

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025036.D
 Acq On : 20 Apr 2023 15:38
 Operator : CG/JU
 Sample : 02296-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 21 04:20:05 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)

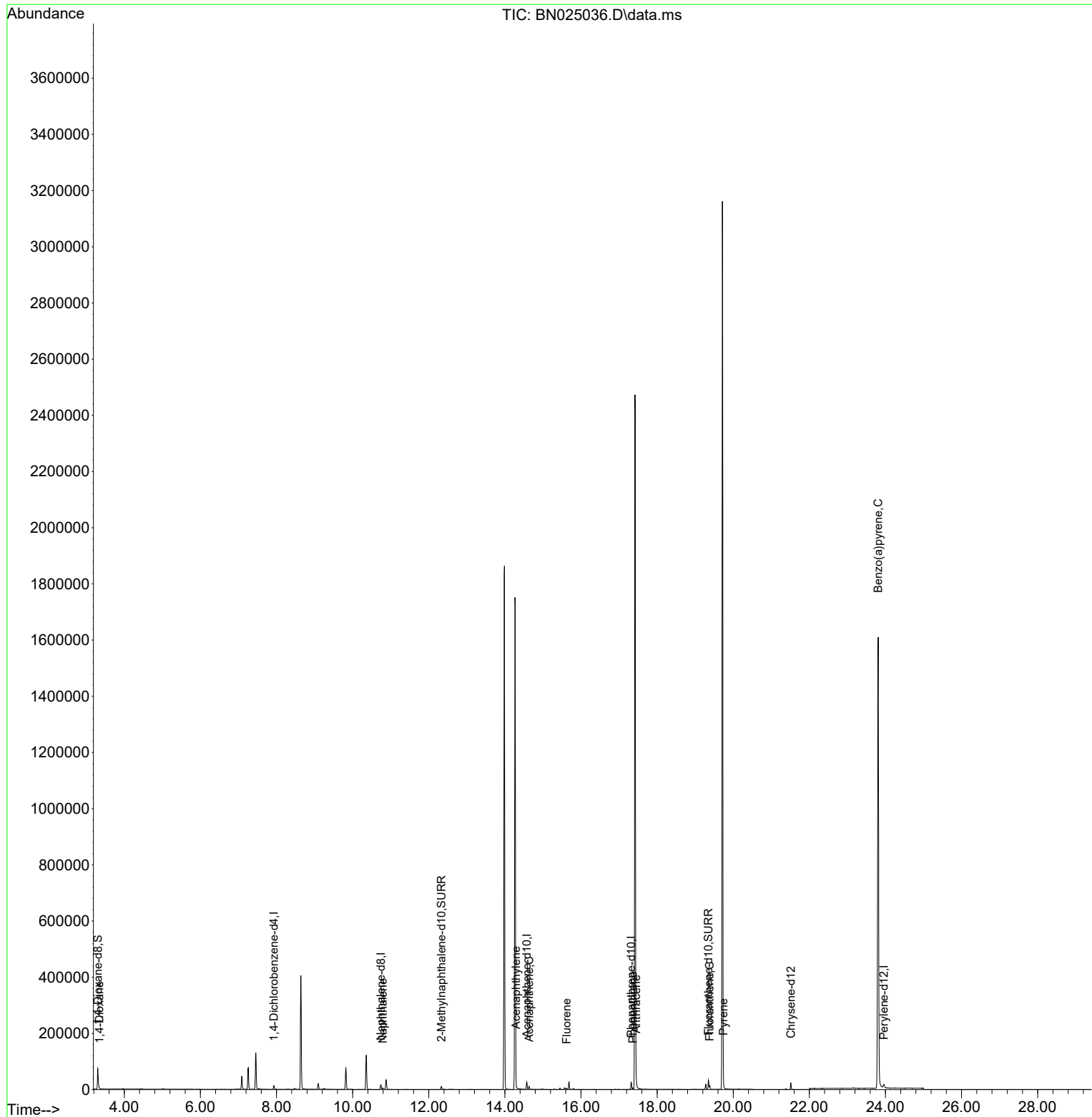
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6796	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	21838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	13263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	29441	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	20962	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	19126	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	44875	6.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	13694	0.488	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	33164	0.600	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	155	0.020	ng/ul#	24
5) Naphthalene	10.792	128	7450	0.133	ng/ul	96
10) Acenaphthylene	14.293	152	4660	0.094	ng/ul#	88
11) Acenaphthene	14.635	153	5855	0.141	ng/ul	99
12) Fluorene	15.620	166	2631	0.057	ng/ul#	97
15) Phenanthrene	17.364	178	6039	0.073	ng/ul	95
16) Anthracene	17.452	178	18214	0.268	ng/ul	98
19) Fluoranthene	19.381	202	11595	0.153	ng/ul	98
20) Pyrene	19.744	202	6862	0.088	ng/ul#	91
26) Benzo(a)pyrene	23.808	252	8595	0.134	ng/ul#	65

