

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040241.D
 Acq On : 14 Jun 2023 17:36
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV021

Quant Time: Jun 15 00:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

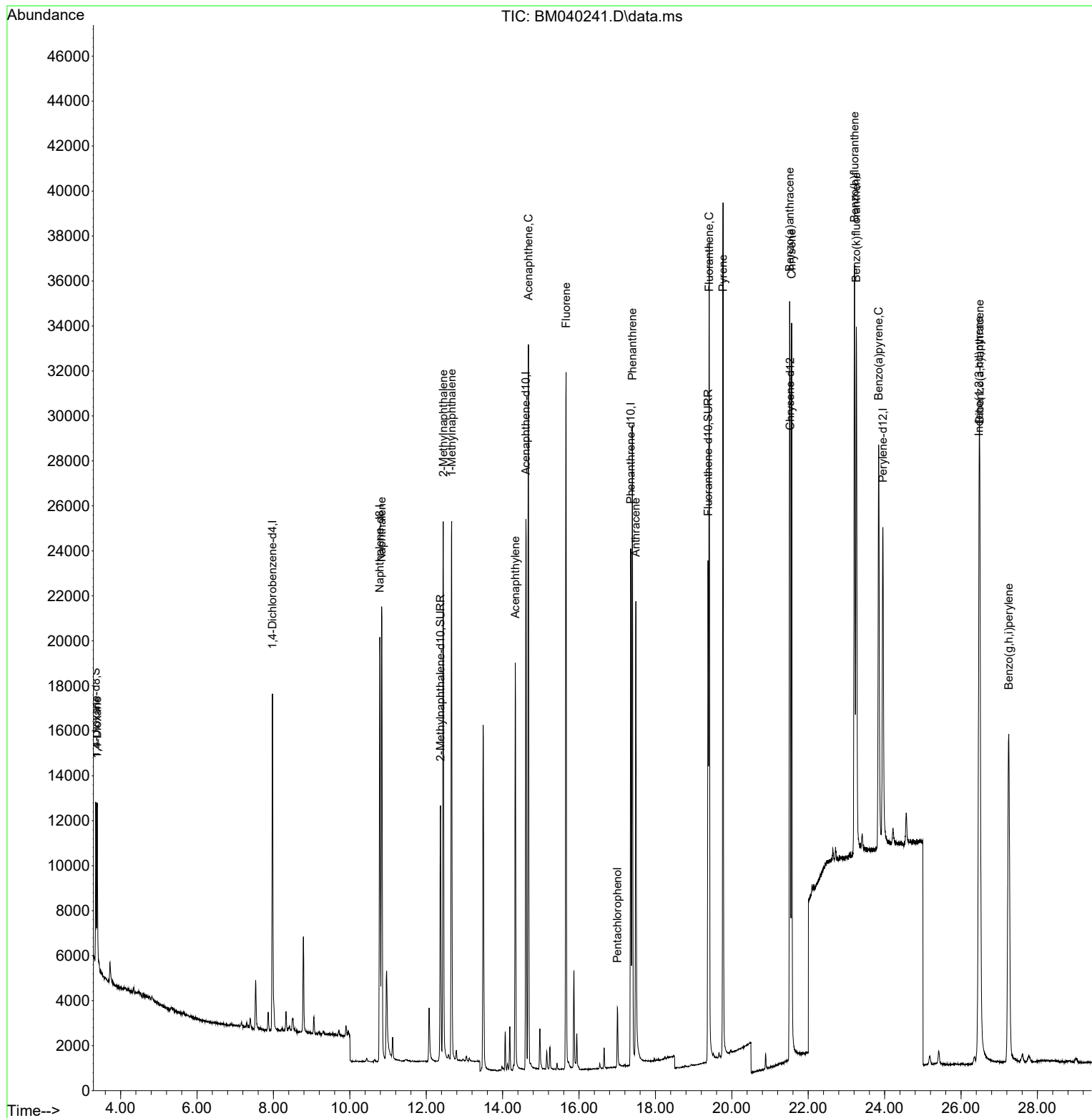
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	7811	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	26672	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	13445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	26414	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	20047	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	21162	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	4474	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	15673	0.463	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	24891	0.498	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.388	88	4386	0.433	ng/ul	97
5) Naphthalene	10.833	128	28160	0.446	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	17797	0.453	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	16682	0.406	ng/ul	100
10) Acenaphthylene	14.332	152	20318	0.432	ng/ul	99
11) Acenaphthene	14.674	153	18124	0.450	ng/ul	99
12) Fluorene	15.660	166	19680	0.438	ng/ul	99
14) Pentachlorophenol	17.003	266	1964	0.364	ng/ul	99
15) Phenanthrene	17.396	178	29937	0.431	ng/ul	100
16) Anthracene	17.488	178	24472	0.416	ng/ul	100
19) Fluoranthene	19.407	202	30427	0.446	ng/ul	100
20) Pyrene	19.770	202	31783	0.448	ng/ul	99
21) Benzo(a)anthracene	21.512	228	26267	0.444	ng/ul	99
22) Chrysene	21.564	228	28785	0.461	ng/ul	100
24) Benzo(b)fluoranthene	23.213	252	34016	0.436	ng/ul	96
25) Benzo(k)fluoranthene	23.260	252	32232	0.439	ng/ul	98
26) Benzo(a)pyrene	23.844	252	28112	0.439	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.471	276	39950	0.493	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.491	278	32202	0.495	ng/ul	99
29) Benzo(g,h,i)perylene	27.249	276	33628	0.497	ng/ul	99

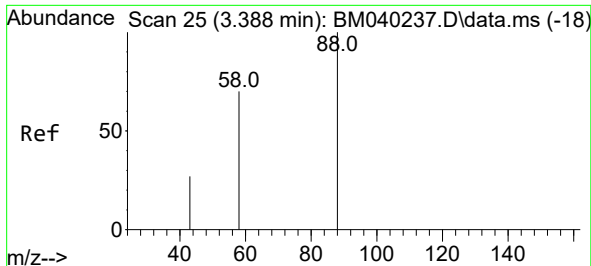
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
Data File : BM040241.D
Acq On : 14 Jun 2023 17:36
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV021

