

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049180.D
 Acq On : 24 Dec 2024 12:21
 Operator : RC/JU
 Sample : P5333-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 21:40:04 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 : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

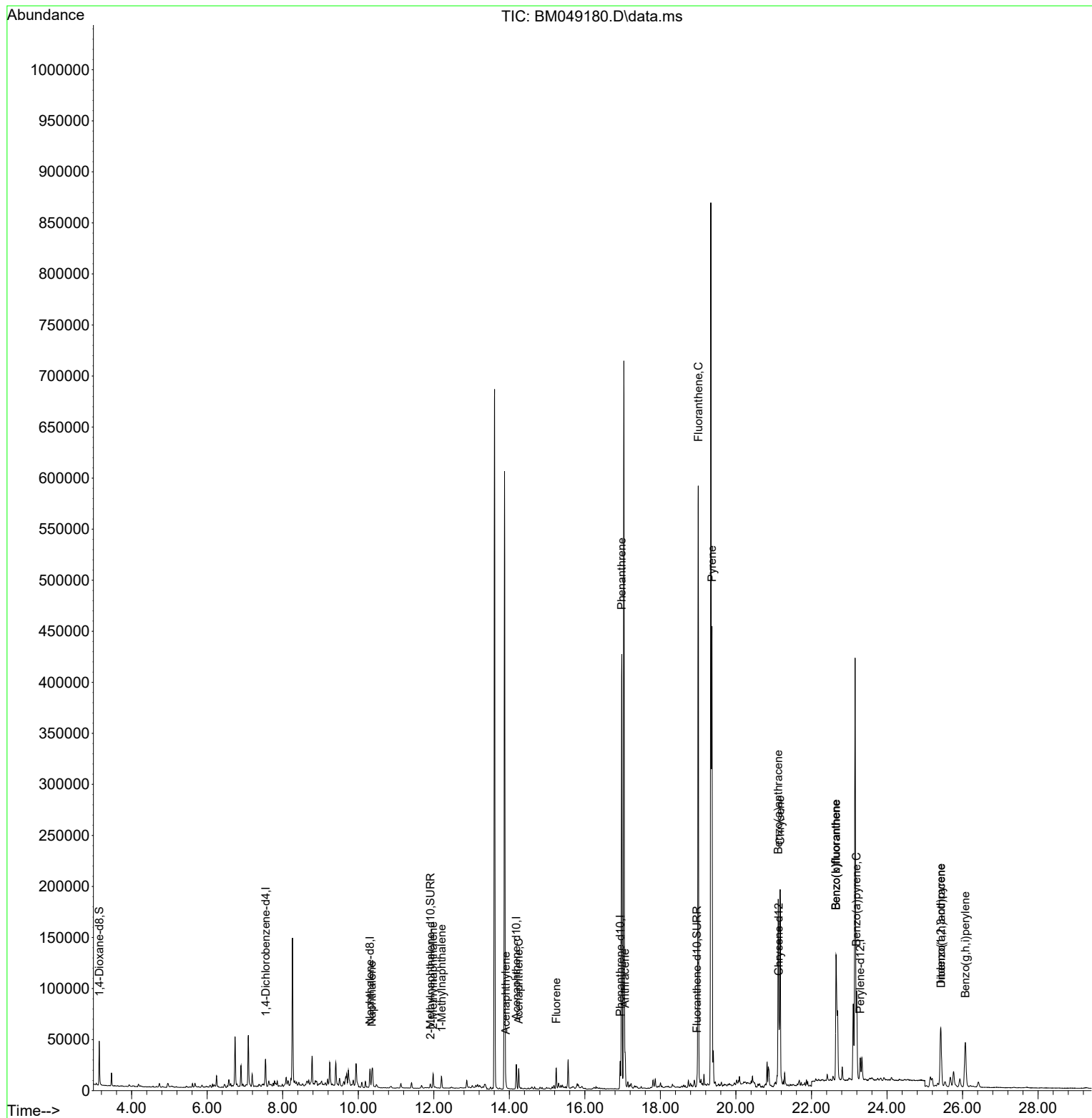
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	7132	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	22563	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.183	164	12909	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	29905	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	25851	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	27802	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25434	3.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	5173	0.171	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	9513	0.130	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	17417	0.308	ng/ul	97
7) 2-Methylnaphthalene	11.981	142	10572	0.295	ng/ul	95
8) 1-Methylnaphthalene	12.207	142	8673	0.237	ng/ul	99
10) Acenaphthylene	13.905	152	5400	0.101	ng/ul#	58
11) Acenaphthene	14.248	153	11648	0.298	ng/ul	100
12) Fluorene	15.242	166	12876	0.292	ng/ul#	97
15) Phenanthrene	16.976	178	427823	5.477	ng/ul	98
16) Anthracene	17.065	178	30268	0.422	ng/ul	98
19) Fluoranthene	19.002	202	504353	5.396	ng/ul	98
20) Pyrene	19.364	202	371736	3.729	ng/ul	99
21) Benzo(a)anthracene	21.119	228	149953	1.668	ng/ul	97
22) Chrysene	21.172	228	186904	1.937	ng/ul	97
24) Benzo(b)fluoranthene	22.650	252	271694	3.059	ng/ul	92
25) Benzo(k)fluoranthene	22.650	252	271694	2.788	ng/ul#	92
26) Benzo(a)pyrene	23.194	252	109091	1.281	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.423	276	89188	0.740	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.430	278	23094	0.247	ng/ul#	89
29) Benzo(g,h,i)perylene	26.074	276	90577	0.934	ng/ul	99

