

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123024\
 Data File : BM049298.D
 Acq On : 30 Dec 2024 12:10
 Operator : RC/JU
 Sample : P5351-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2925DL

Quant Time: Dec 30 12:41:04 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)

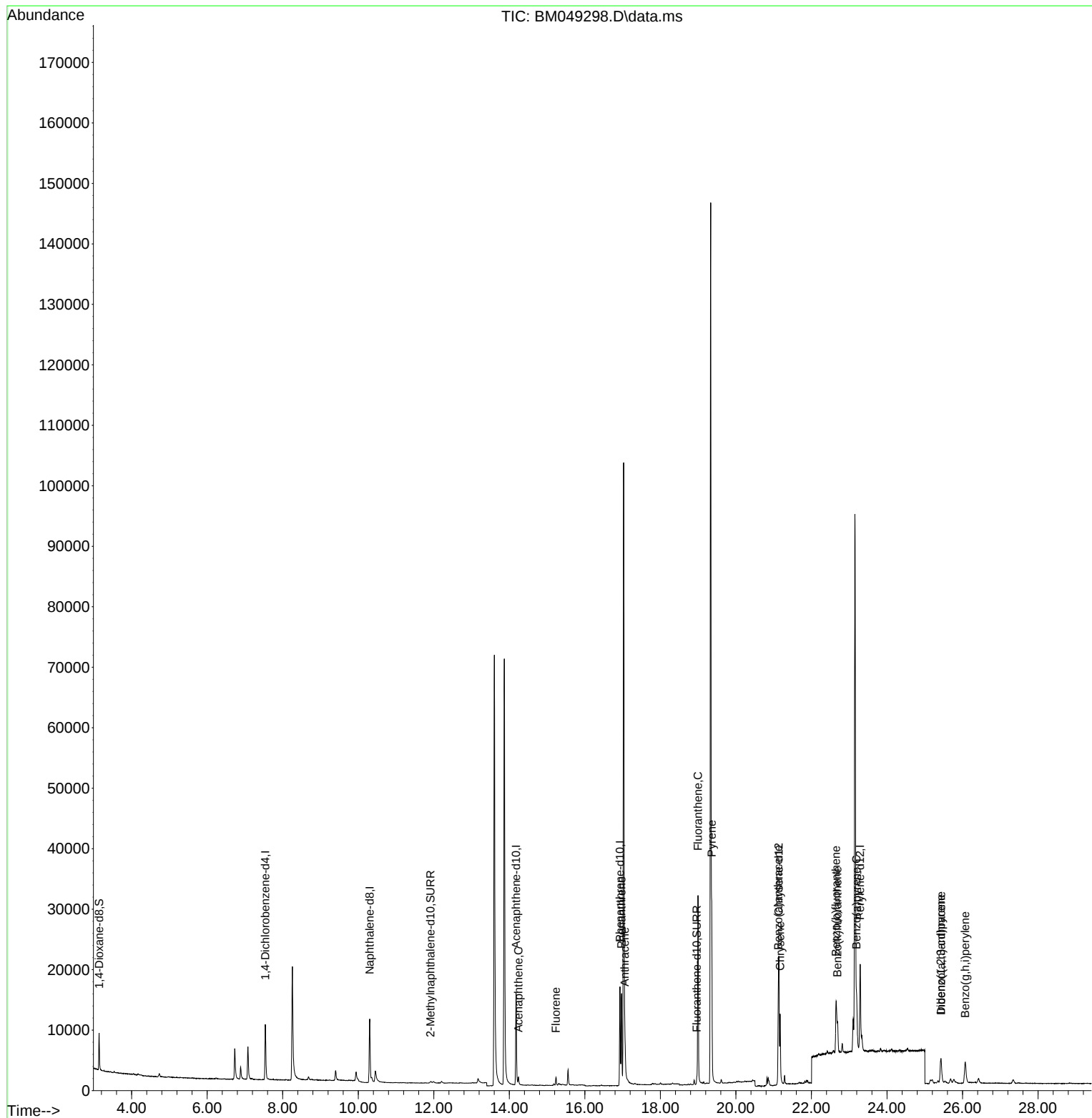
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5350	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	16123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	9374	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	20450	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	17360	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	17848m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3594	0.582	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	744	0.034	ng/ul	0.00
18) Fluoranthene-d10	18.964	212	1595	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.242	153	734	0.026	ng/ul	94
12) Fluorene	15.236	166	910	0.028	ng/ul#	93
15) Phenanthrene	16.971	178	16740	0.313	ng/ul	99
16) Anthracene	17.060	178	4471	0.091	ng/ul#	92
19) Fluoranthene	18.996	202	29212	0.465	ng/ul	99
20) Pyrene	19.359	202	25247	0.377	ng/ul	99
21) Benzo(a)anthracene	21.120	228	12299	0.204	ng/ul	97
22) Chrysene	21.172	228	11561	0.178	ng/ul	97
24) Benzo(b)fluoranthene	22.651	252	14550m	0.255	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	6112m	0.098	ng/ul	
26) Benzo(a)pyrene	23.195	252	9786	0.179	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.427	276	7535	0.097	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.434	278	1737	0.029	ng/ul#	37
29) Benzo(g,h,i)perylene	26.071	276	7919	0.127	ng/ul	95

