

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045924.D
 Acq On : 08 Jun 2024 19:53
 Operator : MA/JU
 Sample : P2640-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C20

Quant Time: Jun 10 01:29:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

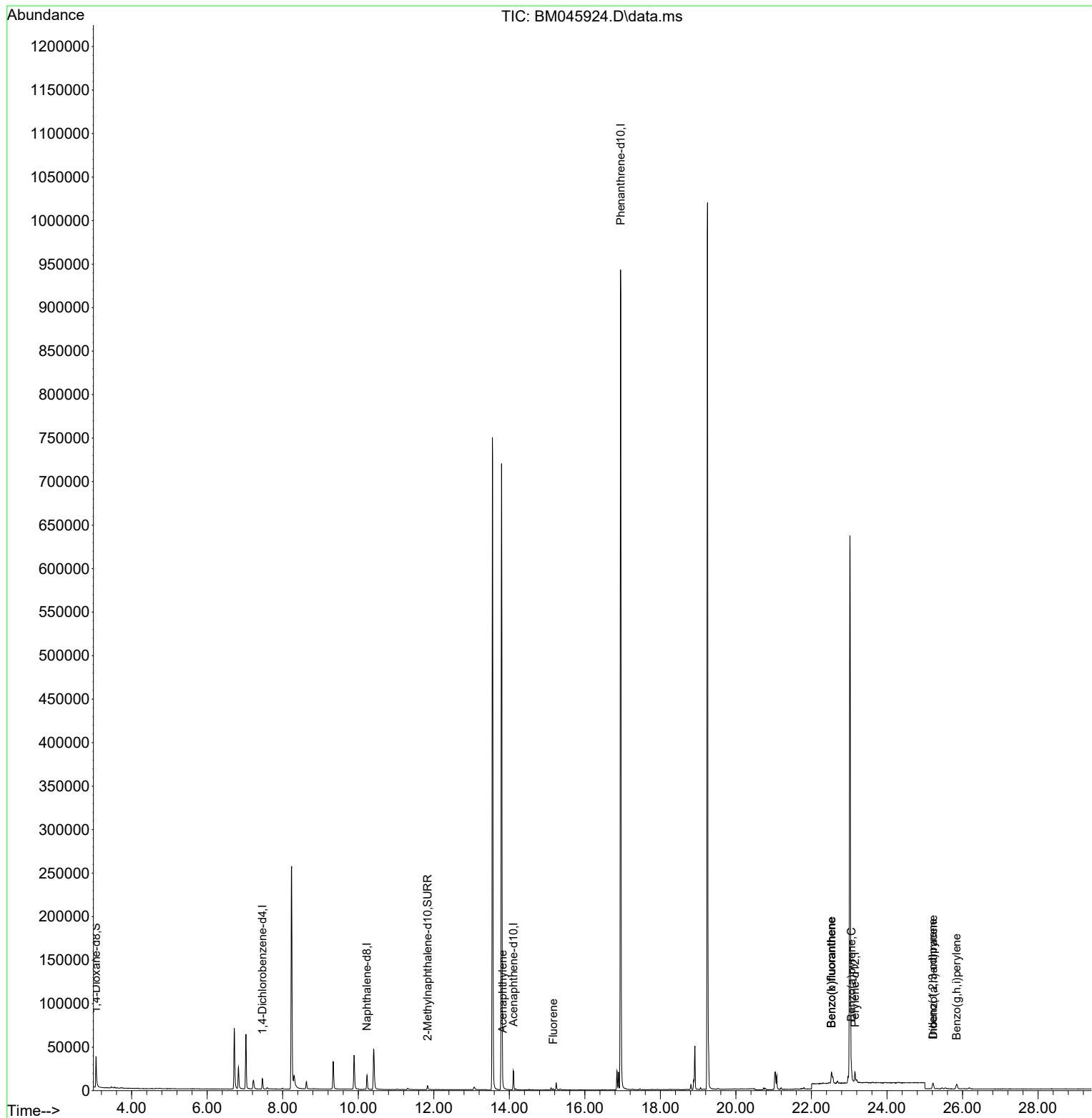
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6107	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	21223	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	11775	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.946	188	1078273	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.151	264	18196	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	22234	3.197	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	6510	0.213	ng/ul	-0.01
18) Fluoranthene-d10	18.880	212	11905	0.000	ng/ul	-0.01
Target Compounds						Qvalue
10) Acenaphthylene	13.825	152	1809	0.034	ng/ul#	88
12) Fluorene	15.162	166	912	0.021	ng/ul#	93
24) Benzo(b)fluoranthene	22.531	252	28048	0.465	ng/ul	93
25) Benzo(k)fluoranthene	22.531	252	28048	0.423	ng/ul#	92
26) Benzo(a)pyrene	23.057	252	13279	0.221	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.216	276	10622	0.137	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.226	278	2456	0.040	ng/ul#	21
29) Benzo(g,h,i)perylene	25.843	276	10824	0.162	ng/ul	94

