

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043120.D
 Acq On : 01 Dec 2023 13:00
 Operator : MA/JU
 Sample : 05459-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Quant Time: Dec 02 00:05:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

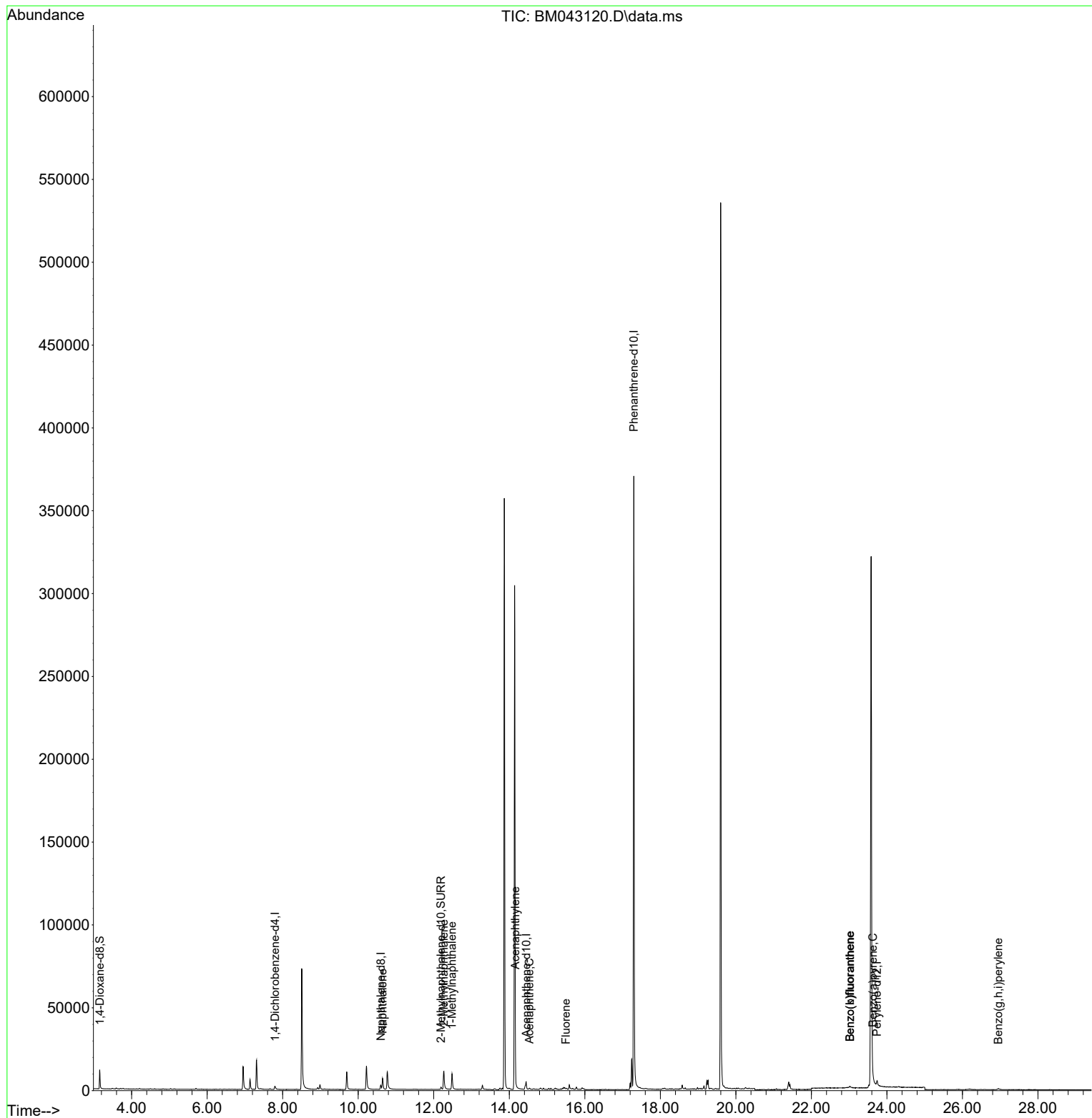
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1409	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.595	136	4007	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.446	164	2481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	438801	0.400	ng/ul	# 0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.40
23) Perylene-d12	23.738	264	7911	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	7260	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2432	0.454	ng/ul	-0.03
18) Fluoranthene-d10	19.230	212	5854	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	10192	0.936	ng/ul#	84
7) 2-Methylnaphthalene	12.267	142	9814	1.528	ng/ul	96
8) 1-Methylnaphthalene	12.482	142	7002	0.978	ng/ul	98
10) Acenaphthylene	14.160	152	296	0.023	ng/ul#	1
11) Acenaphthene	14.530	153	296	0.031	ng/ul#	45
12) Fluorene	15.497	166	395	0.040	ng/ul#	89
24) Benzo(b)fluoranthene	23.019	252	1634	0.061	ng/ul#	70
25) Benzo(k)fluoranthene	23.019	252	2072	0.056	ng/ul#	69
26) Benzo(a)pyrene	23.627	252	931	0.032	ng/ul#	67
29) Benzo(g,h,i)perylene	26.949	276	1473	0.038	ng/ul#	85

