

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049131.D
 Acq On : 21 Dec 2024 10:14
 Operator : RC/JU
 Sample : P5265-16DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2901DL

Quant Time: Dec 22 23:07:14 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)

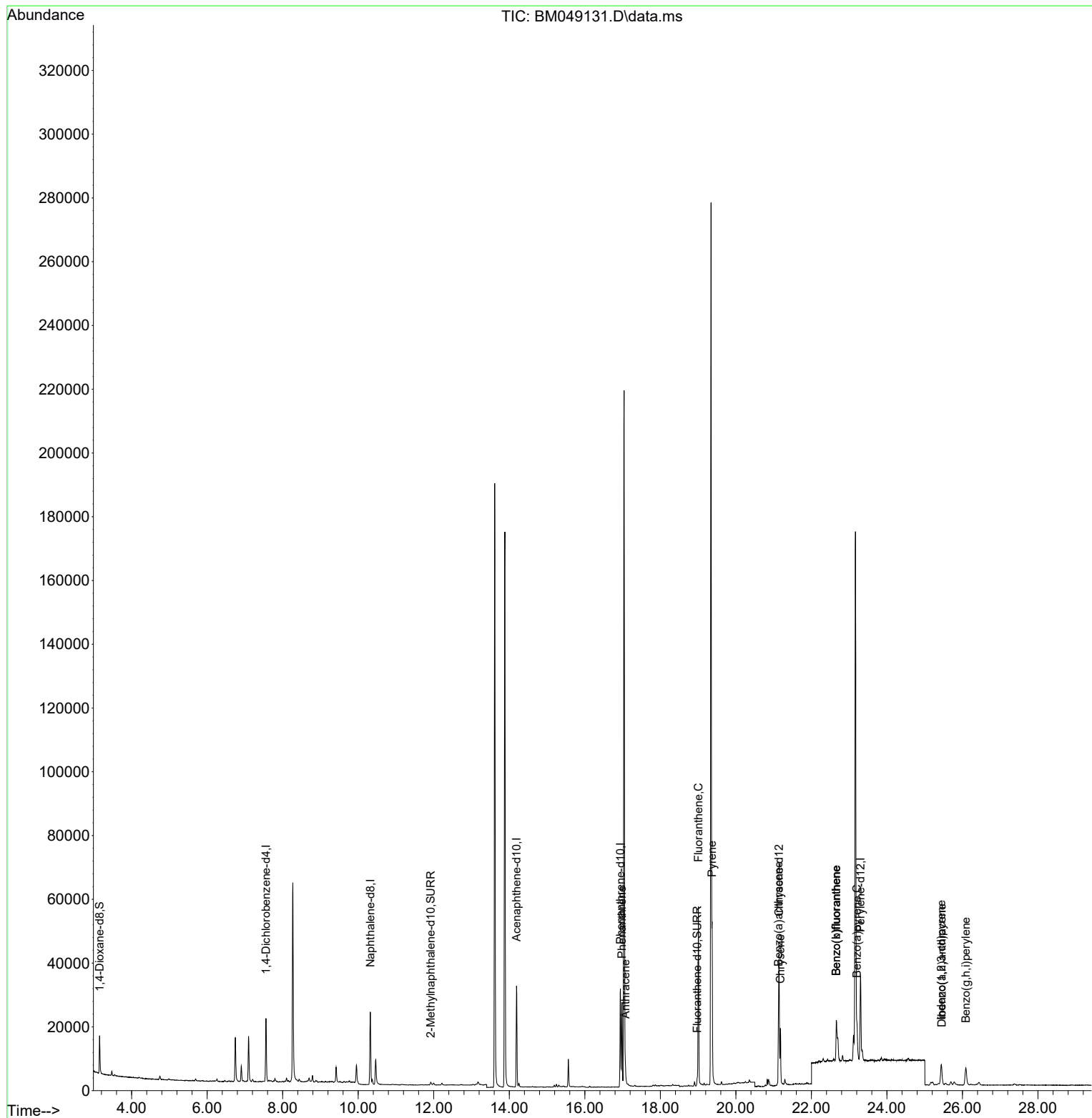
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	10076	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.321	136	31051	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.192	164	17959	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	36925	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	31042	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	33233	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	7446	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1560	0.037	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	2932	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.981	178	27856	0.289	ng/ul	100
16) Anthracene	17.074	178	3617	0.041	ng/ul#	90
19) Fluoranthene	19.007	202	47950	0.427	ng/ul	99
20) Pyrene	19.369	202	40922	0.342	ng/ul	100
21) Benzo(a)anthracene	21.128	228	16101	0.149	ng/ul	97
22) Chrysene	21.178	228	17391	0.150	ng/ul	95
24) Benzo(b)fluoranthene	22.659	252	28435	0.268	ng/ul	88
25) Benzo(k)fluoranthene	22.659	252	28435	0.244	ng/ul#	88
26) Benzo(a)pyrene	23.206	252	12855	0.126	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.440	276	10436	0.072	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.457	278	2241	0.020	ng/ul#	21
29) Benzo(g,h,i)perylene	26.091	276	11521	0.099	ng/ul	94

