

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123024\
 Data File : BM049299.D
 Acq On : 30 Dec 2024 12:46
 Operator : RC/JU
 Sample : P5351-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2926DL

Quant Time: Dec 30 13:34:05 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)

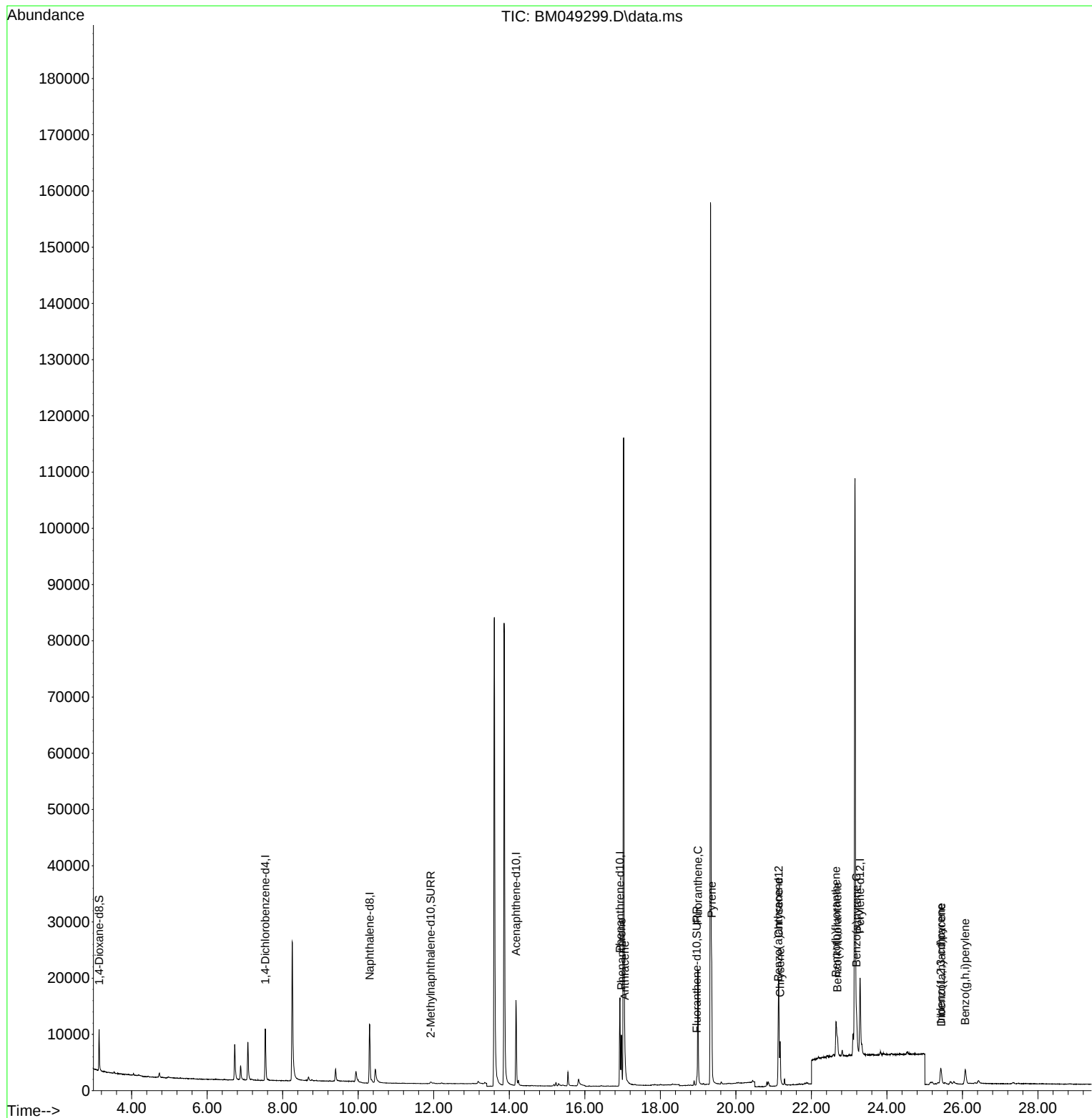
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5515	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	16090	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	9330	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	19898	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	16771	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	17223m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	4269	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	803	0.037	ng/ul	0.01
18) Fluoranthene-d10	18.965	212	1751	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.968	178	9968	0.192	ng/ul	99
16) Anthracene	17.061	178	2399	0.050	ng/ul#	85
19) Fluoranthene	18.997	202	19328	0.319	ng/ul	98
20) Pyrene	19.360	202	17494	0.271	ng/ul	99
21) Benzo(a)anthracene	21.119	228	8288	0.142	ng/ul	96
22) Chrysene	21.172	228	7518	0.120	ng/ul	96
24) Benzo(b)fluoranthene	22.650	252	10366m	0.188	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	4460m	0.074	ng/ul	
26) Benzo(a)pyrene	23.194	252	6836	0.130	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.427	276	5268	0.071	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.440	278	1181	0.020	ng/ul#	10
29) Benzo(g,h,i)perylene	26.074	276	5673	0.094	ng/ul#	88

