

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025041.D
 Acq On : 20 Apr 2023 18:38
 Operator : CG/JU
 Sample : 02296-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 21 04:26:49 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)

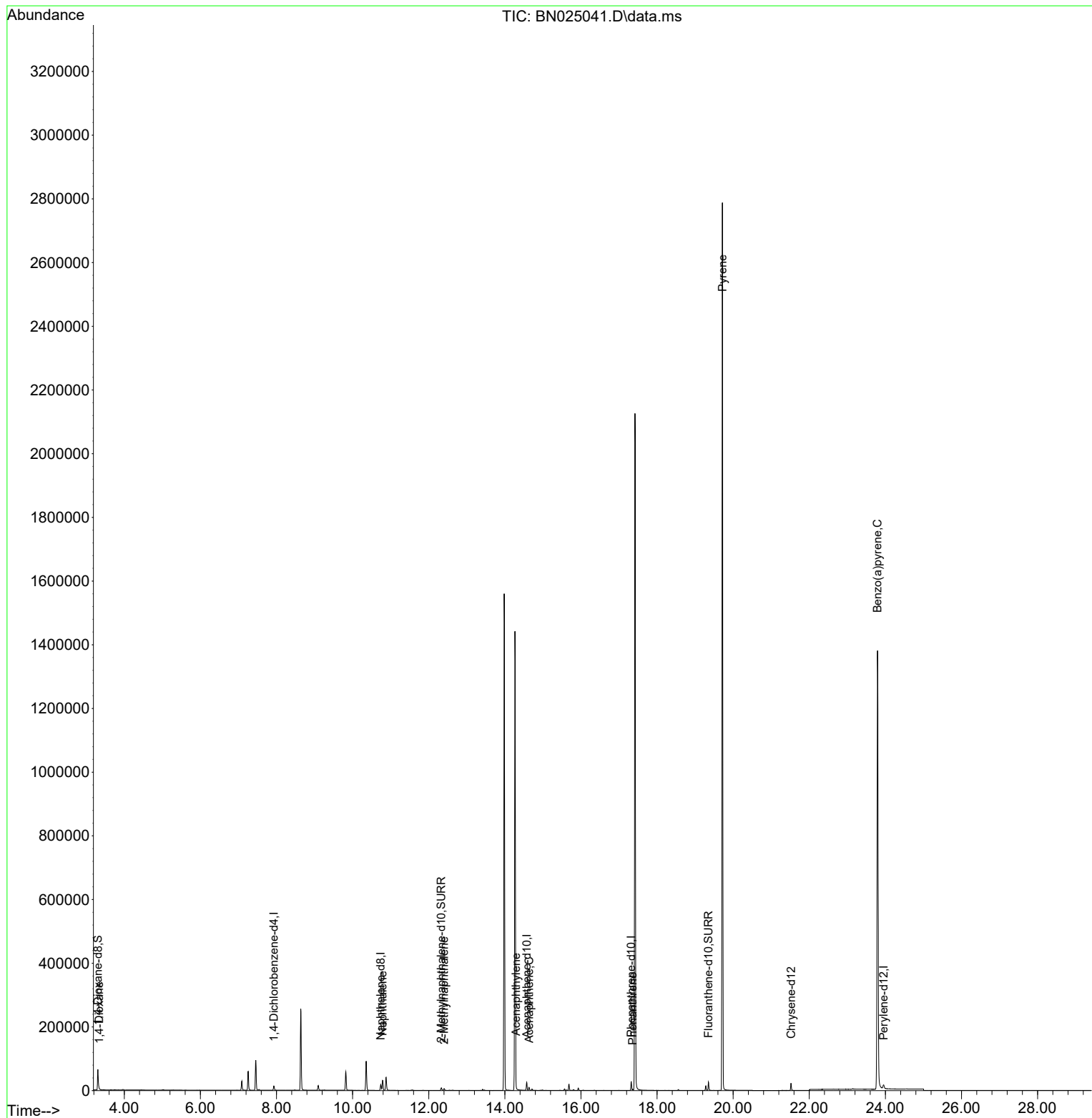
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	23091	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.576	164	13822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	29911	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	21423	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	20431	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	39165	5.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10791	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	27534	0.487	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	265	0.033	ng/ul#	57
5) Naphthalene	10.787	128	42973	0.726	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	4212	0.116	ng/ul	99
10) Acenaphthylene	14.293	152	2085	0.040	ng/ul#	85
11) Acenaphthene	14.636	153	5299	0.122	ng/ul	99
15) Phenanthrene	17.360	178	3607	0.043	ng/ul	94
20) Pyrene	19.717	202	4300	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.792	252	7240	0.106	ng/ul#	62

