

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045958.D
 Acq On : 10 Jun 2024 19:34
 Operator : MA/JU
 Sample : P2642-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH2

Quant Time: Jun 10 22:48:38 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 : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

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

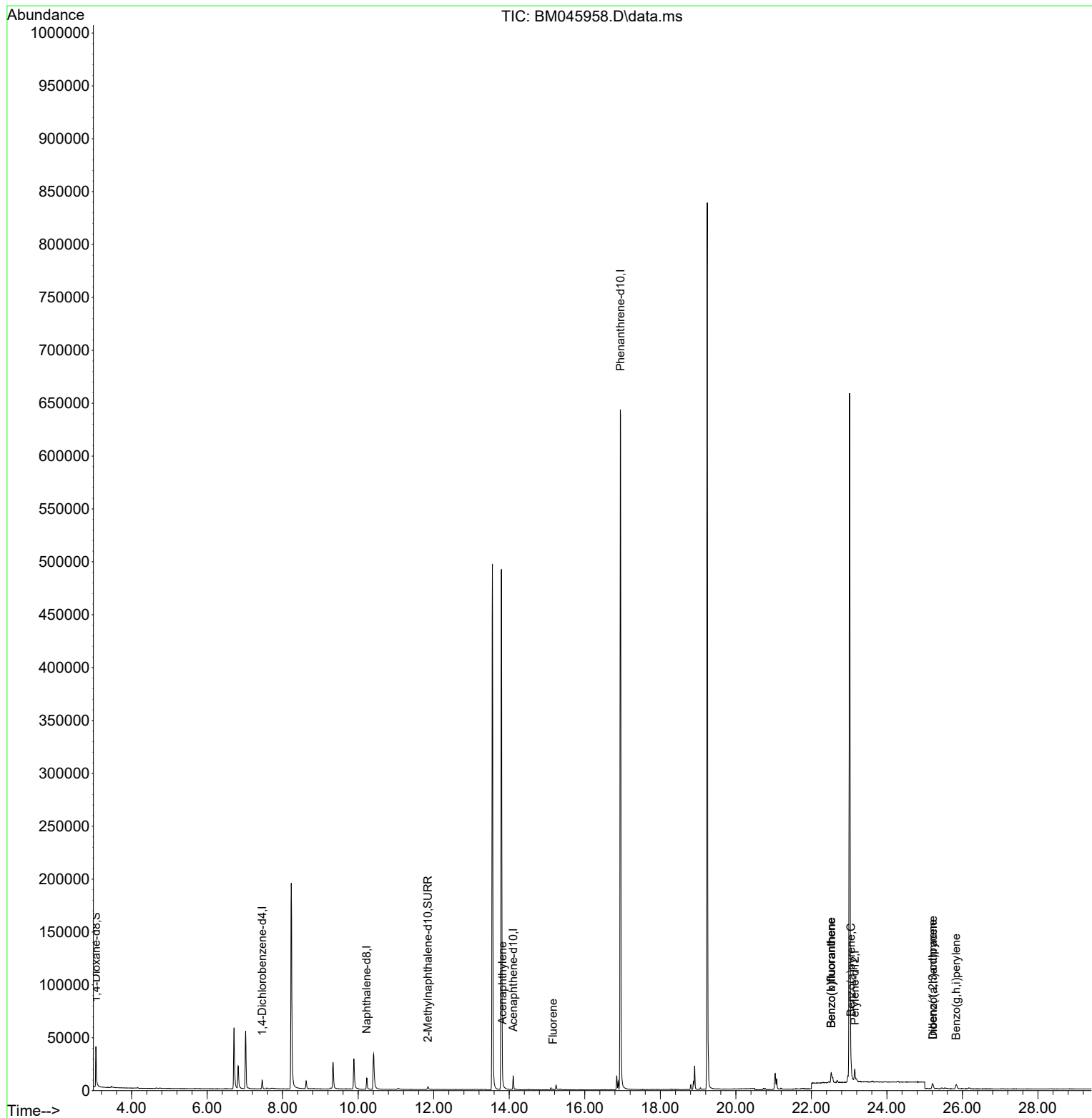
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	4467	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.226	136	14312	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.107	164	7228	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.946	188	762351	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.148	264	17964	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	22154	4.354	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.842	152	4717	0.229	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	9112	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.821	152	2800	0.085	ng/ul#	92
12) Fluorene	15.158	166	572	0.021	ng/ul#	95
24) Benzo(b)fluoranthene	22.525	252	20002	0.336	ng/ul	86
25) Benzo(k)fluoranthene	22.525	252	20002	0.305	ng/ul#	85
26) Benzo(a)pyrene	23.051	252	9619	0.162	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.212	276	8189	0.107	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.219	278	1915	0.031	ng/ul#	20
29) Benzo(g,h,i)perylene	25.836	276	8275	0.125	ng/ul	93