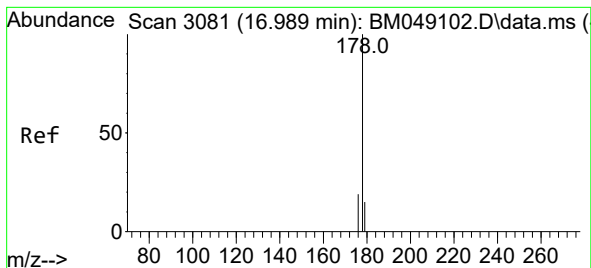
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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#15

Phenanthrene

Concen: 0.289 ng/ul

RT: 16.981 min Scan# 3081

Delta R.T. -0.011 min

Lab File: BM049131.D

Acq: 21 Dec 2024 10:14

Instrument :

BNA_M

ClientSampleId :

E2901DL

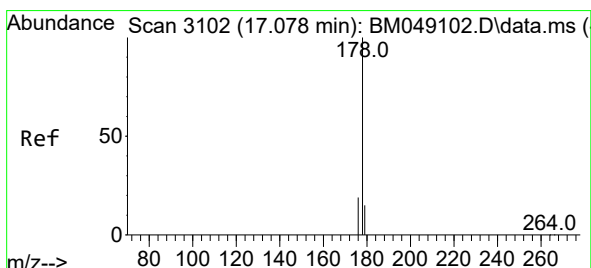
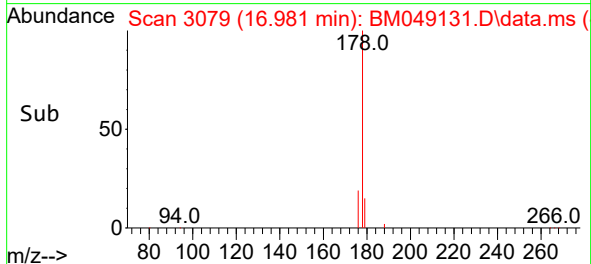
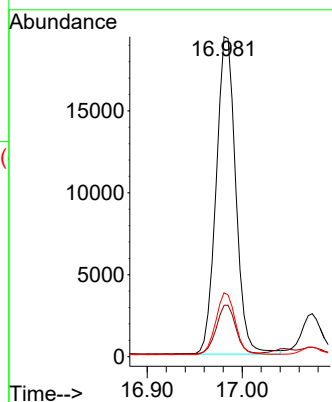
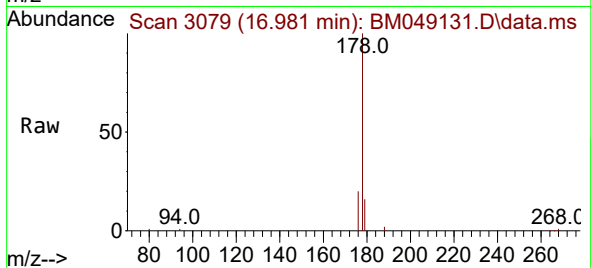
Tgt Ion:178 Resp: 27856

