

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038952.D
 Acq On : 09 Mar 2023 19:14
 Operator : CG/JU
 Sample : 01784-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF2

Quant Time: Mar 10 03:53:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

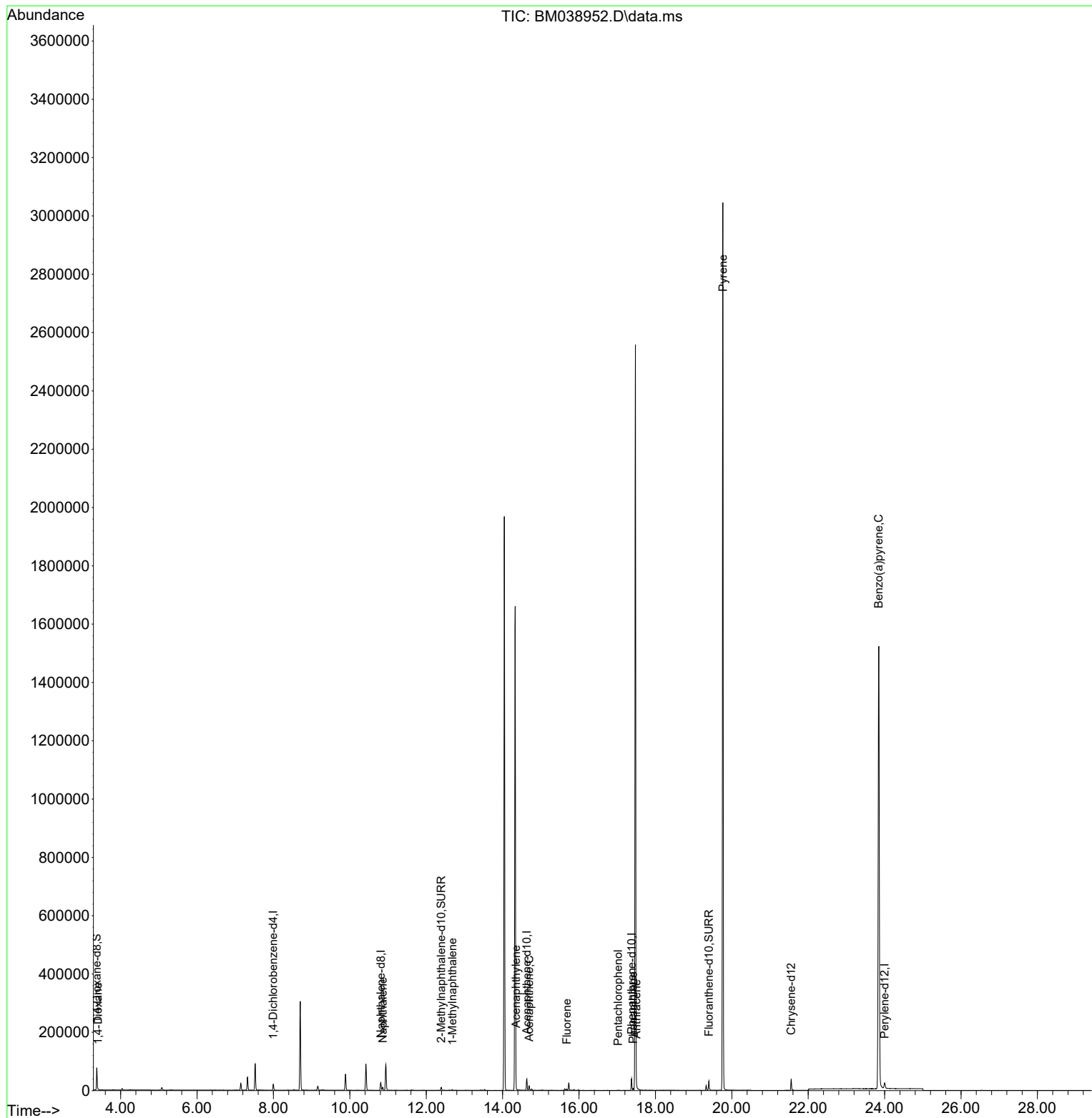
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	10146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	36081	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	21138	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	44500	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	34000	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	27480	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	47545	4.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13299	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	32413	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.409	88	325	0.028	ng/ul#	41
5) Naphthalene	10.861	128	14230	0.165	ng/ul	98
8) 1-Methylnaphthalene	12.686	142	1315	0.024	ng/ul	98
10) Acenaphthylene	14.350	152	1713	0.022	ng/ul#	75
11) Acenaphthene	14.693	153	8580	0.136	ng/ul	96
12) Fluorene	15.678	166	3019	0.042	ng/ul#	98
14) Pentachlorophenol	17.020	266	277	0.026	ng/ul	93
15) Phenanthrene	17.417	178	6818	0.058	ng/ul	97
16) Anthracene	17.505	178	2654	0.027	ng/ul#	84
20) Pyrene	19.765	202	5910	0.050	ng/ul#	1
26) Benzo(a)pyrene	23.844	252	8506	0.099	ng/ul#	62

