

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048419.D
 Acq On : 02 Nov 2024 06:49
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

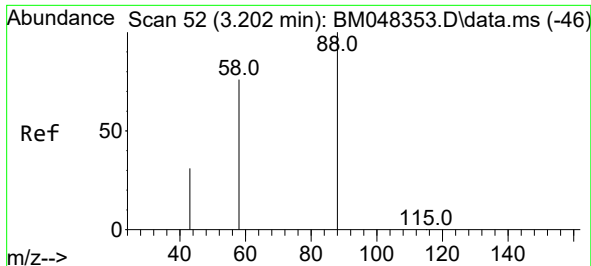
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4069

Quant Time: Nov 03 21:52:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	2616	0.400	ng/ul	0.04
4) Naphthalene-d8	10.552	136	10158	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.373	164	5773	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.137	188	11262	0.400	ng/ul	0.02
17) Chrysene-d12	21.303	240	9571	0.400	ng/ul	0.01
23) Perylene-d12	23.539	264	9939	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1886	0.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	4767	0.369	ng/ul	0.03
18) Fluoranthene-d10	19.151	212	10801	0.445	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	2260	0.648	ng/ul#	91
5) Naphthalene	10.601	128	10130	0.382	ng/ul	97
7) 2-Methylnaphthalene	12.245	142	5464	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.432	142	6629	0.394	ng/ul	100
10) Acenaphthylene	14.100	152	8385	0.376	ng/ul	98
11) Acenaphthene	14.437	153	7134	0.399	ng/ul	98
12) Fluorene	15.455	166	7409	0.373	ng/ul	98
14) Pentachlorophenol	16.812	266	868	0.277	ng/ul	93
15) Phenanthrene	17.179	178	10442	0.373	ng/ul	97
16) Anthracene	17.306	178	9051	0.345	ng/ul	96
19) Fluoranthene	19.183	202	14208	0.431	ng/ul	99
20) Pyrene	19.537	202	15241	0.430	ng/ul	99
21) Benzo(a)anthracene	21.295	228	9065	0.316	ng/ul	99
22) Chrysene	21.339	228	17539	0.445	ng/ul	99
24) Benzo(b)fluoranthene	22.864	252	12371	0.364	ng/ul	96
25) Benzo(k)fluoranthene	22.911	252	16872	0.420	ng/ul	96
26) Benzo(a)pyrene	23.449	252	12106	0.380	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.839	276	15903	0.357	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.863	278	12113	0.348	ng/ul	93
29) Benzo(g,h,i)perylene	26.513	276	14332	0.381	ng/ul	98

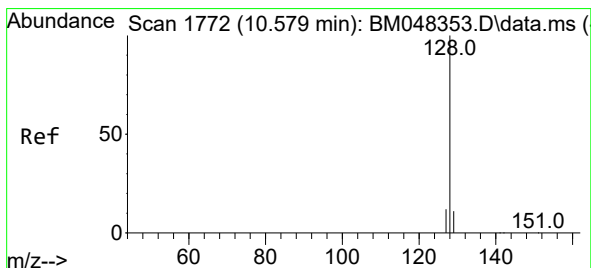
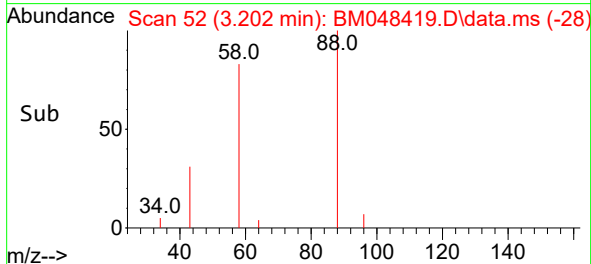
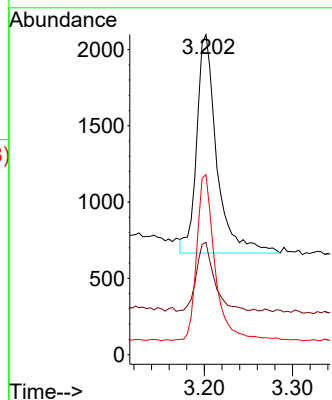
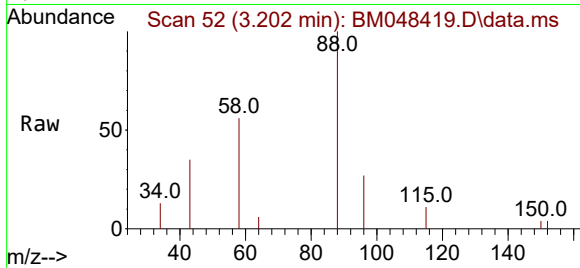
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.648 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

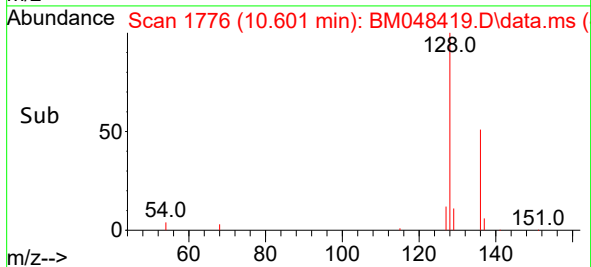
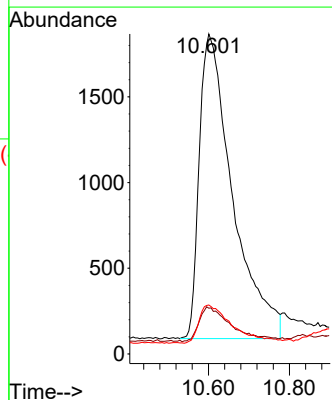
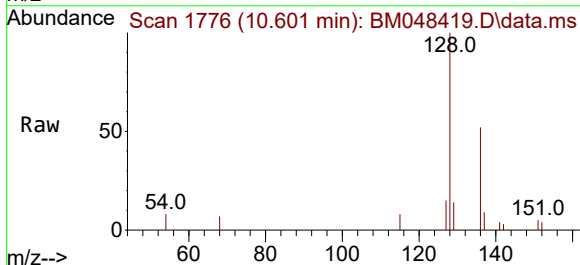
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

