

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049228.D
 Acq On : 26 Dec 2024 16:22
 Operator : RC/JU
 Sample : P5333-06DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2909DL

Quant Time: Dec 26 21:58:30 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

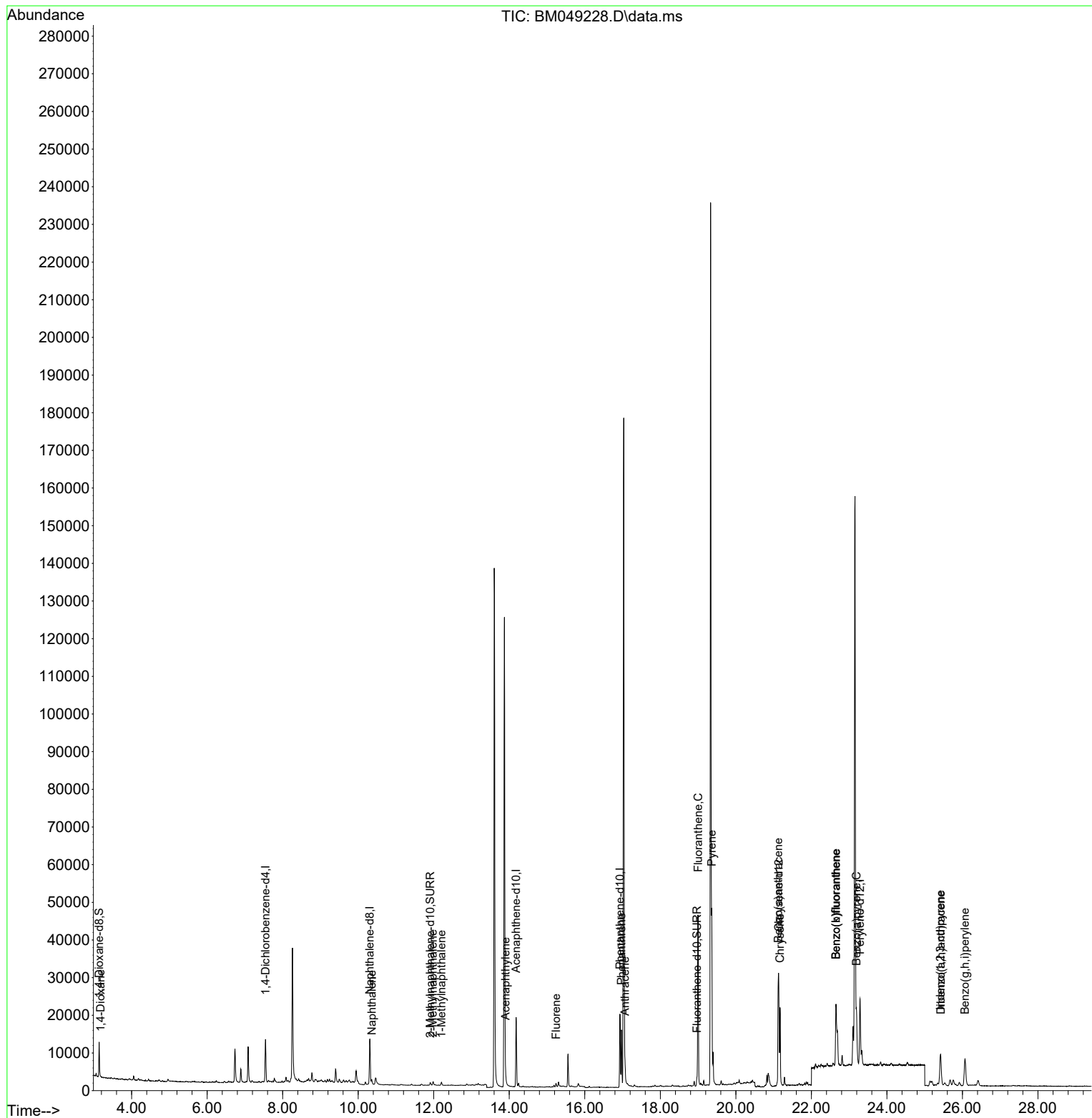
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.543	152	5494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	17073	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	10715	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	24332	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	21761	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	23325	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	5000	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.908	152	1085	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	2516	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	176	0.024	ng/ul#	35
5) Naphthalene	10.358	128	2003	0.047	ng/ul#	81
7) 2-Methylnaphthalene	11.980	142	941	0.035	ng/ul	93
8) 1-Methylnaphthalene	12.205	142	706	0.025	ng/ul	95
10) Acenaphthylene	13.899	152	1430	0.032	ng/ul#	69
12) Fluorene	15.241	166	1329	0.036	ng/ul#	92
15) Phenanthrene	16.971	178	15980	0.251	ng/ul	100
16) Anthracene	17.064	178	3306	0.057	ng/ul#	91
19) Fluoranthene	19.001	202	41391	0.526	ng/ul	98
20) Pyrene	19.363	202	38278	0.456	ng/ul	98
21) Benzo(a)anthracene	21.120	228	18861	0.249	ng/ul	97
22) Chrysene	21.169	228	21019	0.259	ng/ul	97
24) Benzo(b)fluoranthene	22.651	252	37298	0.501	ng/ul	98
25) Benzo(k)fluoranthene	22.651	252	37298	0.456	ng/ul	98
26) Benzo(a)pyrene	23.195	252	17641	0.247	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.417	276	13723	0.136	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.430	278	3171	0.040	ng/ul#	63
29) Benzo(g,h,i)perylene	26.068	276	15244	0.187	ng/ul	98

