

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049234.D
 Acq On : 26 Dec 2024 20:33
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4129

Quant Time: Dec 26 21:59:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

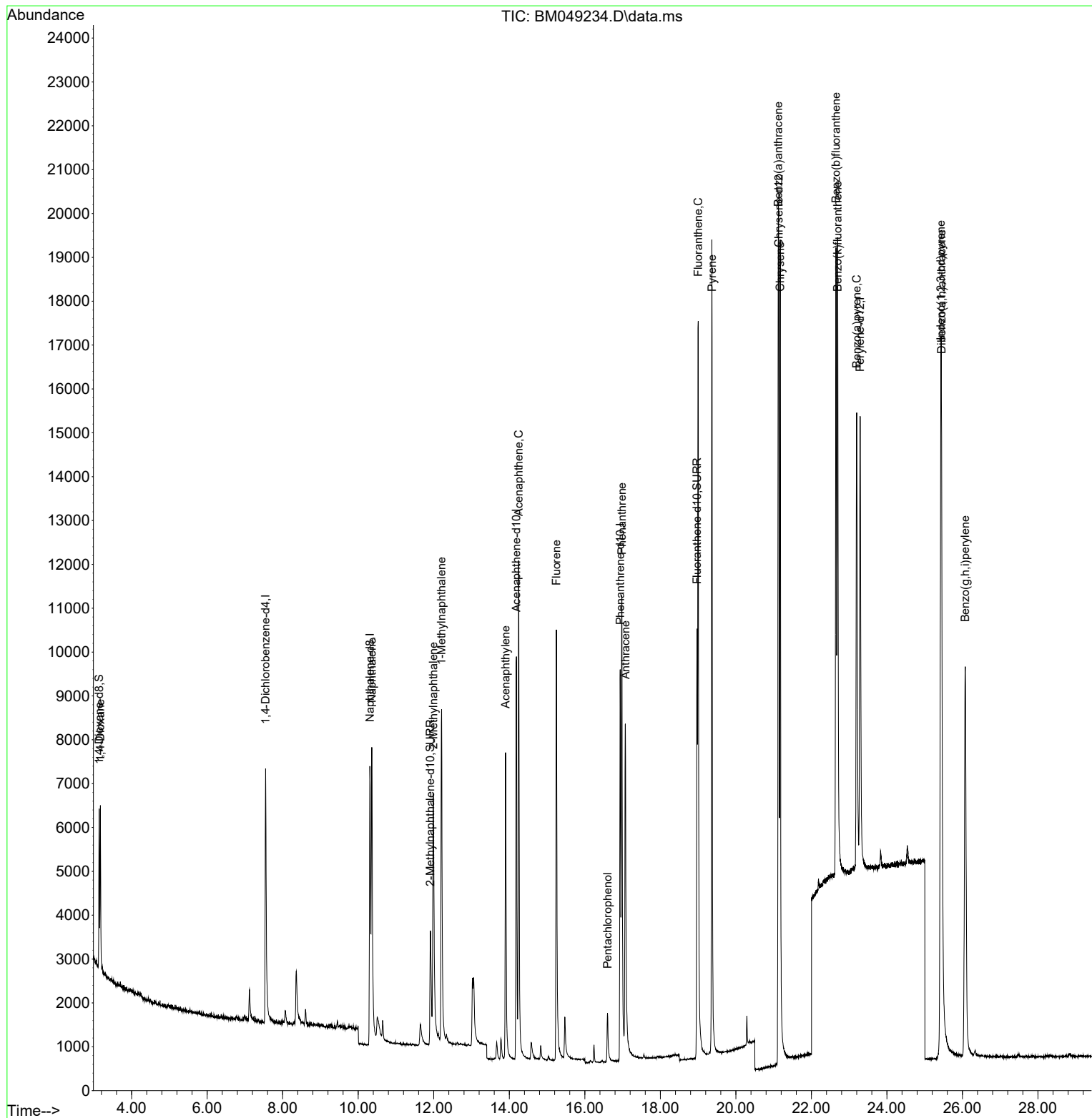
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	4102	0.400	ng/ul	0.00
4) Naphthalene-d8	10.309	136	11428	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.187	164	6320	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.938	188	13647	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	12694	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	14726	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	2073	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	5877	0.383	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	13608	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	2229	0.403	ng/ul#	85
5) Naphthalene	10.359	128	11463	0.401	ng/ul	99
7) 2-Methylnaphthalene	11.987	142	6828	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.207	142	7179	0.387	ng/ul	98
10) Acenaphthylene	13.900	152	10092	0.385	ng/ul	99
11) Acenaphthene	14.247	153	7596	0.397	ng/ul	98
12) Fluorene	15.247	166	8413	0.390	ng/ul	99
14) Pentachlorophenol	16.601	266	1218	0.323	ng/ul	99
15) Phenanthrene	16.981	178	13306	0.373	ng/ul	99
16) Anthracene	17.074	178	12095	0.370	ng/ul	98
19) Fluoranthene	19.002	202	17448	0.380	ng/ul	99
20) Pyrene	19.364	202	18491	0.378	ng/ul	99
21) Benzo(a)anthracene	21.122	228	15896	0.360	ng/ul	99
22) Chrysene	21.172	228	19193	0.405	ng/ul	99
24) Benzo(b)fluoranthene	22.650	252	18620	0.396	ng/ul	98
25) Benzo(k)fluoranthene	22.694	252	20710	0.401	ng/ul	98
26) Benzo(a)pyrene	23.200	252	17695	0.392	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.426	276	24285	0.380	ng/ul	99
28) Dibenzo(a,h)anthracene	25.443	278	18643	0.376	ng/ul	98
29) Benzo(g,h,i)perylene	26.074	276	19921	0.388	ng/ul	99

