

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049190.D
 Acq On : 24 Dec 2024 18:53
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

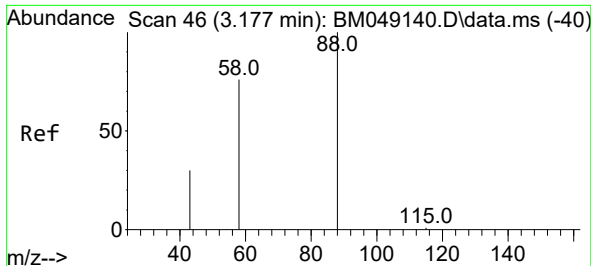
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 21:41:52 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)

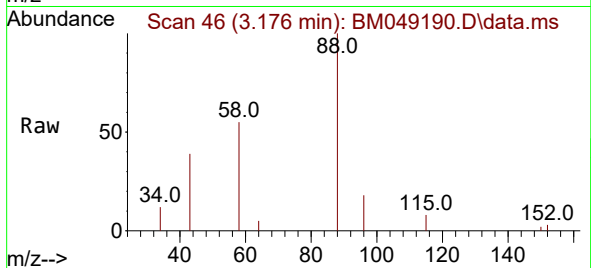
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6078	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.315	136	18761	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	11021	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	23638	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	19033	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	20737	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	3179	0.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	10858	0.431	ng/ul	-0.02
18) Fluoranthene-d10	18.974	212	23952	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	3485	0.425	ng/ul#	87
5) Naphthalene	10.359	128	20062	0.427	ng/ul	100
7) 2-Methylnaphthalene	11.987	142	12892	0.433	ng/ul	100
8) 1-Methylnaphthalene	12.207	142	13144	0.431	ng/ul	100
10) Acenaphthylene	13.905	152	19006	0.416	ng/ul	99
11) Acenaphthene	14.248	153	14244	0.427	ng/ul	99
12) Fluorene	15.242	166	16176	0.430	ng/ul	100
14) Pentachlorophenol	16.597	266	2118	0.324	ng/ul	95
15) Phenanthrene	16.977	178	25575	0.414	ng/ul	99
16) Anthracene	17.069	178	23612	0.417	ng/ul	100
19) Fluoranthene	19.002	202	30702	0.446	ng/ul	100
20) Pyrene	19.365	202	32710	0.446	ng/ul	99
21) Benzo(a)anthracene	21.122	228	27569	0.416	ng/ul	99
22) Chrysene	21.172	228	30171	0.425	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	28492	0.430	ng/ul	95
25) Benzo(k)fluoranthene	22.694	252	32102	0.442	ng/ul	95
26) Benzo(a)pyrene	23.200	252	27101	0.427	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.430	276	37668	0.419	ng/ul	98
28) Dibenzo(a,h)anthracene	25.443	278	28930	0.414	ng/ul	97
29) Benzo(g,h,i)perylene	26.077	276	30623	0.424	ng/ul	98

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

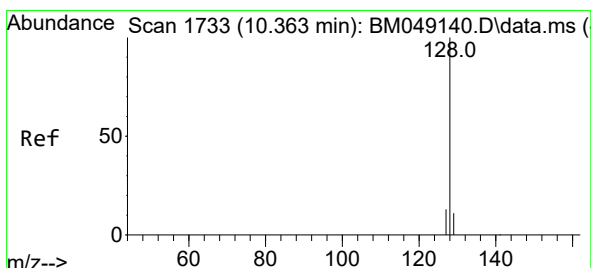
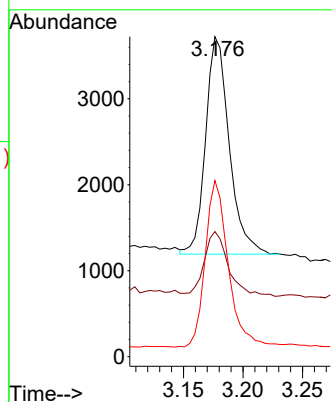
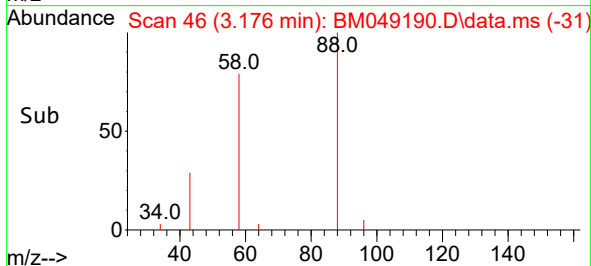


#2
1,4-Dioxane
Concen: 0.425 ng/ul
RT: 3.176 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :

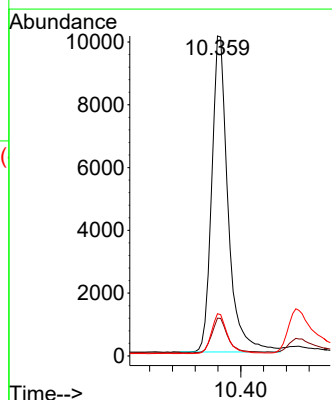
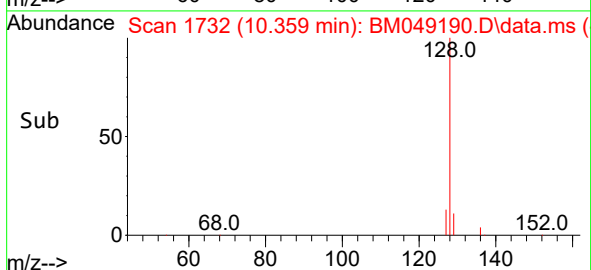
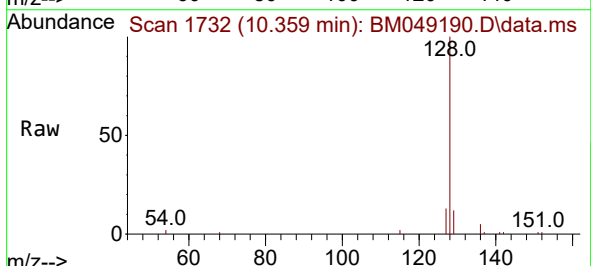