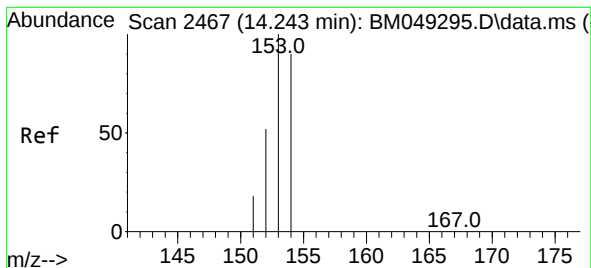
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 30 12:41:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#11

Acenaphthene

Concen: 0.026 ng/ul

RT: 14.242 min Scan# 2467

Delta R.T. -0.005 min

Lab File: BM049298.D

Acq: 30 Dec 2024 12:10

Instrument :

BNA_M

ClientSampleId :

E2925DL

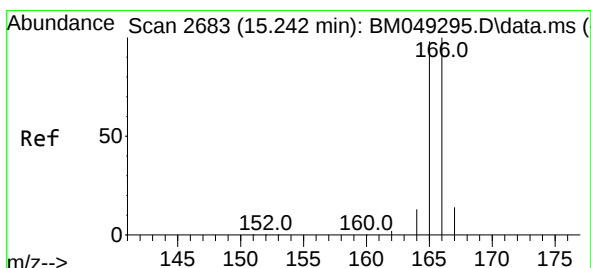
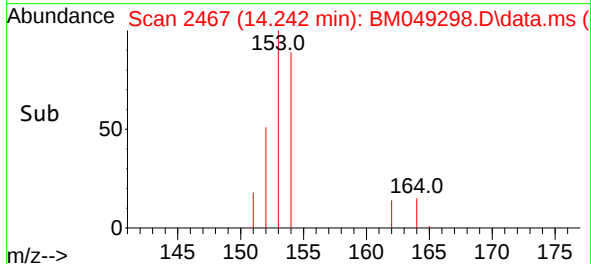
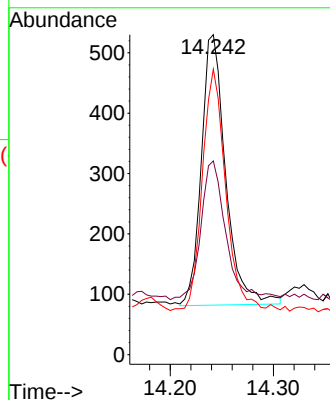
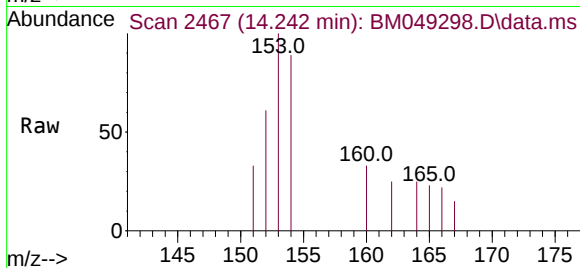
Tgt Ion:153 Resp: 734

Ion Ratio Lower Upper

153 100

152 60.6 40.7 61.1

154 89.2 70.8 106.2



#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.236 min Scan# 2682

Delta R.T. -0.005 min

Lab File: BM049298.D

Acq: 30 Dec 2024 12:10

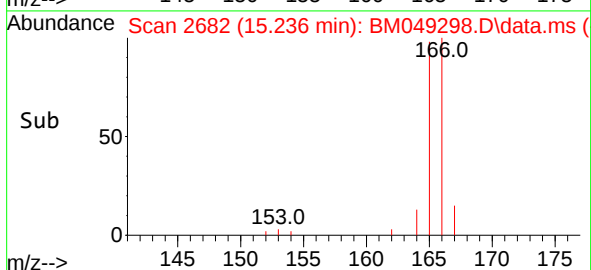
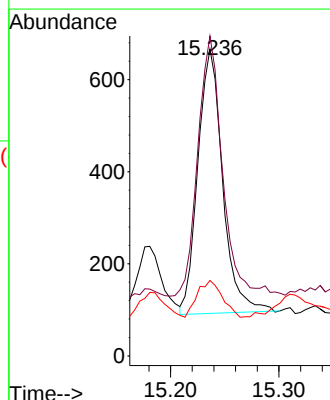
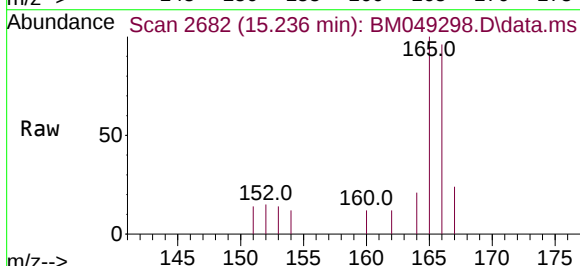
Tgt Ion:166 Resp: 910