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.4

176 20.0 16.2 24.2



#16

Anthracene

Concen: 0.041 ng/ul

RT: 17.074 min Scan# 3101

Delta R.T. -0.011 min

Lab File: BM049131.D

Acq: 21 Dec 2024 10:14

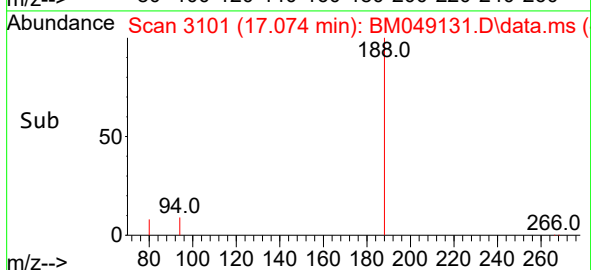
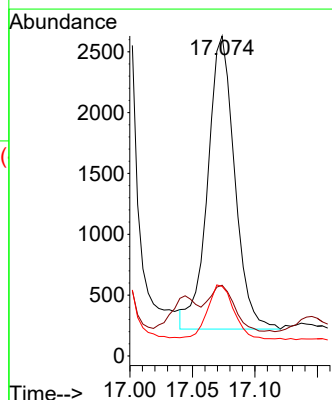
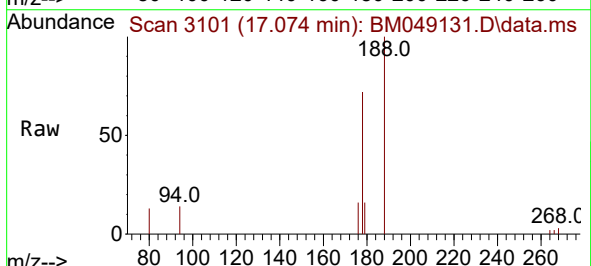
Tgt Ion:178 Resp: 3617

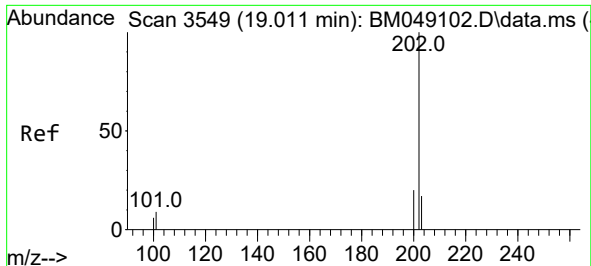
Ion Ratio Lower Upper

178 100

179 22.1 12.9 19.3#

176 21.7 15.3 22.9

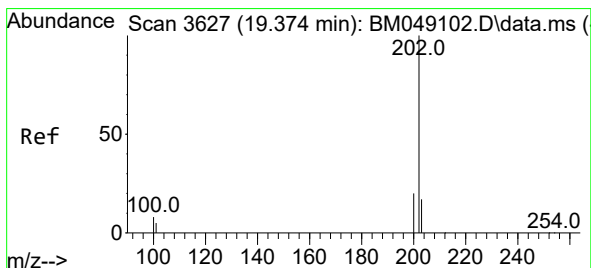
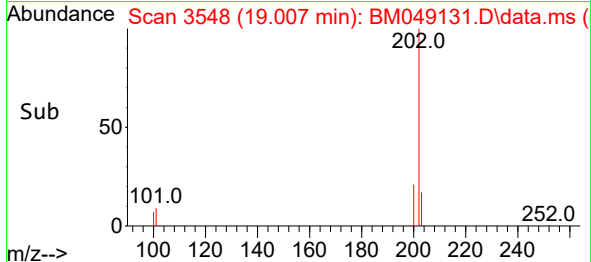
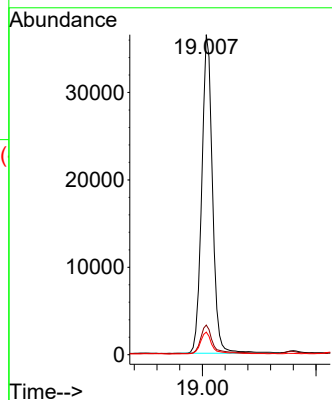
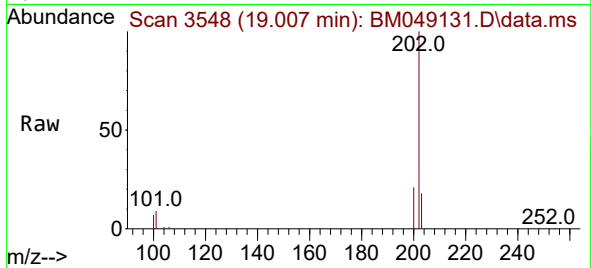