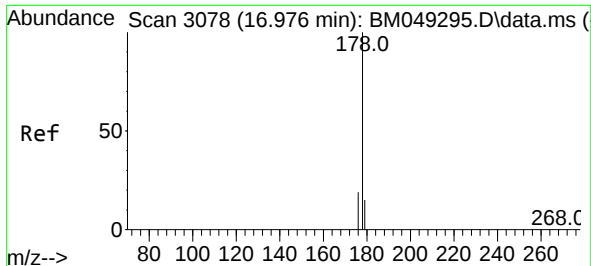
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 30 13:34:05 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

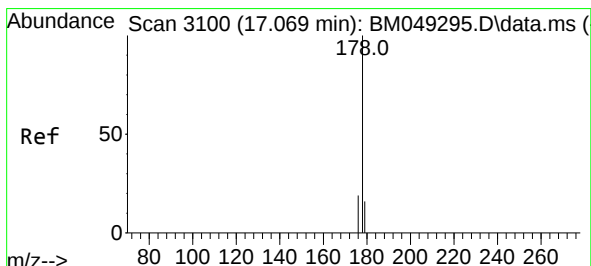
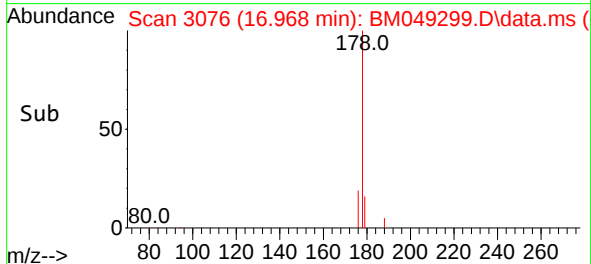
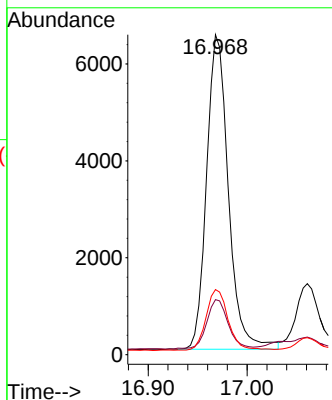
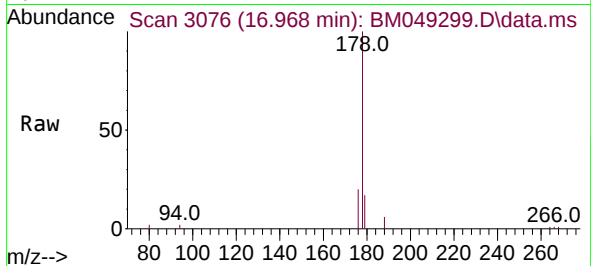




#15
Phenanthrene
Concen: 0.192 ng/ul
RT: 16.968 min Scan# 3078
Delta R.T. -0.007 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