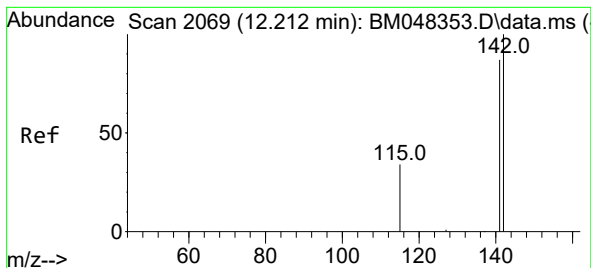
Tgt Ion: 88 Resp: 2260
Ion Ratio Lower Upper
88 100
43 35.1 36.2 54.4#
58 56.3 47.4 71.0



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. 0.022 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion: 128 Resp: 10130
Ion Ratio Lower Upper
128 100
129 14.3 10.6 15.8
127 15.3 11.4 17.2

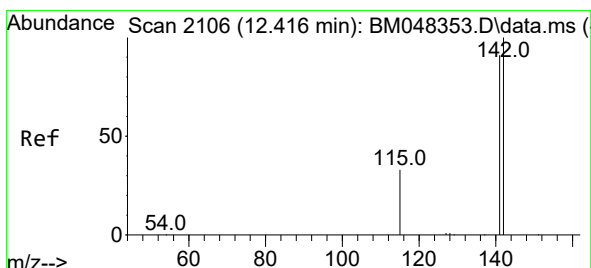
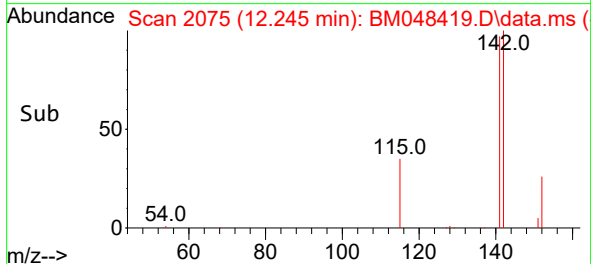
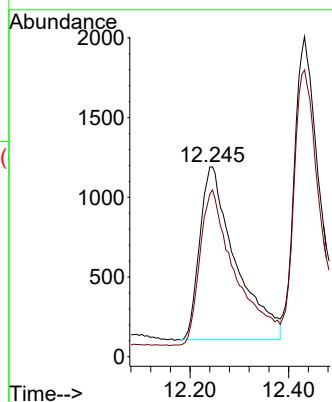
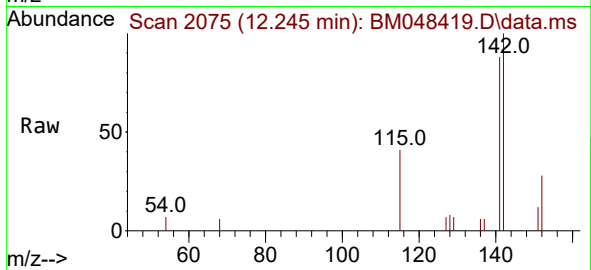




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.245 min Scan# 2069
Delta R.T. 0.033 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

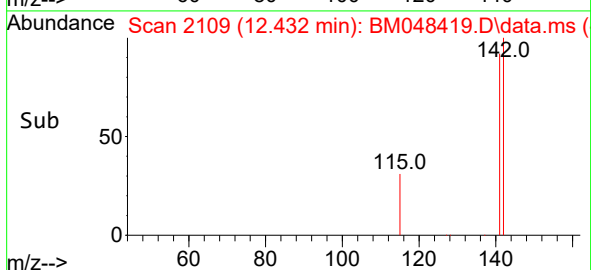
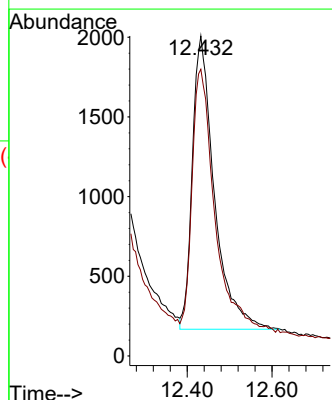
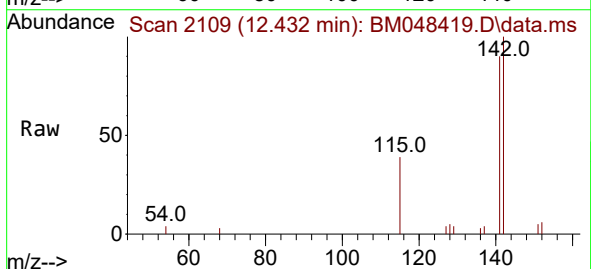
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

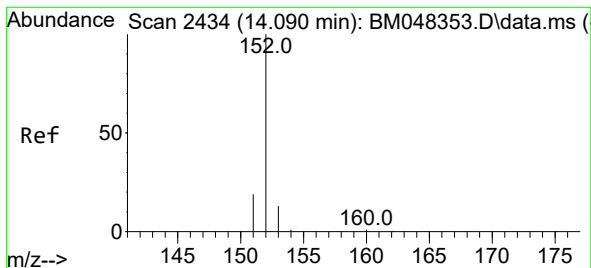
Tgt Ion:142 Resp: 5464
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.432 min Scan# 2109
Delta R.T. 0.017 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion:142 Resp: 6629
Ion Ratio Lower Upper
142 100
141 94.0 75.5 113.3