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.007 min Scan# 3549
Delta R.T. -0.008 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

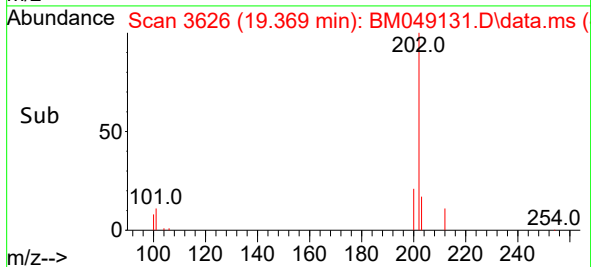
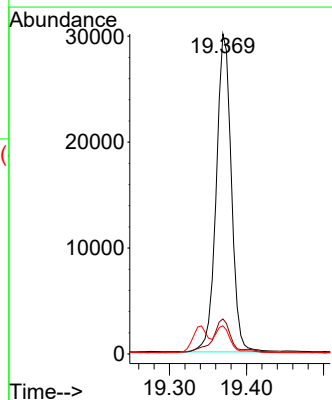
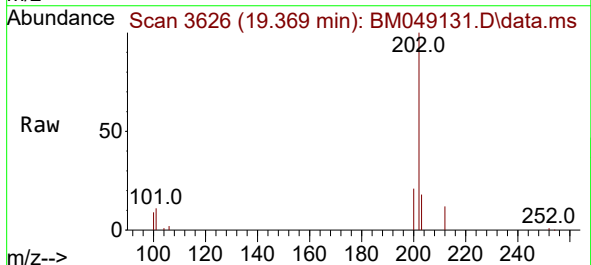
Instrument :
BNA_M
ClientSampleId :
E2901DL

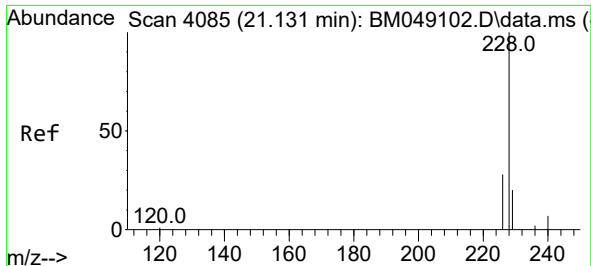
Tgt Ion:202 Resp: 47950
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 7.1 5.5 8.3



#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.369 min Scan# 3626
Delta R.T. -0.008 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

Tgt Ion:202 Resp: 40922
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.8 6.9 10.3