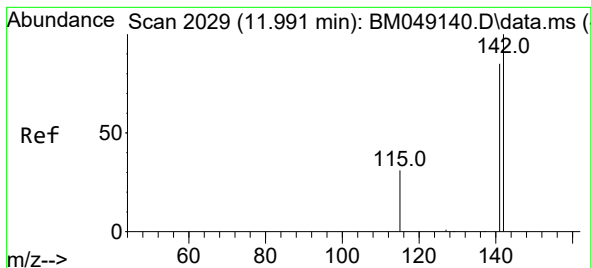
Tgt Ion: 88 Resp: 3485
Ion Ratio Lower Upper
88 100
43 39.1 45.4 68.2#
58 55.0 43.6 65.4



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion: 128 Resp: 20062
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.2 10.6 16.0

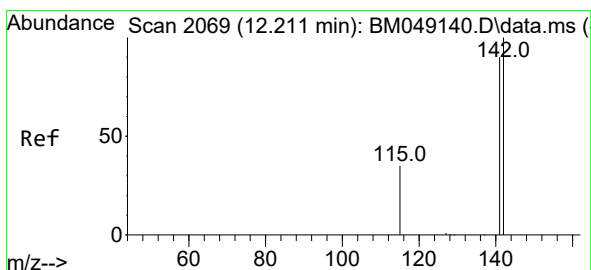
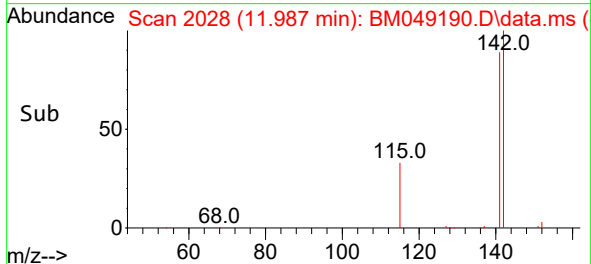
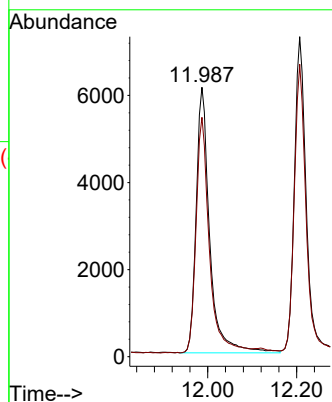
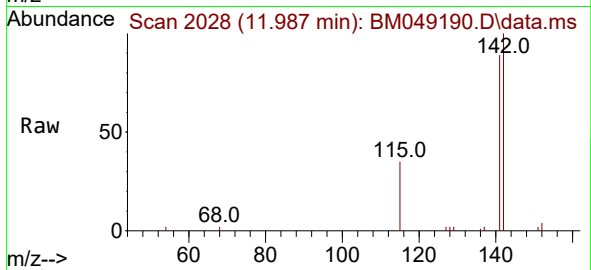




#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. -0.015 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

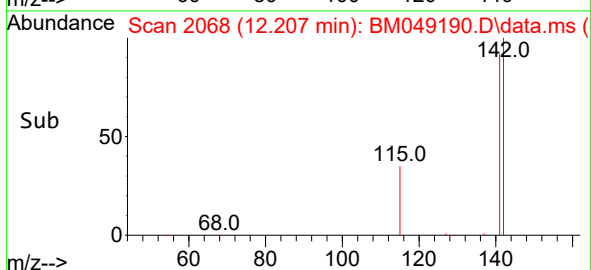
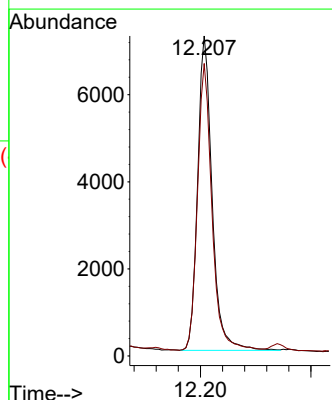
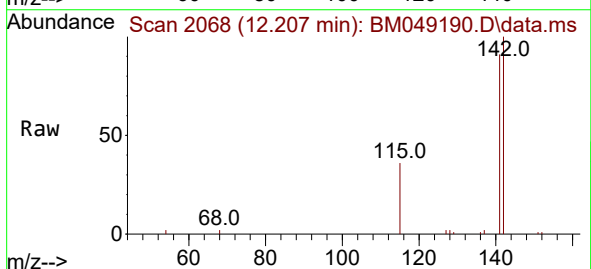
Instrument :
BNA_M
ClientSampleId :

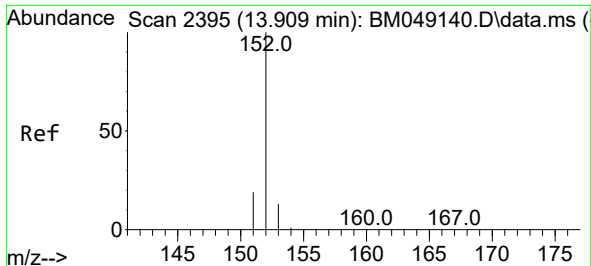
Tgt Ion:142 Resp: 12892
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

