

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049135.D
 Acq On : 21 Dec 2024 12:37
 Operator : RC/JU
 Sample : P5265-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2900

Quant Time: Dec 22 23:07:54 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 : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

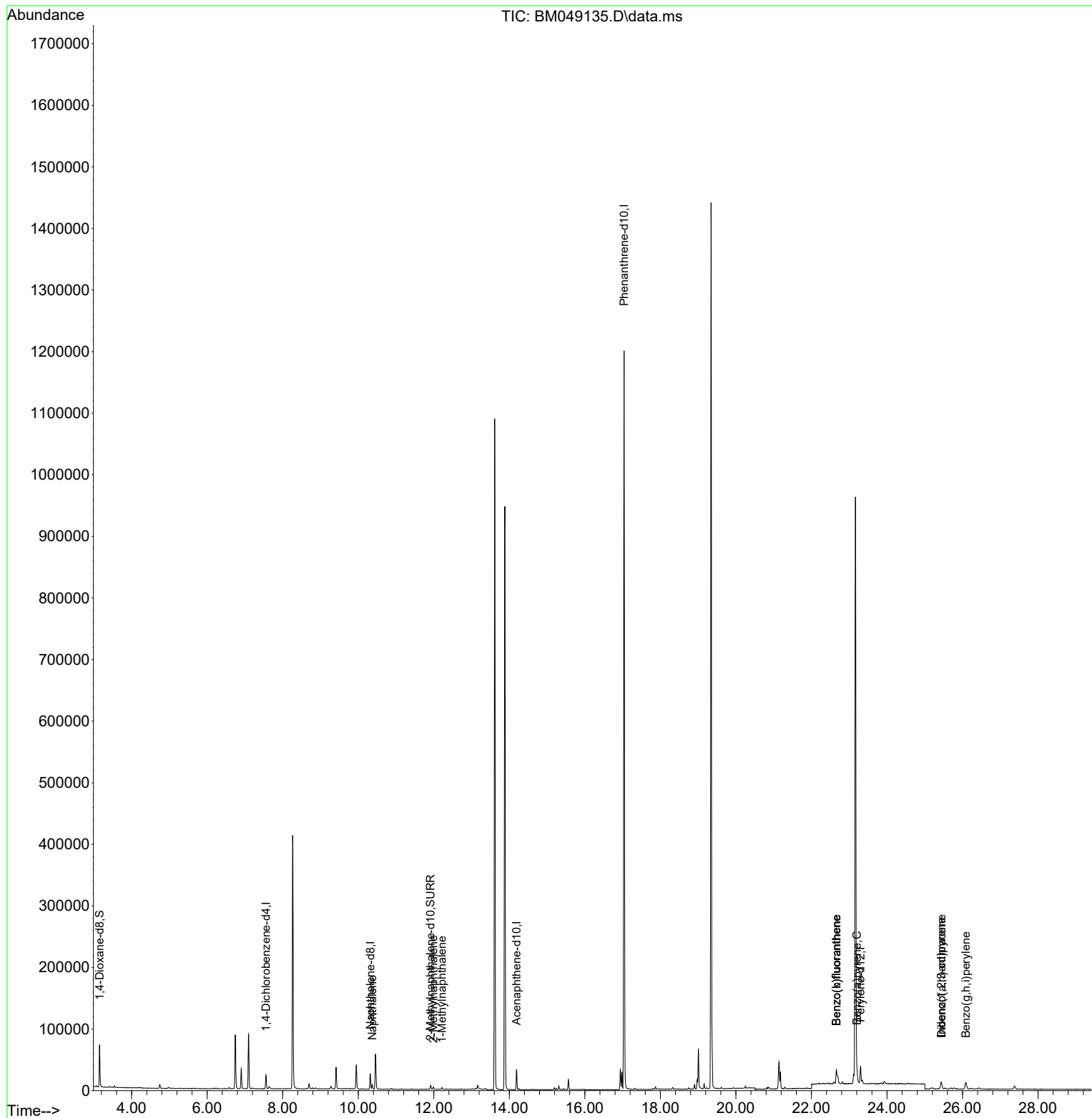
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	10288	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	32562	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	18394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.039	188	1426055	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.15
23) Perylene-d12	23.300	264	36123	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	43238	3.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	9244	0.211	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	16534	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	3952	0.048	ng/ul#	90
7) 2-Methylnaphthalene	11.991	142	2911	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.216	142	2224	0.042	ng/ul	99
24) Benzo(b)fluoranthene	22.660	252	46855	0.406	ng/ul	90
25) Benzo(k)fluoranthene	22.660	252	46855	0.370	ng/ul#	90
26) Benzo(a)pyrene	23.206	252	20655	0.187	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.437	276	18556	0.118	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.444	278	4076	0.033	ng/ul#	39
29) Benzo(g,h,i)perylene	26.091	276	22124	0.176	ng/ul	96