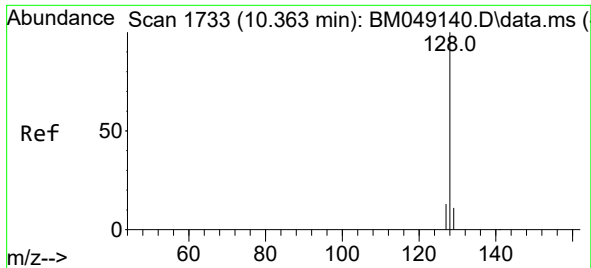
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049180.D
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Operator : RC/JU
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Instrument :
BNA_M
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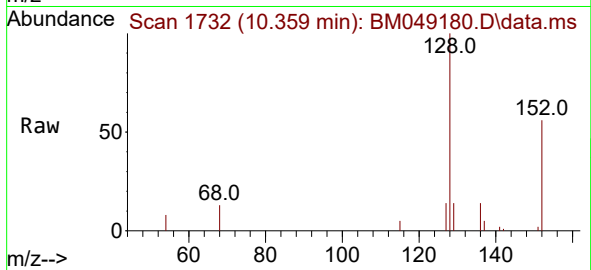
Quant Time: Dec 24 21:40:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



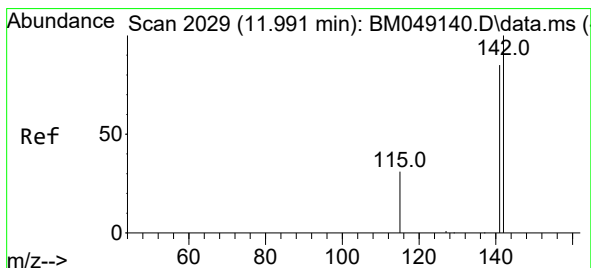
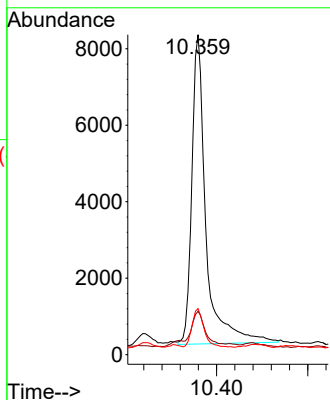
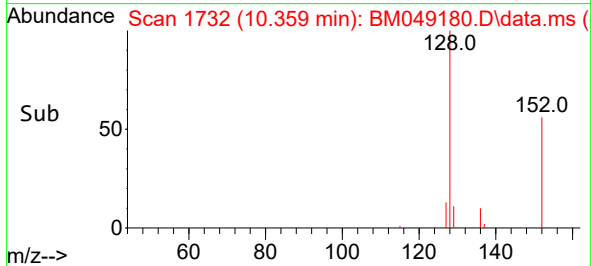


#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :

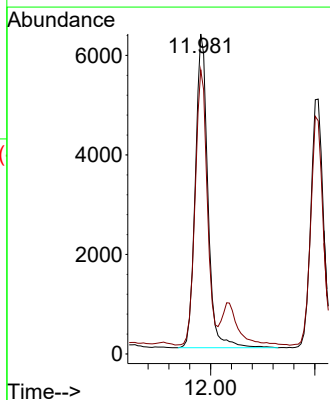
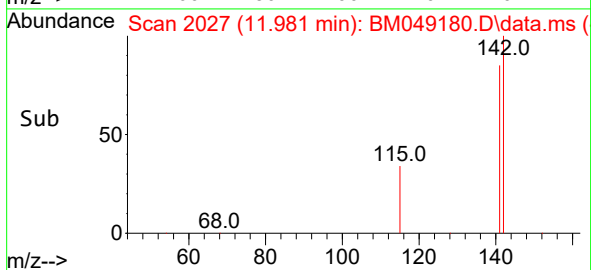
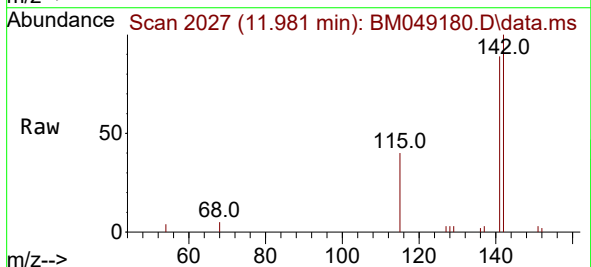


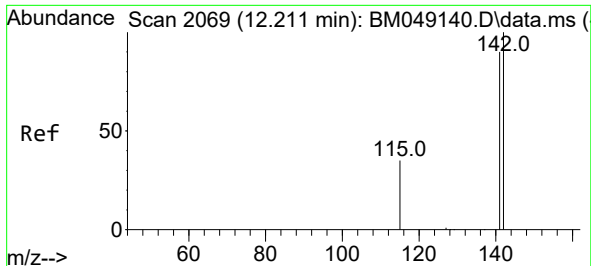
Tgt Ion:128 Resp: 17417
Ion Ratio Lower Upper
128 100
129 13.6 9.7 14.5
127 14.4 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

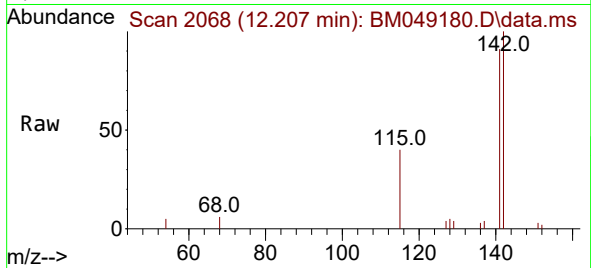
Tgt Ion:142 Resp: 10572
Ion Ratio Lower Upper
142 100
141 84.9 71.7 107.5



