

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049232.D
 Acq On : 26 Dec 2024 18:45
 Operator : RC/JU
 Sample : P5333-12DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2914DL

Quant Time: Dec 26 21:59:17 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

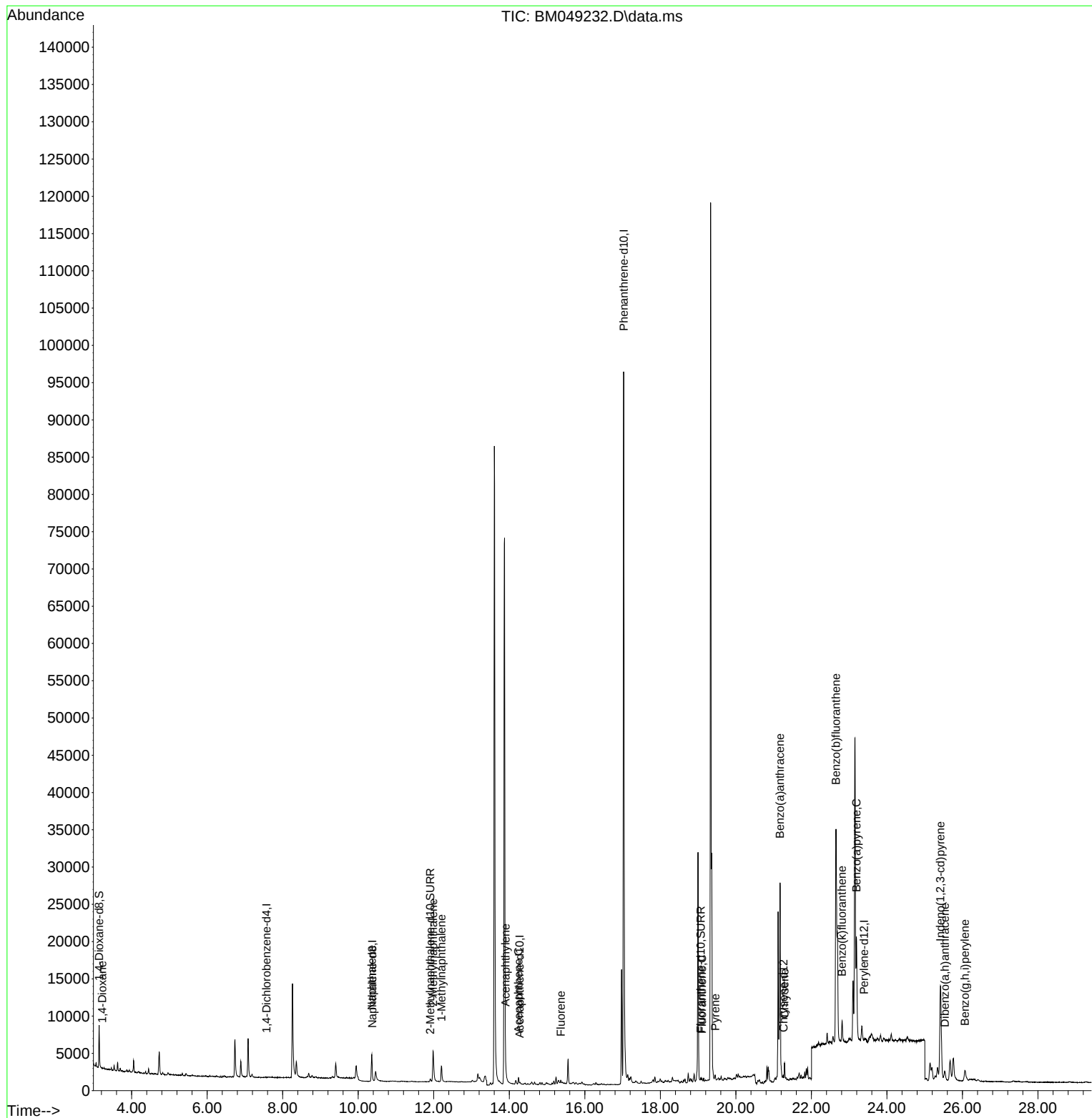
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	5	0.400	ng/ul	# 0.03
4) Naphthalene-d8	10.376	136	11	0.400	ng/ul	# 0.07
9) Acenaphthene-d10	14.276	164	14	0.400	ng/ul	# 0.09
13) Phenanthrene-d10	17.032	188	124390	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.260	240	26	0.400	ng/ul	# 0.13
23) Perylene-d12	23.393	264	25	0.400	ng/ul	# 0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3271	567.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	665	44.983	ng/ul	0.00
18) Fluoranthene-d10	19.072	212	25	0.339	ng/ul	0.10
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	45	6.676	ng/ul#	59
5) Naphthalene	10.359	128	4840	175.771	ng/ul	96
7) 2-Methylnaphthalene	11.982	142	4307	246.897	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	1870	104.680	ng/ul	100
10) Acenaphthylene	13.901	152	656	11.306	ng/ul#	60
11) Acenaphthene	14.243	153	589	13.907	ng/ul	92
12) Fluorene	15.367	166	62	1.298	ng/ul#	1
19) Fluoranthene	19.105	202	194	2.064	ng/ul#	24
20) Pyrene	19.453	202	465	4.638	ng/ul#	34
21) Benzo(a)anthracene	21.169	228	23896	264.218	ng/ul	93
22) Chrysene	21.289	228	1849	19.050	ng/ul#	32
24) Benzo(b)fluoranthene	22.651	252	63074	789.700	ng/ul	97
25) Benzo(k)fluoranthene	22.812	252	3940	44.958	ng/ul#	48
26) Benzo(a)pyrene	23.192	252	18478	241.244	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.417	276	18537	170.998	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.534	278	1618	19.211	ng/ul#	27
29) Benzo(g,h,i)perylene	26.064	276	2788	31.982	ng/ul#	77

