

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
 Data File : BM047619.D
 Acq On : 24 Sep 2024 20:19
 Operator : RC/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Sep 25 03:02:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 02:58:29 2024
 Response via : Initial Calibration

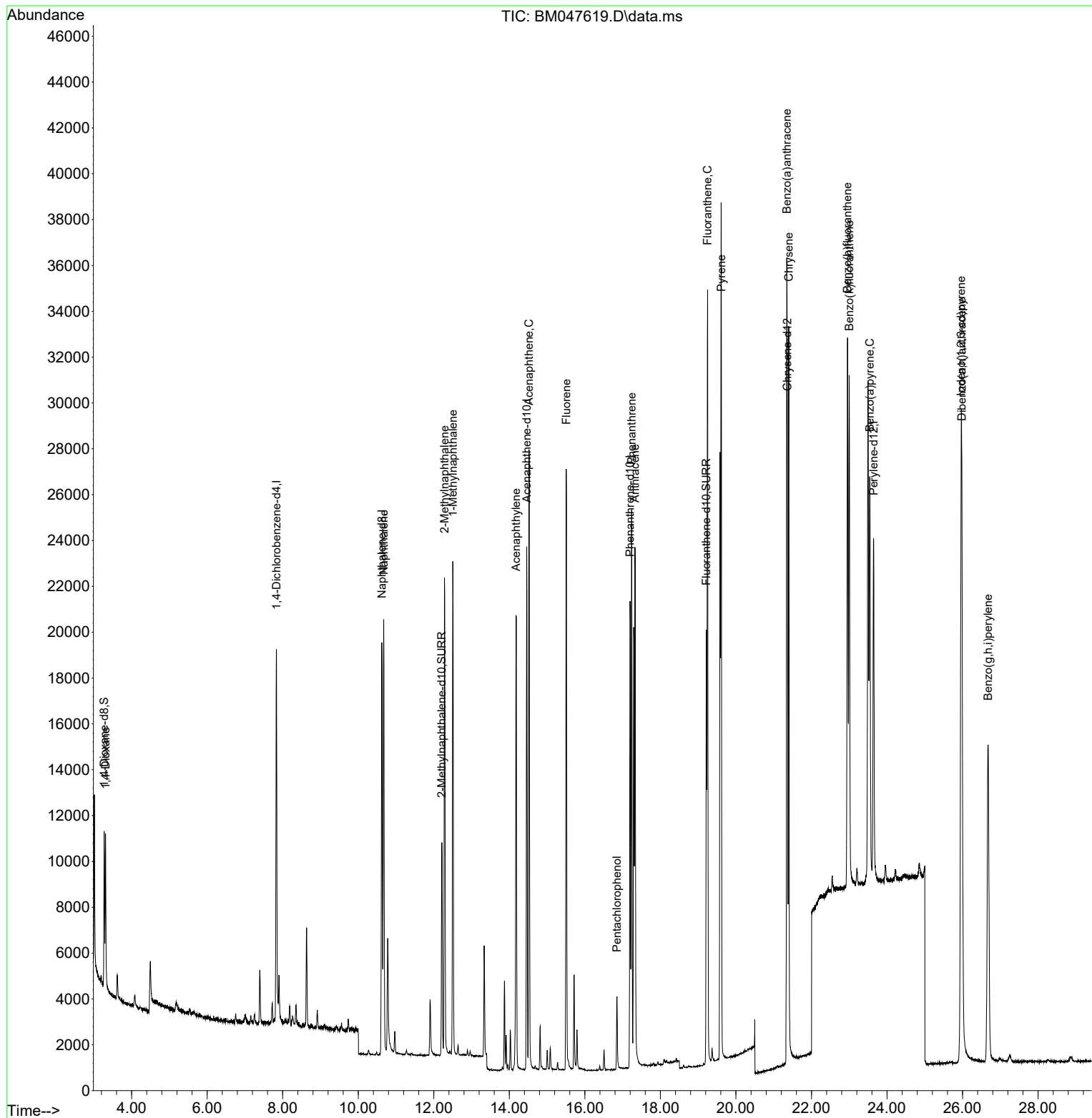
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	8280	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	25131	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	12317	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	23973	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	19867	0.400	ng/ul	0.00
23) Perylene-d12	23.645	264	20707	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	4184	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	12417	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	20867	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	4621	0.363	ng/ul	98
5) Naphthalene	10.672	128	25969	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.284	142	15534	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	14730	0.350	ng/ul	100
10) Acenaphthylene	14.178	152	22644	0.376	ng/ul	99
11) Acenaphthene	14.521	153	15643	0.374	ng/ul	98
12) Fluorene	15.506	166	16970	0.373	ng/ul	99
14) Pentachlorophenol	16.850	266	2321	0.340	ng/ul	99
15) Phenanthrene	17.238	178	26426	0.371	ng/ul	99
16) Anthracene	17.327	178	24029	0.379	ng/ul	99
19) Fluoranthene	19.248	202	28849	0.370	ng/ul	100
20) Pyrene	19.611	202	31076	0.378	ng/ul	97
21) Benzo(a)anthracene	21.347	228	26601	0.345	ng/ul	99
22) Chrysene	21.397	228	27923	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.955	252	31120	0.326	ng/ul	99
25) Benzo(k)fluoranthene	22.998	252	29760	0.324	ng/ul	99
26) Benzo(a)pyrene	23.542	252	25814	0.380	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.963	276	37300	0.338	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.980	278	28565	0.339	ng/ul	99
29) Benzo(g,h,i)perylene	26.674	276	30118	0.339	ng/ul	100