#10

Acenaphthylene

Concen: 0.376 ng/ul

RT: 14.100 min Scan# 2436

Delta R.T. 0.009 min

Lab File: BM048419.D

Acq: 02 Nov 2024 06:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4069

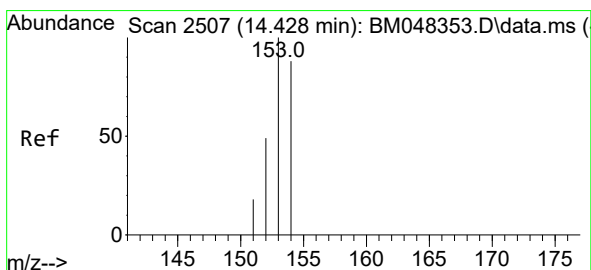
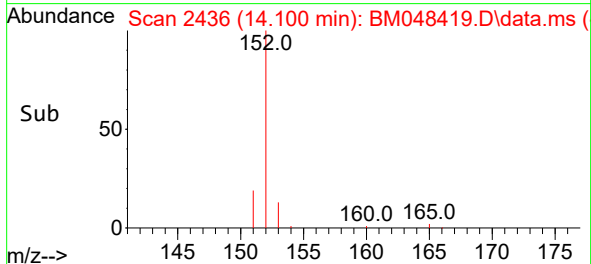
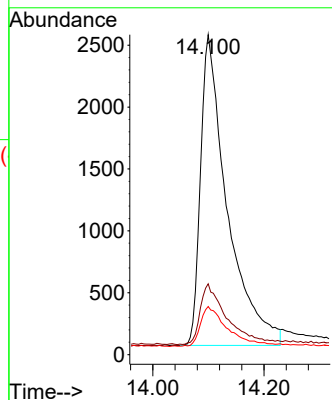
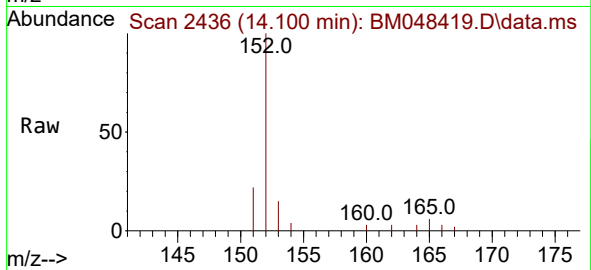
Tgt Ion:152 Resp: 8385

Ion Ratio Lower Upper

152 100

151 22.1 16.6 24.8

153 15.0 11.8 17.6



#11

Acenaphthene

Concen: 0.399 ng/ul

RT: 14.437 min Scan# 2509

Delta R.T. 0.009 min

Lab File: BM048419.D

Acq: 02 Nov 2024 06:49

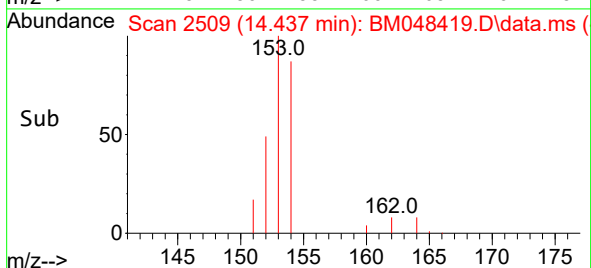
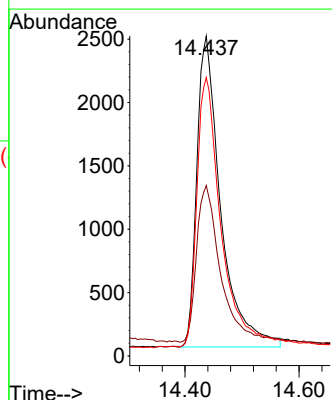
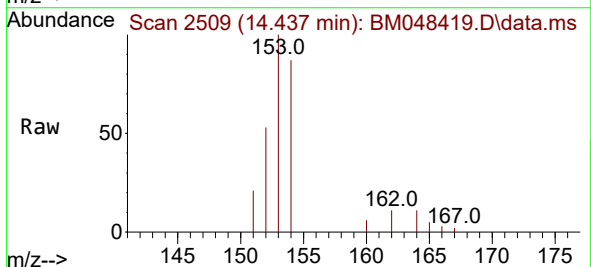
Tgt Ion:153 Resp: 7134

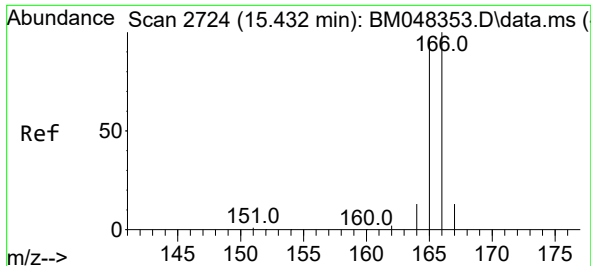
Ion Ratio Lower Upper

153 100

152 53.2 40.7 61.1

154 87.0 70.6 106.0

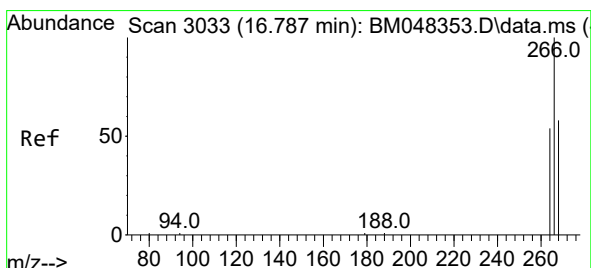
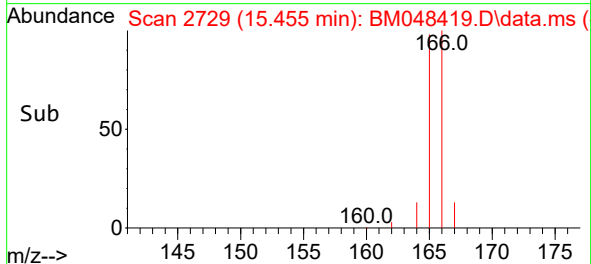
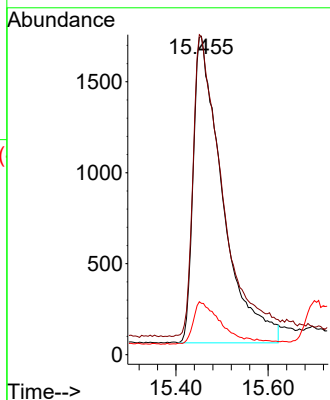
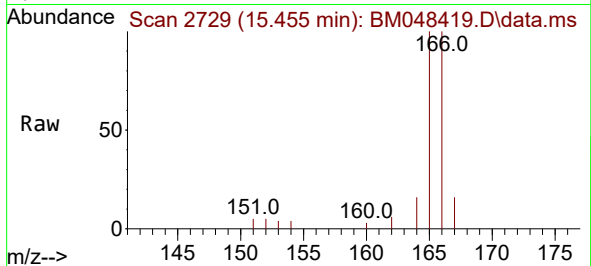




