

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121824\
 Data File : BM049057.D
 Acq On : 18 Dec 2024 19:48
 Operator : RC/JU
 Sample : P5155-05DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28R0DL

Quant Time: Dec 19 01:49:56 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)

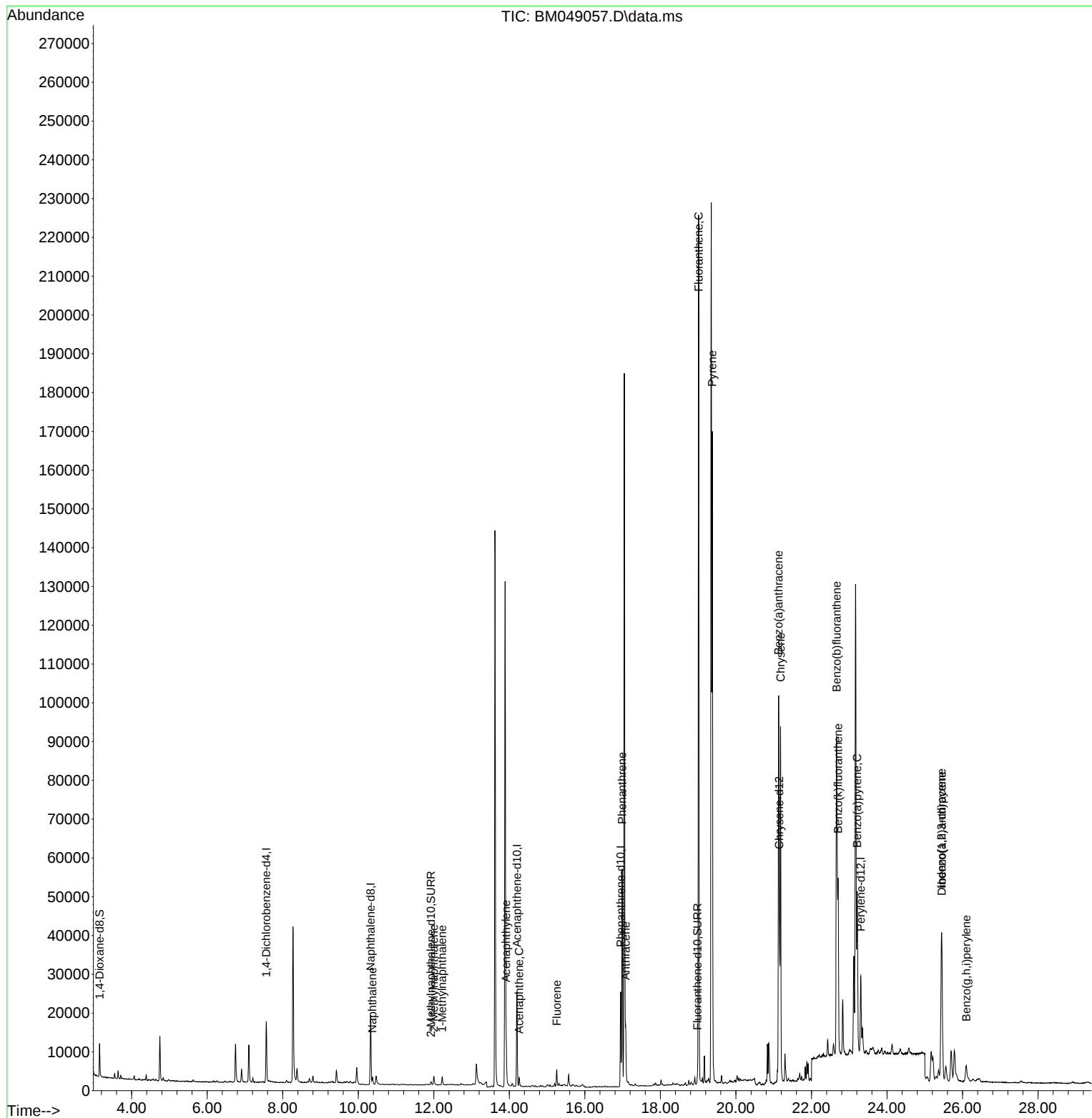
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	7914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	24233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	13806	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	28790	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	23315	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	23882m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5027	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1181	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	2717	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.375	128	2393	0.039	ng/ul#	89
7) 2-Methylnaphthalene	12.003	142	1928	0.050	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	1591	0.040	ng/ul	100
10) Acenaphthylene	13.914	152	13579	0.237	ng/ul	98
11) Acenaphthene	14.261	153	1359	0.033	ng/ul	93
12) Fluorene	15.256	166	2848	0.060	ng/ul#	97
15) Phenanthrene	16.989	178	60999	0.811	ng/ul	98
16) Anthracene	17.078	178	12817	0.186	ng/ul	98
19) Fluoranthene	19.011	202	191562	2.272	ng/ul	99
20) Pyrene	19.374	202	135291	1.505	ng/ul	99
21) Benzo(a)anthracene	21.128	228	83613	1.031	ng/ul	98
22) Chrysene	21.181	228	86931	0.999	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	130559m	1.711	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	51008m	0.609	ng/ul	
26) Benzo(a)pyrene	23.212	252	55217m	0.755	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276	56807	0.549	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.450	278	16566	0.206	ng/ul#	90
29) Benzo(g,h,i)perylene	26.097	276	8916	0.107	ng/ul#	85