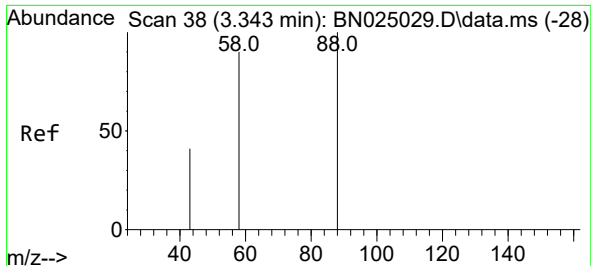
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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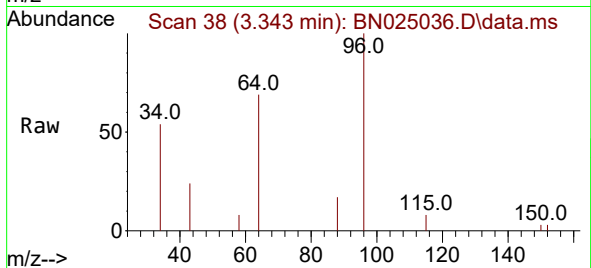
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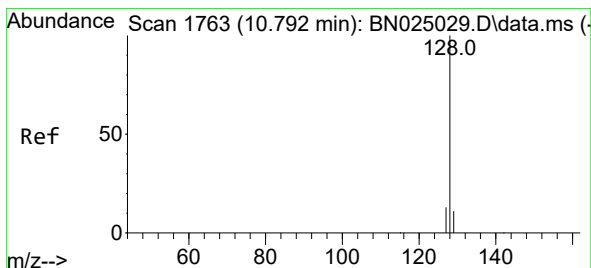
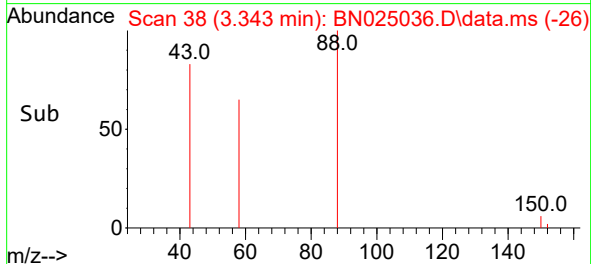
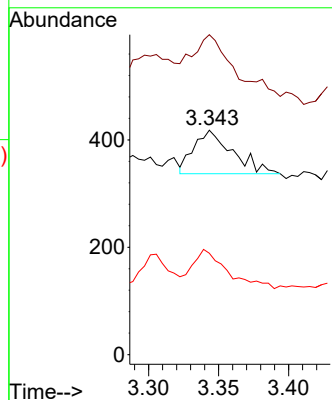


#2
 1,4-Dioxane
 Concen: 0.020 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025036.D
 Acq: 20 Apr 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :