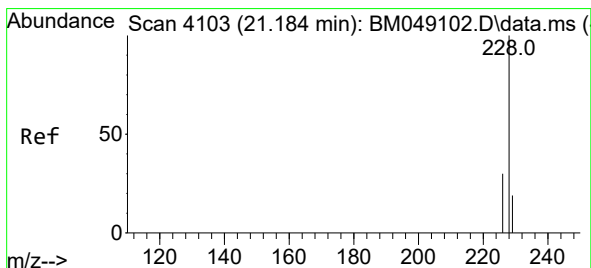
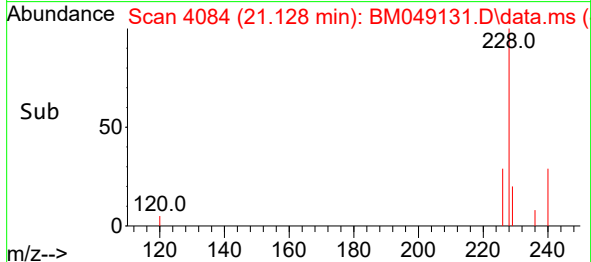
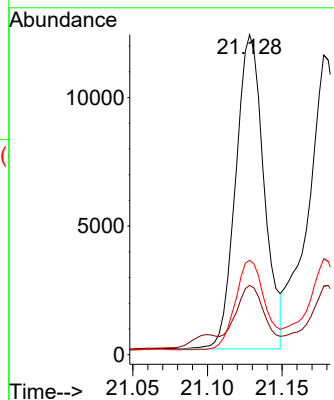
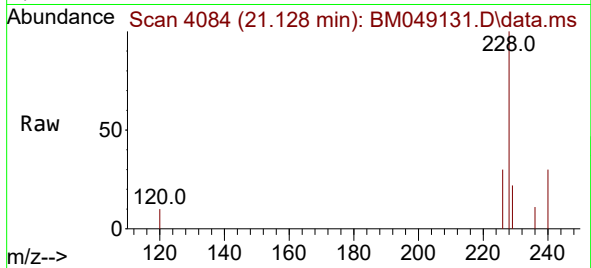




#21
Benzo(a)anthracene
Concen: 0.149 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

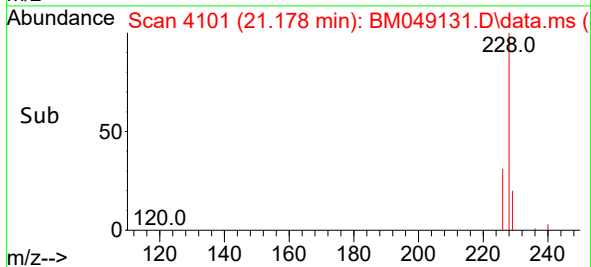
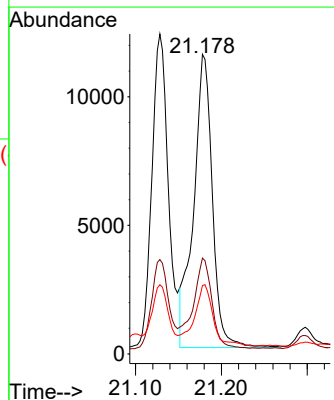
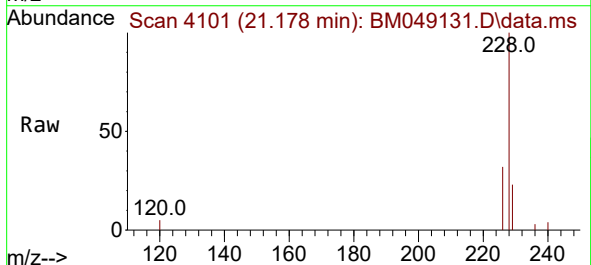
Instrument :
BNA_M
ClientSampleId :
E2901DL

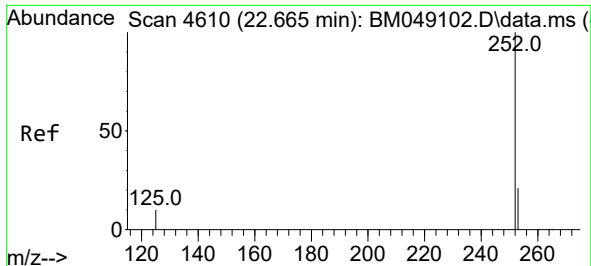
Tgt Ion:228 Resp: 16101
Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 29.5 22.6 34.0



#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

Tgt Ion:228 Resp: 17391
Ion Ratio Lower Upper
228 100
226 32.0 24.1 36.1
229 22.9 15.8 23.8

