

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011123\
 Data File : BM038425.D
 Acq On : 11 Jan 2023 09:25
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

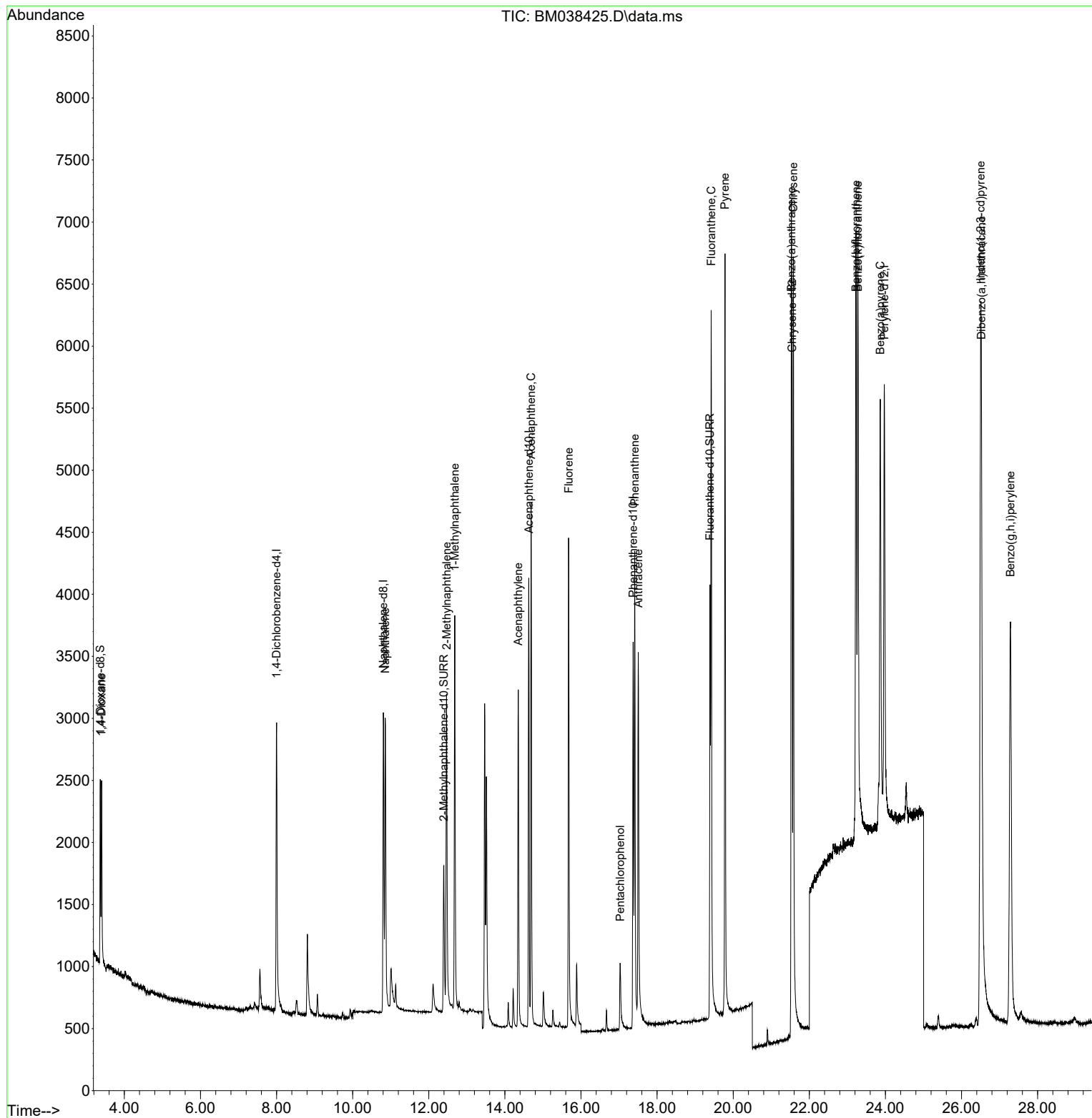
Quant Time: Jan 12 01:11:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 01:09:22 2023
 Response via : Initial Calibration

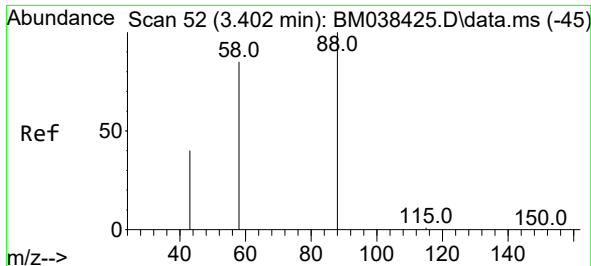
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	1494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	3684	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.629	164	2045	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	4235	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	4517	0.400	ng/ul	0.00
23) Perylene-d12	23.971	264	5214	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	858	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	1949	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	4534	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	876	0.384	ng/ul	92
5) Naphthalene	10.856	128	3666	0.373	ng/ul	97
7) 2-Methylnaphthalene	12.467	142	2162	0.357	ng/ul	96
8) 1-Methylnaphthalene	12.682	142	2222	0.361	ng/ul	98
10) Acenaphthylene	14.352	152	3381	0.355	ng/ul	99
11) Acenaphthene	14.689	153	2554	0.362	ng/ul	100
12) Fluorene	15.675	166	2830	0.353	ng/ul	98
14) Pentachlorophenol	17.033	266	562	0.372	ng/ul	96
15) Phenanthrene	17.413	178	4415	0.353	ng/ul	99
16) Anthracene	17.506	178	4166	0.362	ng/ul	98
19) Fluoranthene	19.422	202	5650	0.362	ng/ul	100
20) Pyrene	19.785	202	6036	0.361	ng/ul	99
21) Benzo(a)anthracene	21.527	228	5630	0.374	ng/ul	99
22) Chrysene	21.580	228	6007	0.379	ng/ul	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 01:09:22 2023
Response via : Initial Calibration