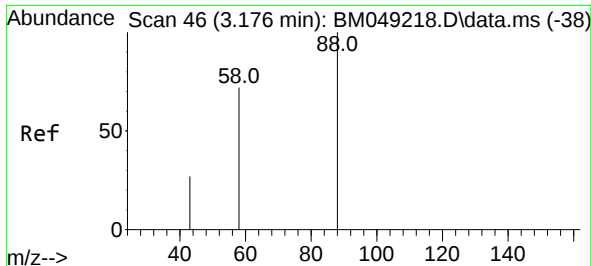
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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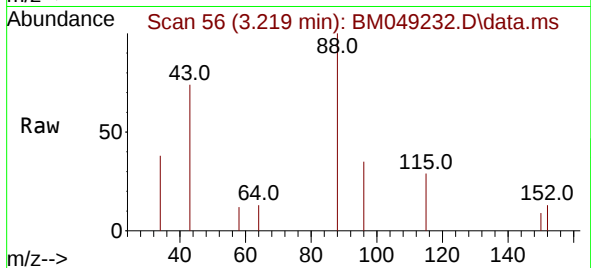
Quant Time: Dec 26 21:59:17 2024
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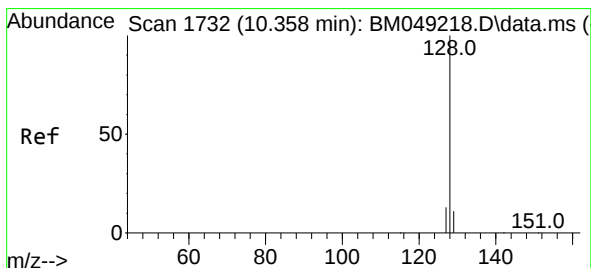
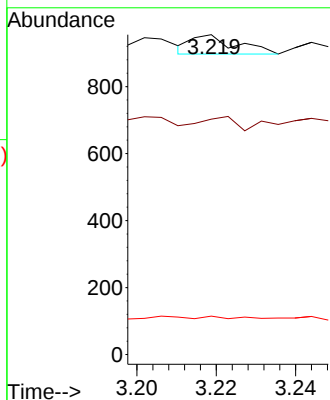
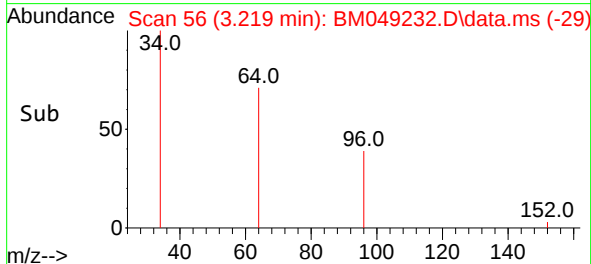


#2
1,4-Dioxane
Concen: 6.676 ng/ul
RT: 3.219 min Scan# 50
Delta R.T. 0.042 min
Lab File: BM049232.D
Acq: 26 Dec 2024 18:45

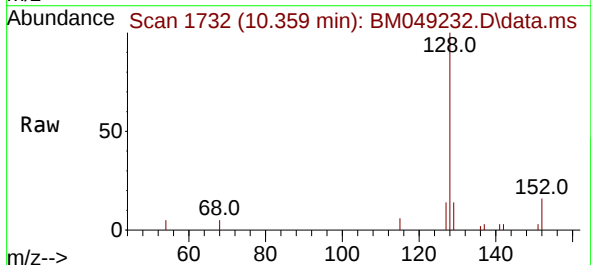
Instrument :
BNA_M
ClientSampleId :
E2914DL



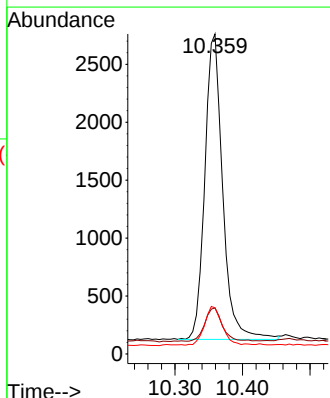
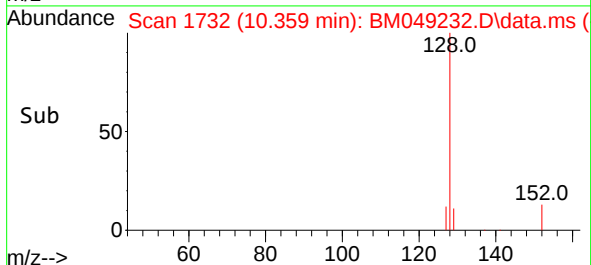
Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 73.6 45.4 68.2#
58 12.0 43.6 65.4#

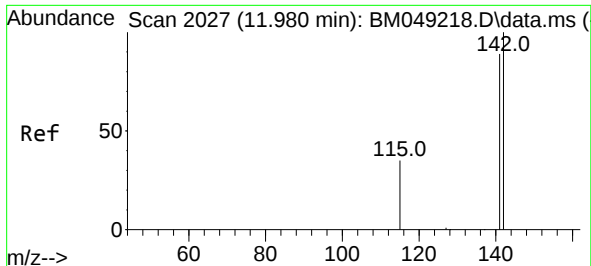


#5
Naphthalene
Concen: 175.771 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. 0.002 min
Lab File: BM049232.D
Acq: 26 Dec 2024 18:45



Tgt Ion: 128 Resp: 4840
Ion Ratio Lower Upper
128 100
129 14.4 9.7 14.5
127 14.4 10.6 16.0