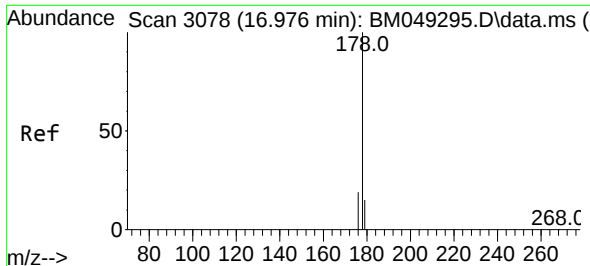
Ion Ratio Lower Upper

166 100

165 104.2 79.7 119.5

167 24.6 11.4 17.0#

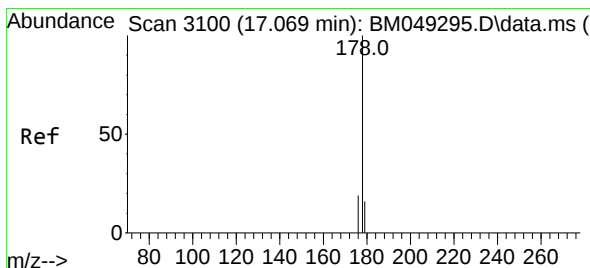
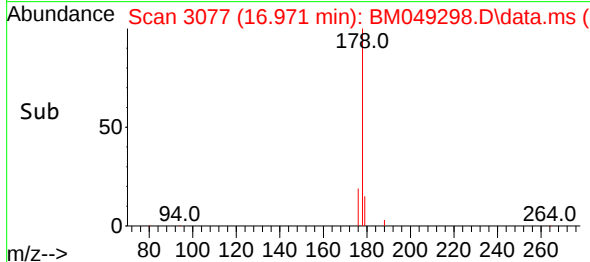
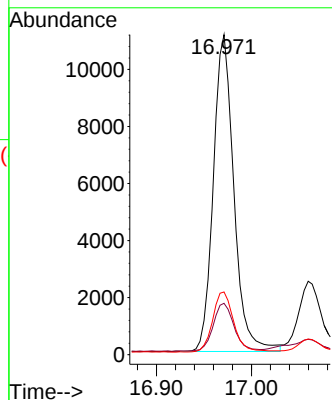
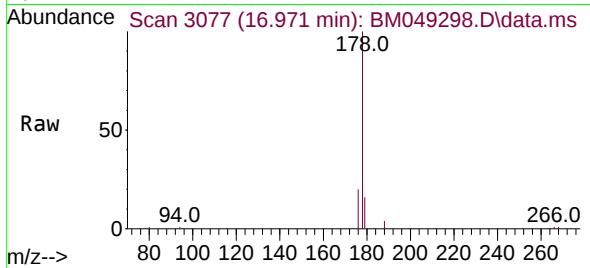




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

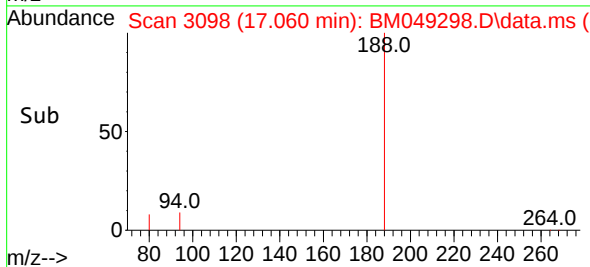
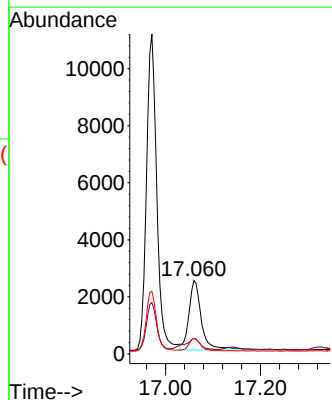
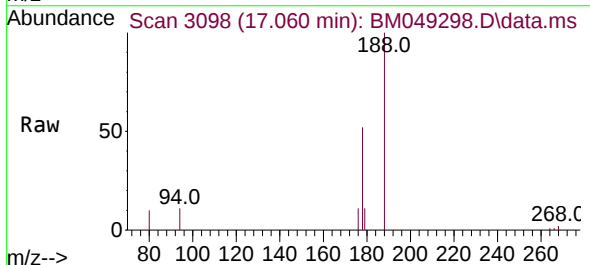
Instrument :
BNA_M
ClientSampleId :
E2925DL

