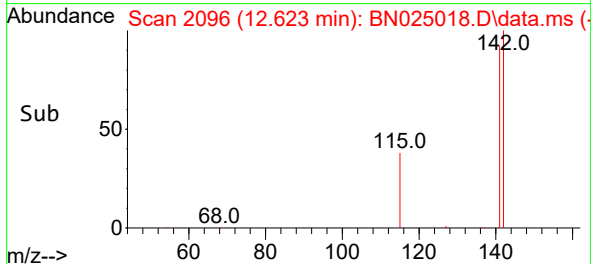
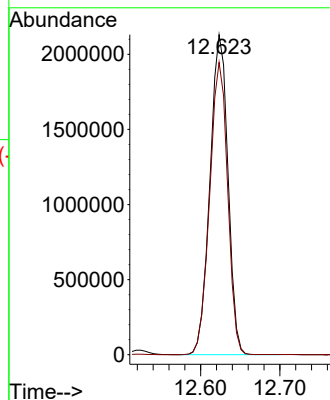
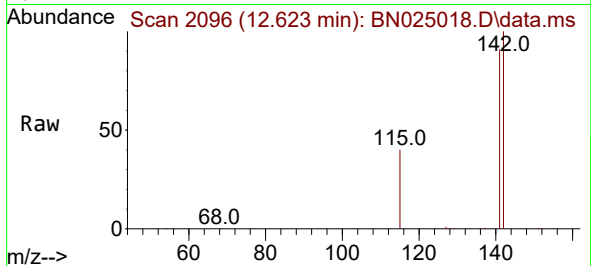




#8
1-Methylnaphthalene
Concen: 83.954 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

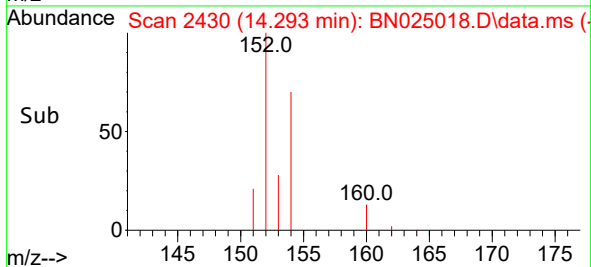
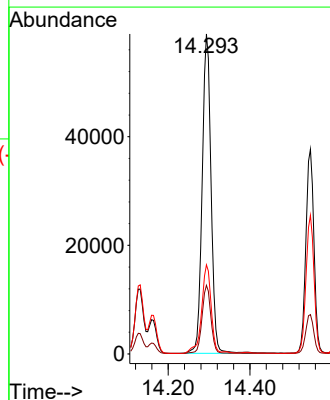
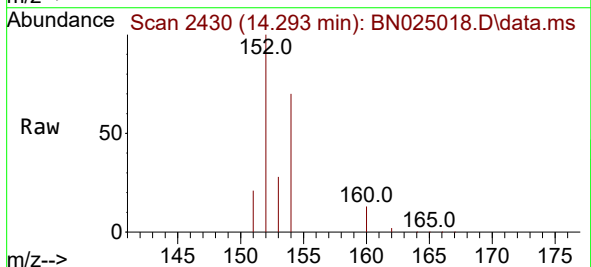
Instrument :
BNA_N
ClientSampleId :
DCBL2DL

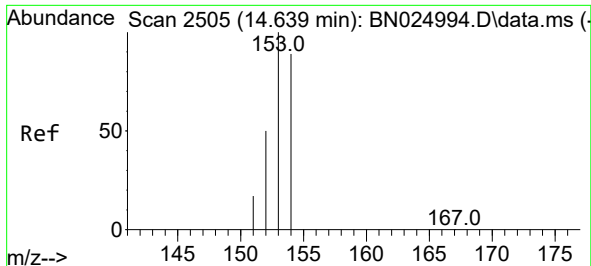
Tgt Ion:142 Resp: 3357010
Ion Ratio Lower Upper
142 100
141 91.2 74.0 111.0