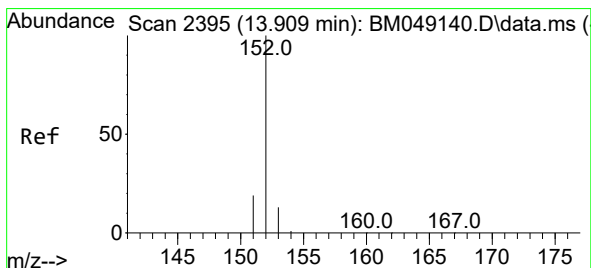
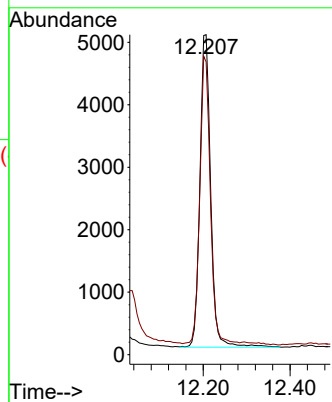
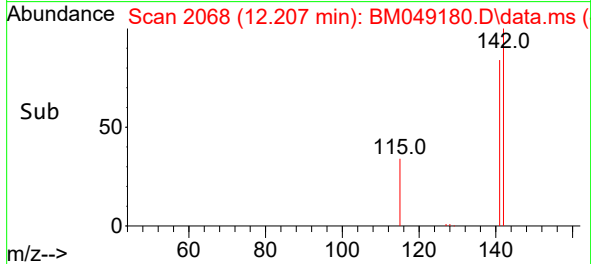


#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :

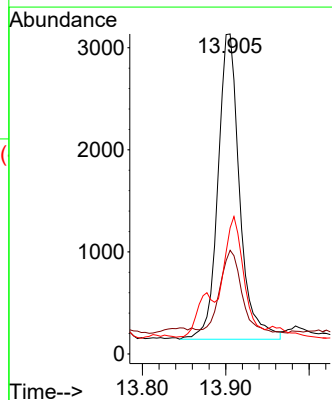
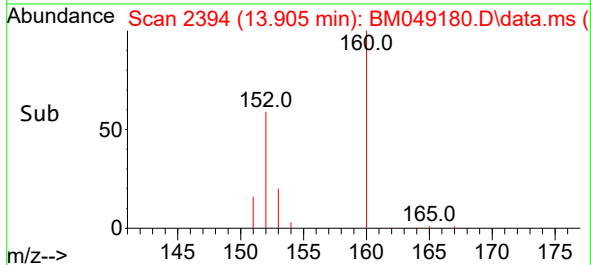
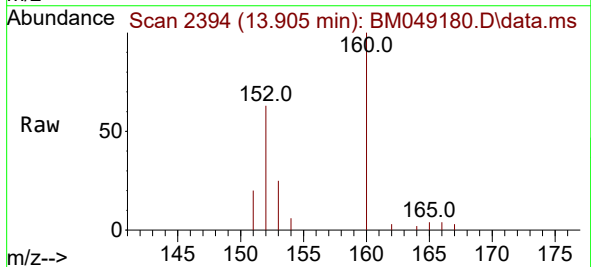


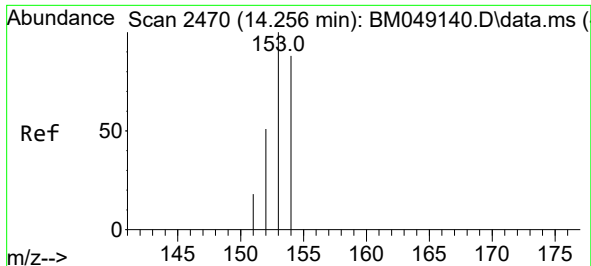
Tgt Ion:142 Resp: 8673
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 13.905 min Scan# 2394
Delta R.T. -0.013 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

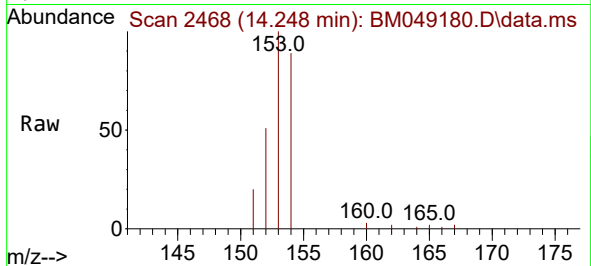
Tgt Ion:152 Resp: 5400
Ion Ratio Lower Upper
152 100
151 32.4 16.0 24.0#
153 39.4 11.0 16.6#



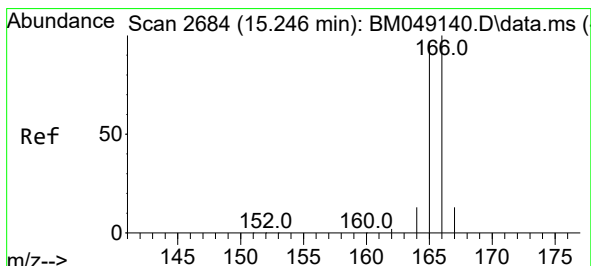
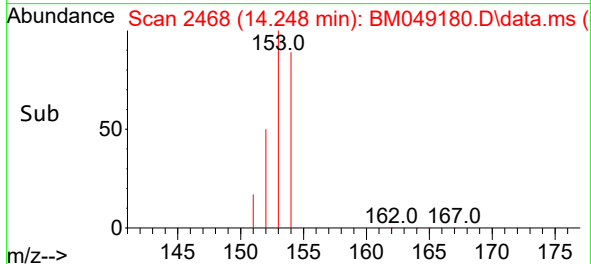
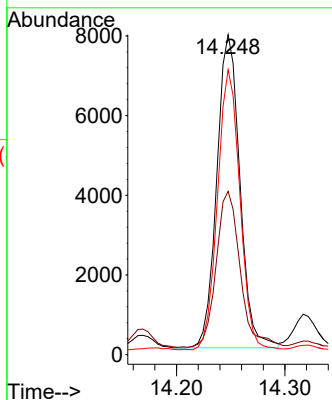