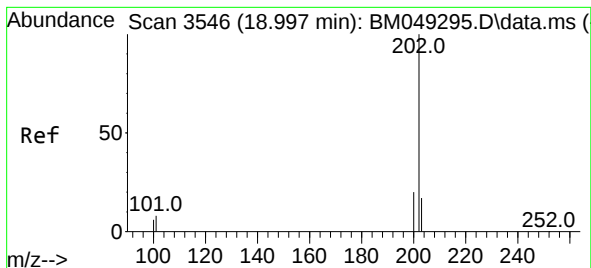
Tgt Ion:178 Resp: 16740
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.6 16.2 24.2



#16
Anthracene
Concen: 0.091 ng/ul
RT: 17.060 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

Tgt Ion:178 Resp: 4471
Ion Ratio Lower Upper
178 100
179 21.0 12.9 19.3#
176 21.3 15.3 22.9





#19

Fluoranthene

Concen: 0.465 ng/ul

RT: 18.996 min Scan# 3546

Delta R.T. -0.005 min

Lab File: BM049298.D

Acq: 30 Dec 2024 12:10

Instrument :

BNA_M

ClientSampleId :

E2925DL

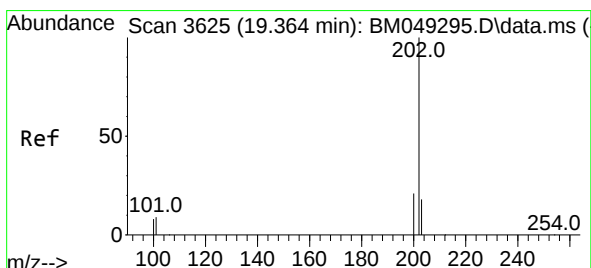
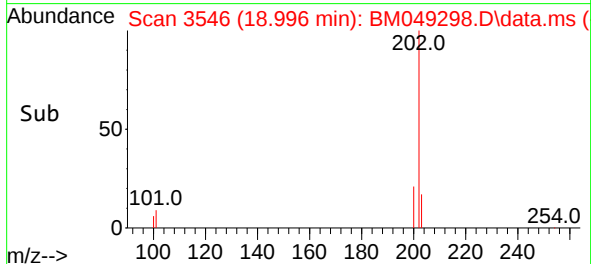
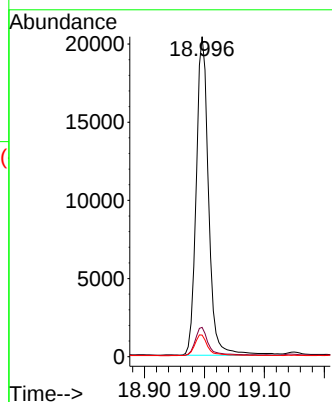
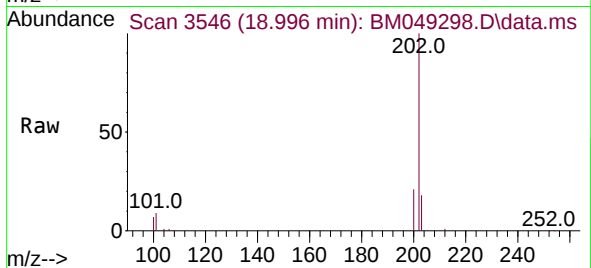
Tgt Ion:202 Resp: 29212

