

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025037.D
 Acq On : 20 Apr 2023 16:14
 Operator : CG/JU
 Sample : 02296-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBK0

Quant Time: Apr 21 04:20:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

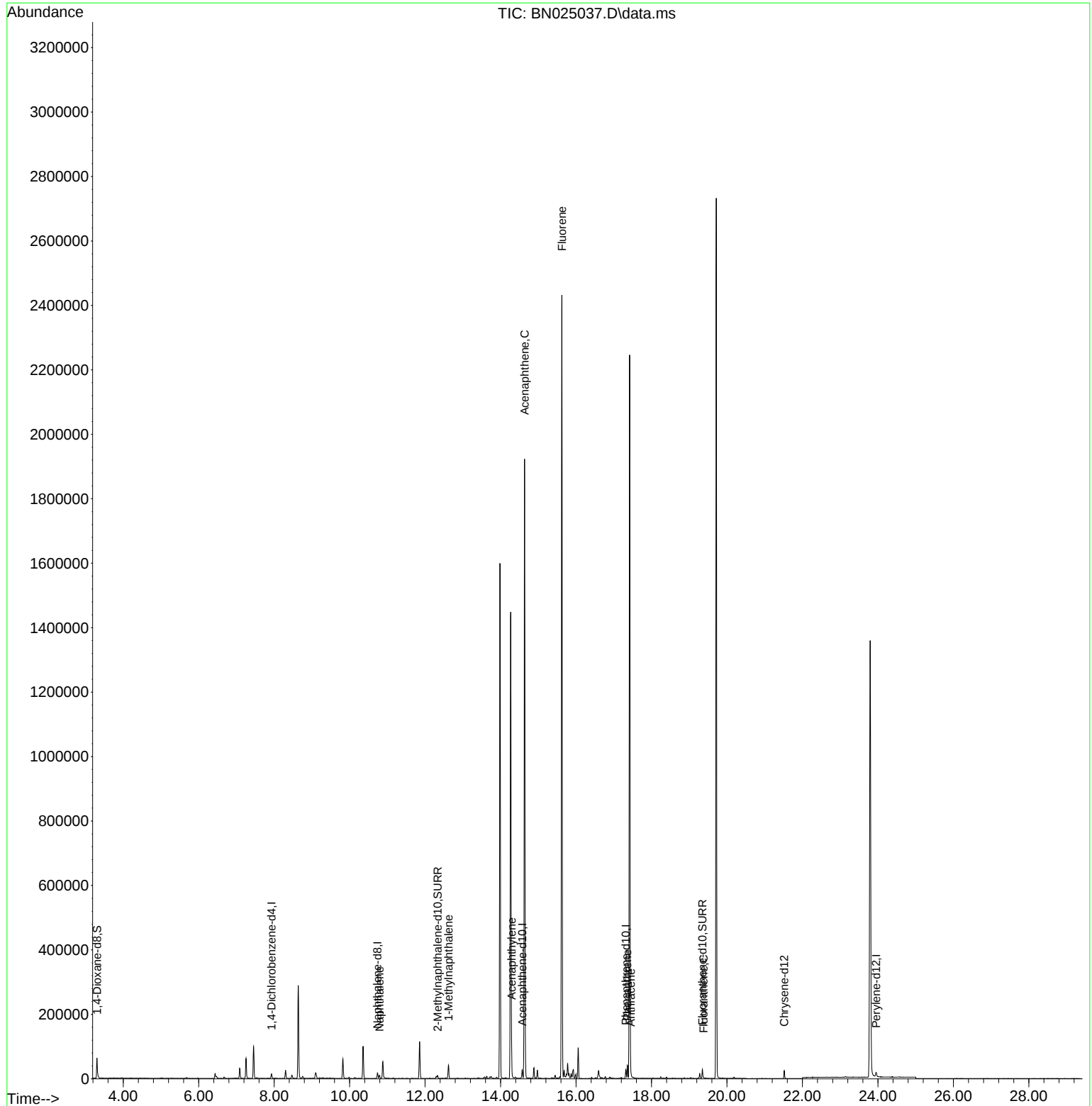
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	22366	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	13623	0.400	ng/ul #	0.00
13) Phenanthrene-d10	17.322	188	30911	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	22710	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	20728	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	38660	5.320	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11648	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	29130	0.486	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	11523	0.201	ng/ul#	93
8) 1-Methylnaphthalene	12.618	142	27433	0.733	ng/ul	100
10) Acenaphthylene	14.293	152	14520	0.286	ng/ul#	67
11) Acenaphthene	14.635	153	1050015	24.545	ng/ul	98
12) Fluorene	15.625	166	1511145	31.599	ng/ul	99
15) Phenanthrene	17.359	178	42572	0.488	ng/ul	100
16) Anthracene	17.452	178	7359	0.103	ng/ul#	91
19) Fluoranthene	19.382	202	2702	0.033	ng/ul#	85