Quant Time: Jun 15 00:32:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

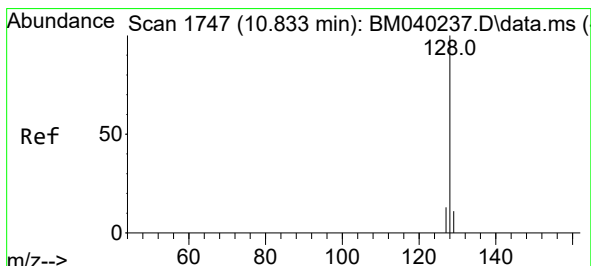
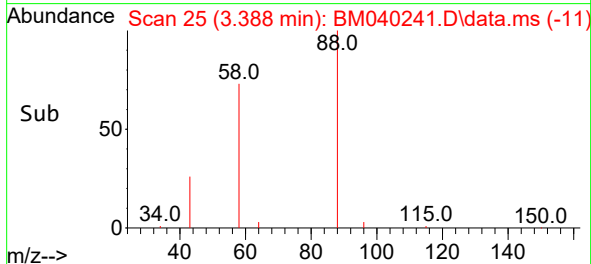
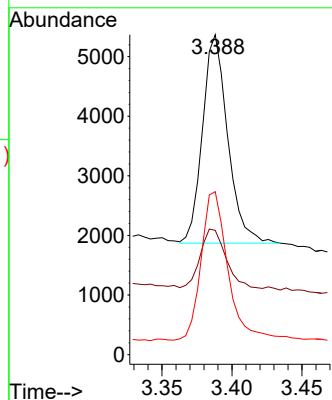
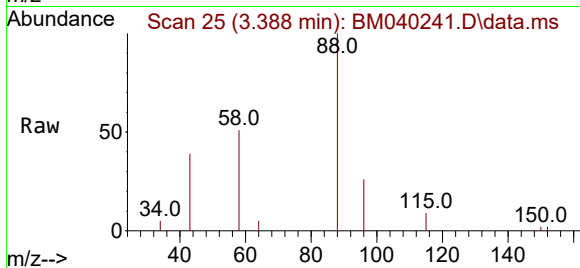




#2
 1,4-Dioxane
 Concen: 0.433 ng/ul
 RT: 3.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM040241.D
 Acq: 14 Jun 2023 17:36

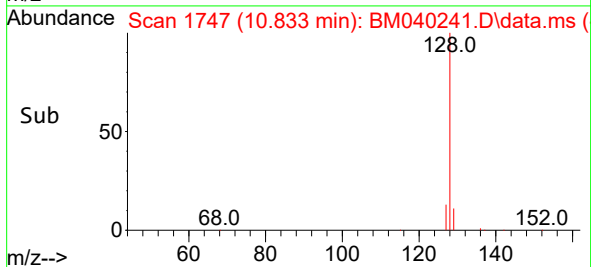
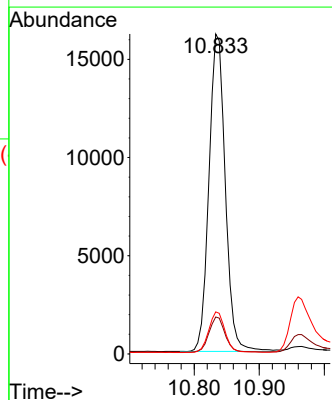
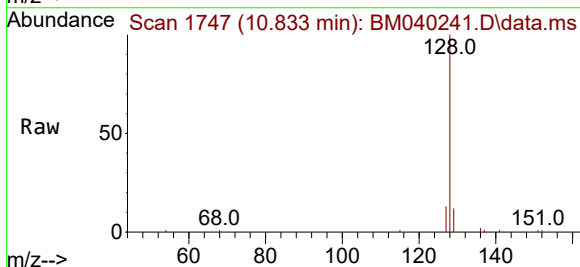
Instrument :
 BNA_M
 ClientSampleId :
 SICV021

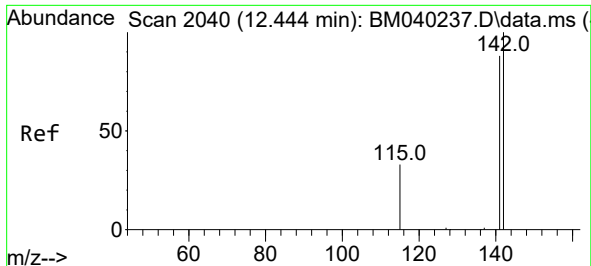
Tgt Ion: 88 Resp: 4386
 Ion Ratio Lower Upper
 88 100
 43 38.9 30.3 45.5
 58 50.9 38.8 58.2



#5
 Naphthalene
 Concen: 0.446 ng/ul
 RT: 10.833 min Scan# 1747
 Delta R.T. 0.000 min
 Lab File: BM040241.D
 Acq: 14 Jun 2023 17:36

Tgt Ion: 128 Resp: 28160
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.1 13.7
 127 13.2 10.4 15.6

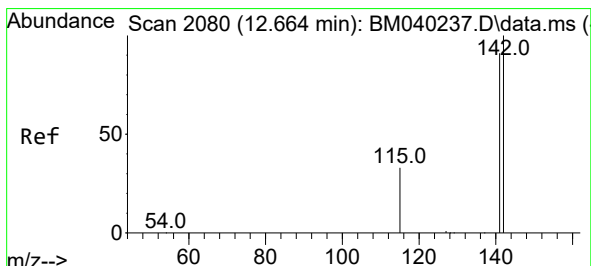
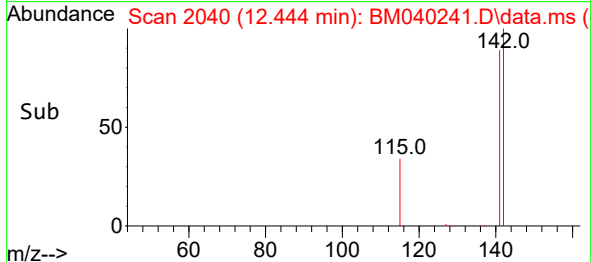
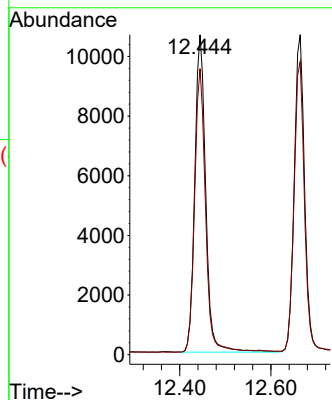
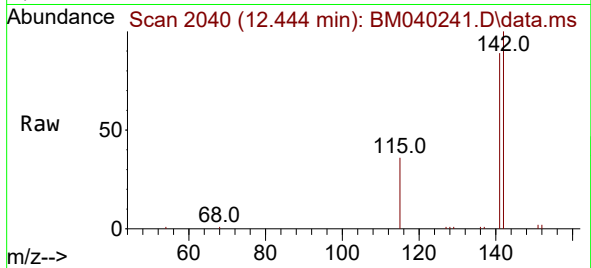