#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.248 min Scan# 2470
Delta R.T. -0.017 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :

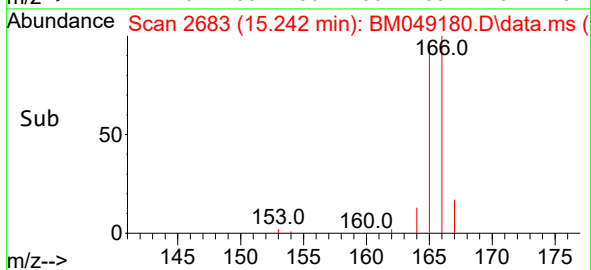
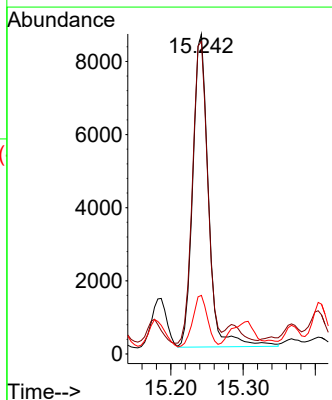
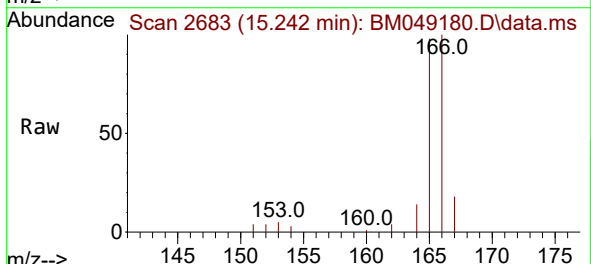


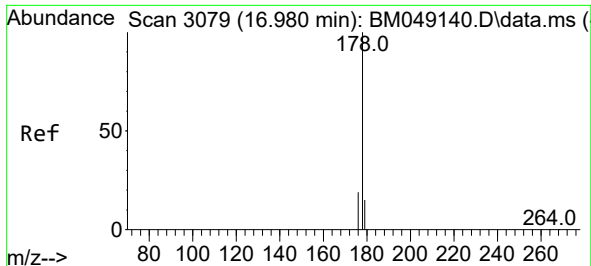
Tgt Ion:153 Resp: 11648
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 89.1 70.8 106.2



#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. -0.013 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

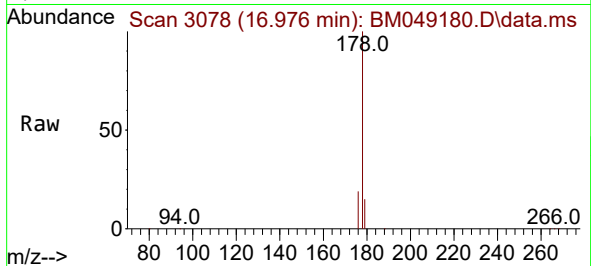
Tgt Ion:166 Resp: 12876
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 18.3 11.4 17.0#



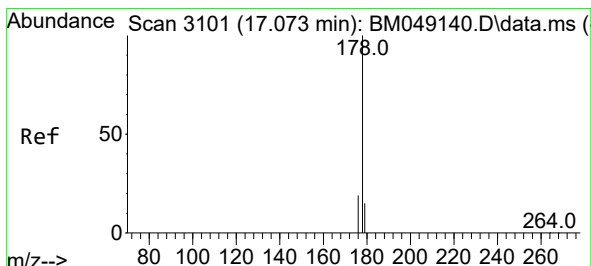
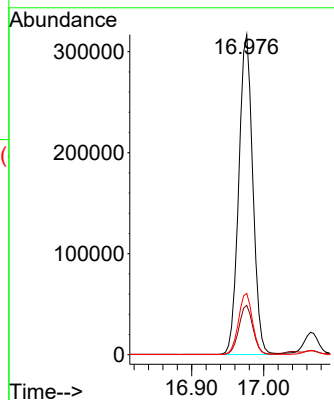


#15
Phenanthrene
Concen: 5.477 ng/ul
RT: 16.976 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :

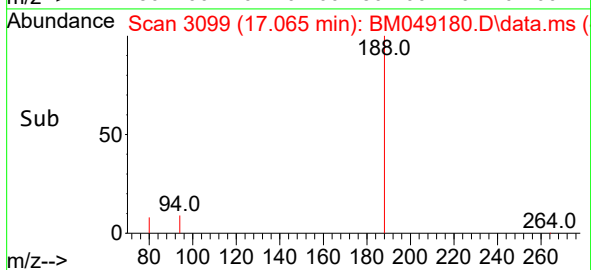
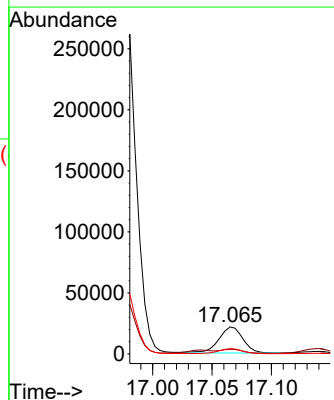
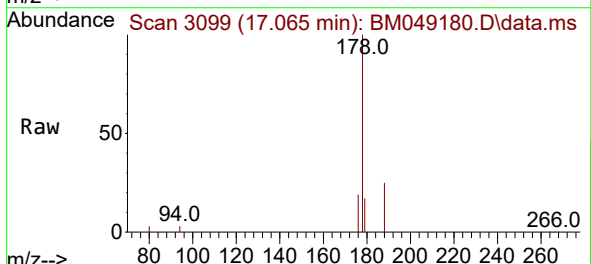