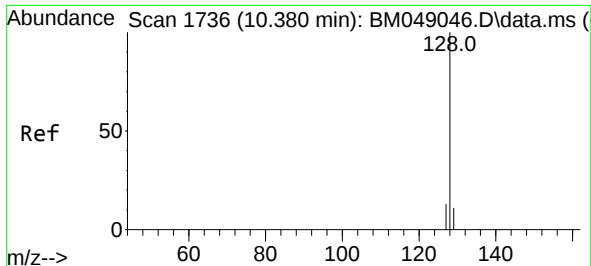
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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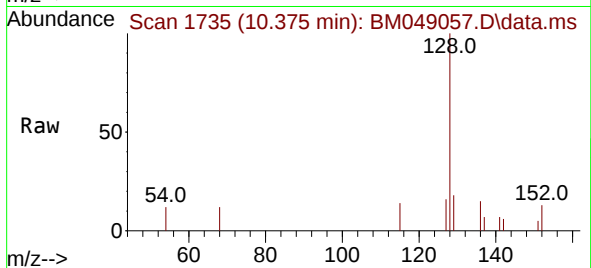
Quant Time: Dec 19 01:49:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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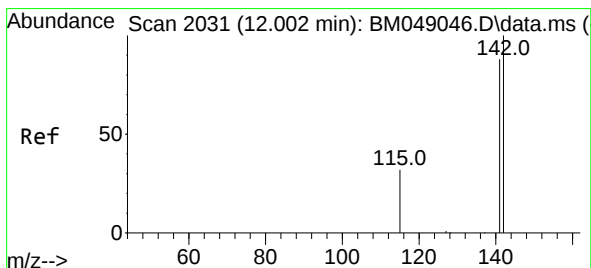
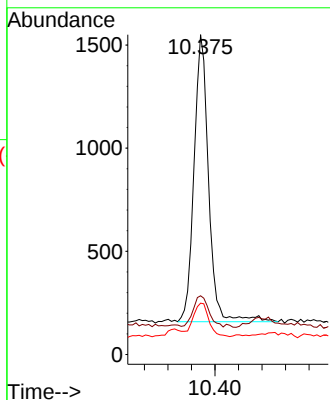
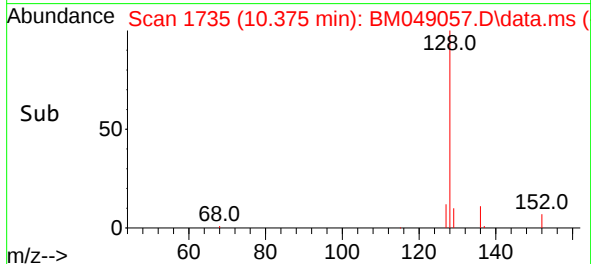


#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.375 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Instrument :
BNA_M
ClientSampleId :
E28R0DL

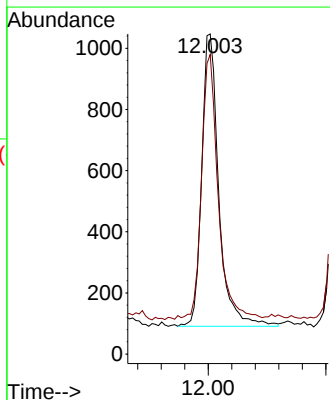
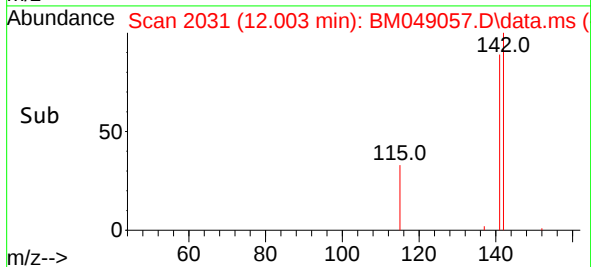
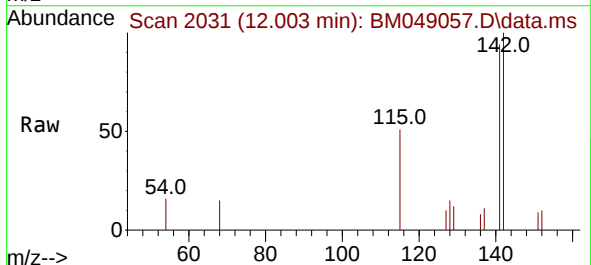


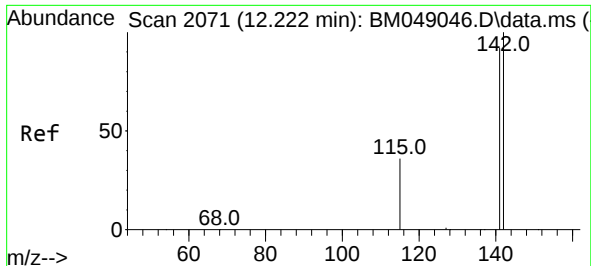
Tgt Ion:128 Resp: 2393
Ion Ratio Lower Upper
128 100
129 18.4 9.7 14.5#
127 16.1 10.6 16.0#



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:142 Resp: 1928
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5