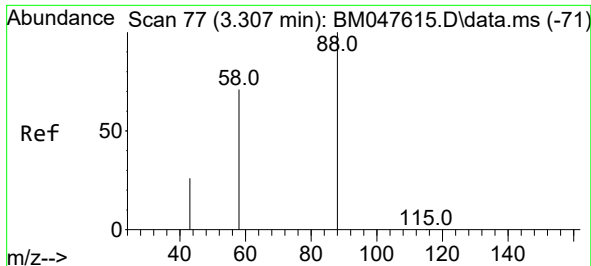
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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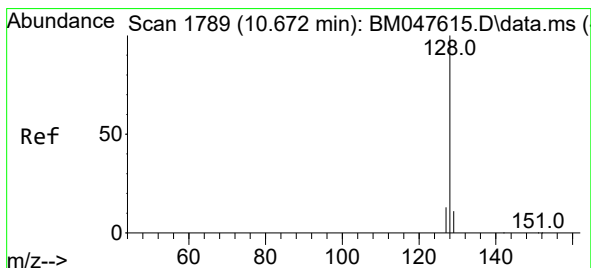
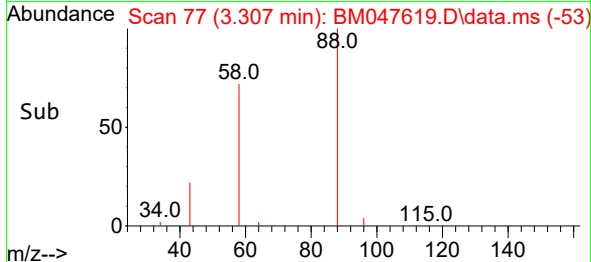
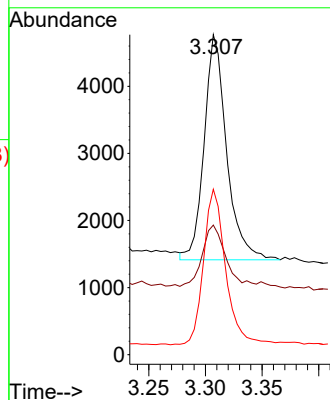
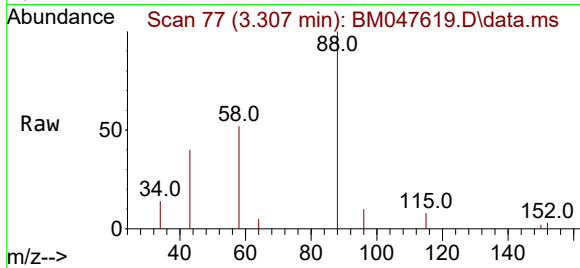




#2
1,4-Dioxane
Concen: 0.363 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

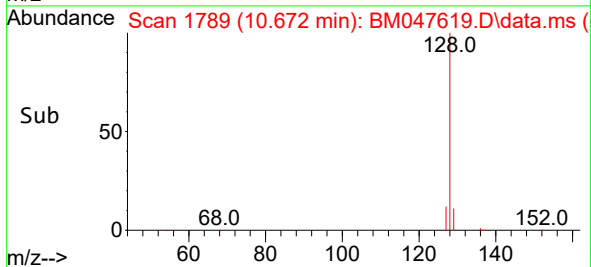
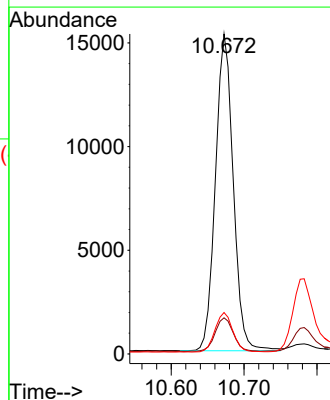
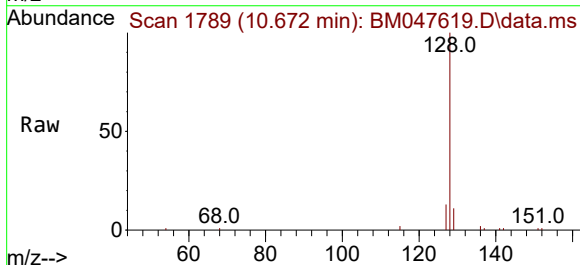
Instrument :
BNA_M
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SICV014

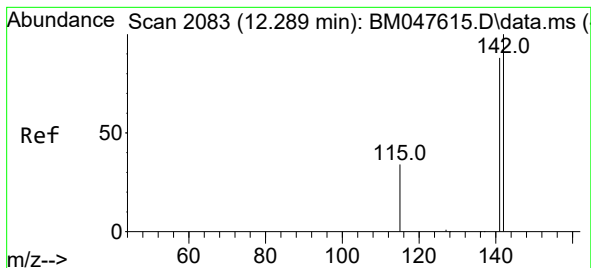
Tgt Ion: 88 Resp: 4621
Ion Ratio Lower Upper
88 100
43 40.5 30.4 45.6
58 51.7 41.7 62.5



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Tgt Ion: 128 Resp: 25969
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.0 10.6 16.0

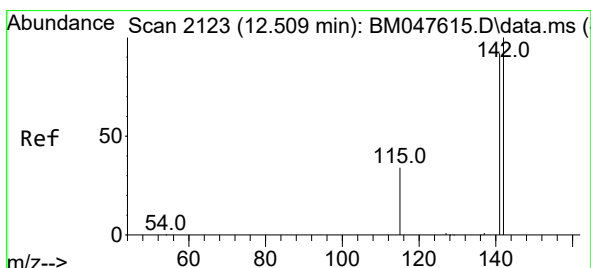
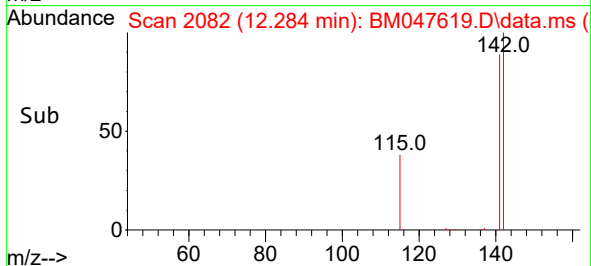
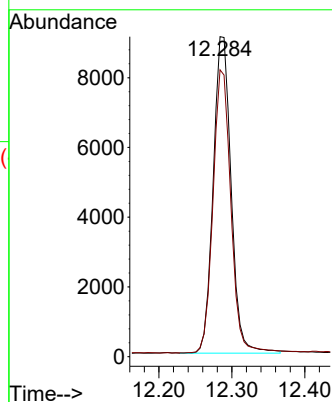
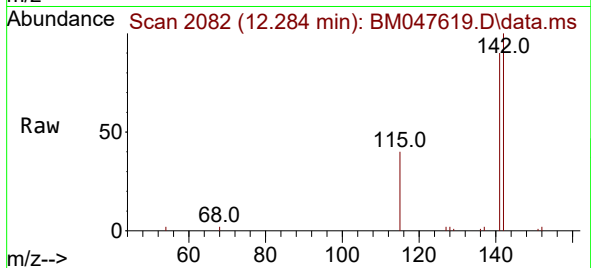




