

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025015.D
 Acq On : 19 Apr 2023 23:25
 Operator : CG/JU
 Sample : 02296-06DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBK6DL

Quant Time: Apr 20 05:11:00 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)

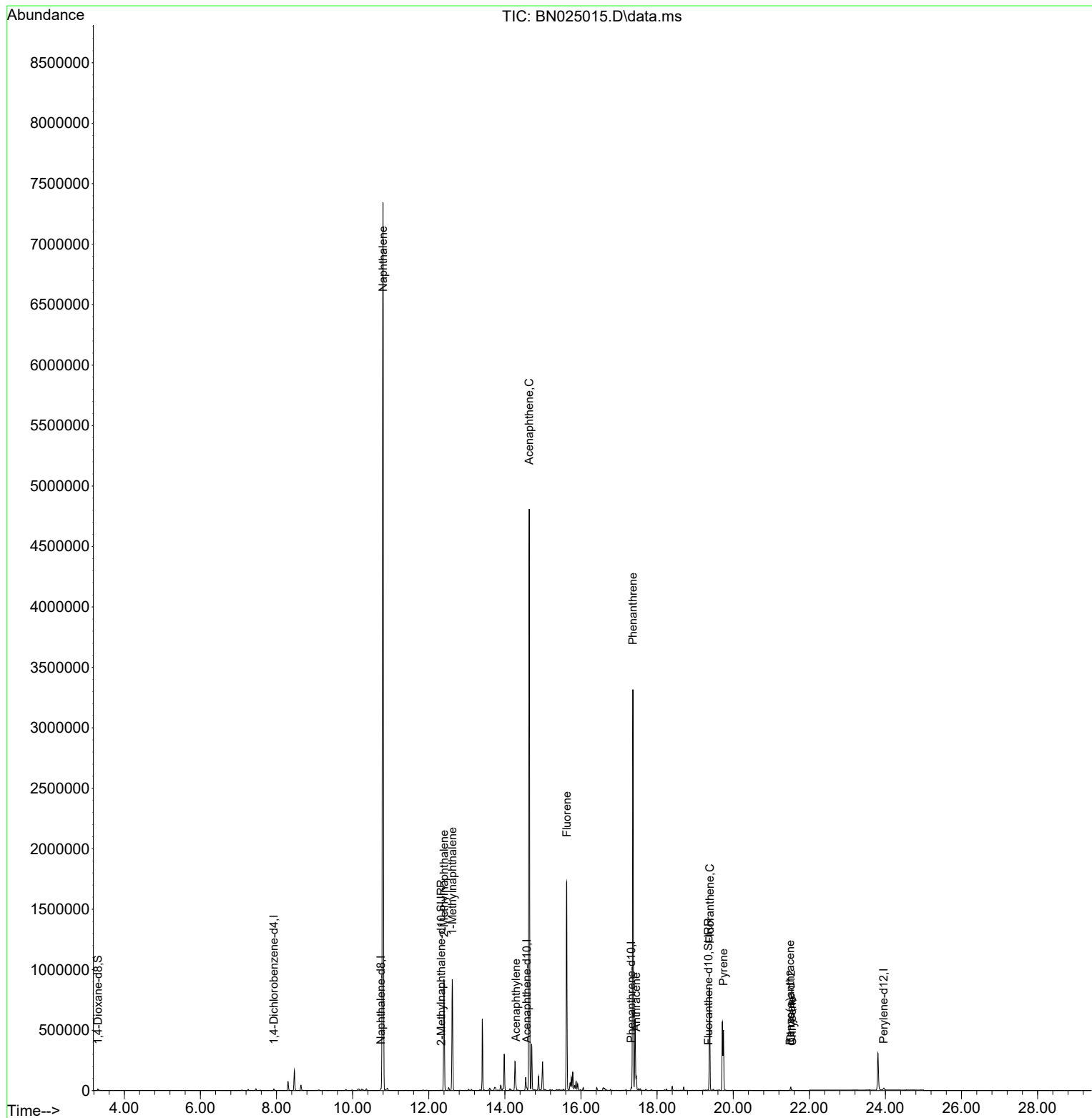
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	20827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	15882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	28980	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	25503	0.400	ng/ul	0.00
23) Perylene-d12	23.955	264	22537	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	7026	1.001	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	2051	0.077	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	5072	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	10572184	199.167	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	629857	19.083	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	609143	17.408	ng/ul	99
10) Acenaphthylene	14.293	152	24269	0.407	ng/ul#	75
11) Acenaphthene	14.640	153	2782131	54.490	ng/ul	96
12) Fluorene	15.625	166	1088231	19.030	ng/ul	97
15) Phenanthrene	17.364	178	3500796	42.867	ng/ul	99
16) Anthracene	17.452	178	118591	1.747	ng/ul#	96
19) Fluoranthene	19.382	202	719099	8.188	ng/ul	98
20) Pyrene	19.744	202	410199	4.559	ng/ul	98
21) Benzo(a)anthracene	21.497	228	5405	0.067	ng/ul#	94
22) Chrysene	21.549	228	3508	0.040	ng/ul#	86

