

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013124\
 Data File : BM043936.D
 Acq On : 31 Jan 2024 15:21
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV007

Quant Time: Jan 31 22:50:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 22:50:05 2024
 Response via : Initial Calibration

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

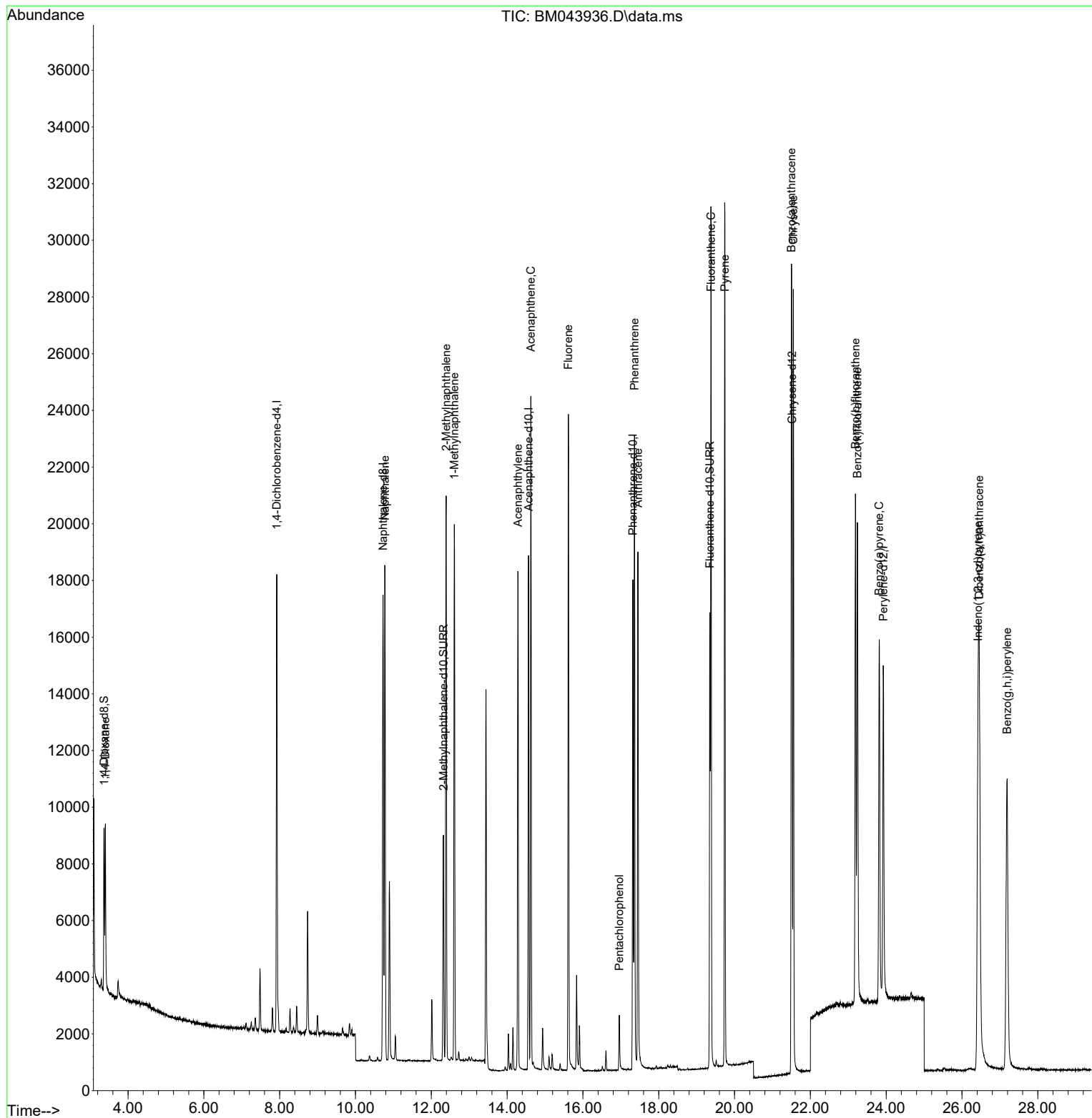
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	8062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	21870	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.567	164	9965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	20977	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	15104	0.400	ng/ul	0.00
23) Perylene-d12	23.925	264	16934	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	3956	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	10434	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	17581	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	3742	0.344	ng/ul	99
5) Naphthalene	10.776	128	23554	0.376	ng/ul	100
7) 2-Methylnaphthalene	12.393	142	14169	0.379	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	13191	0.356	ng/ul	100
10) Acenaphthylene	14.284	152	20317	0.376	ng/ul	99
11) Acenaphthene	14.627	153	13648	0.365	ng/ul	100
12) Fluorene	15.617	166	15305	0.372	ng/ul	99
14) Pentachlorophenol	16.959	266	1464	0.295	ng/ul	96
15) Phenanthrene	17.360	178	23712	0.371	ng/ul	99
16) Anthracene	17.453	178	22015	0.363	ng/ul	99
19) Fluoranthene	19.378	202	26054	0.375	ng/ul	98
20) Pyrene	19.745	202	26741	0.374	ng/ul	100
21) Benzo(a)anthracene	21.499	228	22919	0.363	ng/ul	99
22) Chrysene	21.551	228	25218	0.382	ng/ul	99
24) Benzo(b)fluoranthene	23.191	252	24297	0.375	ng/ul	99
25) Benzo(k)fluoranthene	23.241	252	24928	0.370	ng/ul	99
26) Benzo(a)pyrene	23.817	252	21904	0.371	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.422	276	29311	0.386	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.456	278	22808	0.376	ng/ul	99
29) Benzo(g,h,i)perylene	27.190	276	24807	0.378	ng/ul	98