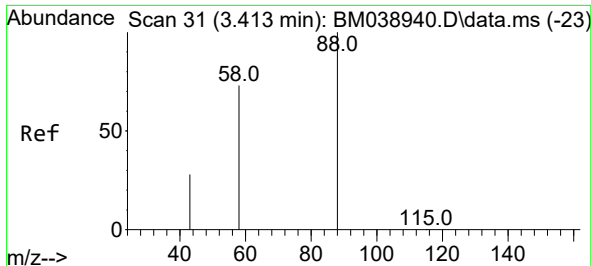
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038952.D
Acq On : 09 Mar 2023 19:14
Operator : CG/JU
Sample : 01784-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAF2

Quant Time: Mar 10 03:53:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
Response via : Initial Calibration

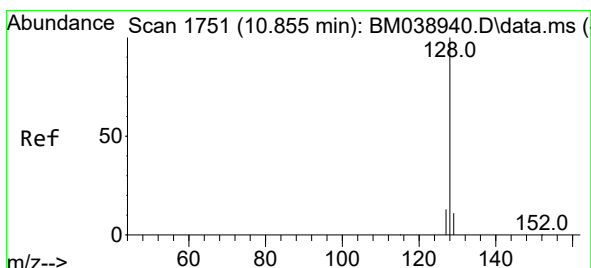
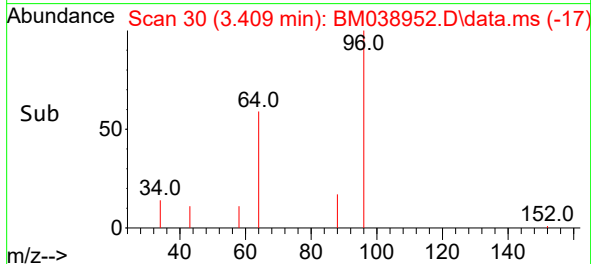
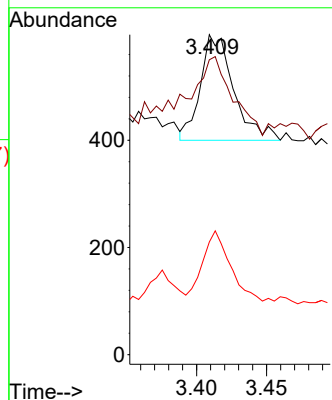
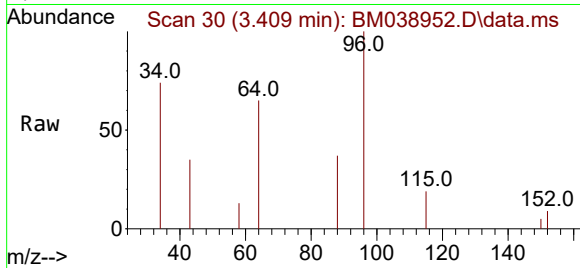