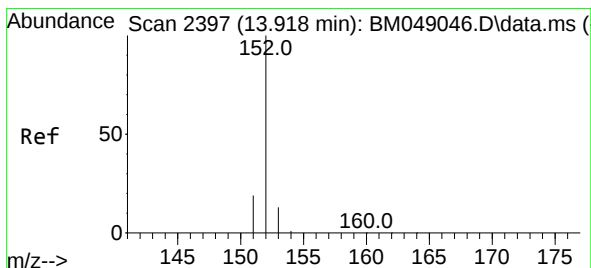
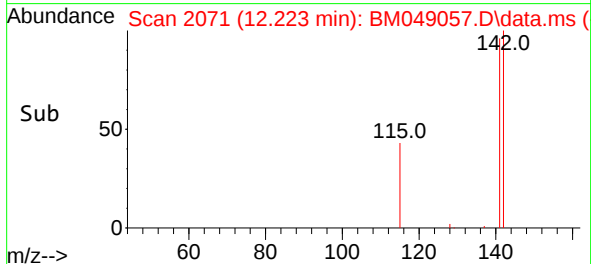
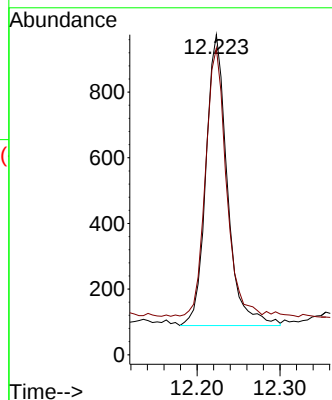
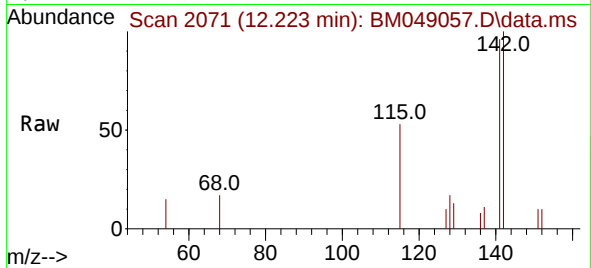




#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. 0.001 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

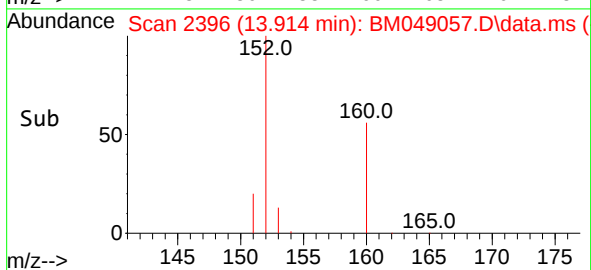
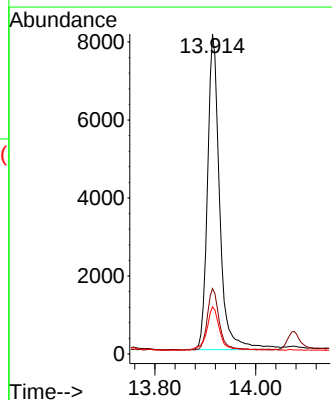
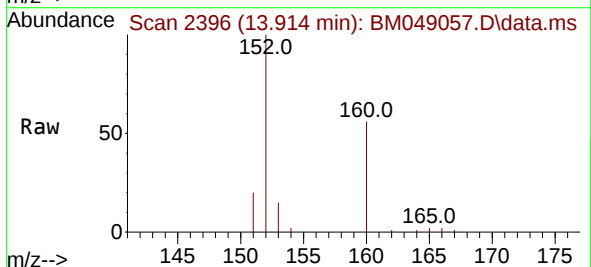
Instrument :
BNA_M
ClientSampleId :
E28R0DL

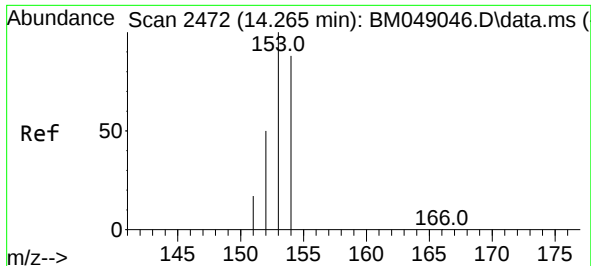
Tgt Ion:142 Resp: 1591
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1



#10
Acenaphthylene
Concen: 0.237 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:152 Resp: 13579
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.8 11.0 16.6

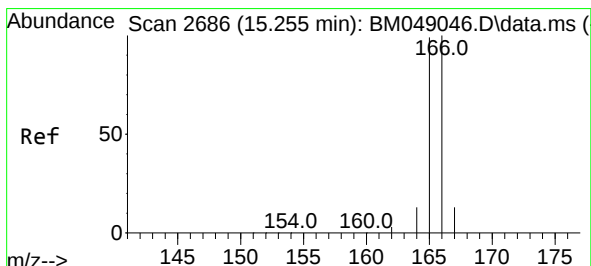
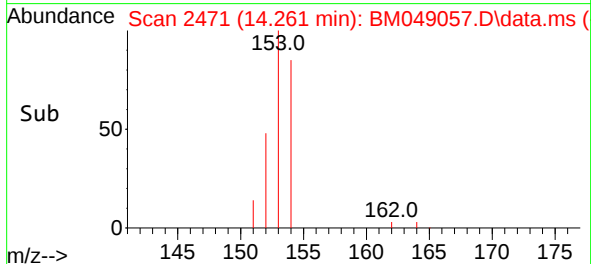
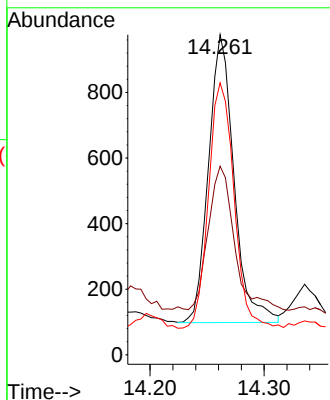
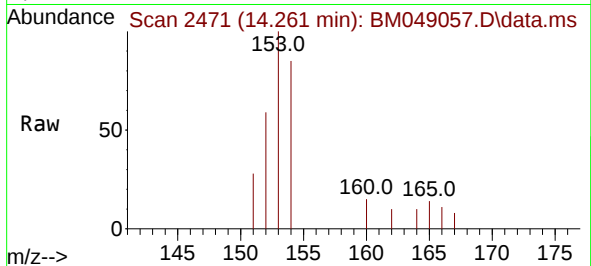