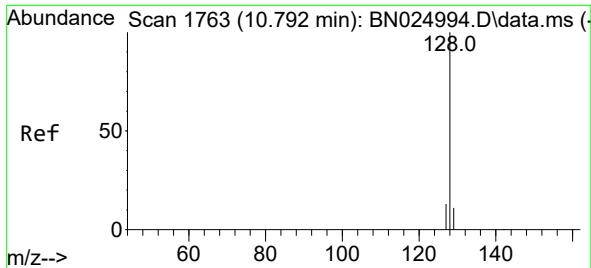
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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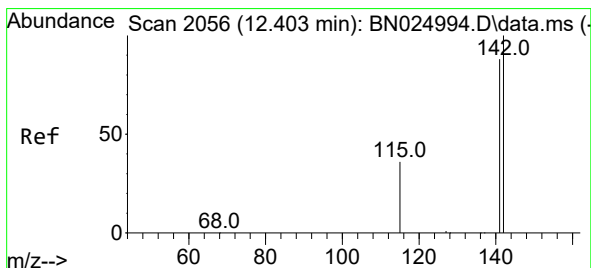
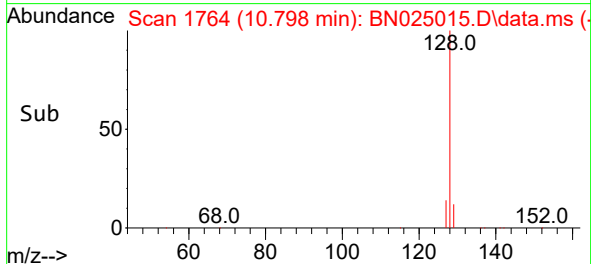
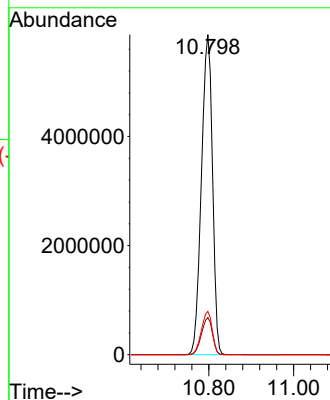
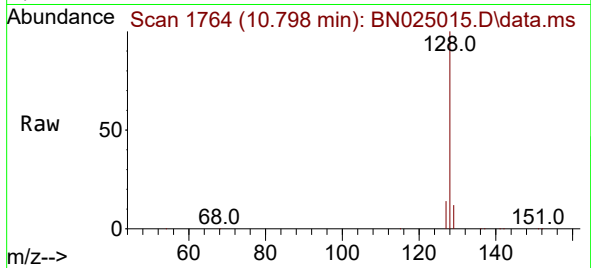




#5
Naphthalene
Concen: 199.167 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