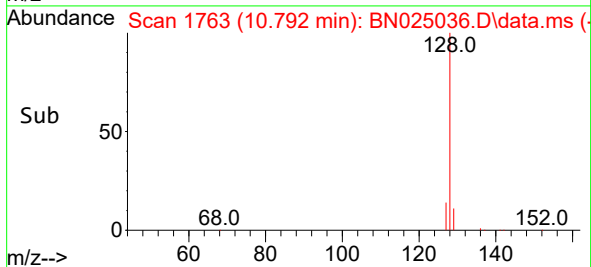
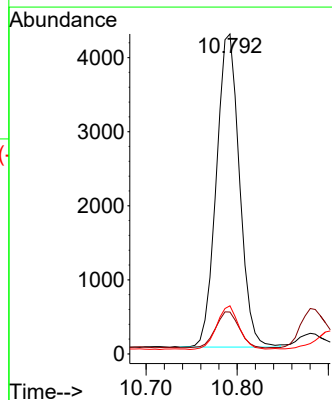
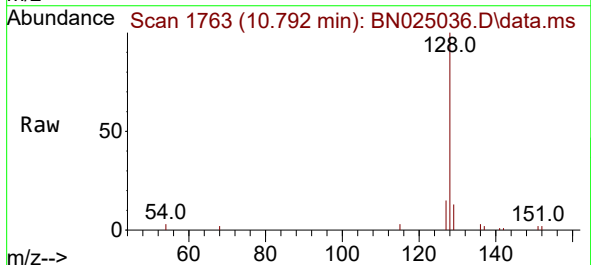


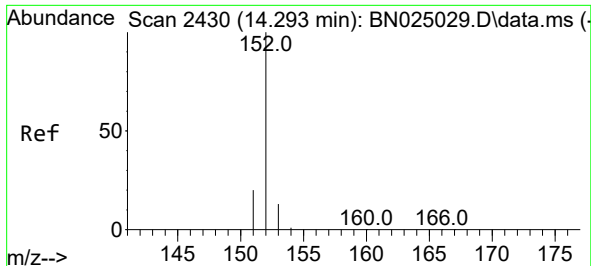
Tgt Ion: 88 Resp: 155
 Ion Ratio Lower Upper
 88 100
 43 142.6 37.0 55.4#
 58 45.2 56.9 85.3#



#5
 Naphthalene
 Concen: 0.133 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025036.D
 Acq: 20 Apr 2023 15:38

Tgt Ion: 128 Resp: 7450
 Ion Ratio Lower Upper
 128 100
 129 13.1 9.0 13.6
 127 15.0 10.7 16.1

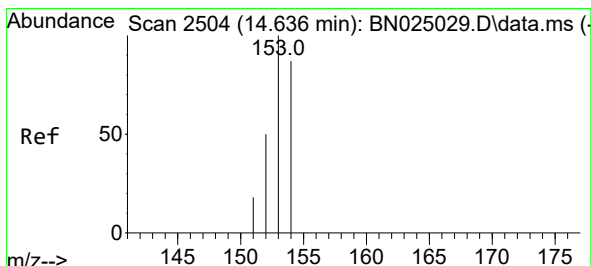
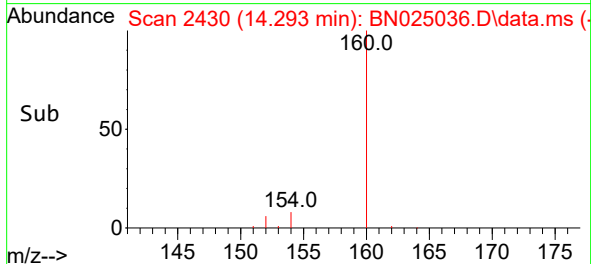
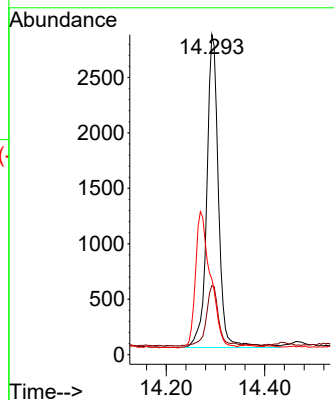
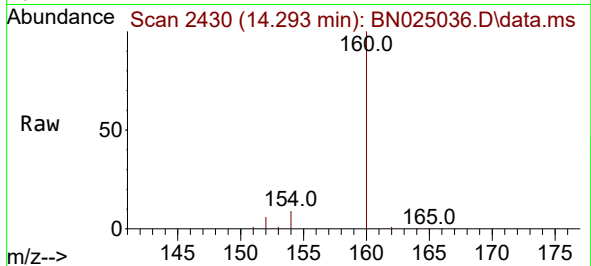