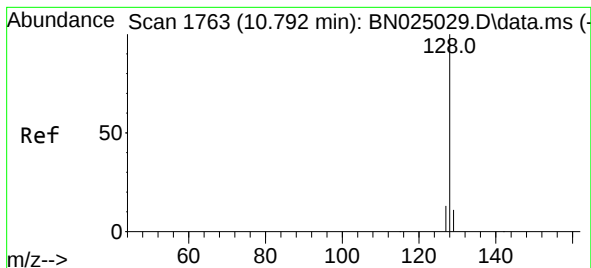
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.201 ng/ul

RT: 10.792 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BN025037.D

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ClientSampleId :

DCBK0

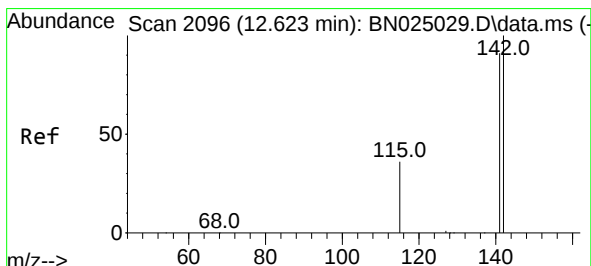
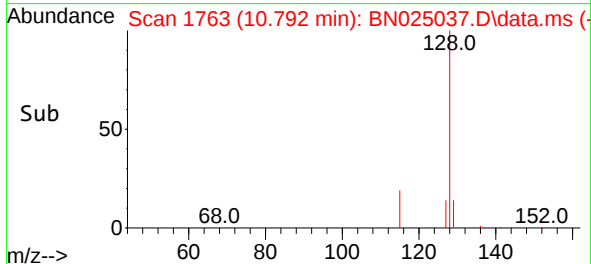
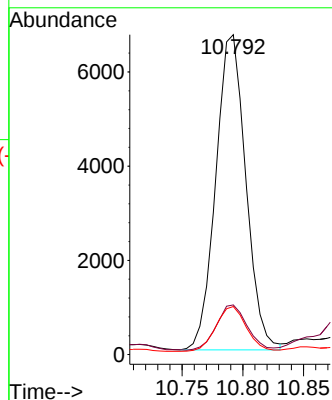
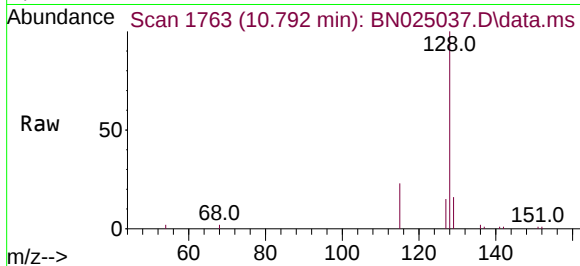
Tgt Ion:128 Resp: 11523

Ion Ratio Lower Upper

128 100

129 15.5 9.0 13.6#

127 15.0 10.7 16.1



#8

1-Methylnaphthalene

Concen: 0.733 ng/ul

RT: 12.618 min Scan# 2095

Delta R.T. -0.005 min

Lab File: BN025037.D

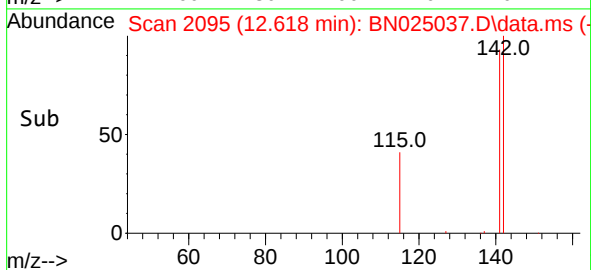
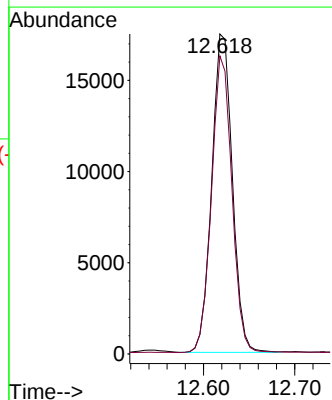
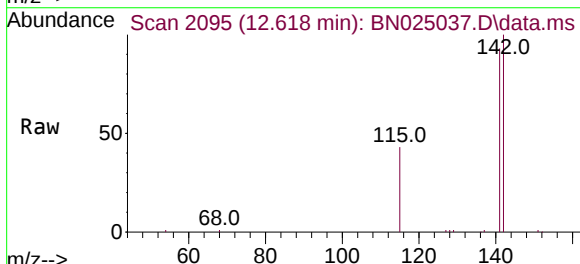
Acq: 20 Apr 2023 16:14

