

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045967.D
 Acq On : 11 Jun 2024 01:00
 Operator : MA/JU
 Sample : P2642-11DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B35DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 01:31:02 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	7.459	152	4601	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	14348	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	8184	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	16275	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	13421	0.400	ng/ul	0.00
23) Perylene-d12	23.145	264	14511m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	4634	0.884	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.855	152	968	0.047	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	2093	0.052	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	759	0.020	ng/ul#	65
10) Acenaphthylene	13.827	152	1140	0.031	ng/ul#	80
11) Acenaphthene	14.174	153	902	0.033	ng/ul	95
12) Fluorene	15.159	166	1052	0.034	ng/ul#	95
15) Phenanthrene	16.888	178	22762	0.498	ng/ul	100
16) Anthracene	16.981	178	4196	0.108	ng/ul#	90
19) Fluoranthene	18.909	202	48924	0.914	ng/ul	98
20) Pyrene	19.272	202	39376	0.705	ng/ul	97
21) Benzo(a)anthracene	21.026	228	19802	0.402	ng/ul	97
22) Chrysene	21.076	228	24750m	0.461	ng/ul	
24) Benzo(b)fluoranthene	22.525	252	32891m	0.683	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	11986m	0.227	ng/ul	
26) Benzo(a)pyrene	23.051	252	15125	0.316	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.205	276	14217	0.230	ng/ul	90
28) Dibenzo(a,h)anthracene	25.209	278	3620	0.073	ng/ul#	68
29) Benzo(g,h,i)perylene	25.832	276	2371	0.044	ng/ul#	69

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

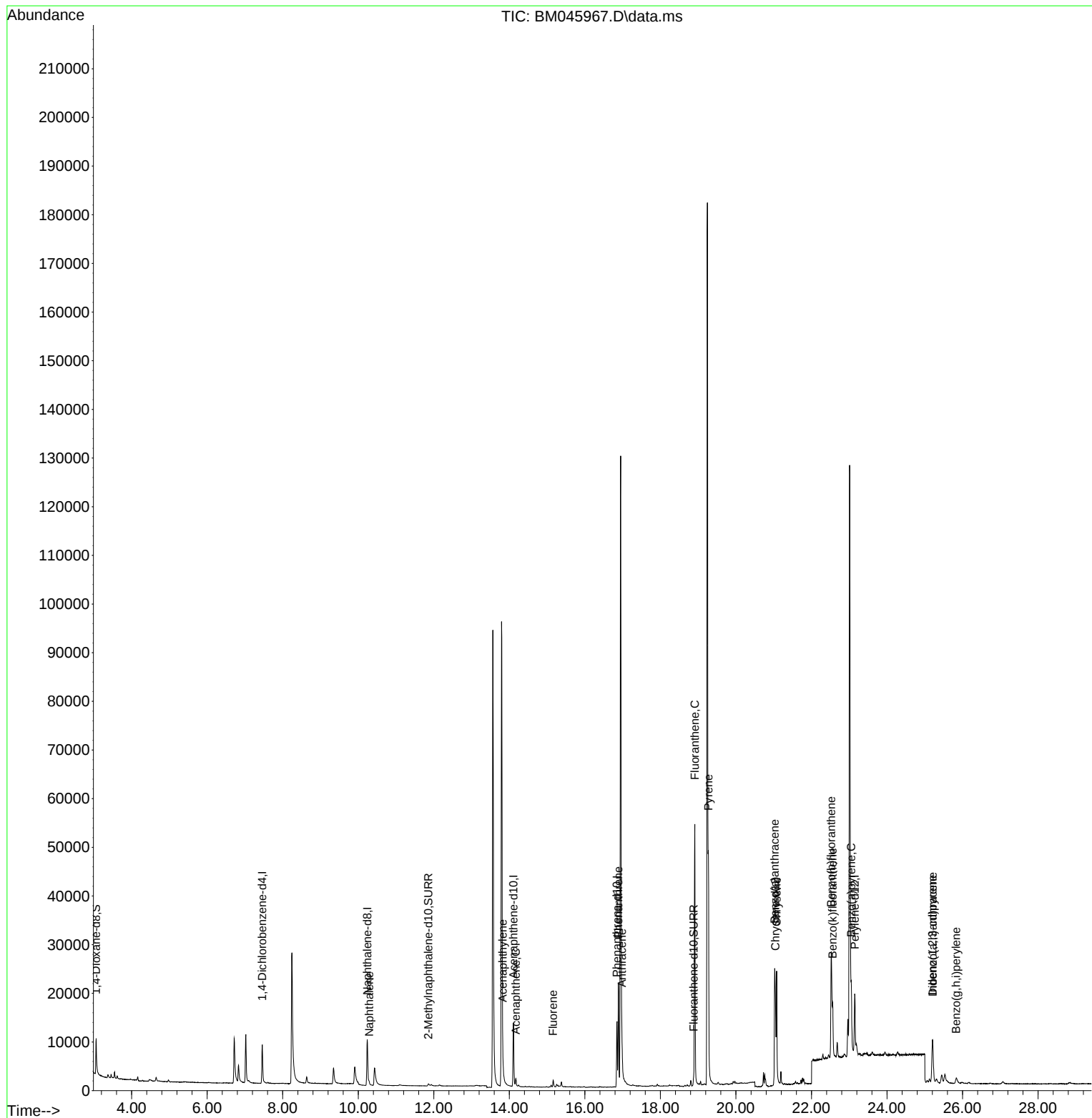
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045967.D
Acq On : 11 Jun 2024 01:00
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ALS Vial : 27 Sample Multiplier: 1