#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025036.D
Acq: 20 Apr 2023 15:38

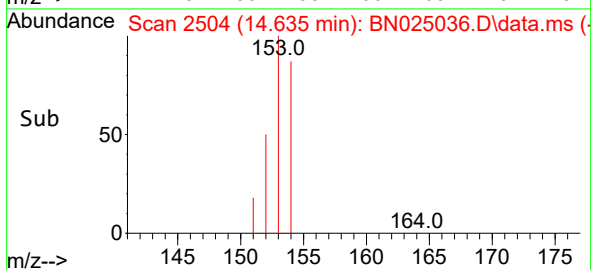
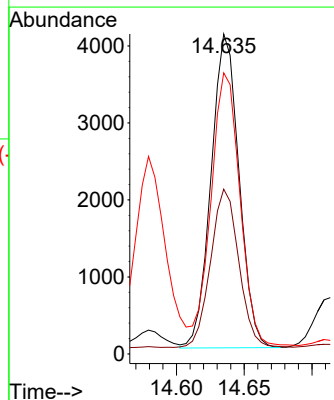
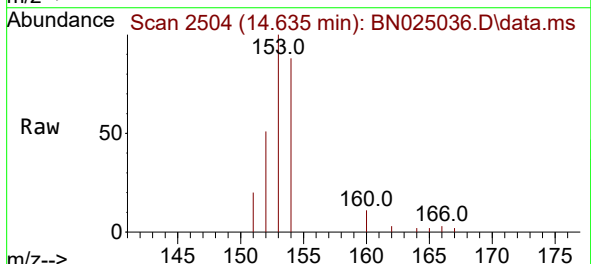
Instrument :
BNA_N
ClientSampleId :

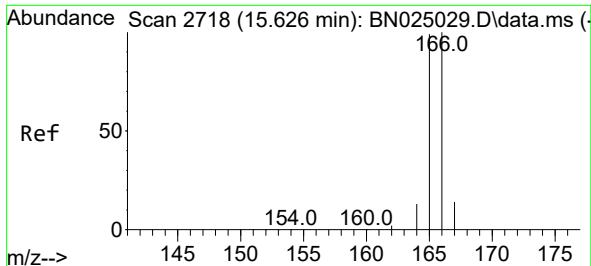
Tgt Ion:152 Resp: 4660
Ion Ratio Lower Upper
152 100
151 21.6 16.0 24.0
153 23.6 10.8 16.2#



#11
Acenaphthene
Concen: 0.141 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025036.D
Acq: 20 Apr 2023 15:38

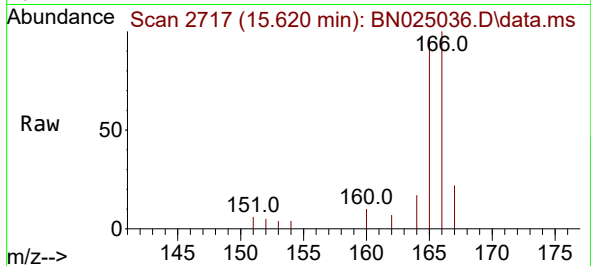
Tgt Ion:153 Resp: 5855
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 87.8 69.4 104.2