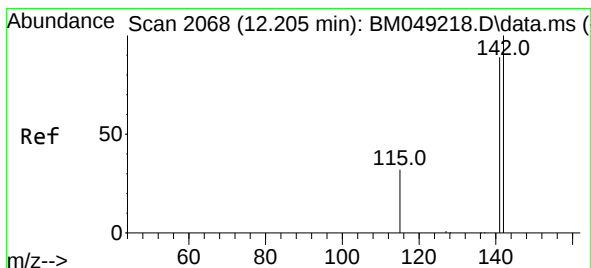
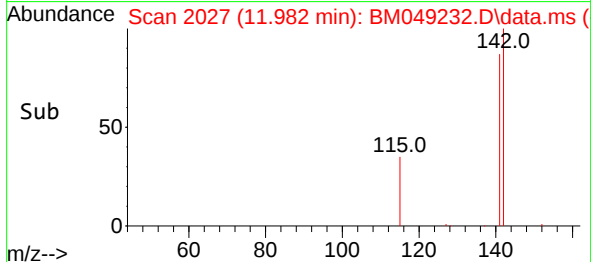
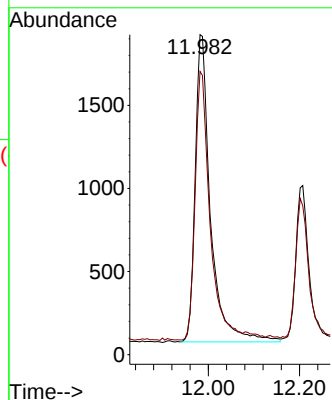
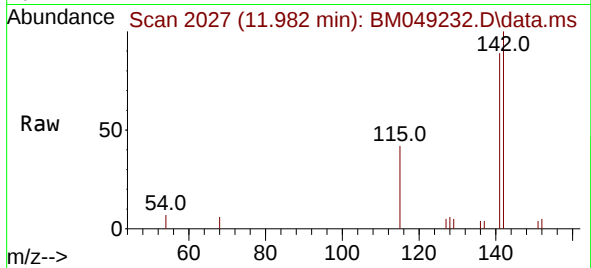




#7
2-Methylnaphthalene
Concen: 246.897 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. 0.002 min
Lab File: BM049232.D
Acq: 26 Dec 2024 18:45

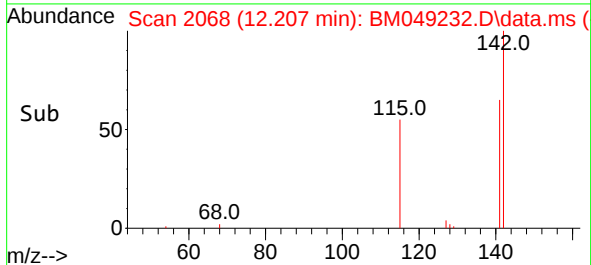
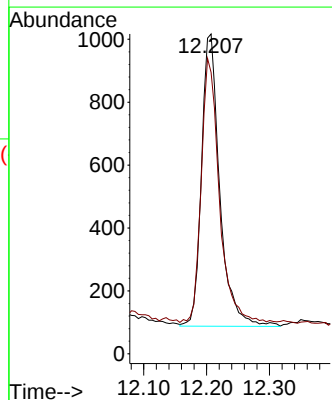
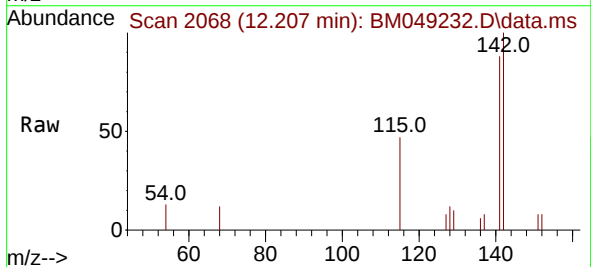
Instrument :
BNA_M
ClientSampleId :
E2914DL

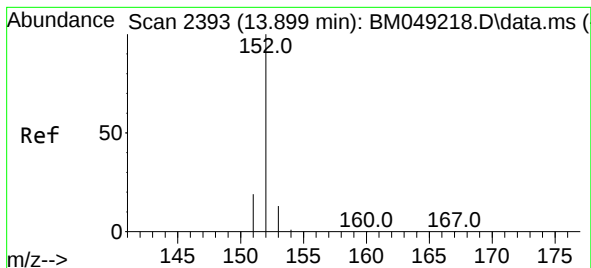
Tgt Ion:142 Resp: 4307
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5



#8
1-Methylnaphthalene
Concen: 104.680 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. 0.002 min
Lab File: BM049232.D
Acq: 26 Dec 2024 18:45

Tgt Ion:142 Resp: 1870
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1





#10

Acenaphthylene

Concen: 11.306 ng/ul

RT: 13.901 min Scan# 21

Delta R.T. 0.002 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

Instrument :

BNA_M

ClientSampleId :

E2914DL

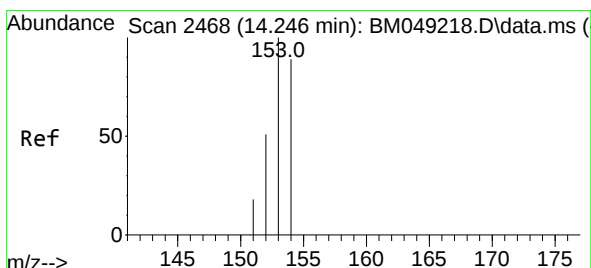
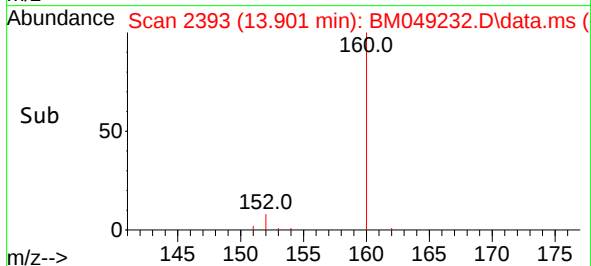
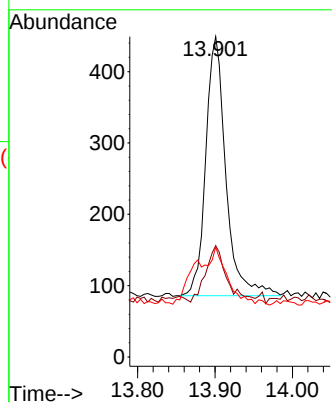
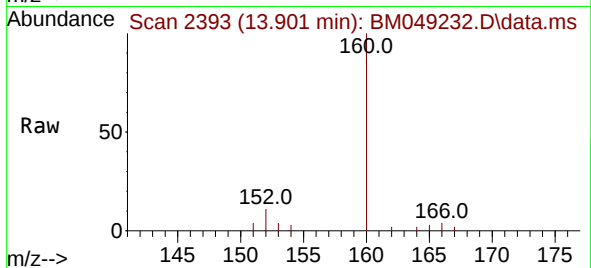
Tgt Ion:152 Resp: 656

