

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049182.D
 Acq On : 24 Dec 2024 13:32
 Operator : RC/JU
 Sample : P5333-15
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 21:40:28 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)

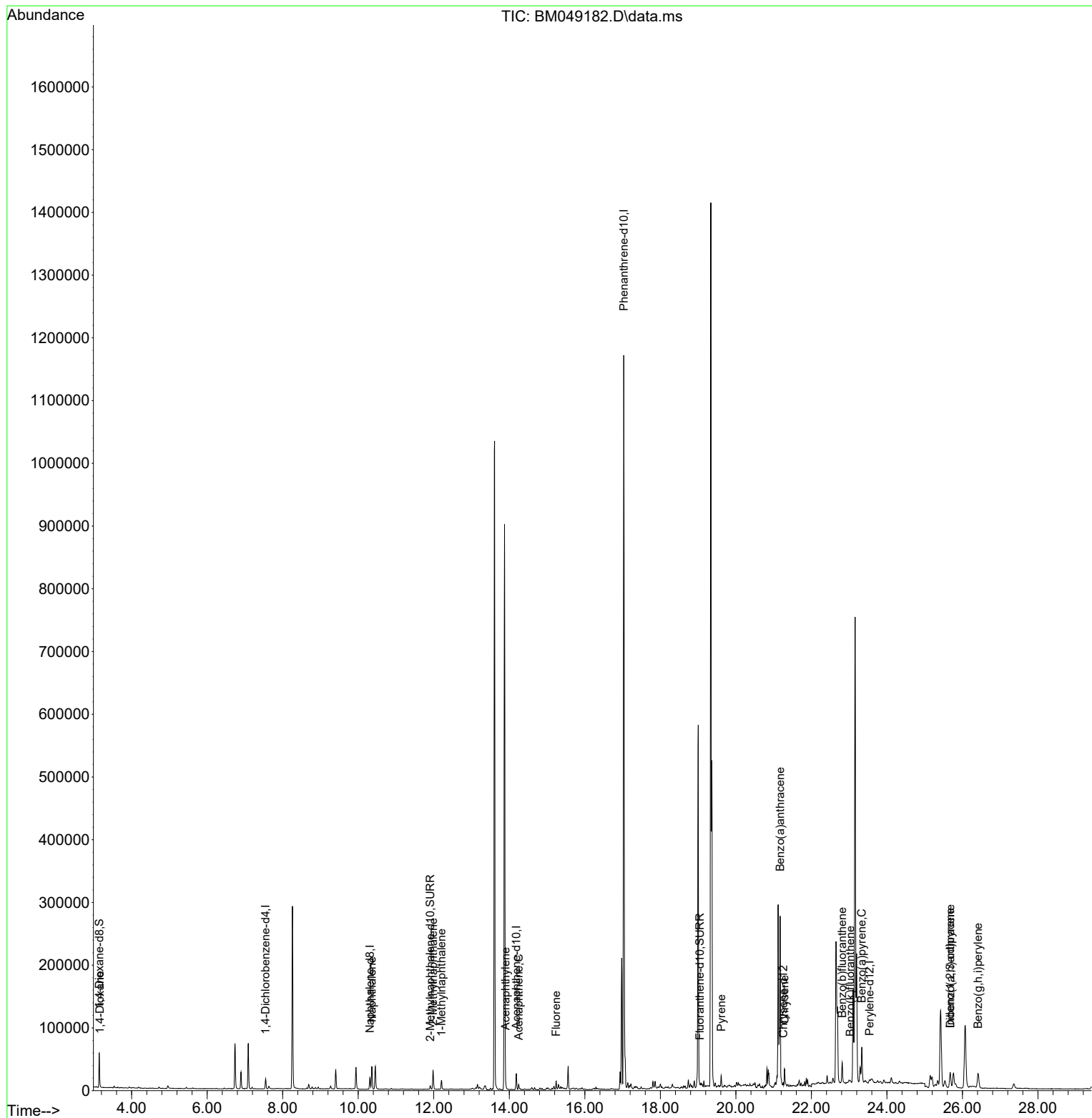
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	7488	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	23554	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	13484	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.032	188	1346157	0.400	ng/ul	0.08
17) Chrysene-d12	21.254	240	213	0.400	ng/ul	# 0.11
23) Perylene-d12	23.536	264	1667	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	32894	3.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7736	0.244	ng/ul	-0.02
18) Fluoranthene-d10	19.049	212	1287	2.130	ng/ul	0.07
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	333	0.033	ng/ul#	8
5) Naphthalene	10.359	128	25189	0.427	ng/ul	99
7) 2-Methylnaphthalene	11.981	142	22972	0.615	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	10311	0.270	ng/ul	98
10) Acenaphthylene	13.901	152	7889	0.141	ng/ul#	91
11) Acenaphthene	14.248	153	5305	0.130	ng/ul	98
12) Fluorene	15.242	166	7372	0.160	ng/ul#	96
20) Pyrene	19.611	202	4924	5.995	ng/ul#	67
21) Benzo(a)anthracene	21.172	228	246454	332.634	ng/ul	94
22) Chrysene	21.289	228	21565	27.121	ng/ul#	45
24) Benzo(b)fluoranthene	22.814	252	40705	7.643	ng/ul	90
25) Benzo(k)fluoranthene	23.031	252	5992	1.025	ng/ul#	1
26) Benzo(a)pyrene	23.335	252	68787	13.468	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.675	276	8816	1.220	ng/ul#	59
28) Dibenzo(a,h)anthracene	25.678	278	33898	6.036	ng/ul	94
29) Benzo(g,h,i)perylene	26.413	276	47450	8.163	ng/ul#	91