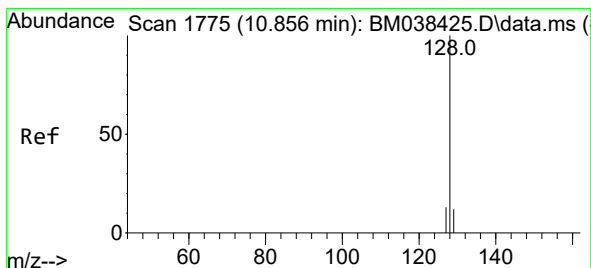
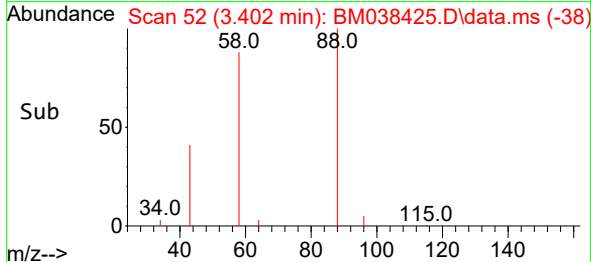
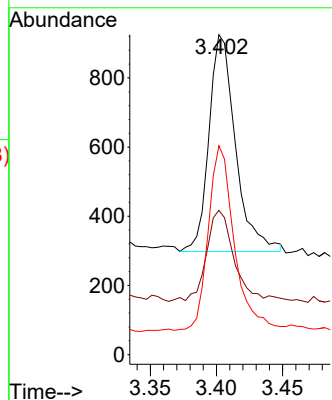
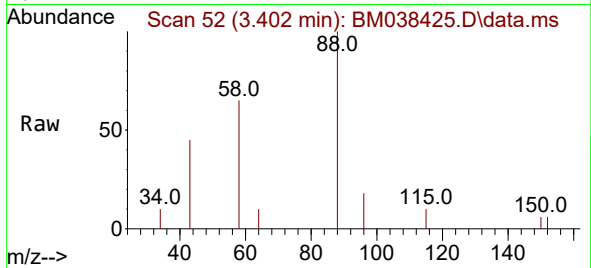




#2
1,4-Dioxane
Concen: 0.384 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

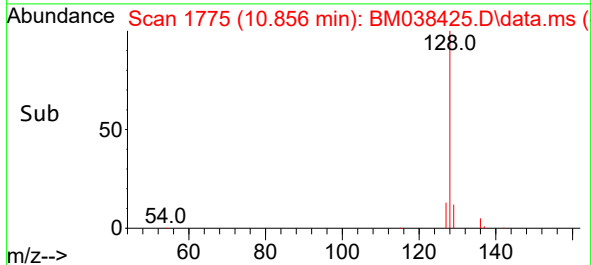
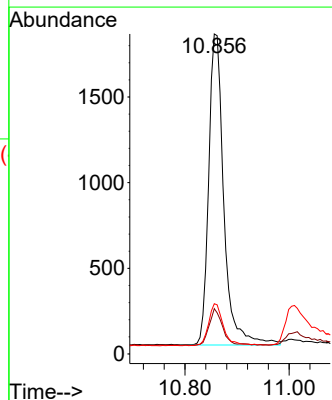
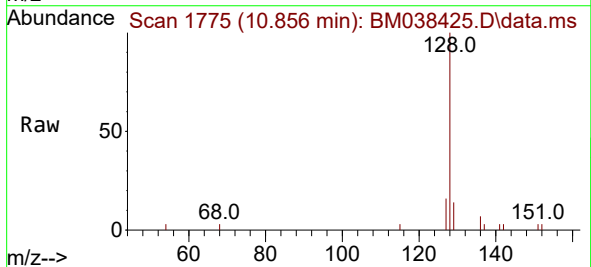
Instrument :
BNA_M
ClientSampleId :

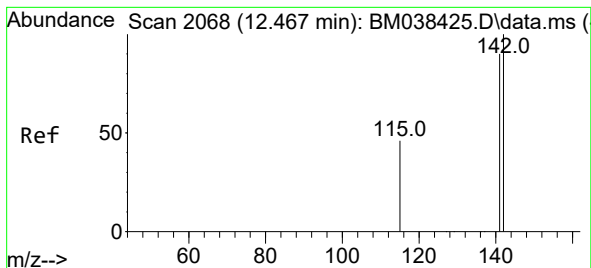
Tgt Ion: 88 Resp: 876
Ion Ratio Lower Upper
88 100
43 45.1 32.6 49.0
58 65.3 46.6 69.8



#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion: 128 Resp: 3666
Ion Ratio Lower Upper
128 100
129 14.1 10.2 15.2
127 15.7 11.4 17.2

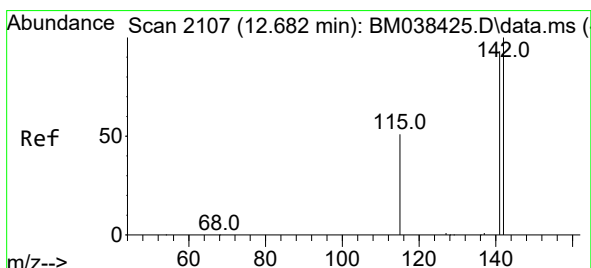
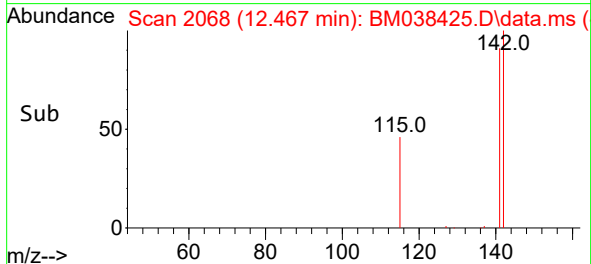
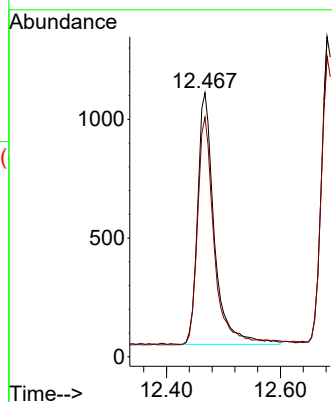
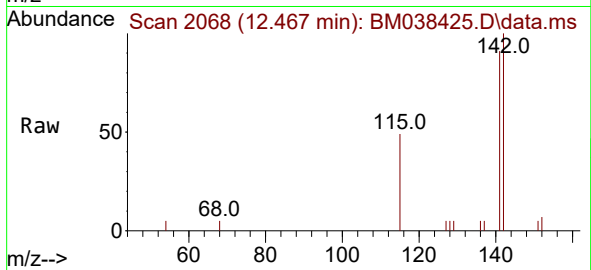