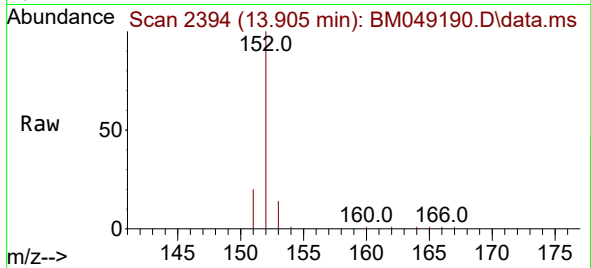
Tgt Ion:142 Resp: 13144
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1



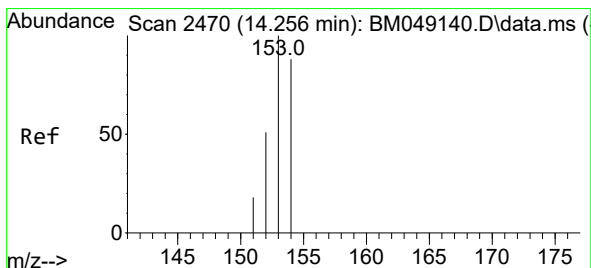
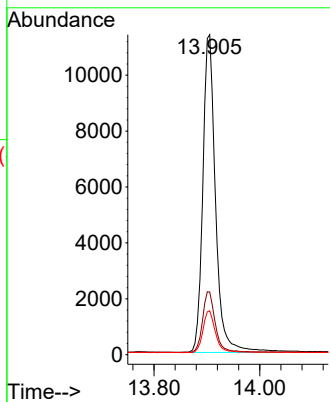
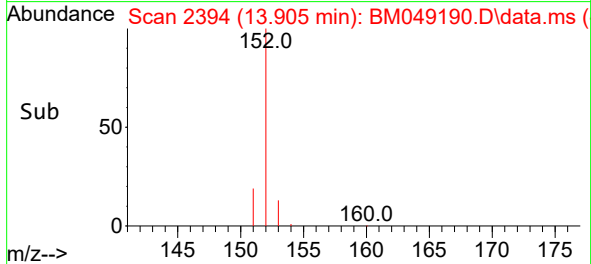


#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 13.905 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :

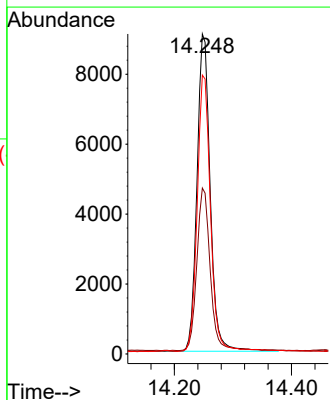
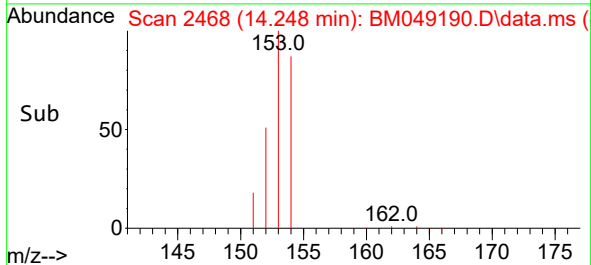
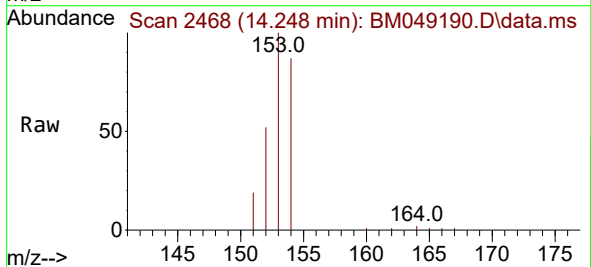


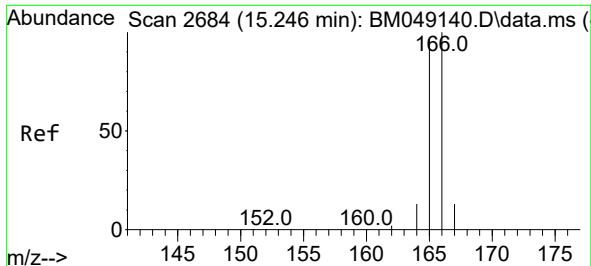
Tgt Ion:152 Resp: 19006
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.7 11.0 16.6



#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:153 Resp: 14244
Ion Ratio Lower Upper
153 100
152 51.8 40.7 61.1
154 87.1 70.8 106.2

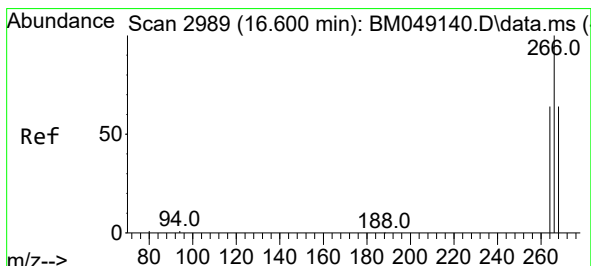
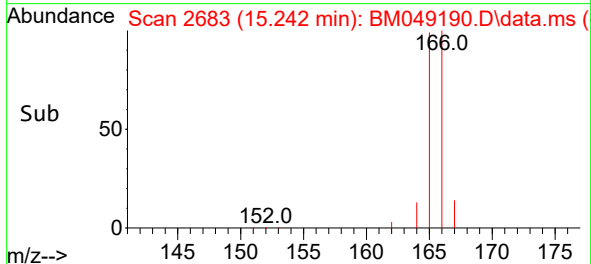
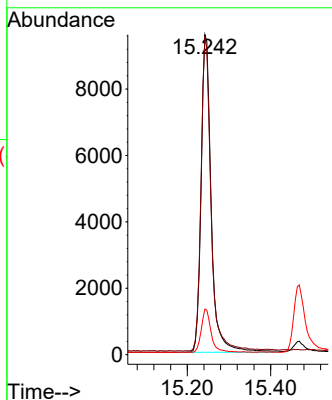
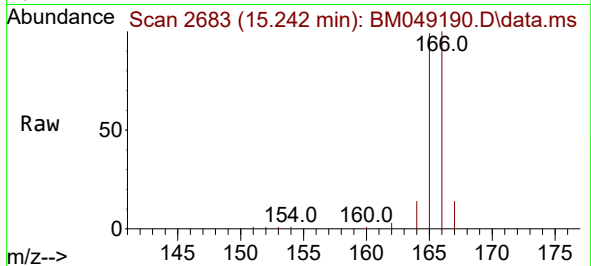