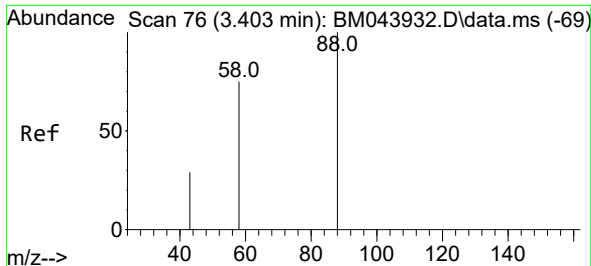
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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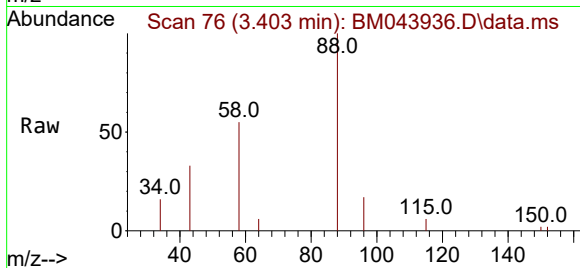
Quant Time: Jan 31 22:50:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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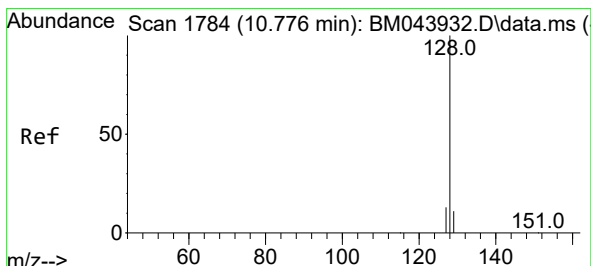
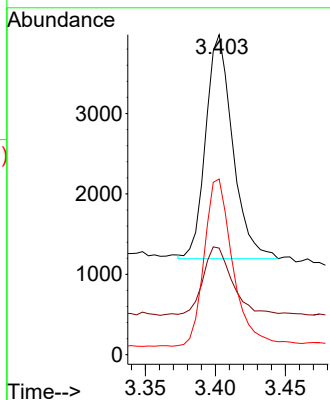
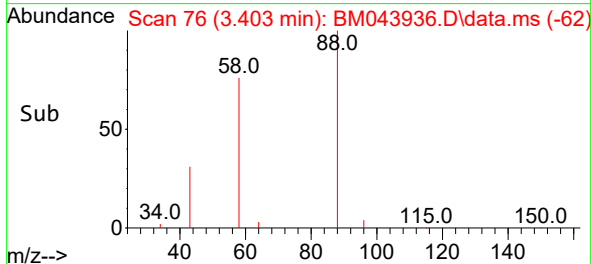


#2
1,4-Dioxane
Concen: 0.344 ng/ul
RT: 3.403 min Scan# 76
Delta R.T. -0.000 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Instrument :
BNA_M
ClientSampleId :
SICV007

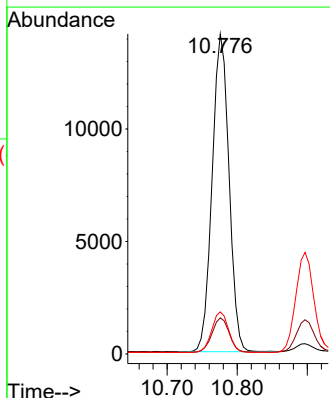
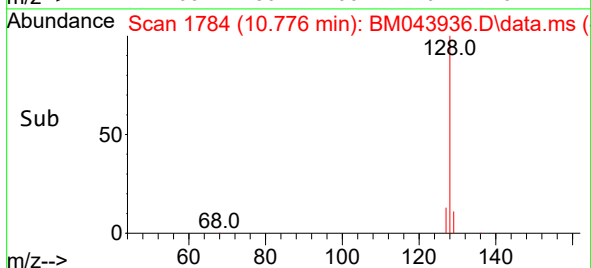
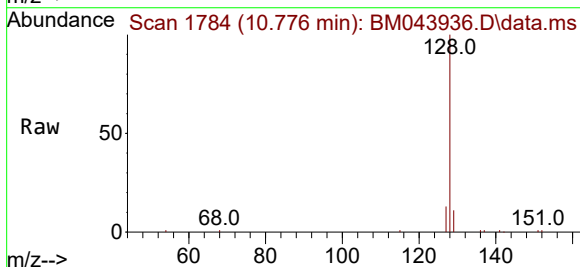


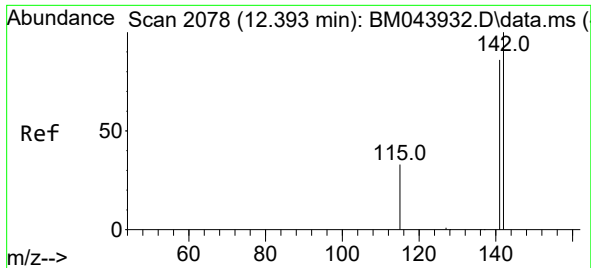
Tgt Ion: 88	Resp:	3742
Ion	Ratio	Lower Upper
88	100	
43	33.3	27.1 40.7
58	54.9	44.6 67.0



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion: 128	Resp:	23554
Ion	Ratio	Lower Upper
128	100	
129	11.3	9.1 13.7
127	13.1	10.3 15.5

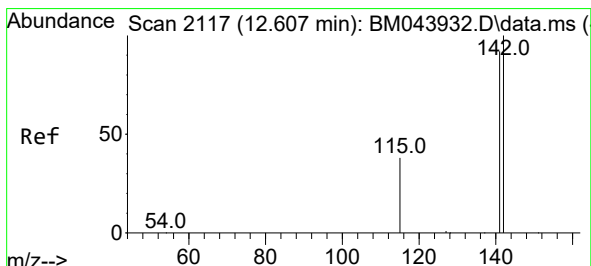
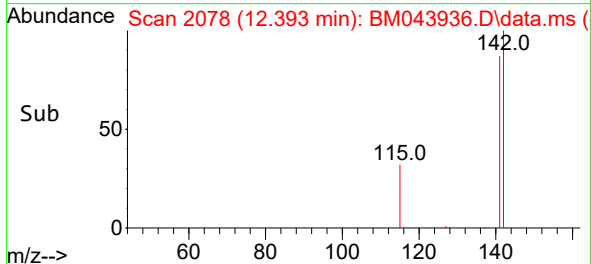
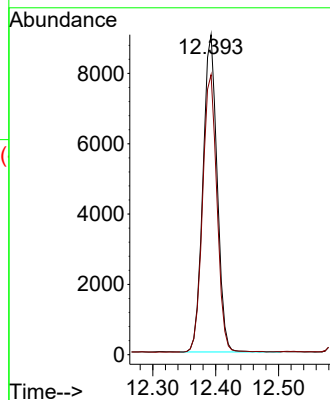
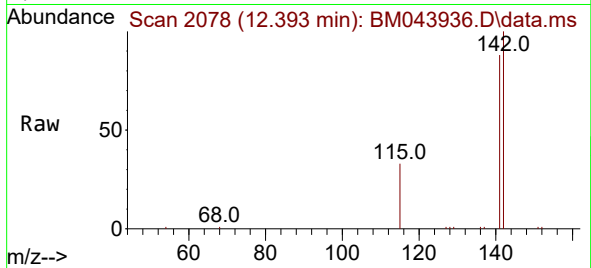