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

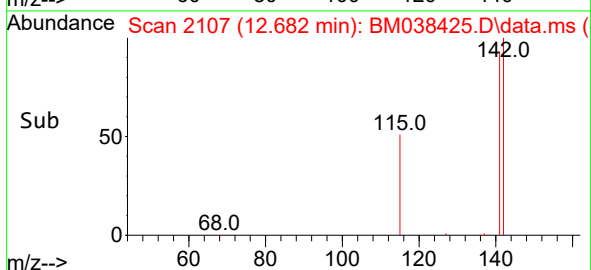
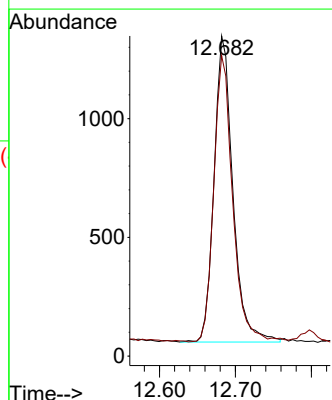
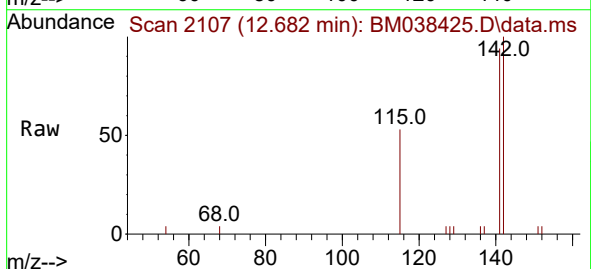
Instrument :
BNA_M
ClientSampleId :

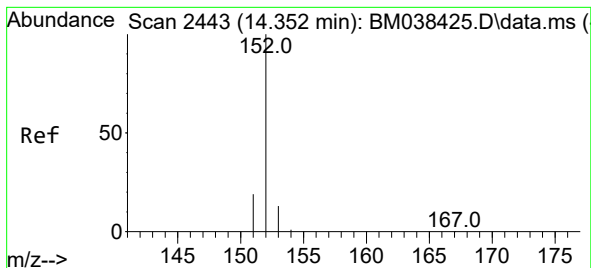
Tgt Ion:142 Resp: 2162
Ion Ratio Lower Upper
142 100
141 92.6 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion:142 Resp: 2222
Ion Ratio Lower Upper
142 100
141 93.4 73.2 109.8





#10

Acenaphthylene

Concen: 0.355 ng/ul

RT: 14.352 min Scan# 2443

Delta R.T. 0.000 min

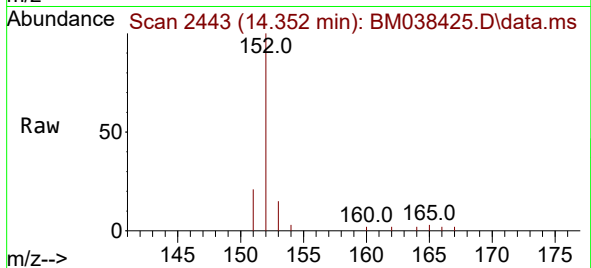
Lab File: BM038425.D

Acq: 11 Jan 2023 09:25

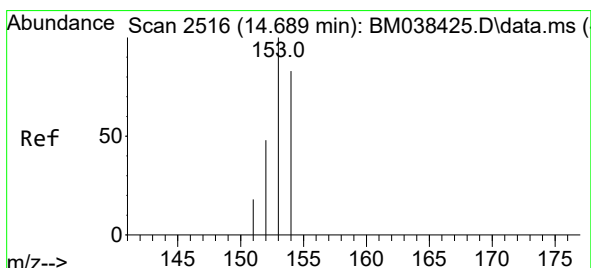
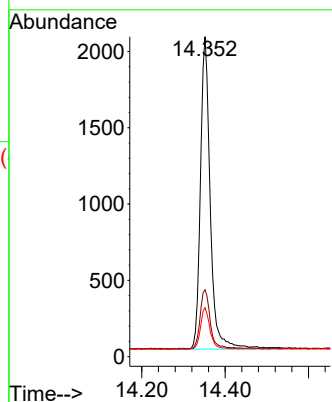
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	152	Resp:	3381
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.0	25.4
153	15.3	12.0	18.0



#11

Acenaphthene

Concen: 0.362 ng/ul

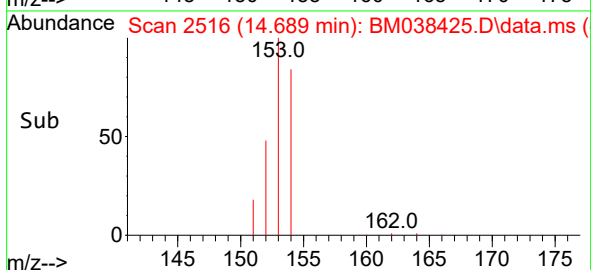
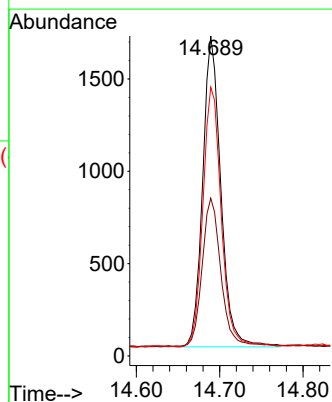
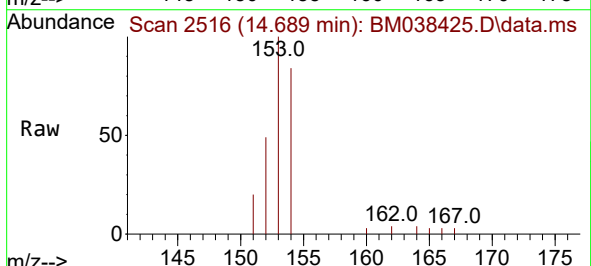
RT: 14.689 min Scan# 2516