#12
 Fluorene
 Concen: 0.430 ng/ul
 RT: 15.242 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BM049190.D
 Acq: 24 Dec 2024 18:53

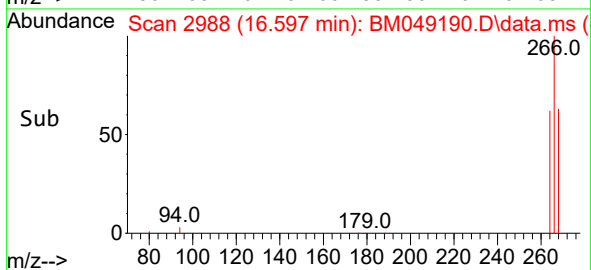
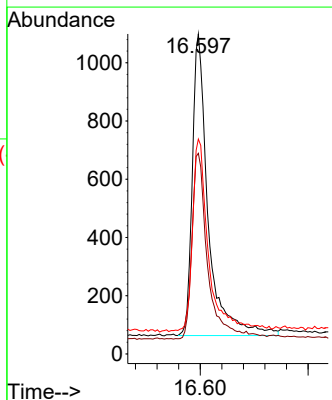
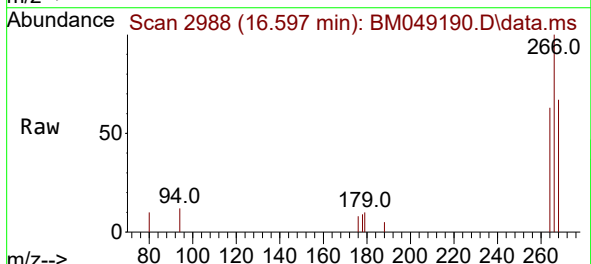
Instrument :
 BNA_M
 ClientSampleId :

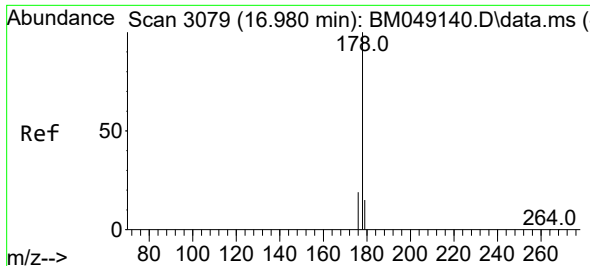
Tgt Ion:166 Resp: 16176
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.7 119.5
 167 14.2 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.324 ng/ul
 RT: 16.597 min Scan# 2988
 Delta R.T. -0.011 min
 Lab File: BM049190.D
 Acq: 24 Dec 2024 18:53

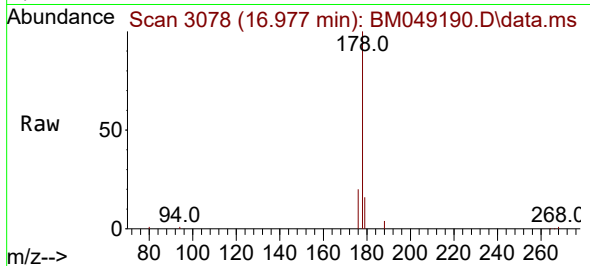
Tgt Ion:266 Resp: 2118
 Ion Ratio Lower Upper
 266 100
 264 61.6 48.3 72.5
 268 65.4 47.5 71.3



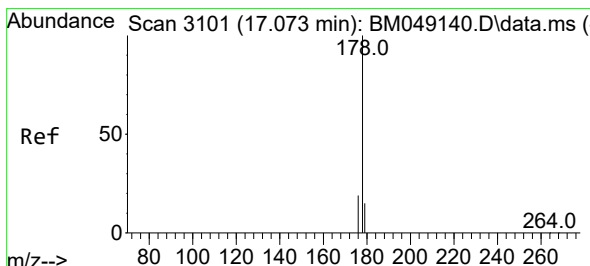
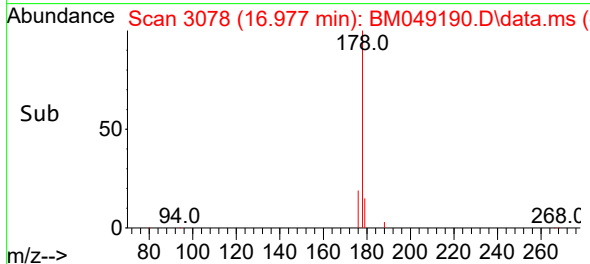
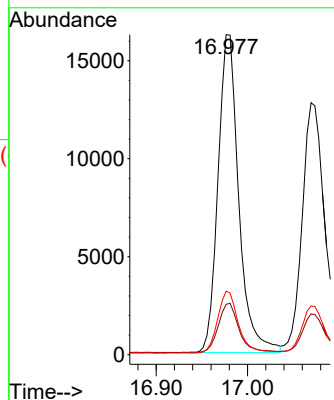