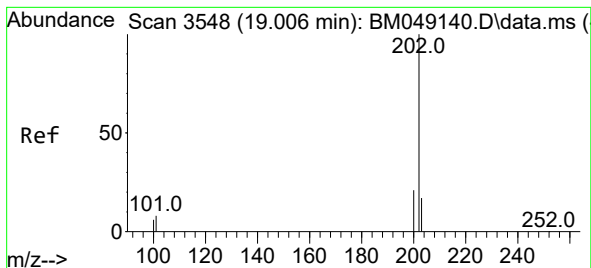
Tgt Ion:178 Resp: 427823
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 16.2 24.2



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.020 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Tgt Ion:178 Resp: 30268
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.3 15.3 22.9





#19

Fluoranthene

Concen: 5.396 ng/ul

RT: 19.002 min Scan# 3548

Delta R.T. -0.013 min

Lab File: BM049180.D

Acq: 24 Dec 2024 12:21

Instrument :

BNA_M

ClientSampleId :

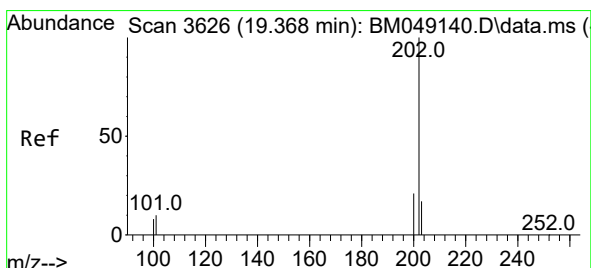
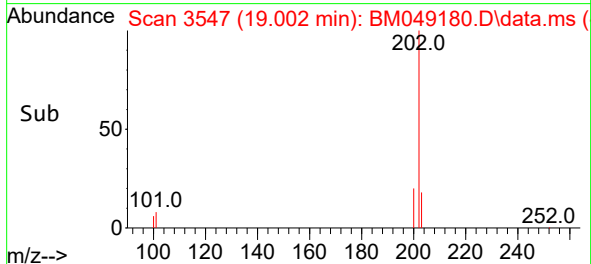
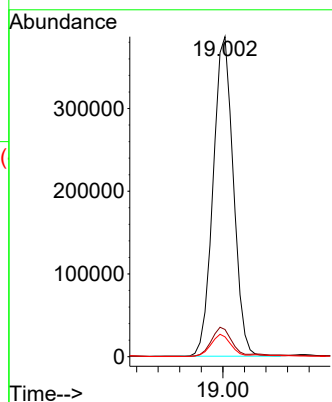
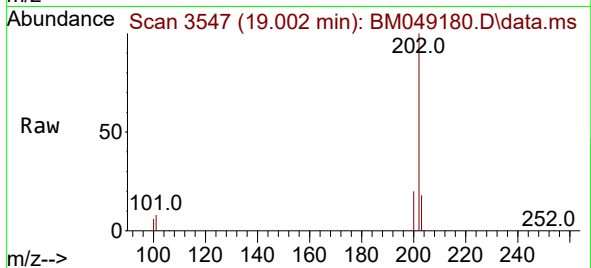
Tgt Ion:202 Resp: 504353

Ion Ratio Lower Upper

202 100

101 8.5 7.6 11.4

100 6.2 5.5 8.3



#20

Pyrene

Concen: 3.729 ng/ul

RT: 19.364 min Scan# 3625

Delta R.T. -0.013 min

Lab File: BM049180.D

Acq: 24 Dec 2024 12:21

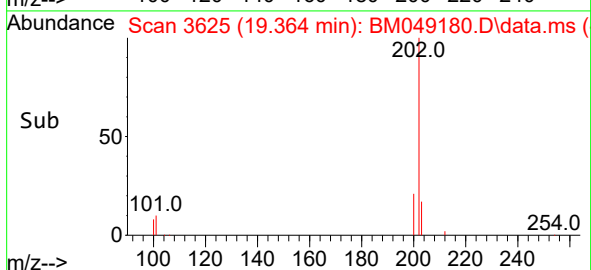
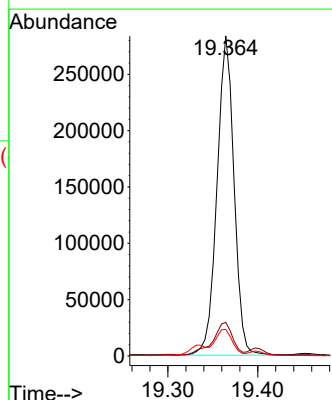
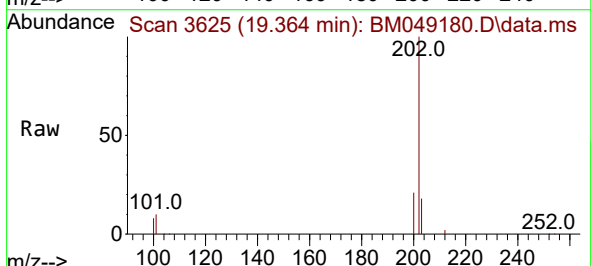
Tgt Ion:202 Resp: 371736