#7
2-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.444 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

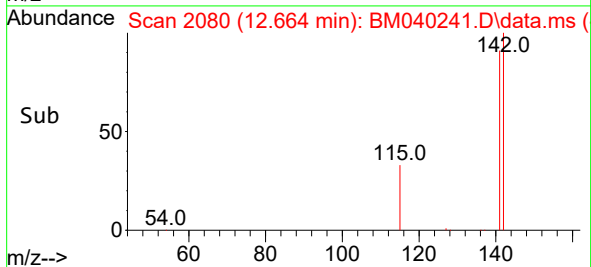
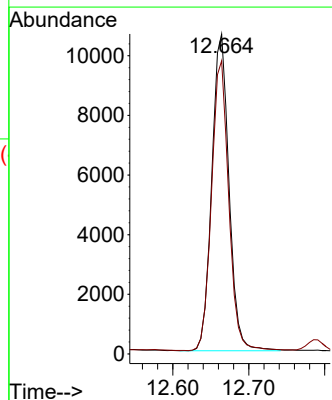
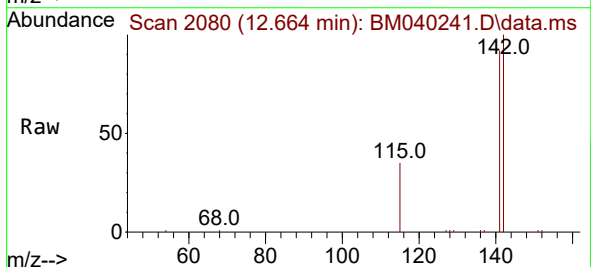
Instrument :
BNA_M
ClientSampleId :
SICV021

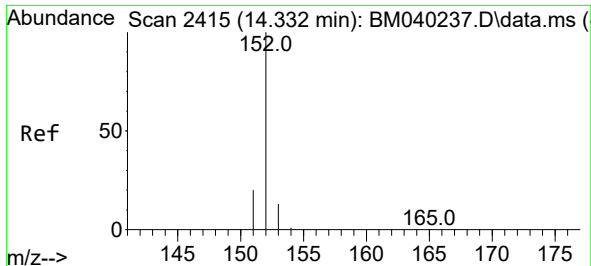
Tgt Ion:142 Resp: 17797
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.664 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

Tgt Ion:142 Resp: 16682
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4

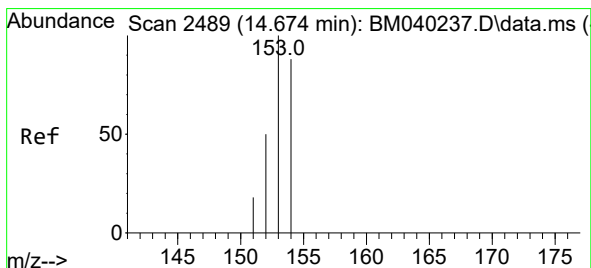
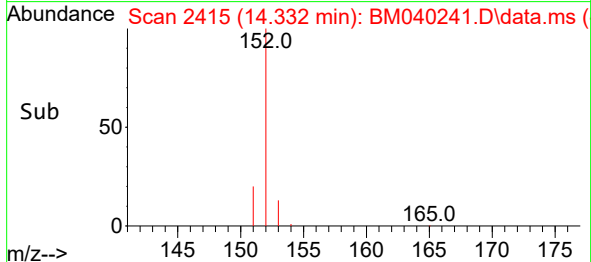
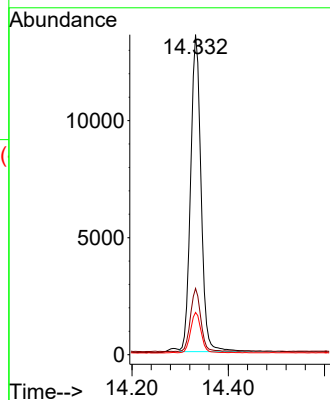
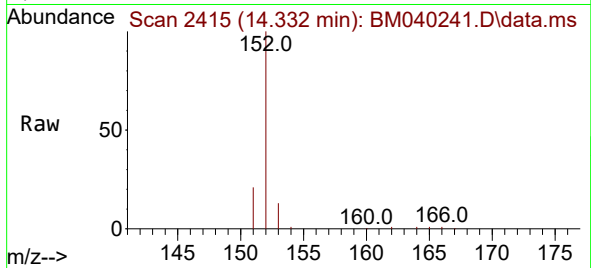




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

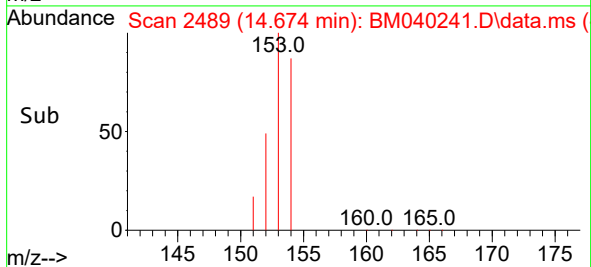
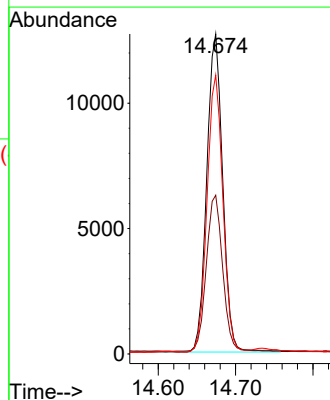
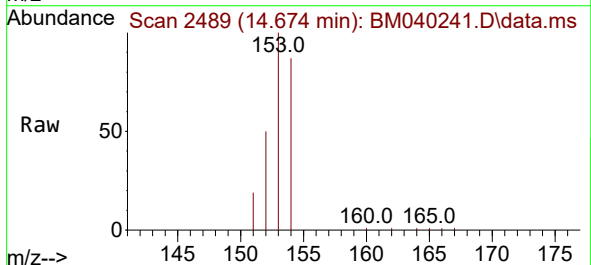
Instrument :
BNA_M
ClientSampleId :
SICV021