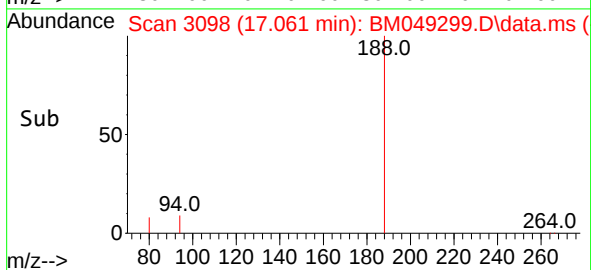
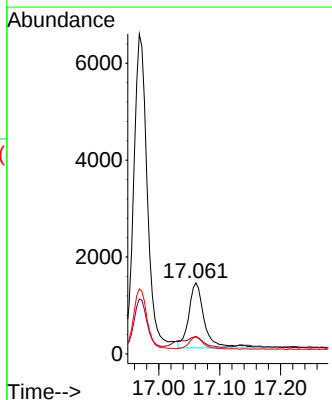
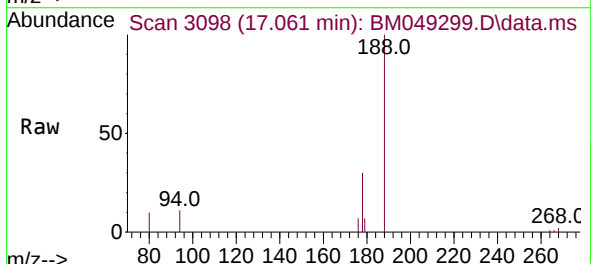
Instrument :
BNA_M
ClientSampleId :
E2926DL

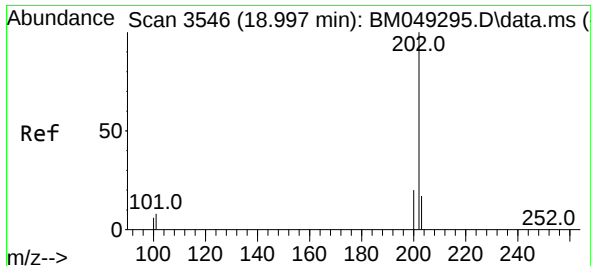
Tgt Ion:178 Resp: 9968
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 20.3 16.2 24.2



#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

Tgt Ion:178 Resp: 2399
Ion Ratio Lower Upper
178 100
179 24.7 12.9 19.3#
176 23.8 15.3 22.9#

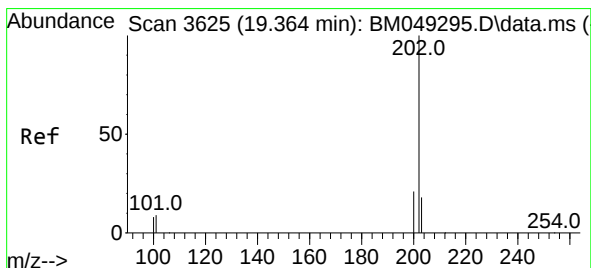
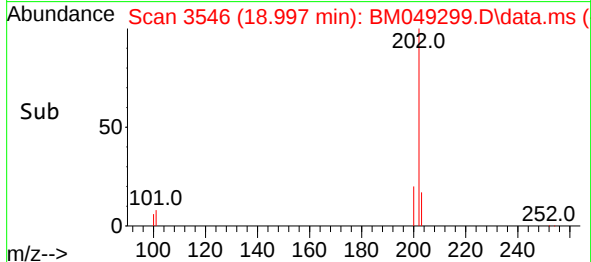
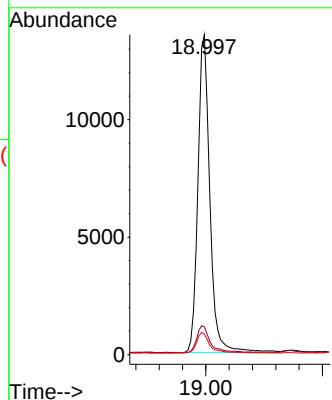
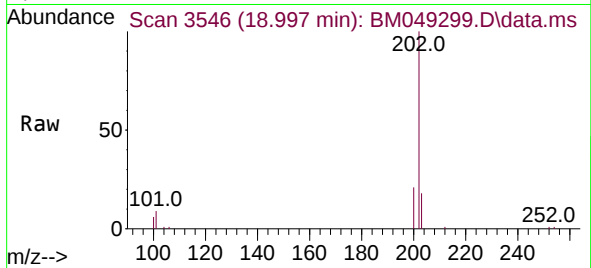