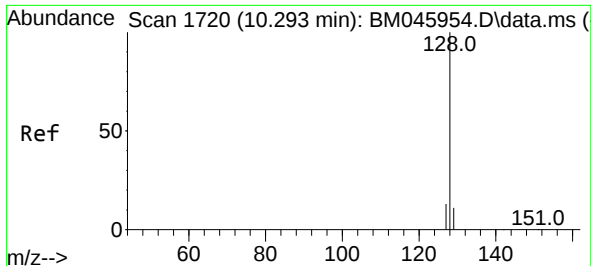
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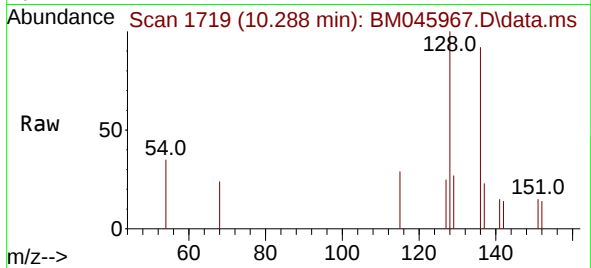
Quant Time: Jun 11 01:31:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

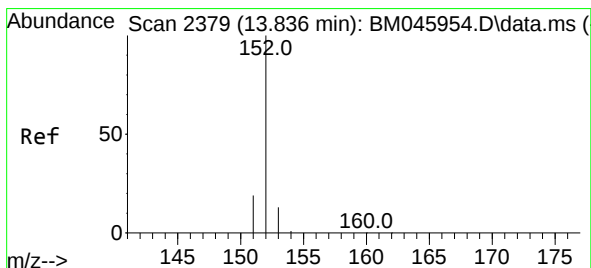
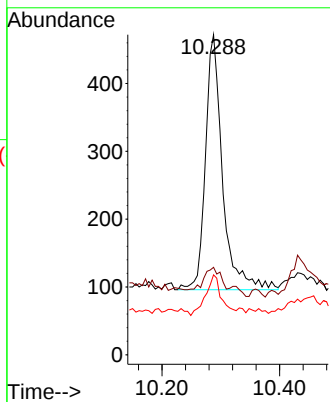
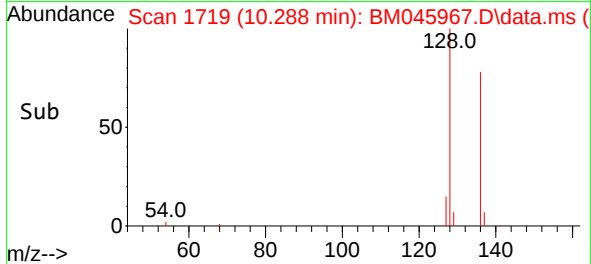
Instrument :
BNA_M
ClientSampleId :
A4B35DL



Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
129 27.3 9.4 14.0#
127 25.0 10.6 15.8#

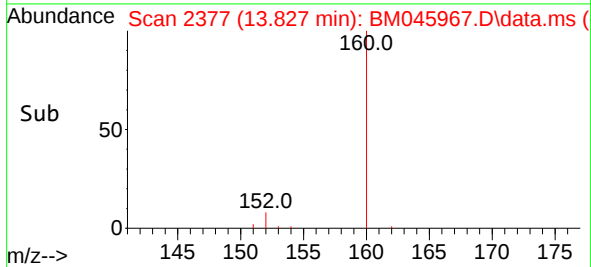
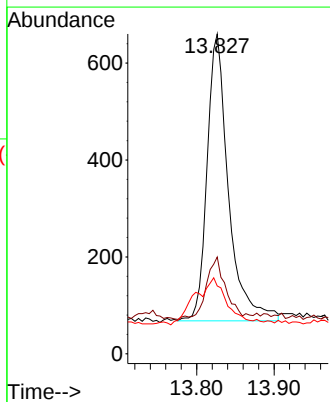
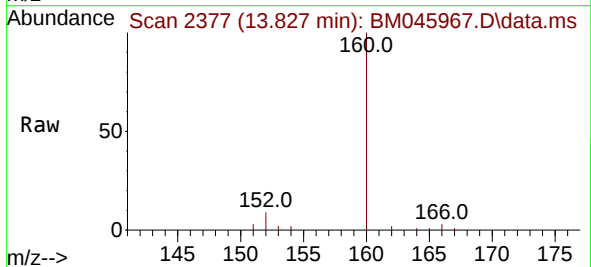
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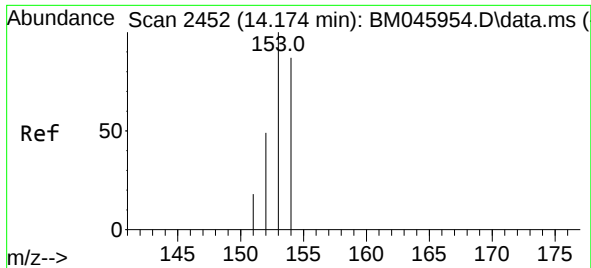
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

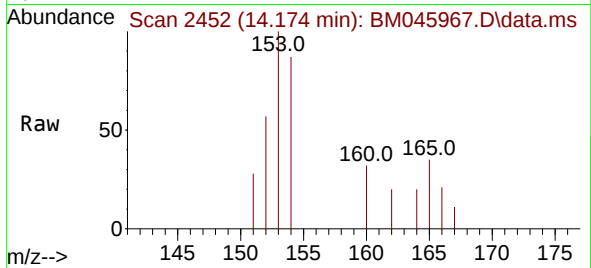
Tgt Ion:152 Resp: 1140
Ion Ratio Lower Upper
152 100
151 30.3 16.4 24.6#
153 21.2 11.1 16.7#





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.174 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