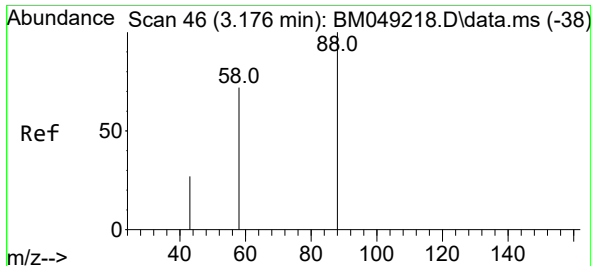
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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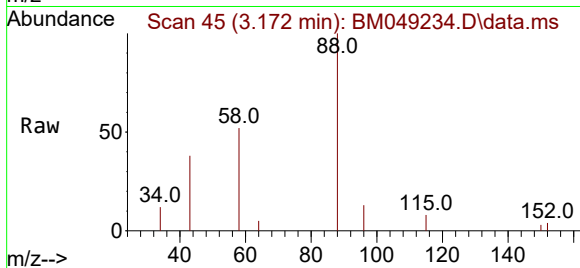
Quant Time: Dec 26 21:59:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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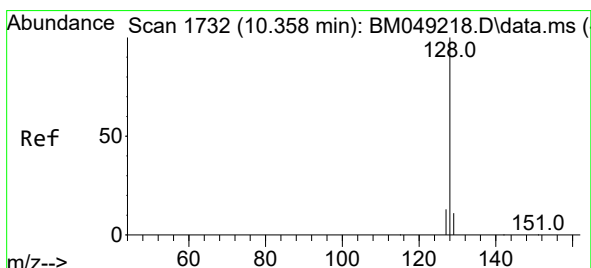
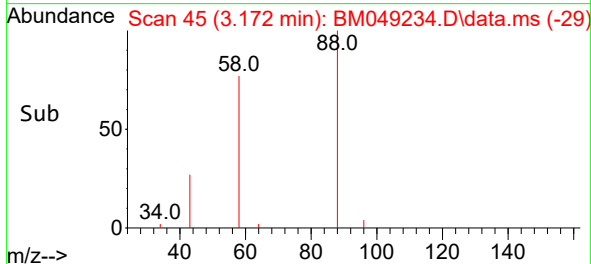
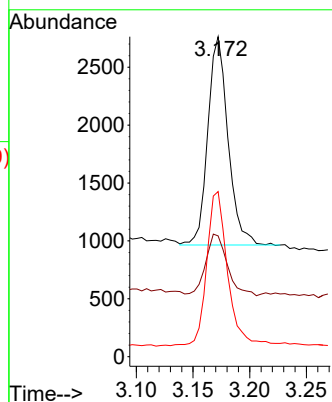
#2
1,4-Dioxane
Concen: 0.403 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4129



Tgt Ion: 88 Resp: 2229

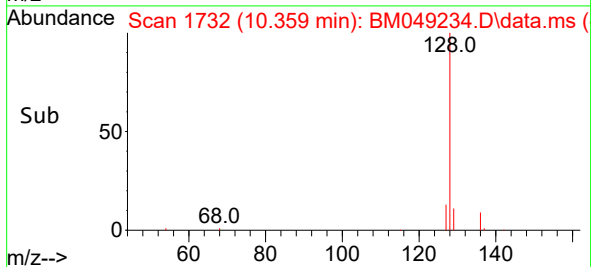
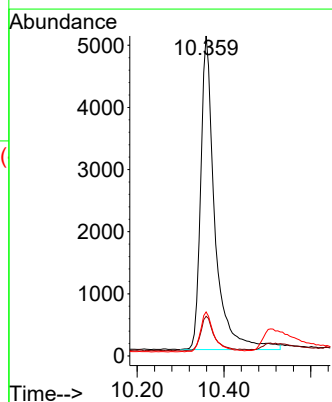
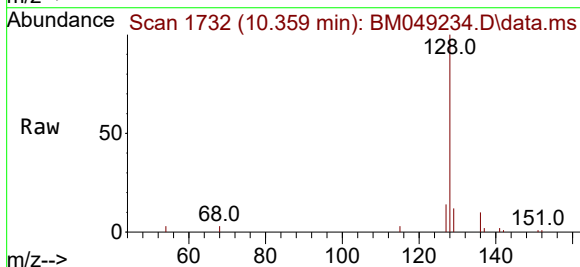
Ion	Ratio	Lower	Upper
88	100		
43	37.7	45.4	68.2#
58	51.6	43.6	65.4

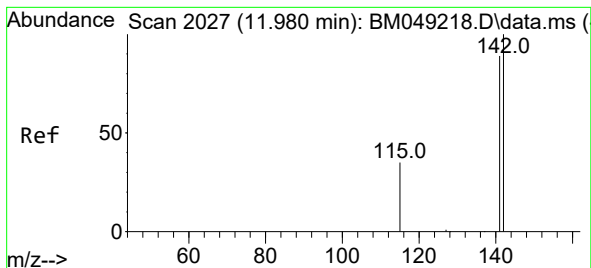


#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. 0.001 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion: 128 Resp: 11463

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.7	14.5
127	13.7	10.6	16.0

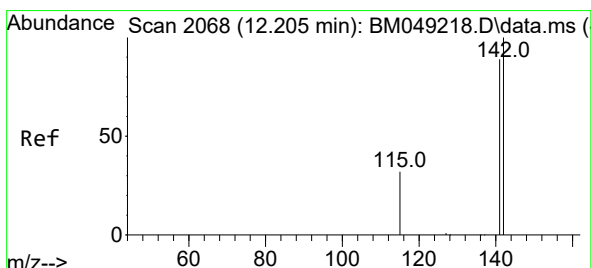
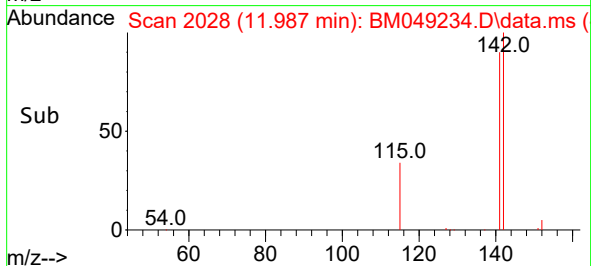
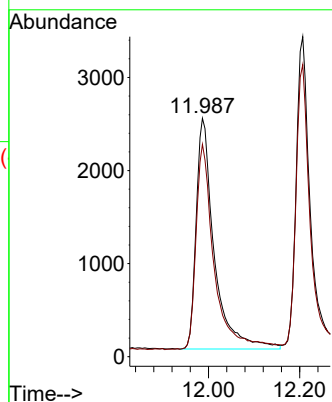
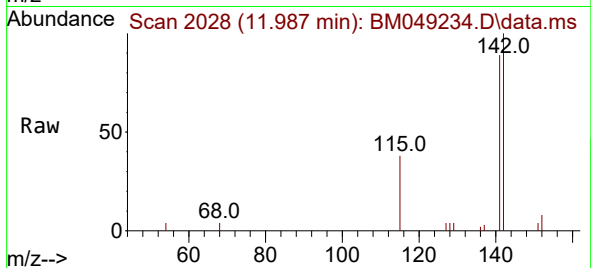