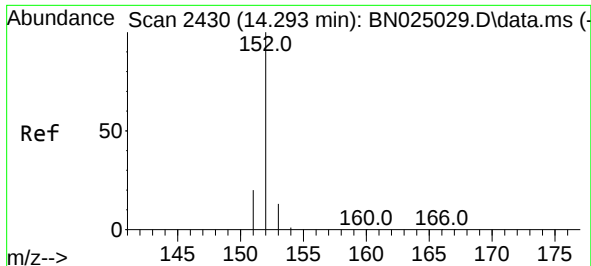
Tgt Ion:142 Resp: 27433

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

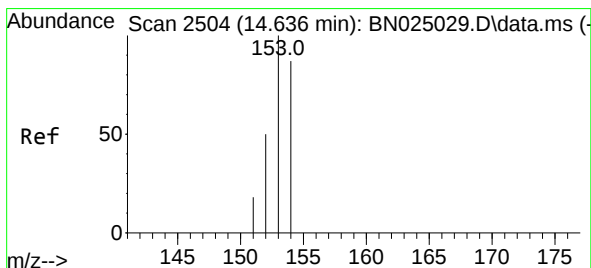
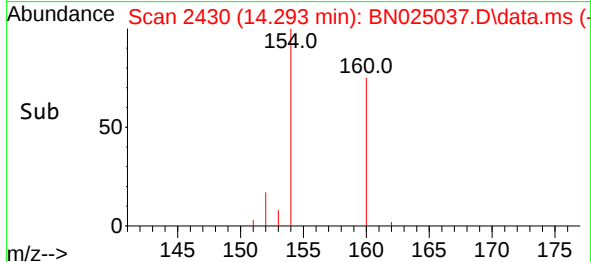
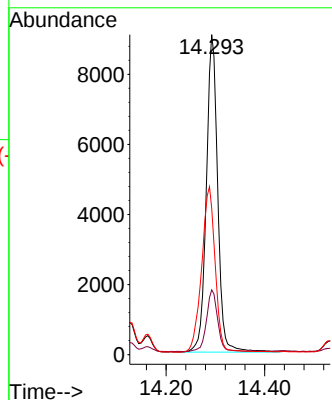
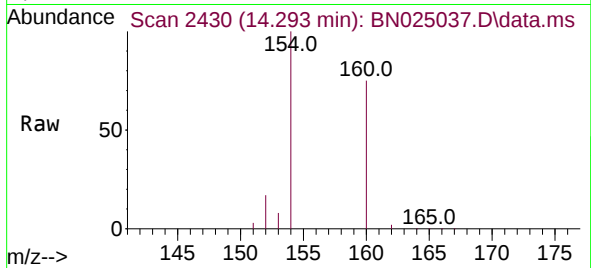