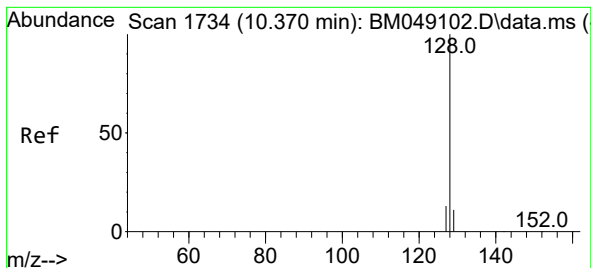
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.048 ng/ul

RT: 10.369 min Scan# 1734

Delta R.T. -0.011 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

Instrument :

BNA_M

ClientSampleId :

E2900

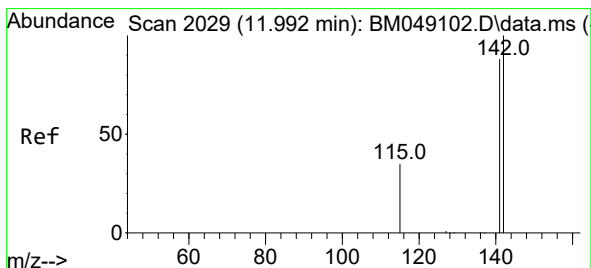
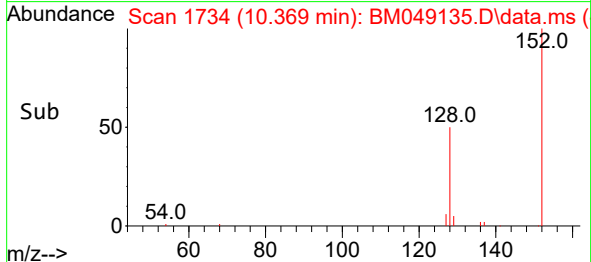
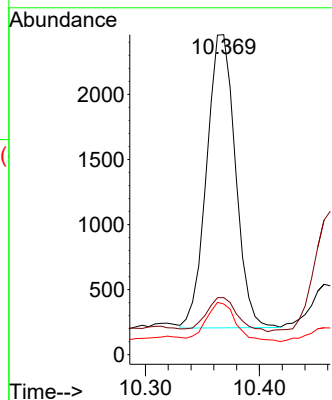
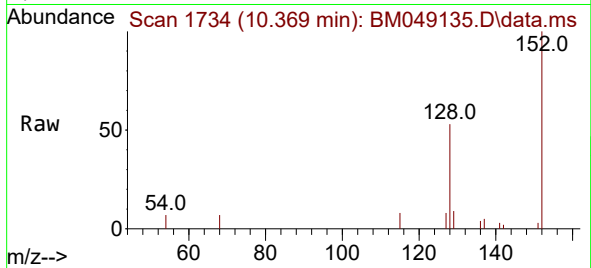
Tgt Ion:128 Resp: 3952