Ion Ratio Lower Upper

152 100

151 34.7 16.0 24.0#

153 34.3 11.0 16.6#



#11

Acenaphthene

Concen: 13.907 ng/ul

RT: 14.243 min Scan# 2467

Delta R.T. -0.003 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

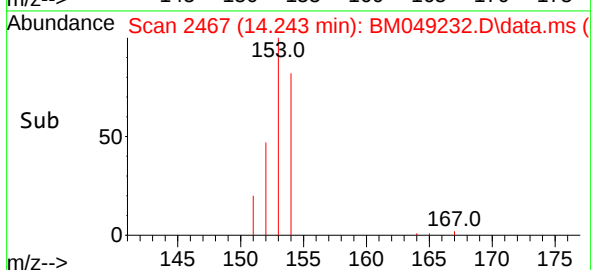
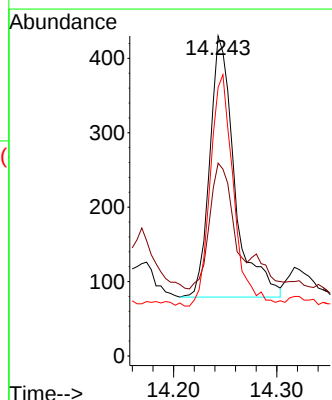
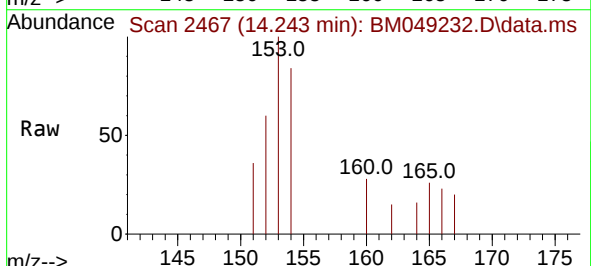
Tgt Ion:153 Resp: 589

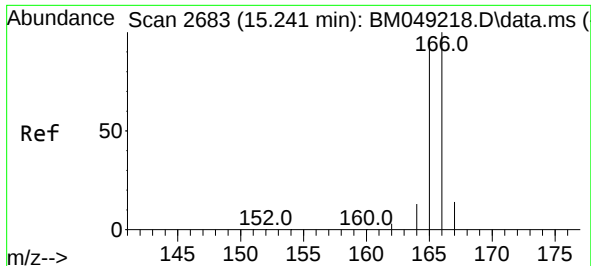
Ion Ratio Lower Upper

153 100

152 60.2 40.7 61.1

154 84.0 70.8 106.2

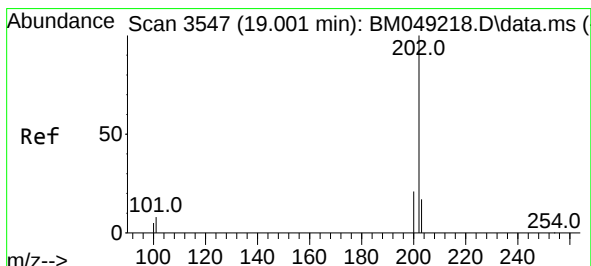
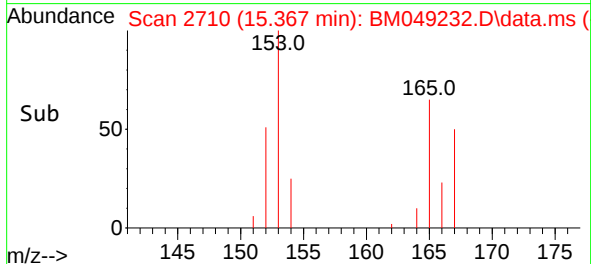
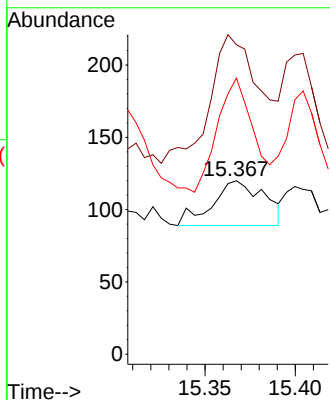
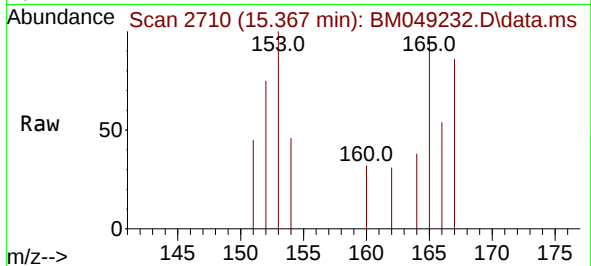




#12
Fluorene
Concen: 1.298 ng/ul
RT: 15.367 min Scan# 21
Delta R.T. 0.126 min
Lab File: BM049232.D
Acq: 26 Dec 2024 18:45