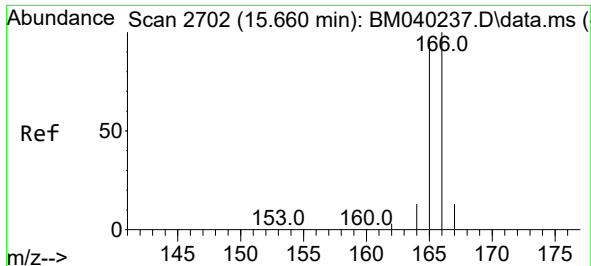
Tgt Ion:152 Resp: 20318
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.450 ng/ul
RT: 14.674 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

Tgt Ion:153 Resp: 18124
Ion Ratio Lower Upper
153 100
152 49.6 40.3 60.5
154 87.1 70.5 105.7

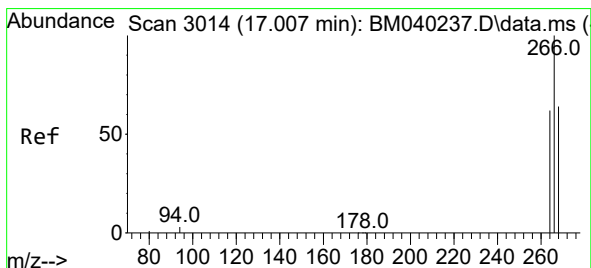
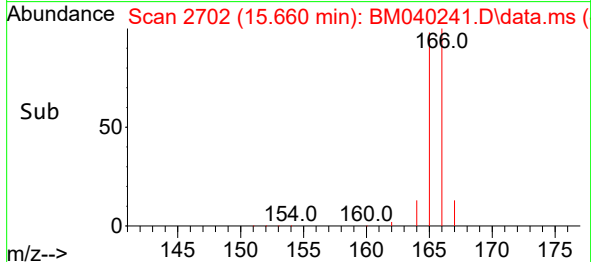
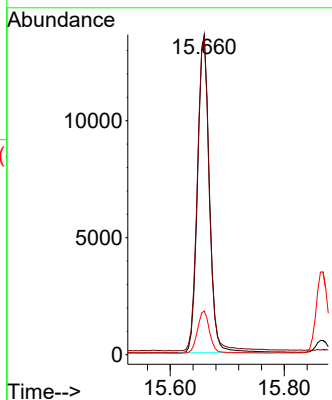
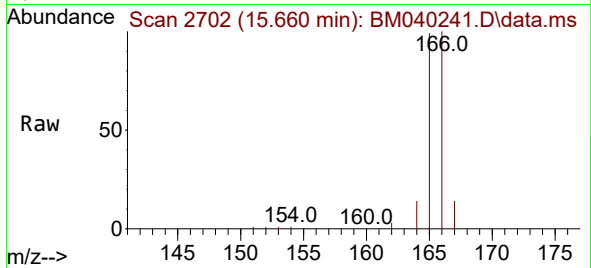




#12
 Fluorene
 Concen: 0.438 ng/ul
 RT: 15.660 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM040241.D
 Acq: 14 Jun 2023 17:36

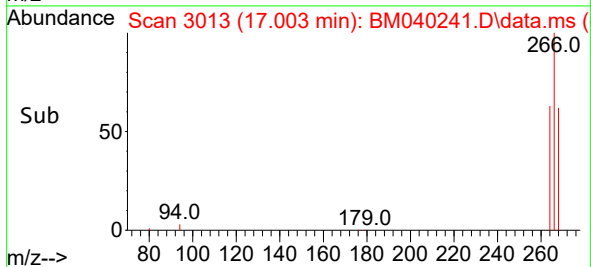
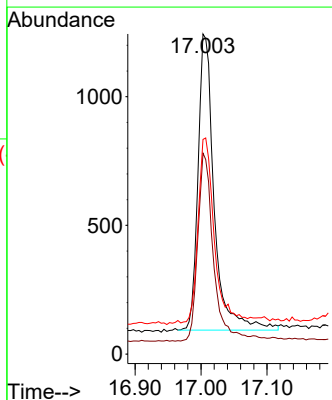
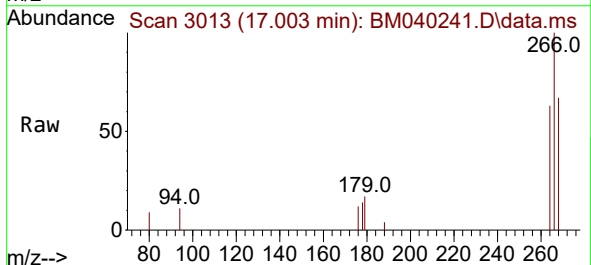
Instrument :
 BNA_M
 ClientSampleId :
 SICV021

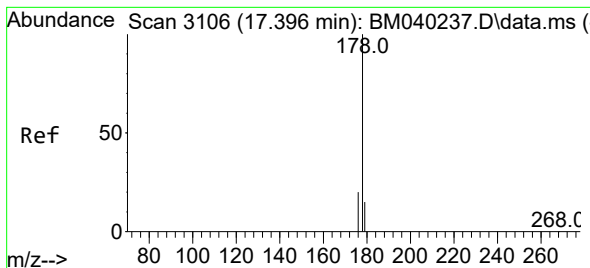
Tgt Ion:	166	Resp:	19680
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	13.6	11.0	16.4



#14
 Pentachlorophenol
 Concen: 0.364 ng/ul
 RT: 17.003 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BM040241.D
 Acq: 14 Jun 2023 17:36

Tgt Ion:	266	Resp:	1964
Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.4	74.0
268	63.8	51.3	76.9





#15

Phenanthrene

Concen: 0.431 ng/ul

RT: 17.396 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM040241.D

Acq: 14 Jun 2023 17:36

Instrument :

BNA_M

ClientSampleId :