#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :

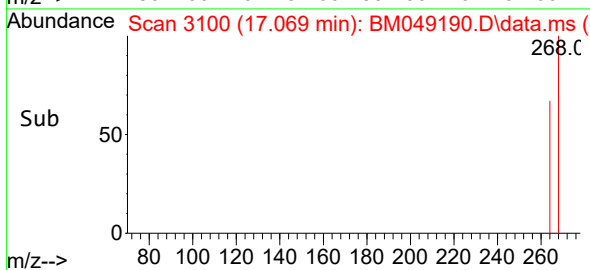
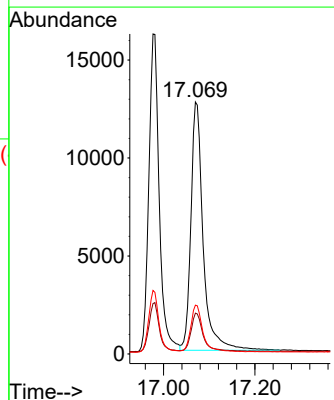
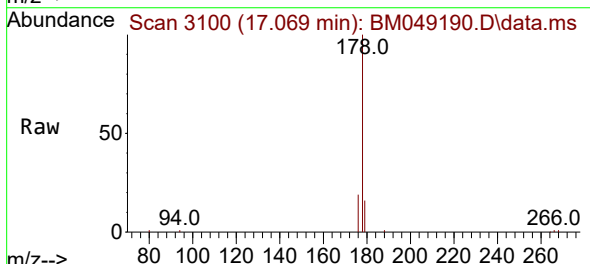


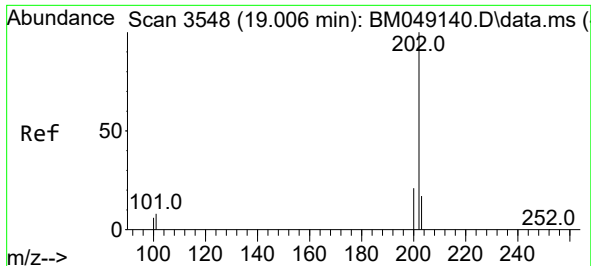
Tgt Ion:178 Resp: 25575
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.069 min Scan# 3100
Delta R.T. -0.016 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

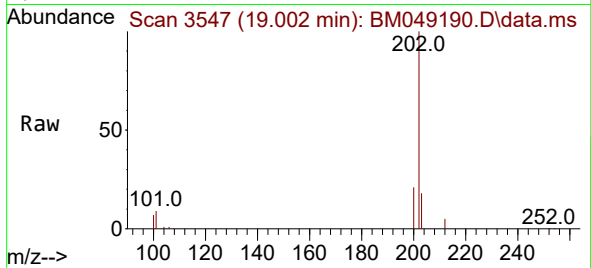
Tgt Ion:178 Resp: 23612
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.4 15.3 22.9



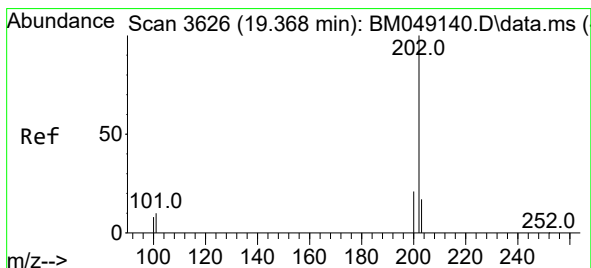
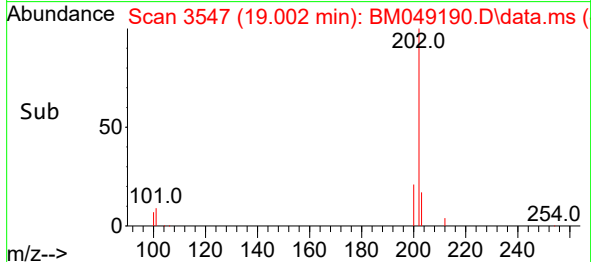
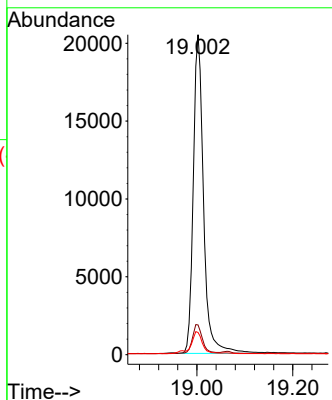


#19
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :

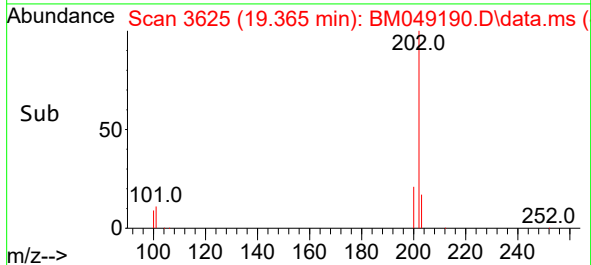
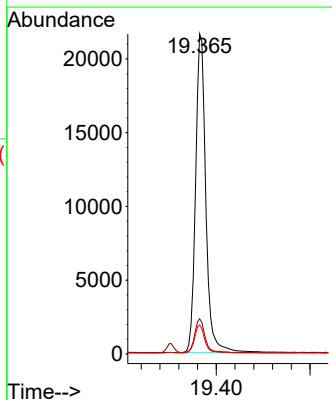
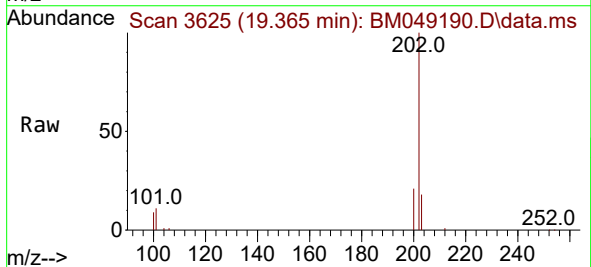