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

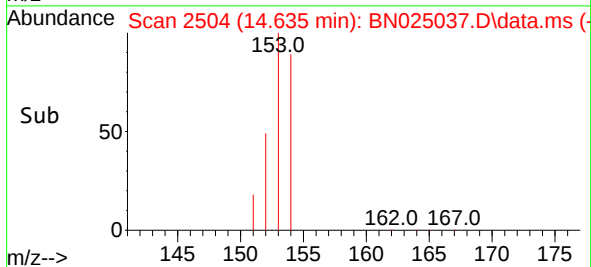
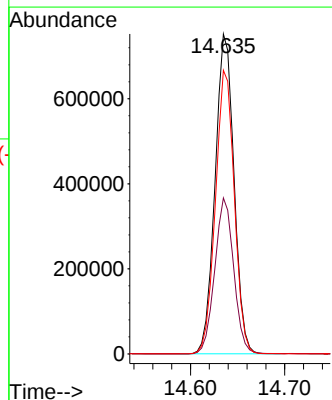
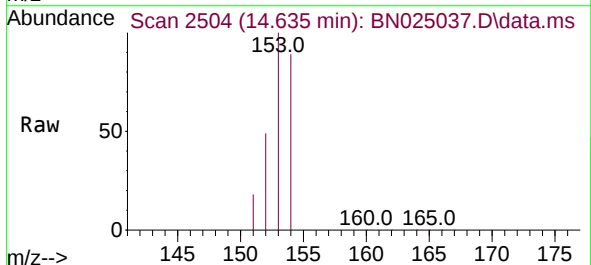
Instrument :
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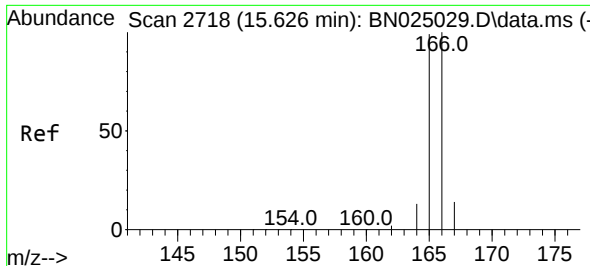
Tgt Ion:152 Resp: 14520
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 45.7 10.8 16.2#



#11
Acenaphthene
Concen: 24.545 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

Tgt Ion:153 Resp: 1050015
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 88.6 69.4 104.2

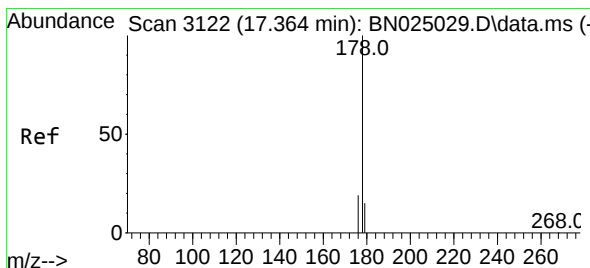
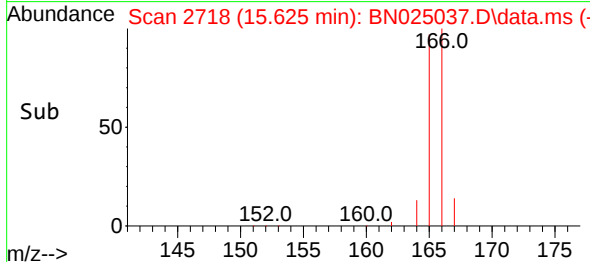
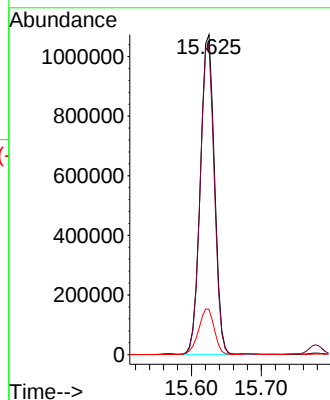
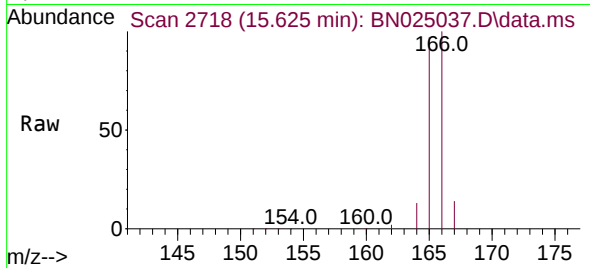




#12
Fluorene
Concen: 31.599 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

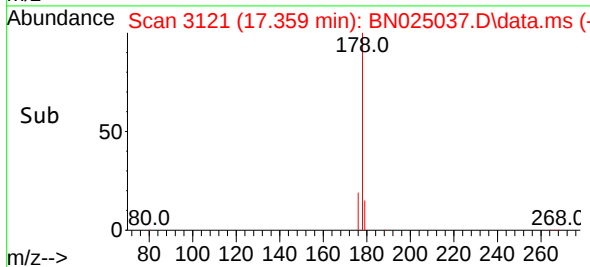
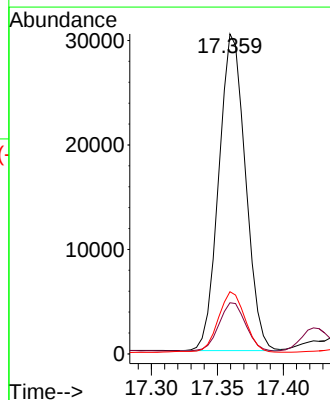
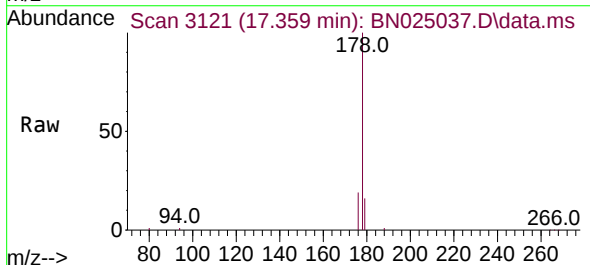
Instrument :
BNA_N
ClientSampleId :
DCBK0