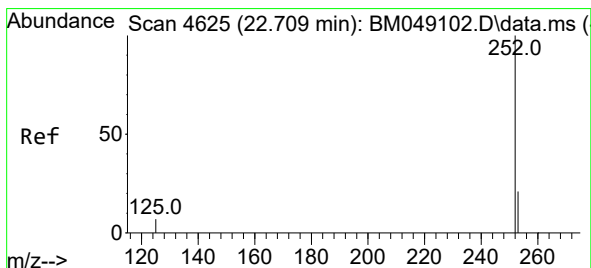
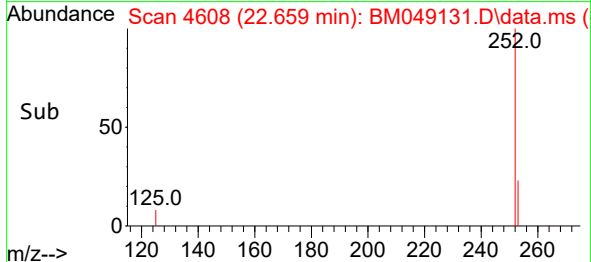
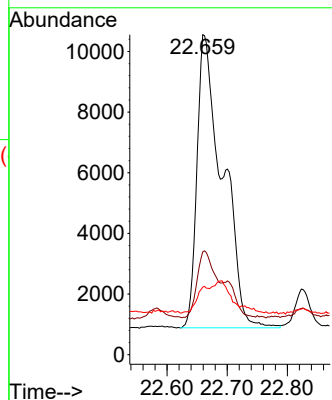
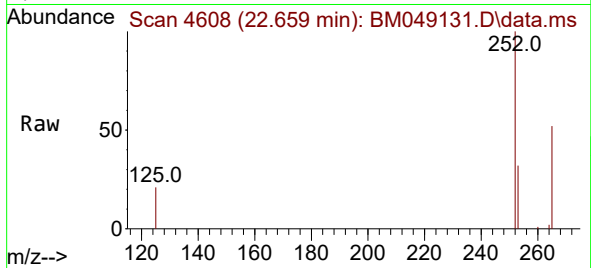




#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

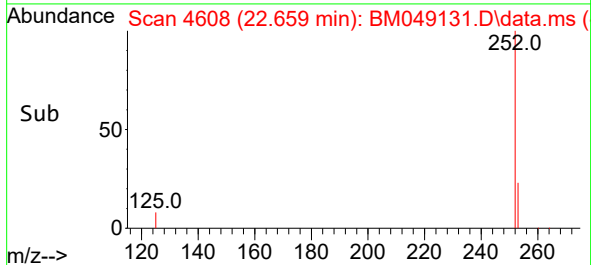
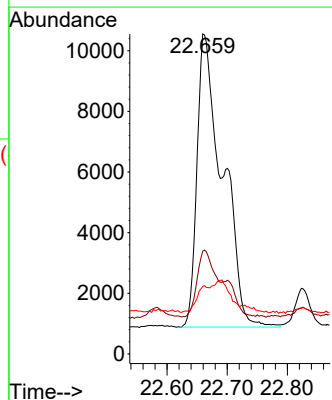
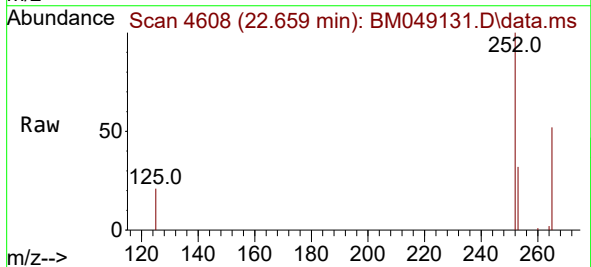
Instrument :
BNA_M
ClientSampleId :
E2901DL

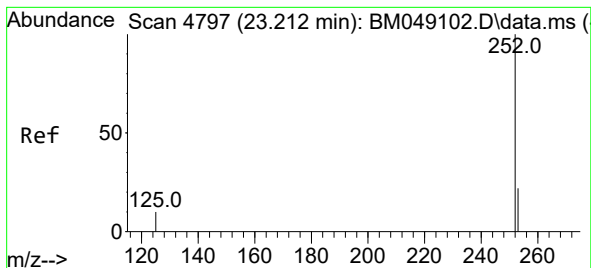
Tgt Ion:252 Resp: 28435
Ion Ratio Lower Upper
252 100
253 32.2 0.0 52.6
125 21.1 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.244 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