#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 18.997 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

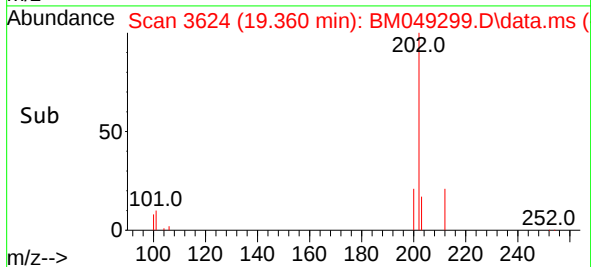
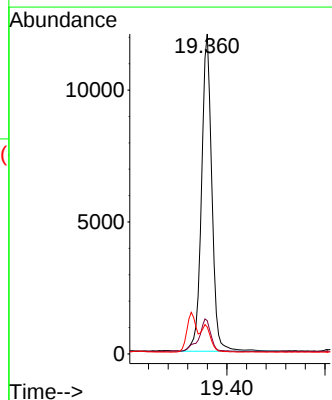
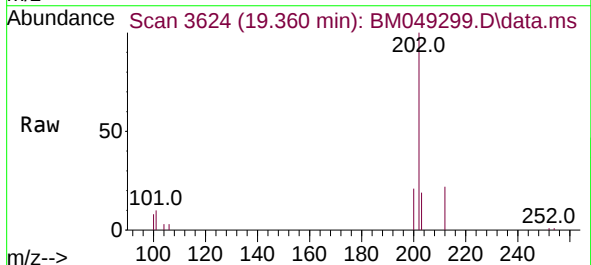
Instrument :
BNA_M
ClientSampleId :
E2926DL

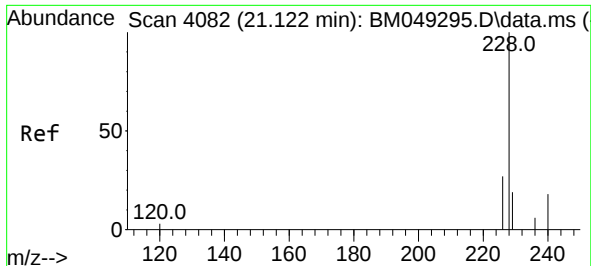
Tgt Ion:202 Resp: 19328
Ion Ratio Lower Upper
202 100
101 8.7 7.6 11.4
100 6.5 5.5 8.3



#20
Pyrene
Concen: 0.271 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

Tgt Ion:202 Resp: 17494
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.4 6.9 10.3