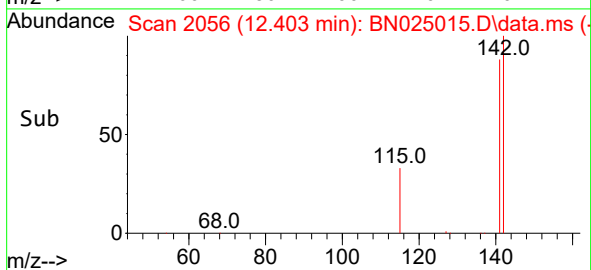
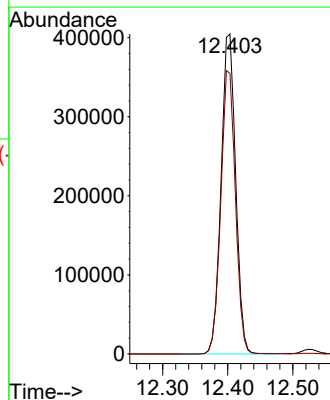
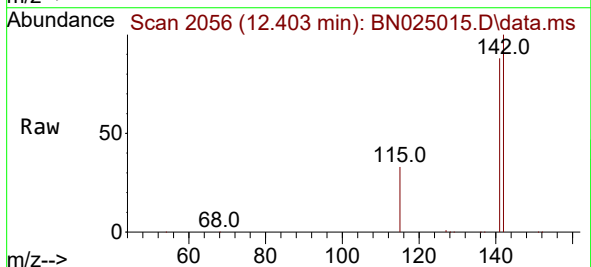
Instrument :
BNA_N
ClientSampleId :
DCBK6DL

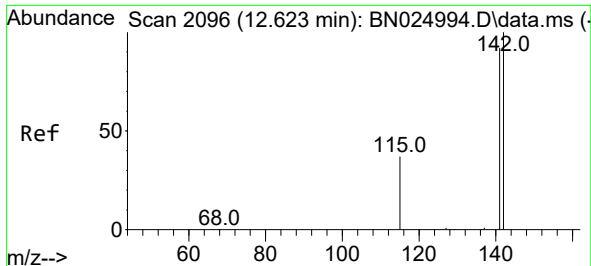
Tgt Ion:128 Resp:10572184
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 10.5 15.7



#7
2-Methylnaphthalene
Concen: 19.083 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

Tgt Ion:142 Resp: 629857
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1

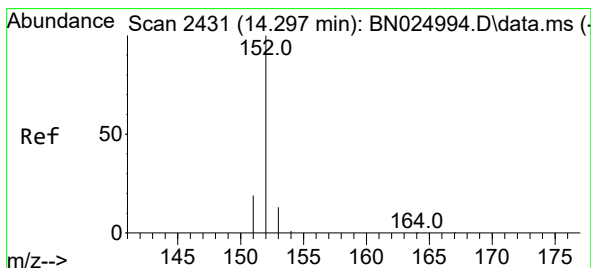
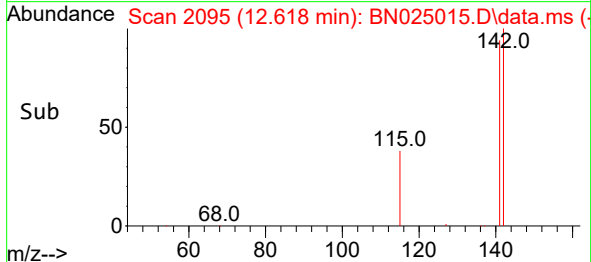
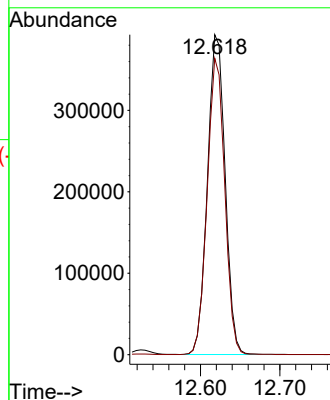
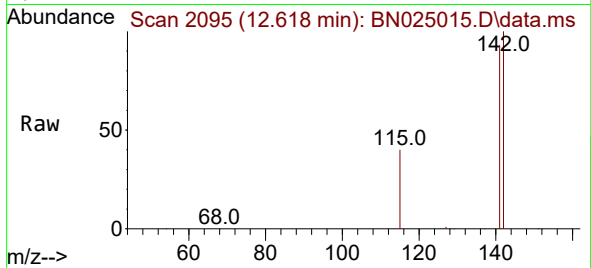