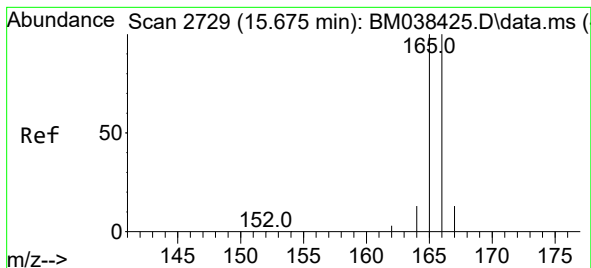
Delta R.T. 0.000 min

Lab File: BM038425.D

Acq: 11 Jan 2023 09:25

Tgt Ion:	153	Resp:	2554
Ion Ratio	Lower	Upper	
153	100		
152	49.3	38.8	58.2
154	84.0	67.3	100.9





#12

Fluorene

Concen: 0.353 ng/ul

RT: 15.675 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038425.D

Acq: 11 Jan 2023 09:25

Instrument :

BNA_M

ClientSampleId :

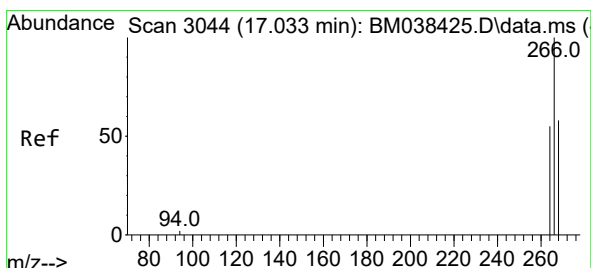
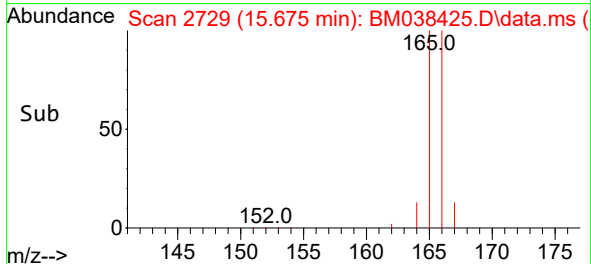
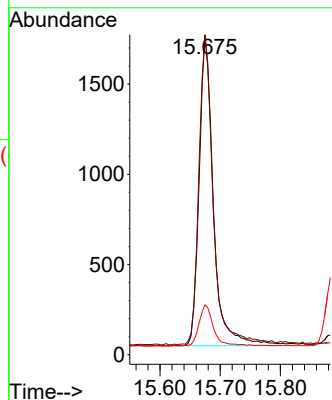
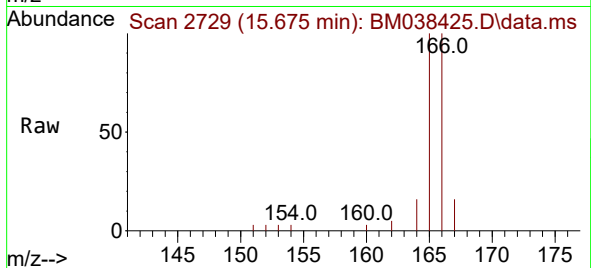
Tgt Ion:166 Resp: 2830

Ion Ratio Lower Upper

166 100

165 100.2 78.2 117.2

167 15.6 12.5 18.7



#14

Pentachlorophenol

Concen: 0.372 ng/ul

RT: 17.033 min Scan# 3044

Delta R.T. 0.000 min

Lab File: BM038425.D

Acq: 11 Jan 2023 09:25

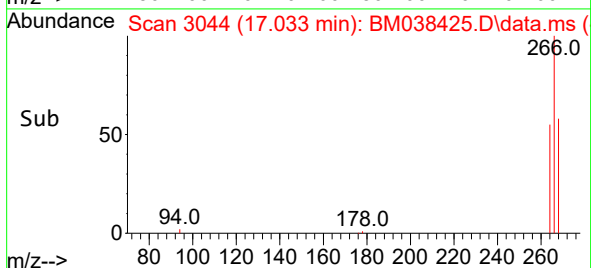
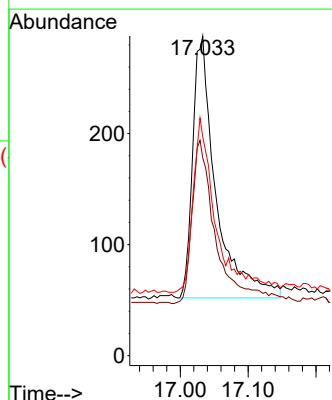
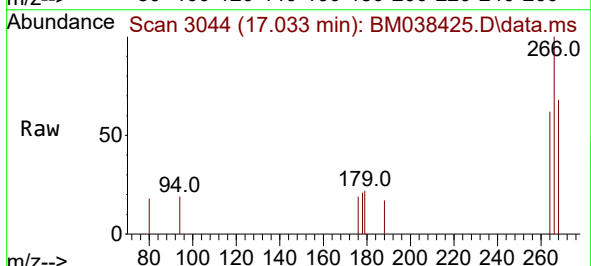
Tgt Ion:266 Resp: 562