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

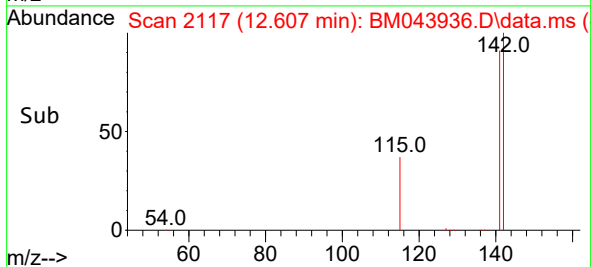
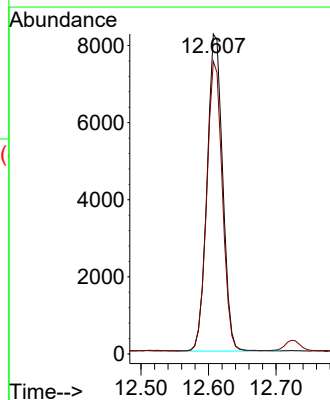
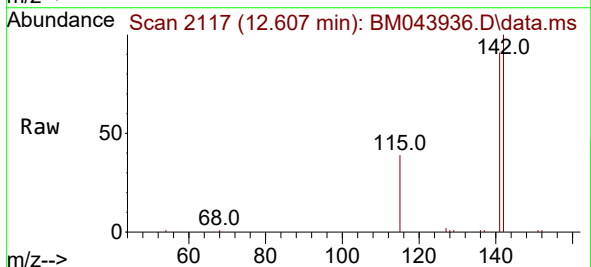
Instrument :
BNA_M
ClientSampleId :
SICV007

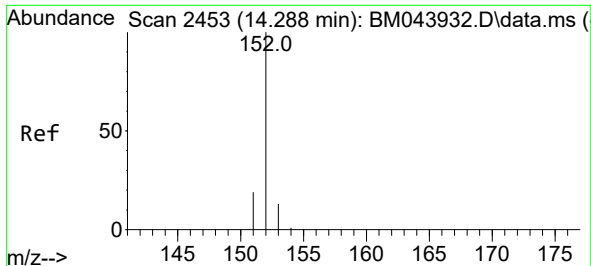
Tgt Ion:142 Resp: 14169
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion:142 Resp: 13191
Ion Ratio Lower Upper
142 100
141 91.4 72.9 109.3

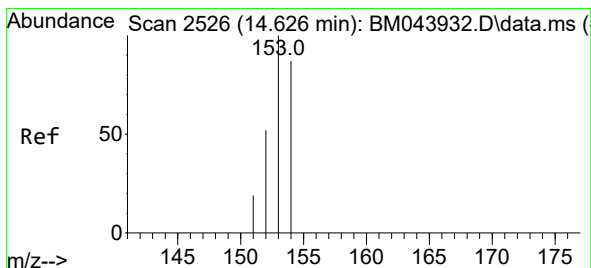
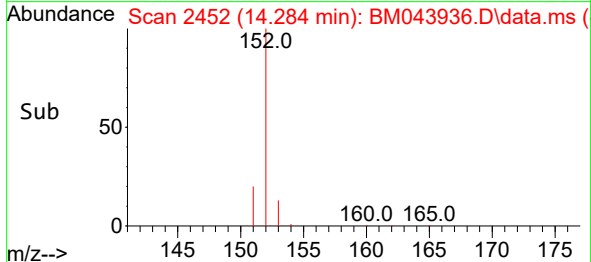
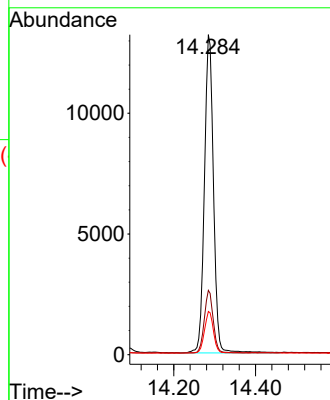
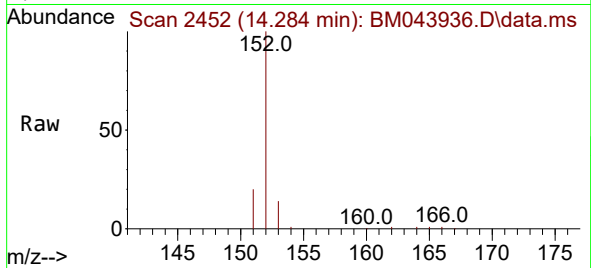




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.284 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

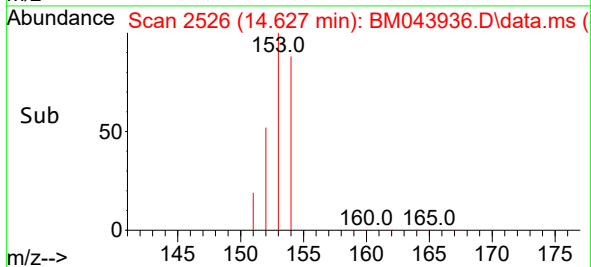
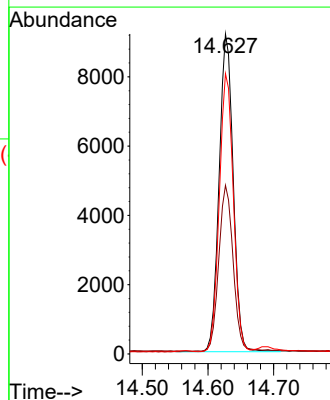
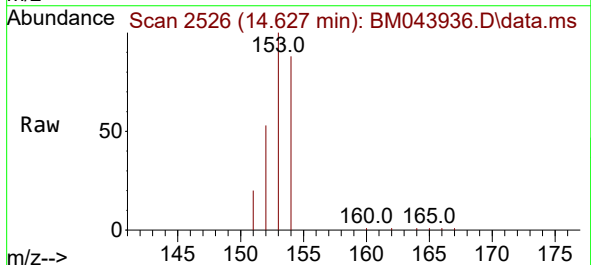
Instrument :
BNA_M
ClientSampleId :
SICV007