#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 11.987 min Scan# 2027
Delta R.T. 0.007 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

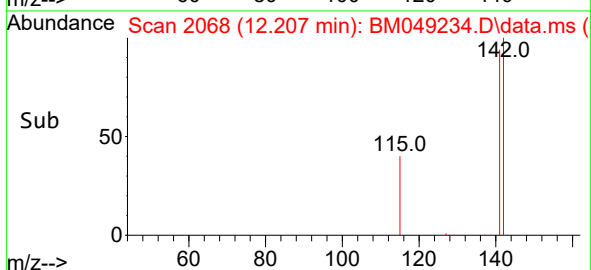
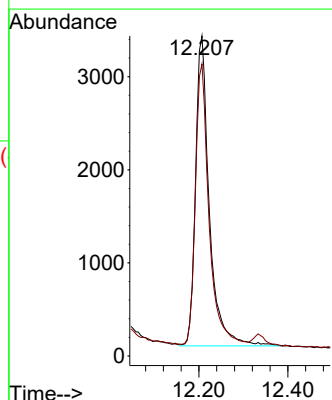
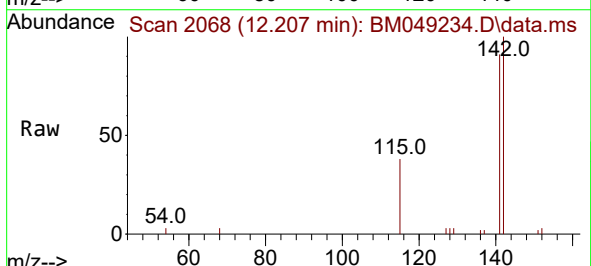
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

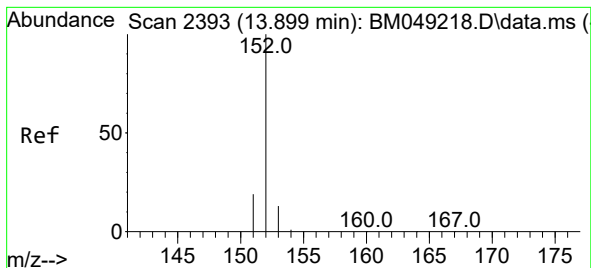
Tgt Ion:142 Resp: 6828
Ion Ratio Lower Upper
142 100
141 90.3 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:142 Resp: 7179
Ion Ratio Lower Upper
142 100
141 88.6 72.7 109.1





#10

Acenaphthylene

Concen: 0.385 ng/ul

RT: 13.900 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM049234.D

Acq: 26 Dec 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.4129

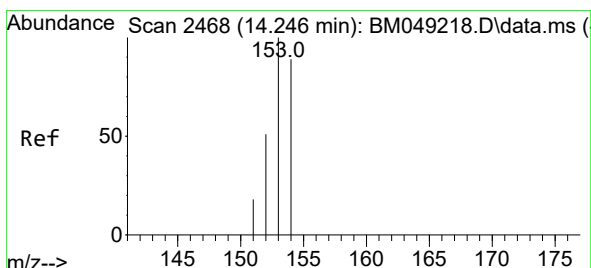
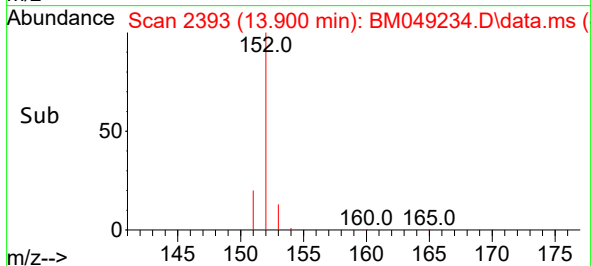
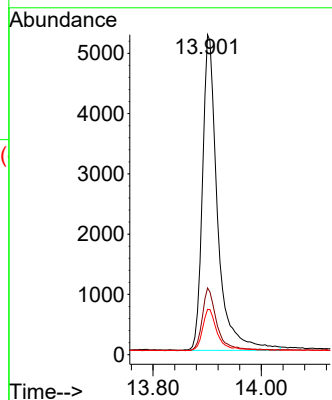
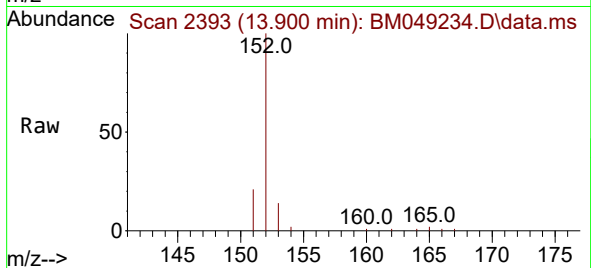
Tgt Ion:152 Resp: 10092

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 14.2 11.0 16.6



#11

Acenaphthene

Concen: 0.397 ng/ul

RT: 14.247 min Scan# 2468

Delta R.T. 0.001 min

Lab File: BM049234.D

Acq: 26 Dec 2024 20:33

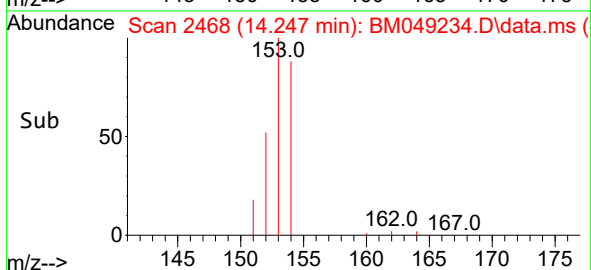
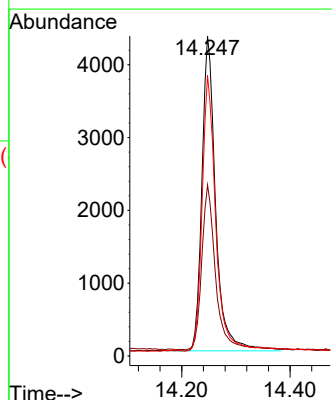
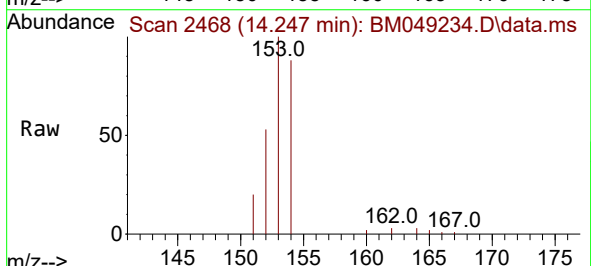
Tgt Ion:153 Resp: 7596