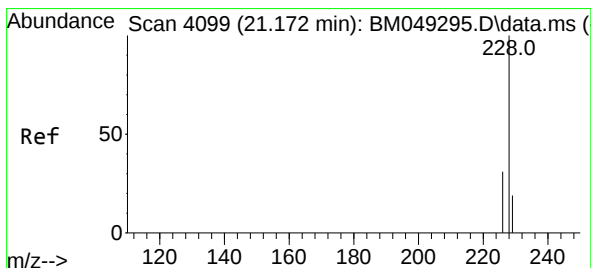
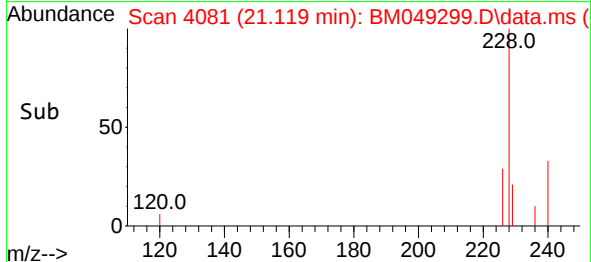
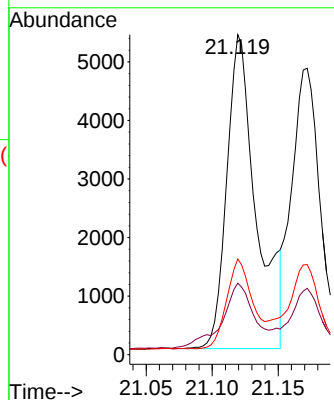
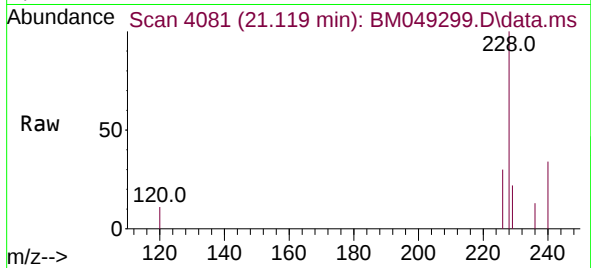




#21
Benzo(a)anthracene
Concen: 0.142 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

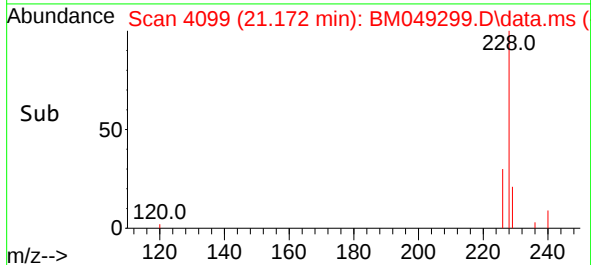
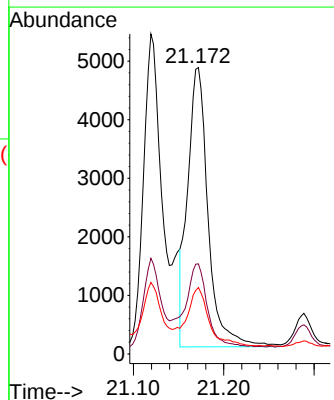
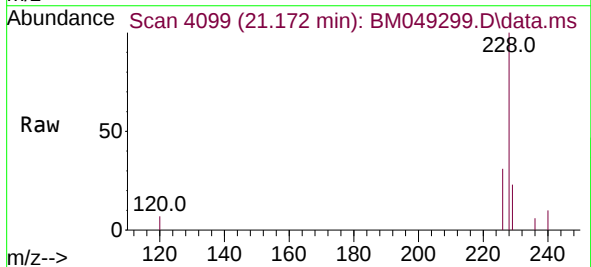
Instrument :
BNA_M
ClientSampleId :
E2926DL

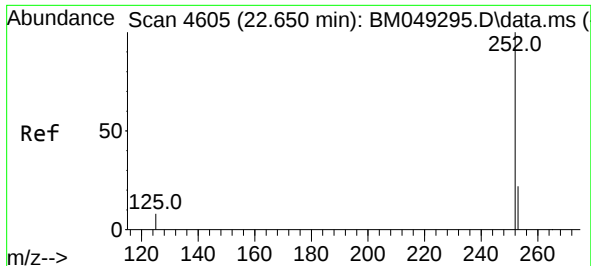
Tgt Ion:228 Resp: 8288
Ion Ratio Lower Upper
228 100
229 22.4 15.9 23.9
226 29.9 22.6 34.0



#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.000 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

Tgt Ion:228 Resp: 7518
Ion Ratio Lower Upper
228 100
226 31.5 24.1 36.1
229 23.2 15.8 23.8