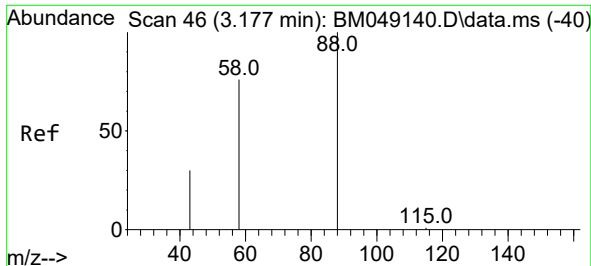
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049182.D
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Operator : RC/JU
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Instrument :
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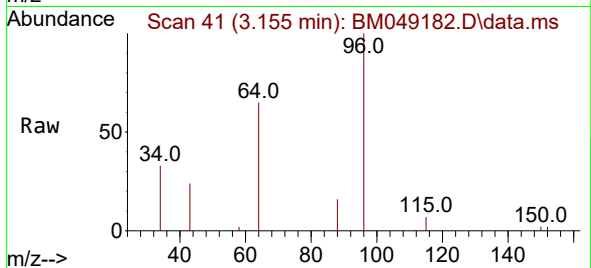
Quant Time: Dec 24 21:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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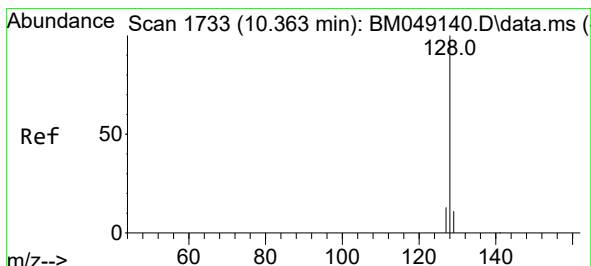
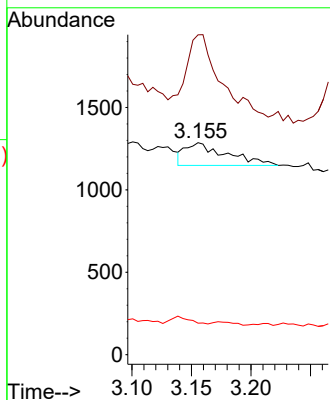
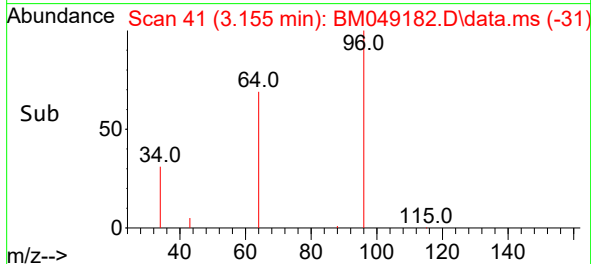


#2
1,4-Dioxane
Concen: 0.033 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Instrument :
BNA_M
ClientSampleId :

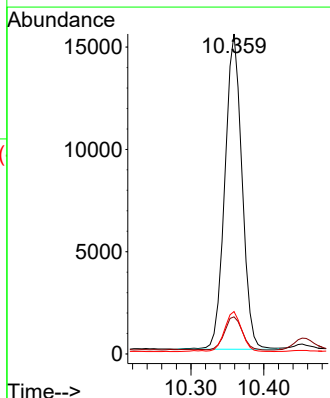
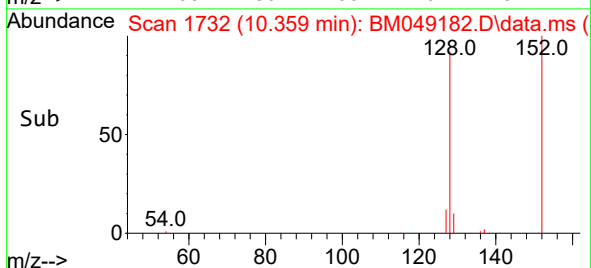
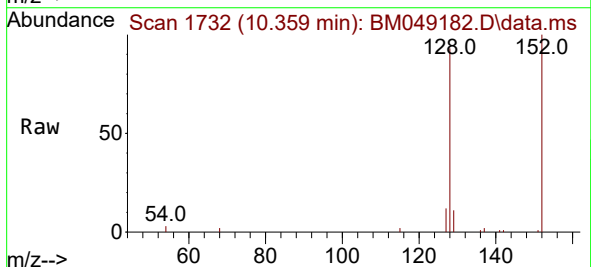


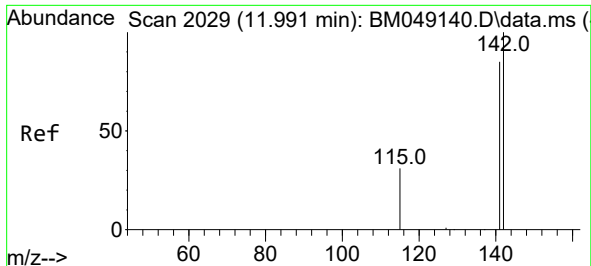
Tgt Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
43 150.8 45.4 68.2#
58 14.9 43.6 65.4#