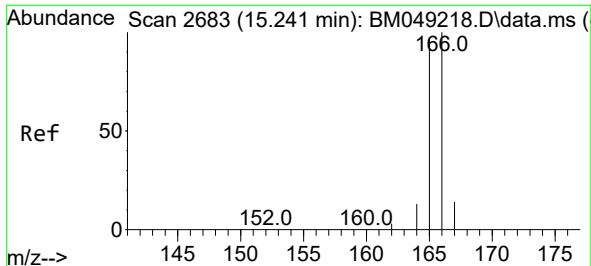
Ion Ratio Lower Upper

153 100

152 53.5 40.7 61.1

154 87.6 70.8 106.2

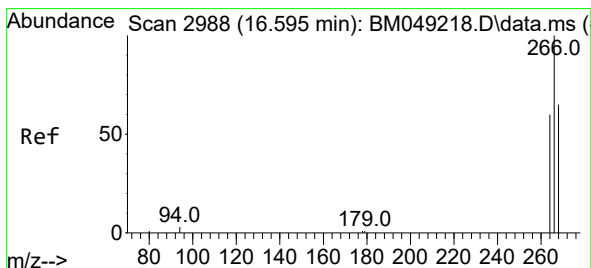
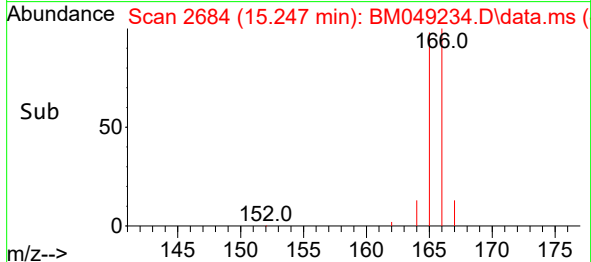
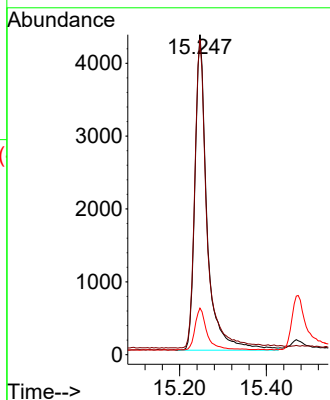
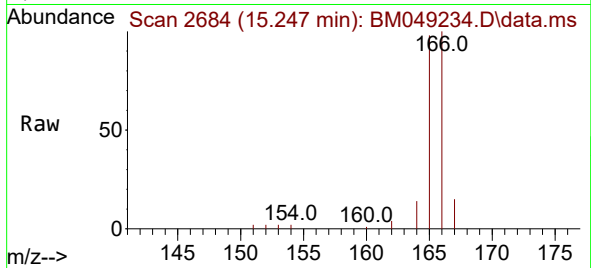




#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.247 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

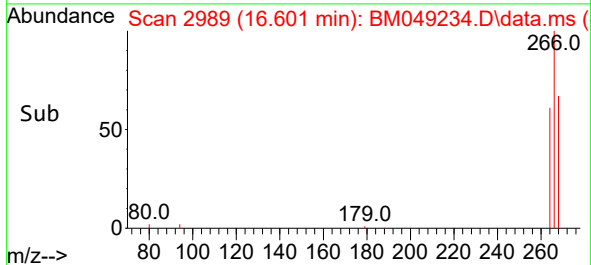
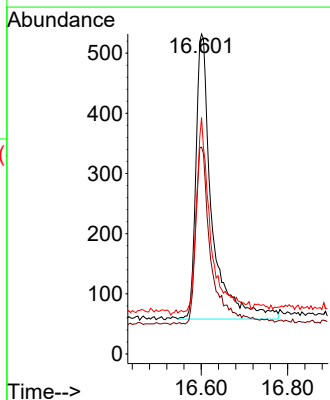
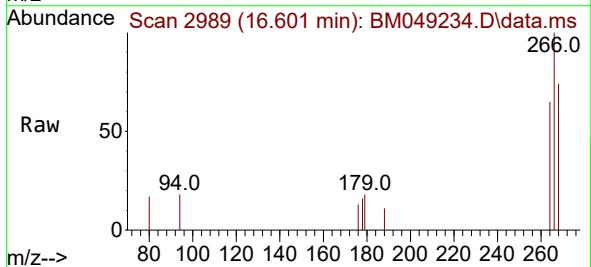
Instrument :
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ClientSampleId :
SSTD0.4129

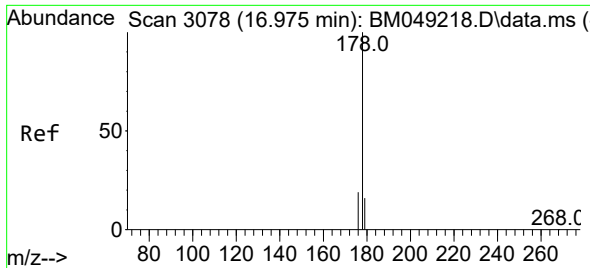
Tgt Ion:166 Resp: 8413
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.323 ng/ul
RT: 16.601 min Scan# 2989
Delta R.T. 0.005 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:266 Resp: 1218
Ion Ratio Lower Upper
266 100
264 59.9 48.3 72.5
268 60.1 47.5 71.3