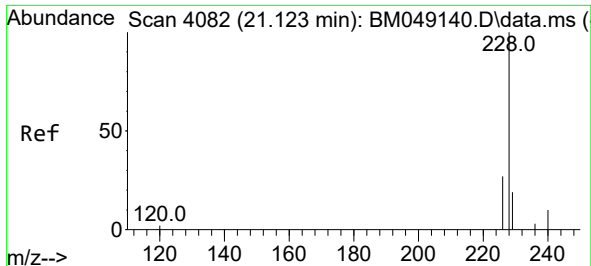
Ion Ratio Lower Upper

202 100

101 10.5 8.9 13.3

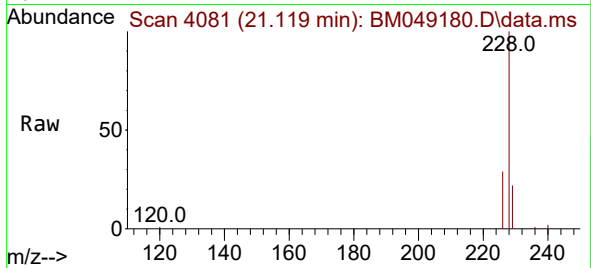
100 8.3 6.9 10.3



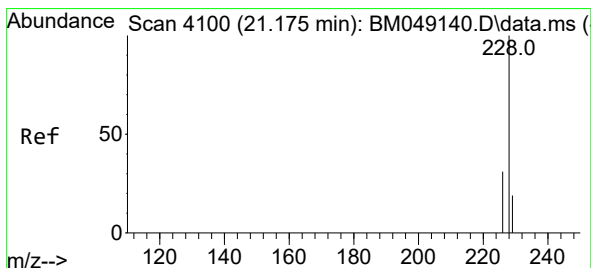
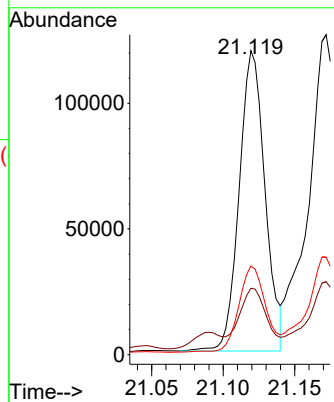
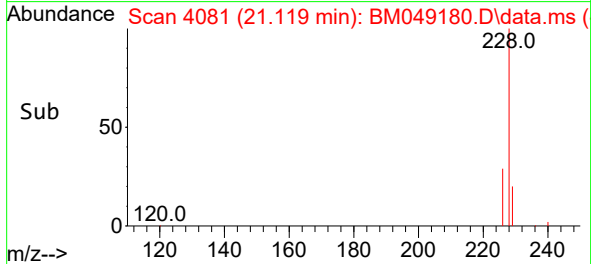


#21
Benzo(a)anthracene
Concen: 1.668 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :

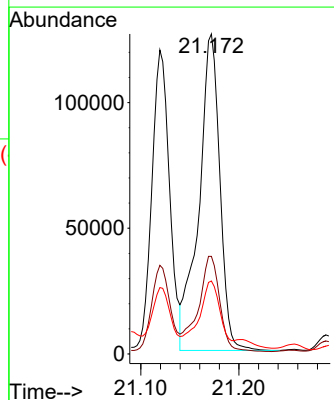
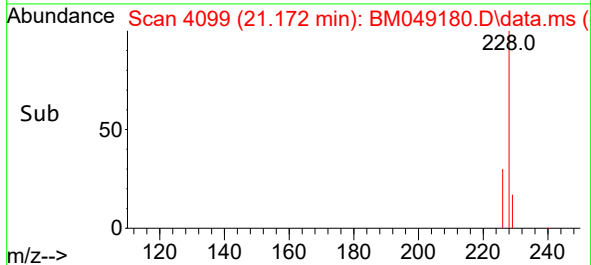
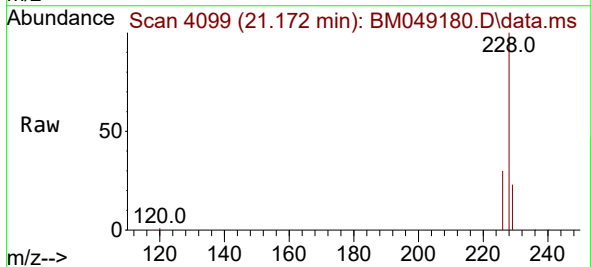


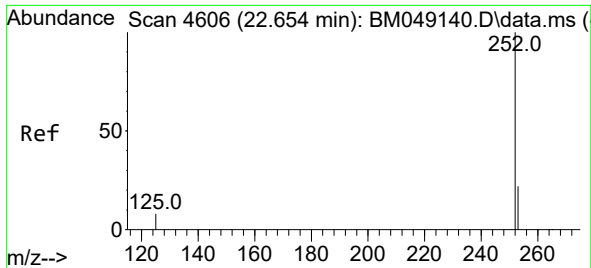
Tgt Ion:228 Resp: 149953
Ion Ratio Lower Upper
228 100
229 21.9 15.9 23.9
226 29.2 22.6 34.0



#22
Chrysene
Concen: 1.937 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

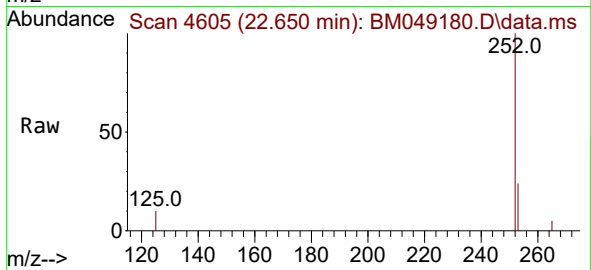
Tgt Ion:228 Resp: 186904
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.8 15.8 23.8