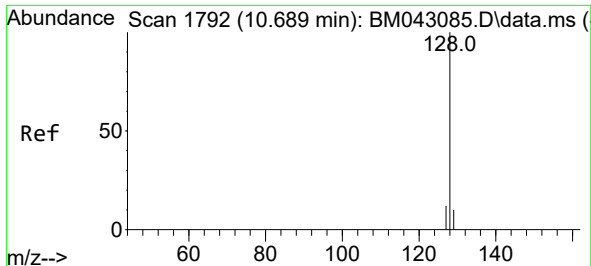
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043120.D
Acq On : 01 Dec 2023 13:00
Operator : MA/JU
Sample : 05459-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Quant Time: Dec 02 00:05:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration

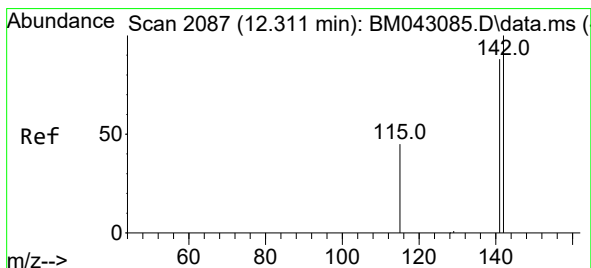
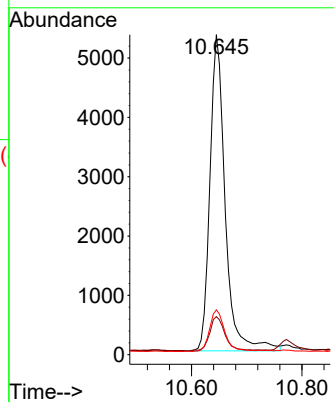
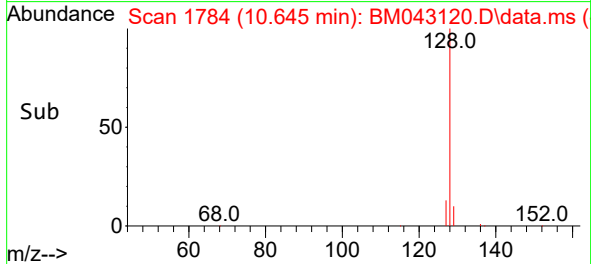
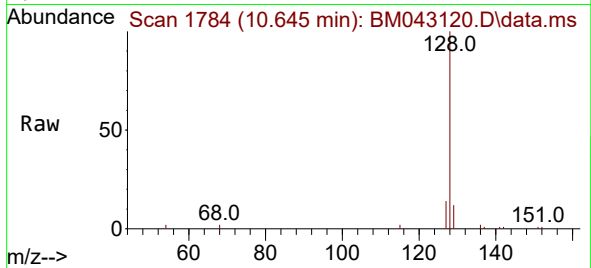