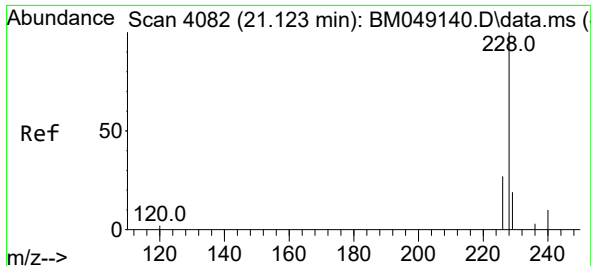
Tgt Ion:202 Resp: 30702
Ion Ratio Lower Upper
202 100
101 9.3 7.6 11.4
100 7.0 5.5 8.3



#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

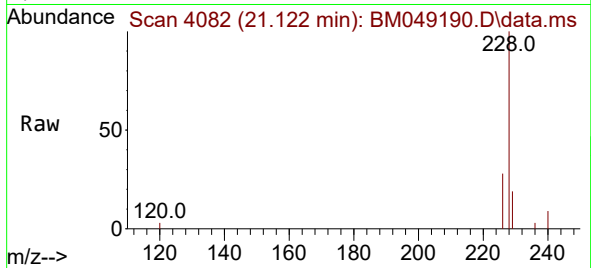
Tgt Ion:202 Resp: 32710
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 9.0 6.9 10.3



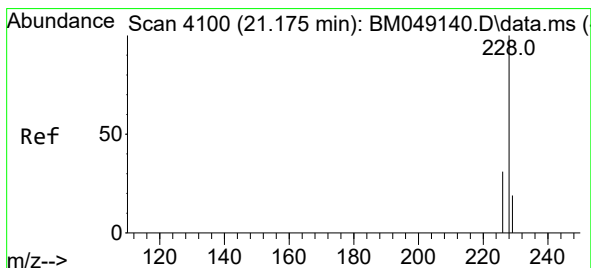
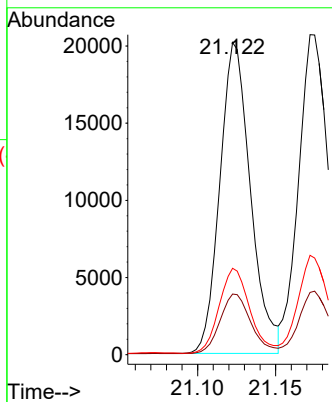
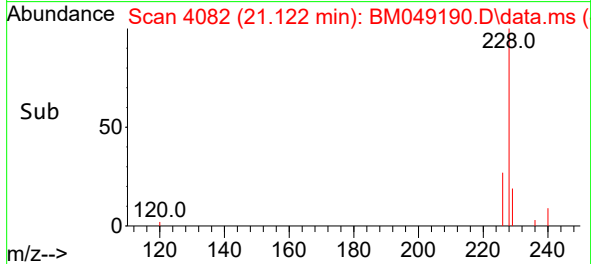


#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :

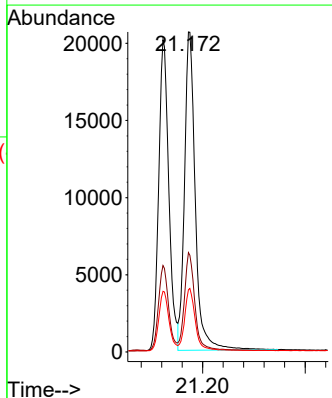
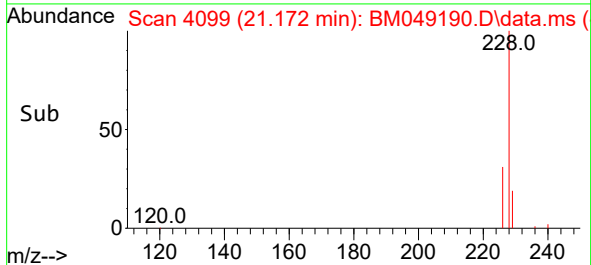
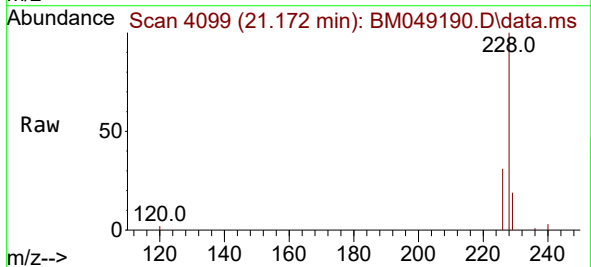


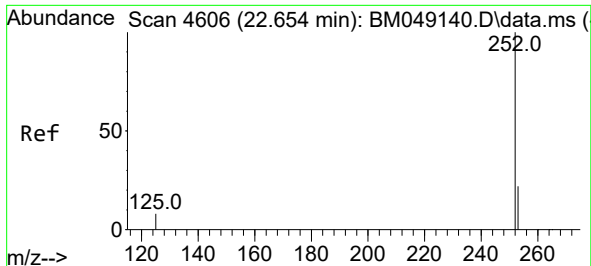
Tgt Ion:228 Resp: 27569
Ion Ratio Lower Upper
228 100
229 19.4 15.9 23.9
226 27.7 22.6 34.0