#10
Acenaphthylene
Concen: 1.139 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

Tgt Ion:152 Resp: 88827
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 27.8 10.6 16.0#

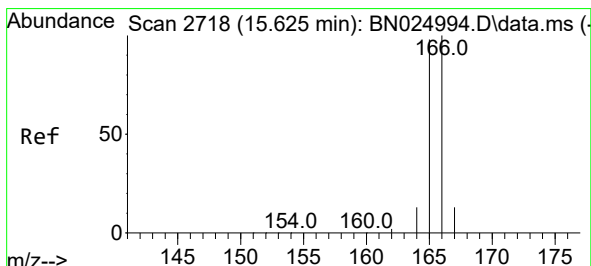
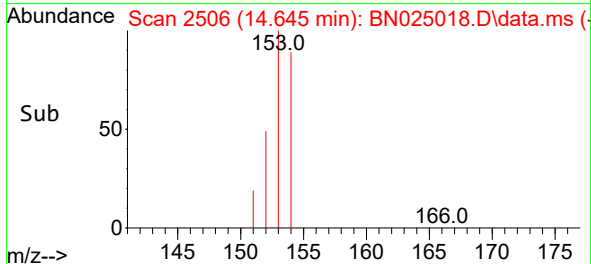
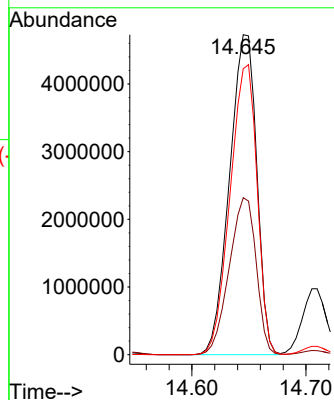
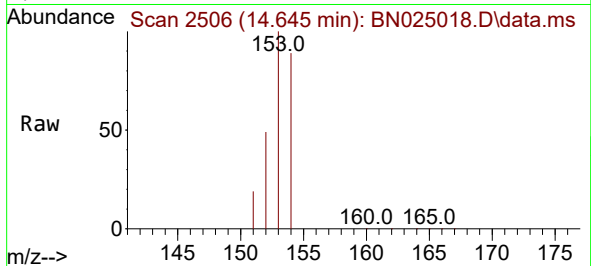




#11
Acenaphthene
Concen: 117.335 ng/ul
RT: 14.645 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

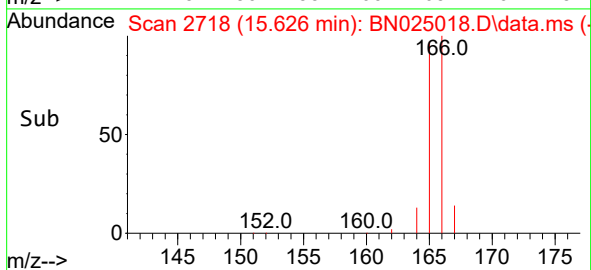
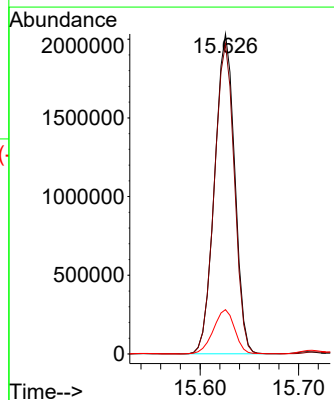
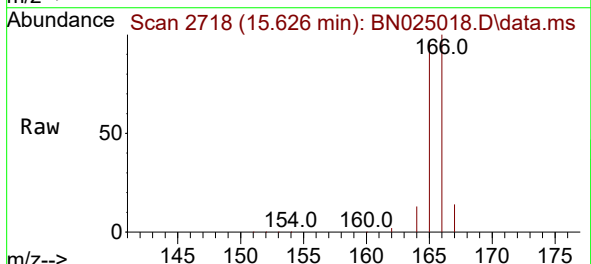
Instrument :
BNA_N
ClientSampleId :
DCBL2DL