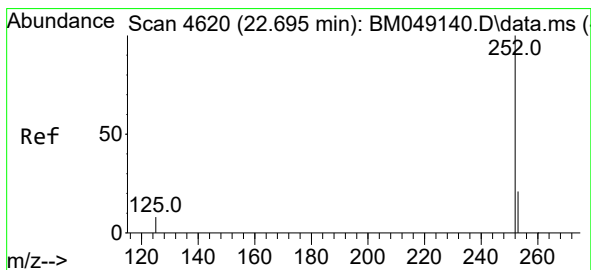
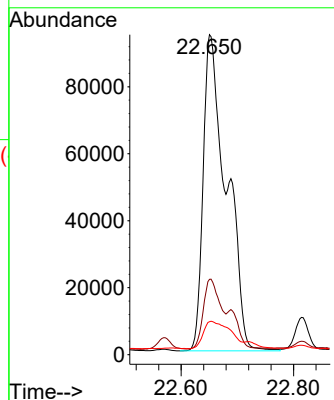


#24
Benzo(b)fluoranthene
Concen: 3.059 ng/ul
RT: 22.650 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :

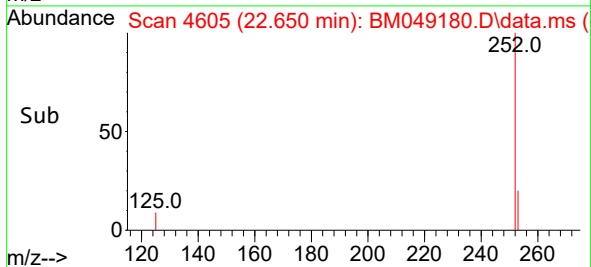
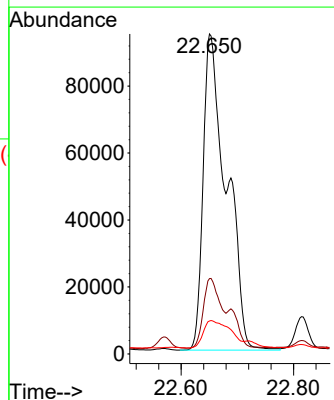
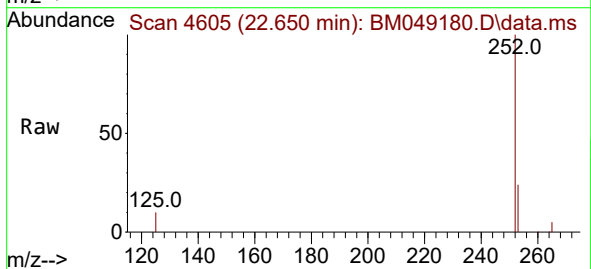


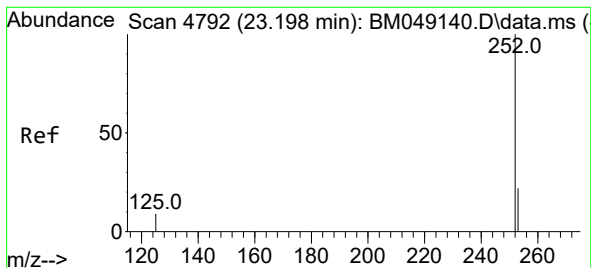
Tgt Ion:252 Resp: 271694
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.6
125 10.3 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 2.788 ng/ul
RT: 22.650 min Scan# 4605
Delta R.T. -0.056 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Tgt Ion:252 Resp: 271694
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 10.3 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 1.281 ng/ul

RT: 23.194 min Scan# 4791

Delta R.T. -0.015 min

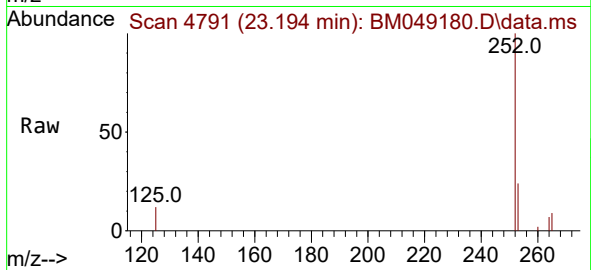
Lab File: BM049180.D

Acq: 24 Dec 2024 12:21

Instrument :

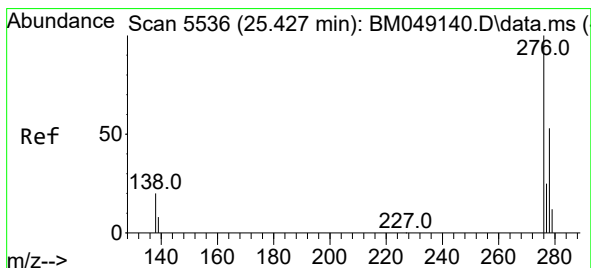
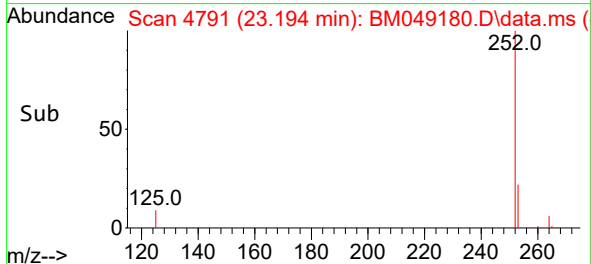
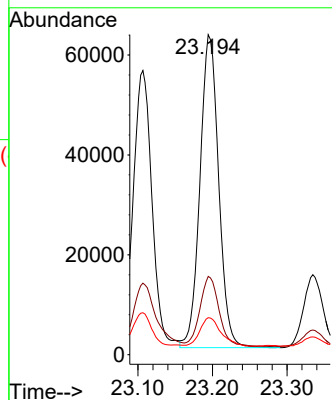
BNA_M