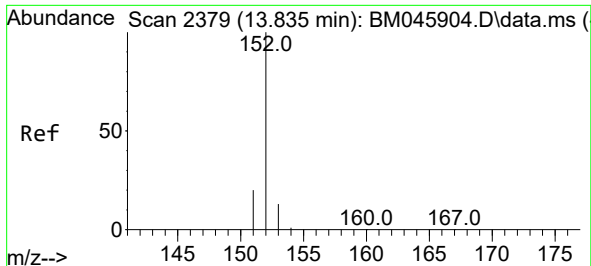
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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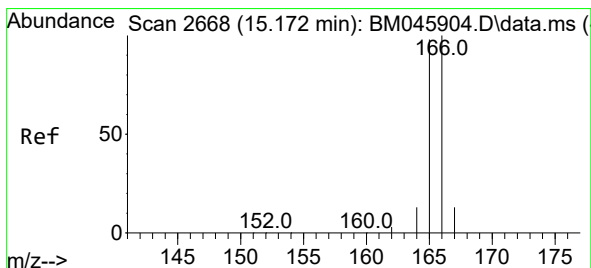
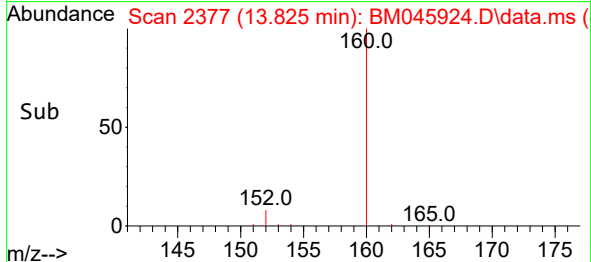
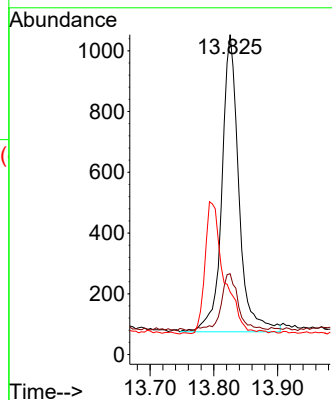
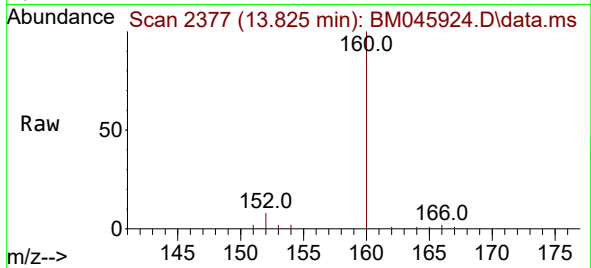




#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.825 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

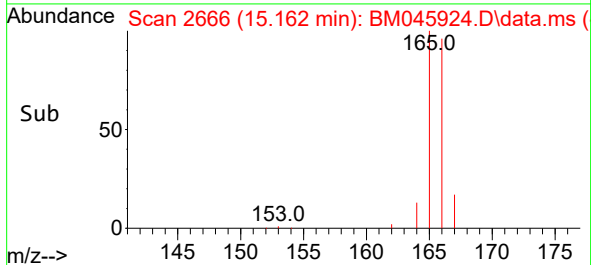
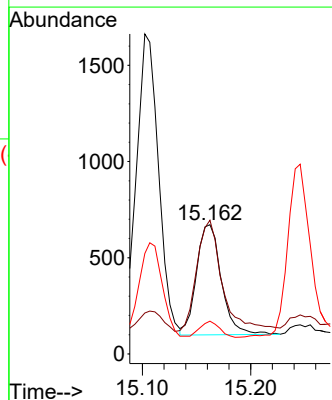
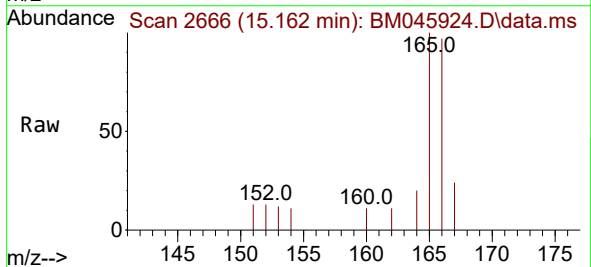
Instrument :
BNA_M
ClientSampleId :
A4C20