#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.455 min Scan# 21
Delta R.T. 0.023 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

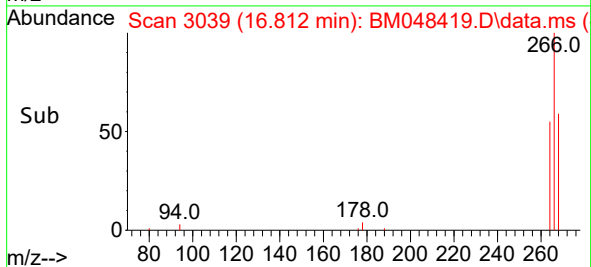
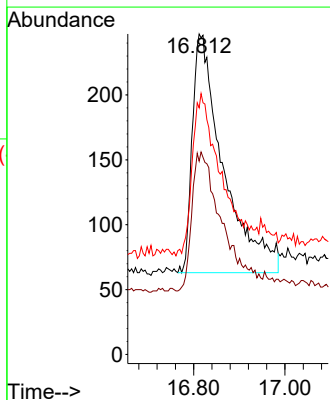
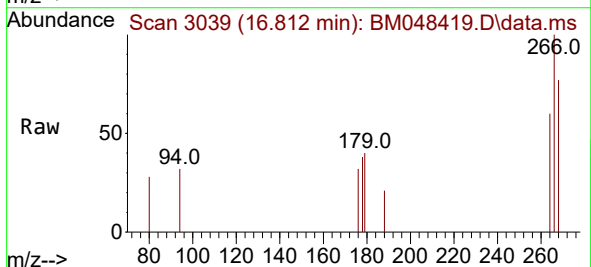
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

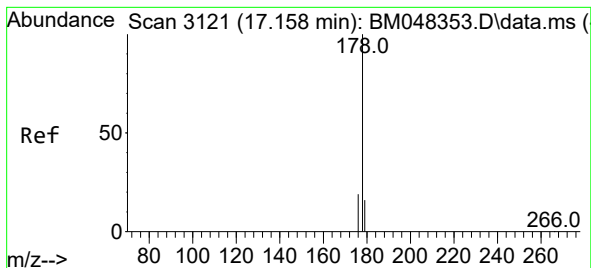
Tgt Ion:166 Resp: 7409
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 16.1 12.1 18.1



#14
Pentachlorophenol
Concen: 0.277 ng/ul
RT: 16.812 min Scan# 3039
Delta R.T. 0.025 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion:266 Resp: 868
Ion Ratio Lower Upper
266 100
264 57.3 48.3 72.5
268 65.6 46.2 69.4





#15

Phenanthrene

Concen: 0.373 ng/ul

RT: 17.179 min Scan# 3121

Delta R.T. 0.021 min

Lab File: BM048419.D

Acq: 02 Nov 2024 06:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4069

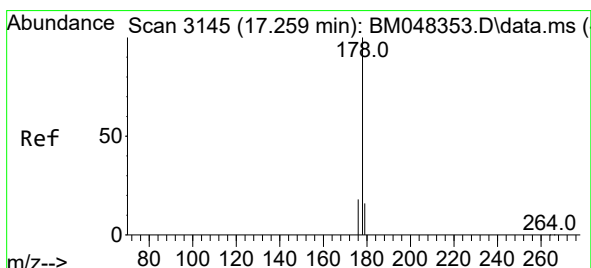
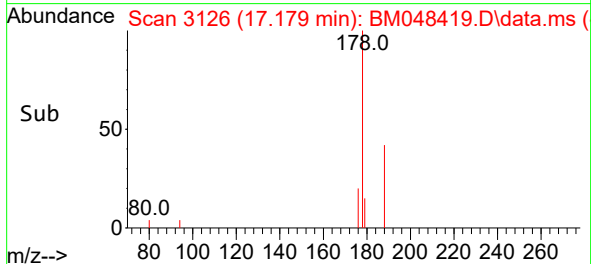
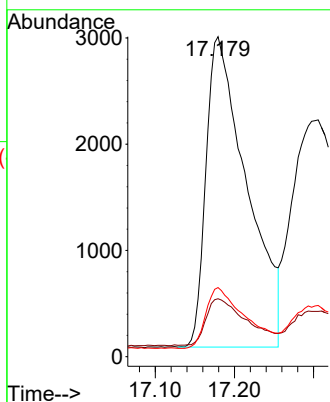
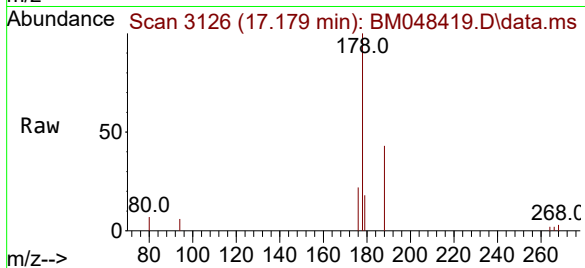
Tgt Ion:178 Resp: 10442