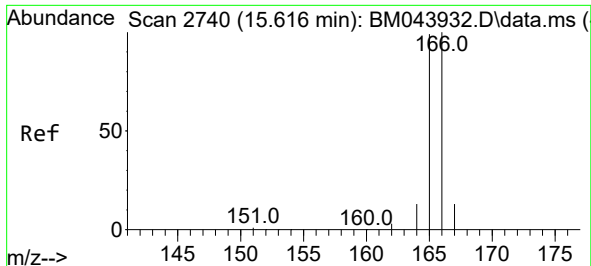
Tgt Ion:152 Resp: 20317
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.627 min Scan# 2526
Delta R.T. 0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion:153 Resp: 13648
Ion Ratio Lower Upper
153 100
152 52.7 41.8 62.8
154 87.6 69.8 104.8

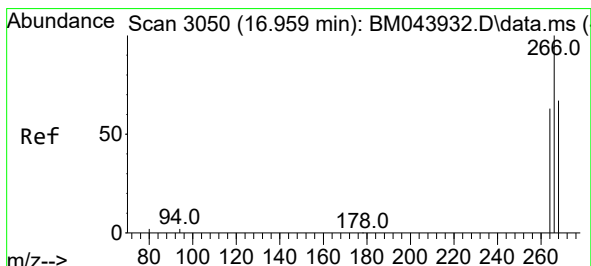
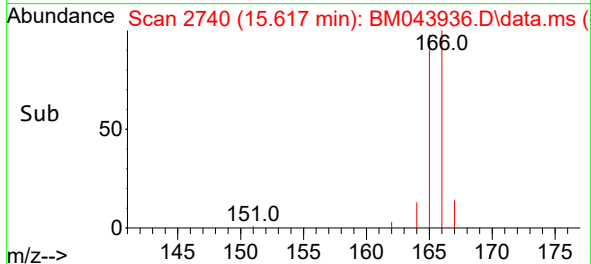
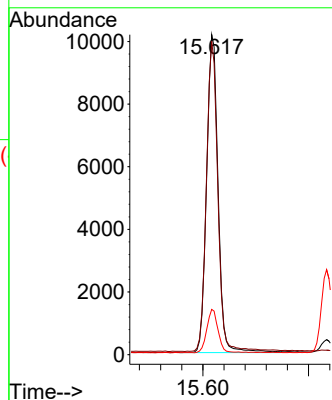
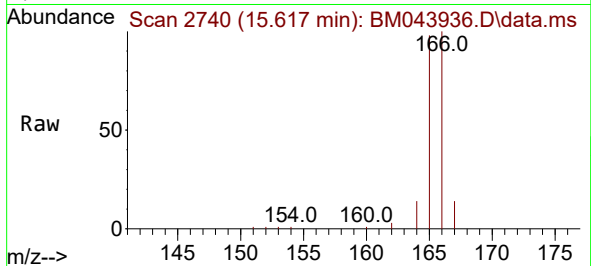




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.617 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM043936.D
 Acq: 31 Jan 2024 15:21

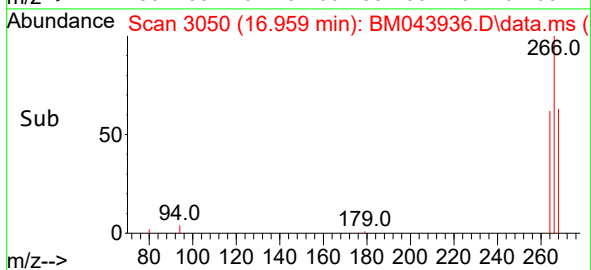
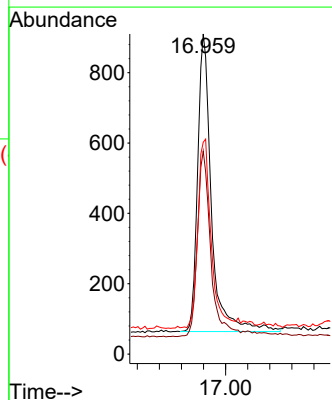
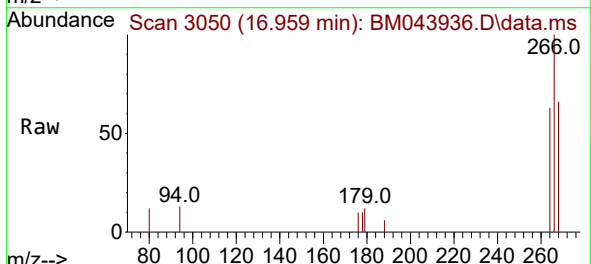
Instrument :
 BNA_M
 ClientSampleId :
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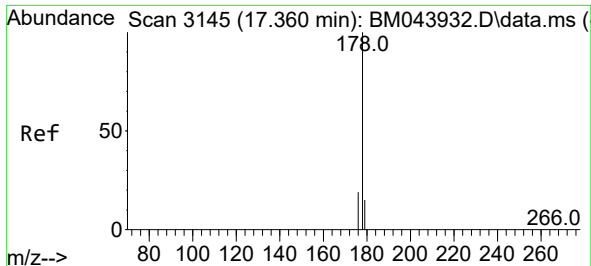
Tgt Ion:166 Resp: 15305
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.5 119.3
 167 14.1 10.9 16.3



#14
 Pentachlorophenol
 Concen: 0.295 ng/ul
 RT: 16.959 min Scan# 3050
 Delta R.T. 0.001 min
 Lab File: BM043936.D
 Acq: 31 Jan 2024 15:21

Tgt Ion:266 Resp: 1464
 Ion Ratio Lower Upper
 266 100
 264 63.3 51.3 76.9
 268 62.4 54.7 82.1