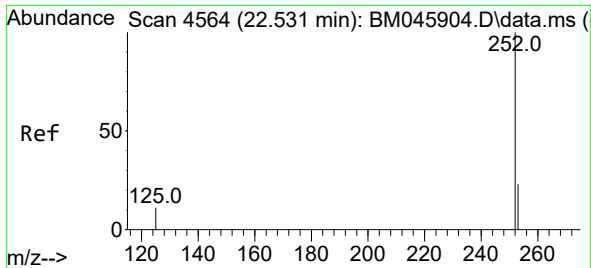
Tgt Ion:152 Resp: 1809
Ion Ratio Lower Upper
152 100
151 25.3 16.4 24.6#
153 19.6 11.1 16.7#



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

Tgt Ion:166 Resp: 912
Ion Ratio Lower Upper
166 100
165 103.4 79.7 119.5
167 25.3 11.3 16.9#

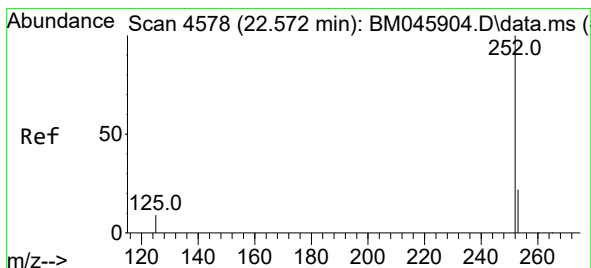
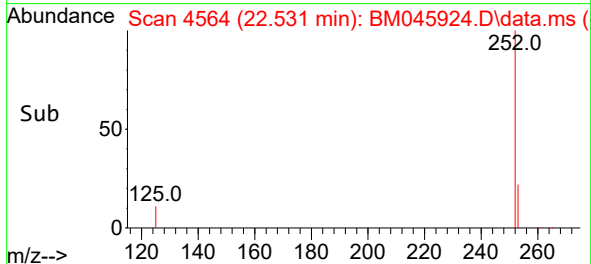
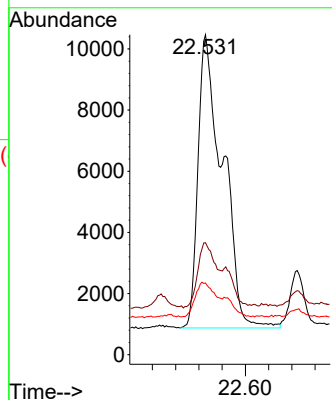
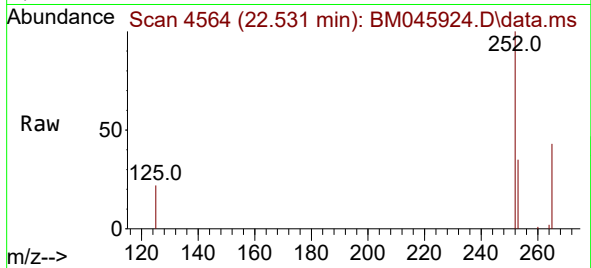




#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

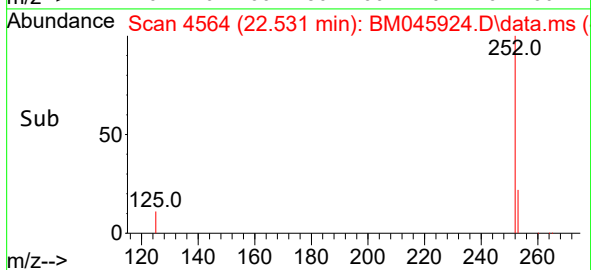
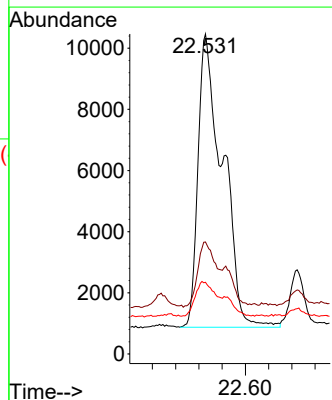
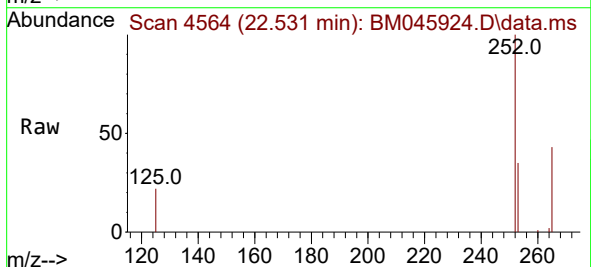
Instrument :
BNA_M
ClientSampleId :
A4C20