Ion Ratio Lower Upper

178 100

179 18.1 13.9 20.9

176 21.6 16.0 24.0



#16

Anthracene

Concen: 0.345 ng/ul

RT: 17.306 min Scan# 3156

Delta R.T. 0.046 min

Lab File: BM048419.D

Acq: 02 Nov 2024 06:49

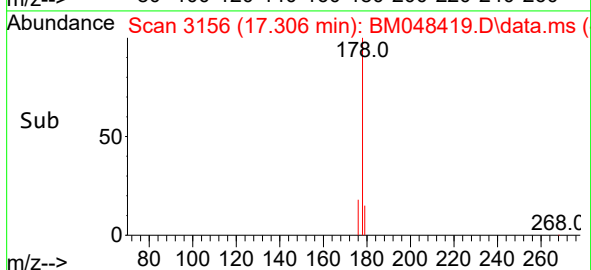
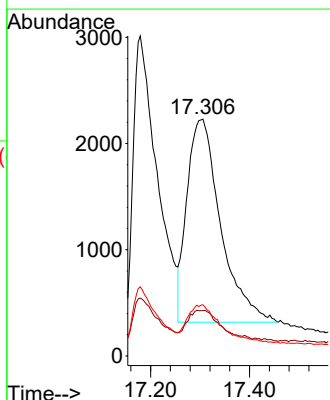
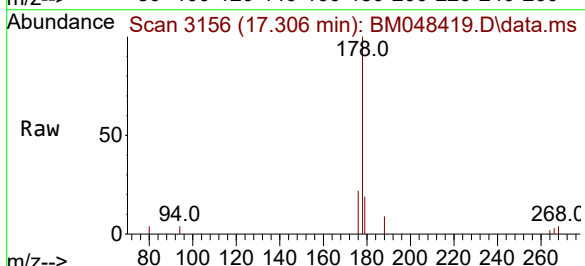
Tgt Ion:178 Resp: 9051

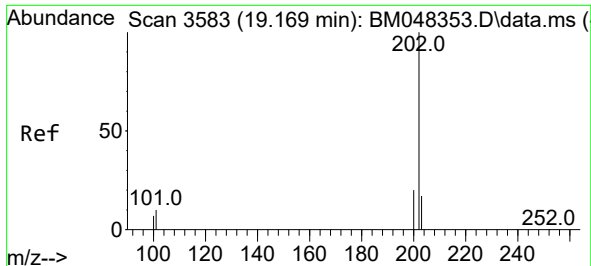
Ion Ratio Lower Upper

178 100

179 19.1 14.2 21.2

176 21.6 15.8 23.6

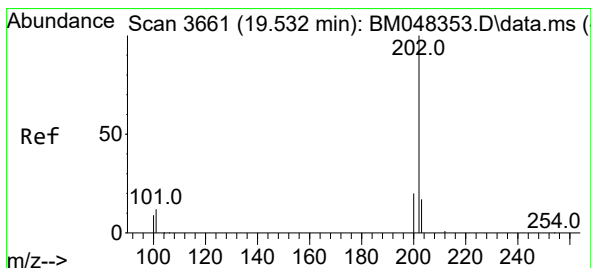
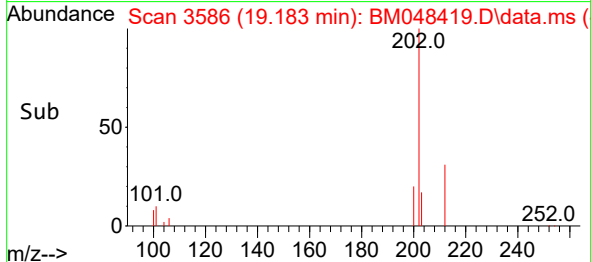
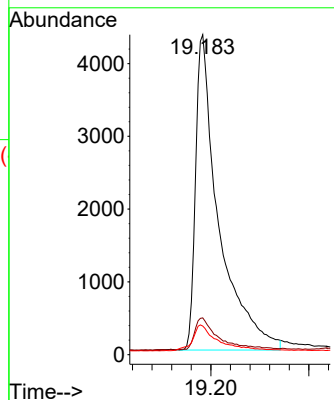
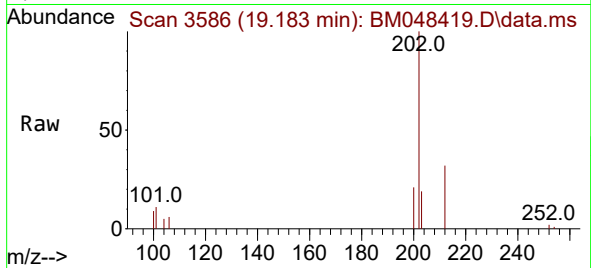




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.183 min Scan# 3586
Delta R.T. 0.014 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

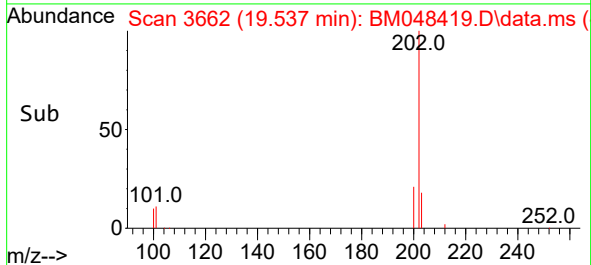
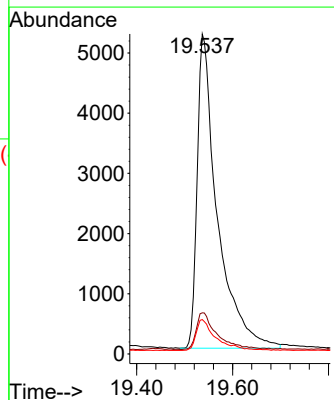
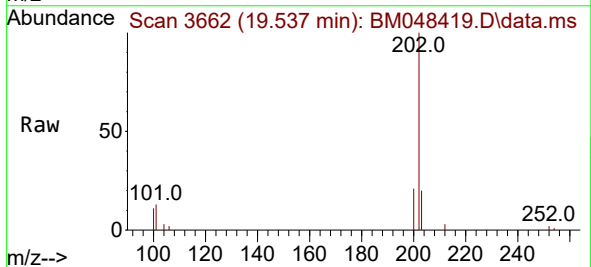
Instrument :
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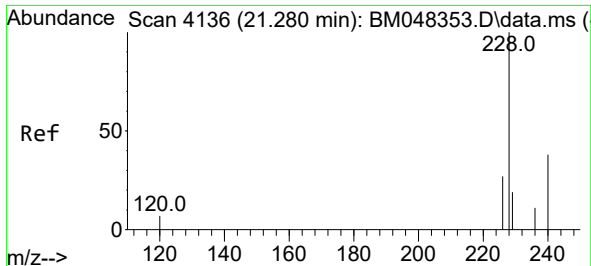
Tgt Ion:202 Resp: 14208
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
100 8.9 6.6 10.0