#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

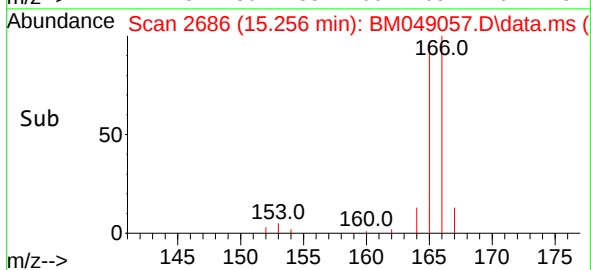
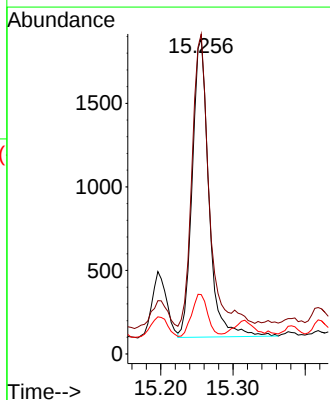
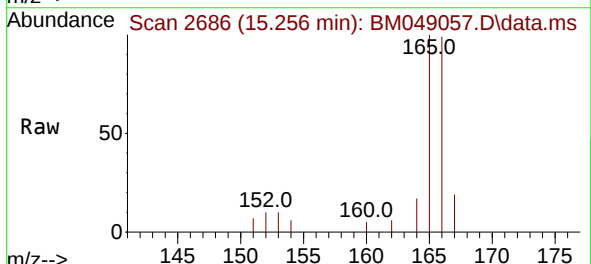
Instrument :
BNA_M
ClientSampleId :
E28R0DL

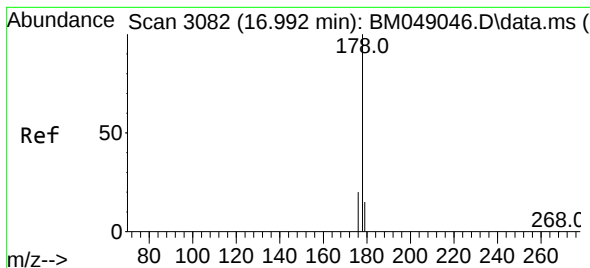
Tgt Ion:153 Resp: 1359
Ion Ratio Lower Upper
153 100
152 58.9 40.7 61.1
154 84.9 70.8 106.2



#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.256 min Scan# 2686
Delta R.T. 0.001 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:166 Resp: 2848
Ion Ratio Lower Upper
166 100
165 101.4 79.7 119.5
167 18.9 11.4 17.0#





#15

Phenanthrene

Concen: 0.811 ng/ul

RT: 16.989 min Scan# 3082

Delta R.T. -0.003 min

Lab File: BM049057.D

Acq: 18 Dec 2024 19:48

Instrument :

BNA_M

ClientSampleId :

E28R0DL

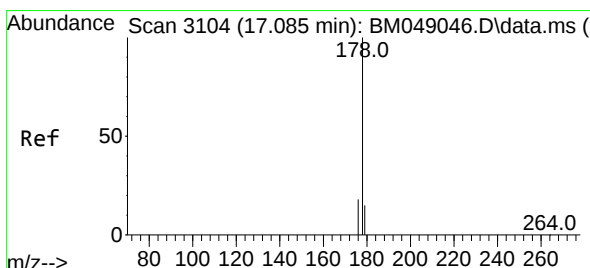
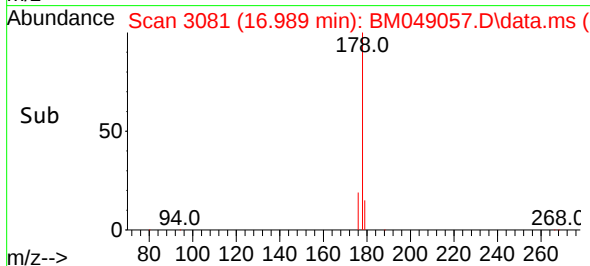
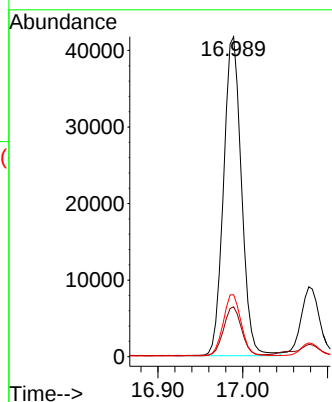
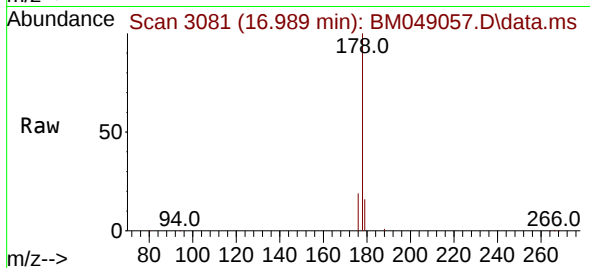
Tgt Ion:178 Resp: 60999