Tgt Ion:252 Resp: 28435
Ion Ratio Lower Upper
252 100
253 32.2 21.3 31.9#
125 21.1 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.126 ng/ul

RT: 23.206 min Scan# 4795

Delta R.T. -0.003 min

Lab File: BM049131.D

Acq: 21 Dec 2024 10:14

Instrument :

BNA_M

ClientSampleId :

E2901DL

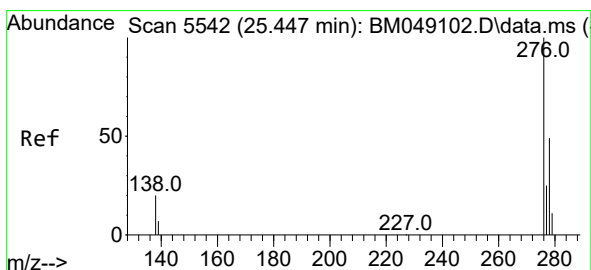
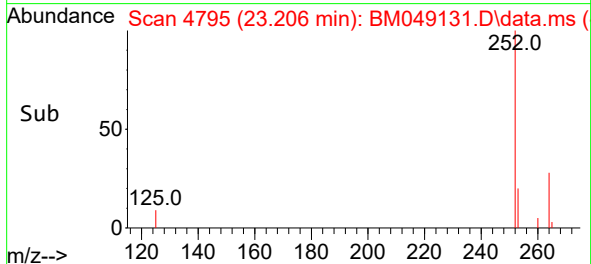
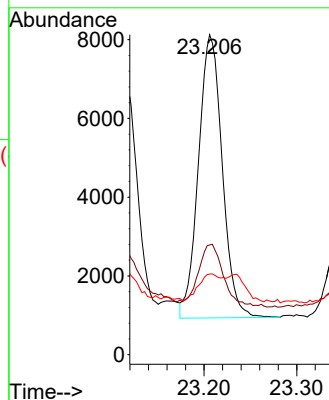
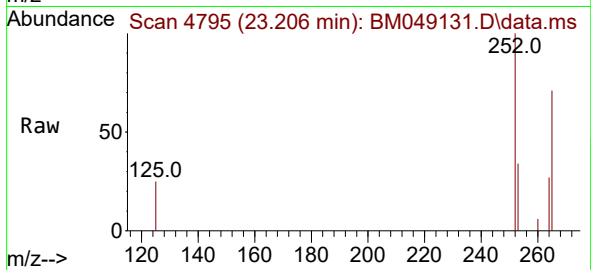
Tgt Ion:252 Resp: 12855

Ion Ratio Lower Upper

252 100

253 34.3 22.4 33.6#

125 25.2 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.072 ng/ul

RT: 25.440 min Scan# 5540

Delta R.T. -0.007 min

Lab File: BM049131.D

Acq: 21 Dec 2024 10:14

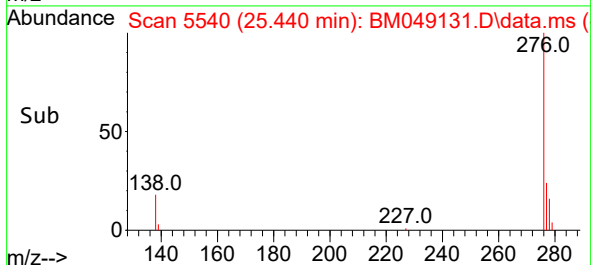
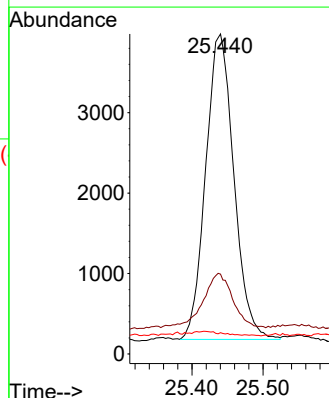
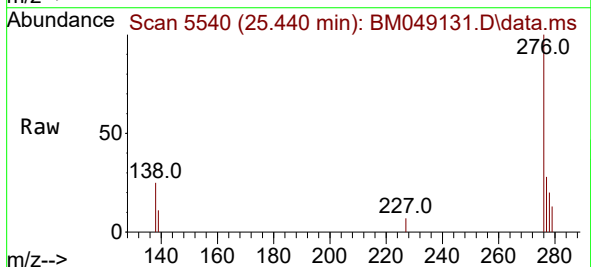
Tgt Ion:276 Resp: 10436