#5
Naphthalene
Concen: 0.936 ng/ul
RT: 10.645 min Scan# 1792
Delta R.T. -0.022 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

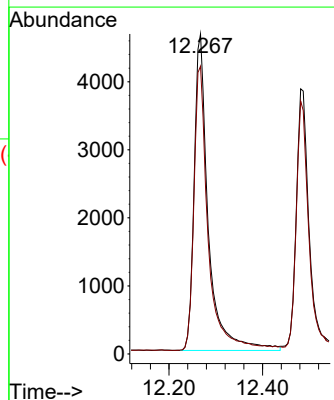
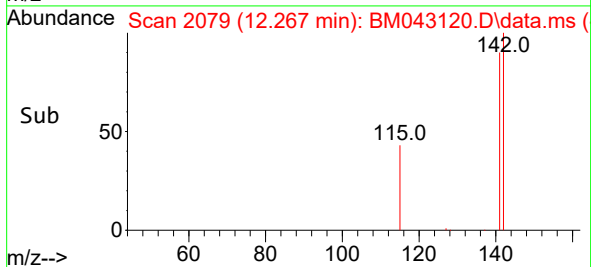
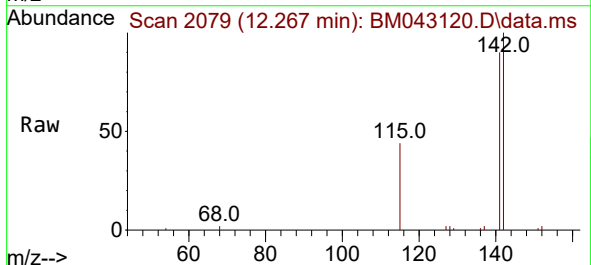
Instrument :
BNA_M
ClientSampleId :
C0AJ3

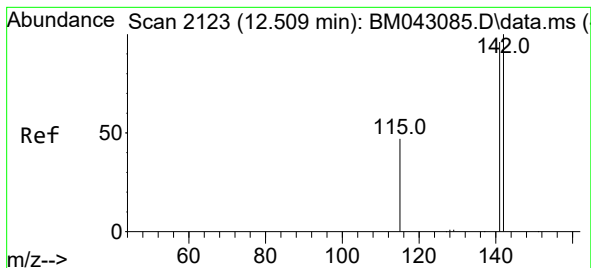
Tgt Ion:128 Resp: 10192
Ion Ratio Lower Upper
128 100
129 11.9 16.0 24.0#
127 14.0 16.5 24.7#



#7
2-Methylnaphthalene
Concen: 1.528 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. -0.028 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Tgt Ion:142 Resp: 9814
Ion Ratio Lower Upper
142 100
141 91.1 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.978 ng/ul

RT: 12.482 min Scan# 2118

Delta R.T. -0.017 min

Lab File: BM043120.D

Acq: 01 Dec 2023 13:00

Instrument :

BNA_M

ClientSampleId :