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Tgt Ion:128 Resp: 25189
Ion Ratio Lower Upper
128 100
129 11.6 9.7 14.5
127 13.2 10.6 16.0

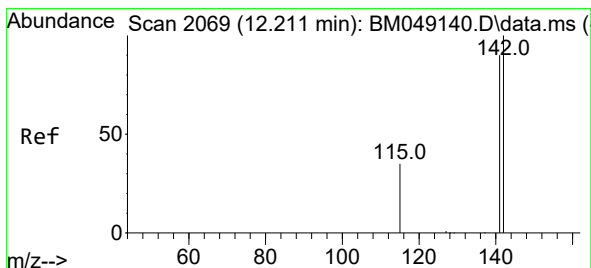
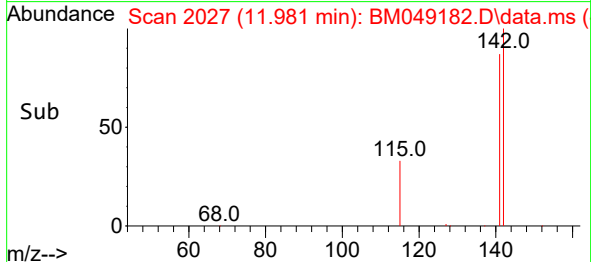
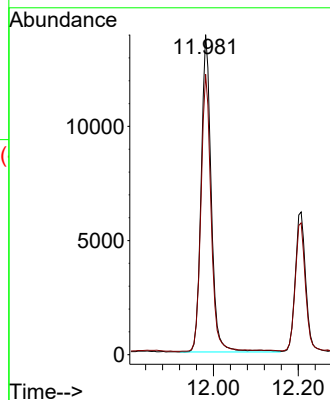
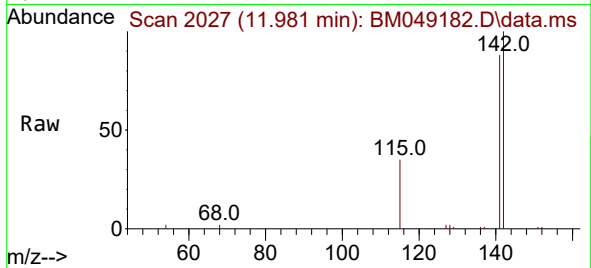




#7
2-Methylnaphthalene
Concen: 0.615 ng/ul
RT: 11.981 min Scan# 2029
Delta R.T. -0.021 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

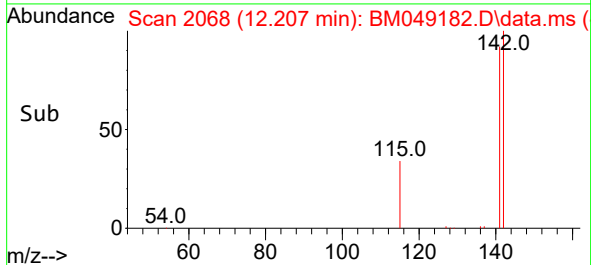
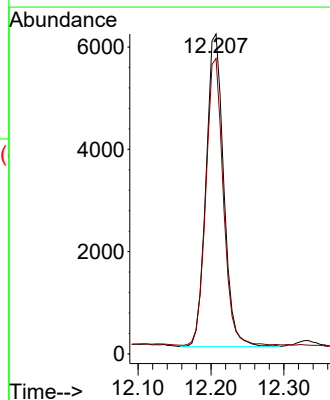
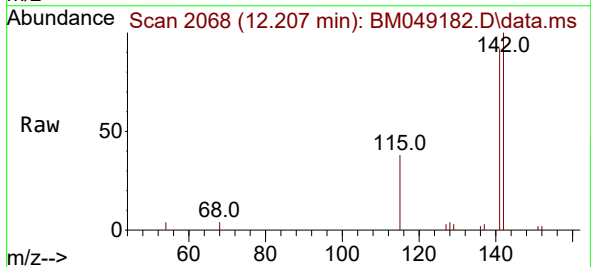
Instrument :
BNA_M
ClientSampleId :

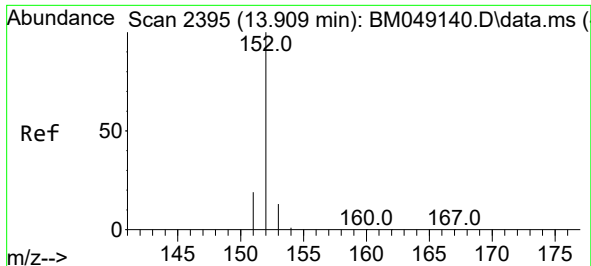
Tgt Ion:142 Resp: 22972
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

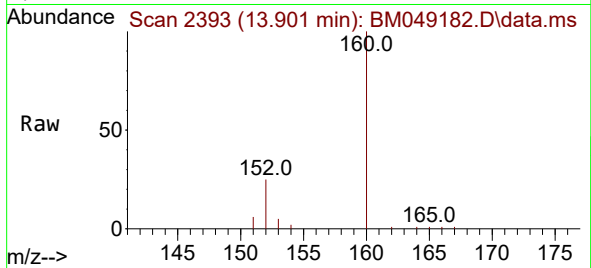
Tgt Ion:142 Resp: 10311
Ion Ratio Lower Upper
142 100
141 92.4 72.7 109.1