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.4

176 19.4 16.2 24.2



#16

Anthracene

Concen: 0.186 ng/ul

RT: 17.078 min Scan# 3102

Delta R.T. -0.007 min

Lab File: BM049057.D

Acq: 18 Dec 2024 19:48

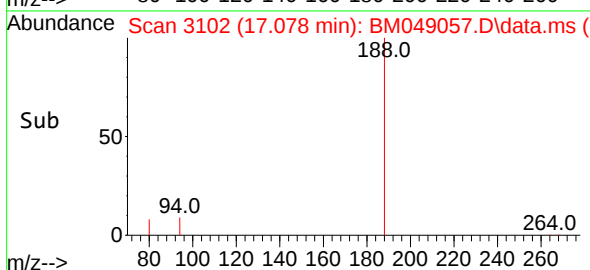
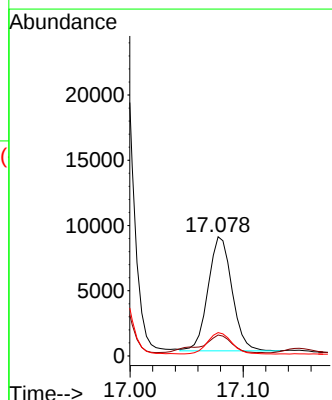
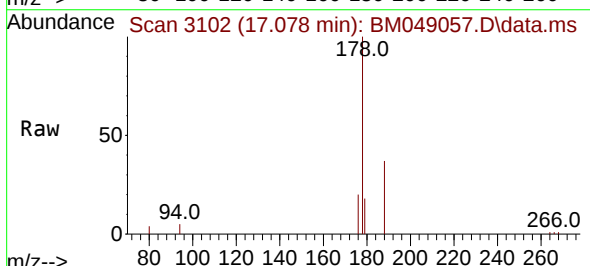
Tgt Ion:178 Resp: 12817

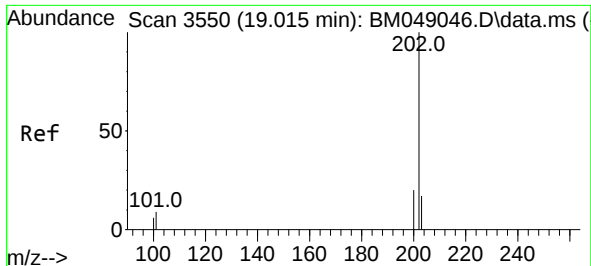
Ion Ratio Lower Upper

178 100

179 17.5 12.9 19.3

176 19.6 15.3 22.9

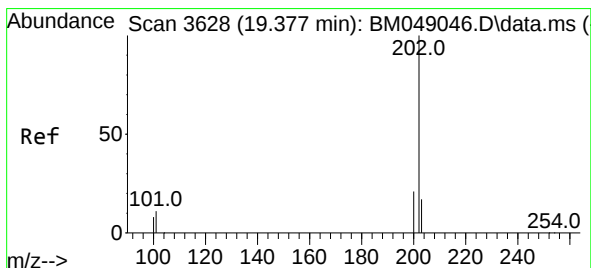
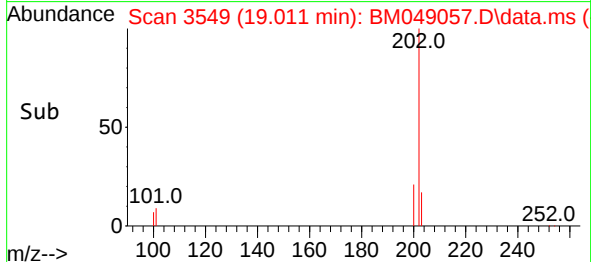
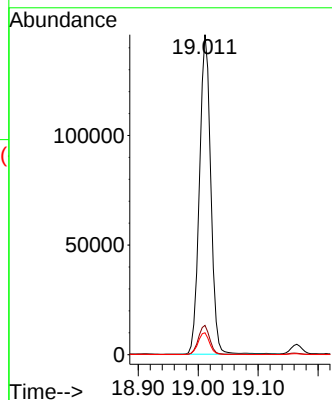
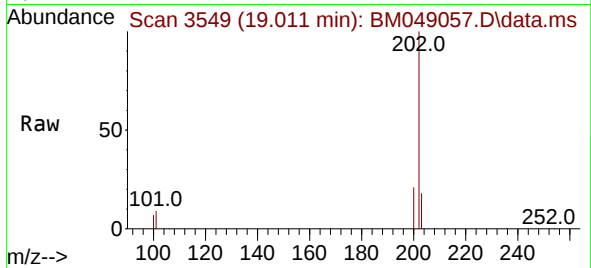




#19
Fluoranthene
Concen: 2.272 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

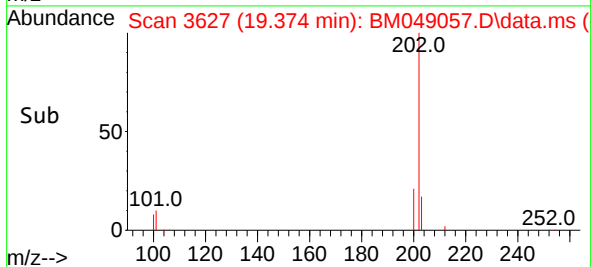
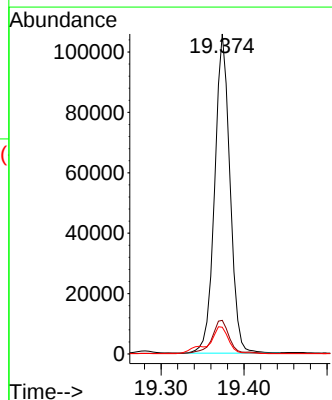
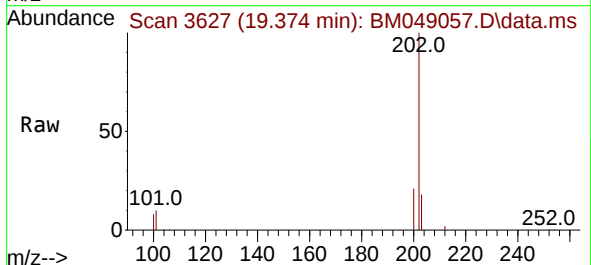
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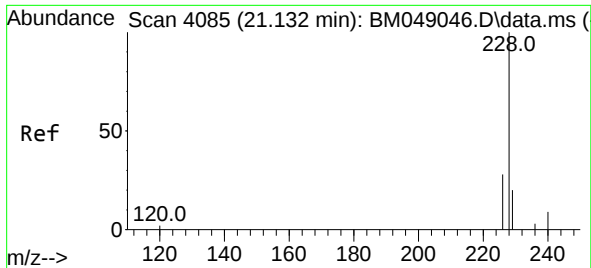
Tgt Ion:202 Resp: 191562
Ion Ratio Lower Upper
202 100
101 9.1 7.6 11.4
100 6.8 5.5 8.3