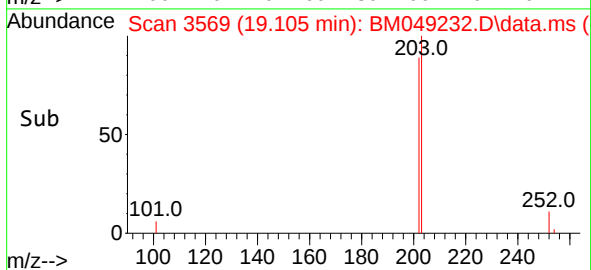
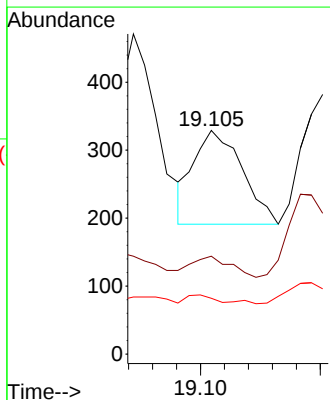
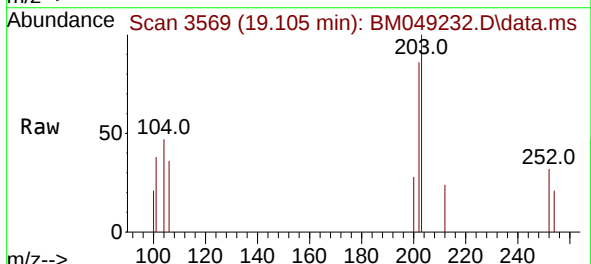
Instrument :
BNA_M
ClientSampleId :
E2914DL

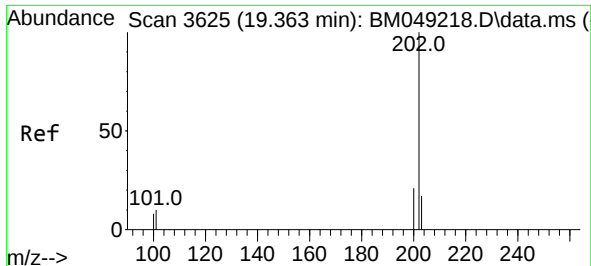
Tgt Ion:166 Resp: 62
Ion Ratio Lower Upper
166 100
165 178.3 79.7 119.5#
167 159.2 11.4 17.0#



#19
Fluoranthene
Concen: 2.064 ng/ul
RT: 19.105 min Scan# 3569
Delta R.T. 0.104 min
Lab File: BM049232.D
Acq: 26 Dec 2024 18:45

Tgt Ion:202 Resp: 194
Ion Ratio Lower Upper
202 100
101 43.8 7.6 11.4#
100 24.9 5.5 8.3#





#20

Pyrene

Concen: 4.638 ng/ul

RT: 19.453 min Scan# 3

Delta R.T. 0.090 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

Instrument :

BNA_M

ClientSampleId :

E2914DL

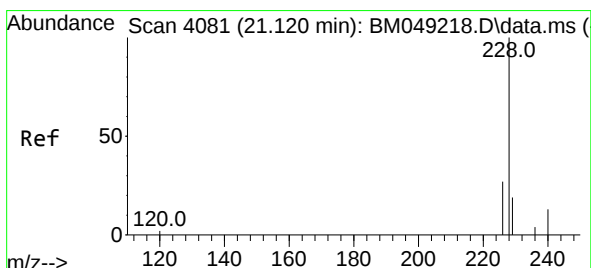
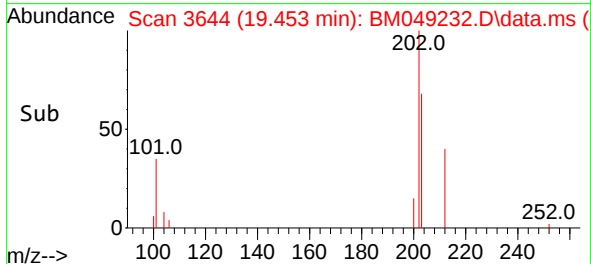
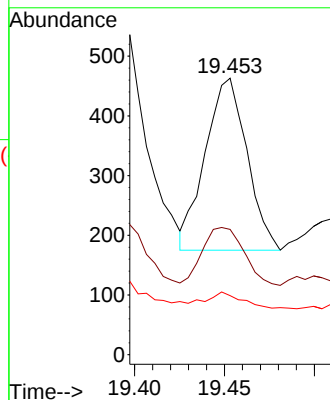
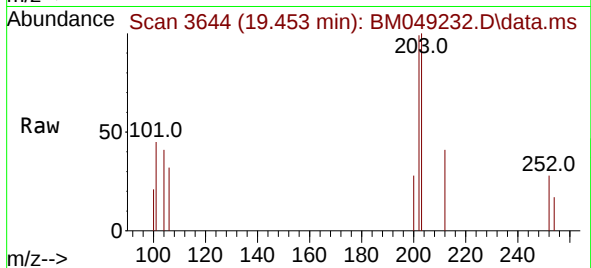
Tgt Ion:202 Resp: 465