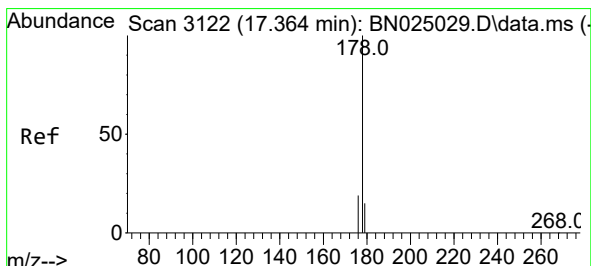
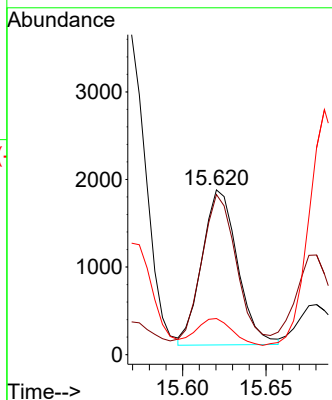


#12
Fluorene
Concen: 0.057 ng/u1
RT: 15.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025036.D
Acq: 20 Apr 2023 15:38

Instrument :
BNA_N
ClientSampleId :

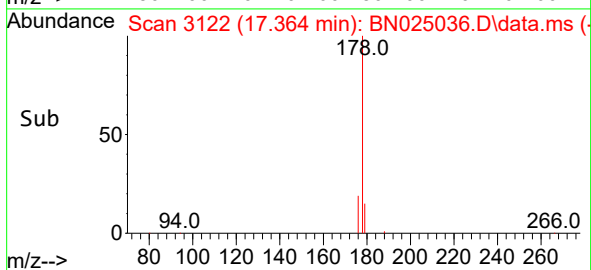
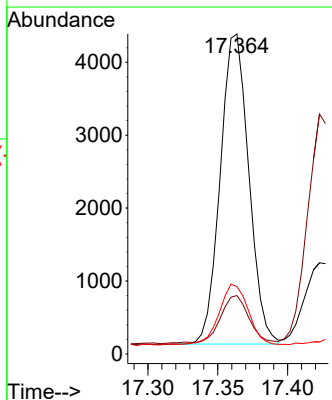
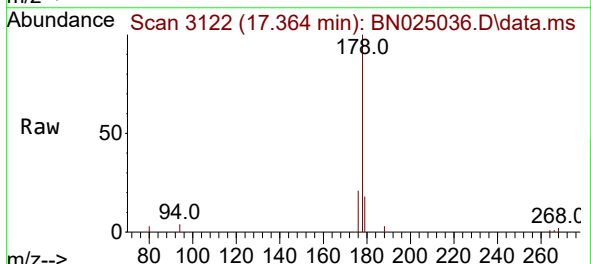


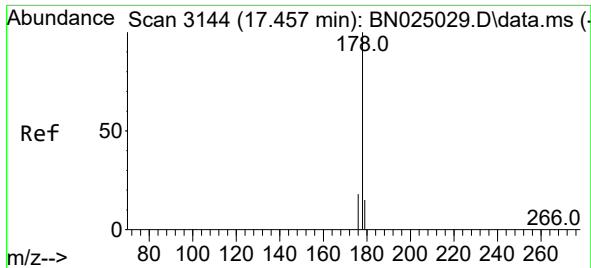
Tgt Ion:166 Resp: 2631
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 22.0 11.0 16.6#



#15
Phenanthrene
Concen: 0.073 ng/u1
RT: 17.364 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025036.D
Acq: 20 Apr 2023 15:38