Ion Ratio Lower Upper

202 100

101 9.1 7.6 11.4

100 6.7 5.5 8.3



#20

Pyrene

Concen: 0.377 ng/ul

RT: 19.359 min Scan# 3624

Delta R.T. -0.005 min

Lab File: BM049298.D

Acq: 30 Dec 2024 12:10

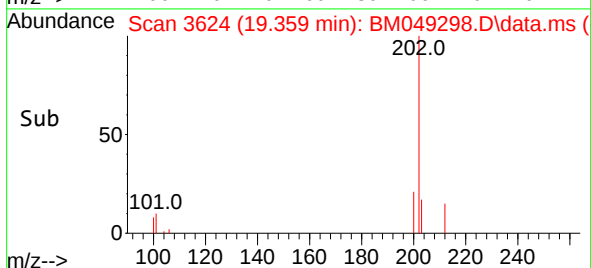
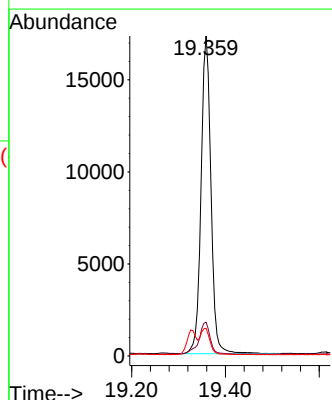
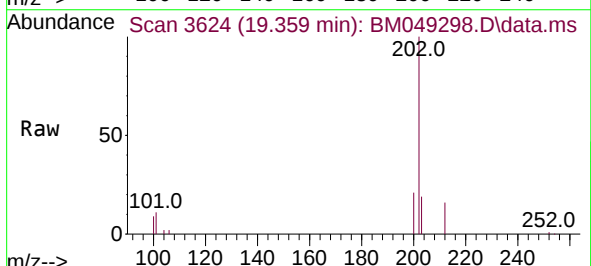
Tgt Ion:202 Resp: 25247

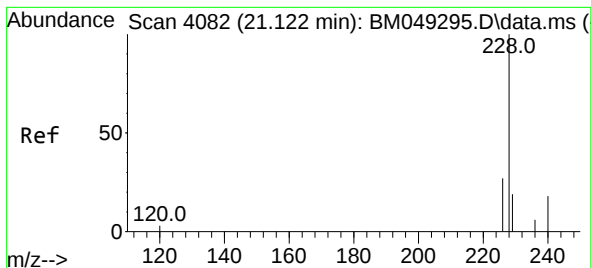
Ion Ratio Lower Upper

202 100

101 10.6 8.9 13.3

100 8.6 6.9 10.3





#21

Benzo(a)anthracene

Concen: 0.204 ng/ul

RT: 21.120 min Scan# 4082

Delta R.T. 0.000 min

Lab File: BM049298.D

Acq: 30 Dec 2024 12:10

Instrument :

BNA_M

ClientSampleId :

E2925DL

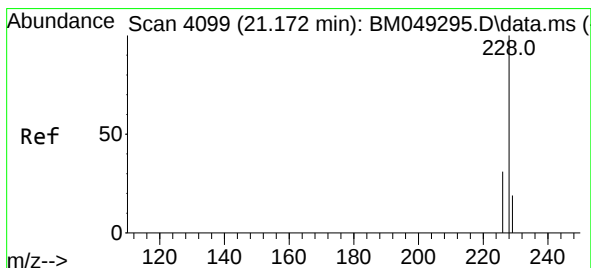
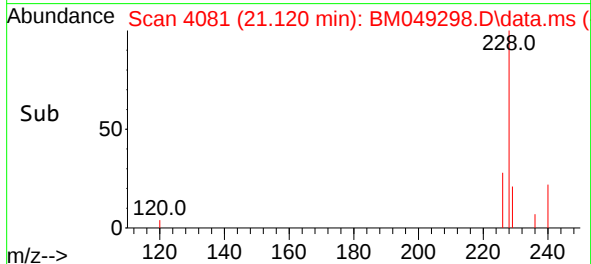
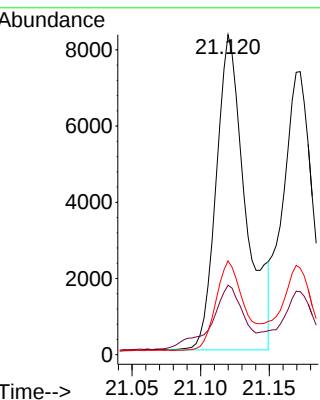
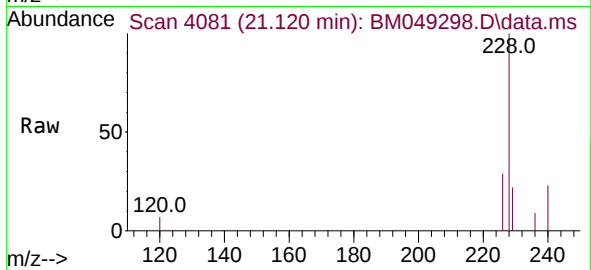
Tgt Ion:228 Resp: 12299