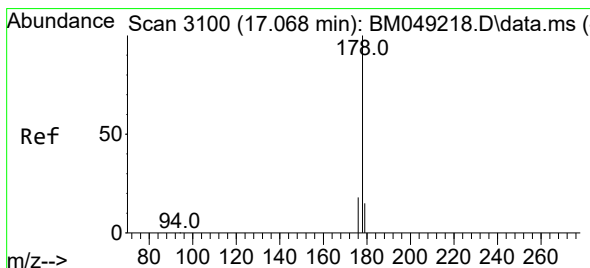
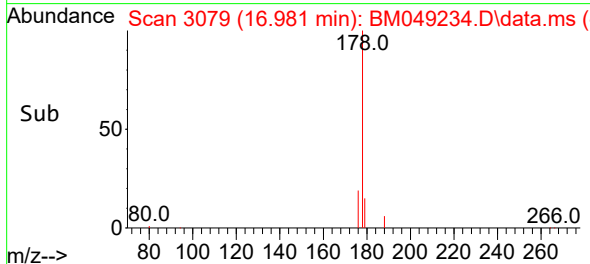
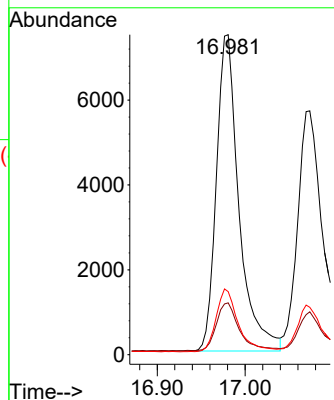
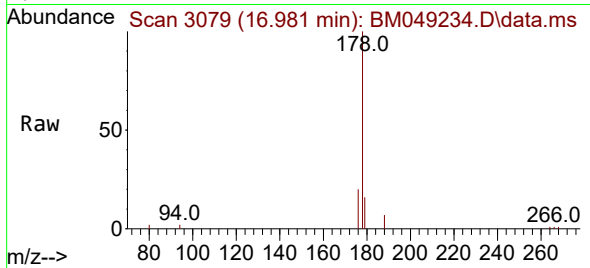




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. 0.005 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

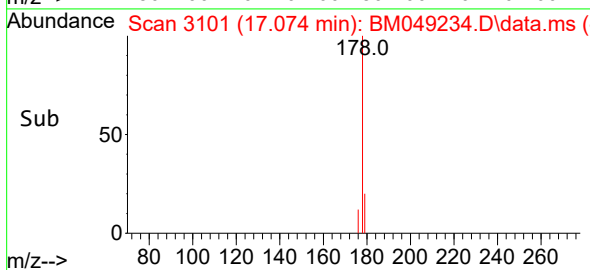
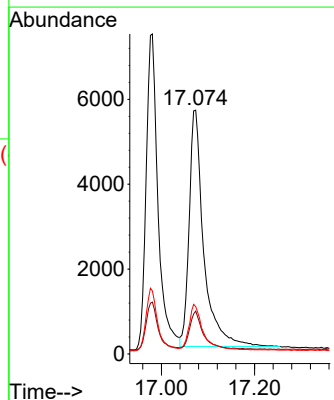
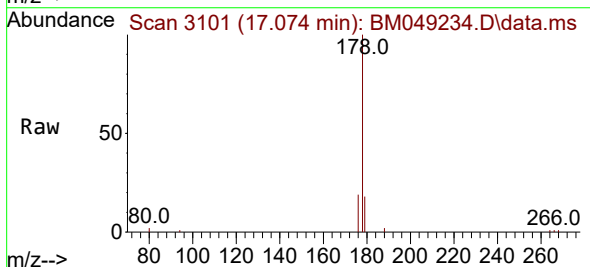
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

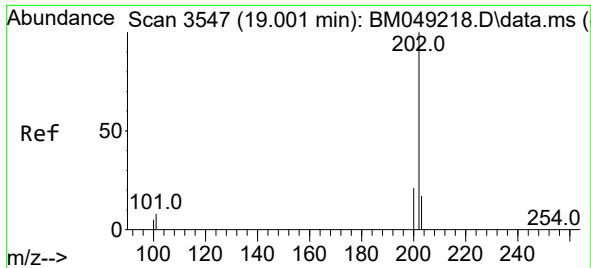
Tgt Ion:178 Resp: 13306
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.7 16.2 24.2



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.074 min Scan# 3101
Delta R.T. 0.005 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:178 Resp: 12095
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 19.4 15.3 22.9

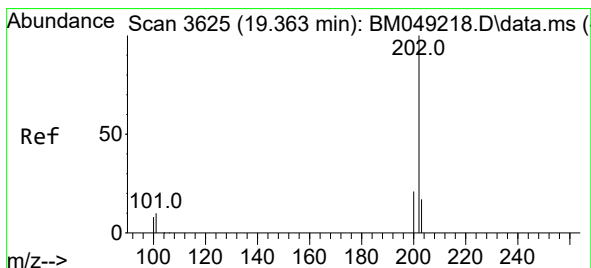
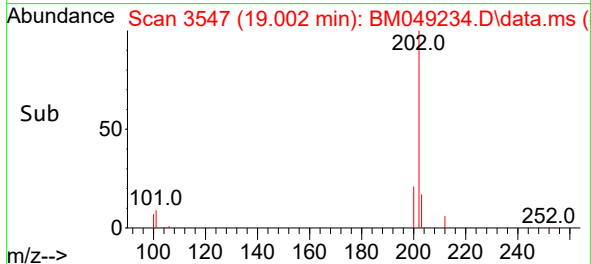
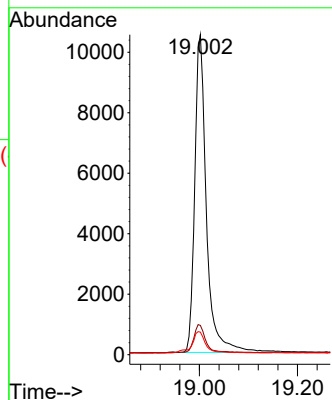
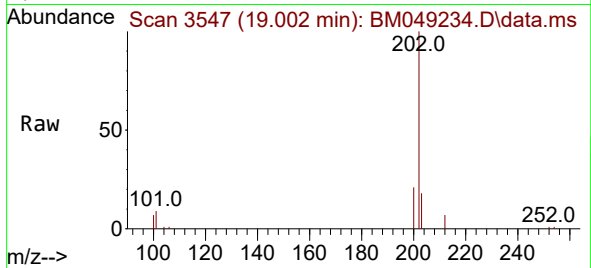




#19
Fluoranthene
Concen: 0.380 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. 0.001 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