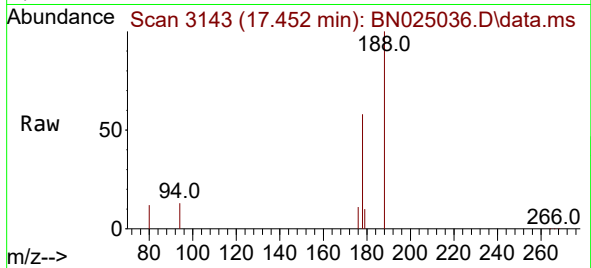
Tgt Ion:178 Resp: 6039
Ion Ratio Lower Upper
178 100
179 18.3 12.5 18.7
176 21.1 15.6 23.4



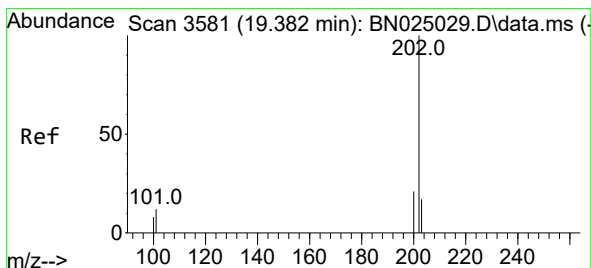
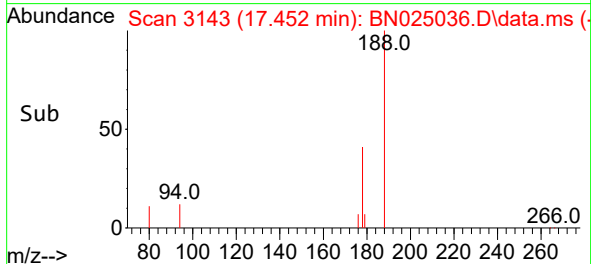
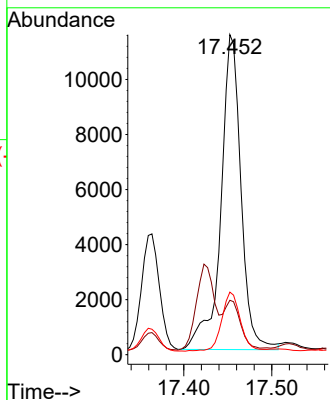


#16
 Anthracene
 Concen: 0.268 ng/ul
 RT: 17.452 min Scan# 3143
 Delta R.T. -0.005 min
 Lab File: BN025036.D
 Acq: 20 Apr 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :

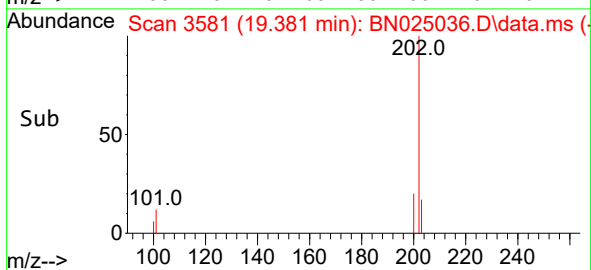
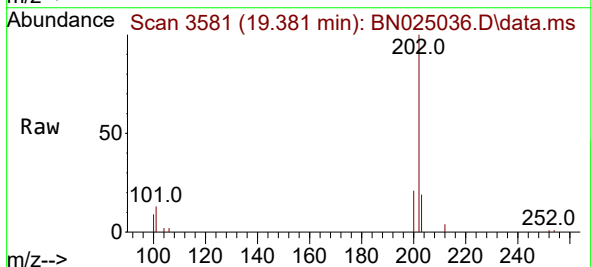
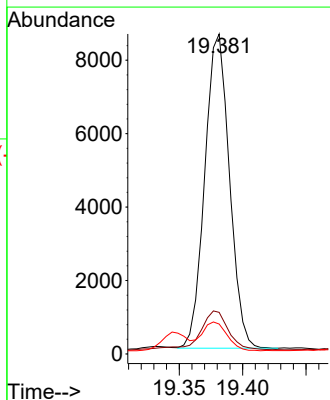