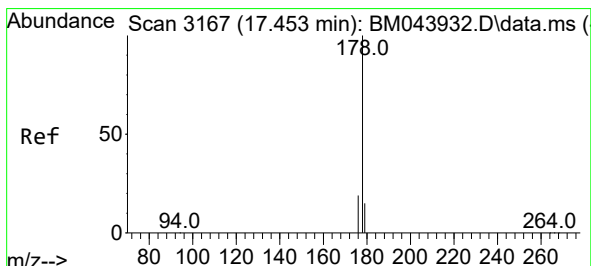
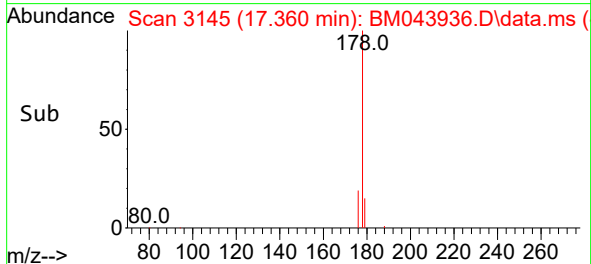
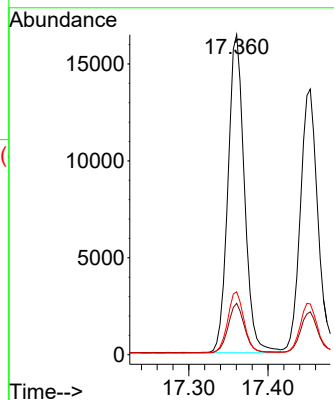
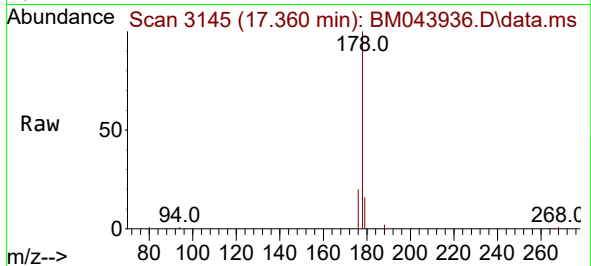




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

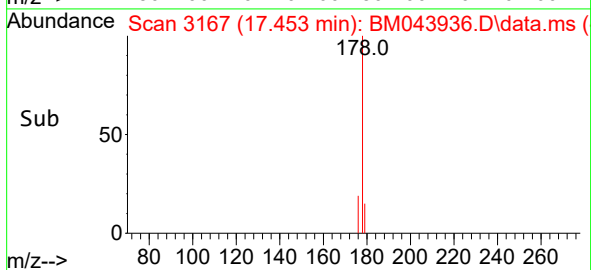
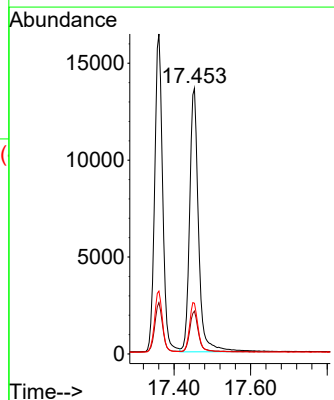
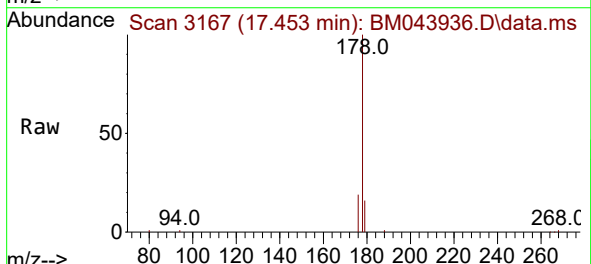
Instrument :
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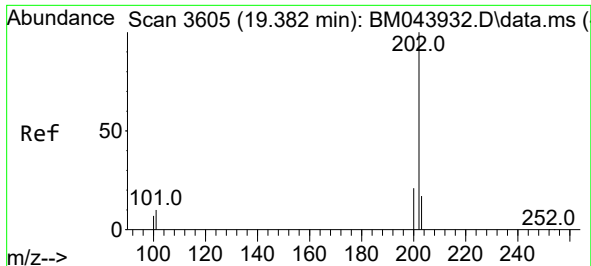
Tgt Ion:178 Resp: 23712
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.453 min Scan# 3167
Delta R.T. 0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion:178 Resp: 22015
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.1 15.4 23.0

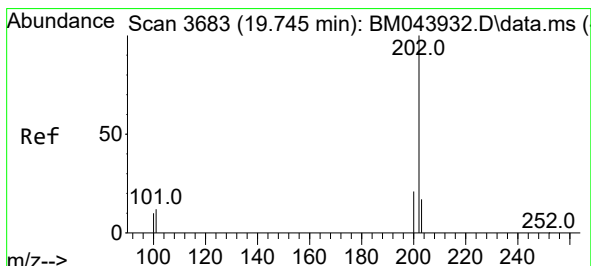
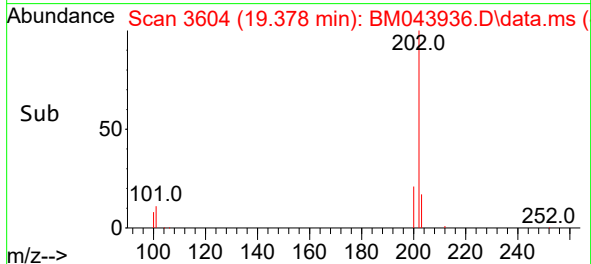
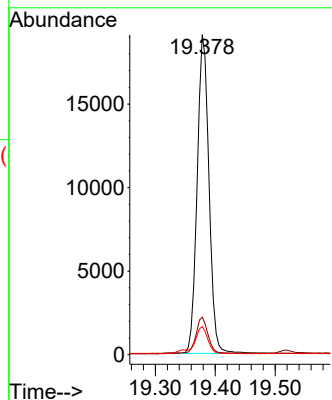
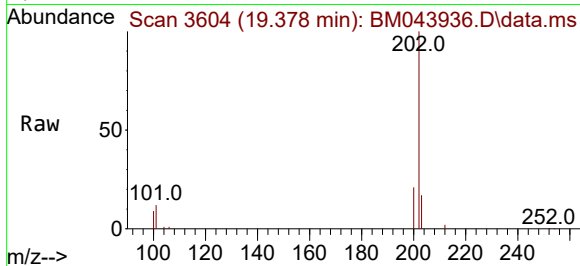




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.004 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