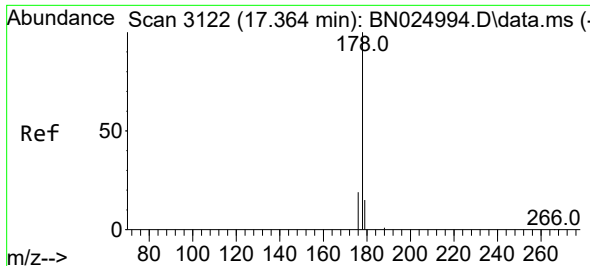
Tgt Ion:153 Resp: 7844460
Ion Ratio Lower Upper
153 100
152 49.1 40.7 61.1
154 89.4 69.4 104.2



#12
Fluorene
Concen: 38.536 ng/ul
RT: 15.626 min Scan# 2718
Delta R.T. 0.001 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

Tgt Ion:166 Resp: 2885471
Ion Ratio Lower Upper
166 100
165 96.9 80.1 120.1
167 13.9 10.7 16.1

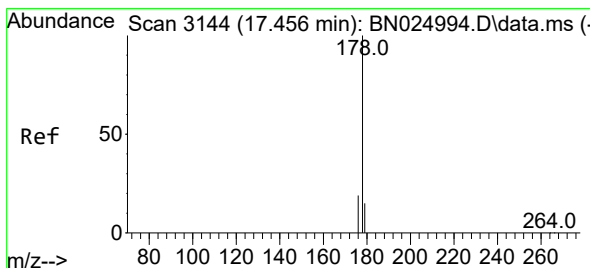
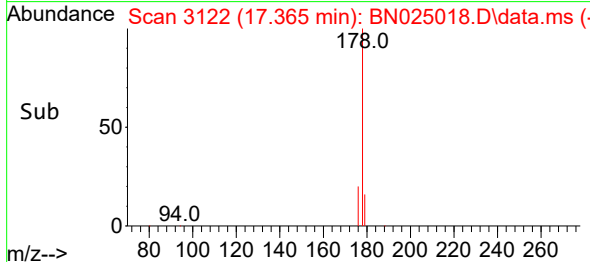
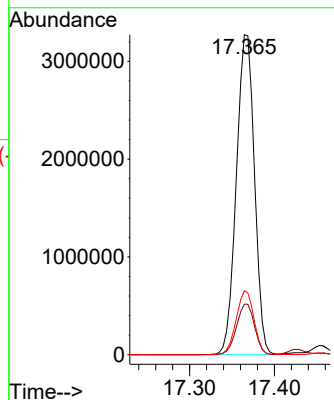
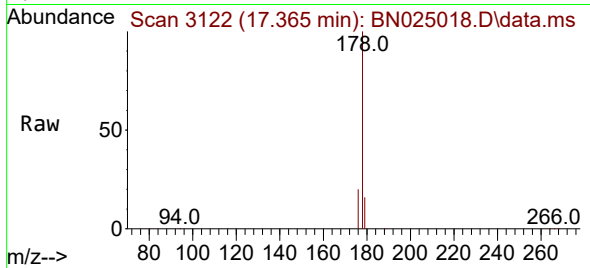




#15
Phenanthrene
Concen: 52.280 ng/ul
RT: 17.365 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