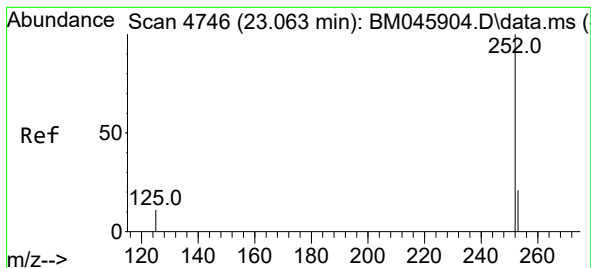
Tgt Ion:	252	Resp:	28048
Ion Ratio	Lower	Upper	
252	100		
253	35.0	0.0	63.6
125	22.4	0.0	35.8



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.050 min
Lab File: BM045924.D
Acq: 08 Jun 2024 19:53

Tgt Ion:	252	Resp:	28048
Ion Ratio	Lower	Upper	
252	100		
253	35.0	25.0	37.6
125	22.4	14.2	21.2#





#26

Benzo(a)pyrene

Concen: 0.221 ng/ul

RT: 23.057 min Scan# 4744

Delta R.T. -0.015 min

Lab File: BM045924.D

Acq: 08 Jun 2024 19:53

Instrument :

BNA_M

ClientSampleId :

A4C20

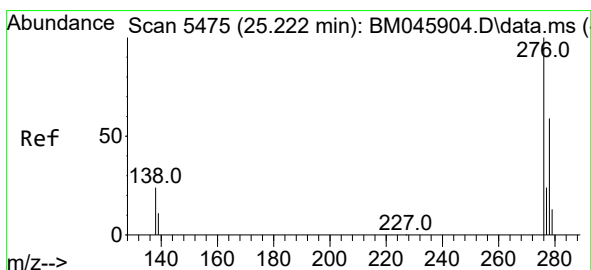
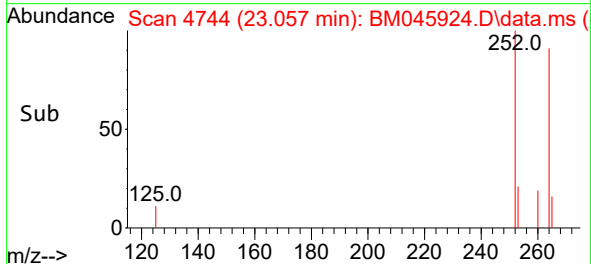
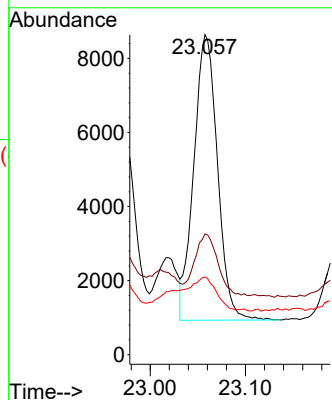
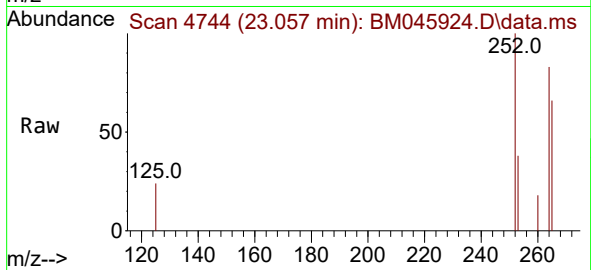
Tgt Ion:252 Resp: 13279