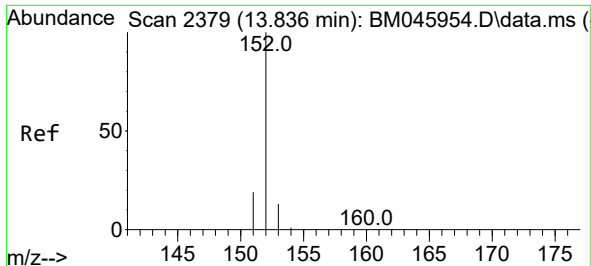
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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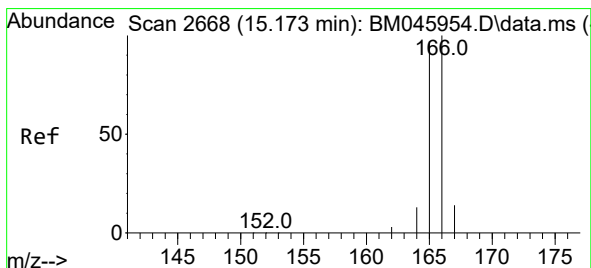
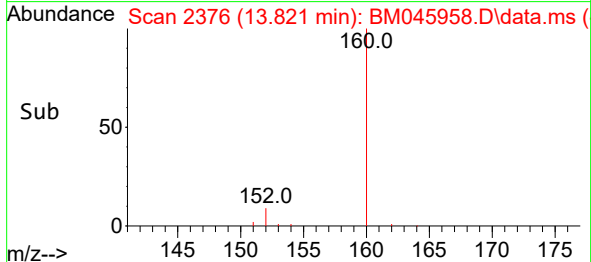
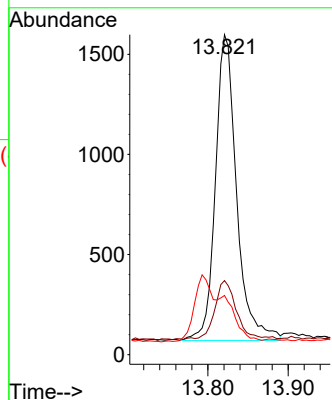
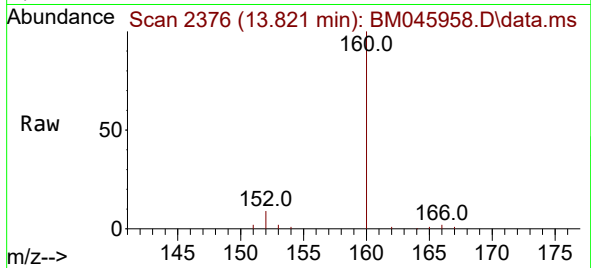




#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.821 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

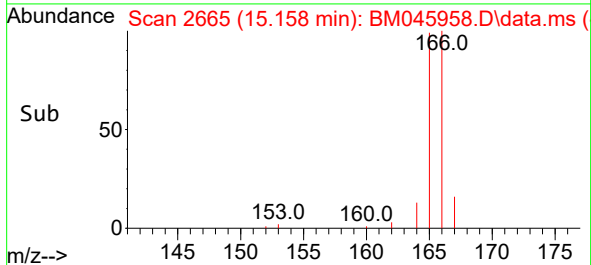
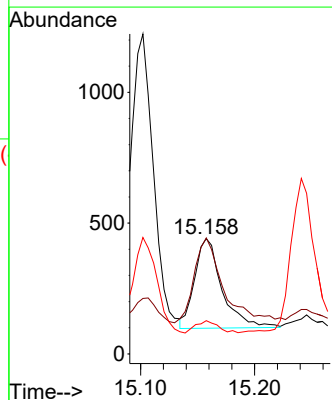
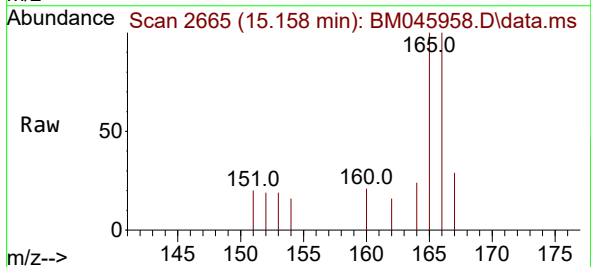
Instrument :
BNA_M
ClientSampleId :
A4BH2