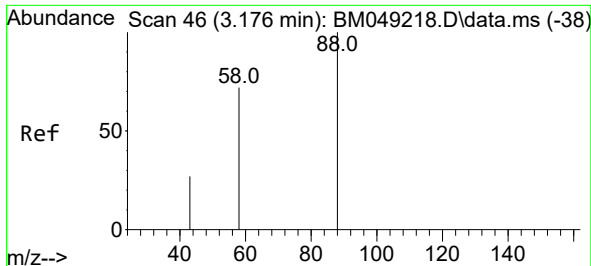
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM049228.D
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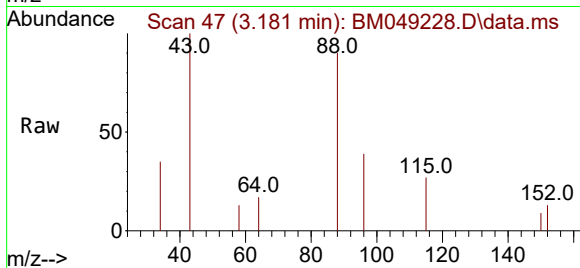
Quant Time: Dec 26 21:58:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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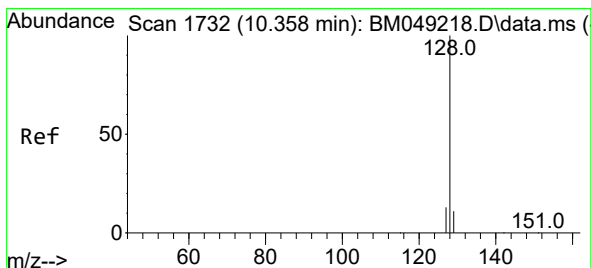
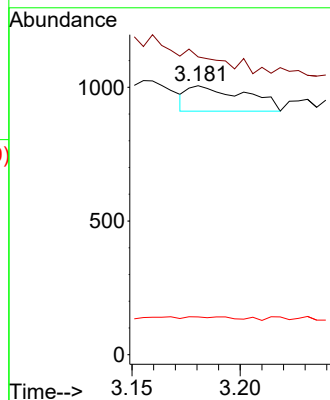
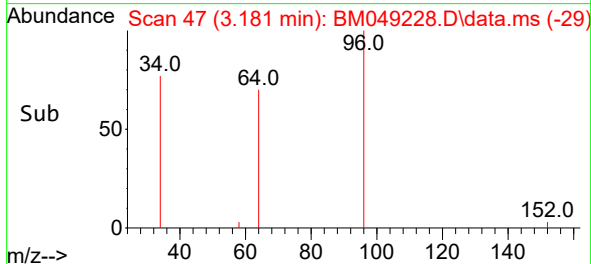


#2
1,4-Dioxane
Concen: 0.024 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. 0.004 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

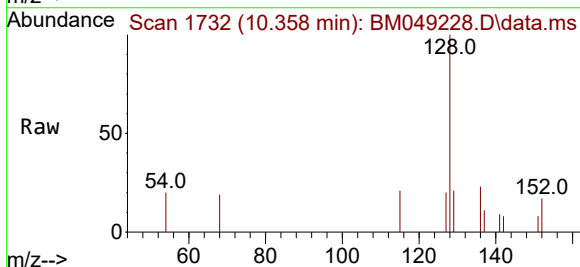
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BNA_M
ClientSampleId :
E2909DL



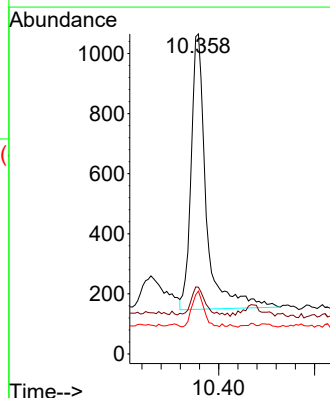
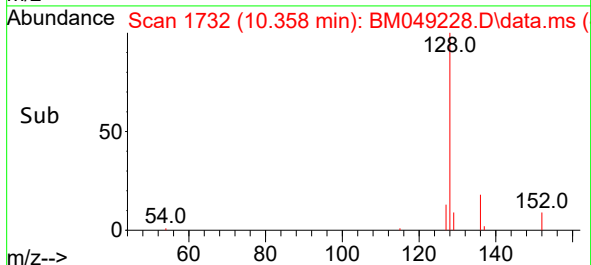
Tgt Ion: 88 Resp: 176
Ion Ratio Lower Upper
88 100
43 110.7 45.4 68.2#
58 14.0 43.6 65.4#

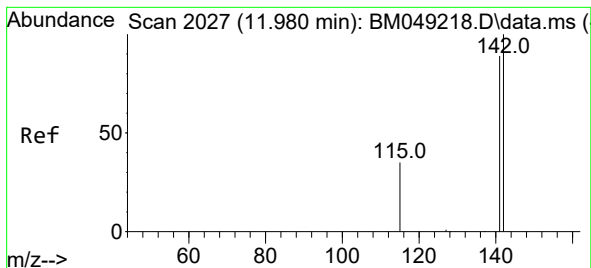


#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22



Tgt Ion: 128 Resp: 2003
Ion Ratio Lower Upper
128 100
129 20.8 9.7 14.5#
127 19.6 10.6 16.0#