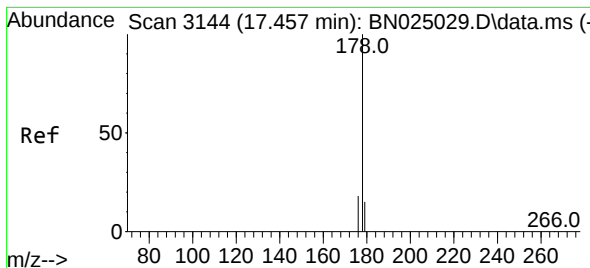
Tgt Ion:166 Resp: 1511145
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 14.2 11.0 16.6



#15
Phenanthrene
Concen: 0.488 ng/ul
RT: 17.359 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BN025037.D
Acq: 20 Apr 2023 16:14

Tgt Ion:178 Resp: 42572
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.4 15.6 23.4





#16

Anthracene

Concen: 0.103 ng/ul

RT: 17.452 min Scan# 3144

Delta R.T. -0.005 min

Lab File: BN025037.D

Acq: 20 Apr 2023 16:14

Instrument :

BNA_N

ClientSampleId :

DCBK0

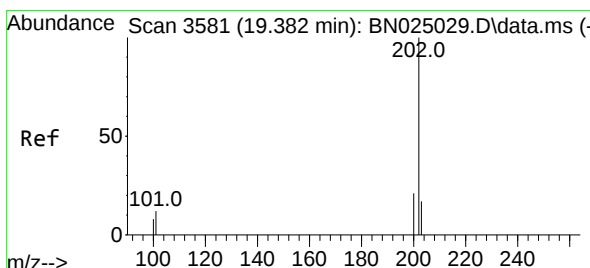
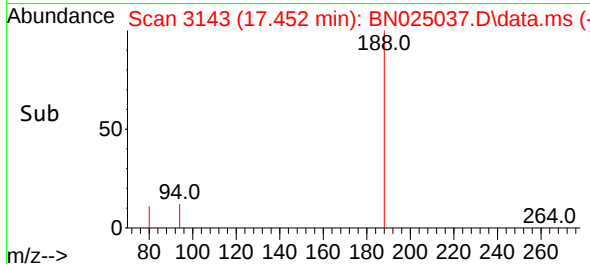
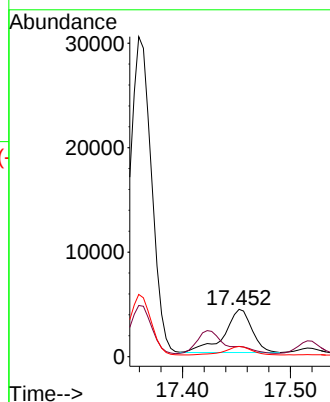
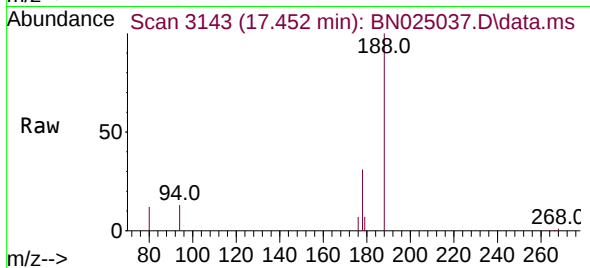
Tgt Ion:178 Resp: 7359

Ion Ratio Lower Upper

178 100

179 21.4 12.7 19.1#

176 21.5 15.3 22.9



#19

Fluoranthene

Concen: 0.033 ng/ul

RT: 19.382 min Scan# 3581

Delta R.T. -0.001 min

Lab File: BN025037.D

Acq: 20 Apr 2023 16:14

Tgt Ion:202 Resp: 2702

Ion Ratio Lower Upper

202 100

101 18.0 9.7 14.5#

100 14.1 7.3 10.9#