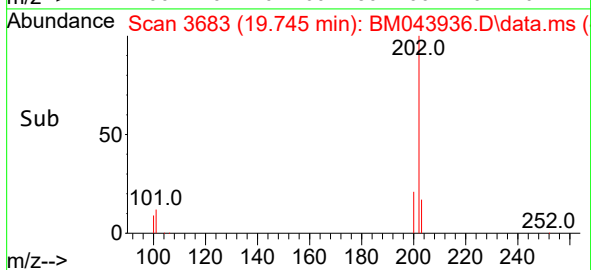
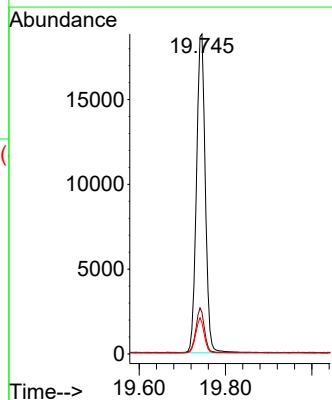
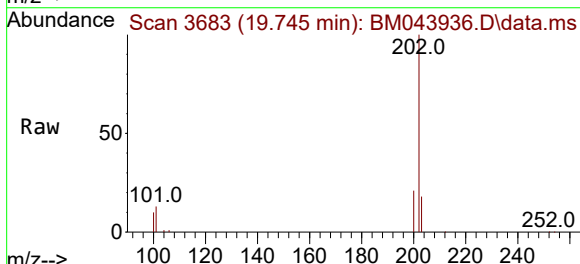
Instrument :
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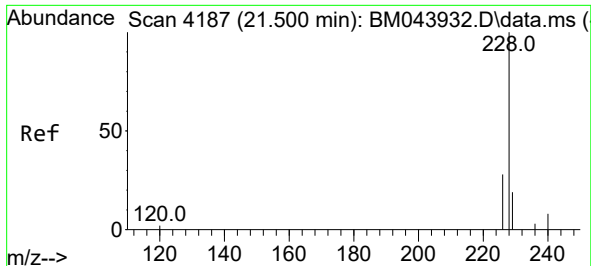
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.6	13.0
100	8.8	6.4	9.6



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.745 min Scan# 3683
Delta R.T. 0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.3	15.5
100	9.8	8.1	12.1

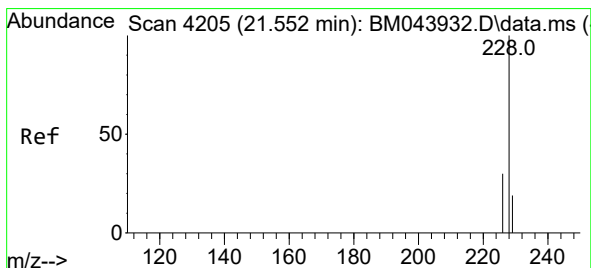
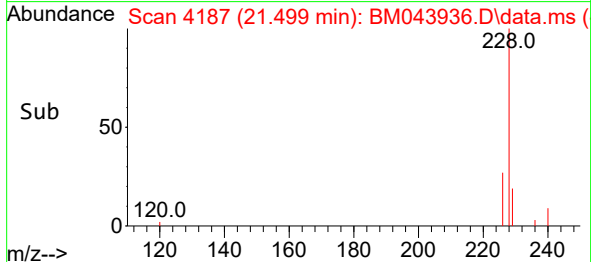
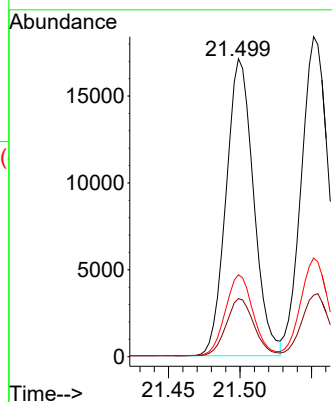
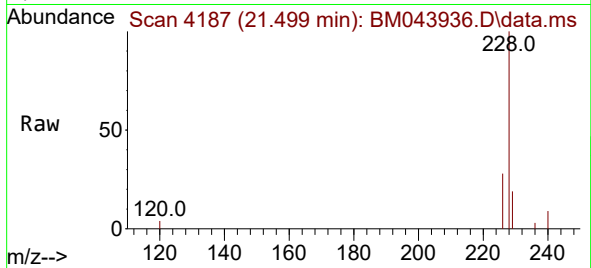




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.499 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

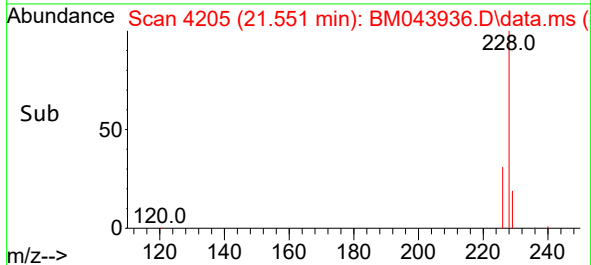
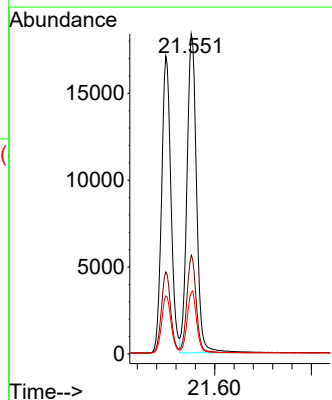
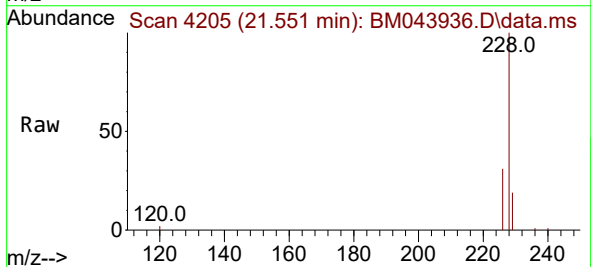
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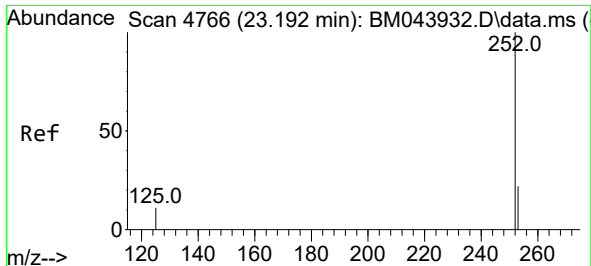
Tgt Ion:	228	Resp:	22919
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.5	23.3
226	27.5	22.3	33.5