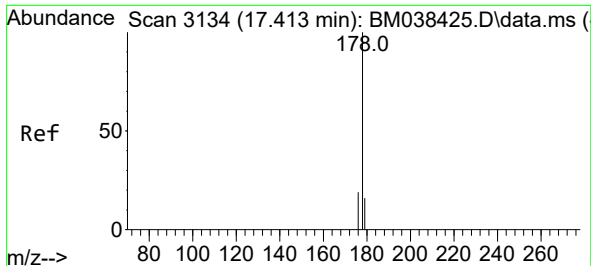
Ion Ratio Lower Upper

266 100

264 64.2 50.0 75.0

268 65.3 48.2 72.2

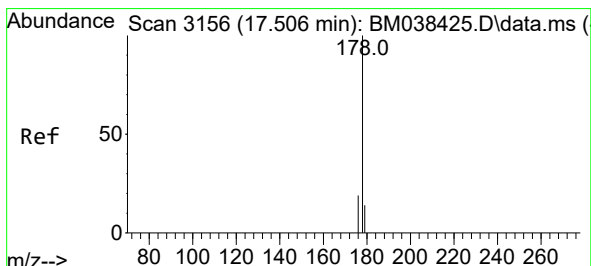
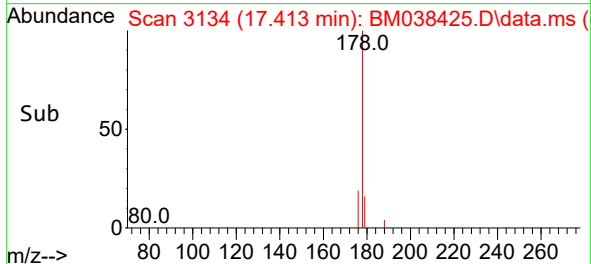
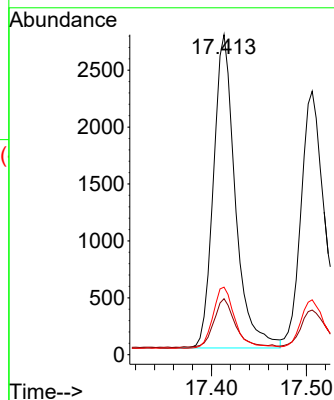
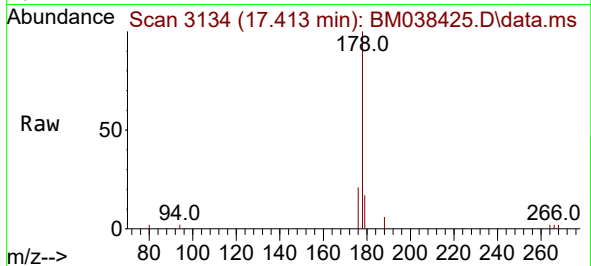




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

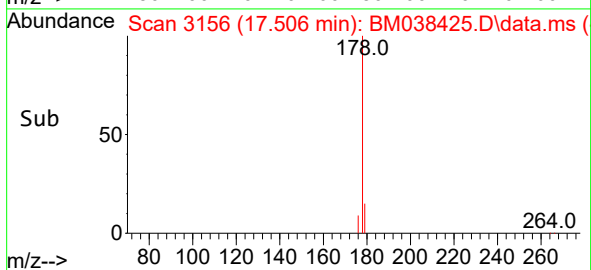
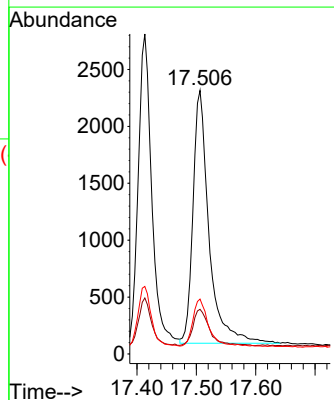
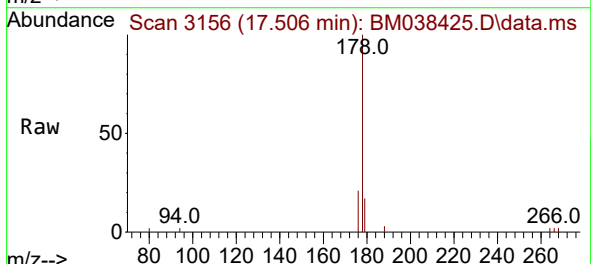
Instrument :
BNA_M
ClientSampleId :

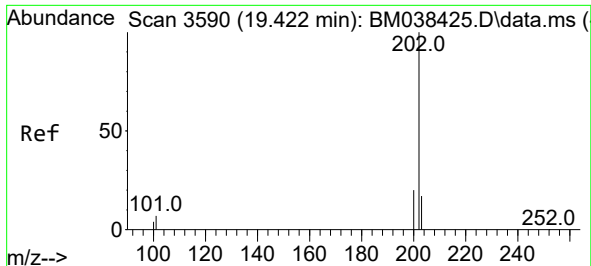
Tgt Ion:178 Resp: 4415
Ion Ratio Lower Upper
178 100
179 17.5 13.5 20.3
176 21.1 16.6 25.0



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion:178 Resp: 4166
Ion Ratio Lower Upper
178 100
179 16.9 14.2 21.2
176 20.9 15.8 23.8

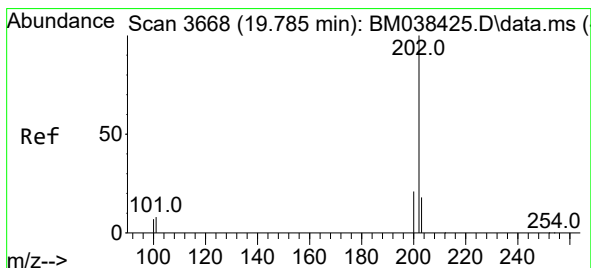
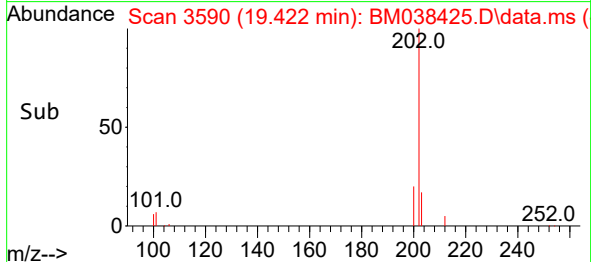
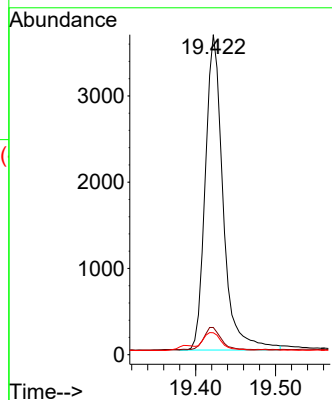
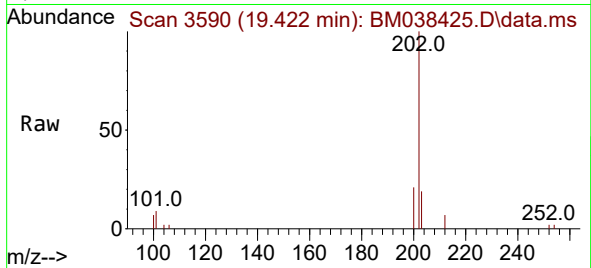