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

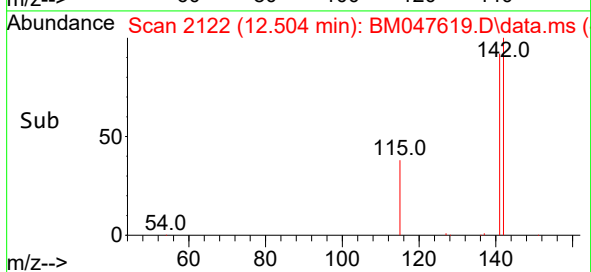
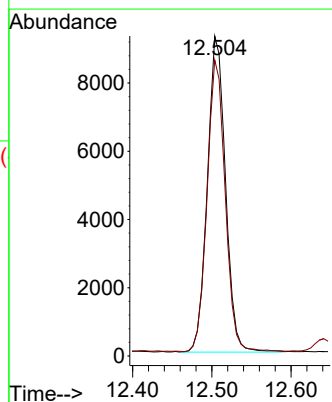
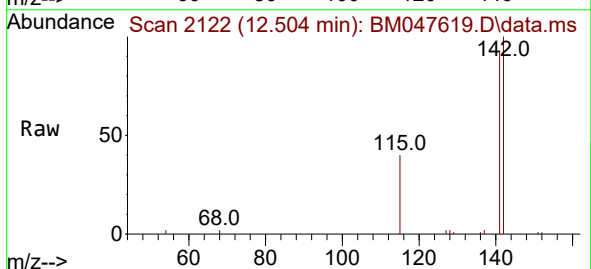
Instrument :
BNA_M
ClientSampleId :
SICV014

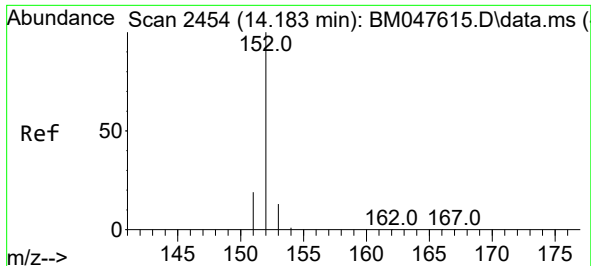
Tgt Ion:142 Resp: 15534
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Tgt Ion:142 Resp: 14730
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

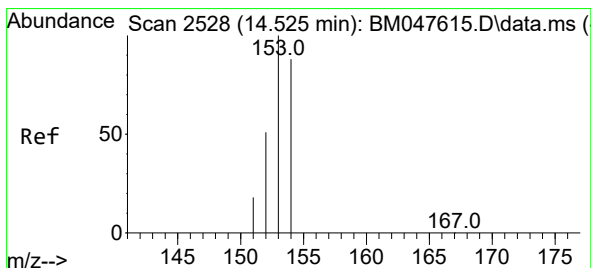
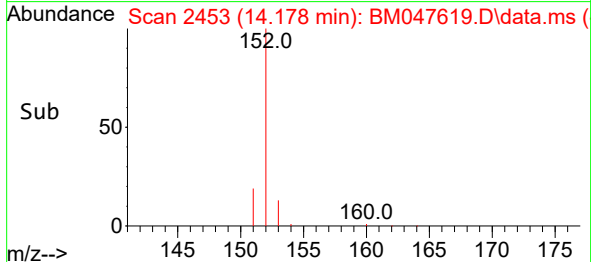
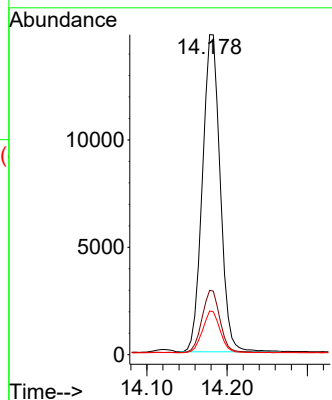
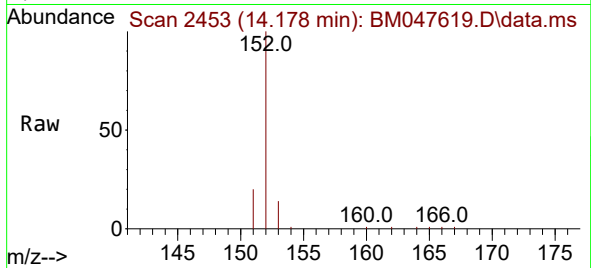




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.178 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

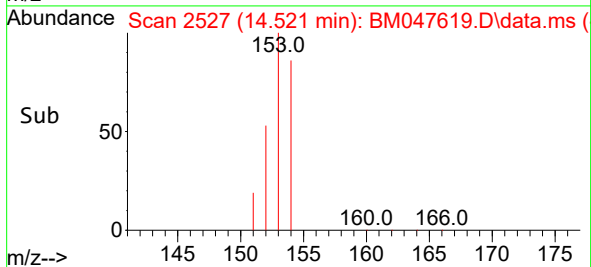
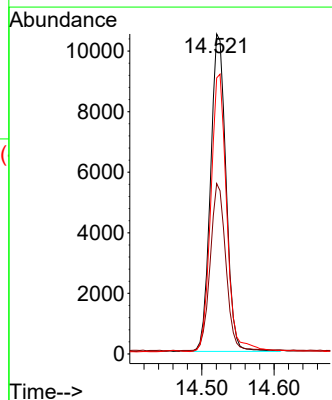
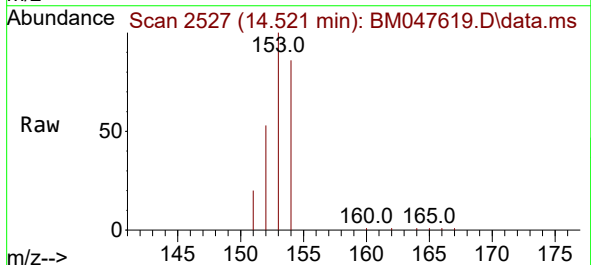
Instrument :
BNA_M
ClientSampleId :
SICV014