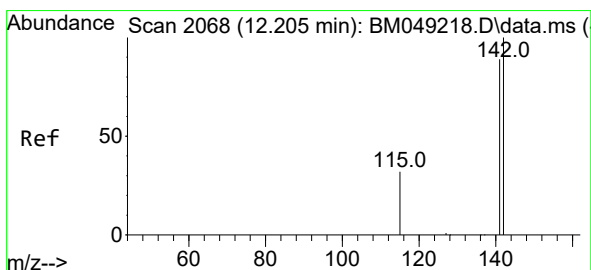
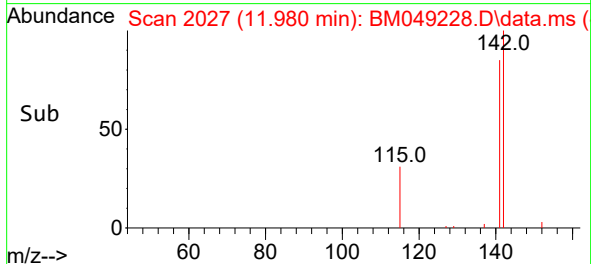
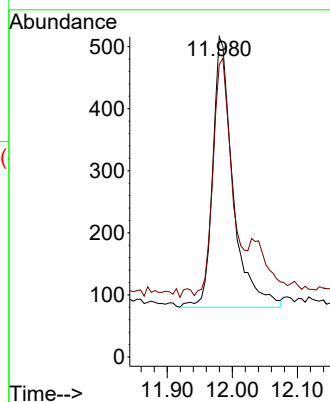
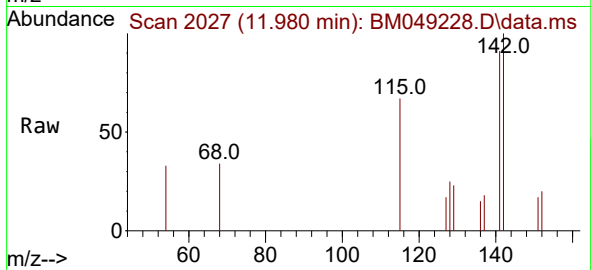




#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.980 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

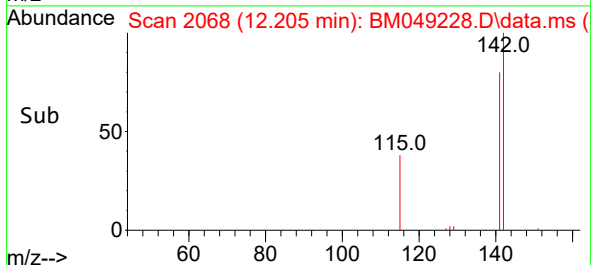
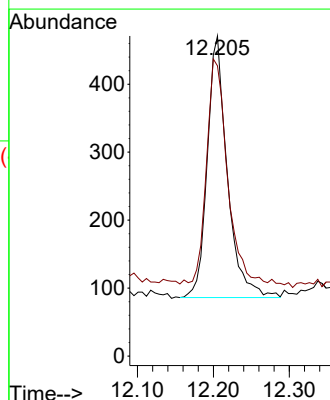
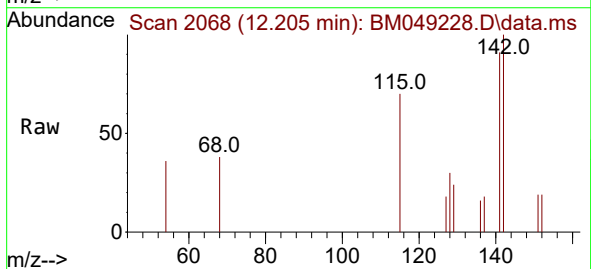
Instrument :
BNA_M
ClientSampleId :
E2909DL

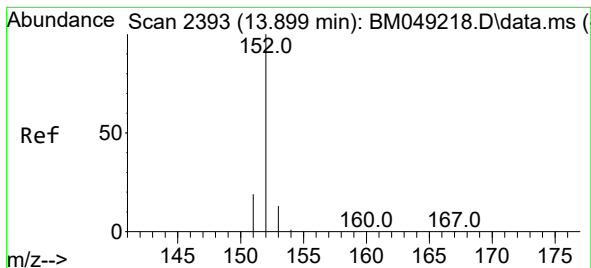
Tgt Ion:142 Resp: 941
Ion Ratio Lower Upper
142 100
141 83.0 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.205 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

Tgt Ion:142 Resp: 706
Ion Ratio Lower Upper
142 100
141 95.6 72.7 109.1





#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.899 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

Instrument :

BNA_M

ClientSampleId :

E2909DL

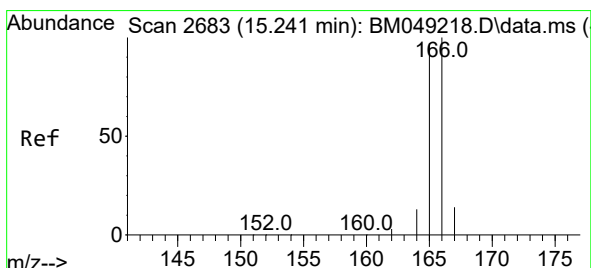
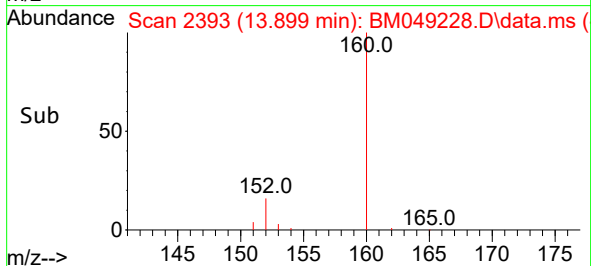
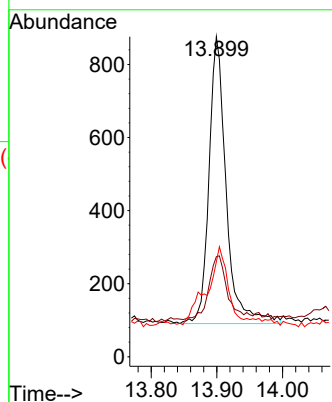
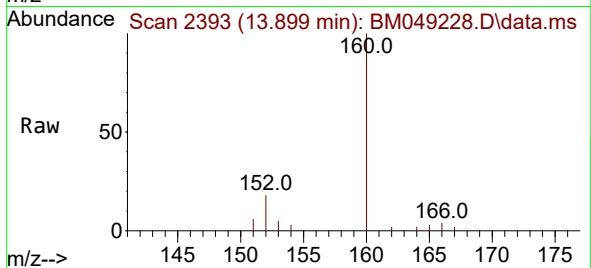
Tgt Ion:152 Resp: 1430