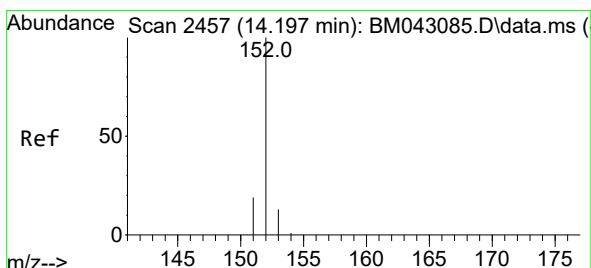
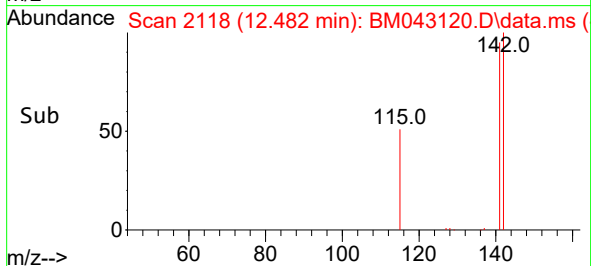
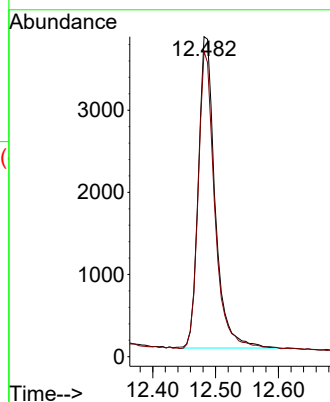
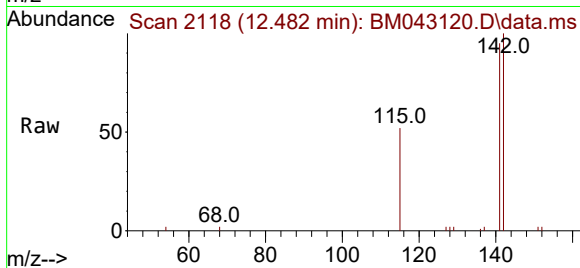
C0AJ3

Tgt Ion:142 Resp: 7002

Ion Ratio Lower Upper

142 100

141 94.3 73.8 110.8



#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.160 min Scan# 2449

Delta R.T. -0.023 min

Lab File: BM043120.D

Acq: 01 Dec 2023 13:00

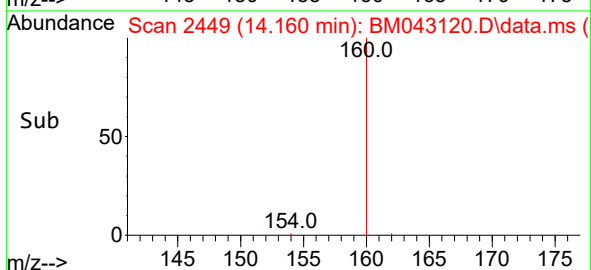
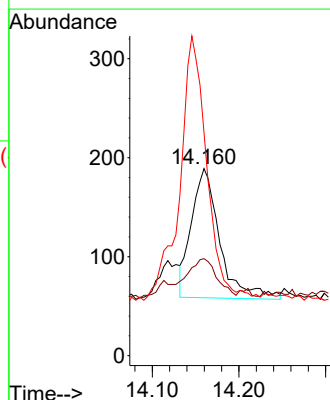
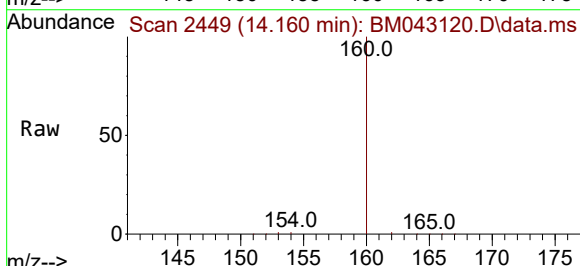
Tgt Ion:152 Resp: 296