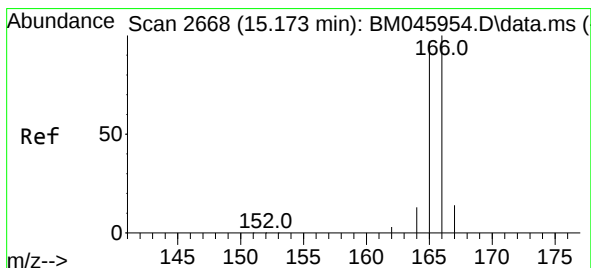
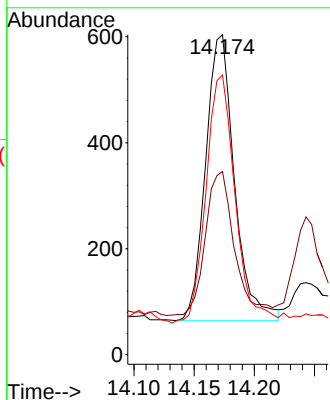
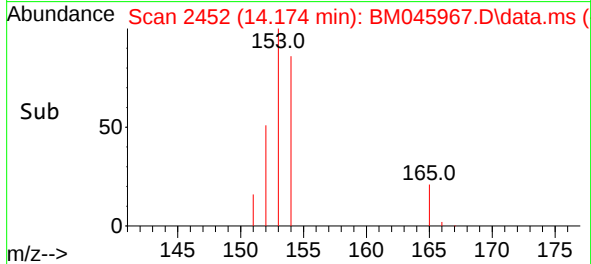
Instrument :
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Tgt Ion:153 Resp: 902
Ion Ratio Lower Upper
153 100
152 57.3 39.0 58.4
154 87.4 69.4 104.2

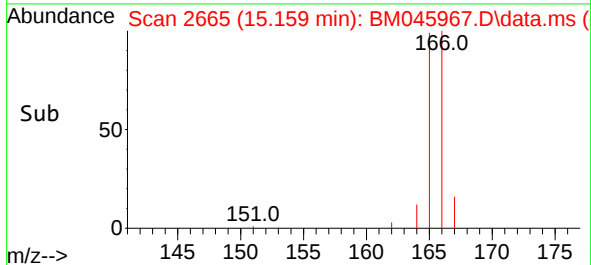
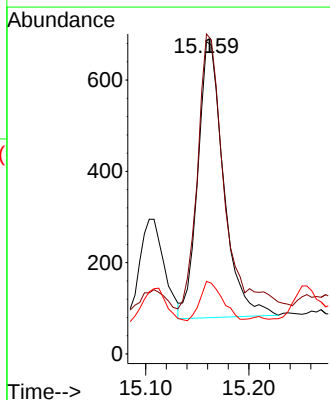
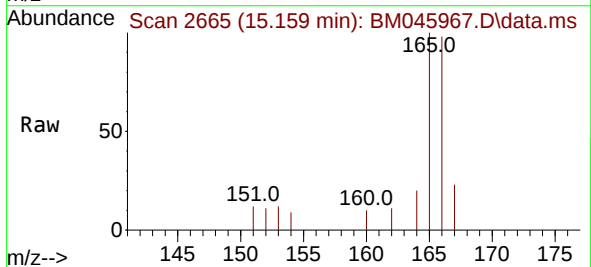
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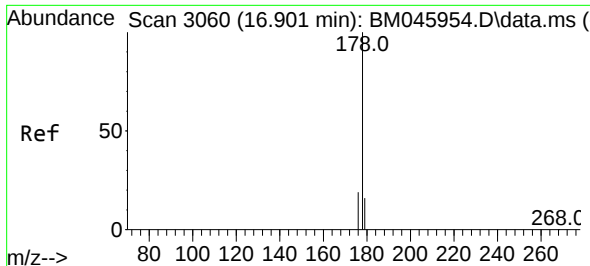
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.034 ng/u1
RT: 15.159 min Scan# 2665
Delta R.T. -0.017 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

Tgt Ion:166 Resp: 1052
Ion Ratio Lower Upper
166 100
165 102.5 79.7 119.5
167 23.2 11.3 16.9#