#20
Pyrene
Concen: 1.505 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:202 Resp: 135291
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 8.3 6.9 10.3

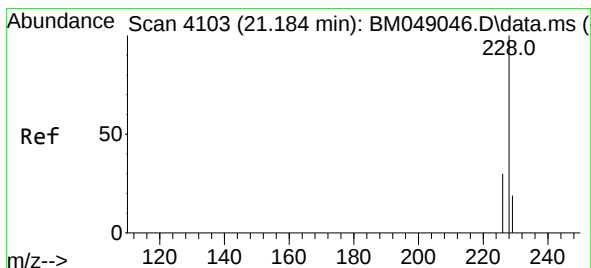
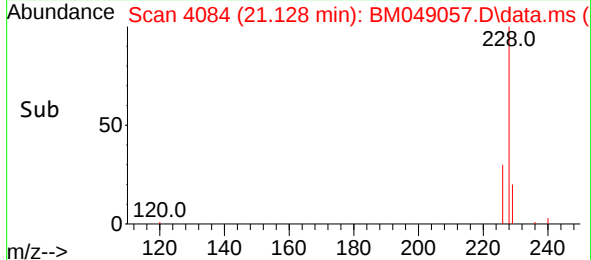
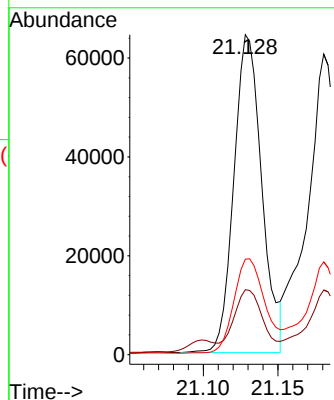
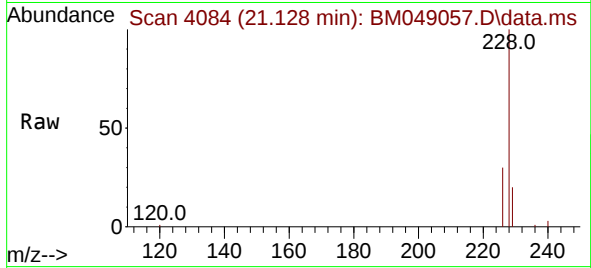




#21
Benzo(a)anthracene
Concen: 1.031 ng/ul
RT: 21.128 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

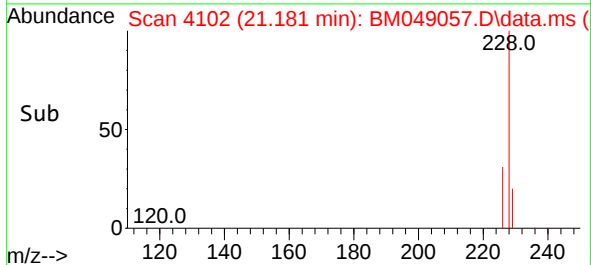
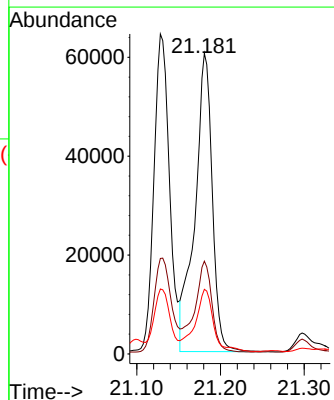
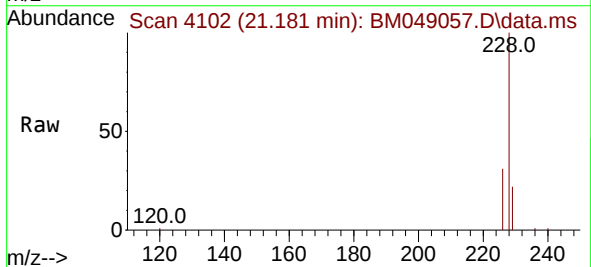
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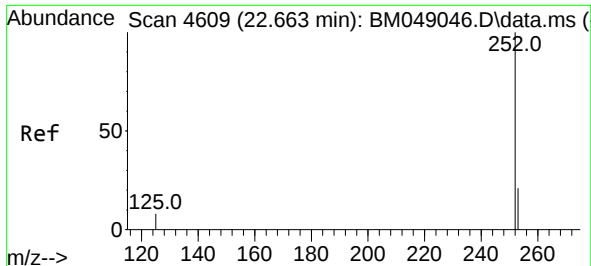
Tgt Ion:228 Resp: 83613
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 29.9 22.6 34.0



#22
Chrysene
Concen: 0.999 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:228 Resp: 86931
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 21.5 15.8 23.8