Ion Ratio Lower Upper

202 100

101 45.4 8.9 13.3#

100 21.4 6.9 10.3#



#21

Benzo(a)anthracene

Concen: 264.218 ng/ul

RT: 21.169 min Scan# 4098

Delta R.T. 0.049 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

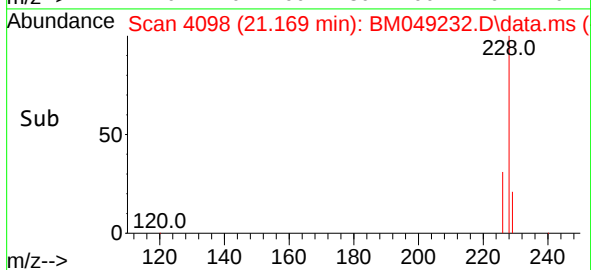
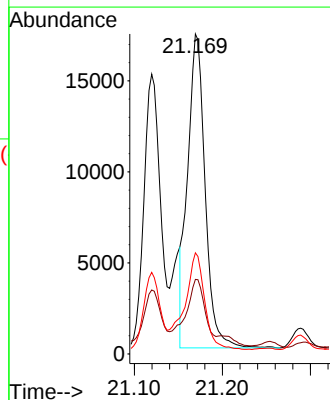
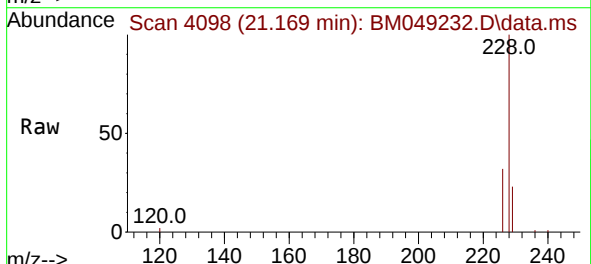
Tgt Ion:228 Resp: 23896

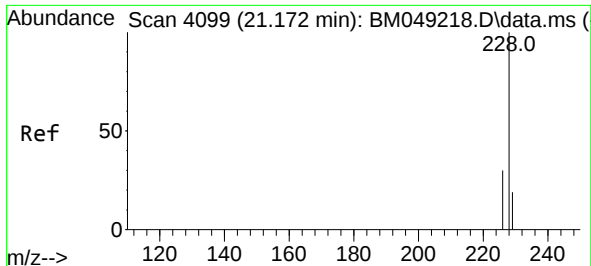
Ion Ratio Lower Upper

228 100

229 23.3 15.9 23.9

226 31.6 22.6 34.0





#22

Chrysene

Concen: 19.050 ng/ul

RT: 21.289 min Scan# 4139

Delta R.T. 0.117 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

Instrument :

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ClientSampleId :

E2914DL

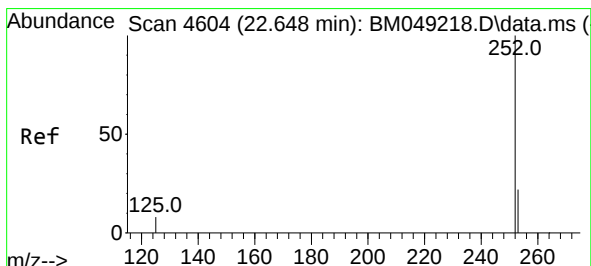
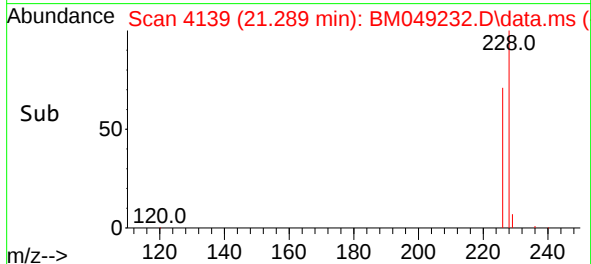
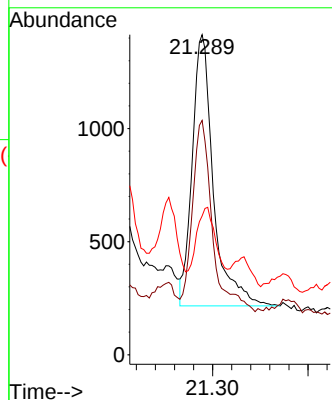
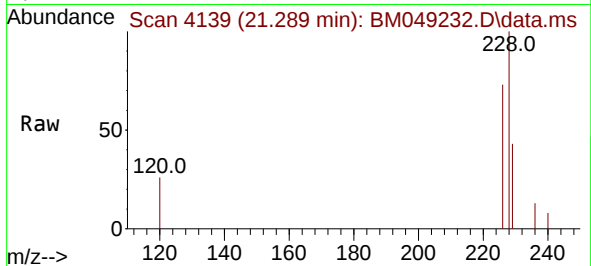
Tgt Ion:228 Resp: 1849

Ion Ratio Lower Upper

228 100

226 73.2 24.1 36.1#

229 43.4 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 789.700 ng/ul

RT: 22.651 min Scan# 4605

Delta R.T. 0.003 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

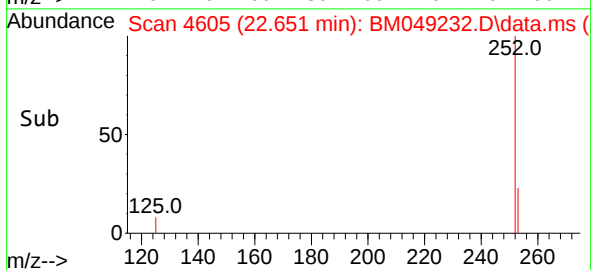
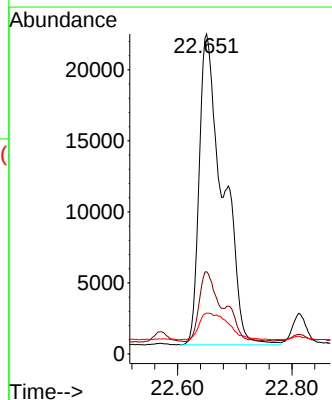
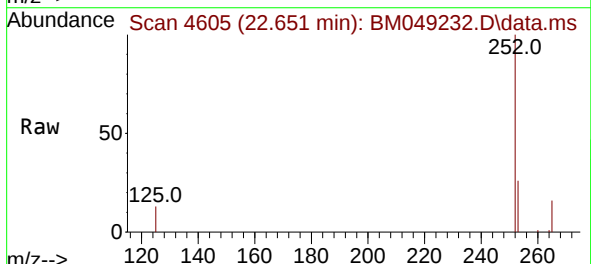
Tgt Ion:252 Resp: 63074