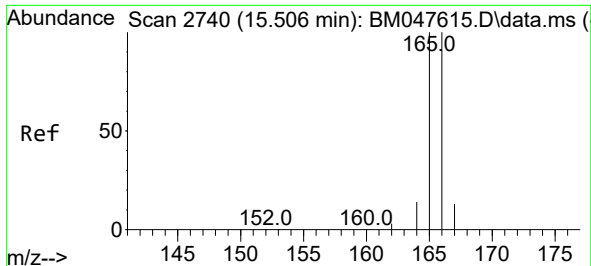
Tgt Ion:	152	Resp:	22644
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.6	23.4
153	13.6	10.7	16.1



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.005 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Tgt Ion:	153	Resp:	15643
Ion Ratio	Lower	Upper	
153	100		
152	53.3	41.4	62.2
154	86.2	70.3	105.5

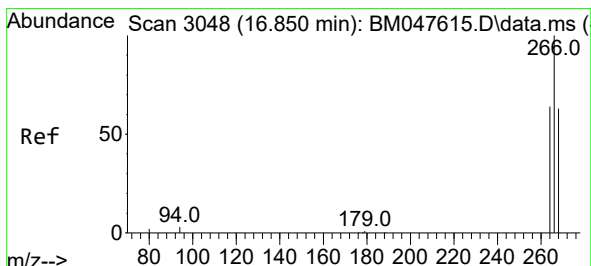
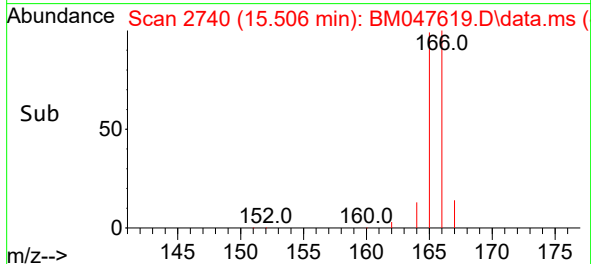
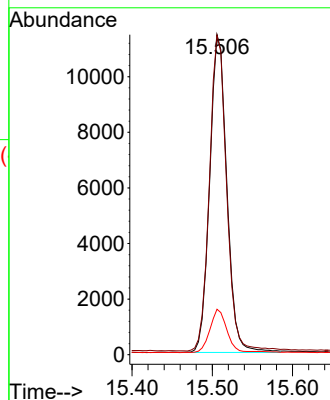
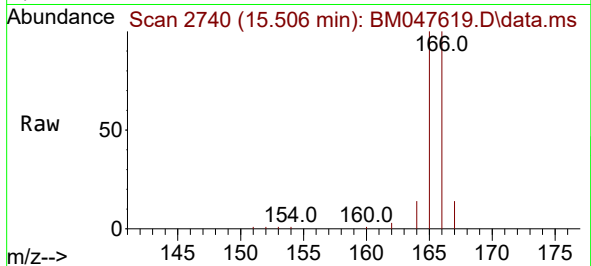




#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

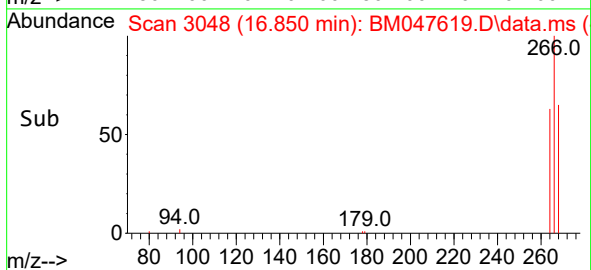
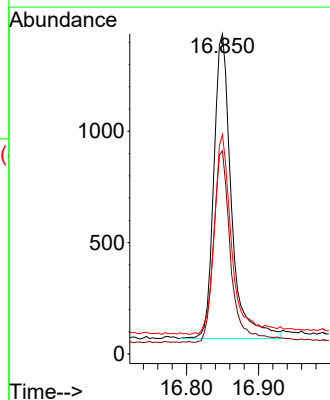
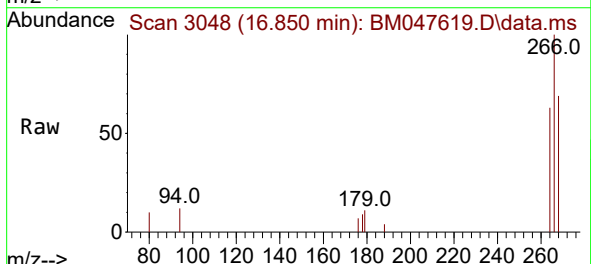
Instrument :
BNA_M
ClientSampleId :
SICV014

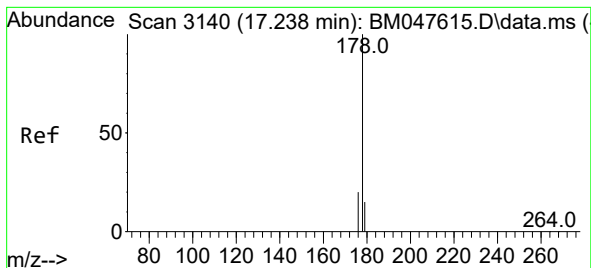
Tgt Ion:166 Resp: 16970
Ion Ratio Lower Upper
166 100
165 99.8 80.2 120.4
167 14.2 11.0 16.4



#14
Pentachlorophenol
Concen: 0.340 ng/ul
RT: 16.850 min Scan# 3048
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Tgt Ion:266 Resp: 2321
Ion Ratio Lower Upper
266 100
264 61.6 50.3 75.5
268 65.8 52.2 78.4





#15

Phenanthrene

Concen: 0.371 ng/ul

RT: 17.238 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BM047619.D

Acq: 24 Sep 2024 20:19

Instrument :

BNA_M

ClientSampleId :