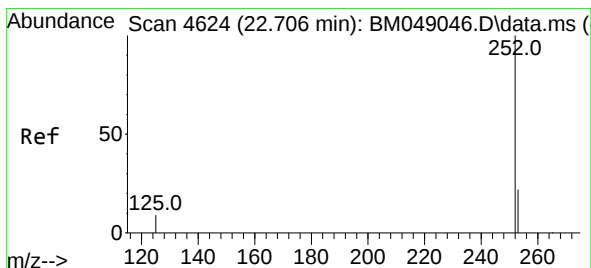
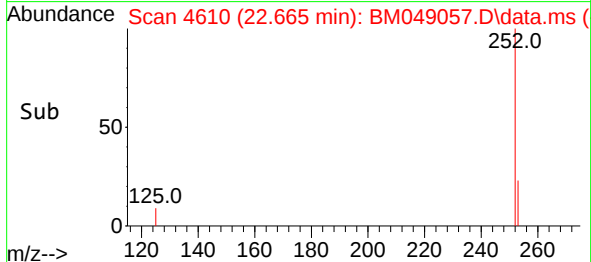
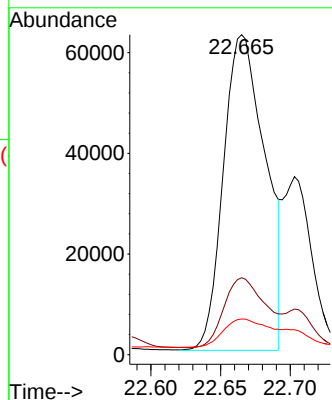
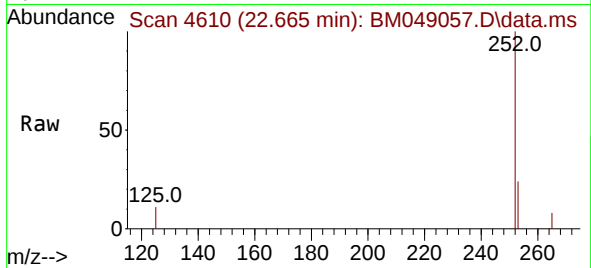




#24
Benzo(b)fluoranthene
Concen: 1.711 ng/ul m
RT: 22.665 min Scan# 4609
Delta R.T. 0.002 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

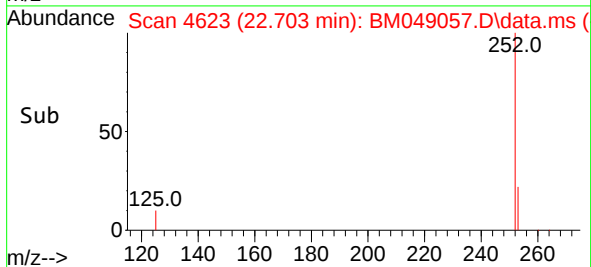
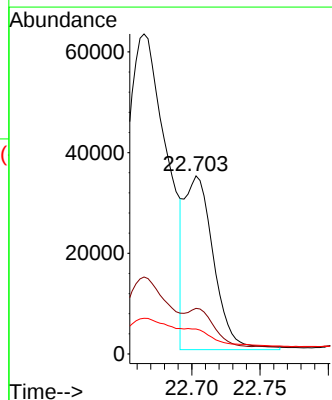
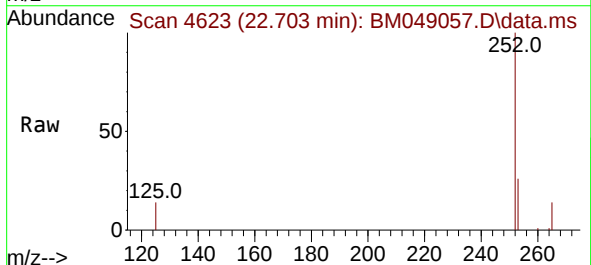
Instrument :
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E28R0DL

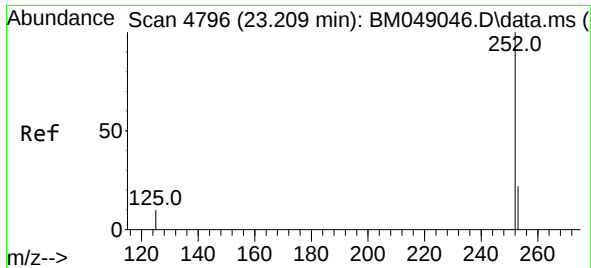
Tgt Ion:252 Resp: 130559
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.6
125 11.1 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.609 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:252 Resp: 51008
Ion Ratio Lower Upper
252 100
253 25.6 21.3 31.9
125 14.0 12.6 18.8

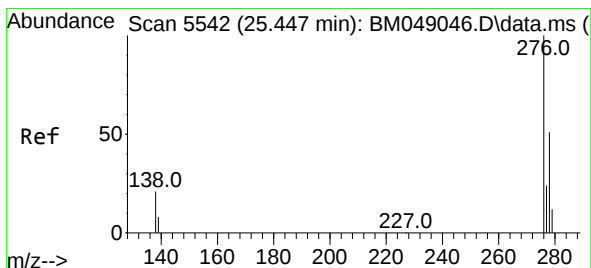
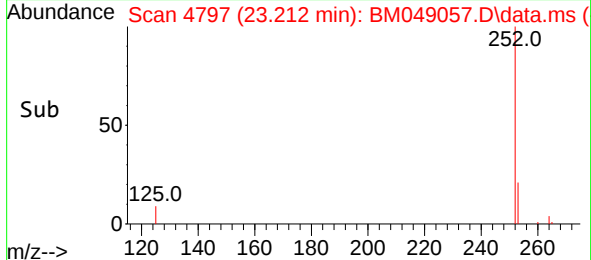
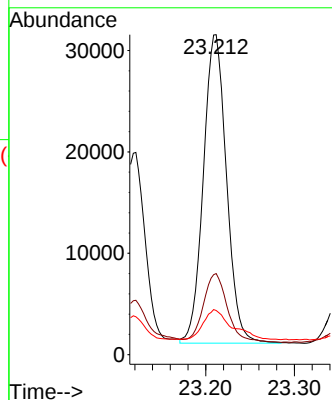
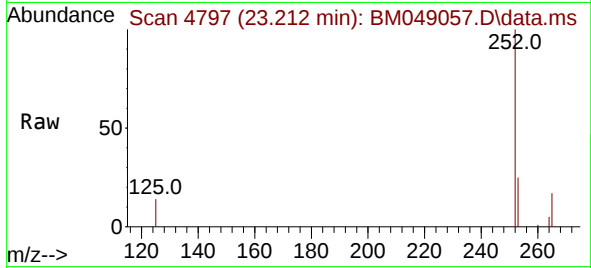