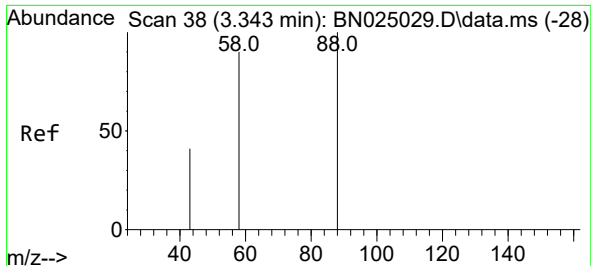
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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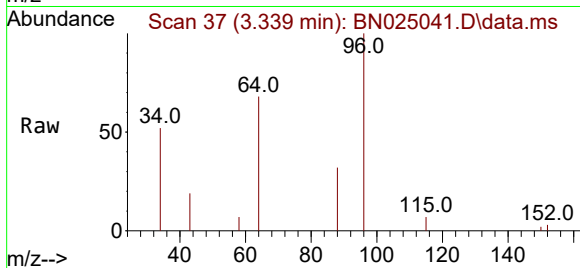
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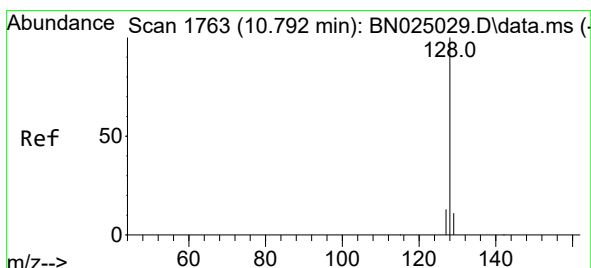
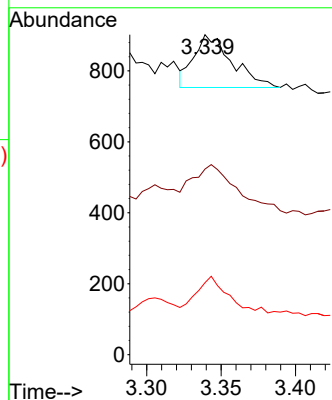
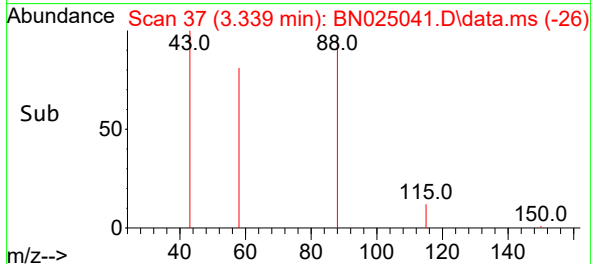


#2
 1,4-Dioxane
 Concen: 0.033 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN025041.D
 Acq: 20 Apr 2023 18:38

Instrument :
 BNA_N
 ClientSampleId :

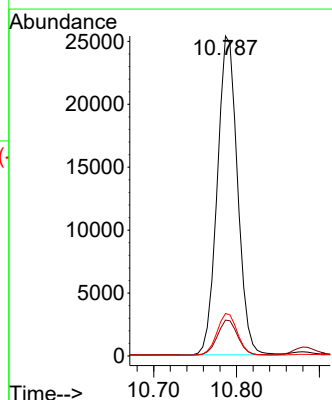
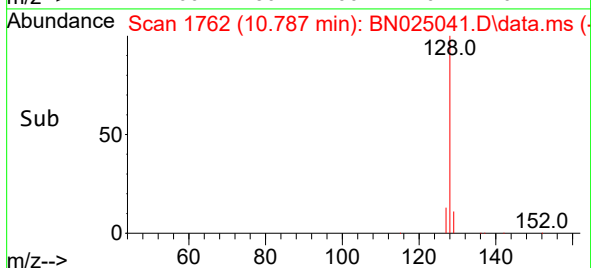
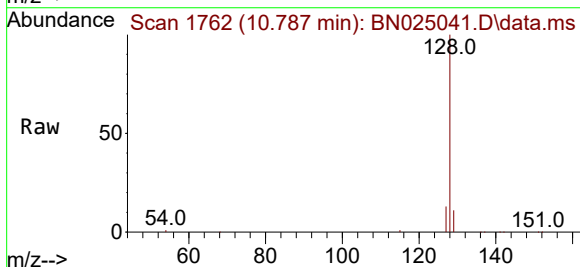