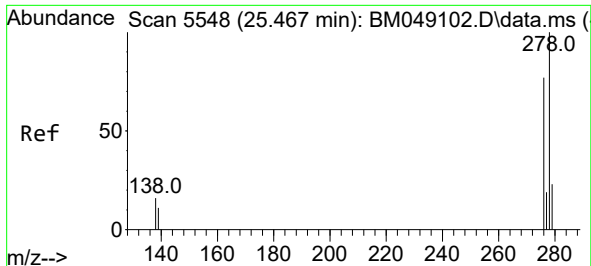
Ion Ratio Lower Upper

276 100

138 19.2 17.4 26.2

227 0.0 0.2 0.2#

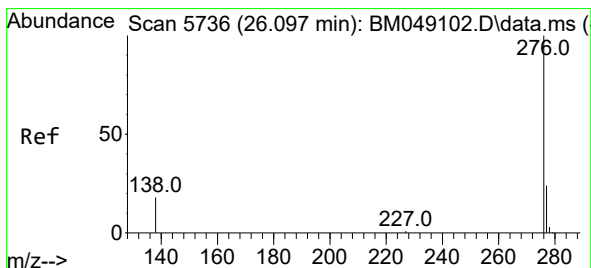
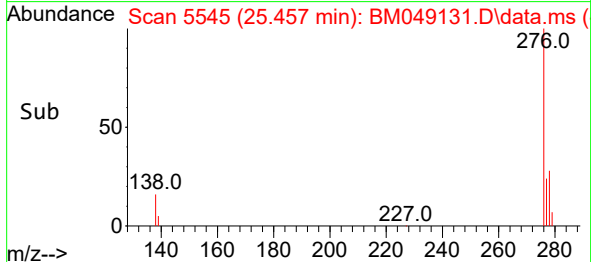
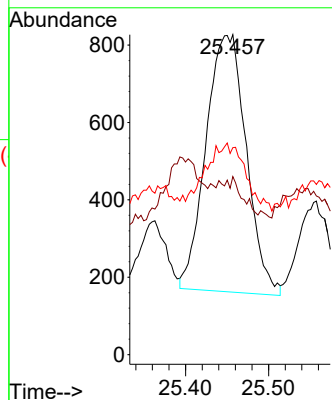
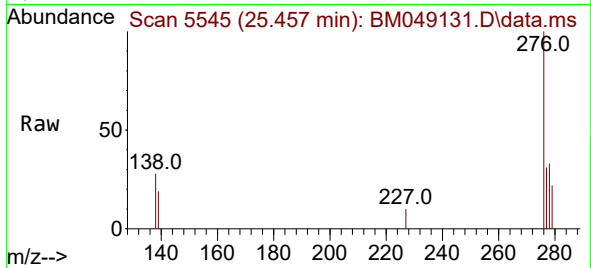




#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 25.457 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

Instrument :
BNA_M
ClientSampleId :
E2901DL

Tgt Ion:278 Resp: 2241
Ion Ratio Lower Upper
278 100
139 55.6 13.5 20.3#
279 64.7 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 26.091 min Scan# 5734
Delta R.T. -0.004 min
Lab File: BM049131.D
Acq: 21 Dec 2024 10:14

Tgt Ion:276 Resp: 11521
Ion Ratio Lower Upper
276 100
138 24.6 16.7 25.1
277 27.5 19.9 29.9