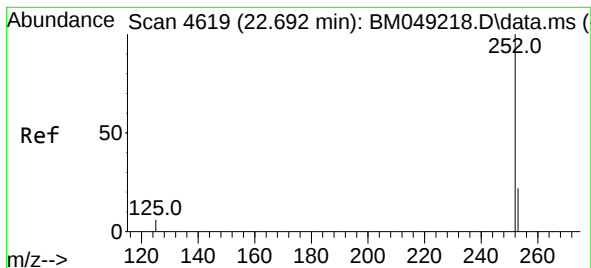
Ion Ratio Lower Upper

252 100

253 25.7 0.0 52.6

125 12.7 0.0 30.8





#25

Benzo(k)fluoranthene

Concen: 44.958 ng/ul

RT: 22.812 min Scan# 4660

Delta R.T. 0.120 min

Lab File: BM049232.D

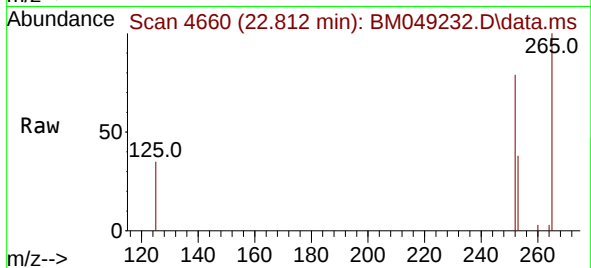
Acq: 26 Dec 2024 18:45

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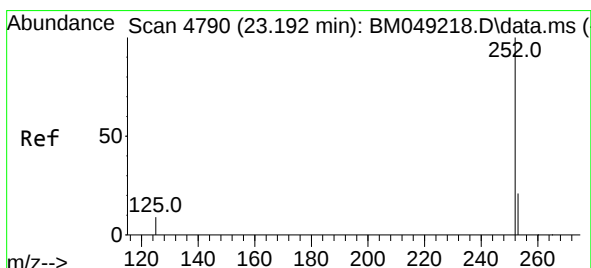
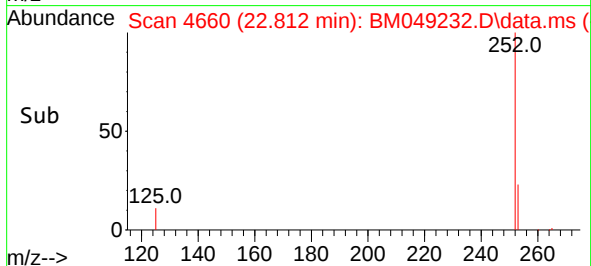
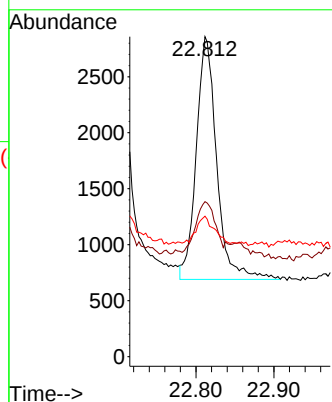
Tgt Ion:252 Resp: 3940

Ion Ratio Lower Upper

252 100

253 48.5 21.3 31.9#

125 43.9 12.6 18.8#



#26

Benzo(a)pyrene

Concen: 241.244 ng/ul

RT: 23.192 min Scan# 4790

Delta R.T. -0.000 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

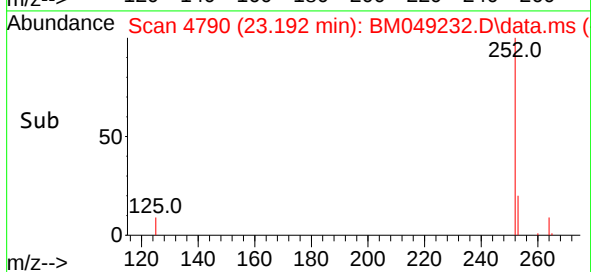
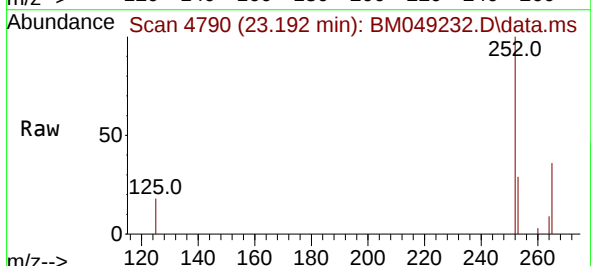
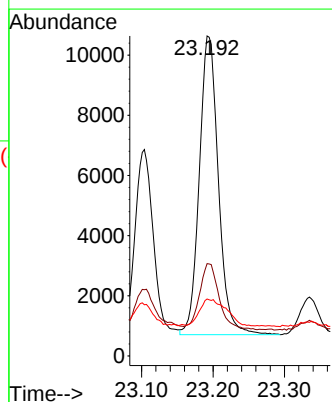
Tgt Ion:252 Resp: 18478

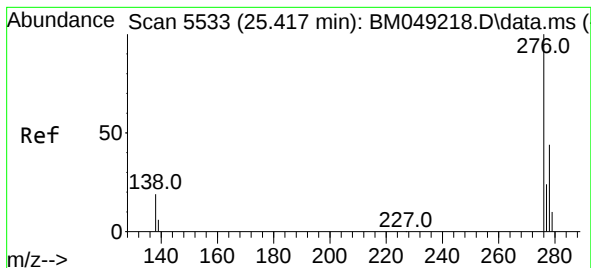
Ion Ratio Lower Upper

252 100

253 28.9 22.4 33.6

125 17.8 14.8 22.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 170.998 ng/ul