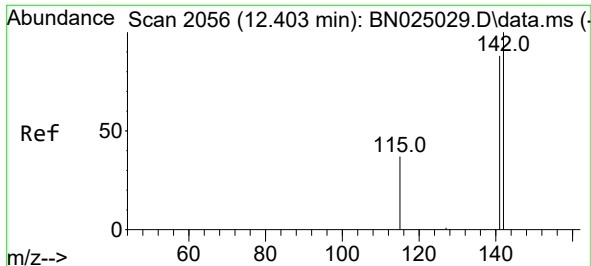
Tgt Ion: 88 Resp: 265
 Ion Ratio Lower Upper
 88 100
 43 58.0 37.0 55.4#
 58 22.5 56.9 85.3#



#5
 Naphthalene
 Concen: 0.726 ng/ul
 RT: 10.787 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN025041.D
 Acq: 20 Apr 2023 18:38

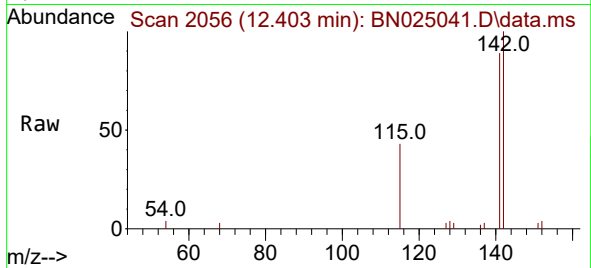
Tgt Ion: 128 Resp: 42973
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.3 10.7 16.1



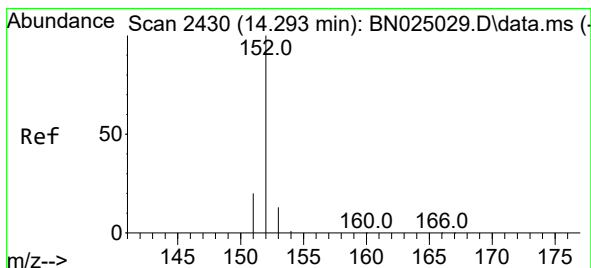
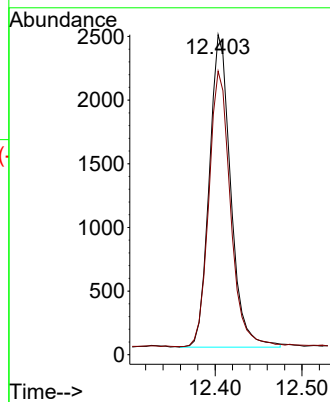
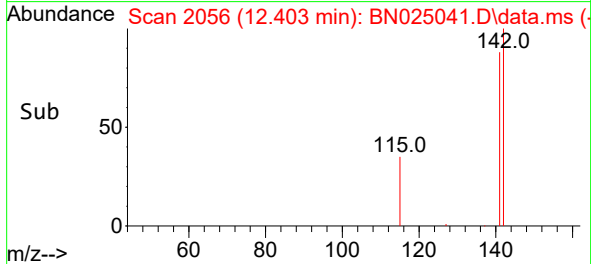


#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025041.D
Acq: 20 Apr 2023 18:38

Instrument :
BNA_N
ClientSampleId :

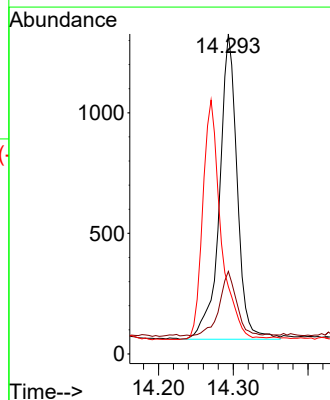
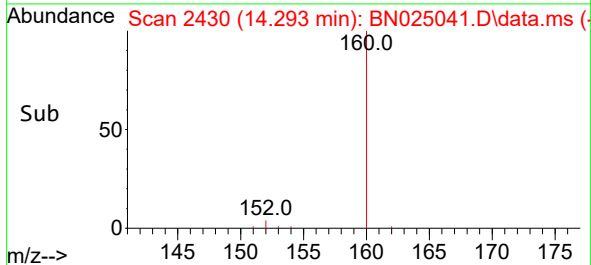
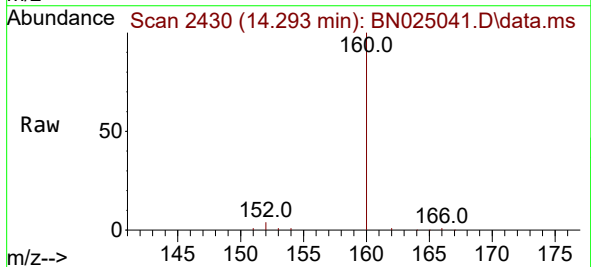