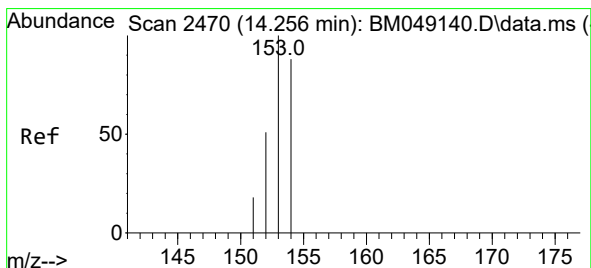
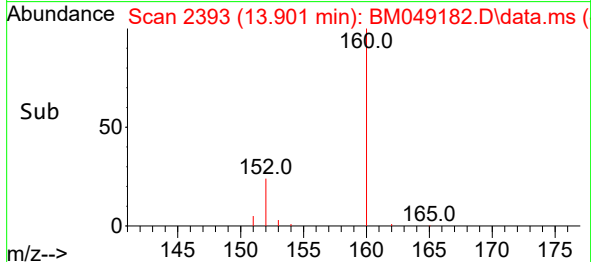
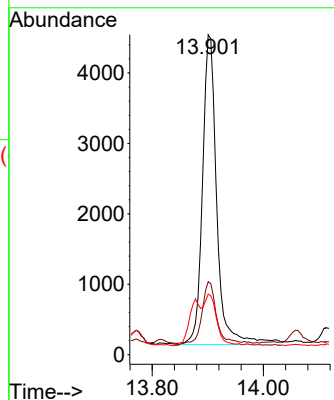


#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Instrument :
BNA_M
ClientSampleId :

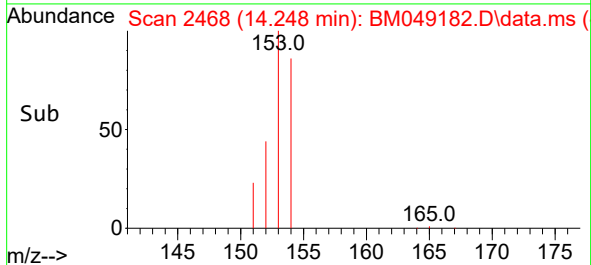
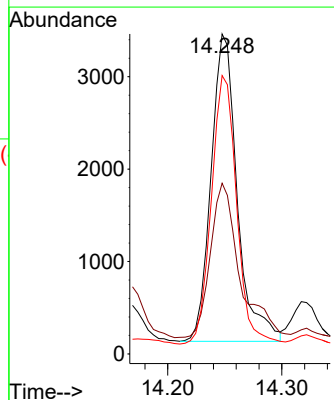
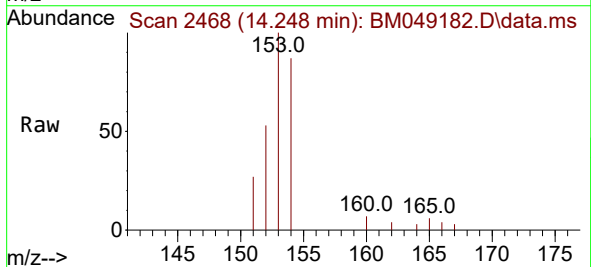


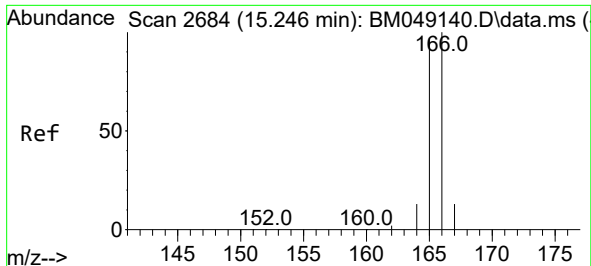
Tgt Ion:152 Resp: 7889
Ion Ratio Lower Upper
152 100
151 22.8 16.0 24.0
153 18.9 11.0 16.6#



#11
Acenaphthene
Concen: 0.130 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

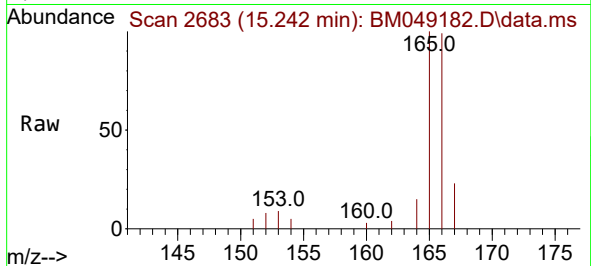
Tgt Ion:153 Resp: 5305
Ion Ratio Lower Upper
153 100
152 53.4 40.7 61.1
154 87.0 70.8 106.2