Ion Ratio Lower Upper

152 100

151 31.3 16.0 24.0#

153 29.7 11.0 16.6#



#12

Fluorene

Concen: 0.036 ng/ul

RT: 15.241 min Scan# 2683

Delta R.T. -0.000 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

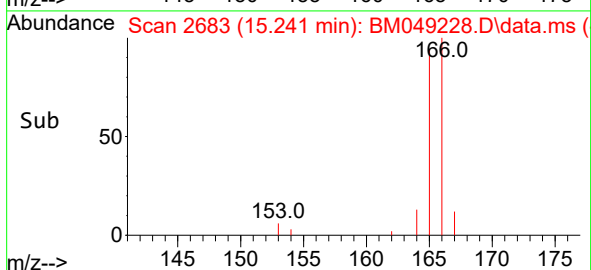
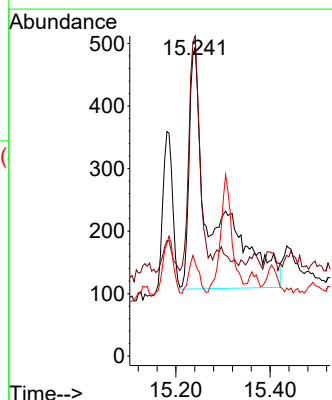
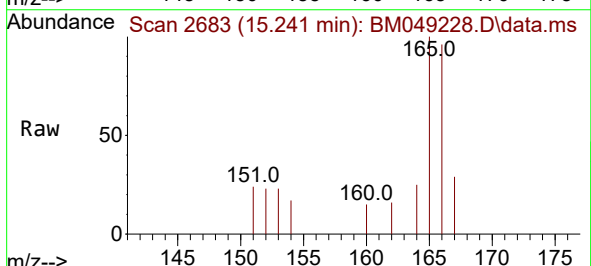
Tgt Ion:166 Resp: 1329

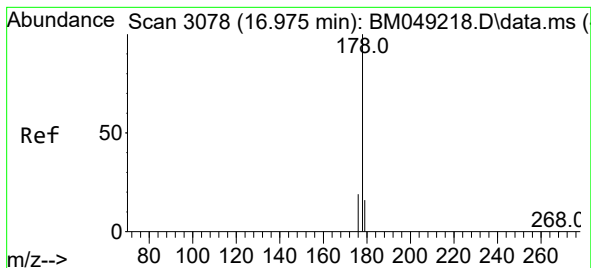
Ion Ratio Lower Upper

166 100

165 103.6 79.7 119.5

167 30.2 11.4 17.0#





#15

Phenanthrene

Concen: 0.251 ng/ul

RT: 16.971 min Scan# 3077

Delta R.T. -0.004 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

Instrument :

BNA_M

ClientSampleId :

E2909DL

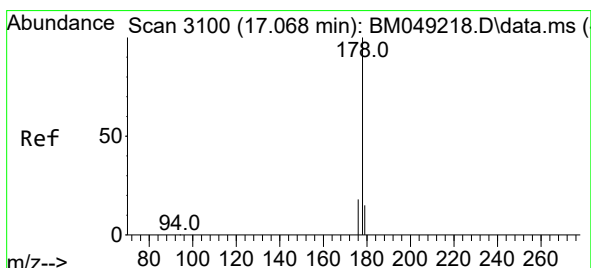
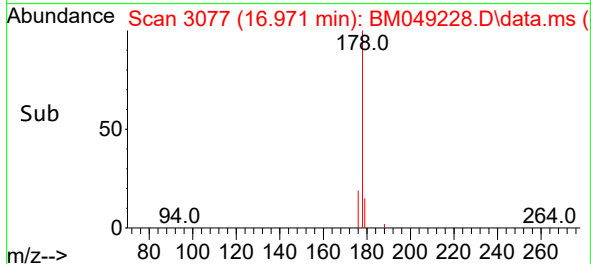
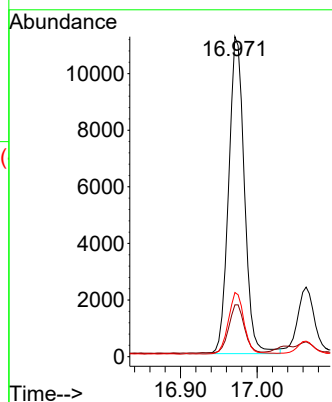
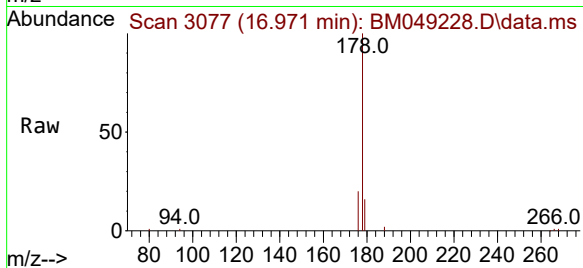
Tgt Ion:178 Resp: 15980