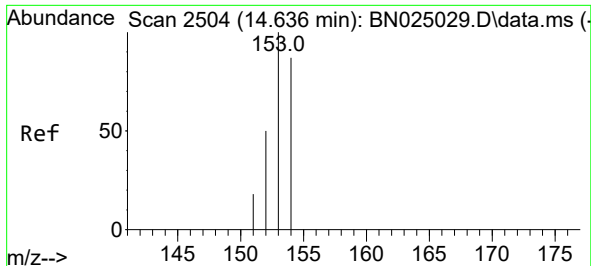
Tgt Ion:142 Resp: 4212
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN025041.D
Acq: 20 Apr 2023 18:38

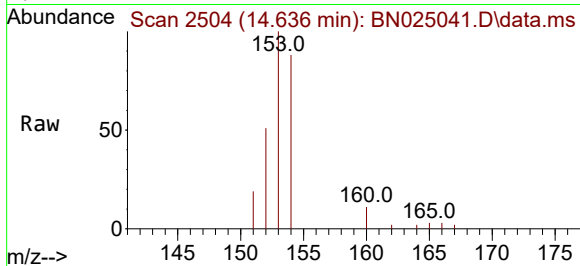
Tgt Ion:152 Resp: 2085
Ion Ratio Lower Upper
152 100
151 25.8 16.0 24.0#
153 21.0 10.8 16.2#



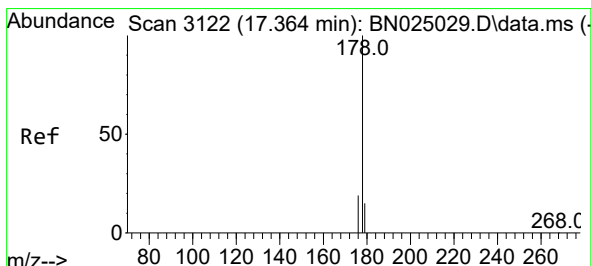
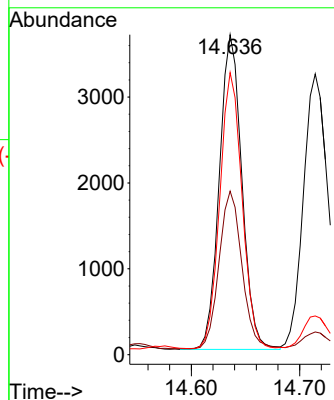
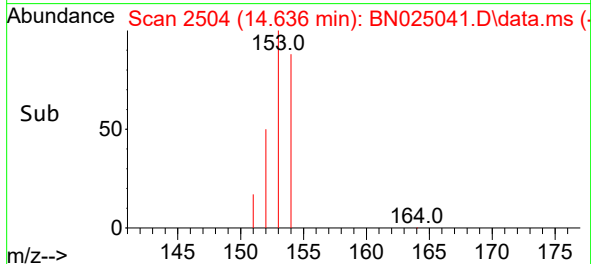


#11
Acenaphthene
Concen: 0.122 ng/ul
RT: 14.636 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025041.D
Acq: 20 Apr 2023 18:38

Instrument :
BNA_N
ClientSampleId :

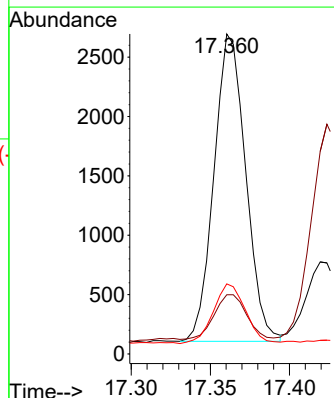
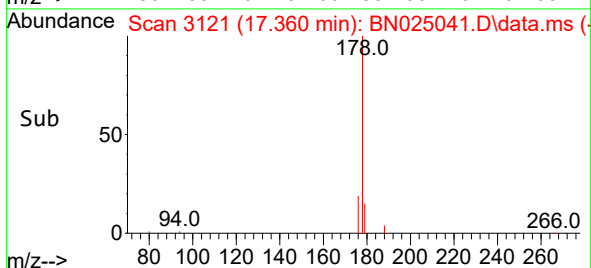
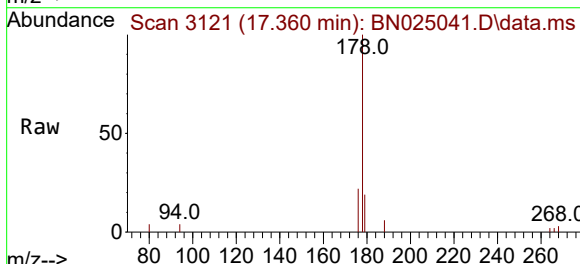