#8
1-Methylnaphthalene
Concen: 17.408 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

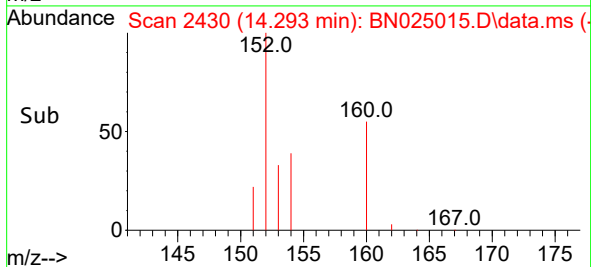
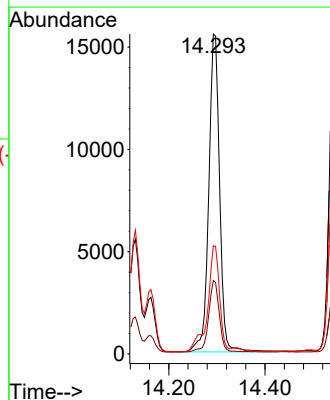
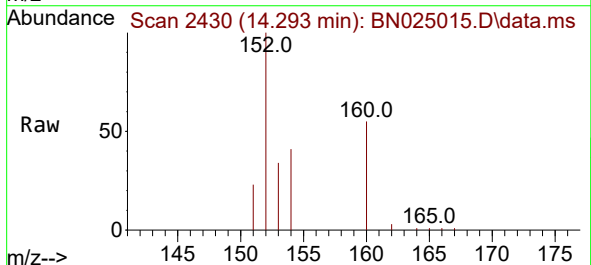
Instrument :
BNA_N
ClientSampleId :
DCBK6DL

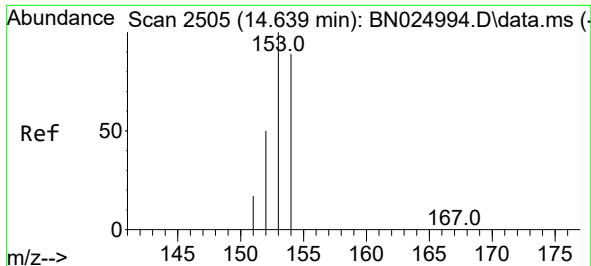
Tgt Ion:142 Resp: 609143
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0



#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

Tgt Ion:152 Resp: 24269
Ion Ratio Lower Upper
152 100
151 23.0 15.7 23.5
153 33.8 10.6 16.0#

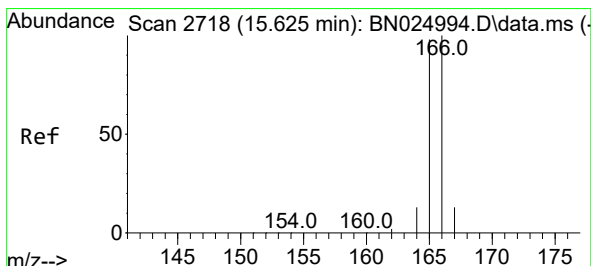
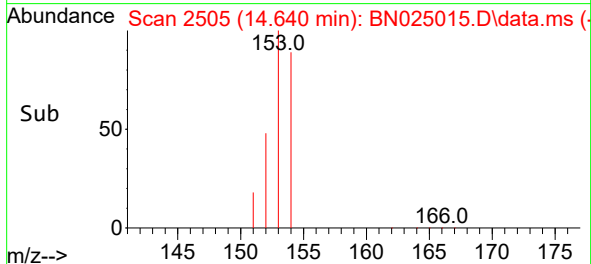
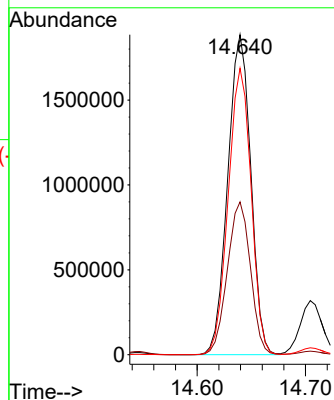
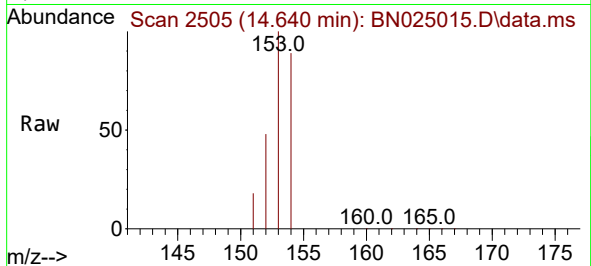