Ion Ratio Lower Upper

228 100

229 21.7 15.9 23.9

226 29.3 22.6 34.0



#22

Chrysene

Concen: 0.178 ng/ul

RT: 21.172 min Scan# 4099

Delta R.T. 0.000 min

Lab File: BM049298.D

Acq: 30 Dec 2024 12:10

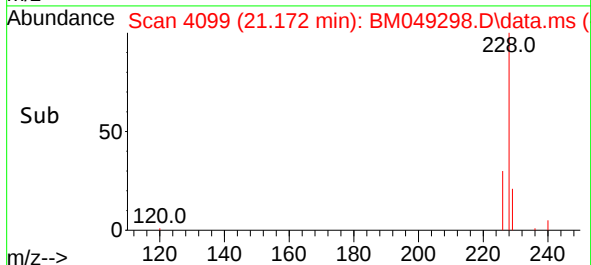
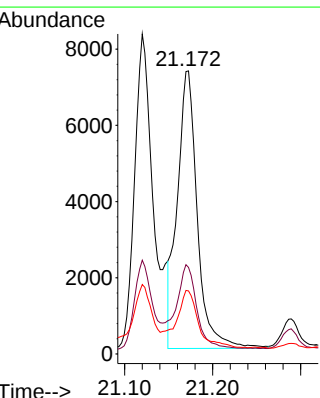
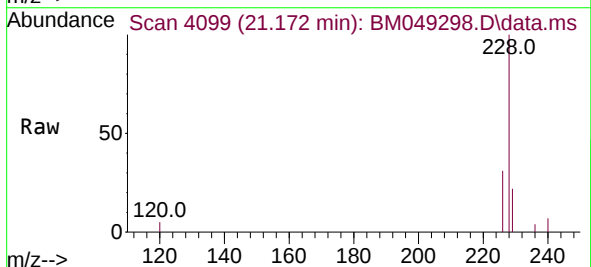
Tgt Ion:228 Resp: 11561

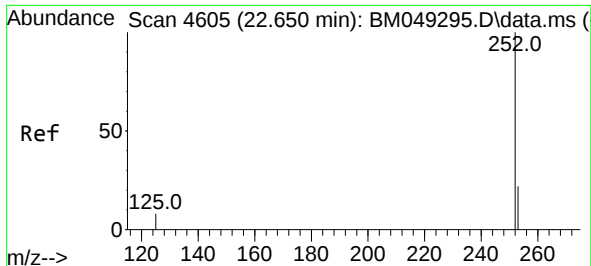
Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 22.2 15.8 23.8

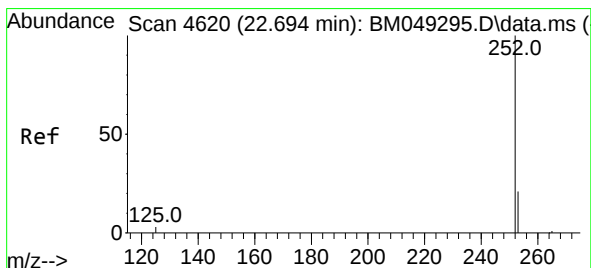
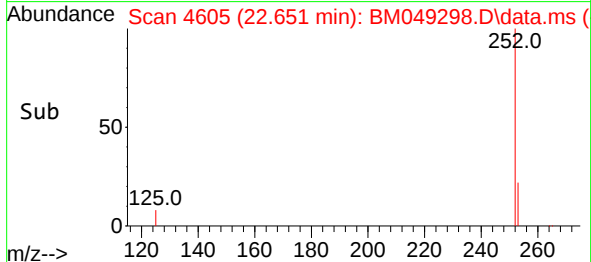
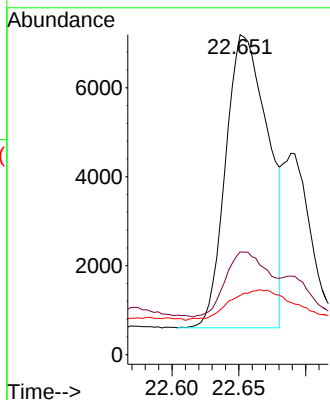
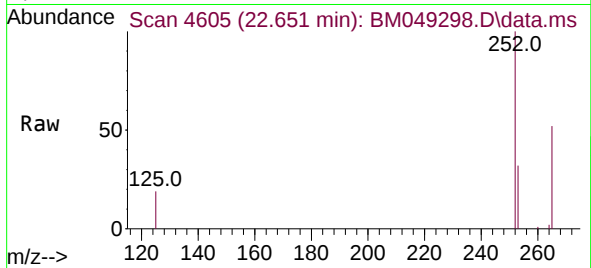




#24
Benzo(b)fluoranthene
Concen: 0.255 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