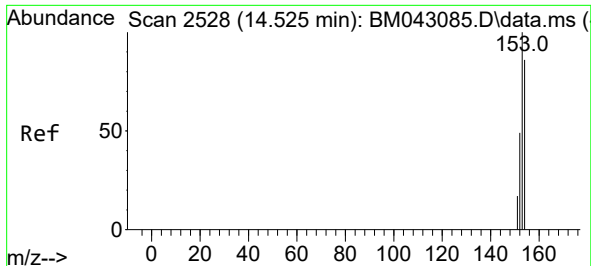
Ion Ratio Lower Upper

152 100

151 51.9 19.4 29.0#

153 119.0 14.6 21.8#

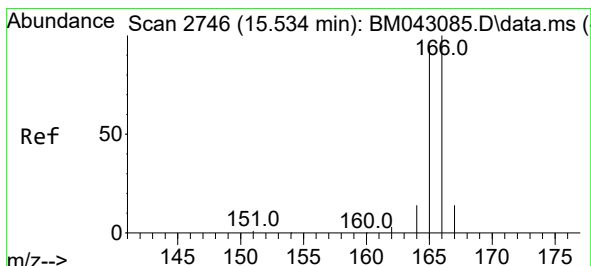
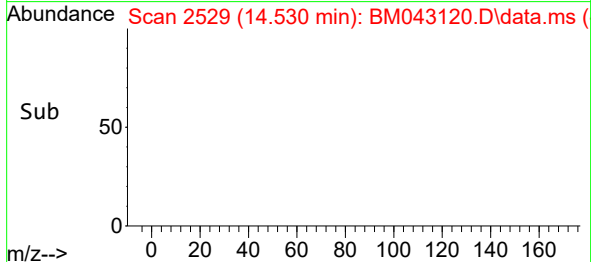
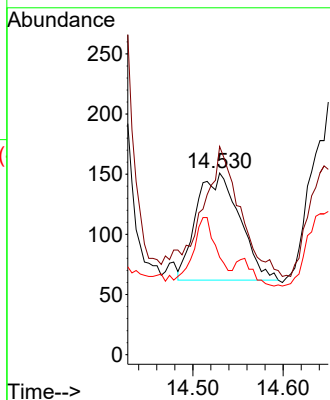
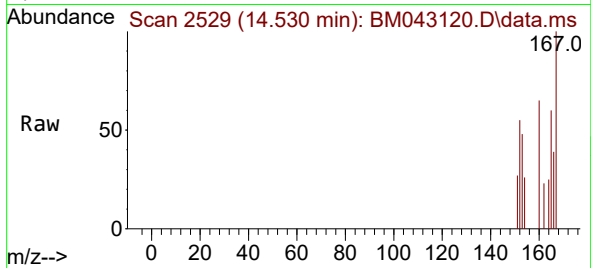




#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.530 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

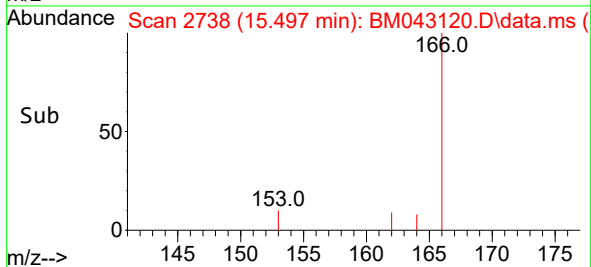
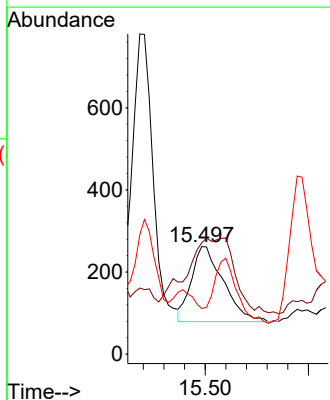
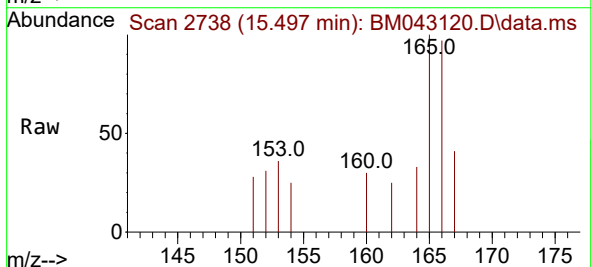
Instrument :
BNA_M
ClientSampleId :
C0AJ3

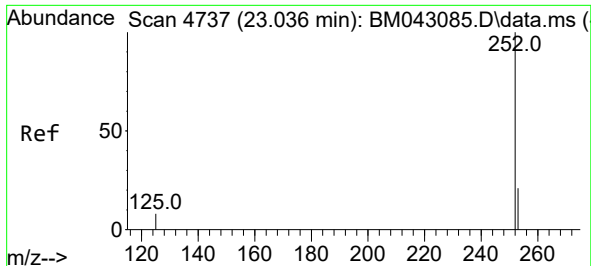
Tgt Ion:153 Resp: 296
Ion Ratio Lower Upper
153 100
152 114.6 43.9 65.9#
154 53.6 70.6 105.8#