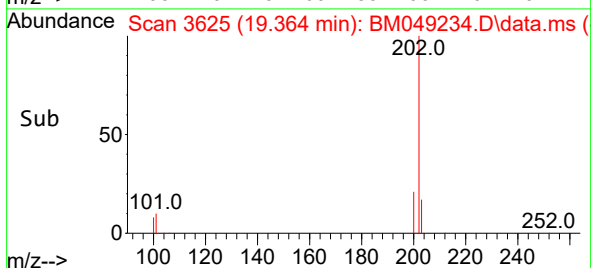
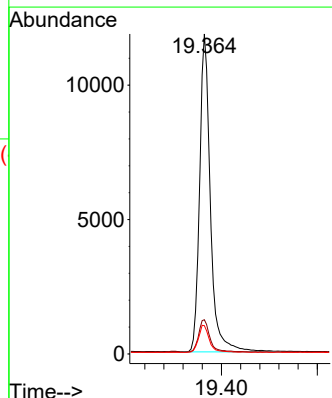
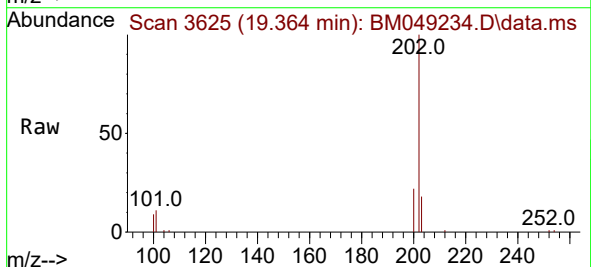
Instrument :
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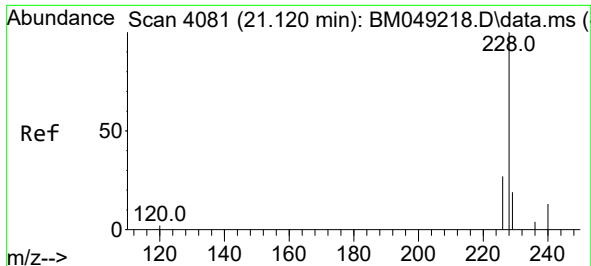
Tgt Ion:202 Resp: 17448
Ion Ratio Lower Upper
202 100
101 9.2 7.6 11.4
100 7.0 5.5 8.3



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.364 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:202 Resp: 18491
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 8.9 6.9 10.3

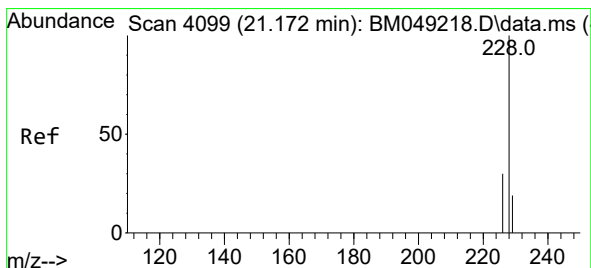
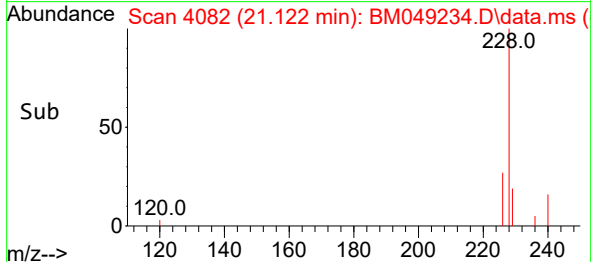
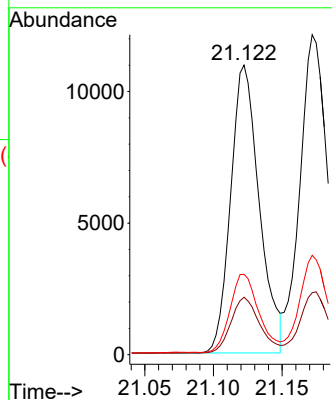
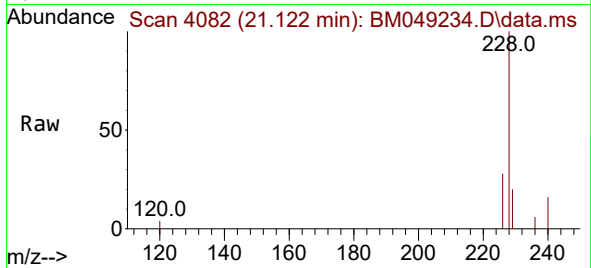




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. 0.002 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

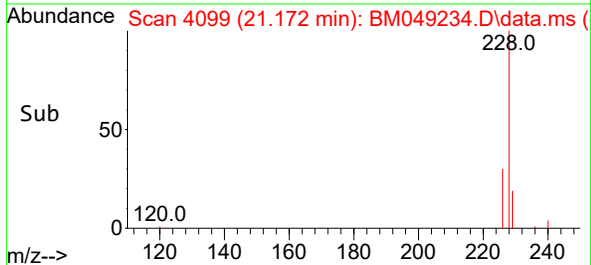
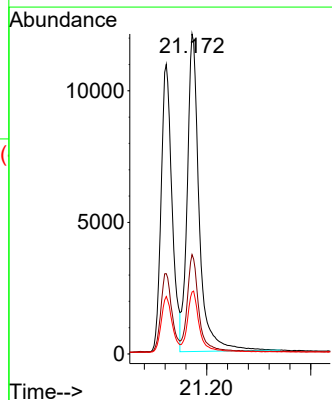
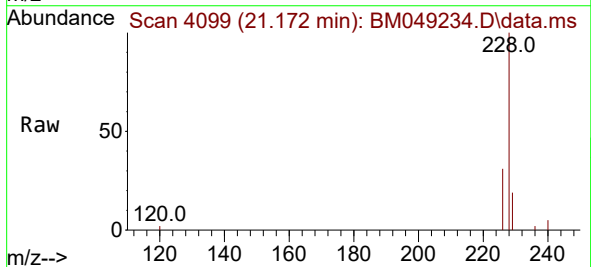
Instrument :
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SSTD0.4129