RT: 25.417 min Scan# 51

Delta R.T. -0.000 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

Instrument :

BNA_M

ClientSampleId :

E2914DL

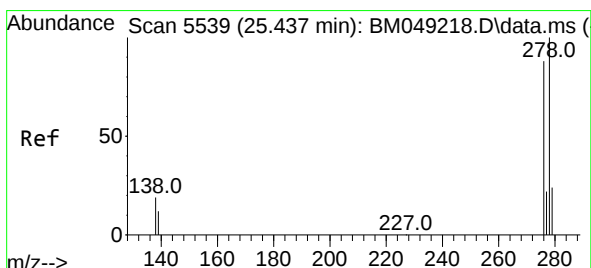
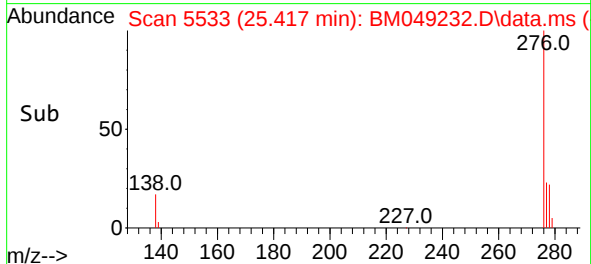
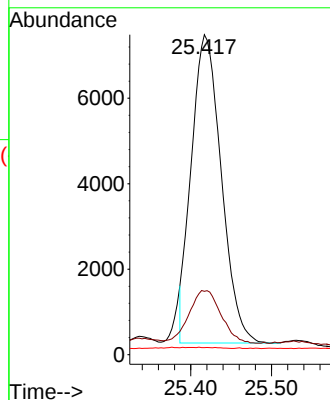
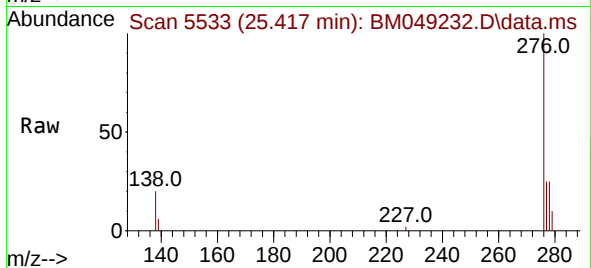
Tgt Ion:276 Resp: 18537

Ion Ratio Lower Upper

276 100

138 17.5 17.4 26.2

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 19.211 ng/ul

RT: 25.534 min Scan# 5568

Delta R.T. 0.097 min

Lab File: BM049232.D

Acq: 26 Dec 2024 18:45

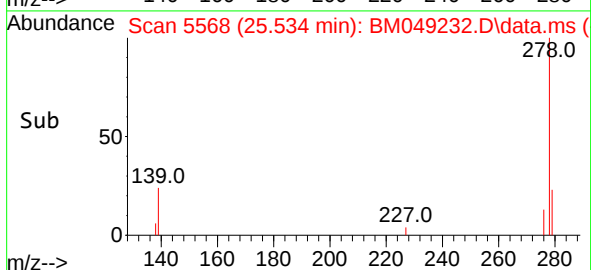
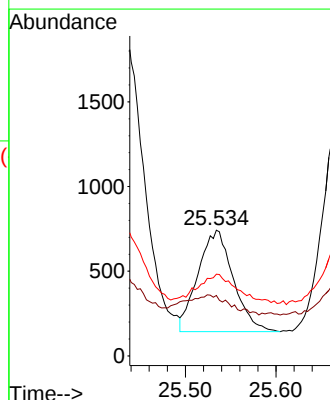
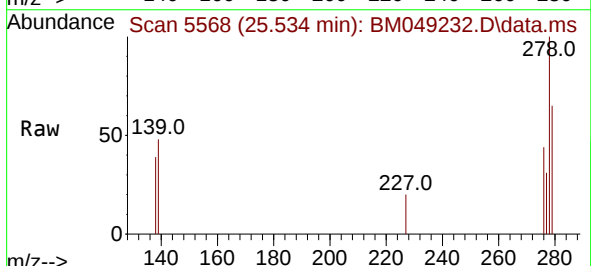
Tgt Ion:278 Resp: 1618

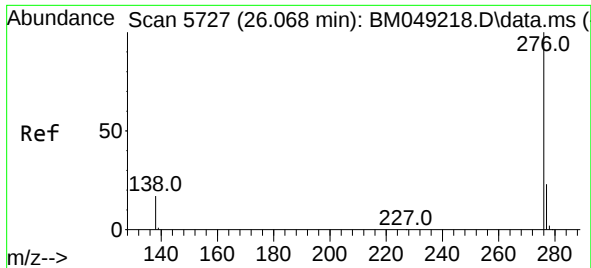
Ion Ratio Lower Upper

278 100

139 48.1 13.5 20.3#

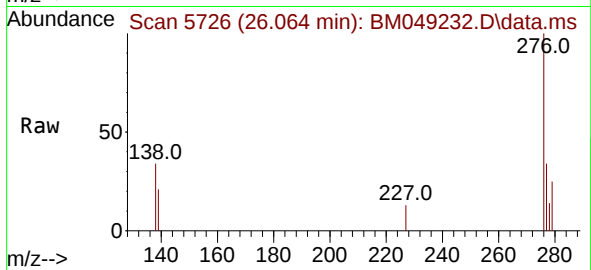
279 65.0 21.5 32.3#





#29
 Benzo(g,h,i)perylene
 Concen: 31.982 ng/ul
 RT: 26.064 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM049232.D
 Acq: 26 Dec 2024 18:45

Instrument :
 BNA_M
 ClientSampleId :
 E2914DL



Tgt Ion:276 Resp: 2788
 Ion Ratio Lower Upper
 276 100
 138 34.3 16.7 25.1#
 277 34.1 19.9 29.9#