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.551 min Scan# 4205
Delta R.T. -0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion:	228	Resp:	25218
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.4	36.6
229	19.2	15.5	23.3

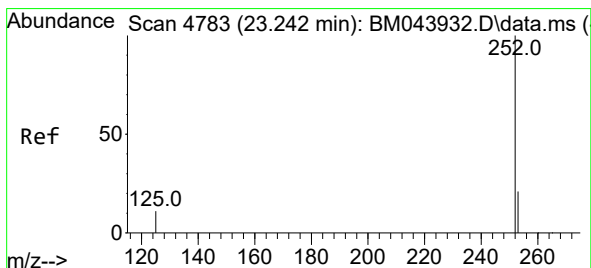
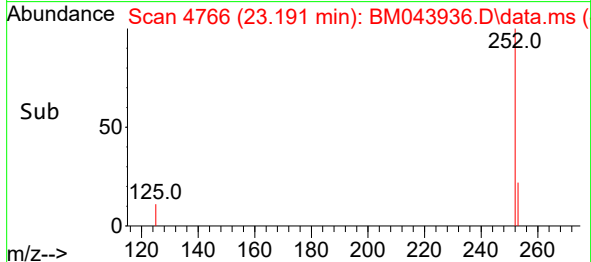
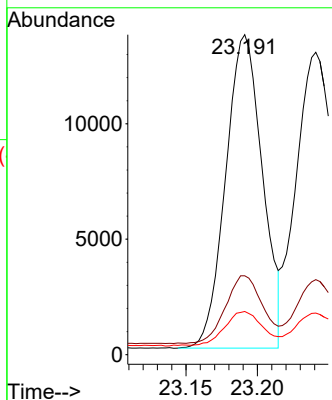
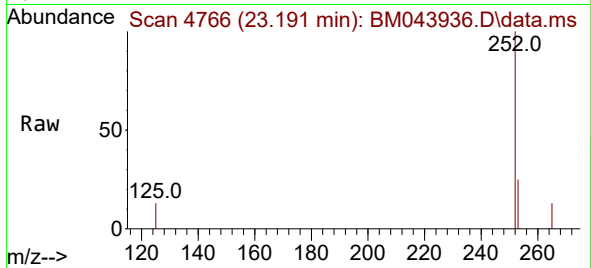




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.191 min Scan# 4766
Delta R.T. -0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

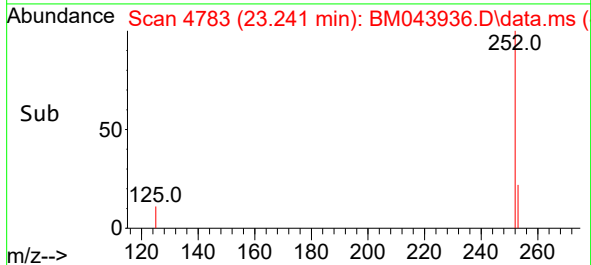
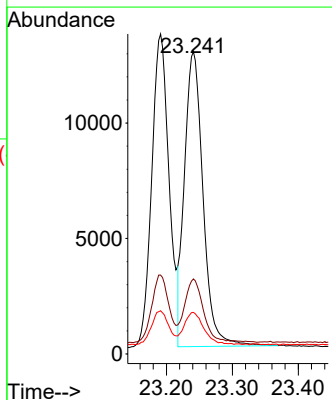
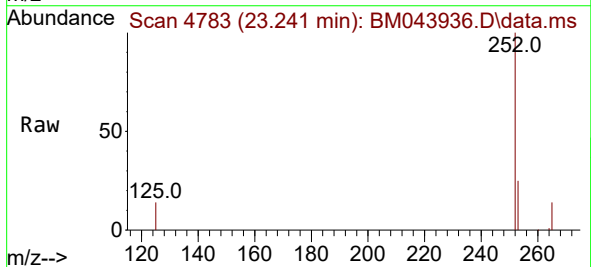
Instrument :
BNA_M
ClientSampleId :
SICV007

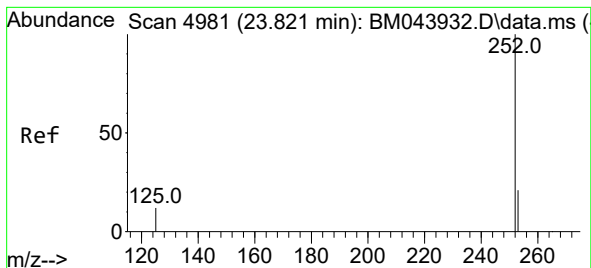
Tgt Ion:252 Resp: 24297
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.0
125 13.5 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.241 min Scan# 4783
Delta R.T. -0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion:252 Resp: 24928
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 13.7 10.6 16.0





#26

Benzo(a)pyrene

Concen: 0.371 ng/ul

RT: 23.817 min Scan# 4981

Delta R.T. -0.004 min

Lab File: BM043936.D

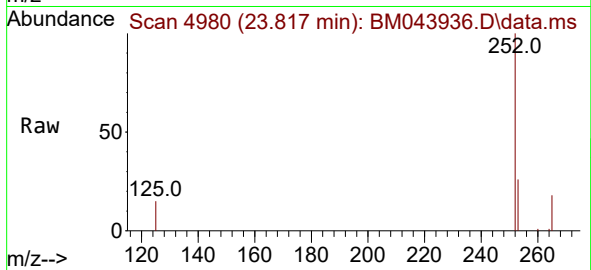
Acq: 31 Jan 2024 15:21

Instrument :

BNA_M

ClientSampleId :