#11
Acenaphthene
Concen: 54.490 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

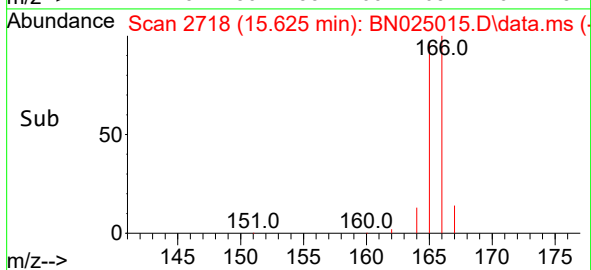
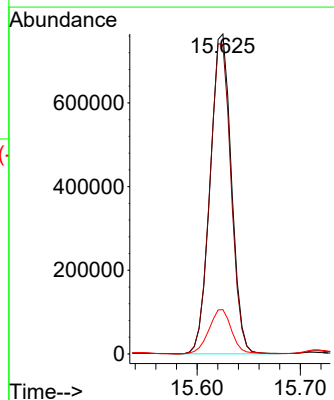
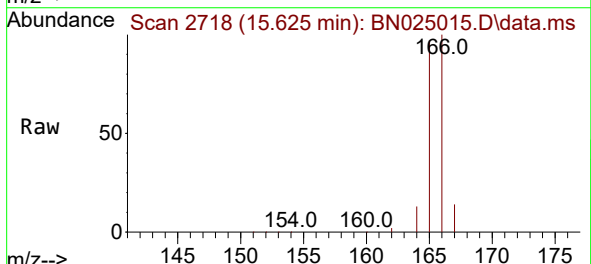
Instrument :
BNA_N
ClientSampleId :
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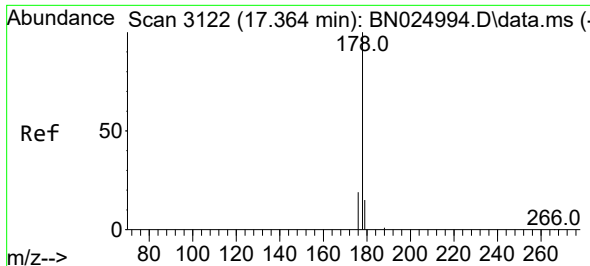
Tgt Ion:153 Resp: 2782131
Ion Ratio Lower Upper
153 100
152 47.7 40.7 61.1
154 89.5 69.4 104.2



#12
Fluorene
Concen: 19.030 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

Tgt Ion:166 Resp: 1088231
Ion Ratio Lower Upper
166 100
165 96.7 80.1 120.1
167 13.9 10.7 16.1