Ion Ratio Lower Upper

128 100

129 17.9 9.7 14.5#

127 15.9 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.056 ng/ul

RT: 11.991 min Scan# 2029

Delta R.T. -0.011 min

Lab File: BM049135.D

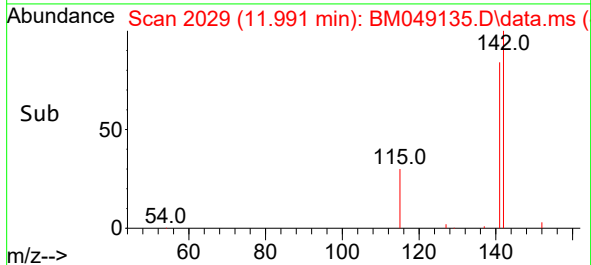
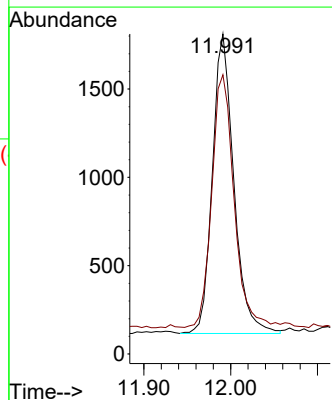
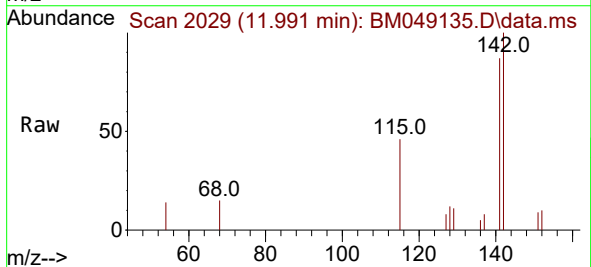
Acq: 21 Dec 2024 12:37

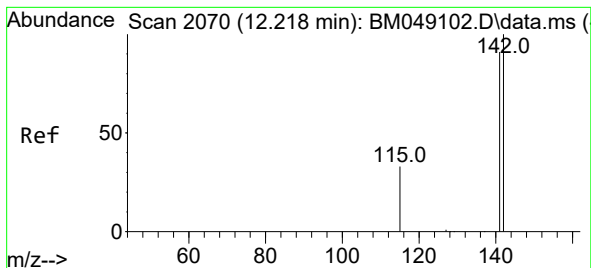
Tgt Ion:142 Resp: 2911

Ion Ratio Lower Upper

142 100

141 88.7 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.216 min Scan# 2070

Delta R.T. -0.006 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

Instrument :

BNA_M

ClientSampleId :

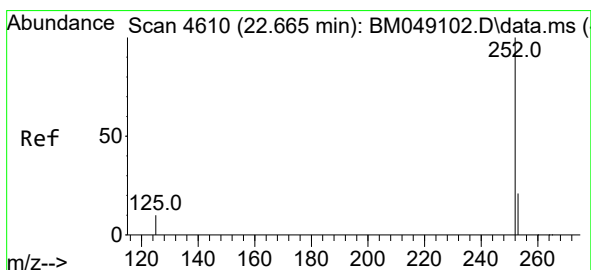
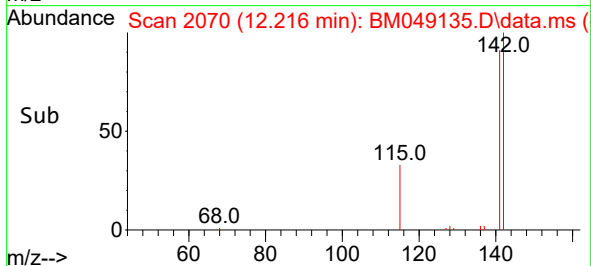
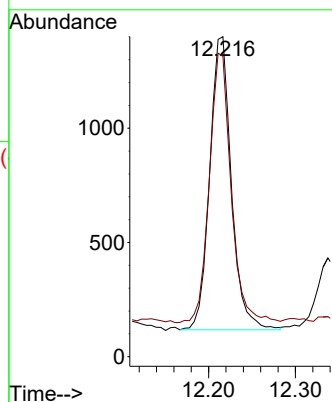
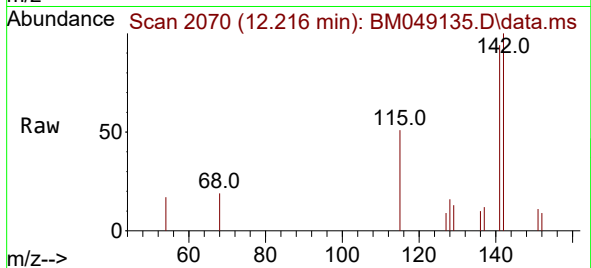
E2900