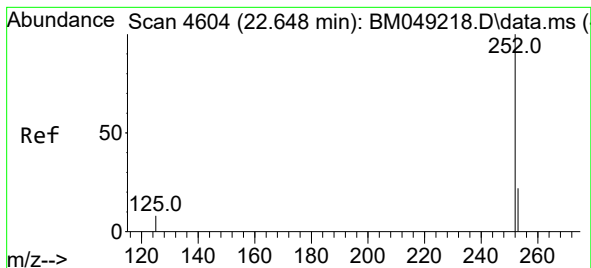
Tgt Ion:228 Resp: 15896
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.7 22.6 34.0



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.000 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:228 Resp: 19193
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 19.4 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 0.396 ng/ul

RT: 22.650 min Scan# 4605

Delta R.T. 0.002 min

Lab File: BM049234.D

Acq: 26 Dec 2024 20:33

Instrument :

BNA_M

ClientSampleId :

SSTD0.4129

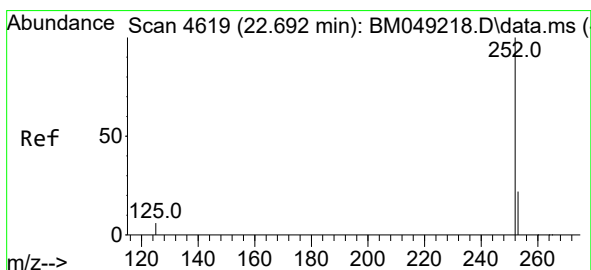
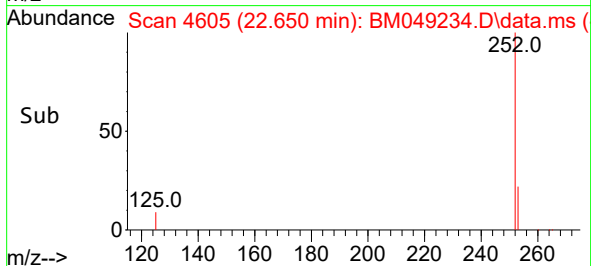
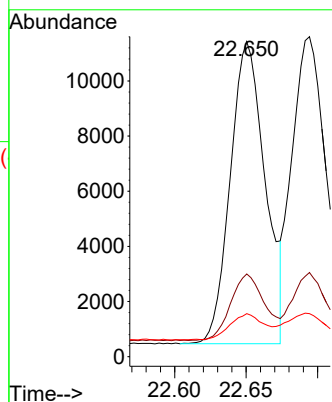
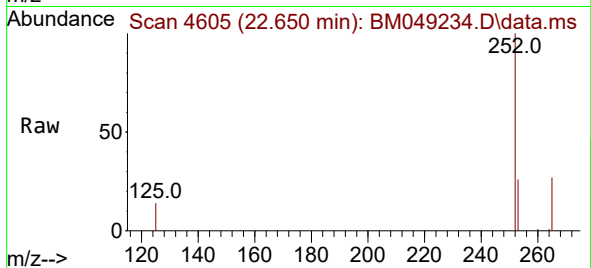
Tgt Ion:252 Resp: 18620

Ion Ratio Lower Upper

252 100

253 26.2 0.0 52.6

125 13.6 0.0 30.8



#25

Benzo(k)fluoranthene

Concen: 0.401 ng/ul

RT: 22.694 min Scan# 4620

Delta R.T. 0.002 min

Lab File: BM049234.D

Acq: 26 Dec 2024 20:33

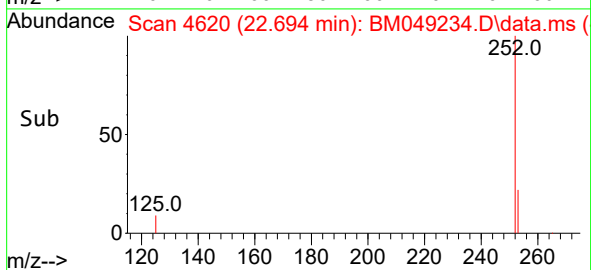
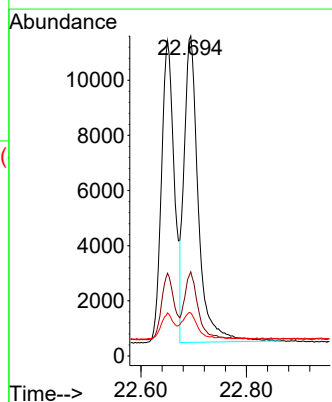
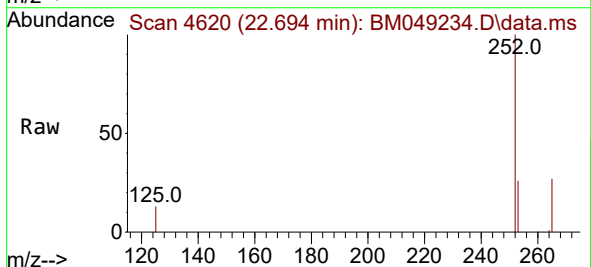
Tgt Ion:252 Resp: 20710