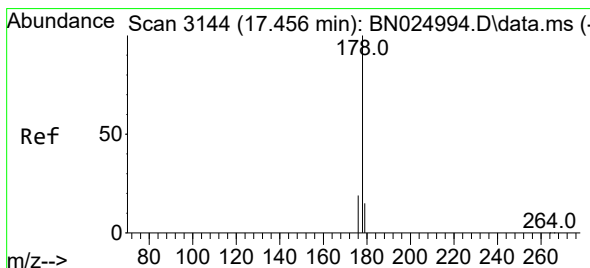
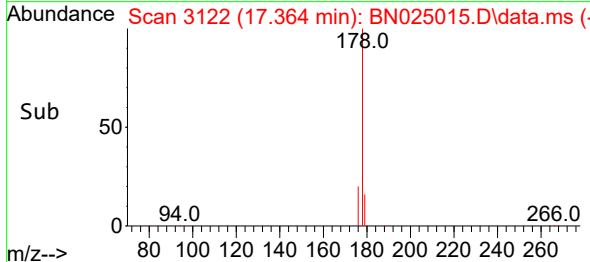
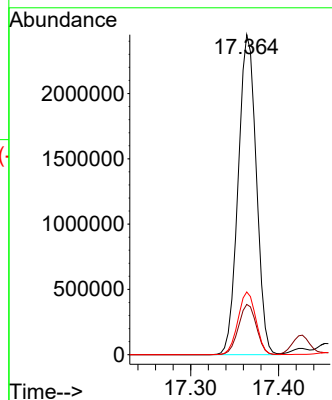
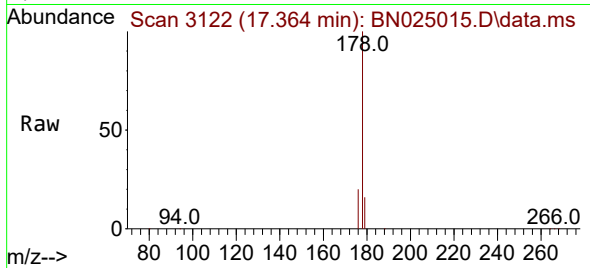




#15
Phenanthrene
Concen: 42.867 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

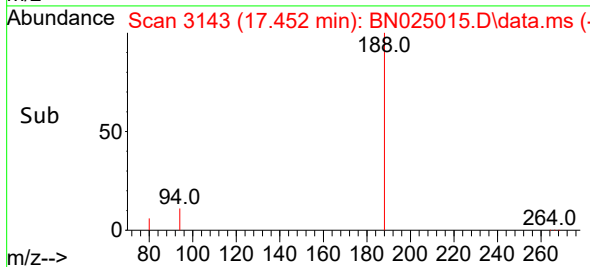
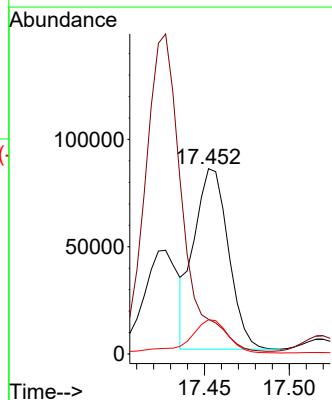
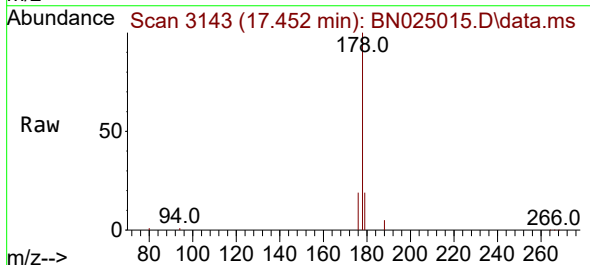
Instrument :
BNA_N
ClientSampleId :
DCBK6DL

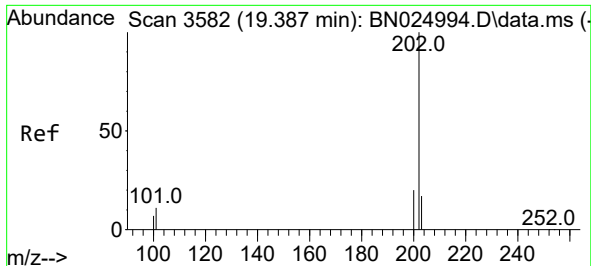
Tgt Ion:178 Resp: 3500796
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.6 15.4 23.0