Tgt Ion:142 Resp: 2224

Ion Ratio Lower Upper

142 100

141 91.9 72.7 109.1



#24

Benzo(b)fluoranthene

Concen: 0.406 ng/ul

RT: 22.660 min Scan# 4608

Delta R.T. -0.003 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

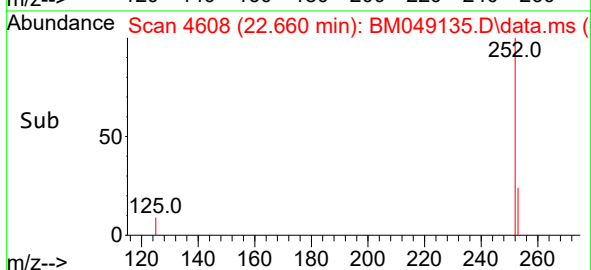
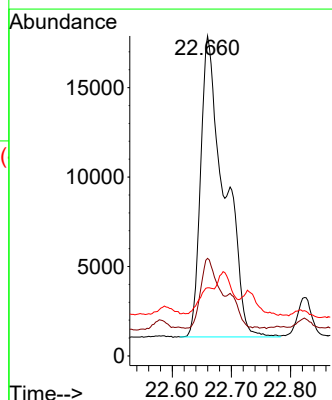
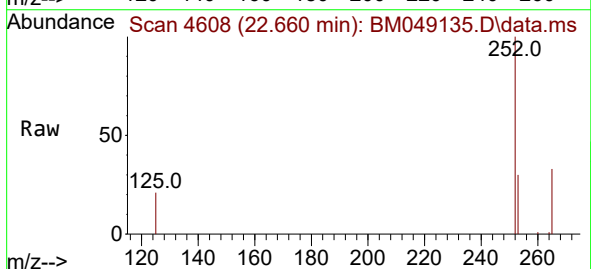
Tgt Ion:252 Resp: 46855

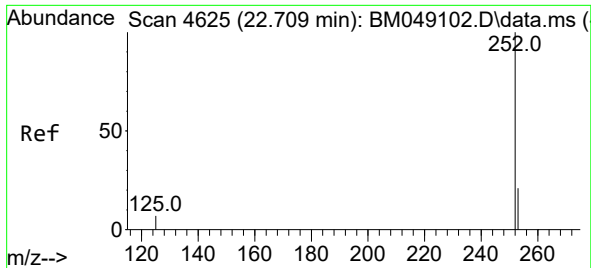
Ion Ratio Lower Upper

252 100

253 30.5 0.0 52.6

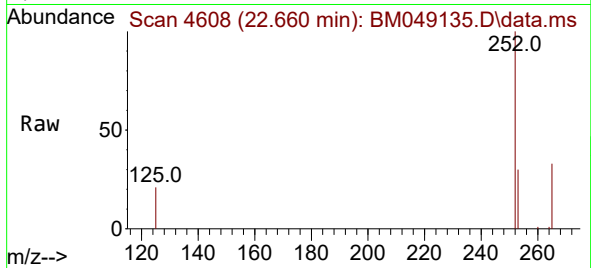
125 21.3 0.0 30.8



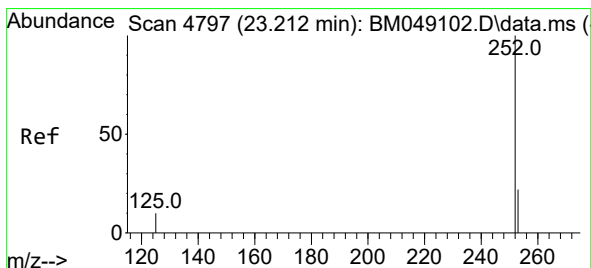
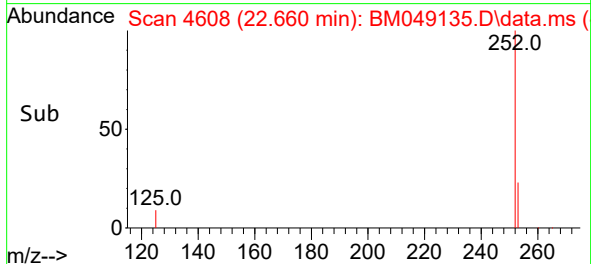
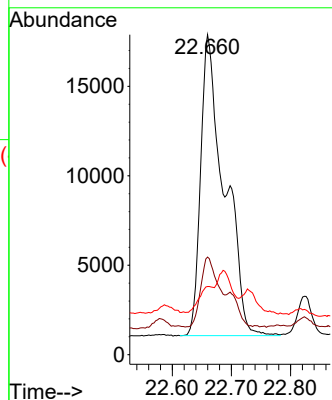