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

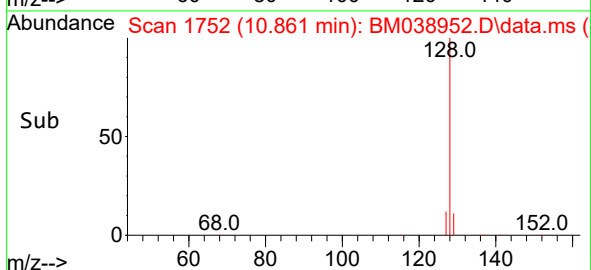
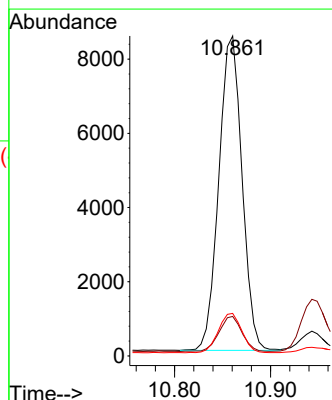
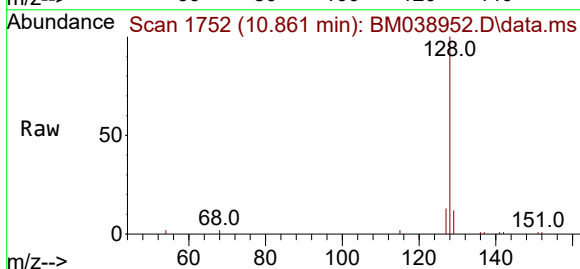
Instrument :
BNA_M
ClientSampleId :
DCAF2

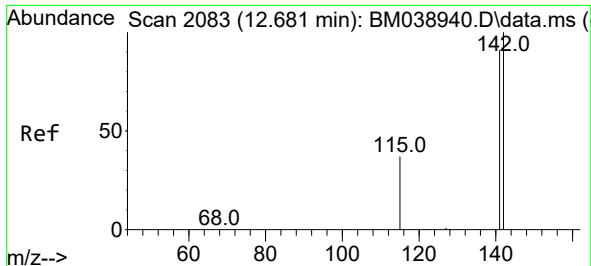
Tgt Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 92.1 27.2 40.8#
58 35.2 50.8 76.2#



#5
Naphthalene
Concen: 0.165 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

Tgt Ion: 128 Resp: 14230
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.3 10.3 15.5

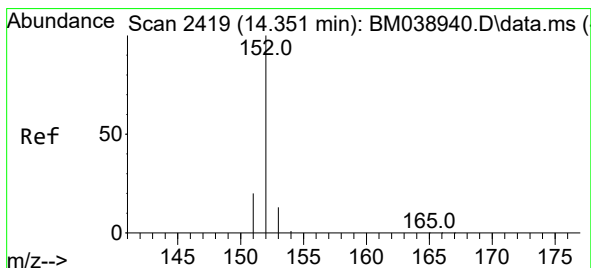
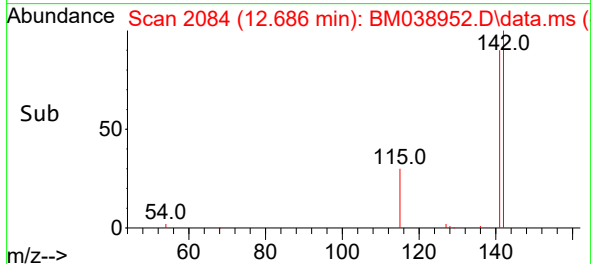
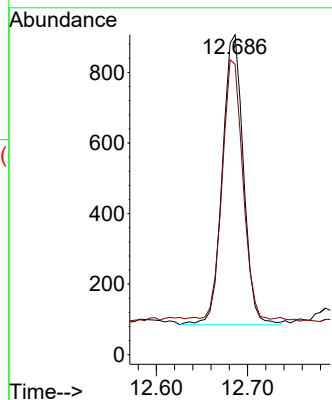
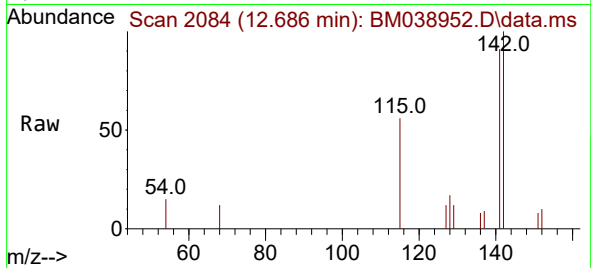