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.537 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion:202 Resp: 15241
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.7 8.0 12.0

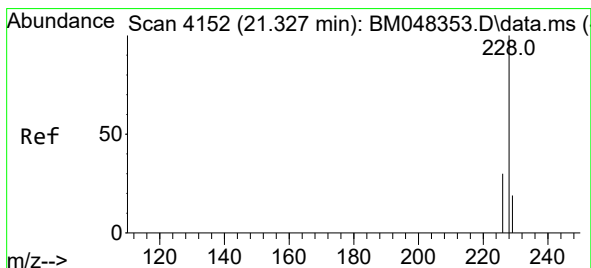
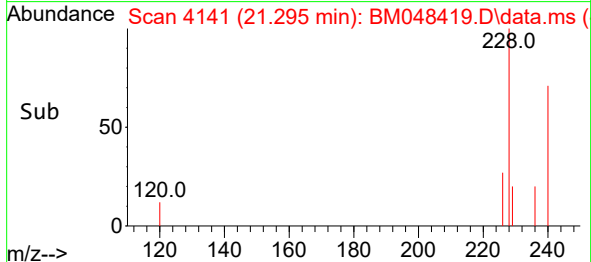
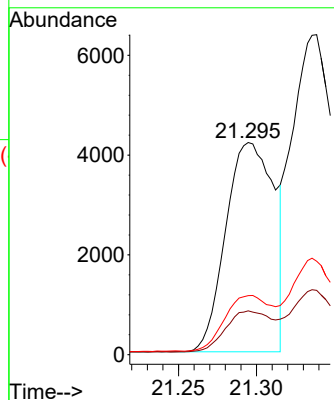
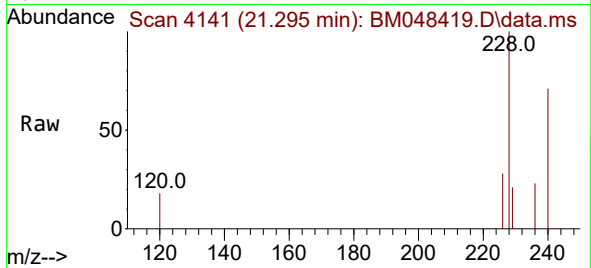




#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.295 min Scan# 4136
Delta R.T. 0.015 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

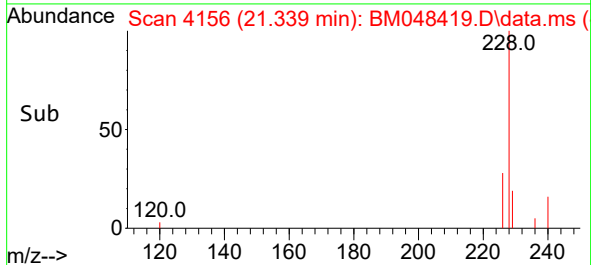
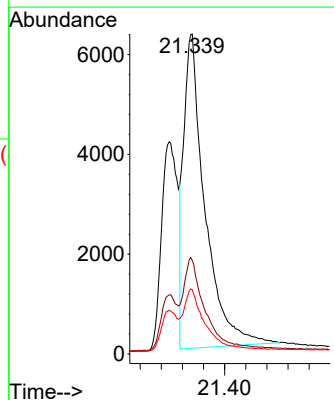
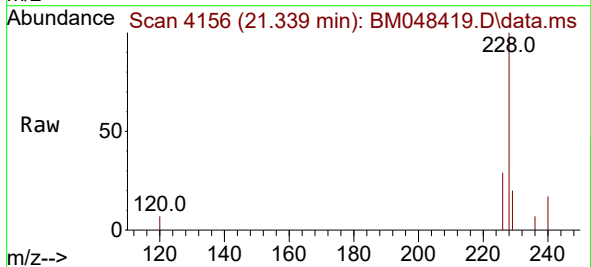
Instrument :
BNA_M
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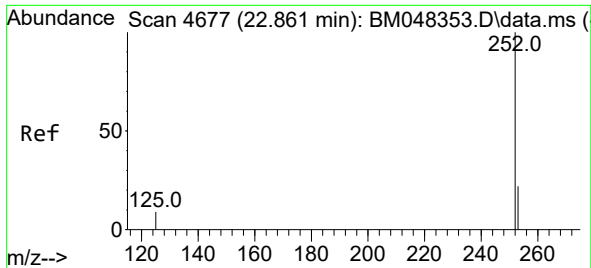
Tgt Ion:228 Resp: 9065
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.339 min Scan# 4156
Delta R.T. 0.012 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion:228 Resp: 17539
Ion Ratio Lower Upper
228 100
226 29.2 24.1 36.1
229 20.1 15.9 23.9