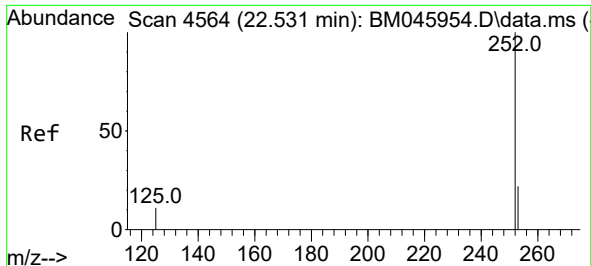
Tgt Ion:152 Resp: 2800
Ion Ratio Lower Upper
152 100
151 23.2 16.4 24.6
153 18.5 11.1 16.7#



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Tgt Ion:166 Resp: 572
Ion Ratio Lower Upper
166 100
165 100.5 79.7 119.5
167 28.8 11.3 16.9#

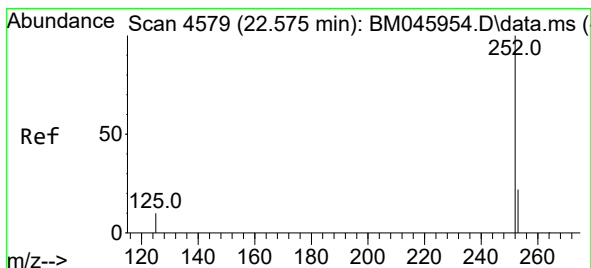
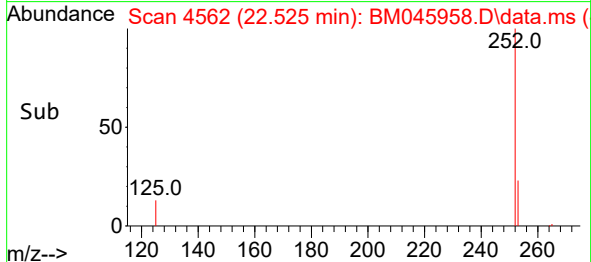
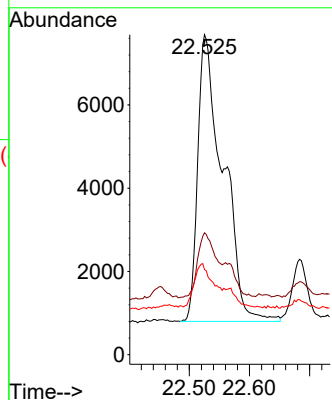
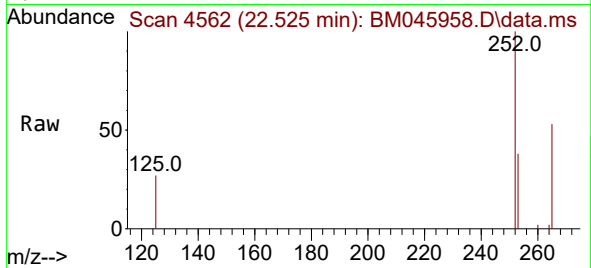




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

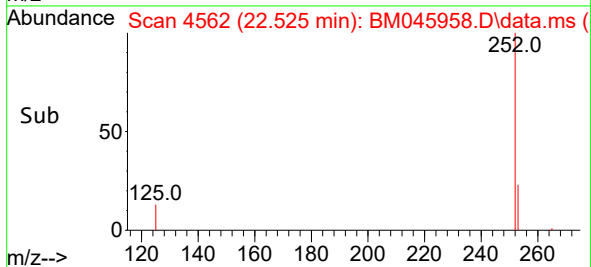
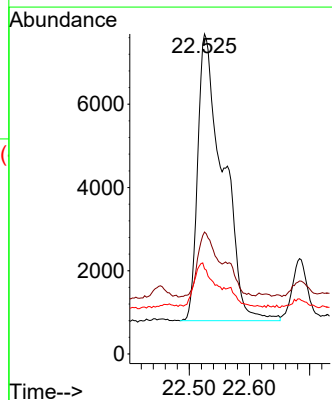
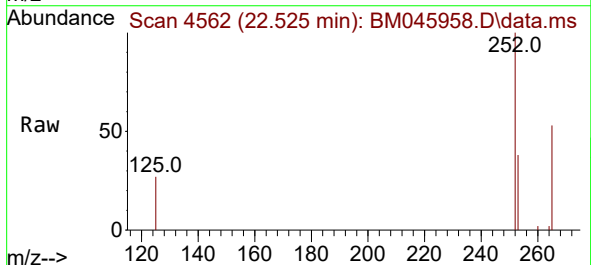
Instrument :
BNA_M
ClientSampleId :
A4BH2