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

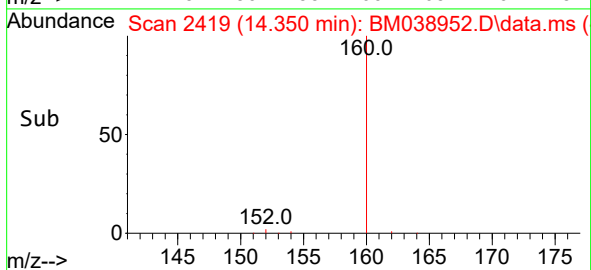
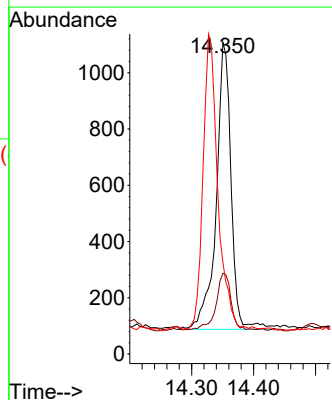
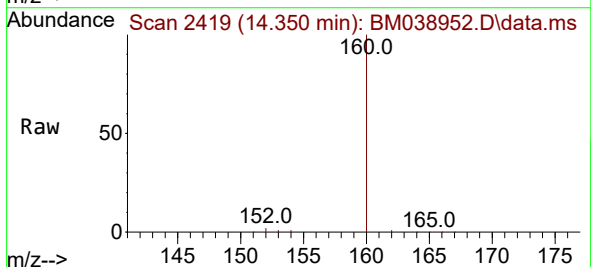
Instrument :
BNA_M
ClientSampleId :
DCAF2

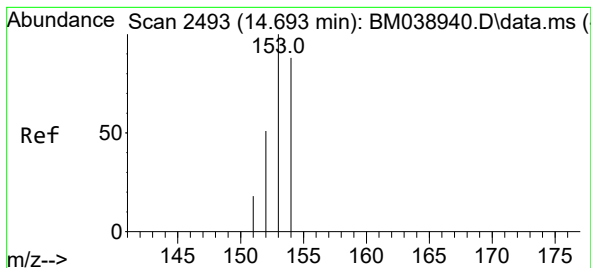
Tgt Ion:142 Resp: 1315
Ion Ratio Lower Upper
142 100
141 90.0 73.5 110.3



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

Tgt Ion:152 Resp: 1713
Ion Ratio Lower Upper
152 100
151 25.9 15.6 23.4#
153 29.4 10.6 15.8#





#11

Acenaphthene

Concen: 0.136 ng/ul

RT: 14.693 min Scan# 2493

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCAF2

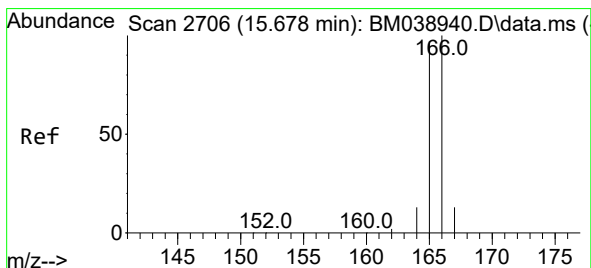
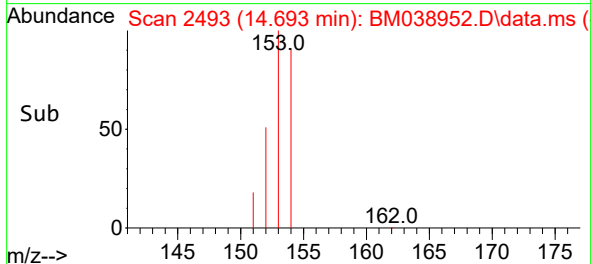
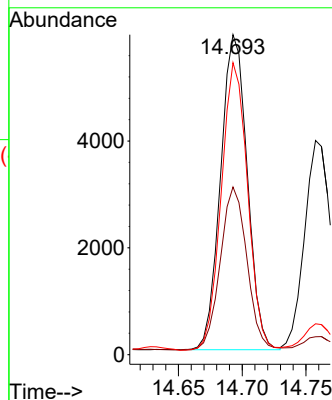
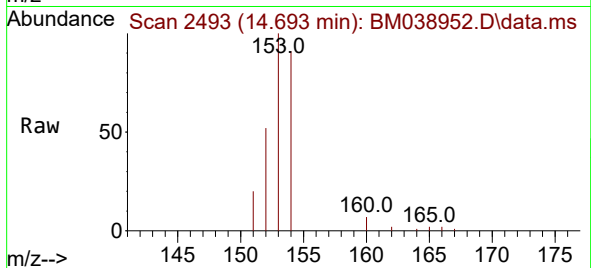
Tgt Ion:153 Resp: 8580