SICV014

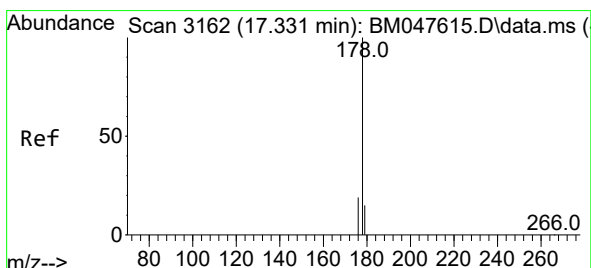
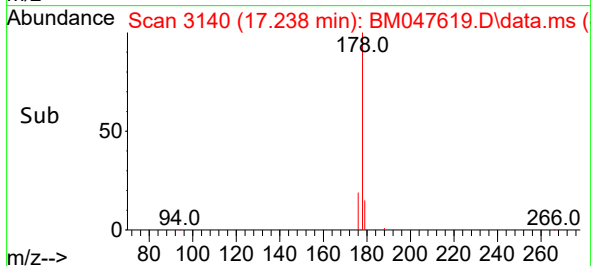
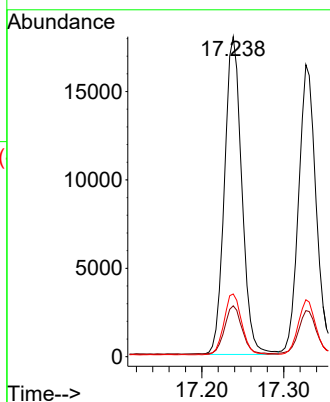
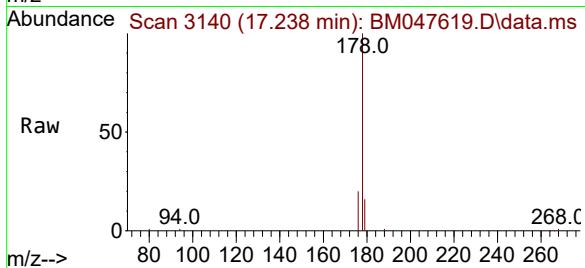
Tgt Ion:178 Resp: 26426

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

176 19.6 16.1 24.1



#16

Anthracene

Concen: 0.379 ng/ul

RT: 17.327 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BM047619.D

Acq: 24 Sep 2024 20:19

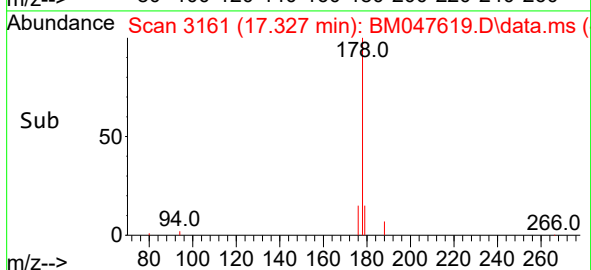
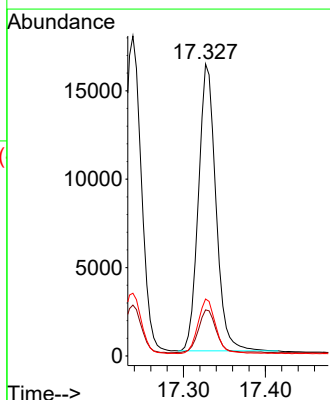
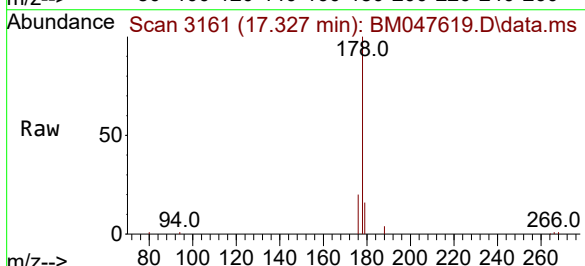
Tgt Ion:178 Resp: 24029

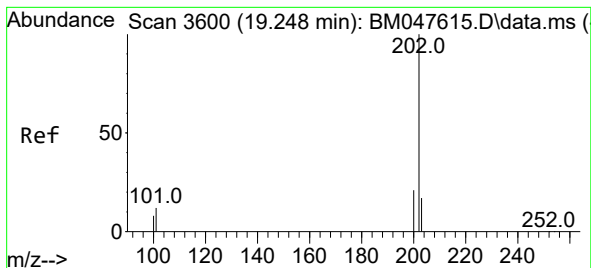
Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 19.5 15.4 23.2





#19

Fluoranthene

Concen: 0.370 ng/ul

RT: 19.248 min Scan# 3600

Delta R.T. -0.000 min

Lab File: BM047619.D

Acq: 24 Sep 2024 20:19

Instrument :

BNA_M

ClientSampleId :

SICV014

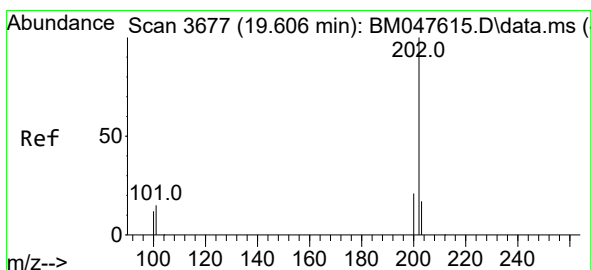
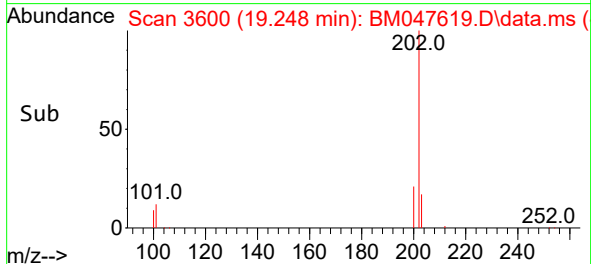
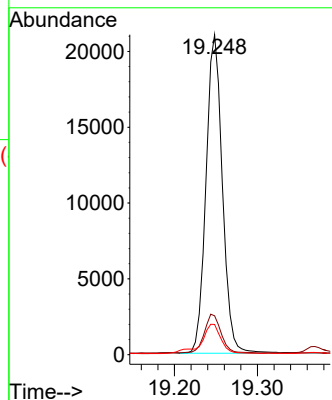
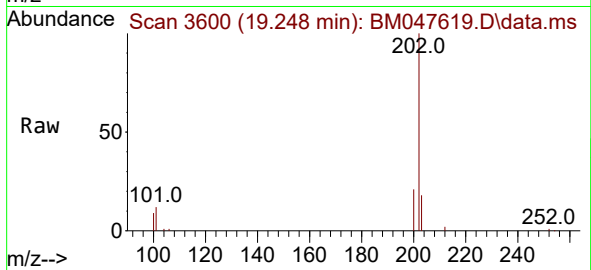
Tgt Ion:202 Resp: 28849

Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.8

100 9.5 7.5 11.3



#20

Pyrene

Concen: 0.378 ng/ul

RT: 19.611 min Scan# 3678

Delta R.T. 0.005 min

Lab File: BM047619.D

Acq: 24 Sep 2024 20:19

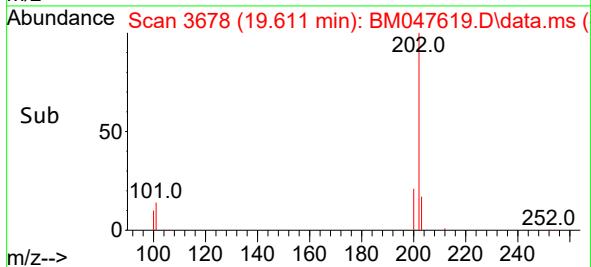
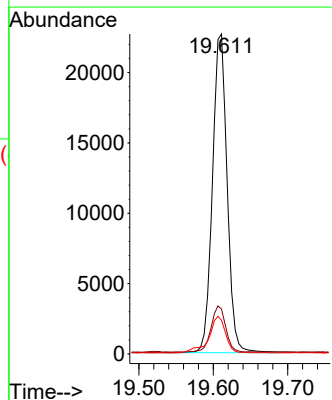
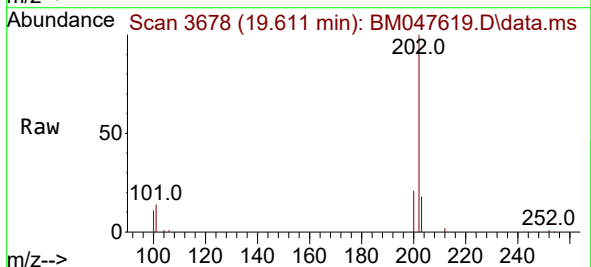
Tgt Ion:202 Resp: 31076

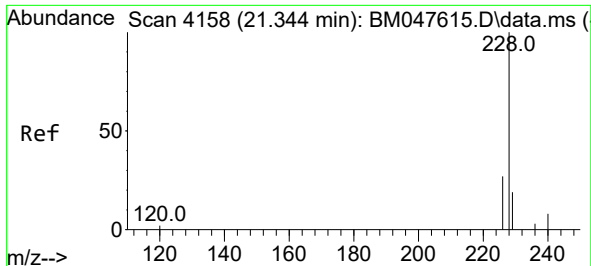
Ion Ratio Lower Upper

202 100

101 14.0 12.1 18.1

100 10.5 9.7 14.5

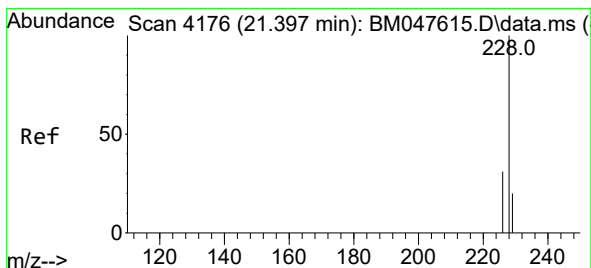
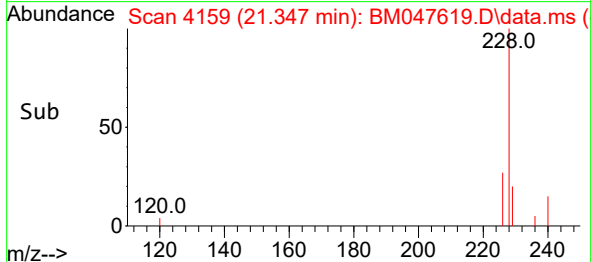
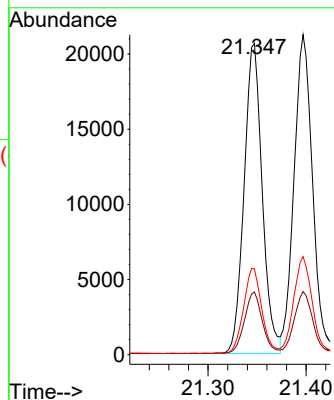
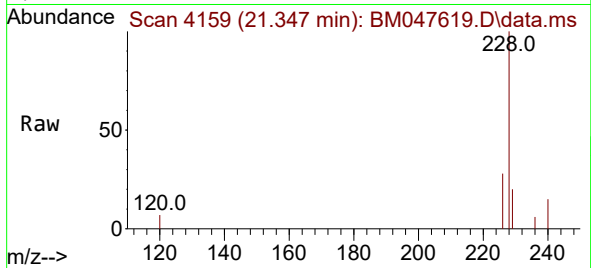




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.347 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

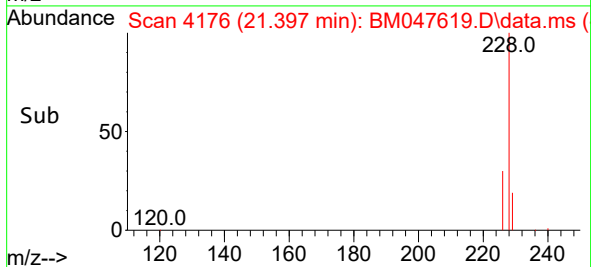
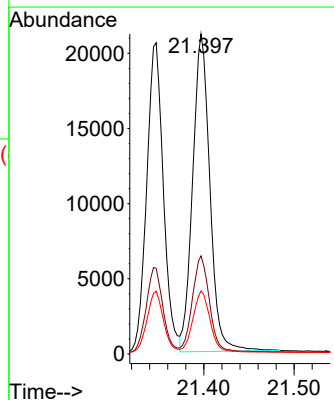
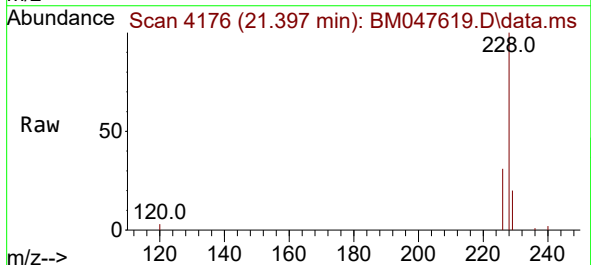
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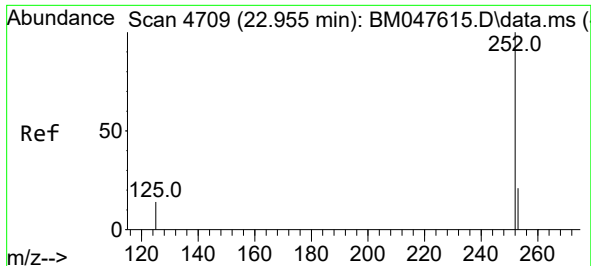
Tgt Ion:228 Resp: 26601
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 27.6 22.2 33.4