SICV021

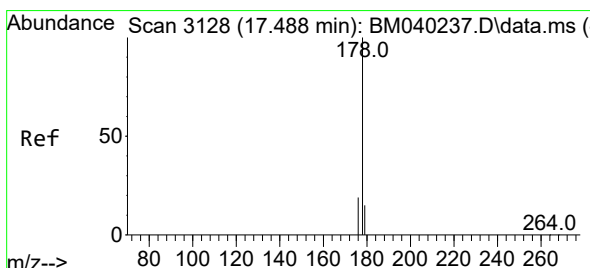
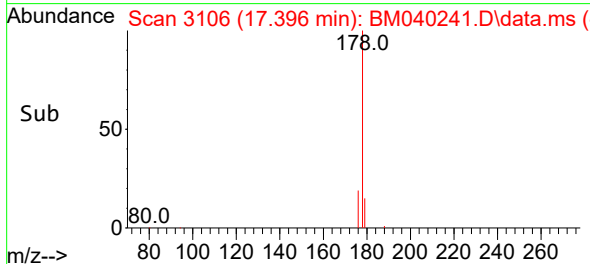
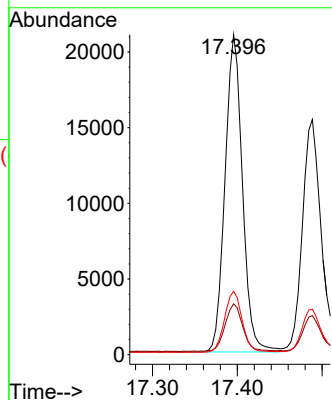
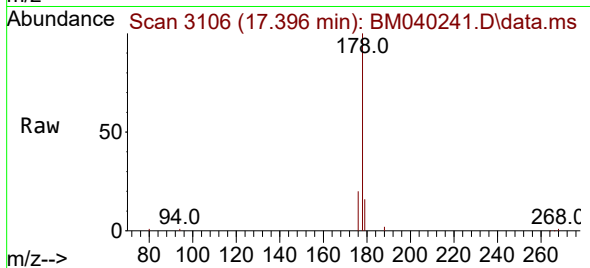
Tgt Ion:178 Resp: 29937

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.8 16.1 24.1



#16

Anthracene

Concen: 0.416 ng/ul

RT: 17.488 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM040241.D

Acq: 14 Jun 2023 17:36

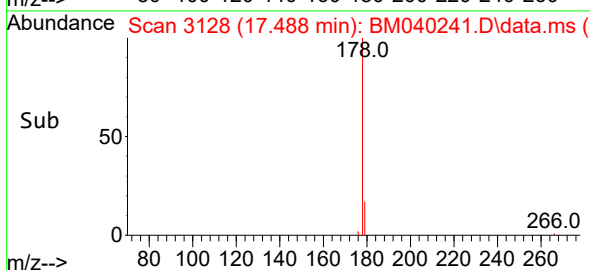
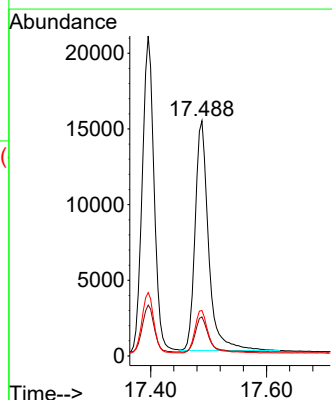
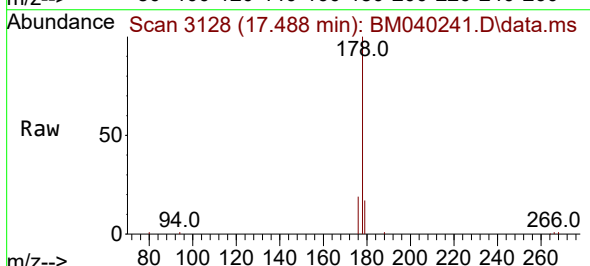
Tgt Ion:178 Resp: 24472

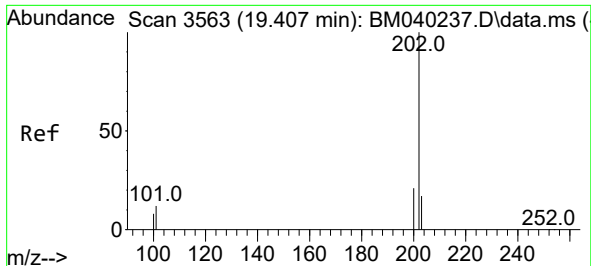
Ion Ratio Lower Upper

178 100

179 16.6 13.0 19.4

176 19.3 15.5 23.3

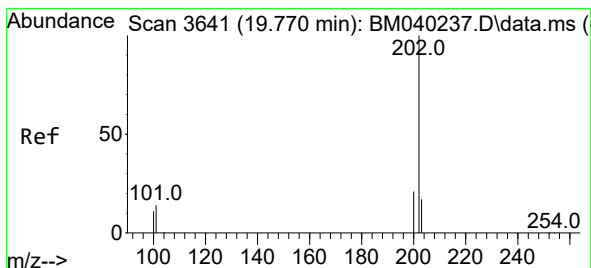
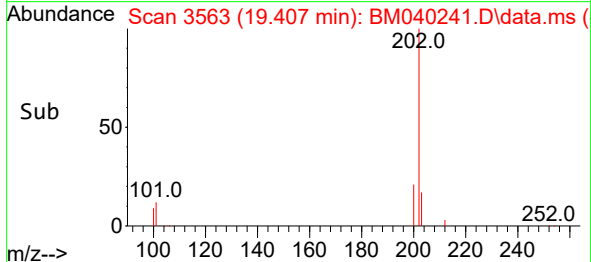
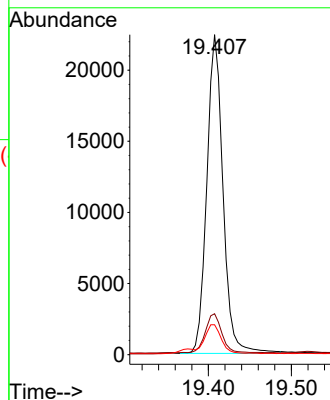
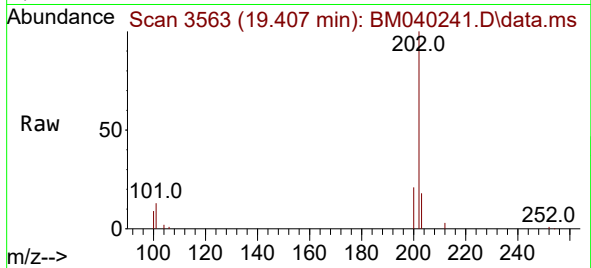




#19
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.407 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