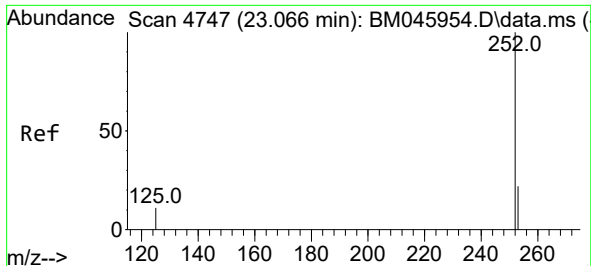
Tgt Ion:252 Resp: 20002
Ion Ratio Lower Upper
252 100
253 38.1 0.0 63.6
125 26.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 22.525 min Scan# 4562
Delta R.T. -0.056 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Tgt Ion:252 Resp: 20002
Ion Ratio Lower Upper
252 100
253 38.1 25.0 37.6#
125 26.6 14.2 21.2#

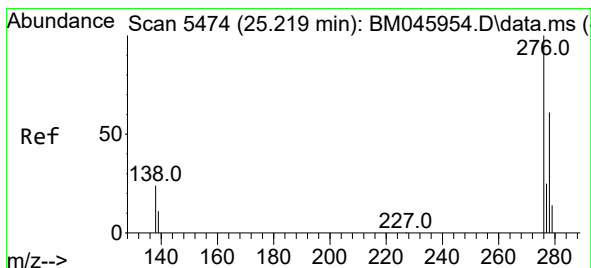
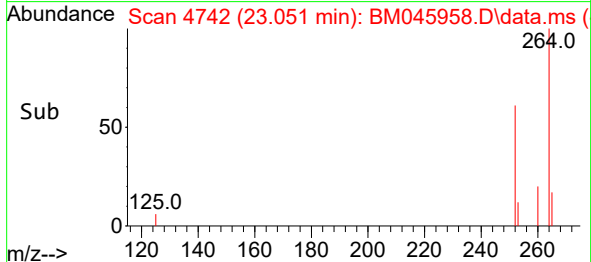
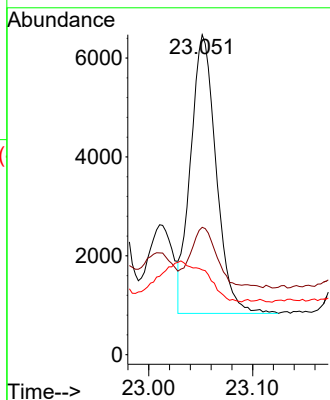
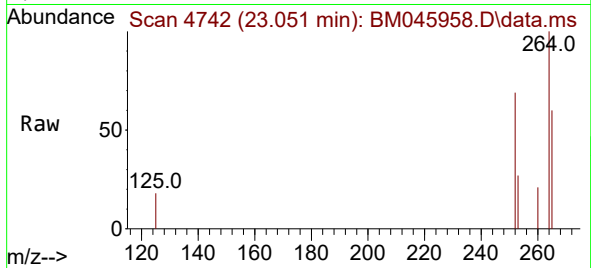




#26
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 23.051 min Scan# 4742
Delta R.T. -0.021 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