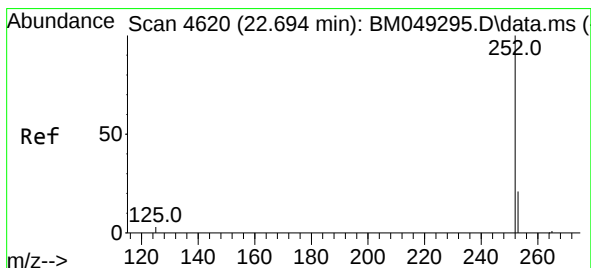
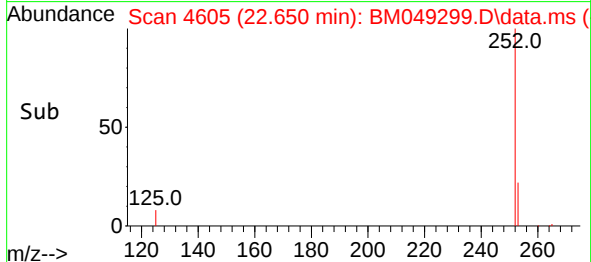
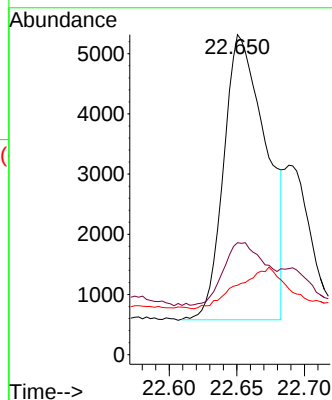
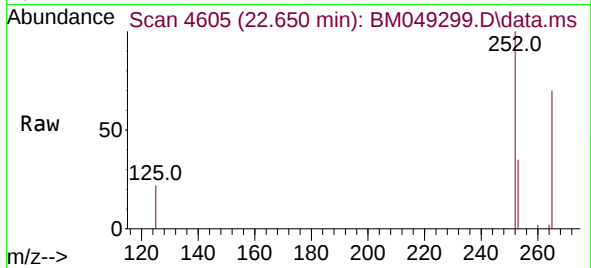




#24
Benzo(b)fluoranthene
Concen: 0.188 ng/ul m
RT: 22.650 min Scan# 4605
Delta R.T. 0.002 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

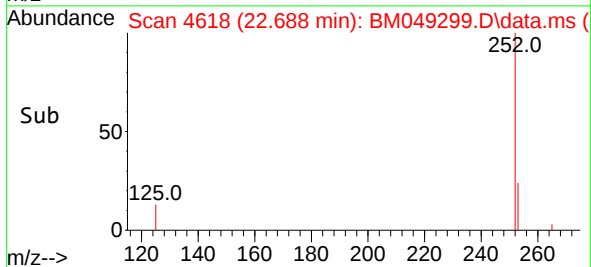
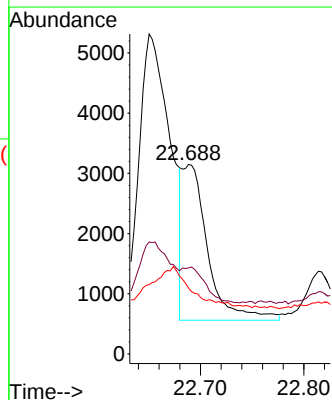
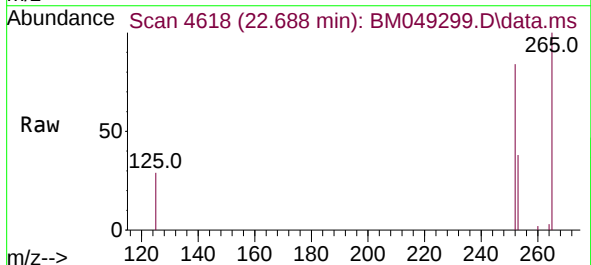
Instrument :
BNA_M
ClientSampleId :
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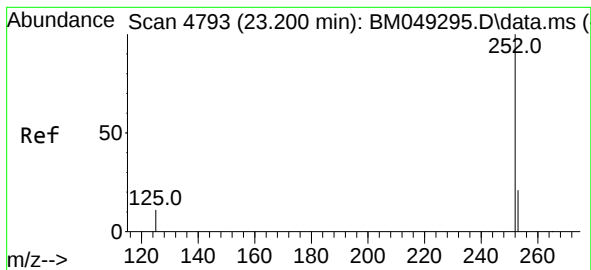
Tgt Ion:252 Resp: 10366
Ion Ratio Lower Upper
252 100
253 35.0 0.0 52.6
125 21.7 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 22.688 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