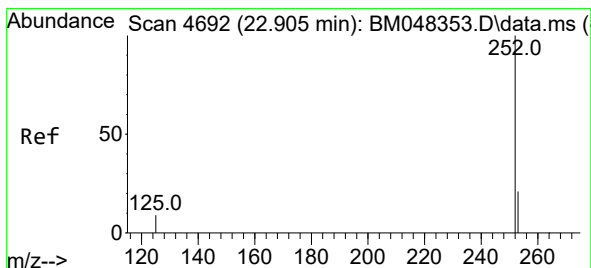
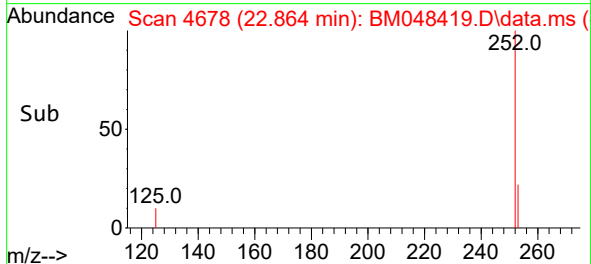
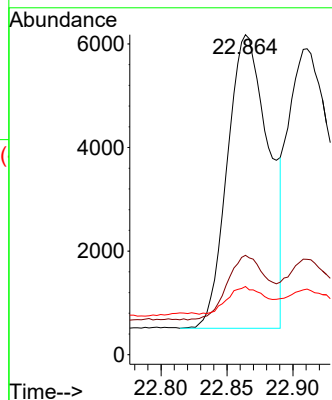
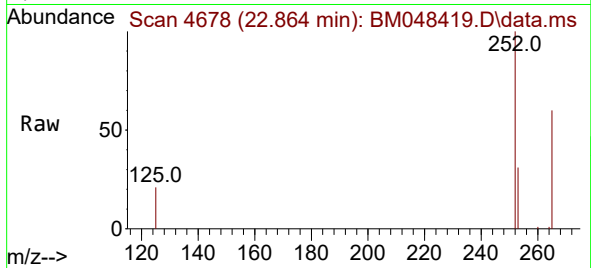




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 22.864 min Scan# 4677
Delta R.T. 0.003 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

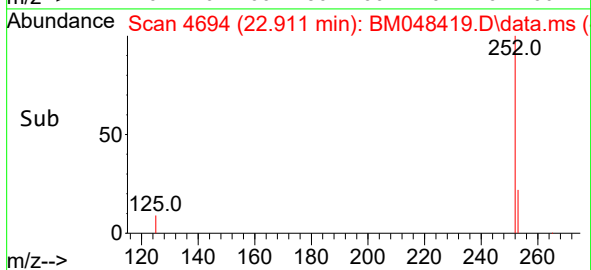
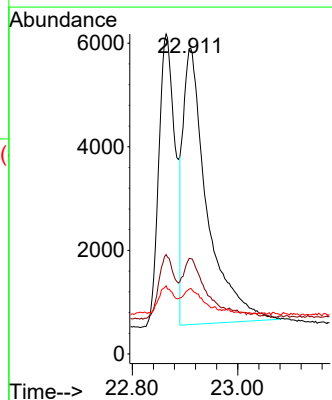
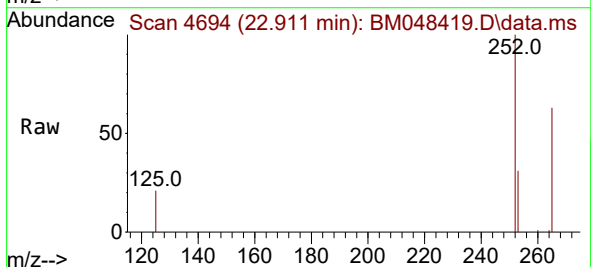
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

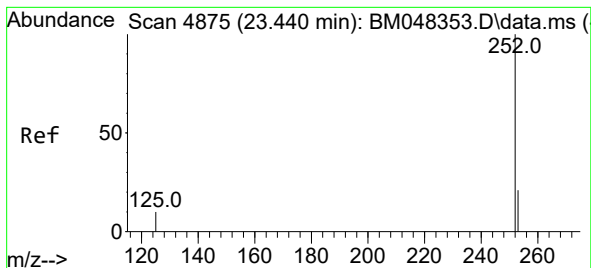
Tgt Ion:252 Resp: 12371
Ion Ratio Lower Upper
252 100
253 31.0 0.0 59.4
125 21.3 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 22.911 min Scan# 4694
Delta R.T. 0.006 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion:252 Resp: 16872
Ion Ratio Lower Upper
252 100
253 31.2 23.4 35.0
125 21.4 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.449 min Scan# 4875

Delta R.T. 0.009 min

Lab File: BM048419.D

Acq: 02 Nov 2024 06:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4069

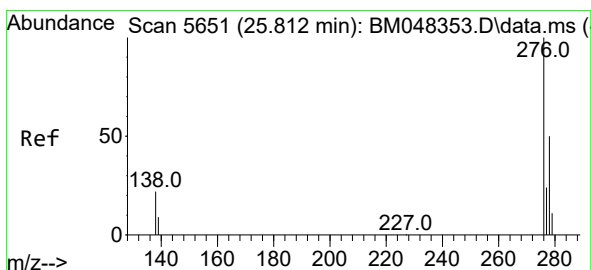
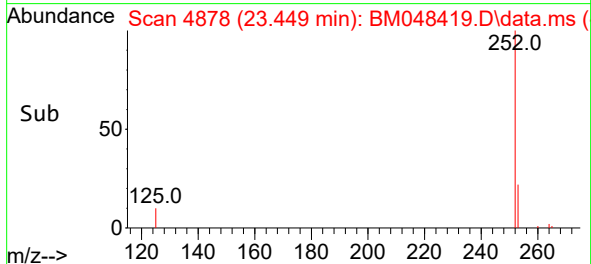
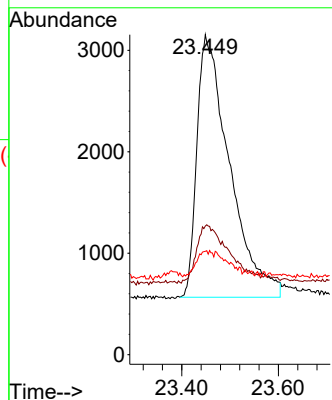
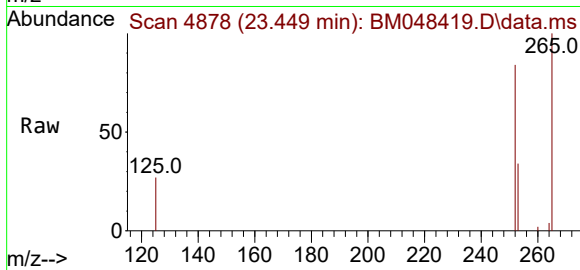
Tgt Ion:252 Resp: 12106