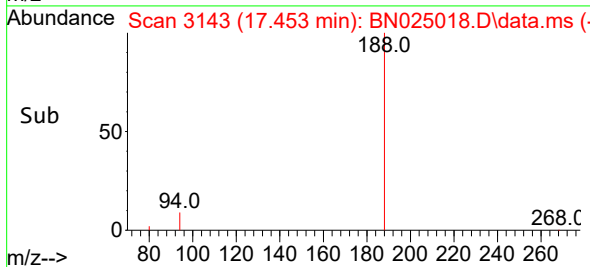
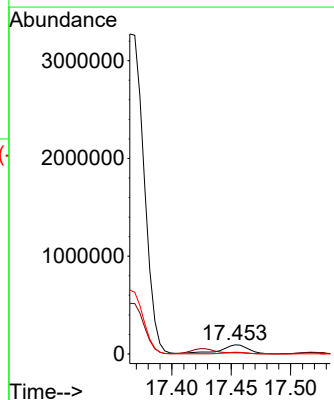
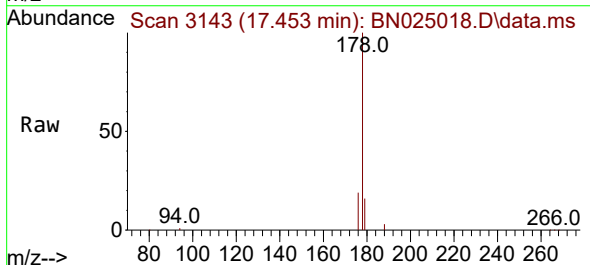
Instrument :
BNA_N
ClientSampleId :
DCBL2DL

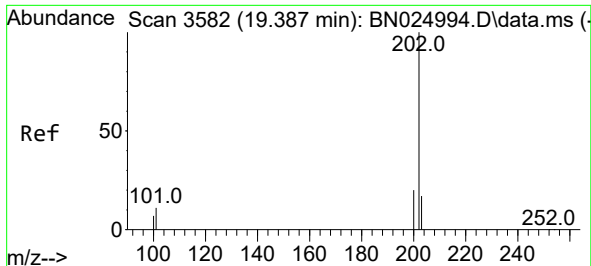
Tgt Ion:178 Resp: 4852618
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.9 15.4 23.0



#16
Anthracene
Concen: 1.888 ng/ul
RT: 17.453 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

Tgt Ion:178 Resp: 145640
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 18.8 14.7 22.1

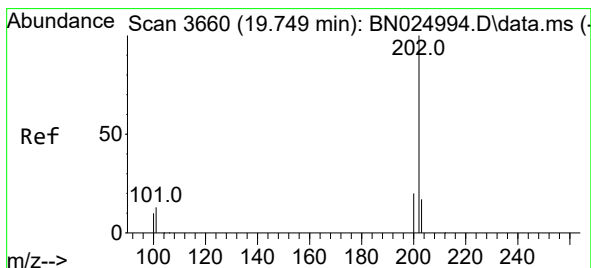
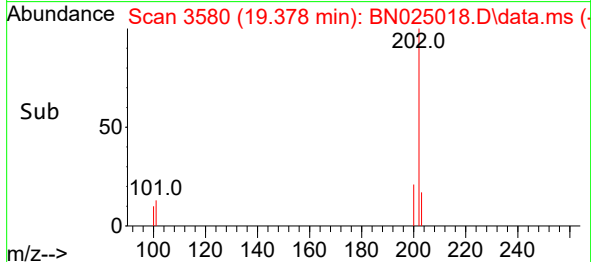
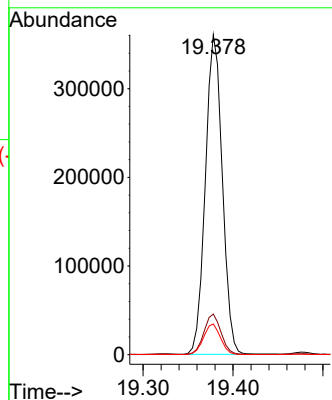
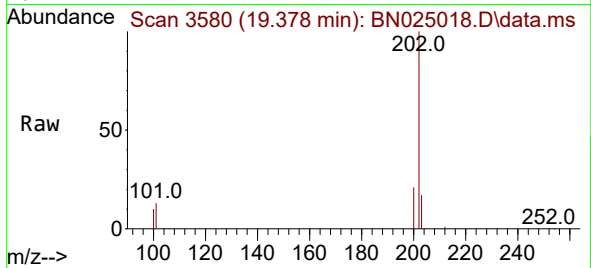