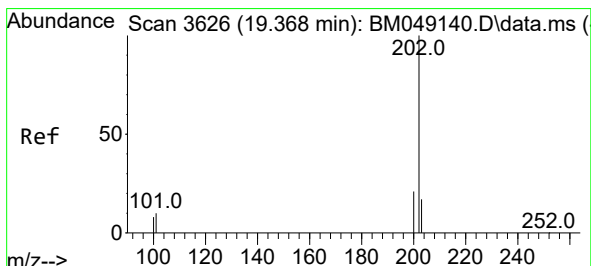
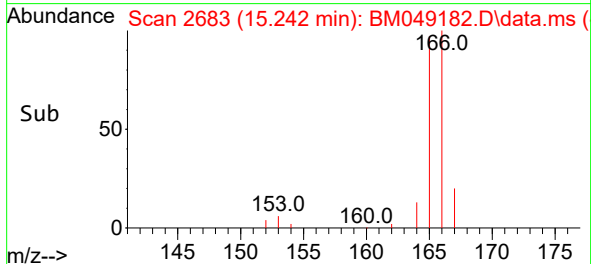
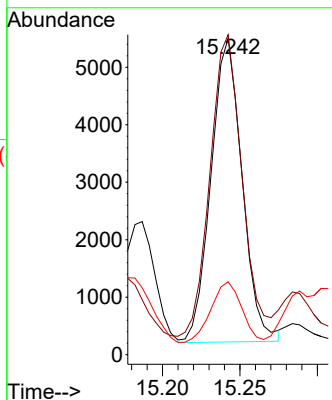


#12
Fluorene
Concen: 0.160 ng/ul
RT: 15.242 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Instrument :
BNA_M
ClientSampleId :

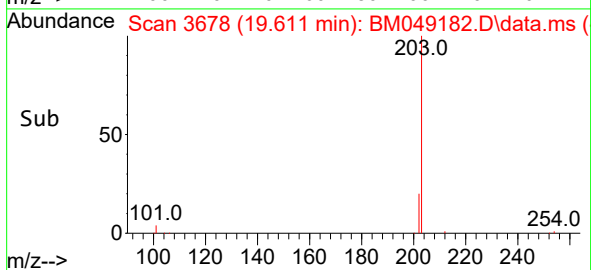
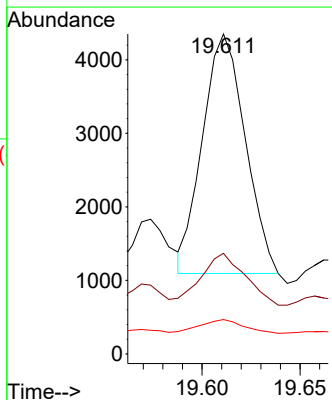
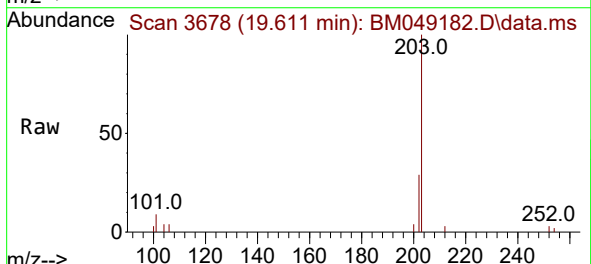


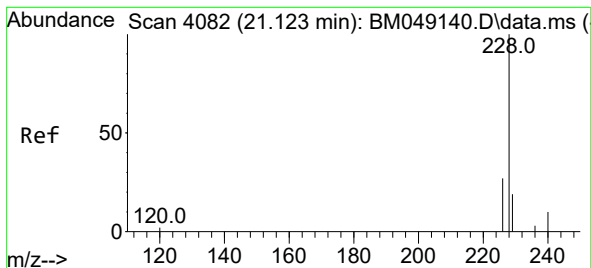
Tgt Ion:166 Resp: 7372
Ion Ratio Lower Upper
166 100
165 101.1 79.7 119.5
167 23.1 11.4 17.0#



#20
Pyrene
Concen: 5.995 ng/ul
RT: 19.611 min Scan# 3678
Delta R.T. 0.234 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Tgt Ion:202 Resp: 4924
Ion Ratio Lower Upper
202 100
101 31.5 8.9 13.3#
100 10.7 6.9 10.3#





#21

Benzo(a)anthracene

Concen: 332.634 ng/ul

RT: 21.172 min Scan# 4099

Delta R.T. 0.041 min

Lab File: BM049182.D

Acq: 24 Dec 2024 13:32

Instrument :

BNA_M

ClientSampleId :

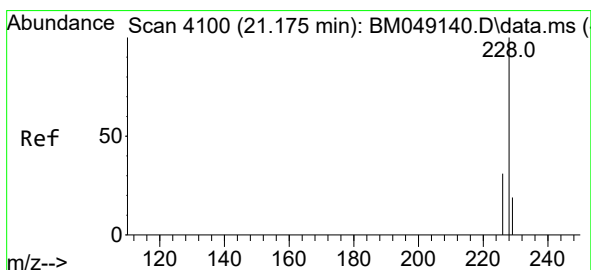
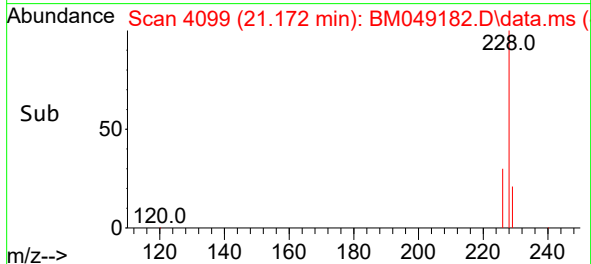
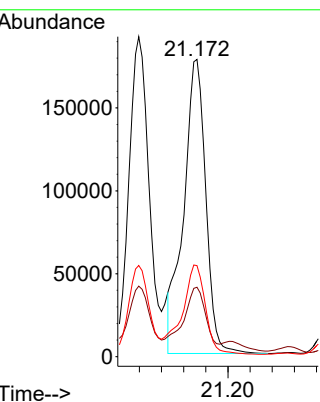
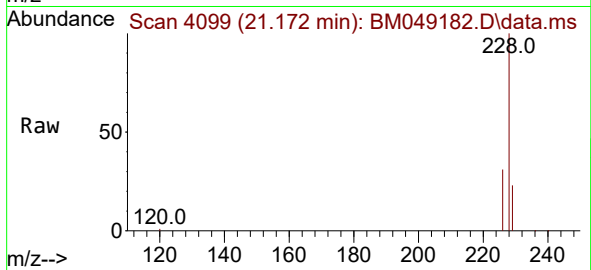
Tgt Ion:228 Resp: 246454