Ion Ratio Lower Upper

153 100

152 52.4 44.2 66.2

154 91.3 70.6 105.8



#12

Fluorene

Concen: 0.042 ng/ul

RT: 15.678 min Scan# 2706

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

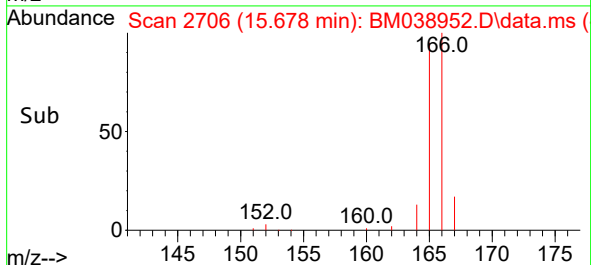
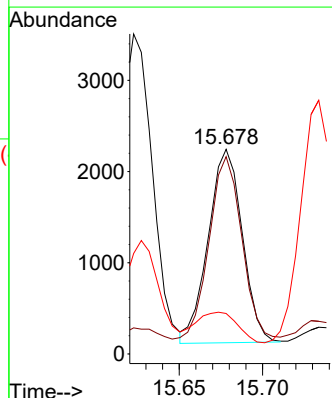
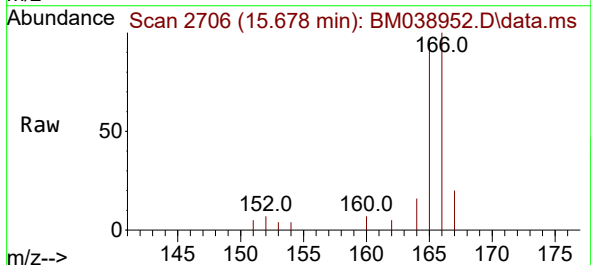
Tgt Ion:166 Resp: 3019

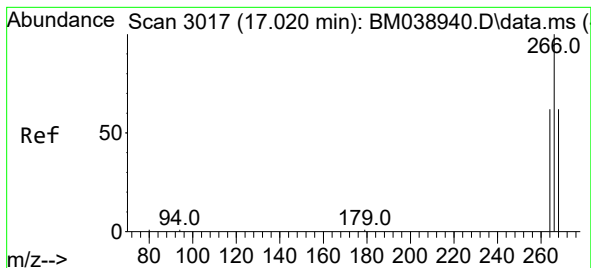
Ion Ratio Lower Upper

166 100

165 96.3 77.8 116.6

167 19.8 11.4 17.2#





#14

Pentachlorophenol

Concen: 0.026 ng/ul

RT: 17.020 min Scan# 3017

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCAF2

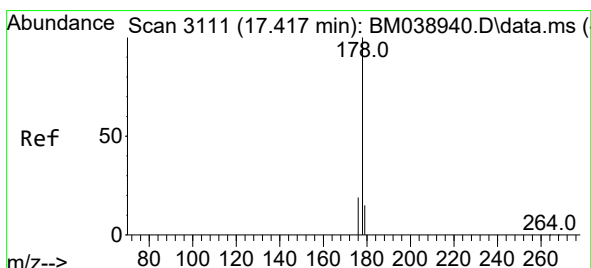
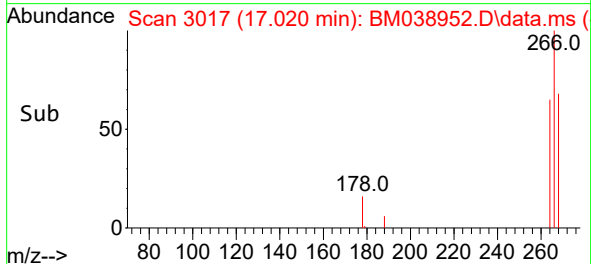
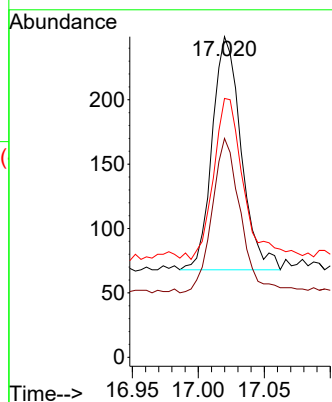
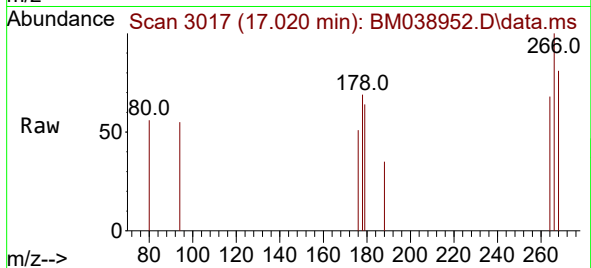
Tgt Ion:266 Resp: 277