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

176 20.0 16.2 24.2



#16

Anthracene

Concen: 0.057 ng/ul

RT: 17.064 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

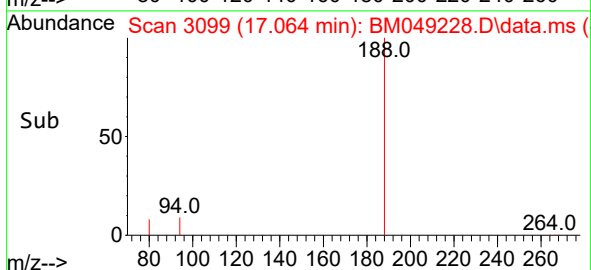
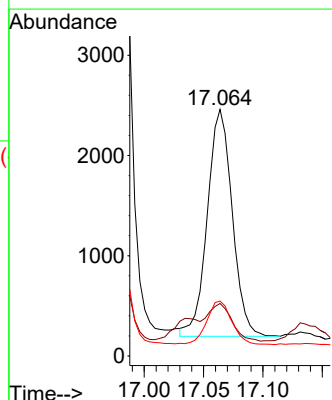
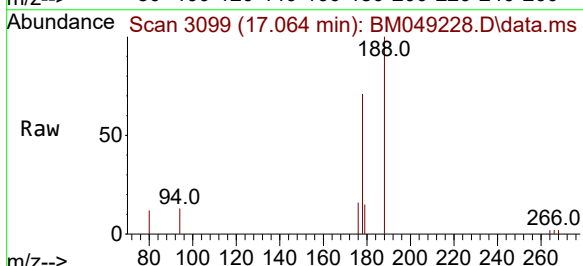
Tgt Ion:178 Resp: 3306

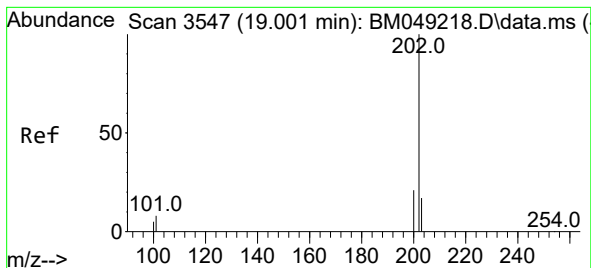
Ion Ratio Lower Upper

178 100

179 21.3 12.9 19.3#

176 22.2 15.3 22.9





#19

Fluoranthene

Concen: 0.526 ng/ul

RT: 19.001 min Scan# 3547

Delta R.T. -0.000 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

Instrument :

BNA_M

ClientSampleId :

E2909DL

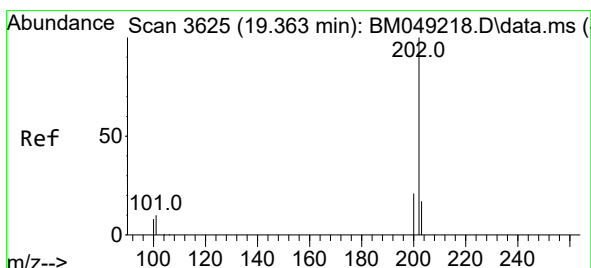
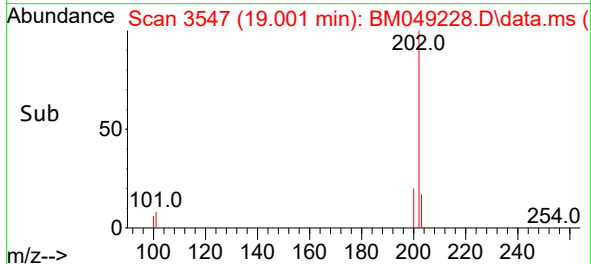
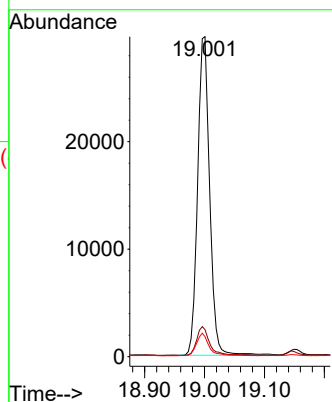
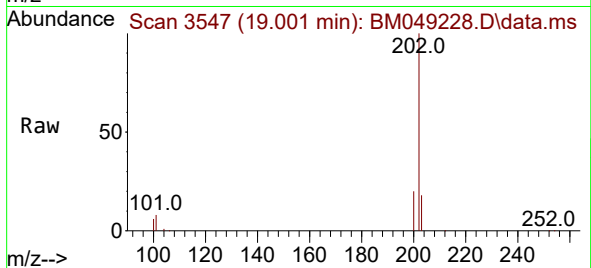
Tgt Ion:202 Resp: 41391

Ion Ratio Lower Upper

202 100

101 8.4 7.6 11.4

100 6.2 5.5 8.3



#20

Pyrene

Concen: 0.456 ng/ul

RT: 19.363 min Scan# 3625

Delta R.T. -0.000 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

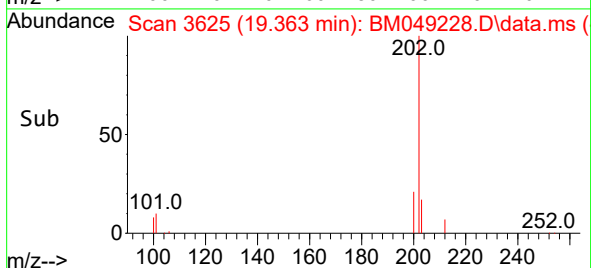
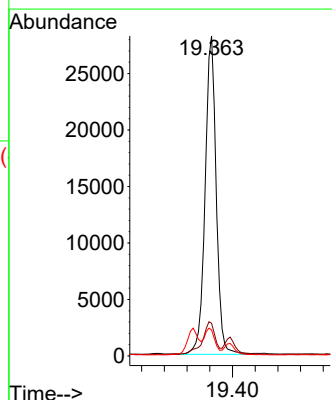
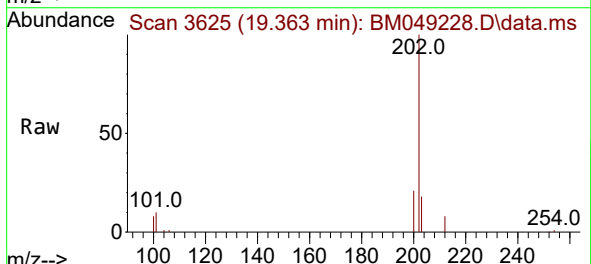
Tgt Ion:202 Resp: 38278