#19
Fluoranthene
Concen: 4.949 ng/ul
RT: 19.378 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

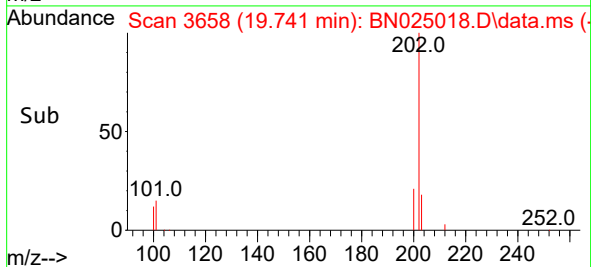
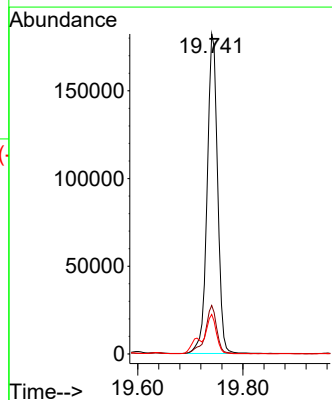
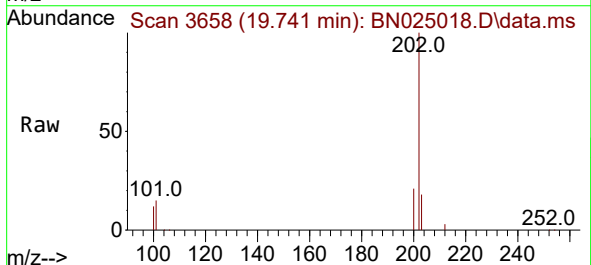
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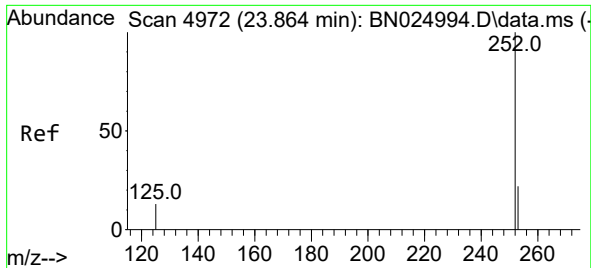
Tgt Ion:202 Resp: 473467
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.6 7.5 11.3



#20
Pyrene
Concen: 2.570 ng/ul
RT: 19.741 min Scan# 3658
Delta R.T. -0.004 min
Lab File: BN025018.D
Acq: 20 Apr 2023 01:12

Tgt Ion:202 Resp: 251912
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 12.4 9.5 14.3





#26

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.795 min Scan# 49

Delta R.T. -0.058 min

Lab File: BN025018.D

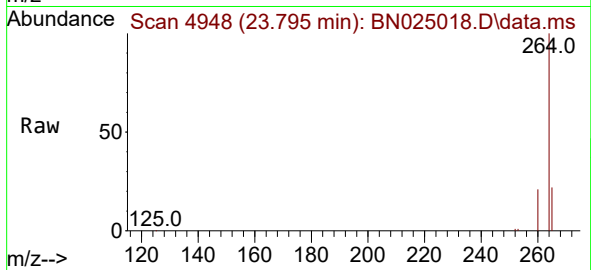
Acq: 20 Apr 2023 01:12

Instrument :

BNA_N

ClientSampleId :

DCBL2DL



Tgt Ion:252 Resp: 1641

Ion Ratio Lower Upper

252 100

253 85.7 20.7 31.1#

125 67.4 15.9 23.9#