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.497 min Scan# 2738
Delta R.T. -0.019 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Tgt Ion:166 Resp: 395
Ion Ratio Lower Upper
166 100
165 103.4 79.9 119.9
167 42.4 14.2 21.4#

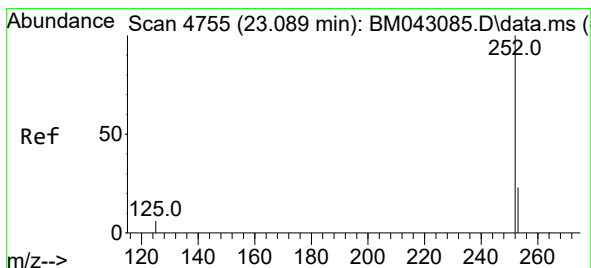
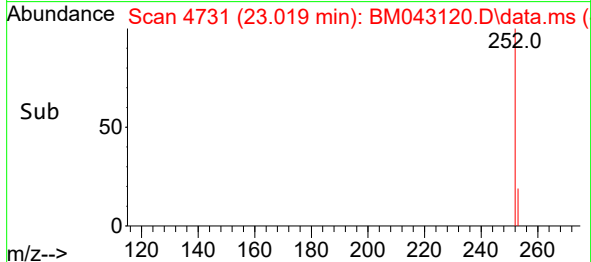
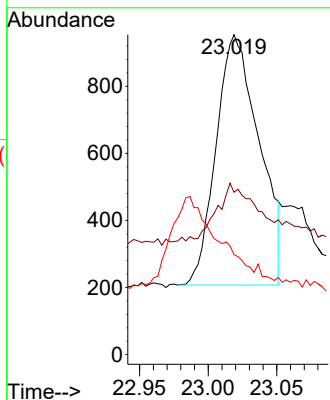
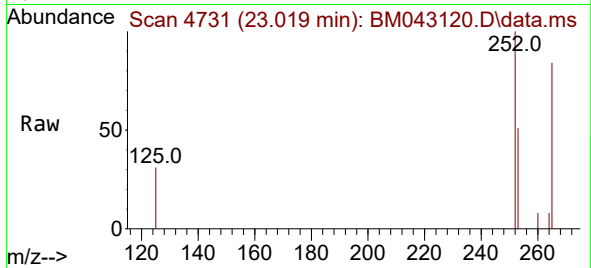




#24
Benzo(b)fluoranthene
Concen: 0.061 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

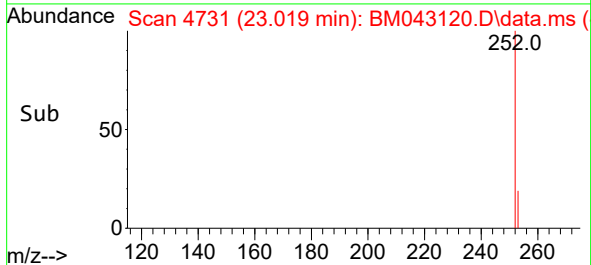
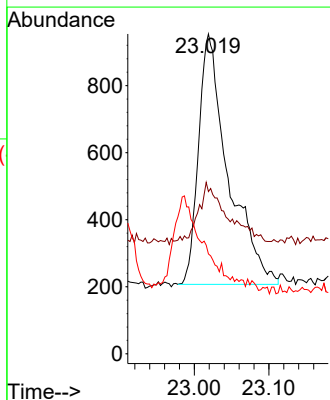
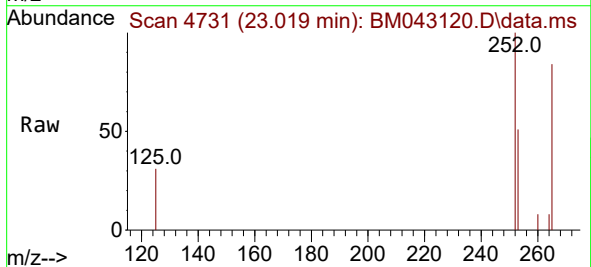
Instrument :
BNA_M
ClientSampleId :
C0AJ3