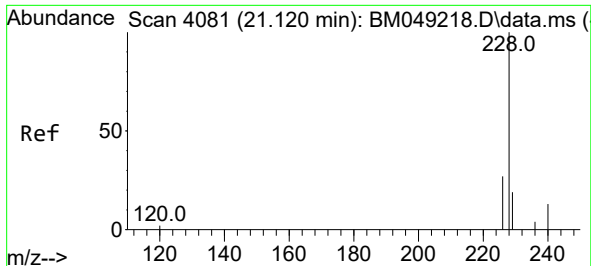
Ion Ratio Lower Upper

202 100

101 10.2 8.9 13.3

100 8.1 6.9 10.3

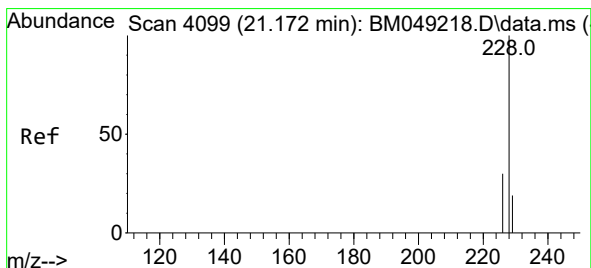
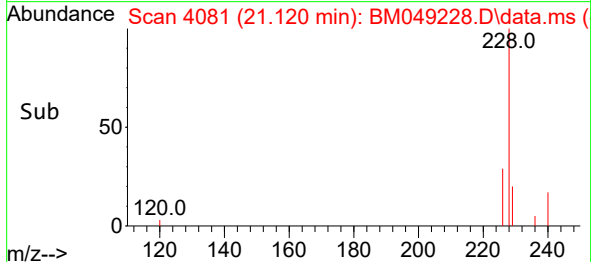
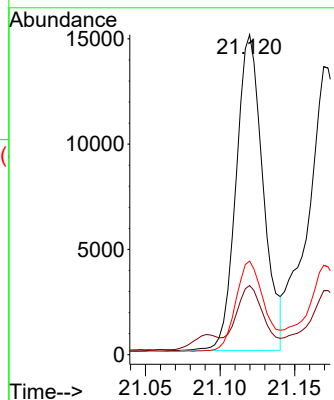
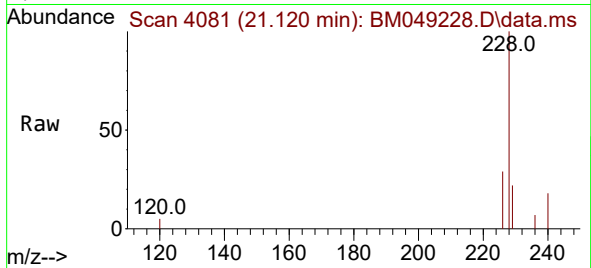




#21
Benzo(a)anthracene
Concen: 0.249 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

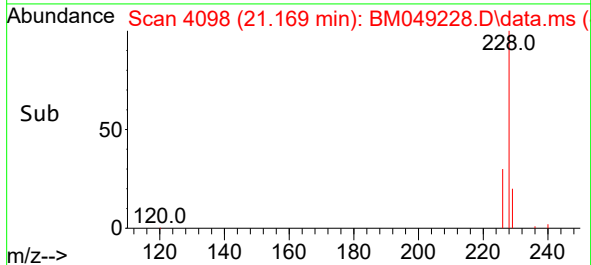
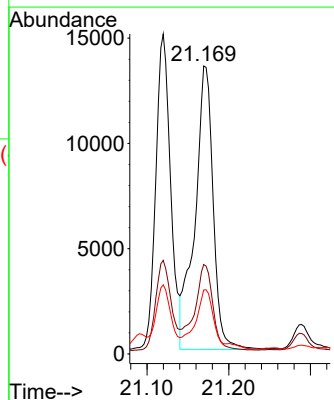
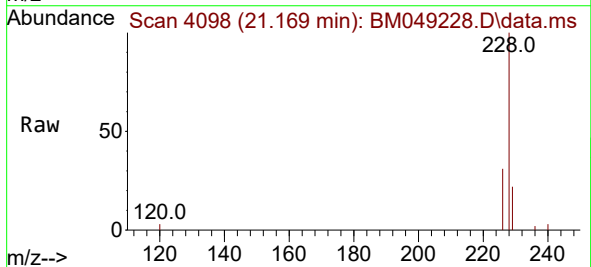
Instrument :
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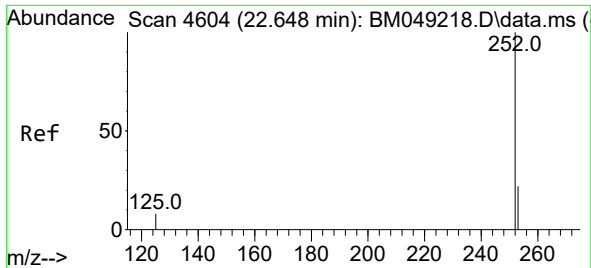
Tgt Ion:228	Resp:	18861
Ion Ratio	Lower	Upper
228	100	
229	21.6	15.9 23.9
226	29.3	22.6 34.0



#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

Tgt Ion:228	Resp:	21019
Ion Ratio	Lower	Upper
228	100	
226	31.0	24.1 36.1
229	22.2	15.8 23.8