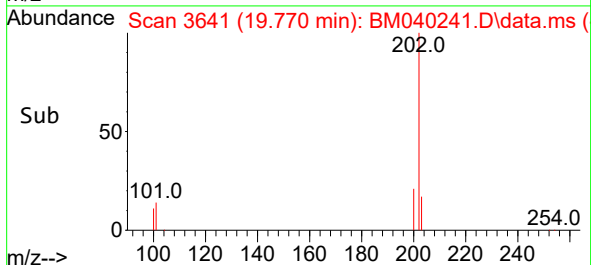
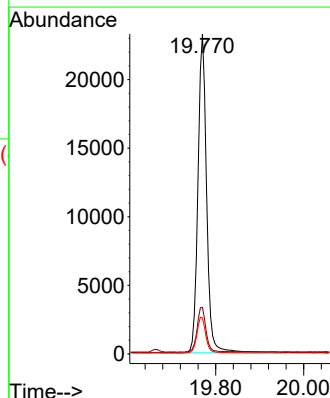
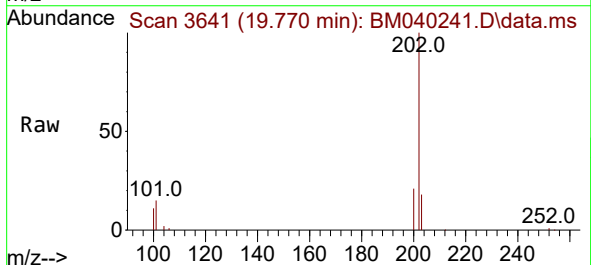
Instrument :
BNA_M
ClientSampleId :
SICV021

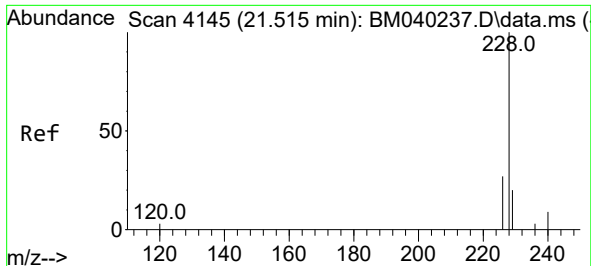
Tgt Ion:202 Resp: 30427
Ion Ratio Lower Upper
202 100
101 12.8 10.2 15.4
100 9.3 7.6 11.4



#20
Pyrene
Concen: 0.448 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

Tgt Ion:202 Resp: 31783
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.8
100 11.2 9.3 13.9

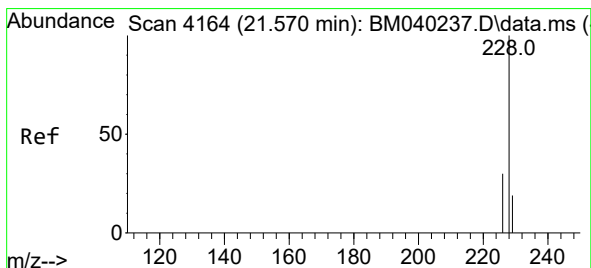
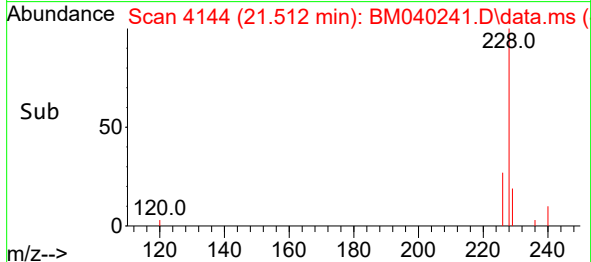
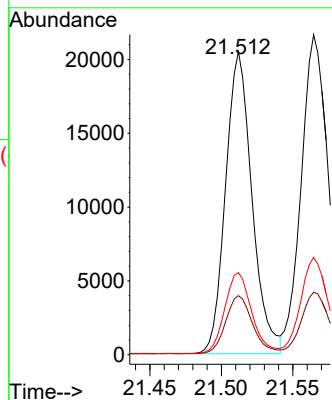
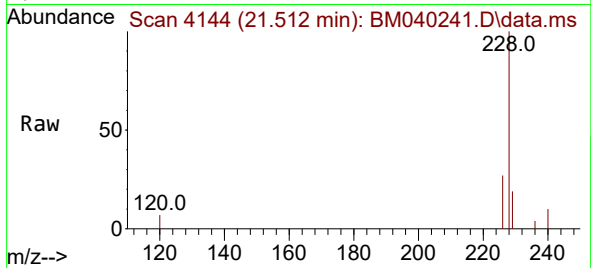




#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.512 min Scan# 4145
Delta R.T. -0.003 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

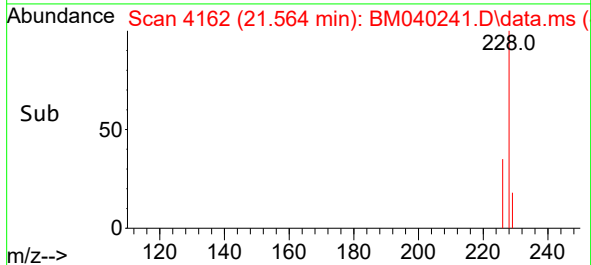
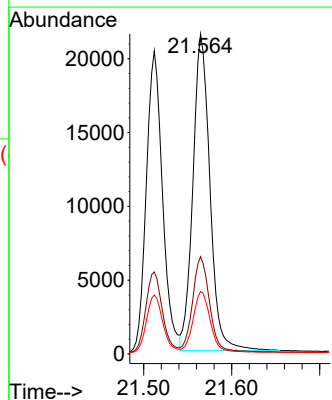
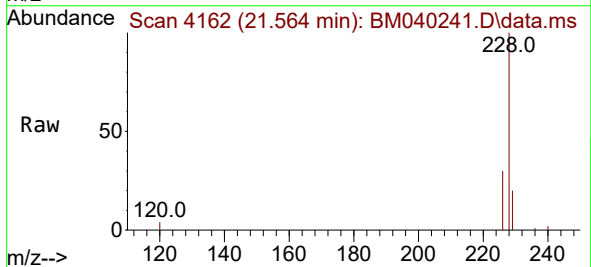
Instrument :
BNA_M
ClientSampleId :
SICV021