#19
Fluoranthene
Concen: 0.362 ng/u1
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

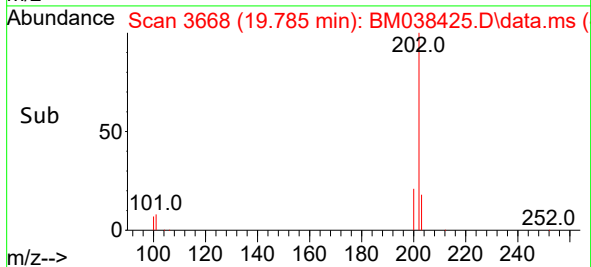
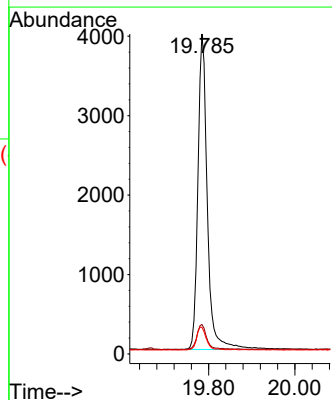
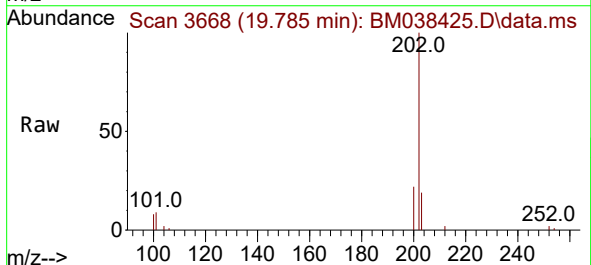
Instrument :
BNA_M
ClientSampleId :

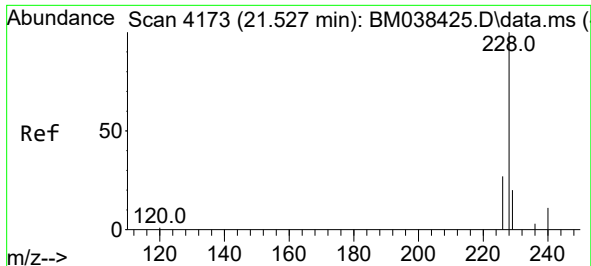
Tgt Ion:202 Resp: 5650
Ion Ratio Lower Upper
202 100
101 8.5 6.6 10.0
100 6.9 5.4 8.2



#20
Pyrene
Concen: 0.361 ng/u1
RT: 19.785 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion:202 Resp: 6036
Ion Ratio Lower Upper
202 100
101 9.2 7.8 11.6
100 8.3 6.5 9.7

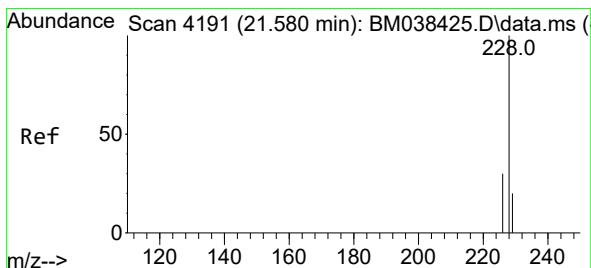
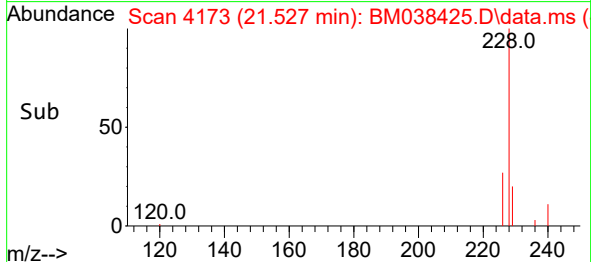
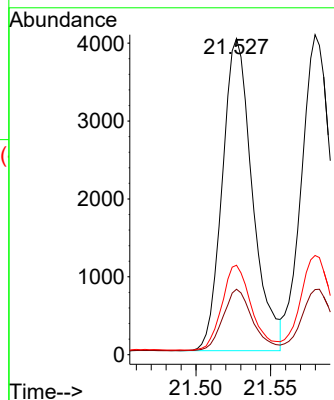
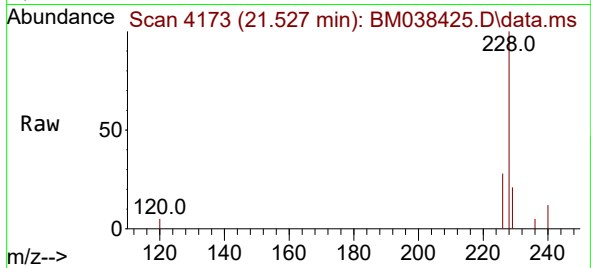




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

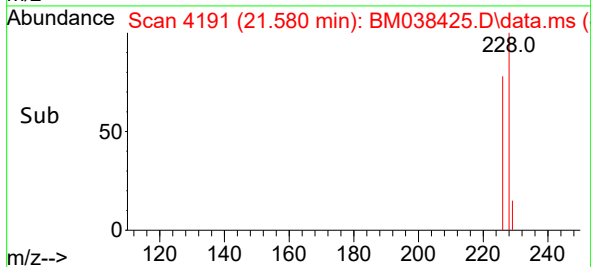
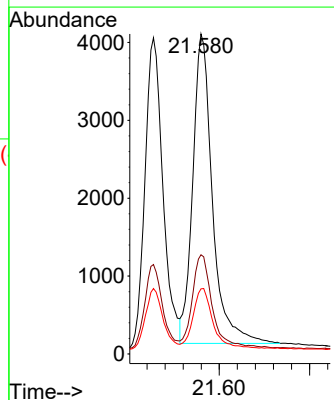
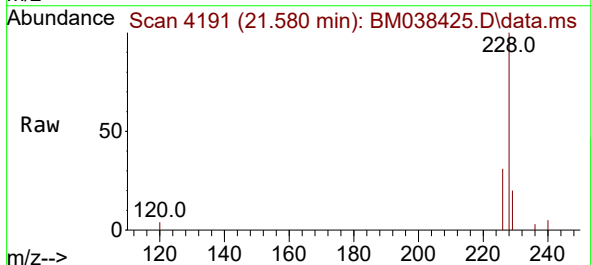
Instrument :
BNA_M
ClientSampleId :