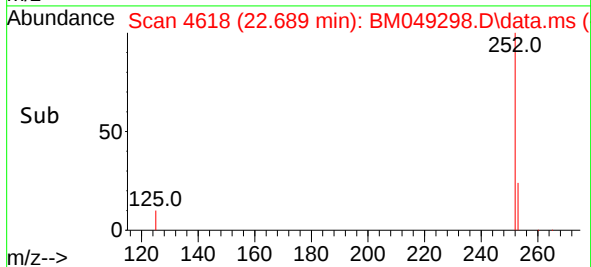
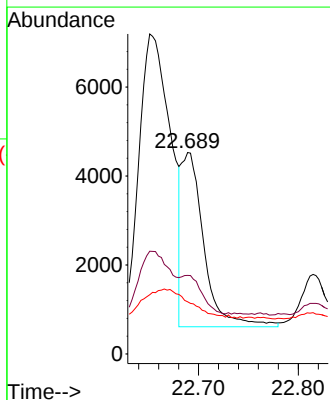
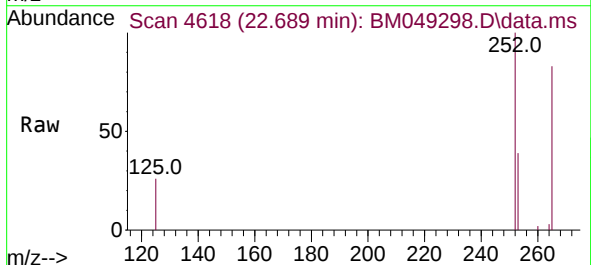
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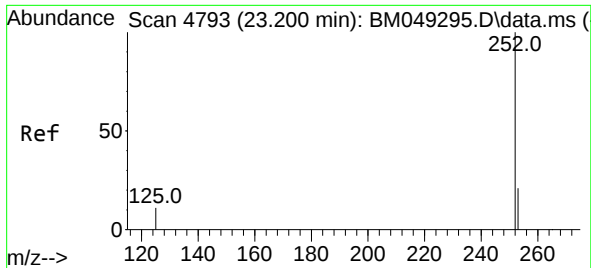
Tgt Ion:252 Resp: 14550
Ion Ratio Lower Upper
252 100
253 32.1 0.0 52.6
125 18.5 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

Tgt Ion:252 Resp: 6112
Ion Ratio Lower Upper
252 100
253 39.0 21.3 31.9#
125 25.9 12.6 18.8#

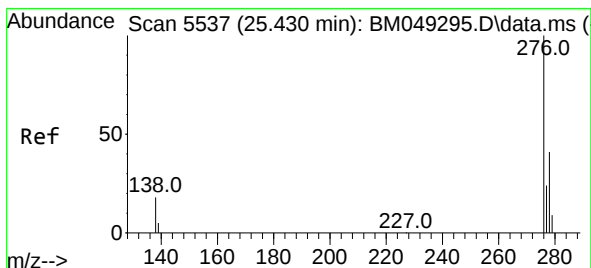
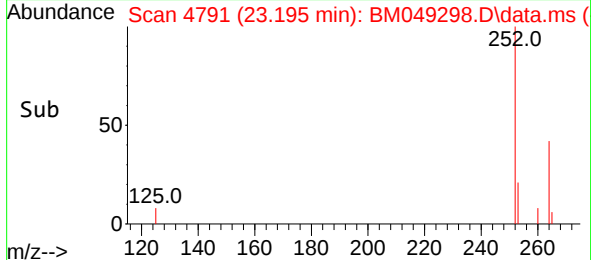
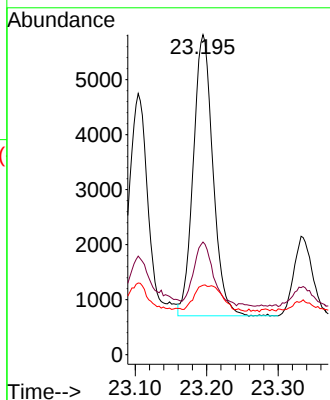
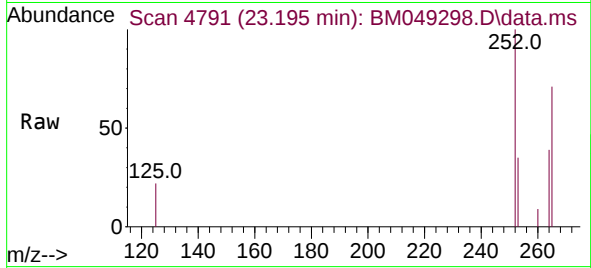




#26
Benzo(a)pyrene
Concen: 0.179 ng/ul
RT: 23.195 min Scan# 4791
Delta R.T. 0.003 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