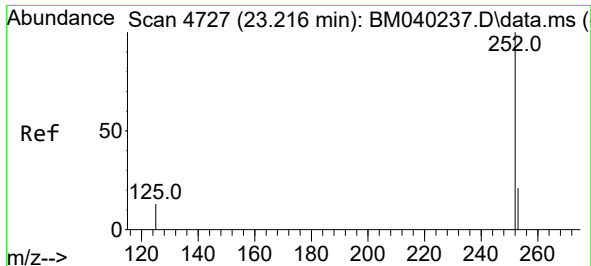
Tgt Ion:228 Resp: 26267
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

Tgt Ion:228 Resp: 28785
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.5 15.7 23.5

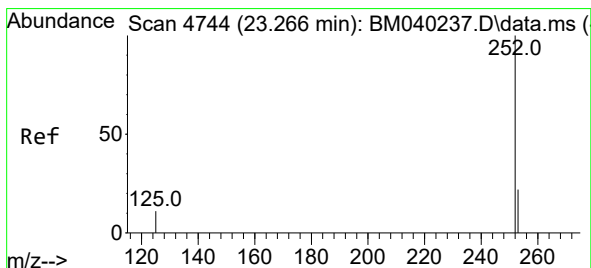
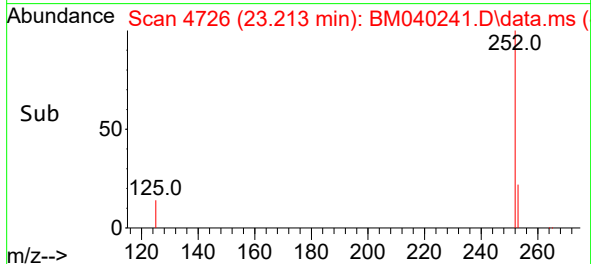
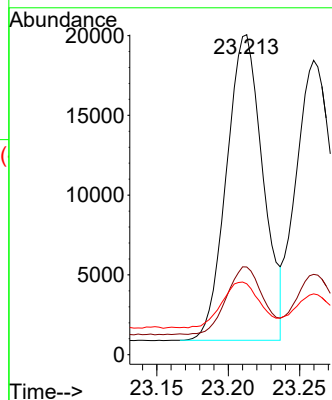
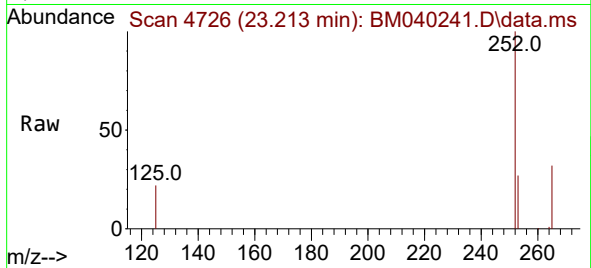




#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.213 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

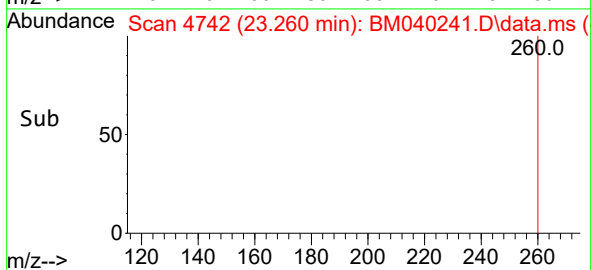
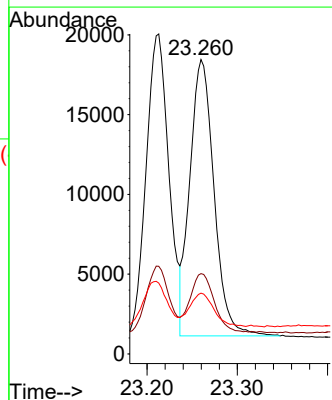
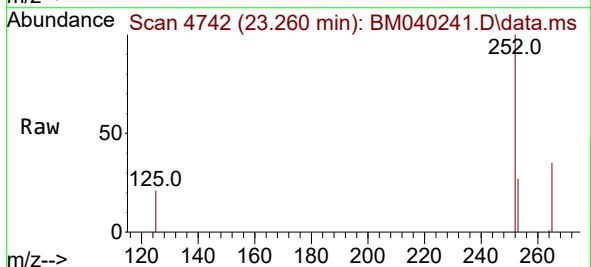
Instrument :
BNA_M
ClientSampleId :
SICV021

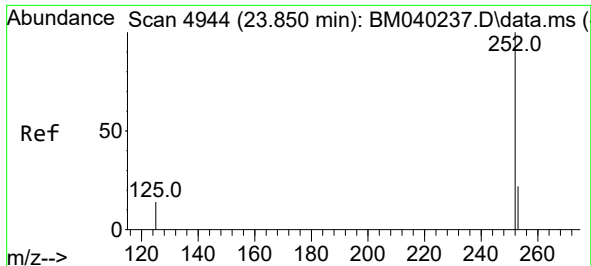
Tgt Ion:252 Resp: 34016
Ion Ratio Lower Upper
252 100
253 27.4 0.0 52.4
125 22.2 0.0 38.4



#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.260 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

Tgt Ion:252 Resp: 32232
Ion Ratio Lower Upper
252 100
253 27.3 21.5 32.3
125 20.6 14.7 22.1

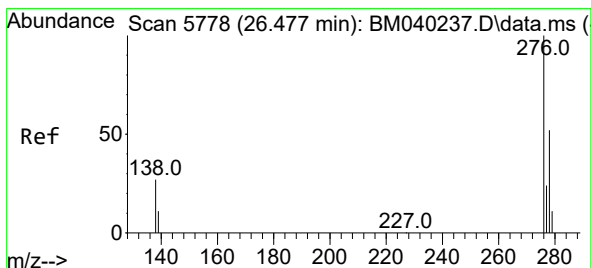
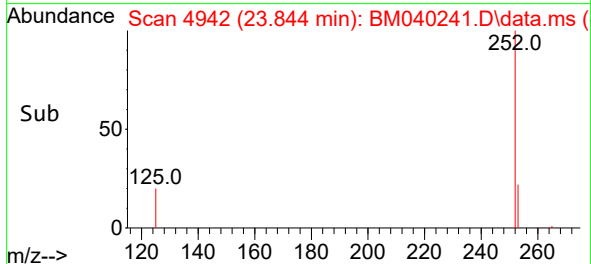
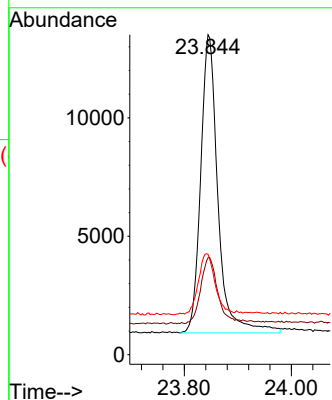
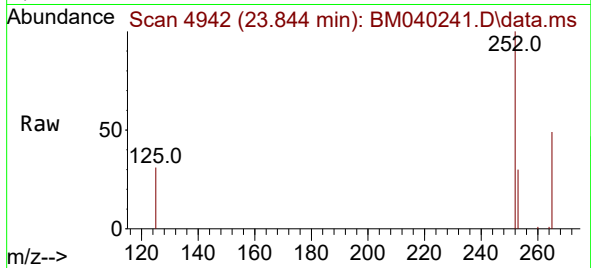