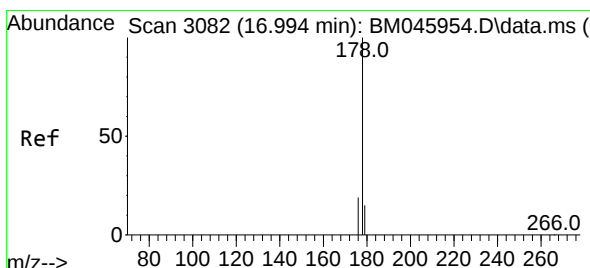
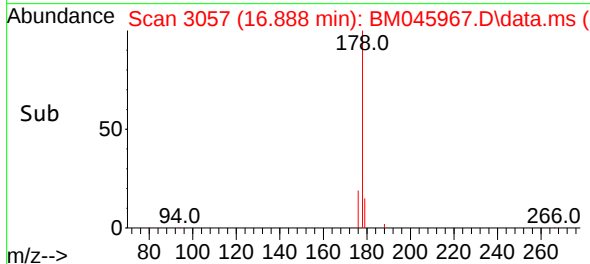
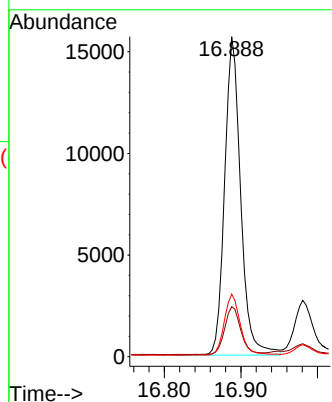
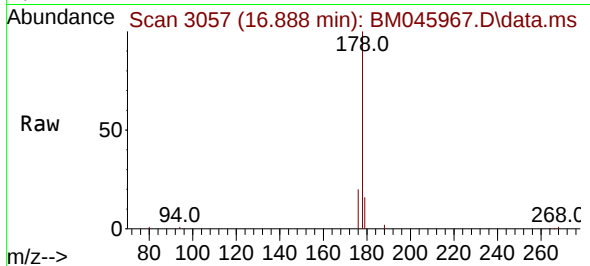
#15
Phenanthrene
Concen: 0.498 ng/u1
RT: 16.888 min Scan# 3057
Delta R.T. -0.016 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

Instrument :
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ClientSampleId :
A4B35DL

Tgt Ion:178 Resp: 2276
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.6 15.6 23.4

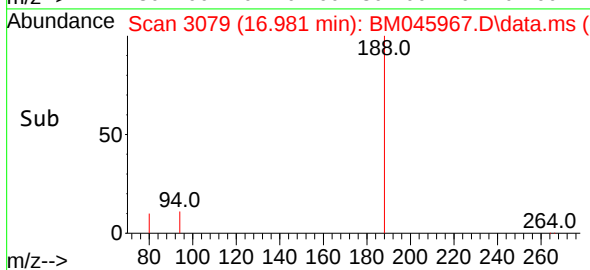
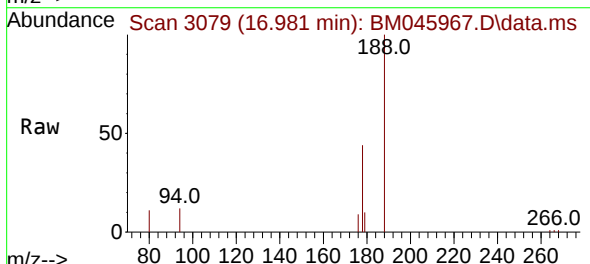
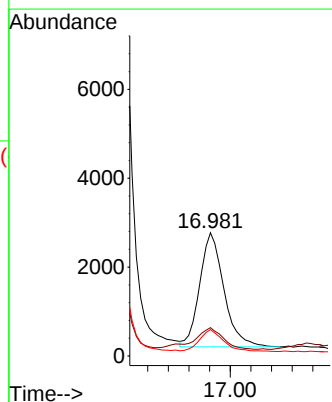
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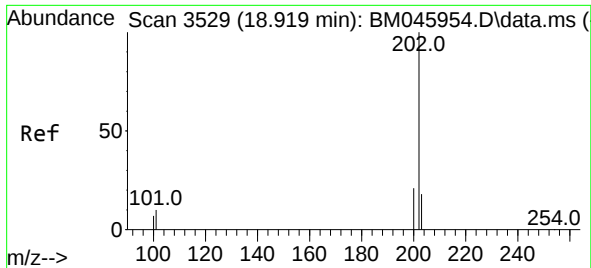
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.108 ng/u1
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