Ion Ratio Lower Upper

266 100

264 66.1 50.2 75.2

268 70.4 50.2 75.4



#15

Phenanthrene

Concen: 0.058 ng/ul

RT: 17.417 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

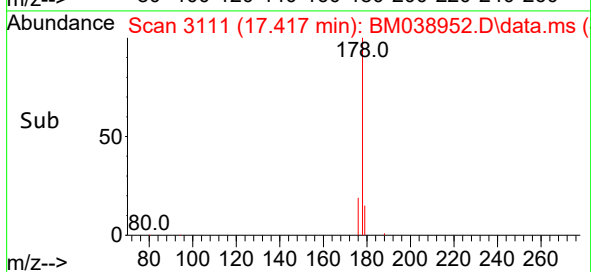
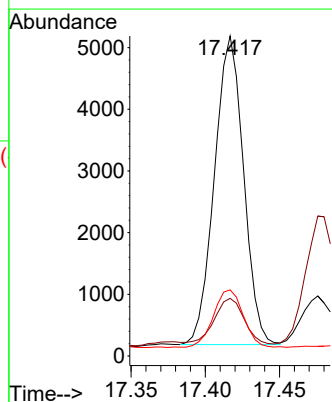
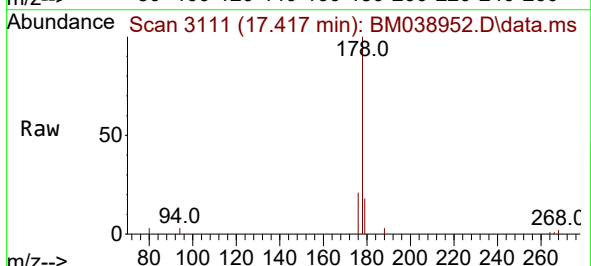
Tgt Ion:178 Resp: 6818

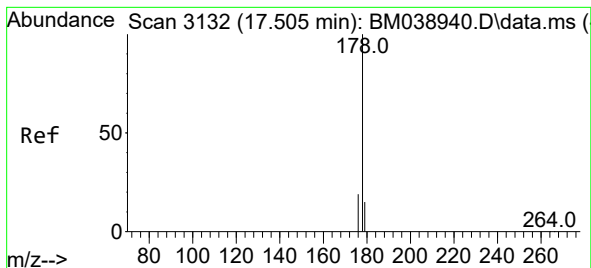
Ion Ratio Lower Upper

178 100

179 18.0 12.7 19.1

176 20.7 15.9 23.9





#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.505 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

Instrument :

BNA_M

ClientSampleId :

DCAF2

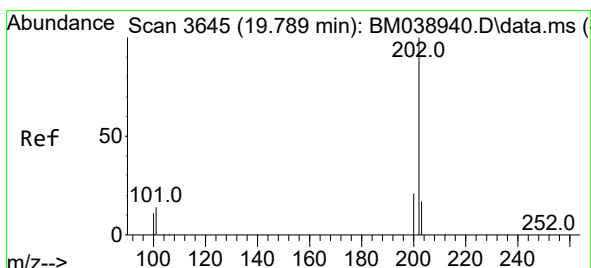
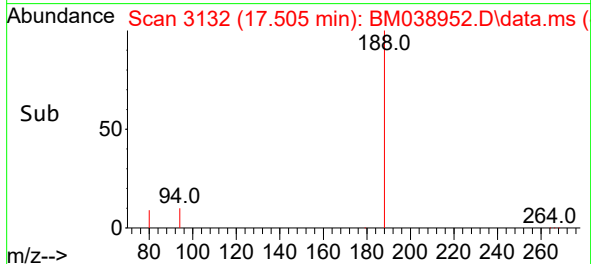
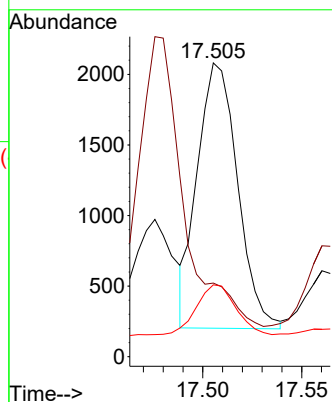
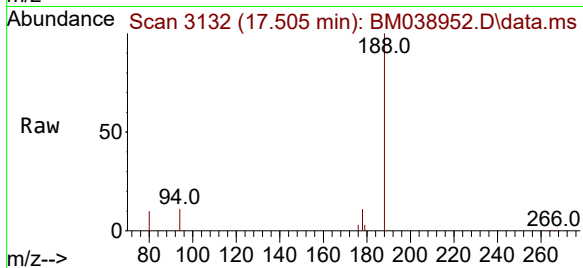
Tgt Ion:178 Resp: 2654