ClientSampleId :



Tgt Ion:252 Resp: 109091

Ion	Ratio	Lower	Upper
252	100		
253	24.4	22.4	33.6
125	11.5	14.8	22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.740 ng/ul

RT: 25.423 min Scan# 5535

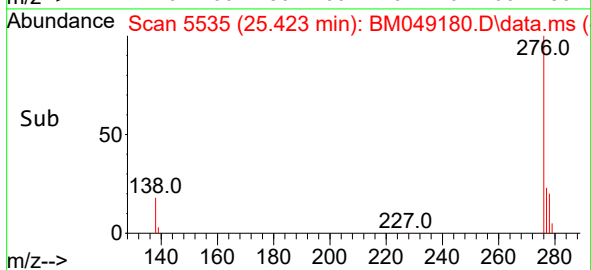
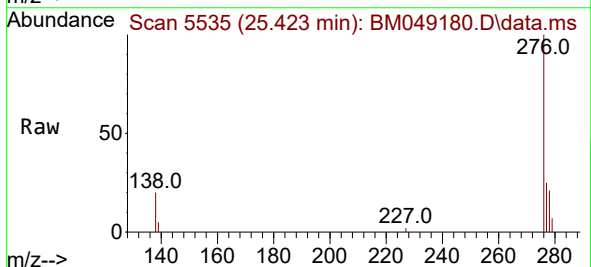
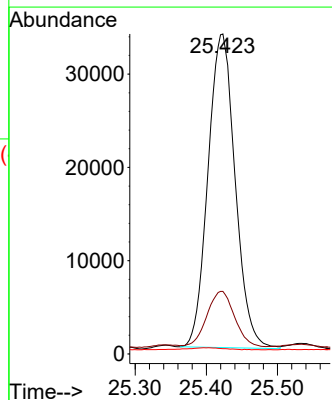
Delta R.T. -0.024 min

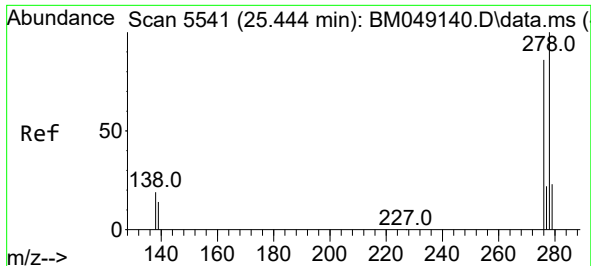
Lab File: BM049180.D

Acq: 24 Dec 2024 12:21

Tgt Ion:276 Resp: 89188

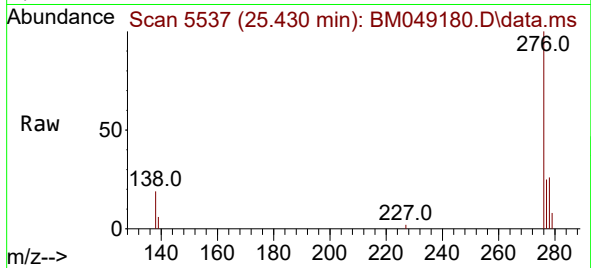
Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.4	26.2
227	0.0	0.2	0.2



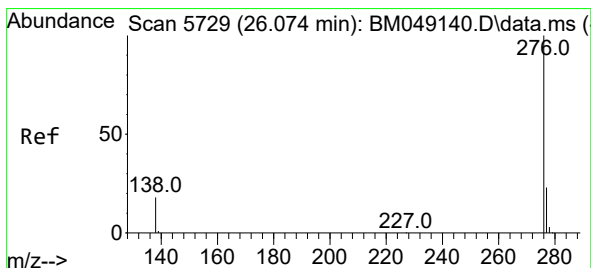
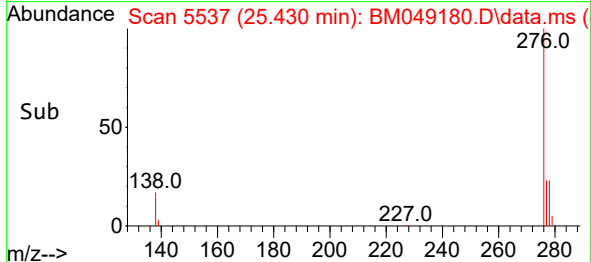
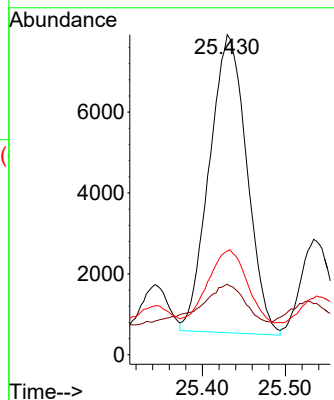


#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 25.430 min Scan# 51
Delta R.T. -0.037 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 23094
Ion Ratio Lower Upper
278 100
139 22.0 13.5 20.3#
279 32.4 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.934 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.021 min
Lab File: BM049180.D
Acq: 24 Dec 2024 12:21

Tgt Ion:276 Resp: 90577
Ion Ratio Lower Upper
276 100
138 20.2 16.7 25.1
277 24.3 19.9 29.9