#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.844 min Scan# 4944
Delta R.T. -0.006 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

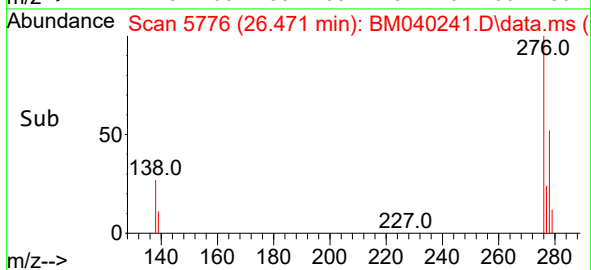
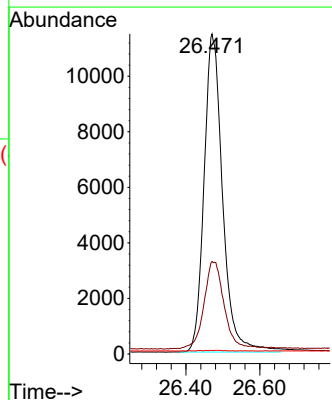
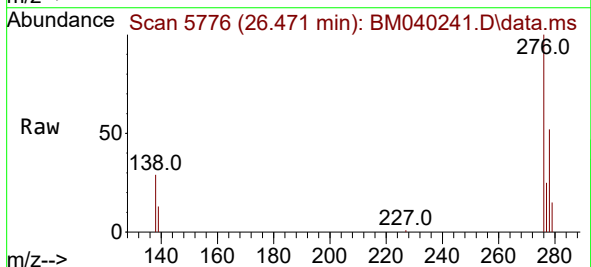
Instrument :
BNA_M
ClientSampleId :
SICV021

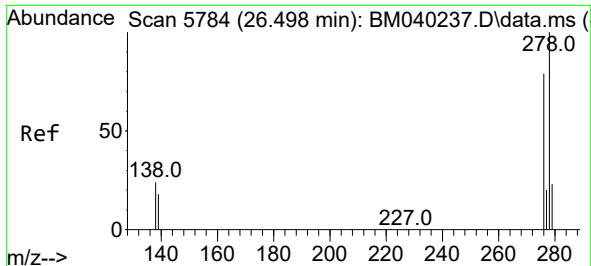
Tgt Ion:252 Resp: 28112
Ion Ratio Lower Upper
252 100
253 30.3 23.4 35.0
125 31.4 19.7 29.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040241.D
Acq: 14 Jun 2023 17:36

Tgt Ion:276 Resp: 39950
Ion Ratio Lower Upper
276 100
138 29.9 23.3 34.9
227 0.0 0.1 0.1#

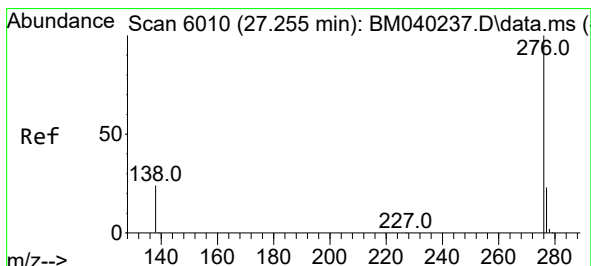
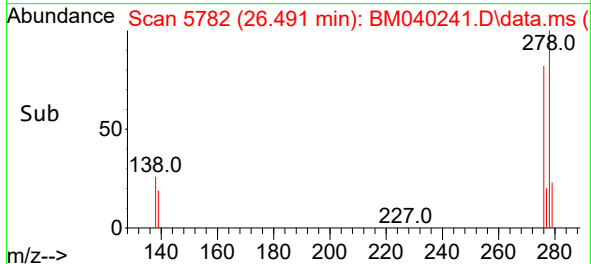
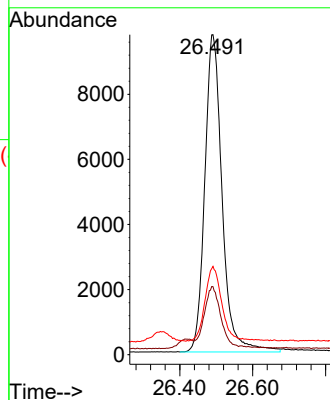
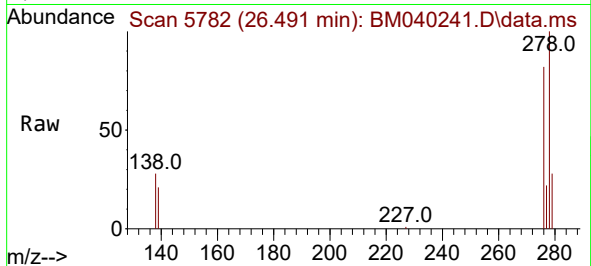




#28
 Dibenzo(a,h)anthracene
 Concen: 0.495 ng/ul
 RT: 26.491 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM040241.D
 Acq: 14 Jun 2023 17:36

Instrument :
 BNA_M
 ClientSampleId :
 SICV021

Tgt Ion:278 Resp: 32202
 Ion Ratio Lower Upper
 278 100
 139 21.3 16.4 24.6
 279 27.6 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.497 ng/ul
 RT: 27.249 min Scan# 6008
 Delta R.T. -0.007 min
 Lab File: BM040241.D
 Acq: 14 Jun 2023 17:36

Tgt Ion:276 Resp: 33628
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.0 31.4
 277 24.8 19.6 29.4