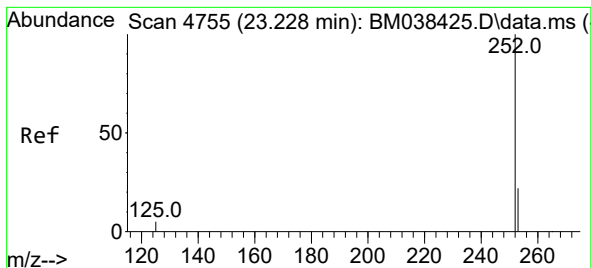
Tgt Ion:228 Resp: 5630
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 28.3 22.2 33.2



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion:228 Resp: 6007
Ion Ratio Lower Upper
228 100
226 31.0 25.3 37.9
229 20.4 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.376 ng/ul

RT: 23.228 min Scan# 4755

Delta R.T. 0.000 min

Lab File: BM038425.D

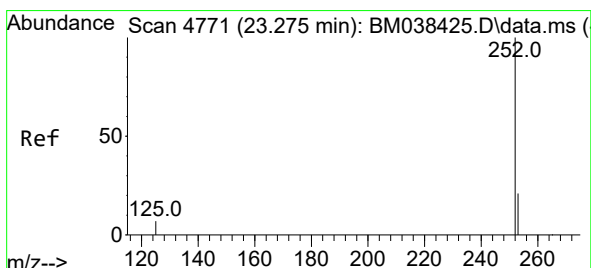
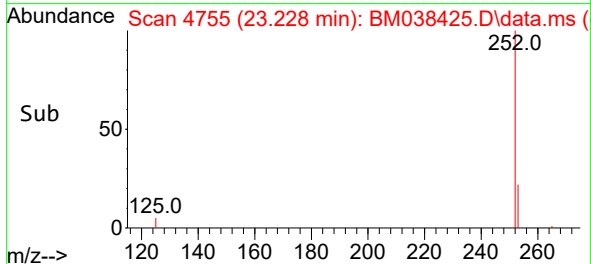
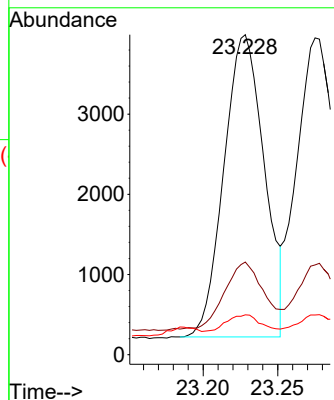
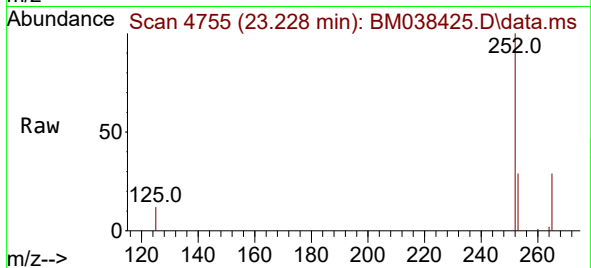
Acq: 11 Jan 2023 09:25

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	7095
Ion Ratio	Lower	Upper
252	100	
253	29.0	0.0 60.4
125	12.5	0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.376 ng/ul

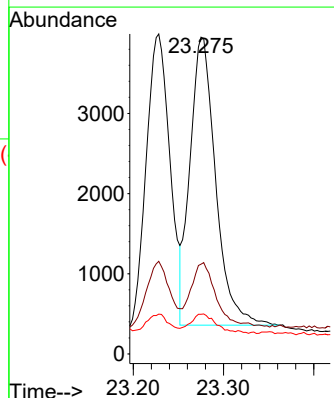
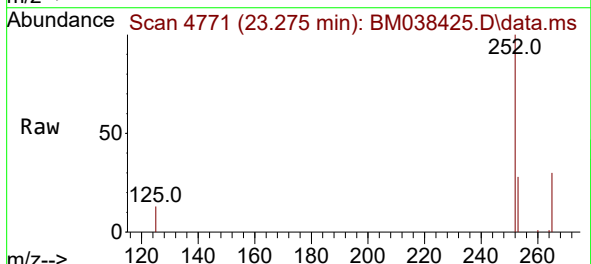
RT: 23.275 min Scan# 4771

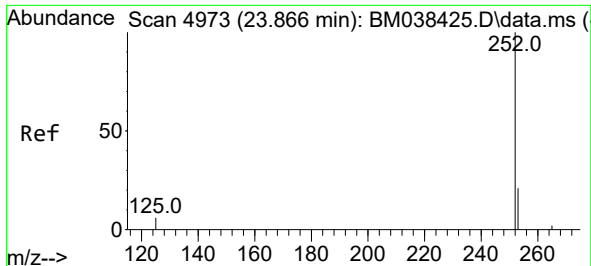
Delta R.T. 0.000 min

Lab File: BM038425.D

Acq: 11 Jan 2023 09:25

Tgt Ion:252	Resp:	7080
Ion Ratio	Lower	Upper
252	100	
253	28.3	24.4 36.6
125	12.5	10.7 16.1