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

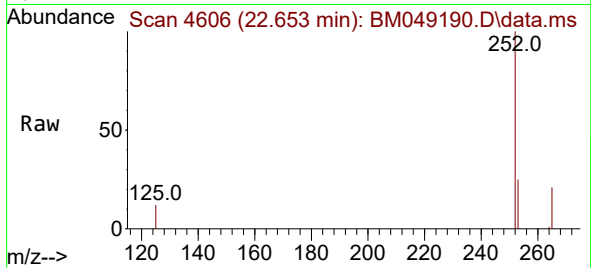
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Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 19.4 15.8 23.8



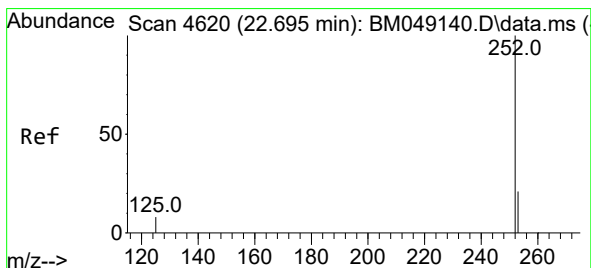
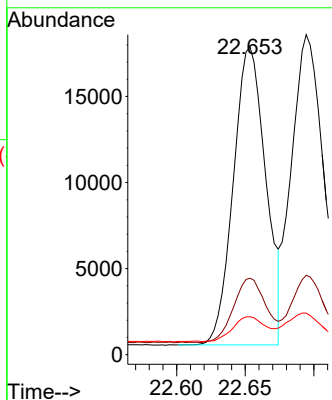


#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :

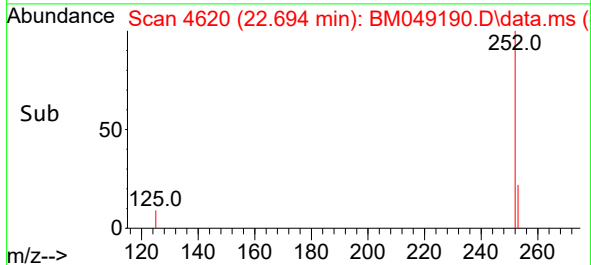
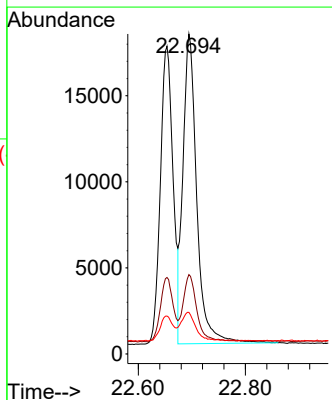
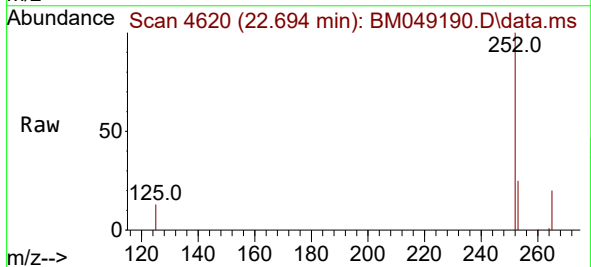


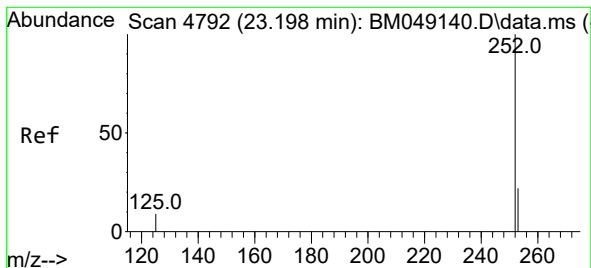
Tgt Ion:252 Resp: 28492
Ion Ratio Lower Upper
252 100
253 24.8 0.0 52.6
125 12.3 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:252 Resp: 32102
Ion Ratio Lower Upper
252 100
253 24.8 21.3 31.9
125 13.0 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.427 ng/ul

RT: 23.200 min Scan# 41

Delta R.T. -0.009 min

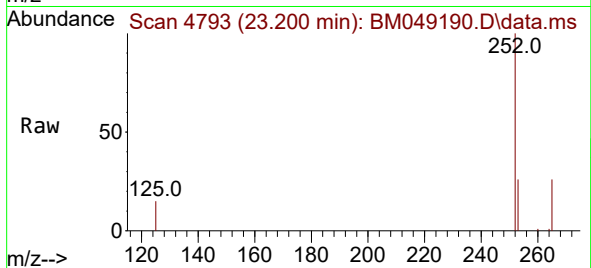
Lab File: BM049190.D

Acq: 24 Dec 2024 18:53

Instrument :

BNA_M

ClientSampleId :



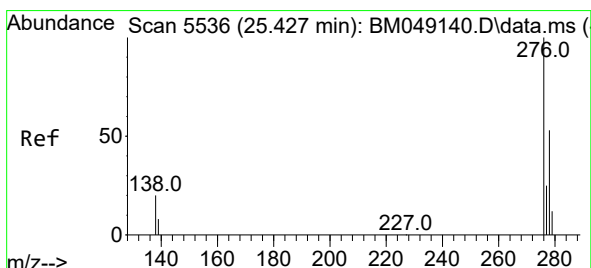
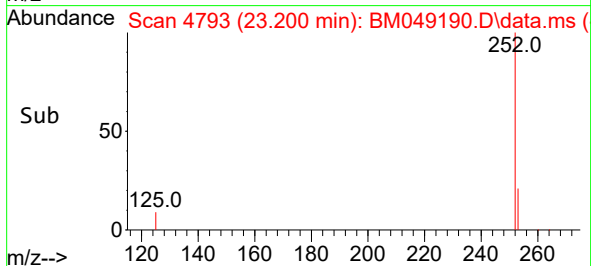
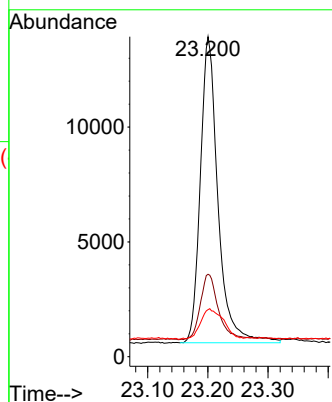
Tgt Ion:252 Resp: 27101