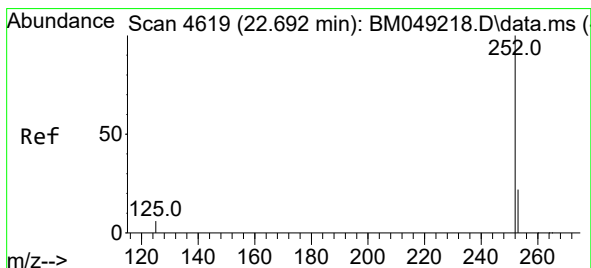
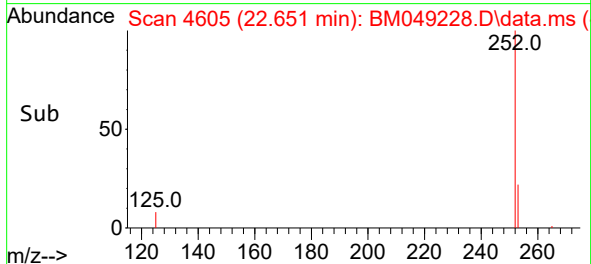
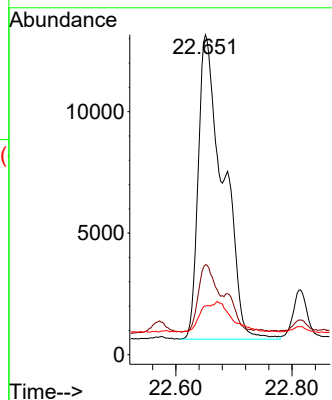
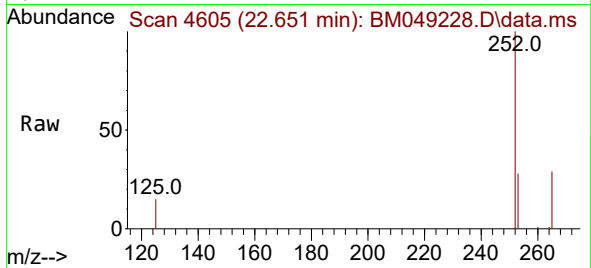




#24
Benzo(b)fluoranthene
Concen: 0.501 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

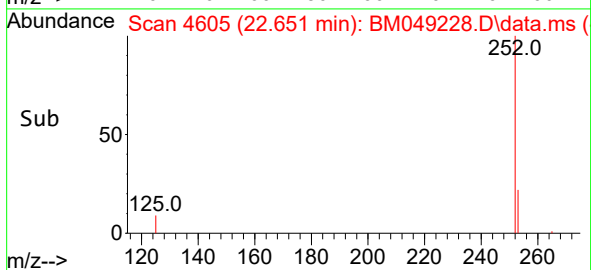
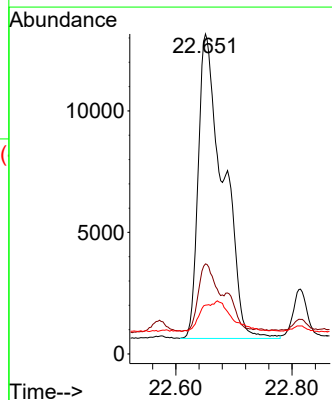
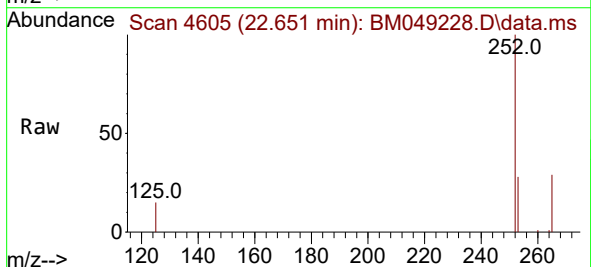
Instrument :
BNA_M
ClientSampleId :
E2909DL

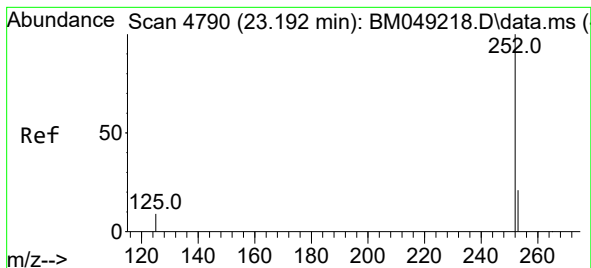
Tgt Ion:252 Resp: 37298
Ion Ratio Lower Upper
252 100
253 28.2 0.0 52.6
125 15.3 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.041 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

Tgt Ion:252 Resp: 37298
Ion Ratio Lower Upper
252 100
253 28.2 21.3 31.9
125 15.3 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.247 ng/ul

RT: 23.195 min Scan# 4791

Delta R.T. 0.003 min

Lab File: BM049228.D

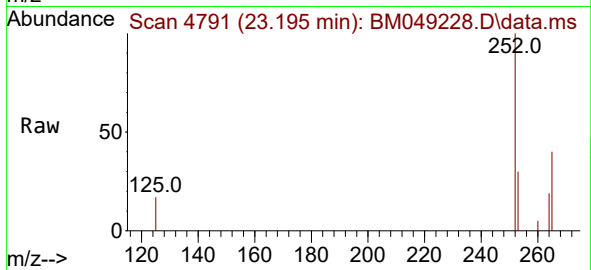
Acq: 26 Dec 2024 16:22

Instrument :

BNA_M

ClientSampleId :

E2909DL



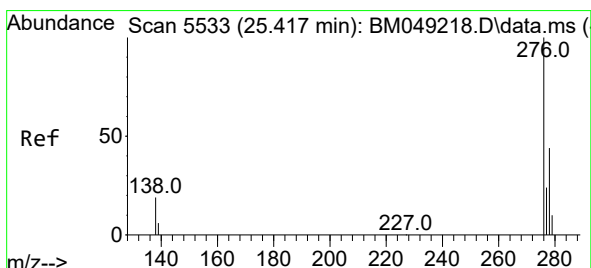
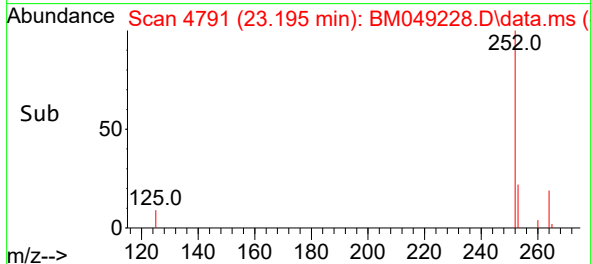
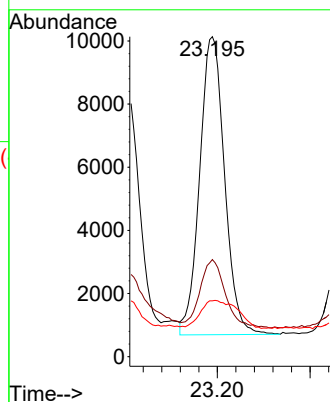
Tgt Ion:252 Resp: 17641