Ion Ratio Lower Upper

252 100

253 40.2 27.7 41.5

125 32.3 21.1 31.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng/ul

RT: 25.839 min Scan# 5659

Delta R.T. 0.027 min

Lab File: BM048419.D

Acq: 02 Nov 2024 06:49

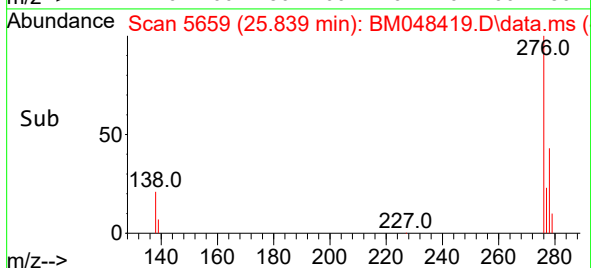
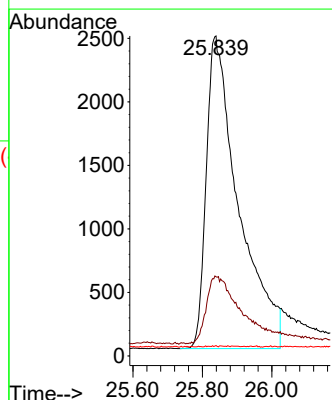
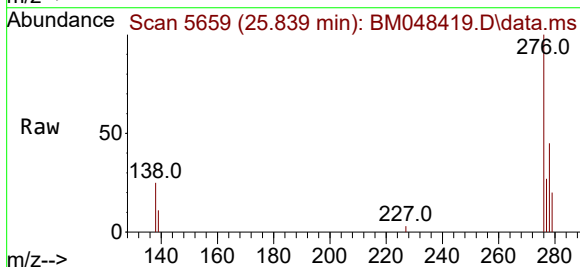
Tgt Ion:276 Resp: 15903

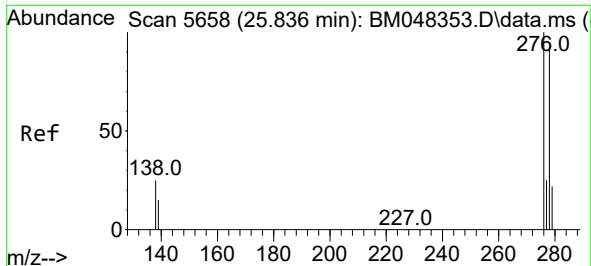
Ion Ratio Lower Upper

276 100

138 23.8 19.6 29.4

227 0.0 0.1 0.1#

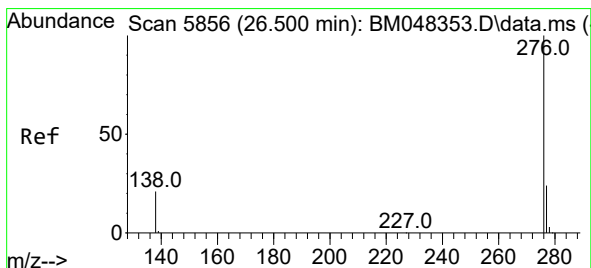
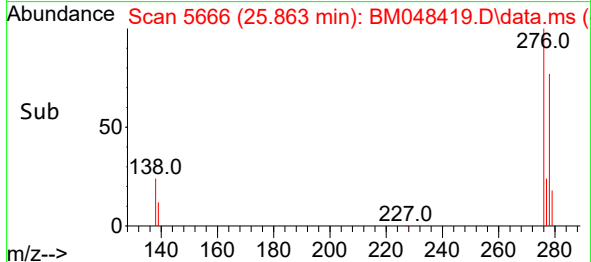
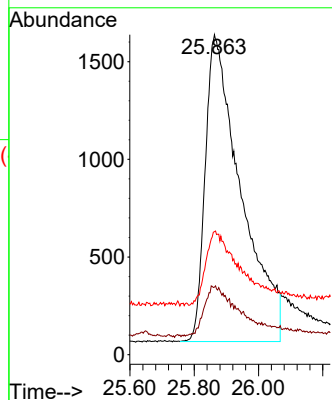
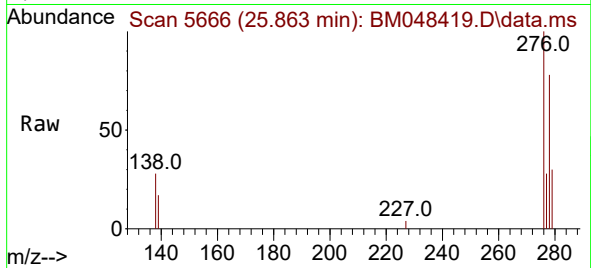




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 25.863 min Scan# 5666
Delta R.T. 0.027 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

Tgt Ion:278 Resp: 12113
Ion Ratio Lower Upper
278 100
139 21.1 15.6 23.4
279 38.5 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.513 min Scan# 5860
Delta R.T. 0.013 min
Lab File: BM048419.D
Acq: 02 Nov 2024 06:49

Tgt Ion:276 Resp: 14332
Ion Ratio Lower Upper
276 100
138 23.9 19.0 28.6
277 27.5 20.6 31.0