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.397 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

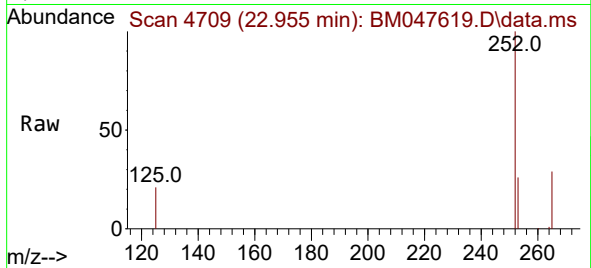
Tgt Ion:228 Resp: 27923
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.7 16.2 24.4



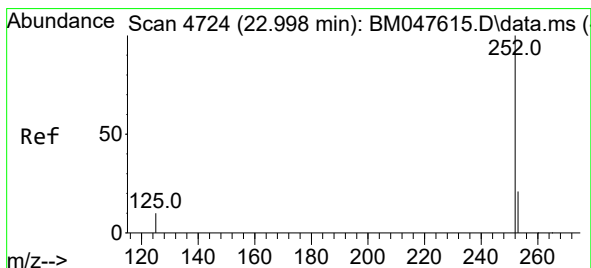
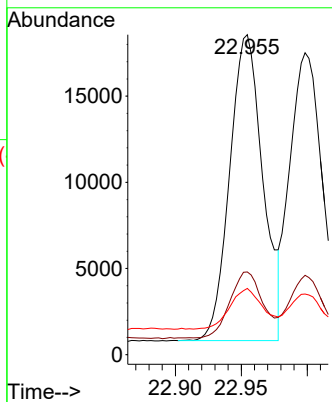
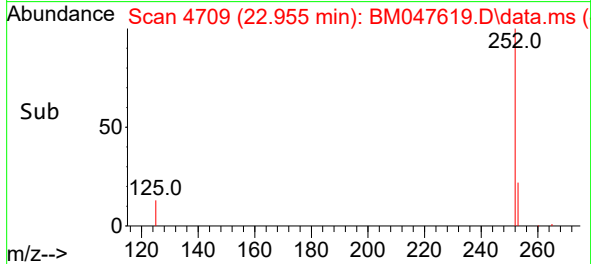


#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Instrument :
BNA_M
ClientSampleId :
SICV014

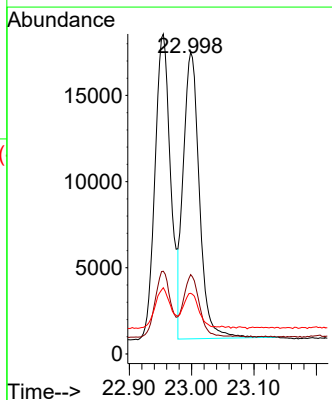
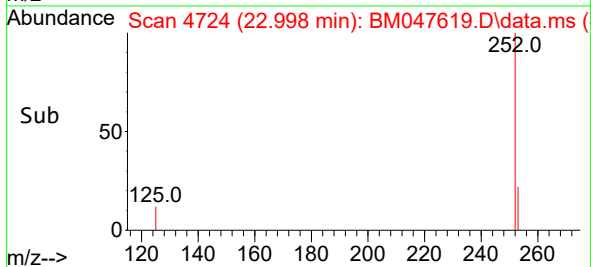
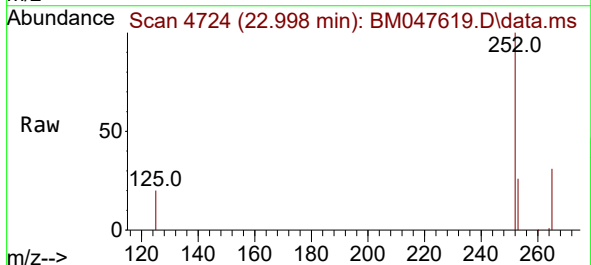


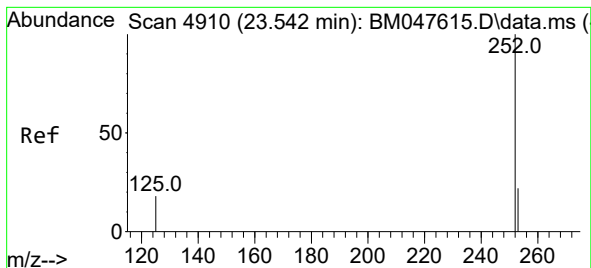
Tgt Ion:252 Resp: 31120
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.6
125 20.7 0.0 42.4



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 22.998 min Scan# 4724
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Tgt Ion:252 Resp: 29760
Ion Ratio Lower Upper
252 100
253 26.3 20.6 31.0
125 20.1 15.9 23.9





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.542 min Scan# 4910

Delta R.T. -0.000 min

Lab File: BM047619.D

Acq: 24 Sep 2024 20:19

Instrument :

BNA_M

ClientSampleId :