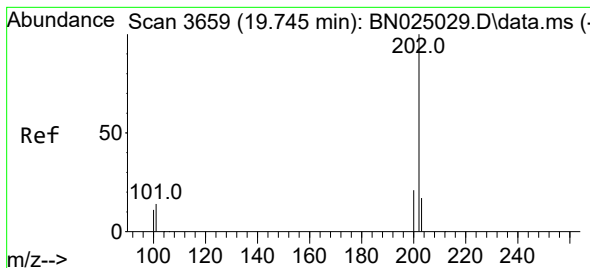
Tgt Ion:178 Resp: 18214
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.7 19.1
 176 19.5 15.3 22.9



#19
 Fluoranthene
 Concen: 0.153 ng/ul
 RT: 19.381 min Scan# 3581
 Delta R.T. -0.001 min
 Lab File: BN025036.D
 Acq: 20 Apr 2023 15:38

Tgt Ion:202 Resp: 11595
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 9.4 7.3 10.9





#20

Pyrene

Concen: 0.088 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. -0.001 min

Lab File: BN025036.D

Acq: 20 Apr 2023 15:38

Instrument :

BNA_N

ClientSampleId :

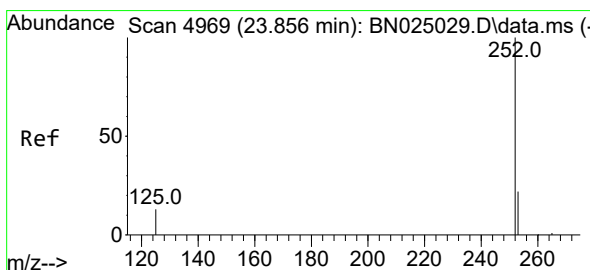
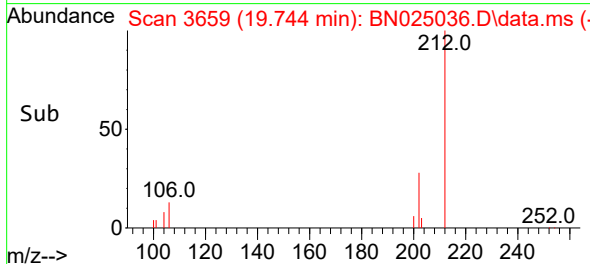
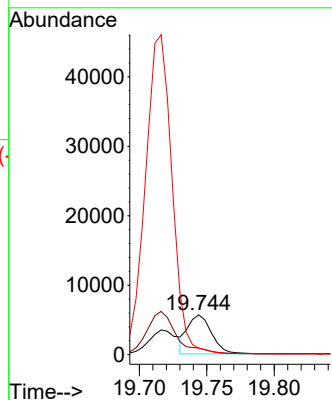
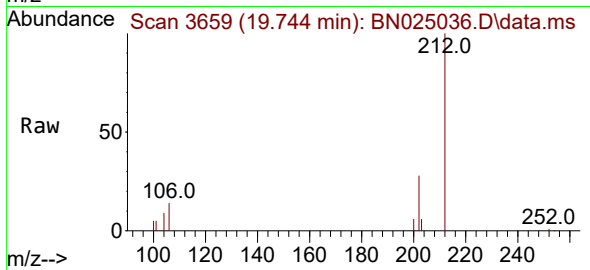
Tgt Ion:202 Resp: 6862

Ion Ratio Lower Upper

202 100

101 16.5 11.3 16.9

100 16.5 9.2 13.8#



#26

Benzo(a)pyrene

Concen: 0.134 ng/ul

RT: 23.808 min Scan# 4953

Delta R.T. -0.048 min

Lab File: BN025036.D

Acq: 20 Apr 2023 15:38

Tgt Ion:252 Resp: 8595

Ion Ratio Lower Upper

252 100

253 42.9 21.4 32.2#

125 35.8 14.6 22.0#