Ion Ratio Lower Upper

252 100

253 30.4 22.4 33.6

125 17.4 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng/ul

RT: 25.417 min Scan# 5533

Delta R.T. -0.000 min

Lab File: BM049228.D

Acq: 26 Dec 2024 16:22

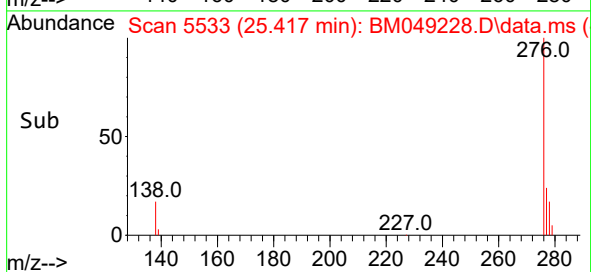
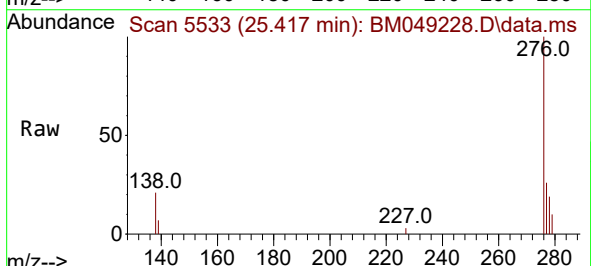
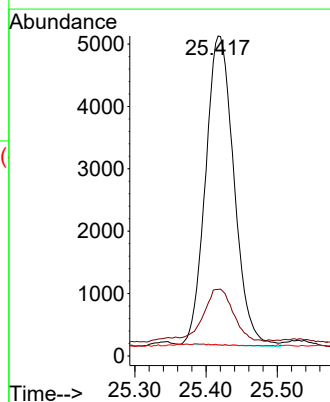
Tgt Ion:276 Resp: 13723

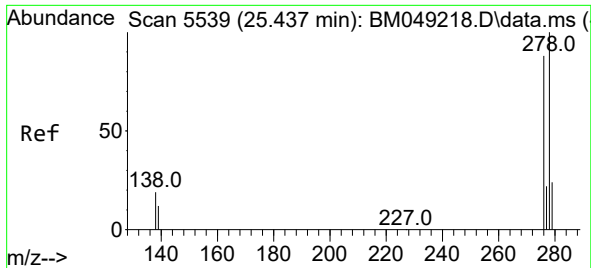
Ion Ratio Lower Upper

276 100

138 17.6 17.4 26.2

227 0.0 0.2 0.2#

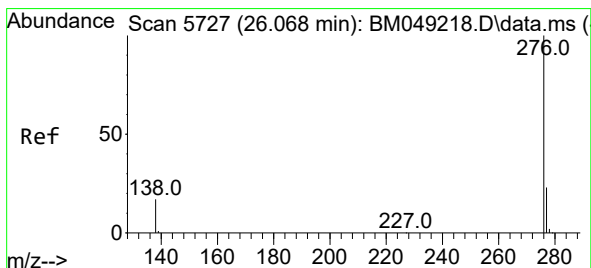
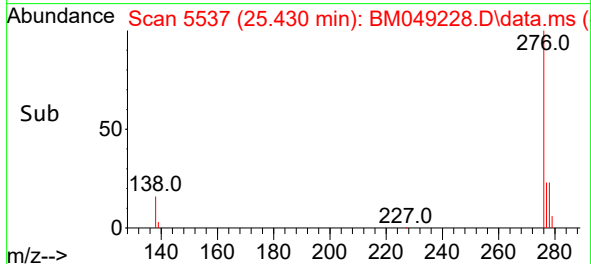
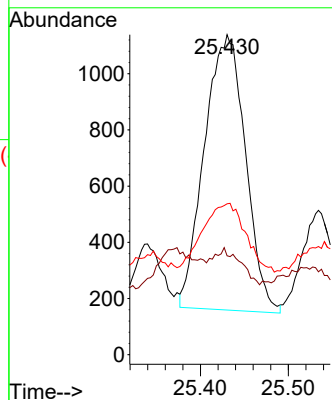
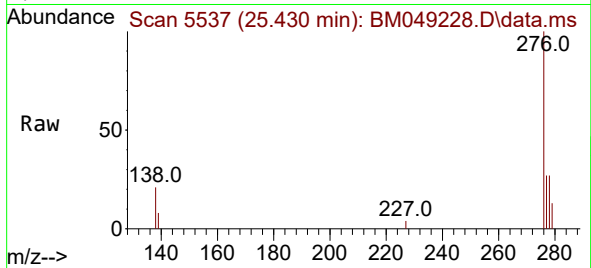




#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

Instrument :
BNA_M
ClientSampleId :
E2909DL

Tgt Ion:278 Resp: 3171
Ion Ratio Lower Upper
278 100
139 30.9 13.5 20.3#
279 47.1 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.068 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049228.D
Acq: 26 Dec 2024 16:22

Tgt Ion:276 Resp: 15244
Ion Ratio Lower Upper
276 100
138 21.5 16.7 25.1
277 26.1 19.9 29.9