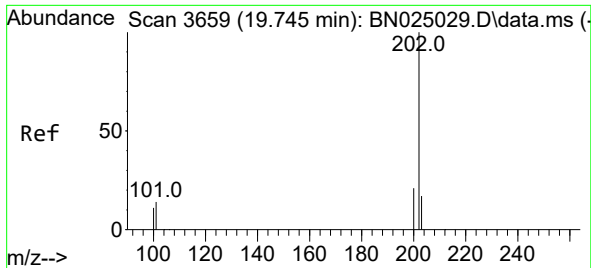
Tgt Ion:153 Resp: 5299
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 88.1 69.4 104.2



#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.360 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN025041.D
Acq: 20 Apr 2023 18:38

Tgt Ion:178 Resp: 3607
Ion Ratio Lower Upper
178 100
179 18.5 12.5 18.7
176 21.9 15.6 23.4

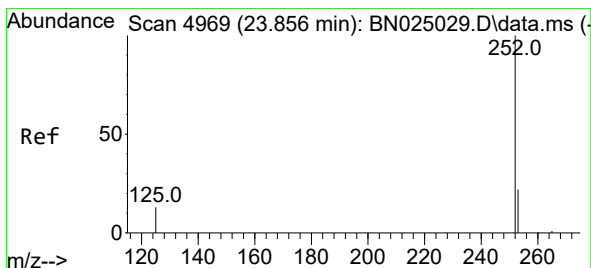
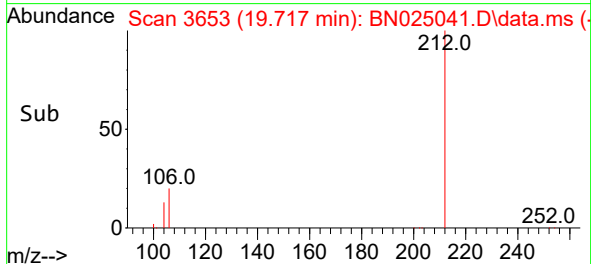
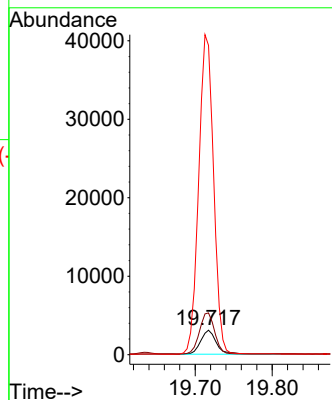
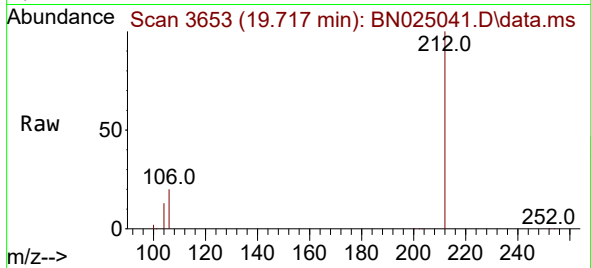




#20
Pyrene
Concen: 0.054 ng/ul
RT: 19.717 min Scan# 3653
Delta R.T. -0.027 min
Lab File: BN025041.D
Acq: 20 Apr 2023 18:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 4300
Ion Ratio Lower Upper
202 100
101 170.6 11.3 16.9#
100 1265.0 9.2 13.8#



#26
Benzo(a)pyrene
Concen: 0.106 ng/ul
RT: 23.792 min Scan# 4947
Delta R.T. -0.064 min
Lab File: BN025041.D
Acq: 20 Apr 2023 18:38

Tgt Ion:252 Resp: 7240
Ion Ratio Lower Upper
252 100
253 44.3 21.4 32.2#
125 38.3 14.6 22.0#