Ion Ratio Lower Upper

252 100

253 37.8 28.8 43.2

125 24.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.137 ng/ul

RT: 25.216 min Scan# 5473

Delta R.T. -0.016 min

Lab File: BM045924.D

Acq: 08 Jun 2024 19:53

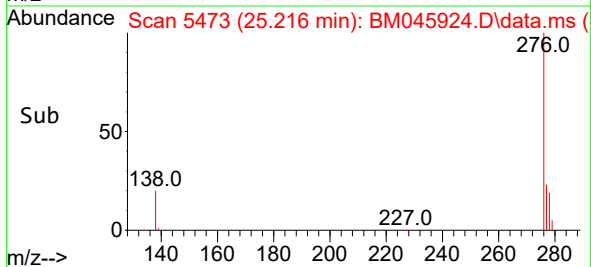
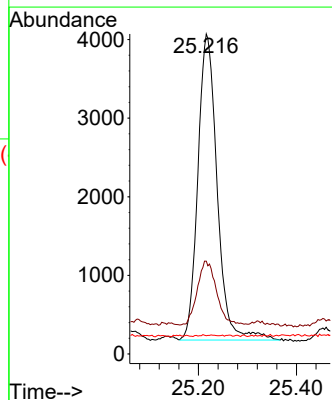
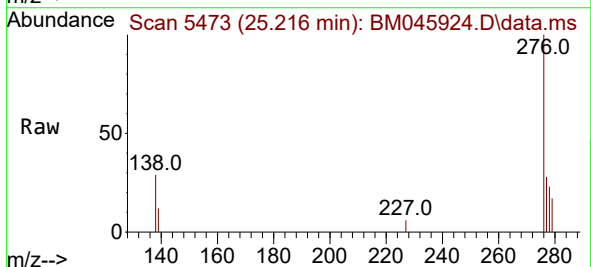
Tgt Ion:276 Resp: 10622

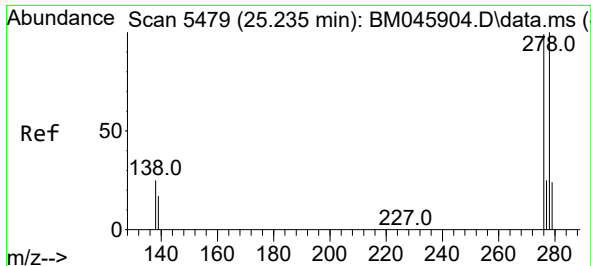
Ion Ratio Lower Upper

276 100

138 20.8 20.7 31.1

227 0.1 0.2 0.2#

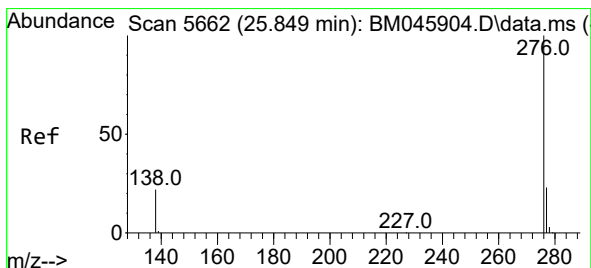
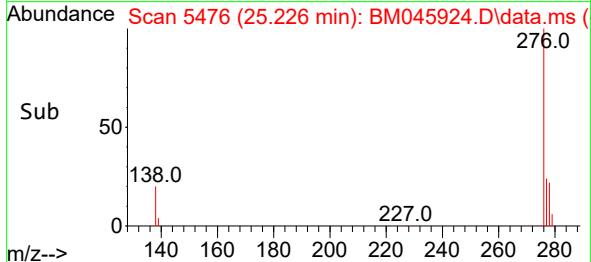
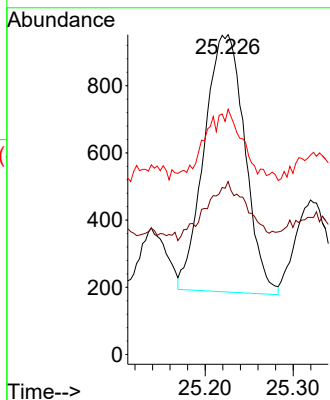
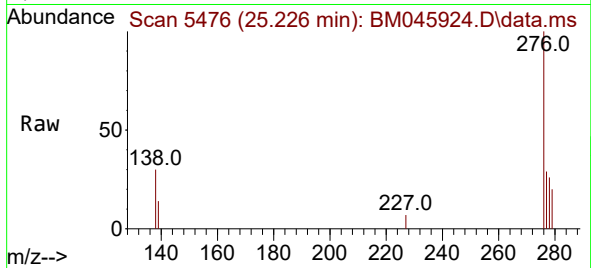




#28
 Dibenzo(a,h)anthracene
 Concen: 0.040 ng/ul
 RT: 25.226 min Scan# 5479
 Delta R.T. -0.023 min
 Lab File: BM045924.D
 Acq: 08 Jun 2024 19:53

Instrument :
 BNA_M
 ClientSampleId :
 A4C20

Tgt Ion:278 Resp: 2456
 Ion Ratio Lower Upper
 278 100
 139 54.1 16.6 25.0#
 279 76.7 24.6 37.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.162 ng/ul
 RT: 25.843 min Scan# 5660
 Delta R.T. -0.020 min
 Lab File: BM045924.D
 Acq: 08 Jun 2024 19:53

Tgt Ion:276 Resp: 10824
 Ion Ratio Lower Upper
 276 100
 138 30.2 21.0 31.4
 277 27.8 20.5 30.7