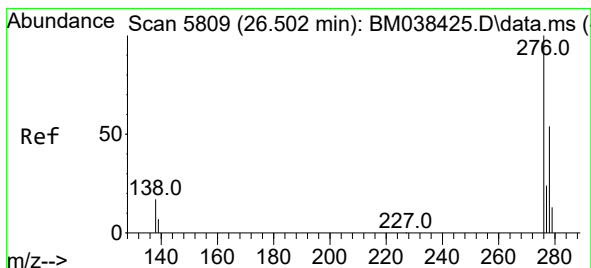
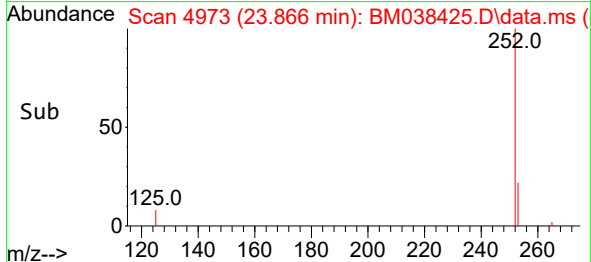
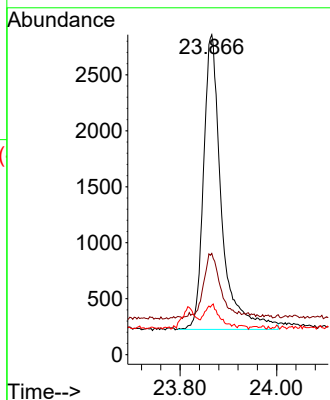
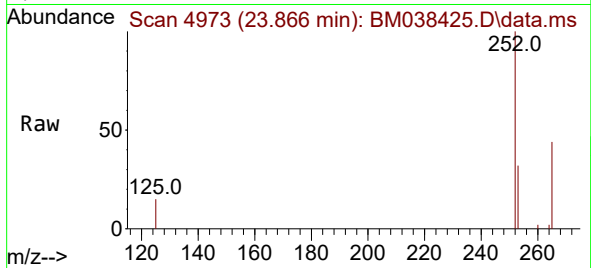




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.866 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

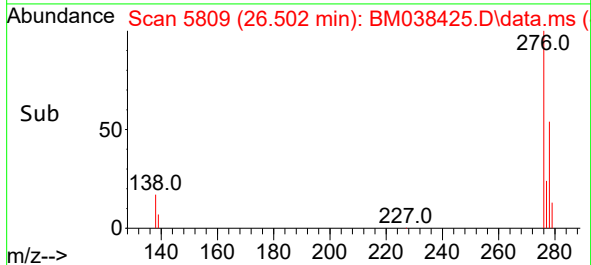
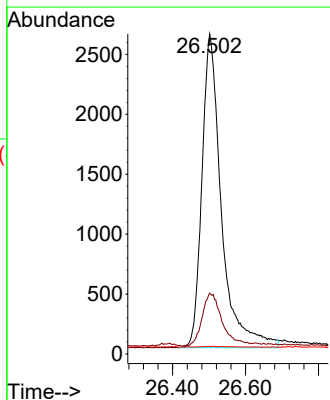
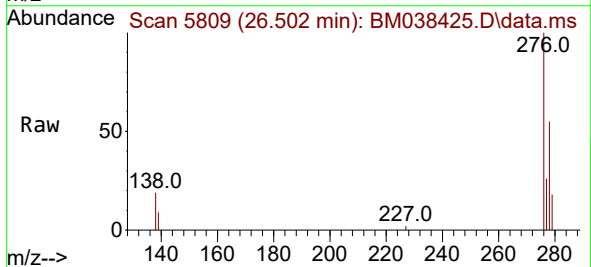
Instrument :
BNA_M
ClientSampleId :

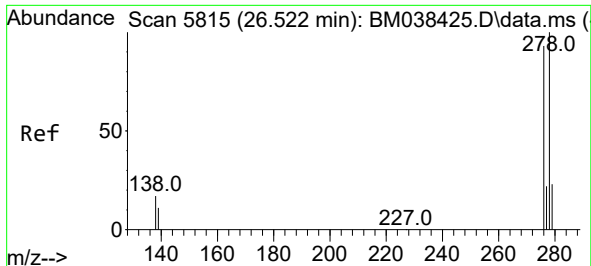
Tgt Ion:252 Resp: 6774
Ion Ratio Lower Upper
252 100
253 31.7 27.4 41.2
125 15.4 13.8 20.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.502 min Scan# 5809
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion:276 Resp: 9735
Ion Ratio Lower Upper
276 100
138 17.9 14.1 21.1
227 0.0 0.1 0.1#

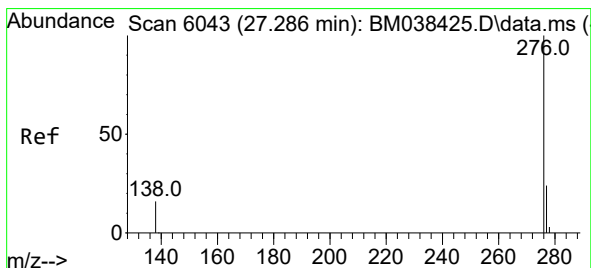
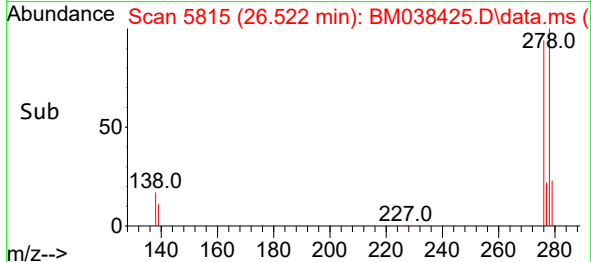
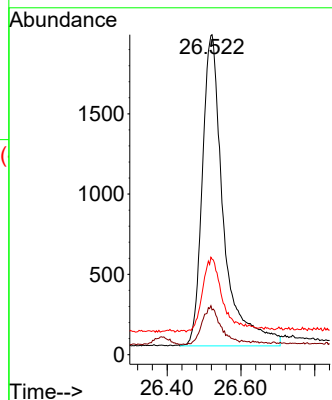
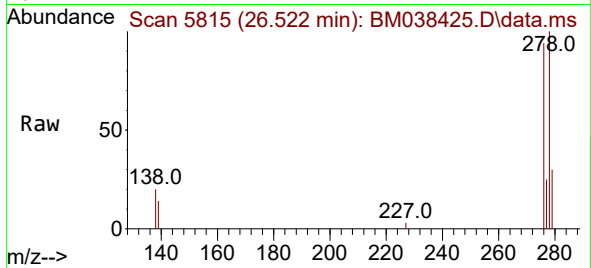




#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 7702
Ion Ratio Lower Upper
278 100
139 14.0 11.4 17.0
279 29.9 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 27.286 min Scan# 6043
Delta R.T. 0.000 min
Lab File: BM038425.D
Acq: 11 Jan 2023 09:25

Tgt Ion:276 Resp: 8559
Ion Ratio Lower Upper
276 100
138 18.2 14.4 21.6
277 26.2 20.7 31.1