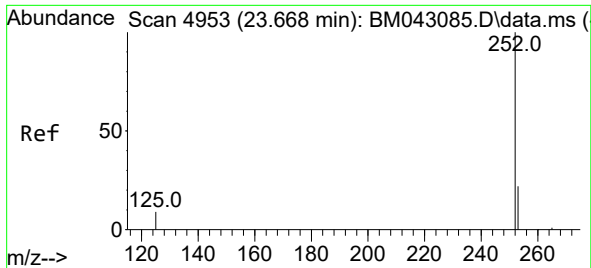
Tgt Ion:252 Resp: 1634
Ion Ratio Lower Upper
252 100
253 50.7 0.0 71.8
125 31.2 0.0 29.0#



#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.059 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Tgt Ion:252 Resp: 2072
Ion Ratio Lower Upper
252 100
253 50.7 28.2 42.2#
125 31.2 11.0 16.6#

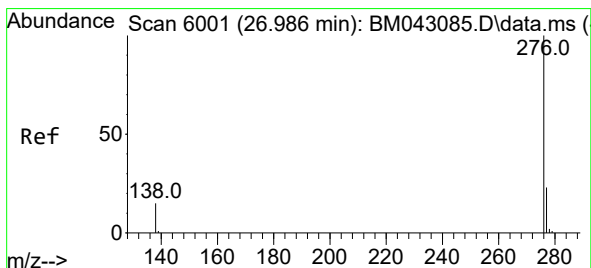
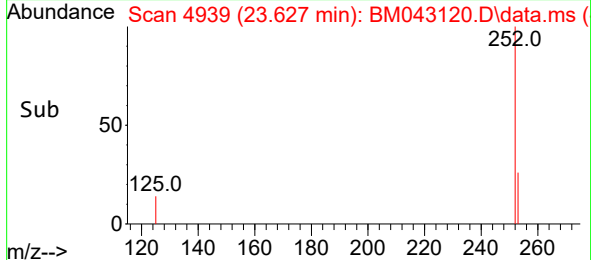
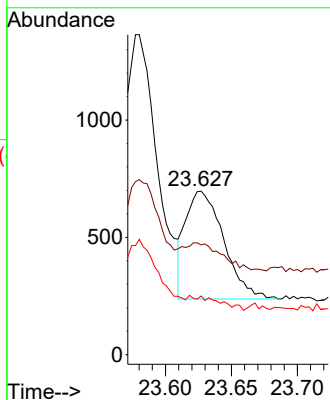
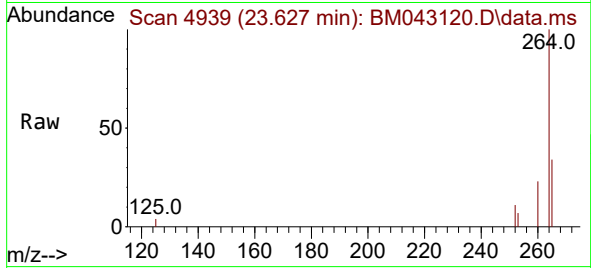




#26
Benzo(a)pyrene
Concen: 0.032 ng/ul
RT: 23.627 min Scan# 4939
Delta R.T. -0.023 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Tgt Ion:252 Resp: 931
Ion Ratio Lower Upper
252 100
253 67.1 36.6 55.0#
125 35.9 16.2 24.4#



#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.949 min Scan# 5990
Delta R.T. -0.010 min
Lab File: BM043120.D
Acq: 01 Dec 2023 13:00

Tgt Ion:276 Resp: 1473
Ion Ratio Lower Upper
276 100
138 32.0 17.8 26.8#
277 35.6 23.8 35.8