#26
Benzo(a)pyrene
Concen: 0.755 ng/ul m
RT: 23.212 min Scan# 4797
Delta R.T. 0.002 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

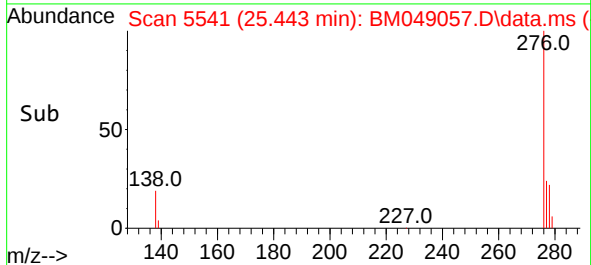
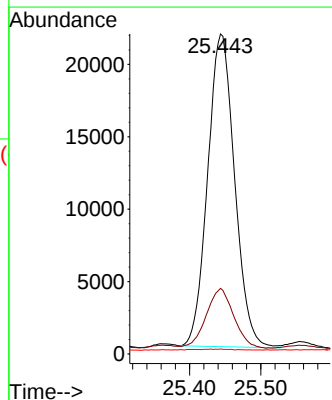
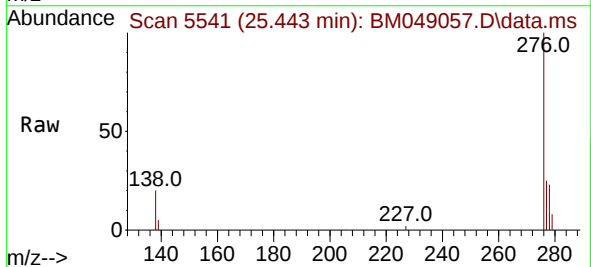
Instrument :
BNA_M
ClientSampleId :
E28R0DL

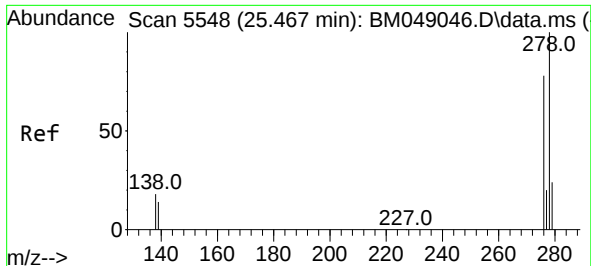
Tgt Ion:252 Resp: 55217
Ion Ratio Lower Upper
252 100
253 25.4 22.4 33.6
125 13.8 14.8 22.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.549 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:276 Resp: 56807
Ion Ratio Lower Upper
276 100
138 19.7 17.4 26.2
227 0.4 0.2 0.2#

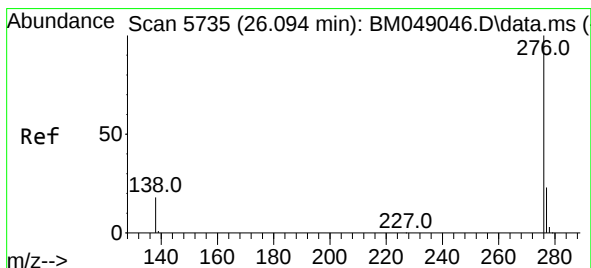
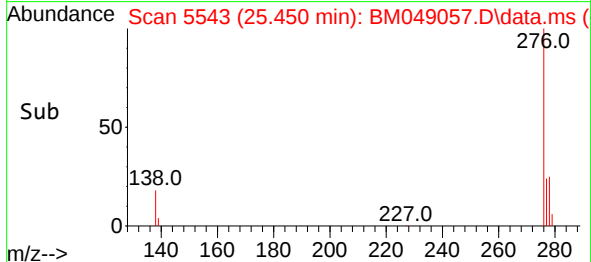
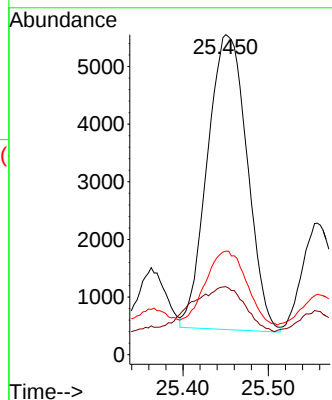
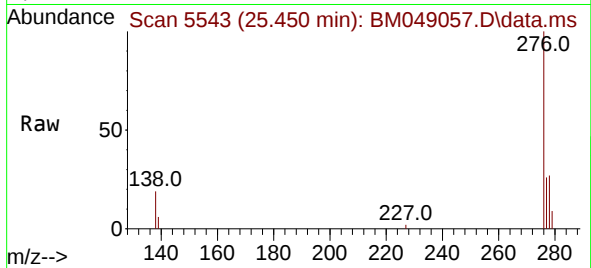




#28
Dibenzo(a,h)anthracene
Concen: 0.206 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Instrument :
BNA_M
ClientSampleId :
E28R0DL

Tgt Ion:278 Resp: 16566
Ion Ratio Lower Upper
278 100
139 21.3 13.5 20.3#
279 32.4 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 26.097 min Scan# 5736
Delta R.T. 0.003 min
Lab File: BM049057.D
Acq: 18 Dec 2024 19:48

Tgt Ion:276 Resp: 8916
Ion Ratio Lower Upper
276 100
138 28.8 16.7 25.1#
277 31.9 19.9 29.9#