Ion Ratio Lower Upper

178 100

179 25.0 13.0 19.6#

176 24.5 15.4 23.2#



#20

Pyrene

Concen: 0.050 ng/ul

RT: 19.765 min Scan# 3640

Delta R.T. -0.023 min

Lab File: BM038952.D

Acq: 09 Mar 2023 19:14

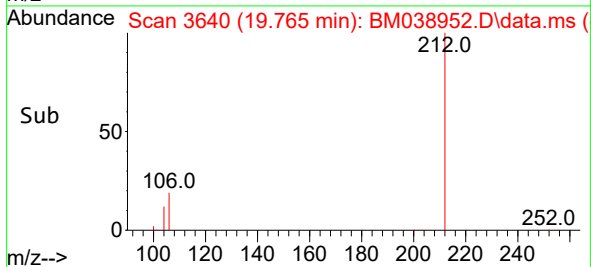
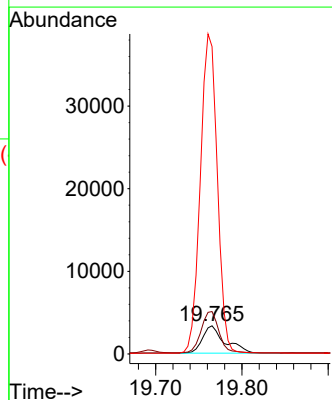
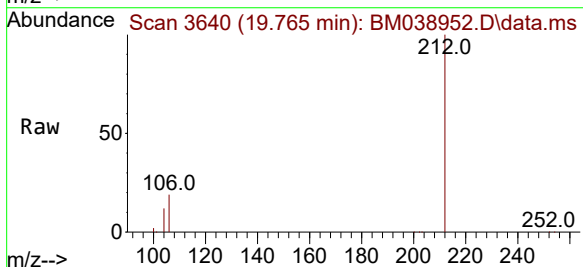
Tgt Ion:202 Resp: 5910

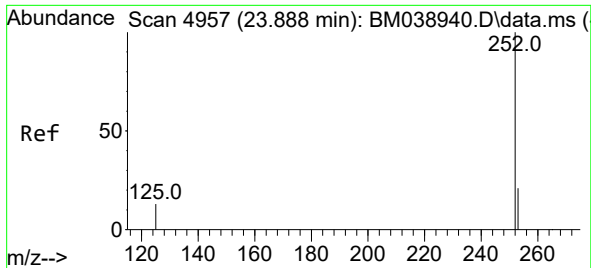
Ion Ratio Lower Upper

202 100

101 150.2 11.2 16.8#

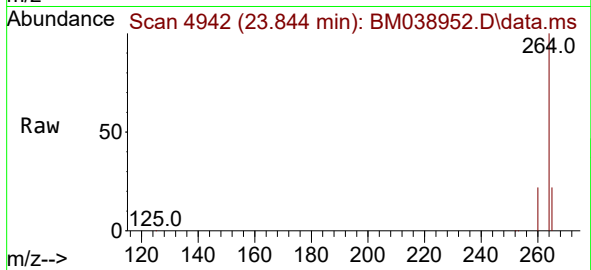
100 1089.2 9.0 13.6#





#26
Benzo(a)pyrene
Concen: 0.099 ng/ul
RT: 23.844 min Scan# 4957
Delta R.T. -0.044 min
Lab File: BM038952.D
Acq: 09 Mar 2023 19:14

Instrument :
BNA_M
ClientSampleId :
DCAF2



Tgt Ion:252 Resp: 8506
Ion Ratio Lower Upper
252 100
253 41.4 20.3 30.5#
125 38.2 14.0 21.0#