Ion Ratio Lower Upper

252 100

253 25.8 22.4 33.6

125 14.7 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng/ul

RT: 25.430 min Scan# 5537

Delta R.T. -0.017 min

Lab File: BM049190.D

Acq: 24 Dec 2024 18:53

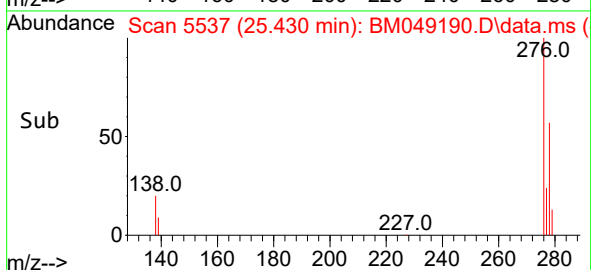
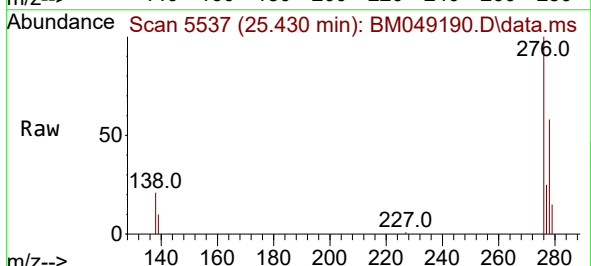
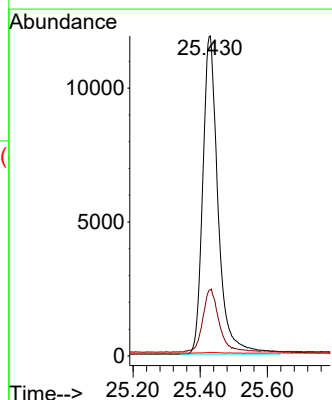
Tgt Ion:276 Resp: 37668

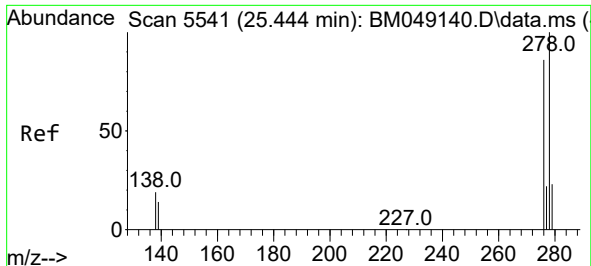
Ion Ratio Lower Upper

276 100

138 21.0 17.4 26.2

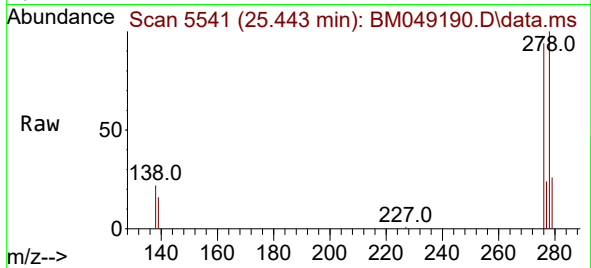
227 0.2 0.2 0.2



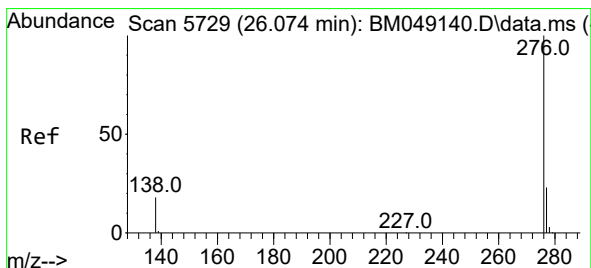
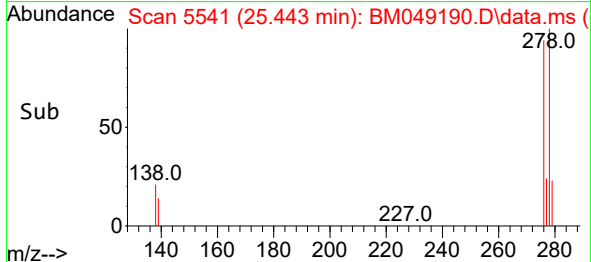
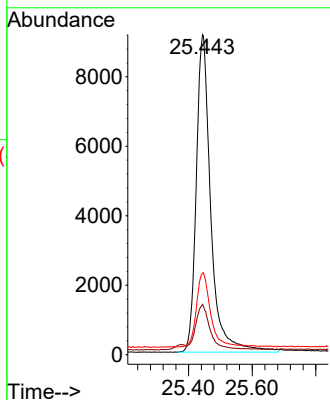


#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.443 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 28930
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 25.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049190.D
Acq: 24 Dec 2024 18:53

Tgt Ion:276 Resp: 30623
Ion Ratio Lower Upper
276 100
138 19.7 16.7 25.1
277 24.3 19.9 29.9