SICV007



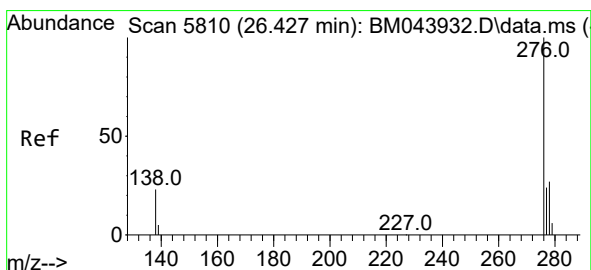
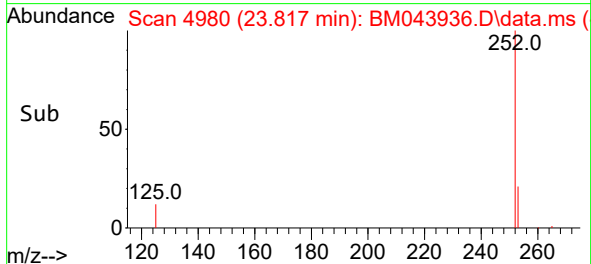
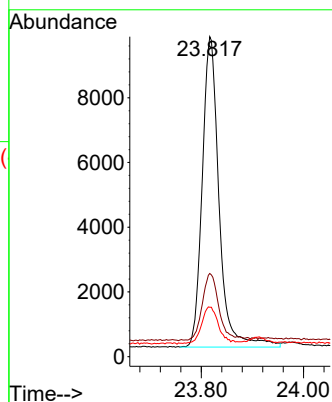
Tgt Ion:252 Resp: 21904

Ion Ratio Lower Upper

252 100

253 26.0 20.6 31.0

125 15.5 12.6 18.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.386 ng/ul

RT: 26.422 min Scan# 5809

Delta R.T. -0.004 min

Lab File: BM043936.D

Acq: 31 Jan 2024 15:21

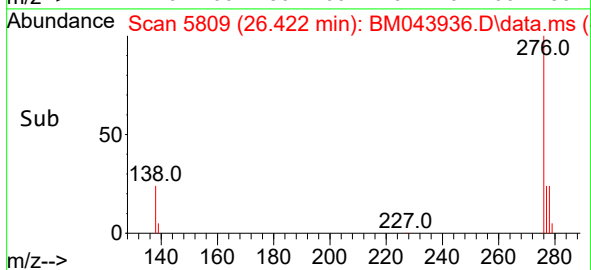
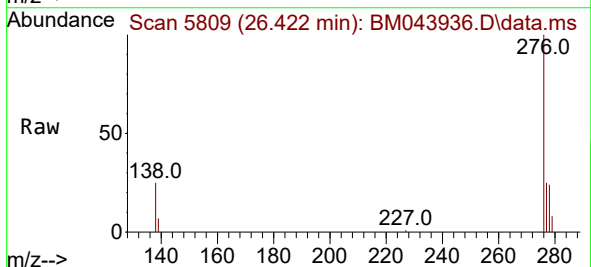
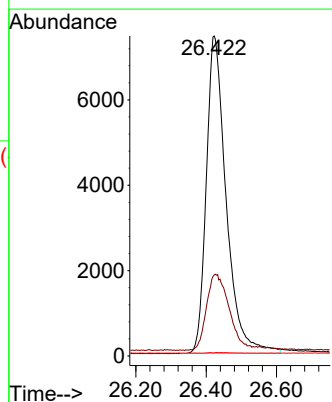
Tgt Ion:276 Resp: 29311

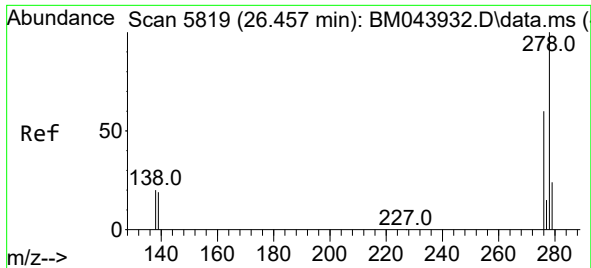
Ion Ratio Lower Upper

276 100

138 28.3 22.2 33.2

227 0.2 0.0 0.0#

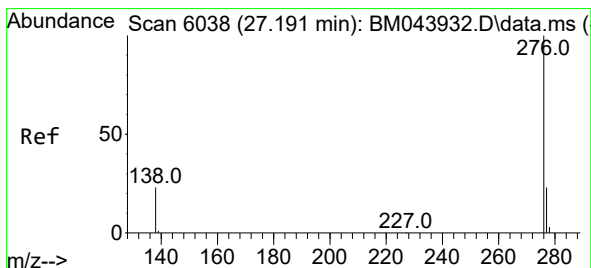
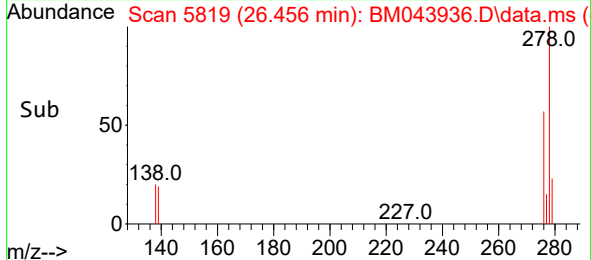
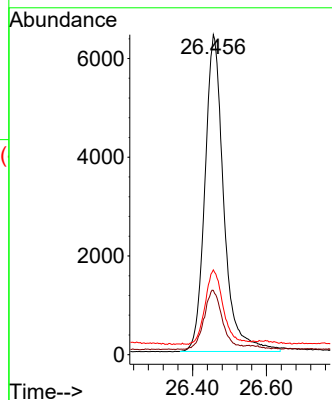
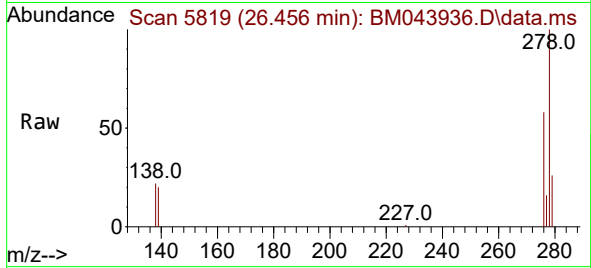




#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 26.456 min Scan# 5819
Delta R.T. -0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Instrument :
BNA_M
ClientSampleId :
SICV007

Tgt Ion:278 Resp: 22808
Ion Ratio Lower Upper
278 100
139 20.1 16.2 24.2
279 26.5 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 27.190 min Scan# 6038
Delta R.T. -0.001 min
Lab File: BM043936.D
Acq: 31 Jan 2024 15:21

Tgt Ion:276 Resp: 24807
Ion Ratio Lower Upper
276 100
138 25.8 20.2 30.2
277 24.6 19.0 28.4