#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

Instrument :
BNA_M
ClientSampleId :
E2900

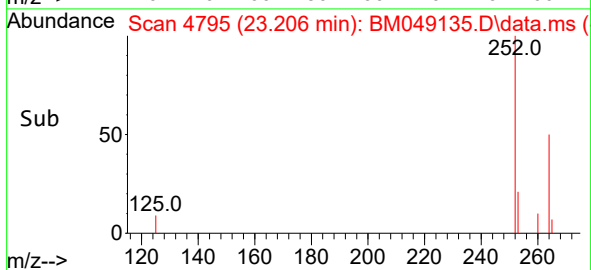
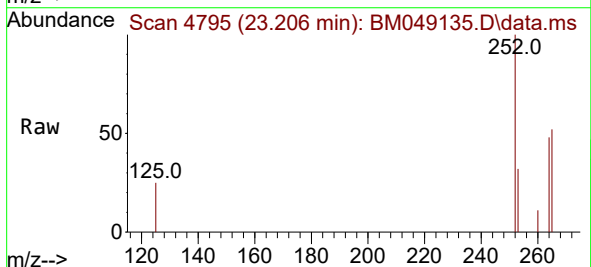
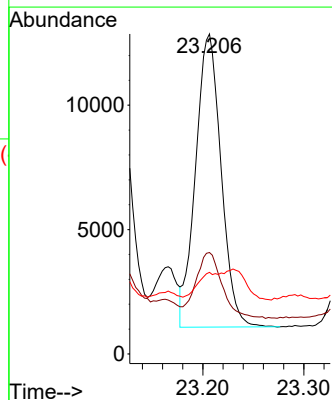


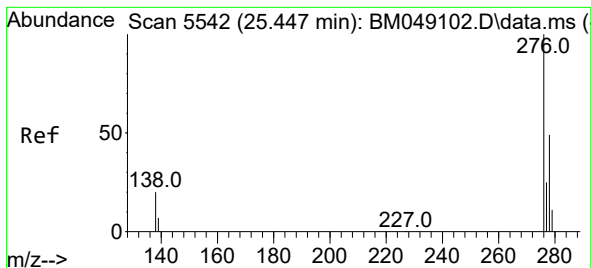
Tgt Ion:252 Resp: 46855
Ion Ratio Lower Upper
252 100
253 30.5 21.3 31.9
125 21.3 12.6 18.8#



#26
Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.206 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

Tgt Ion:252 Resp: 20655
Ion Ratio Lower Upper
252 100
253 31.7 22.4 33.6
125 25.5 14.8 22.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.118 ng/ul

RT: 25.437 min Scan# 5

Delta R.T. -0.010 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

Instrument :

BNA_M

ClientSampleId :

E2900

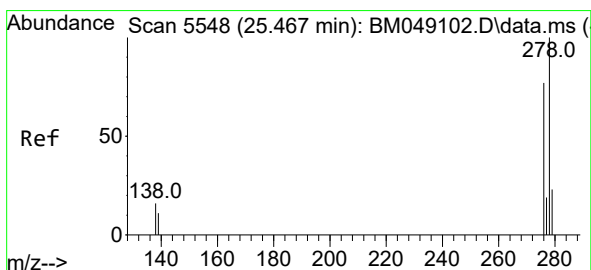
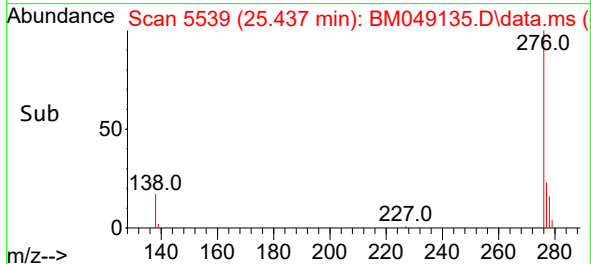
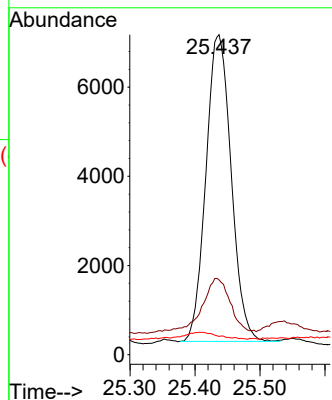
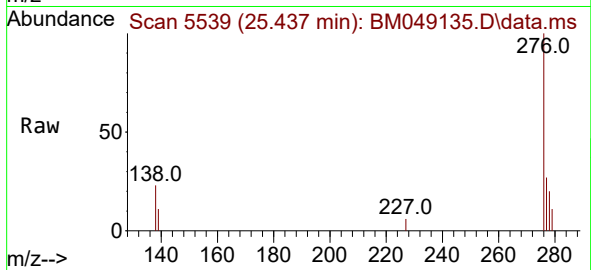
Tgt Ion:276 Resp: 18556