SICV014

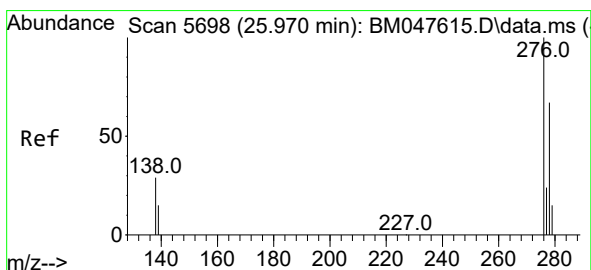
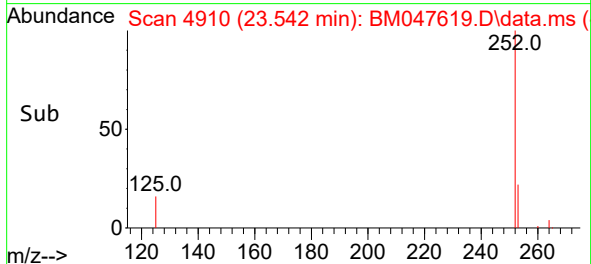
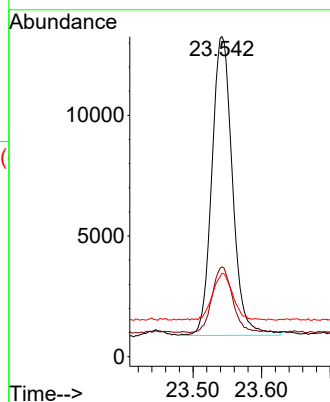
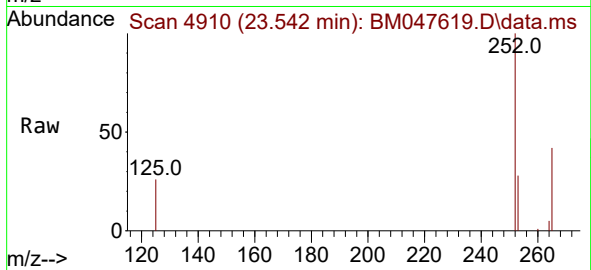
Tgt Ion:252 Resp: 25814

Ion Ratio Lower Upper

252 100

253 28.1 22.6 33.8

125 26.0 23.0 34.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.338 ng/ul

RT: 25.963 min Scan# 5696

Delta R.T. -0.007 min

Lab File: BM047619.D

Acq: 24 Sep 2024 20:19

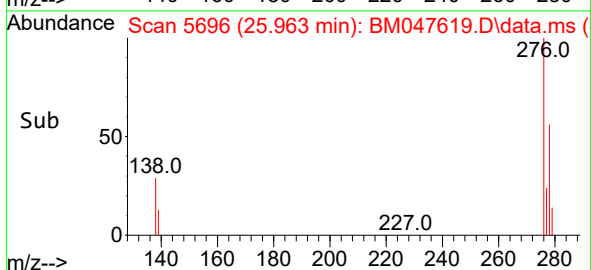
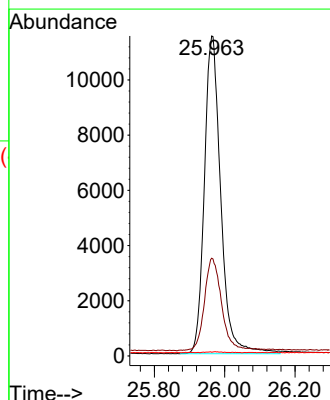
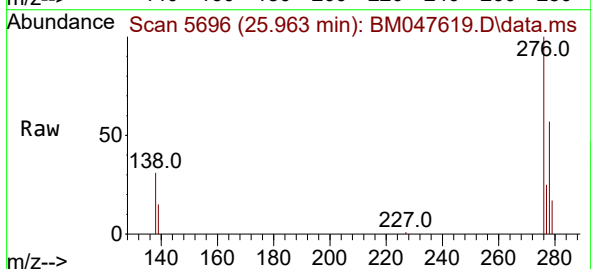
Tgt Ion:276 Resp: 37300

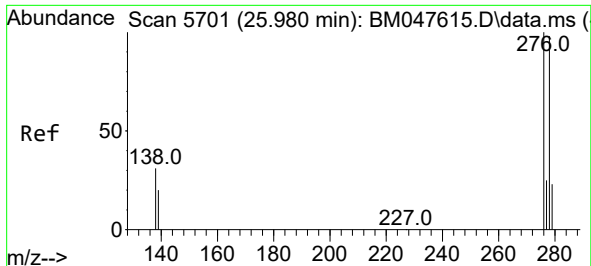
Ion Ratio Lower Upper

276 100

138 30.4 24.6 37.0

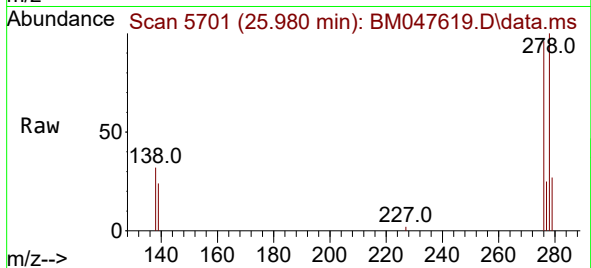
227 0.1 0.2 0.4



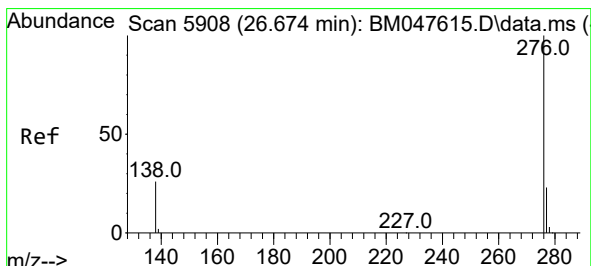
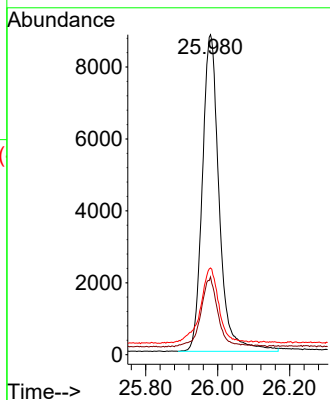
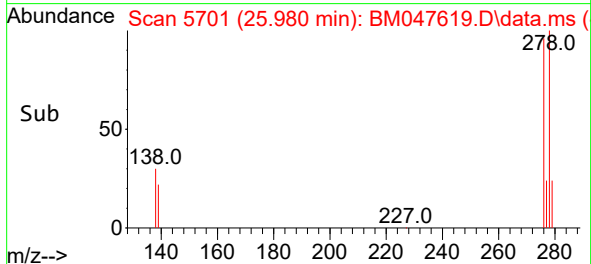


#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 25.980 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Instrument :
BNA_M
ClientSampleId :
SICV014



Tgt Ion:278 Resp: 28565
Ion Ratio Lower Upper
278 100
139 24.3 18.6 28.0
279 27.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 26.674 min Scan# 5908
Delta R.T. -0.000 min
Lab File: BM047619.D
Acq: 24 Sep 2024 20:19

Tgt Ion:276 Resp: 30118
Ion Ratio Lower Upper
276 100
138 28.4 22.5 33.7
277 24.7 19.8 29.6