Tgt Ion:252 Resp: 4460
Ion Ratio Lower Upper
252 100
253 45.4 21.3 31.9#
125 34.8 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.130 ng/ul

RT: 23.194 min Scan# 4791

Delta R.T. 0.002 min

Lab File: BM049299.D

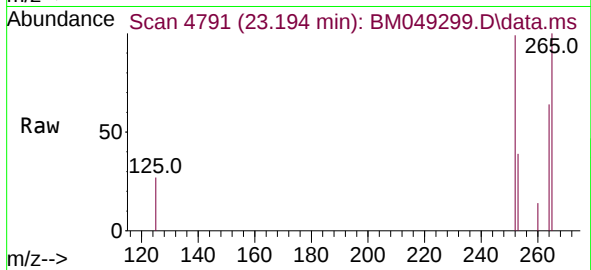
Acq: 30 Dec 2024 12:46

Instrument :

BNA_M

ClientSampleId :

E2926DL



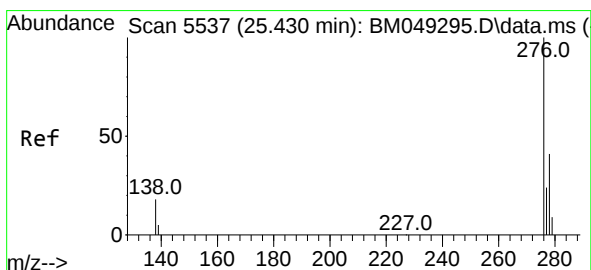
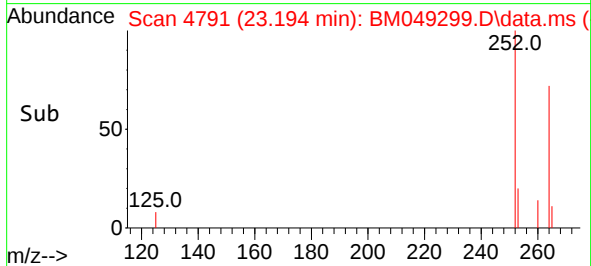
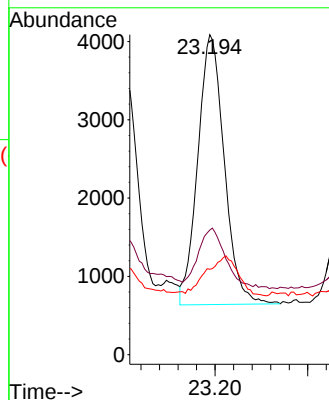
Tgt Ion:252 Resp: 6836

Ion Ratio Lower Upper

252 100

253 39.0 22.4 33.6#

125 26.7 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. 0.010 min

Lab File: BM049299.D

Acq: 30 Dec 2024 12:46

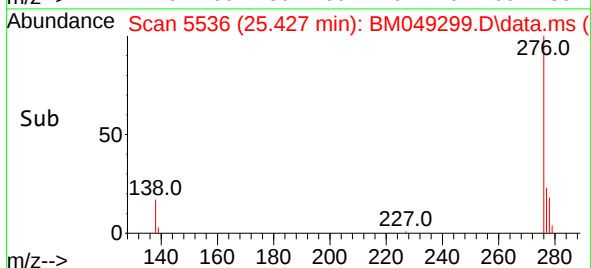
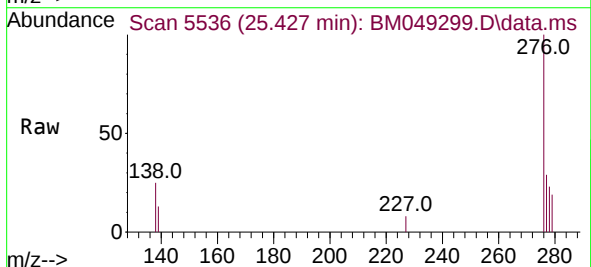
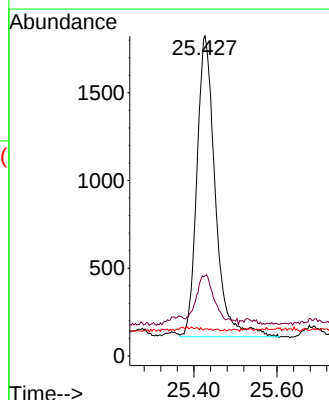
Tgt Ion:276 Resp: 5268