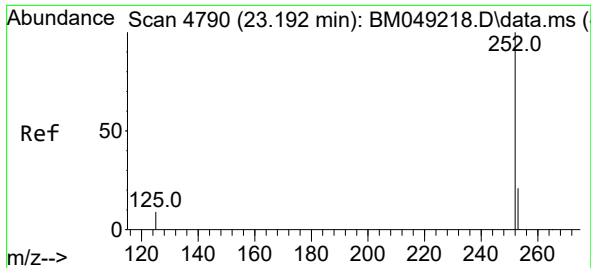
Ion Ratio Lower Upper

252 100

253 26.3 21.3 31.9

125 13.5 12.6 18.8

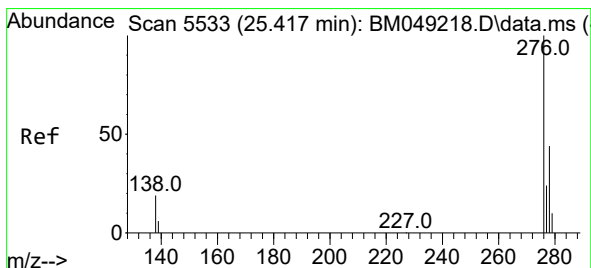
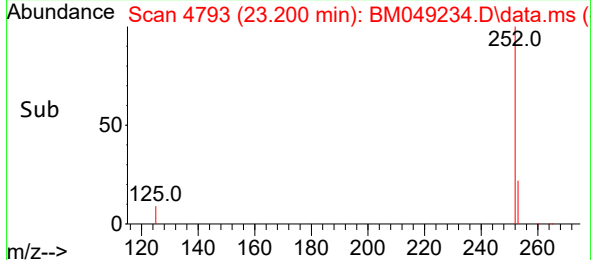
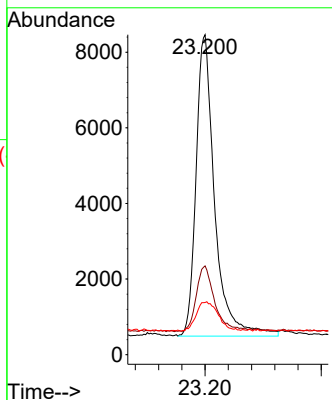
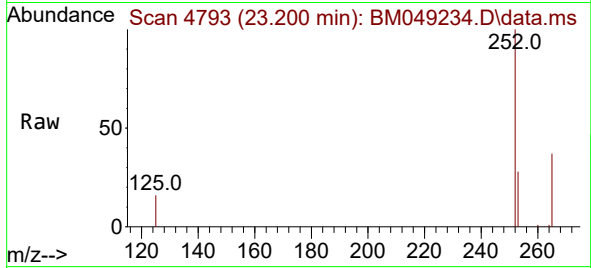




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.200 min Scan# 4790
Delta R.T. 0.008 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

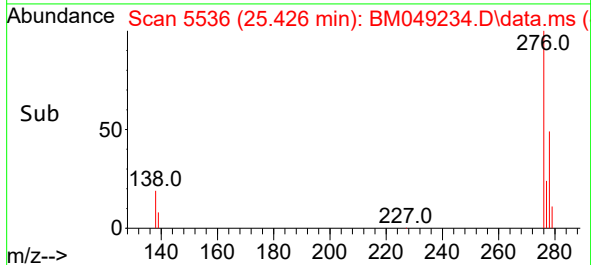
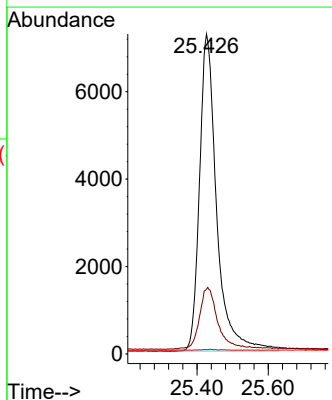
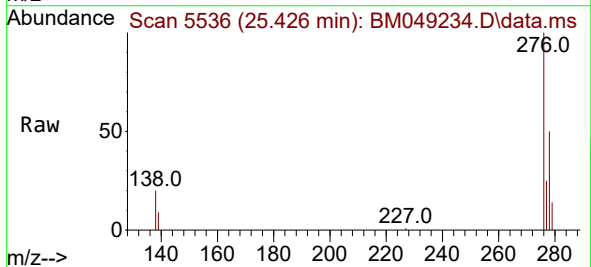
Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

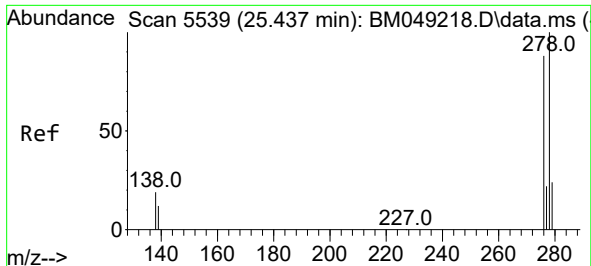
Tgt Ion:252 Resp: 17695
Ion Ratio Lower Upper
252 100
253 27.8 22.4 33.6
125 16.3 14.8 22.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 25.426 min Scan# 5536
Delta R.T. 0.010 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:276 Resp: 24285
Ion Ratio Lower Upper
276 100
138 21.2 17.4 26.2
227 0.2 0.2 0.2

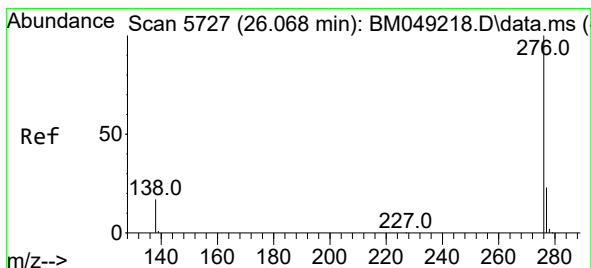
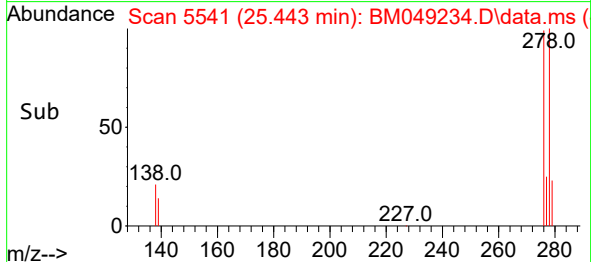
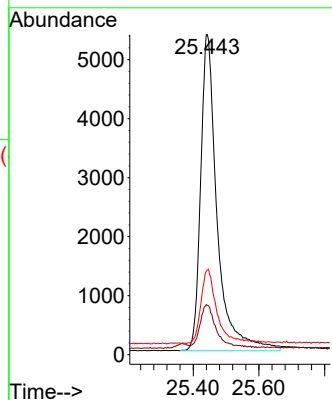
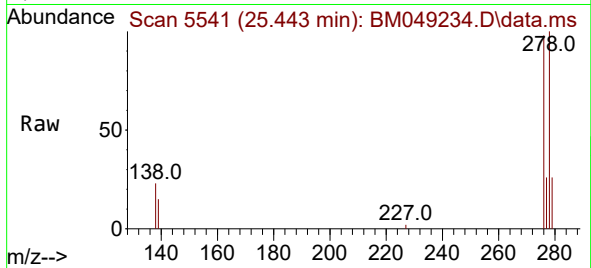




#28
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 25.443 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

Tgt Ion:278 Resp: 18643
Ion Ratio Lower Upper
278 100
139 15.4 13.5 20.3
279 26.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. 0.006 min
Lab File: BM049234.D
Acq: 26 Dec 2024 20:33

Tgt Ion:276 Resp: 19921
Ion Ratio Lower Upper
276 100
138 19.6 16.7 25.1
277 25.0 19.9 29.9