Ion Ratio Lower Upper

228 100

229 23.4 15.9 23.9

226 30.6 22.6 34.0



#22

Chrysene

Concen: 27.121 ng/ul

RT: 21.289 min Scan# 4139

Delta R.T. 0.105 min

Lab File: BM049182.D

Acq: 24 Dec 2024 13:32

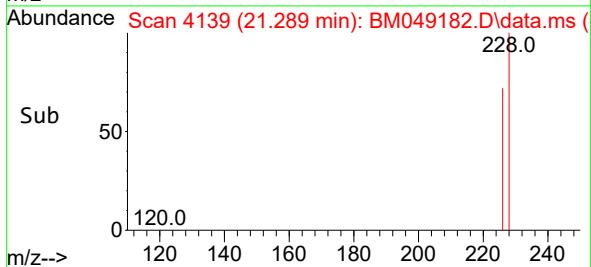
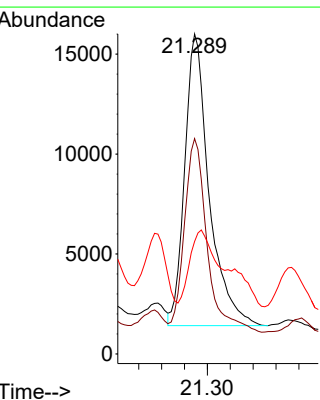
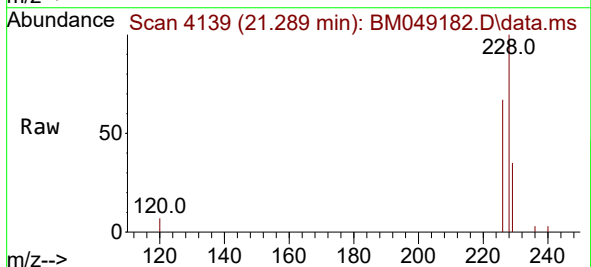
Tgt Ion:228 Resp: 21565

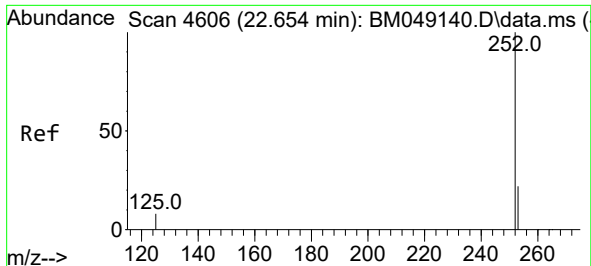
Ion Ratio Lower Upper

228 100

226 67.3 24.1 36.1#

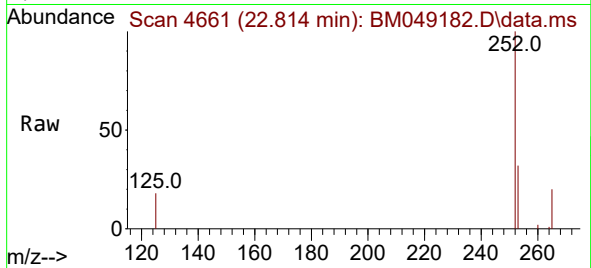
229 35.1 15.8 23.8#



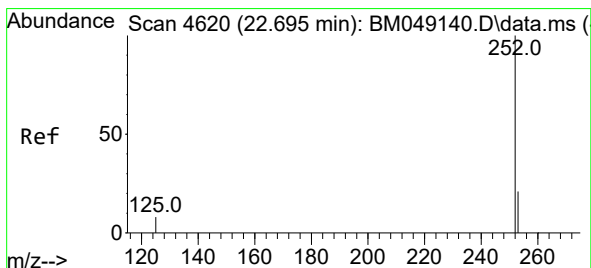
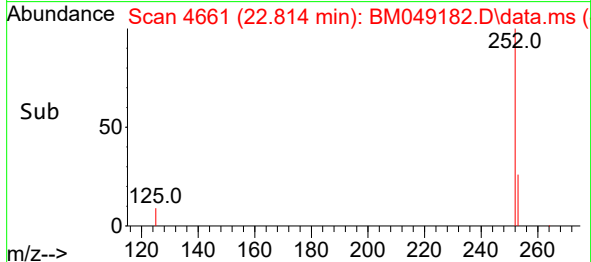
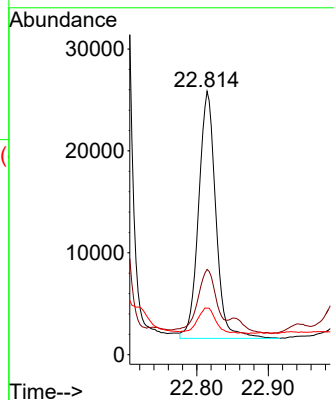