Ion Ratio Lower Upper

276 100

138 20.8 17.4 26.2

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 25.444 min Scan# 5541

Delta R.T. -0.023 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

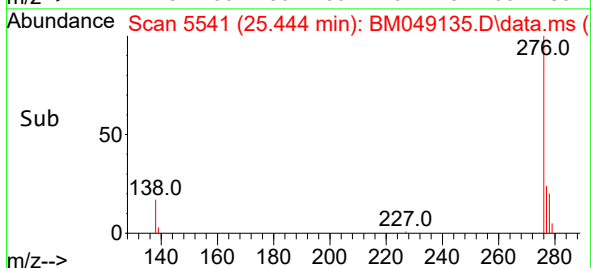
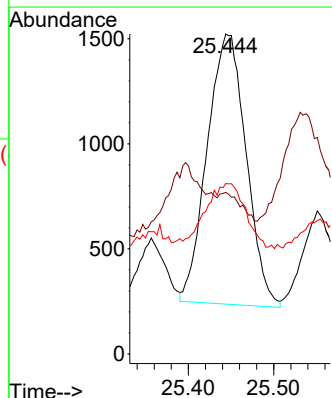
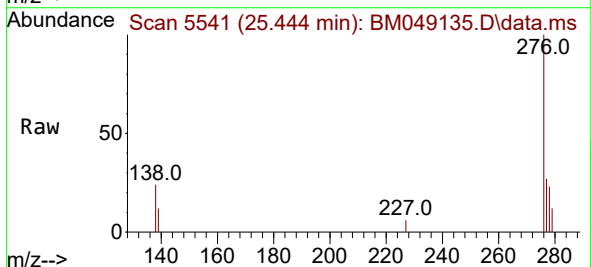
Tgt Ion:278 Resp: 4076

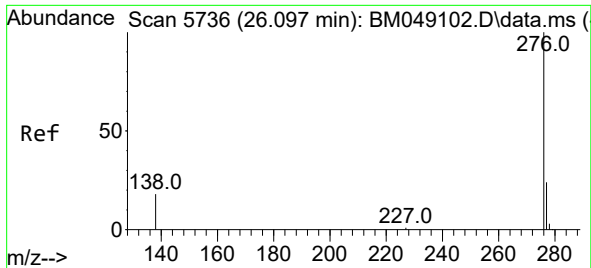
Ion Ratio Lower Upper

278 100

139 50.5 13.5 20.3#

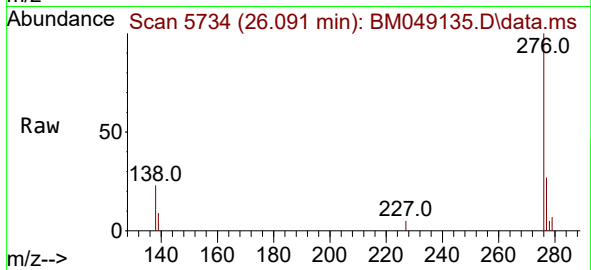
279 53.3 21.5 32.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.176 ng/ul
 RT: 26.091 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM049135.D
 Acq: 21 Dec 2024 12:37

Instrument :
 BNA_M
 ClientSampleId :
 E2900



Tgt Ion:	276	Resp:	22124
Ion Ratio	Lower	Upper	
276	100		
138	22.8	16.7	25.1
277	27.1	19.9	29.9