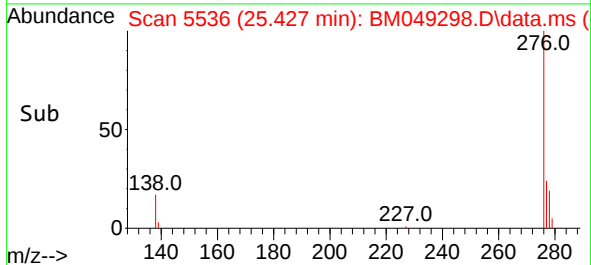
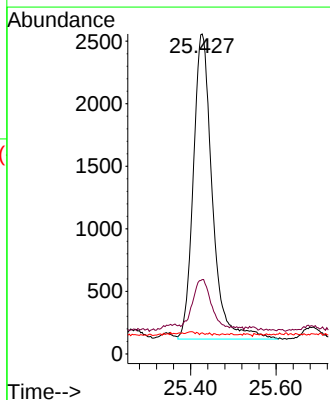
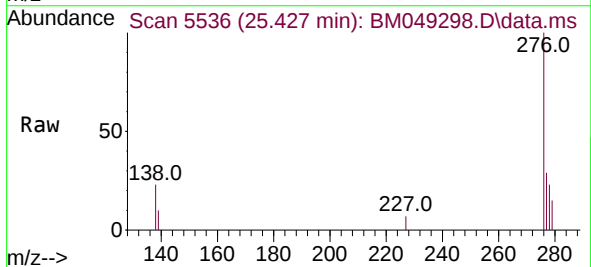
Instrument :
BNA_M
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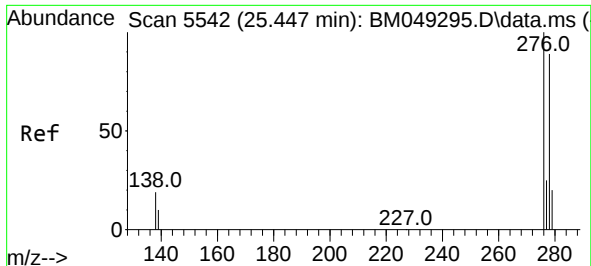
Tgt Ion:252 Resp: 9786
Ion Ratio Lower Upper
252 100
253 35.2 22.4 33.6#
125 21.7 14.8 22.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. 0.010 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

Tgt Ion:276 Resp: 7535
Ion Ratio Lower Upper
276 100
138 18.0 17.4 26.2
227 0.1 0.2 0.2#

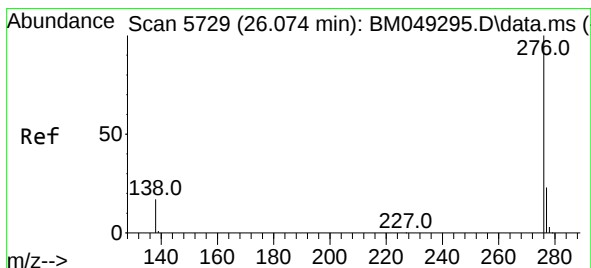
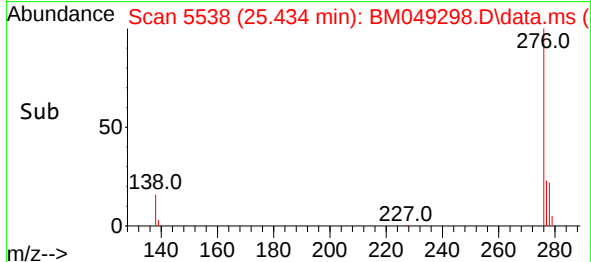
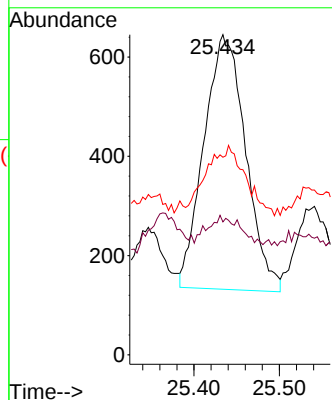
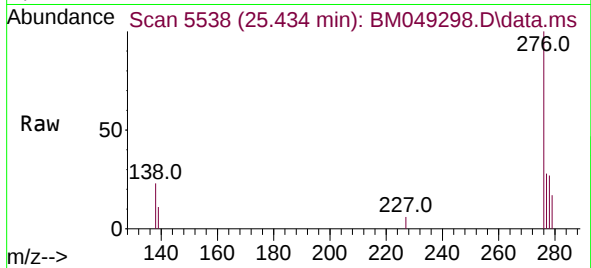




#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.434 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

Instrument :
BNA_M
ClientSampleId :
E2925DL

Tgt Ion:278 Resp: 1737
Ion Ratio Lower Upper
278 100
139 41.6 13.5 20.3#
279 61.7 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.127 ng/ul
RT: 26.071 min Scan# 5728
Delta R.T. 0.003 min
Lab File: BM049298.D
Acq: 30 Dec 2024 12:10

Tgt Ion:276 Resp: 7919
Ion Ratio Lower Upper
276 100
138 23.2 16.7 25.1
277 27.6 19.9 29.9