#24
Benzo(b)fluoranthene
Concen: 7.643 ng/ul
RT: 22.814 min Scan# 4661
Delta R.T. 0.152 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Instrument :
BNA_M
ClientSampleId :

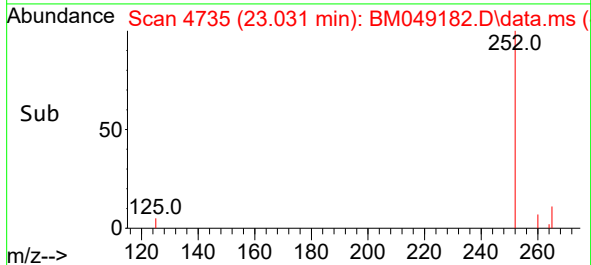
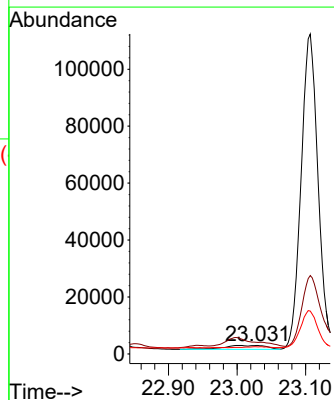
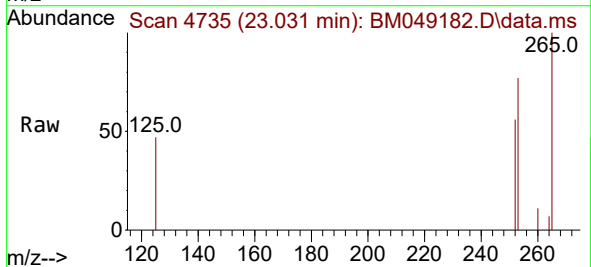


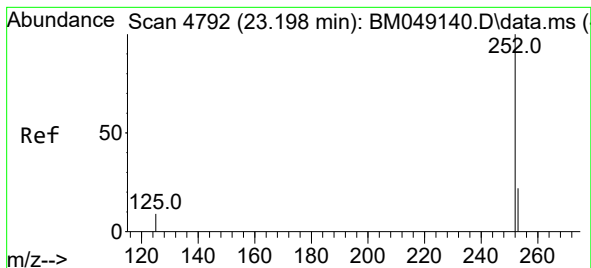
Tgt Ion:252 Resp: 40705
Ion Ratio Lower Upper
252 100
253 32.4 0.0 52.6
125 17.7 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 1.025 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. 0.324 min
Lab File: BM049182.D
Acq: 24 Dec 2024 13:32

Tgt Ion:252 Resp: 5992
Ion Ratio Lower Upper
252 100
253 136.1 21.3 31.9#
125 83.2 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 13.468 ng/ul

RT: 23.335 min Scan# 4

Delta R.T. 0.125 min

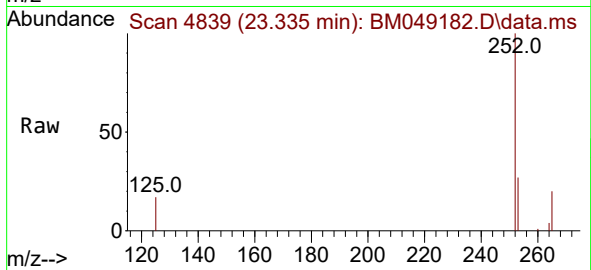
Lab File: BM049182.D

Acq: 24 Dec 2024 13:32

Instrument :

BNA_M

ClientSampleId :



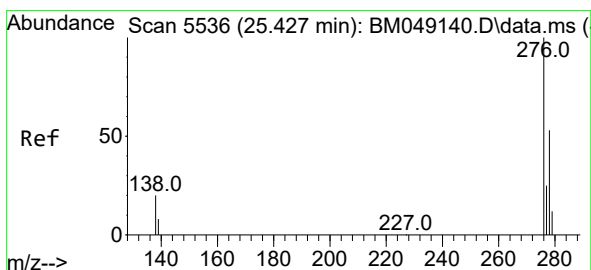
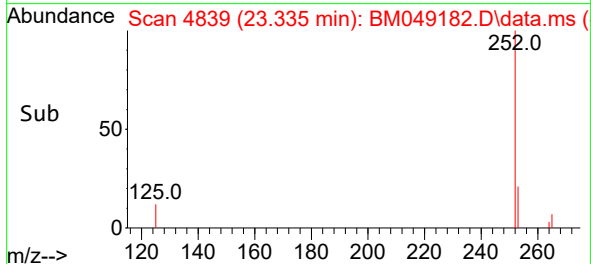
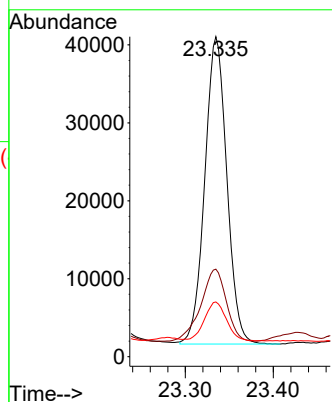
Tgt Ion:252 Resp: 68787