#16
Anthracene
Concen: 1.747 ng/ul
RT: 17.452 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

Tgt Ion:178 Resp: 118591
Ion Ratio Lower Upper
178 100
179 18.7 12.4 18.6#
176 18.5 14.7 22.1

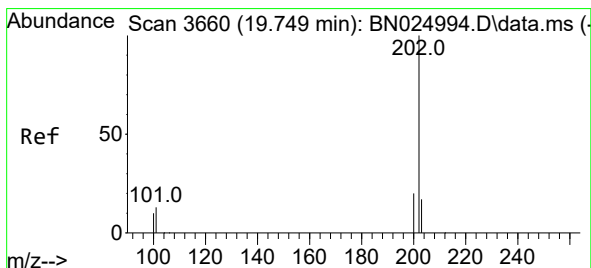
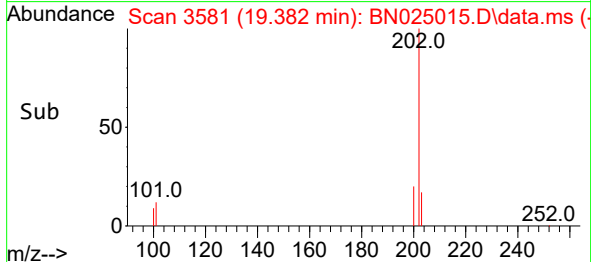
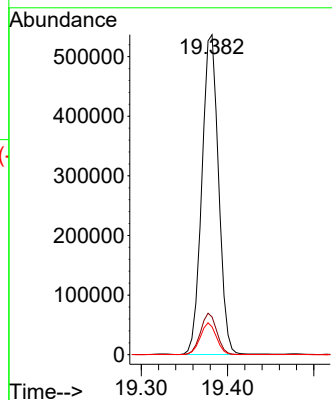
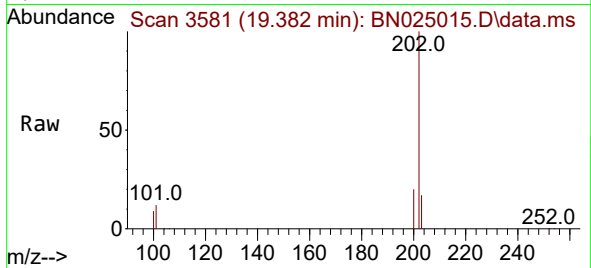




#19
Fluoranthene
Concen: 8.188 ng/ul
RT: 19.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

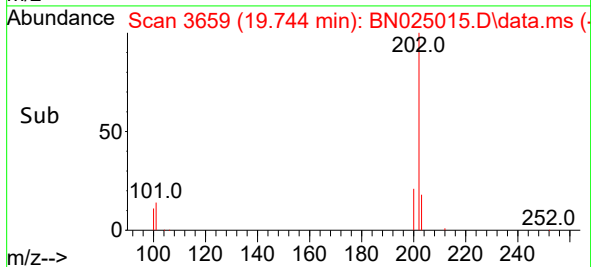
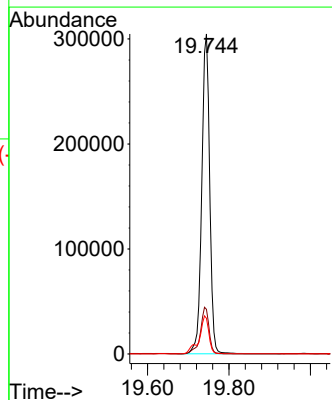
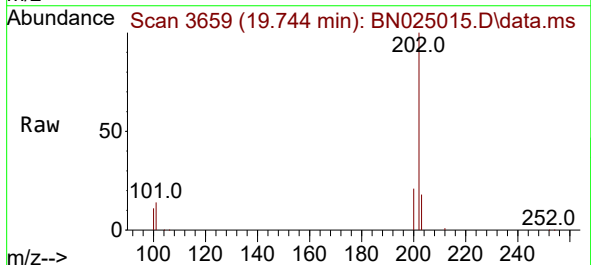
Instrument :
BNA_N
ClientSampleId :
DCBK6DL