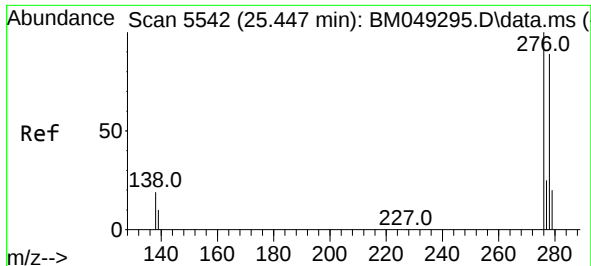
Ion Ratio Lower Upper

276 100

138 16.8 17.4 26.2#

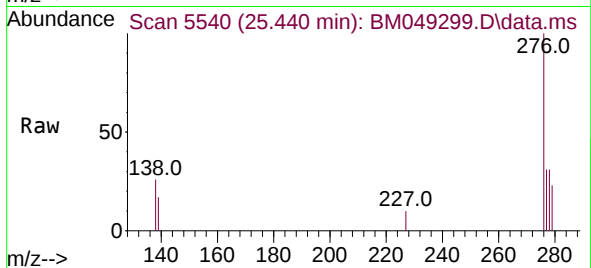
227 0.2 0.2 0.2#



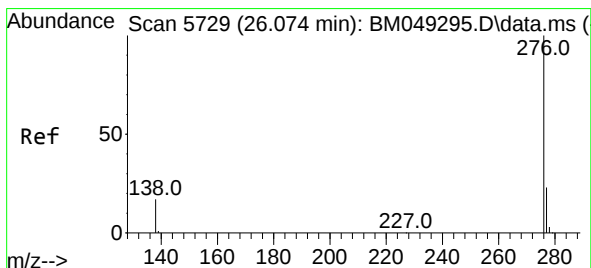
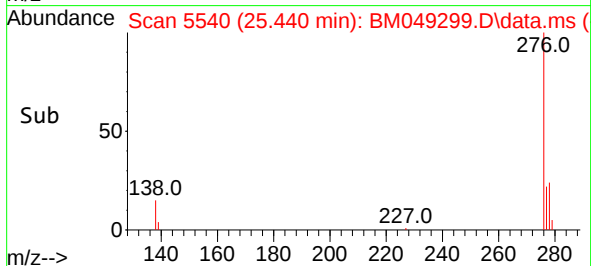
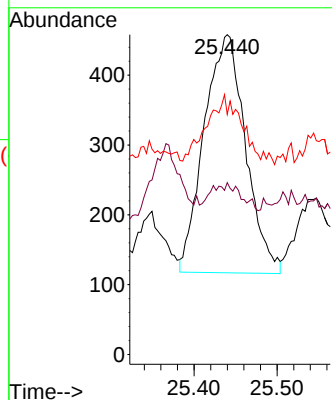


#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 25.440 min Scan# 51181
Delta R.T. 0.003 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

Instrument :
BNA_M
ClientSampleId :
E2926DL



Tgt Ion:278 Resp: 1181
Ion Ratio Lower Upper
278 100
139 53.7 13.5 20.3#
279 75.1 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. 0.006 min
Lab File: BM049299.D
Acq: 30 Dec 2024 12:46

Tgt Ion:276 Resp: 5673
Ion Ratio Lower Upper
276 100
138 27.6 16.7 25.1#
277 29.6 19.9 29.9