Ion Ratio Lower Upper

252 100

253 27.4 22.4 33.6

125 17.1 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.220 ng/ul

RT: 25.675 min Scan# 5610

Delta R.T. 0.228 min

Lab File: BM049182.D

Acq: 24 Dec 2024 13:32

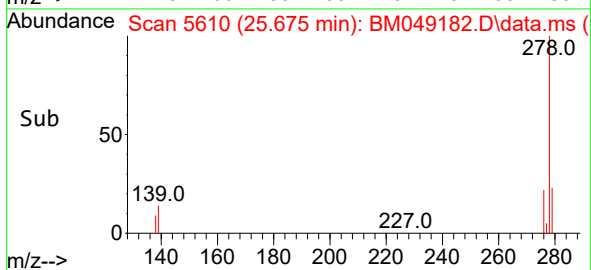
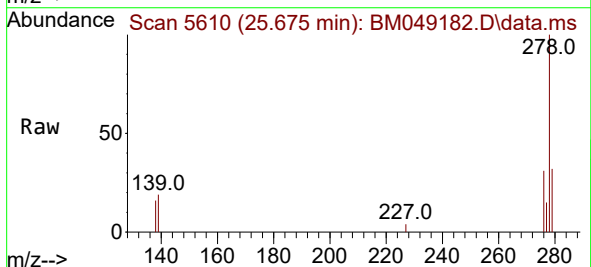
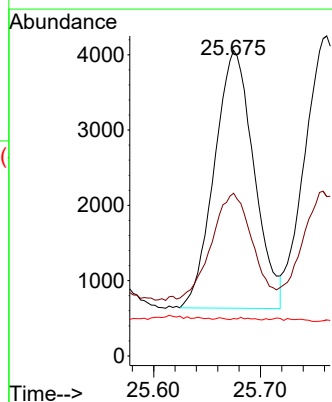
Tgt Ion:276 Resp: 8816

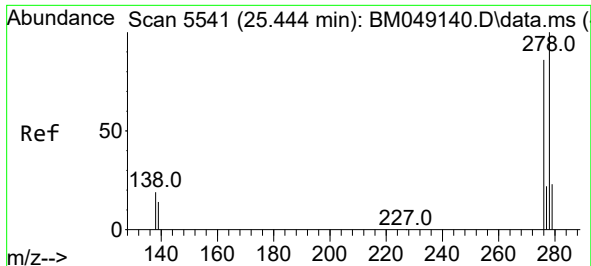
Ion Ratio Lower Upper

276 100

138 41.7 17.4 26.2#

227 0.4 0.2 0.2#

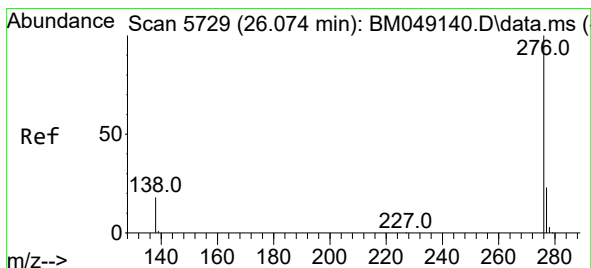
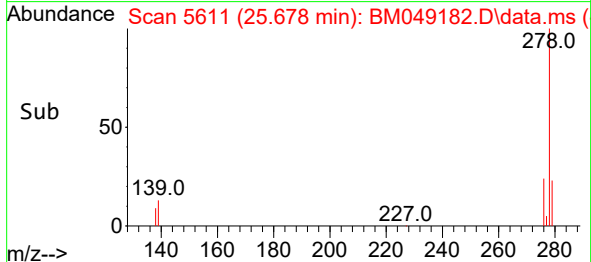
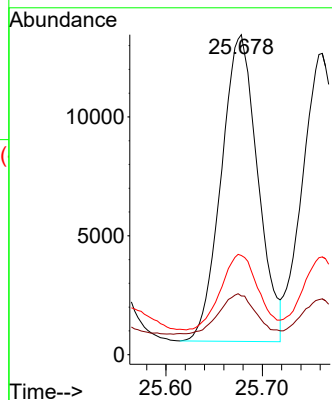
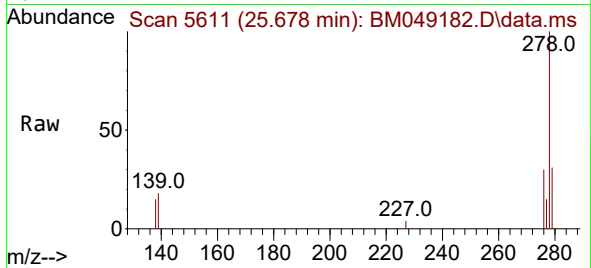




#28
 Dibenzo(a,h)anthracene
 Concen: 6.036 ng/ul
 RT: 25.678 min Scan# 51
 Delta R.T. 0.211 min
 Lab File: BM049182.D
 Acq: 24 Dec 2024 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 33898
 Ion Ratio Lower Upper
 278 100
 139 18.4 13.5 20.3
 279 31.0 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 8.163 ng/ul
 RT: 26.413 min Scan# 5830
 Delta R.T. 0.318 min
 Lab File: BM049182.D
 Acq: 24 Dec 2024 13:32

Tgt Ion:276 Resp: 47450
 Ion Ratio Lower Upper
 276 100
 138 22.3 16.7 25.1
 277 31.5 19.9 29.9#