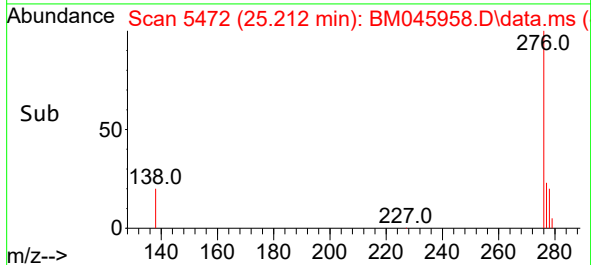
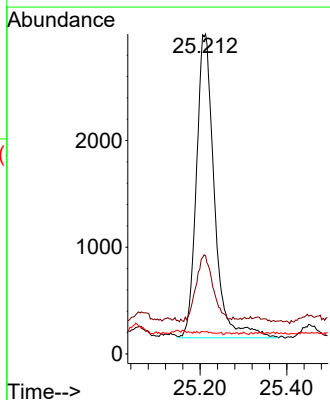
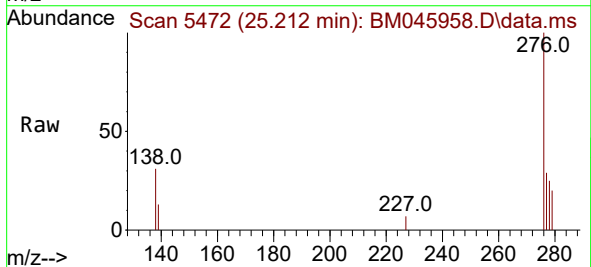
Instrument :
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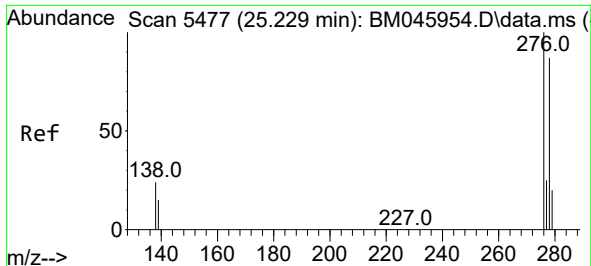
Tgt Ion:252 Resp: 9619
Ion Ratio Lower Upper
252 100
253 39.8 28.8 43.2
125 26.5 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.212 min Scan# 5472
Delta R.T. -0.020 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Tgt Ion:276 Resp: 8189
Ion Ratio Lower Upper
276 100
138 20.6 20.7 31.1#
227 0.4 0.2 0.2#

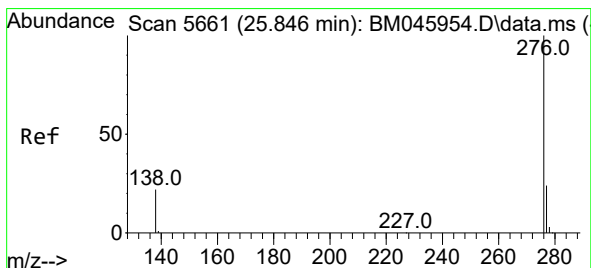
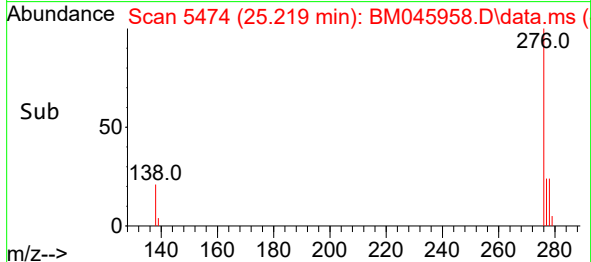
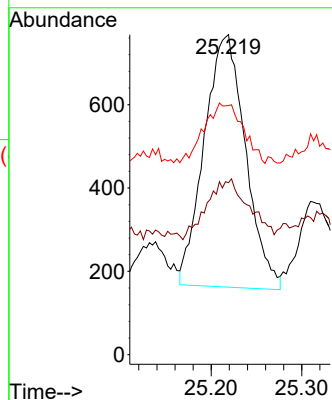
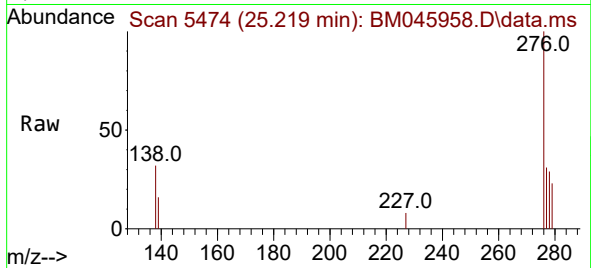




#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.219 min Scan# 54
Delta R.T. -0.030 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Instrument :
BNA_M
ClientSampleId :
A4BH2

Tgt Ion:278 Resp: 1915
Ion Ratio Lower Upper
278 100
139 53.8 16.6 25.0#
279 77.9 24.6 37.0#



#29
Benzo(g,h,i)perylene
Concen: 0.125 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Tgt Ion:276 Resp: 8275
Ion Ratio Lower Upper
276 100
138 30.7 21.0 31.4
277 28.6 20.5 30.7