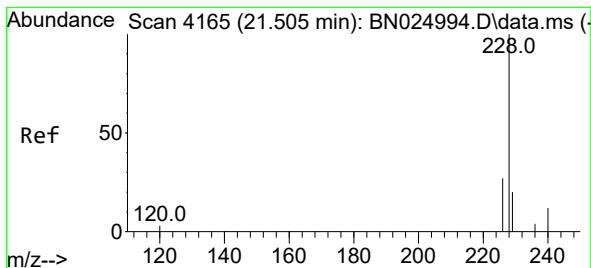
Tgt Ion:202 Resp: 719099
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 8.7 7.5 11.3



#20
Pyrene
Concen: 4.559 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN025015.D
Acq: 19 Apr 2023 23:25

Tgt Ion:202 Resp: 410199
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.8
100 11.2 9.5 14.3





#21

Benzo(a)anthracene

Concen: 0.067 ng/ul

RT: 21.497 min Scan# 4165

Delta R.T. -0.003 min

Lab File: BN025015.D

Acq: 19 Apr 2023 23:25

Instrument :

BNA_N

ClientSampleId :

DCBK6DL

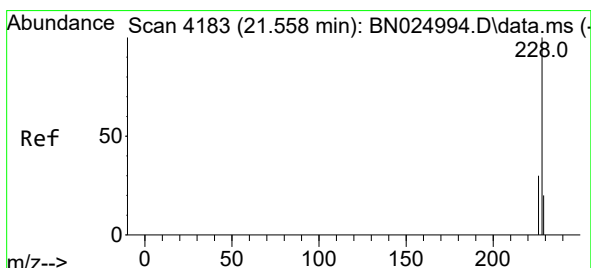
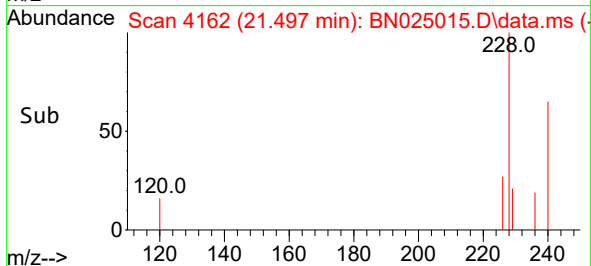
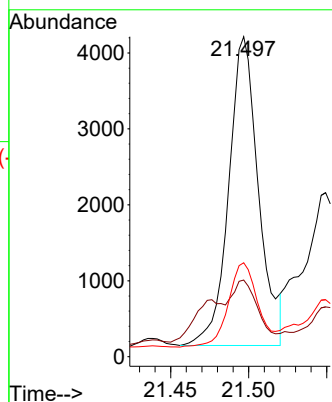
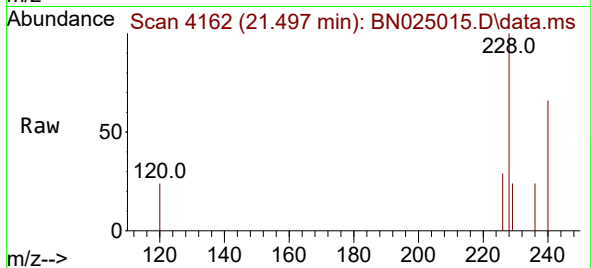
Tgt Ion:228 Resp: 5405

Ion Ratio Lower Upper

228 100

229 24.0 15.8 23.8#

226 29.4 22.2 33.2



#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.549 min Scan# 4180

Delta R.T. -0.003 min

Lab File: BN025015.D

Acq: 19 Apr 2023 23:25

Tgt Ion:228 Resp: 3508

Ion Ratio Lower Upper

228 100

226 34.7 24.3 36.5

229 30.4 15.7 23.5#