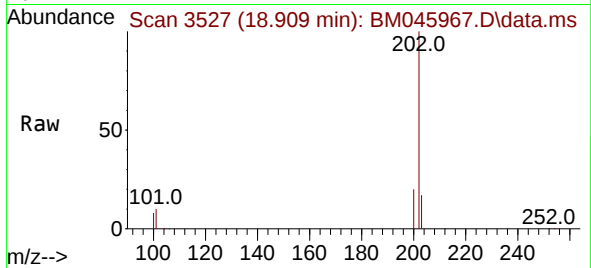
Tgt Ion:178 Resp: 4196
Ion Ratio Lower Upper
178 100
179 23.1 13.1 19.7#
176 21.4 15.5 23.3





#19
Fluoranthene
Concen: 0.914 ng/u1
RT: 18.909 min Scan# 3527
Delta R.T. -0.013 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

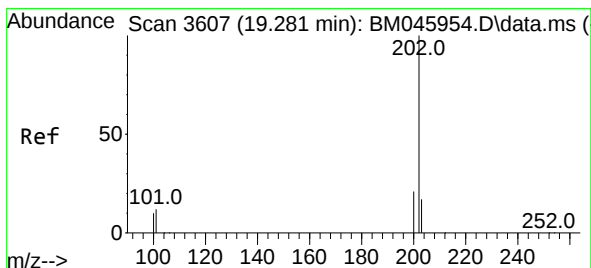
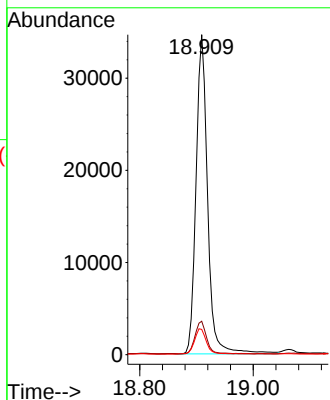
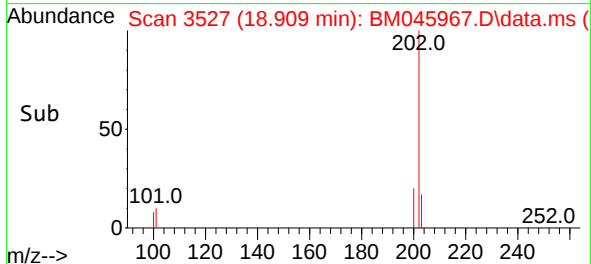
Instrument :
BNA_M
ClientSampleId :
A4B35DL



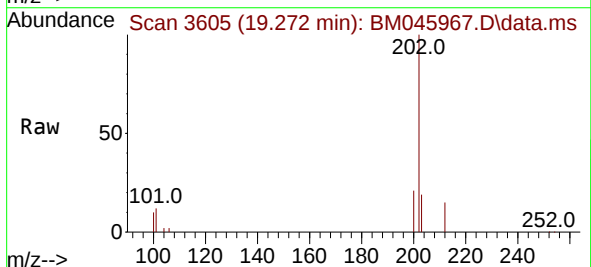
Tgt Ion:202 Resp: 48924
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.6
100 7.9 7.0 10.6

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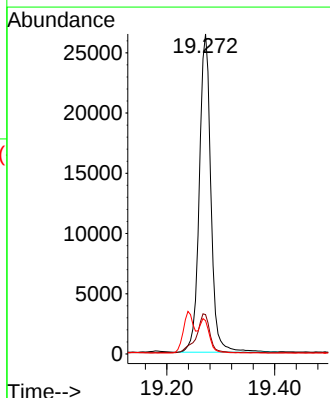
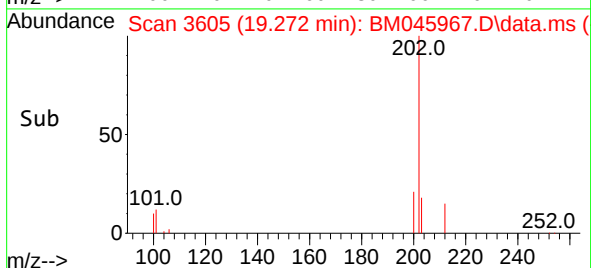
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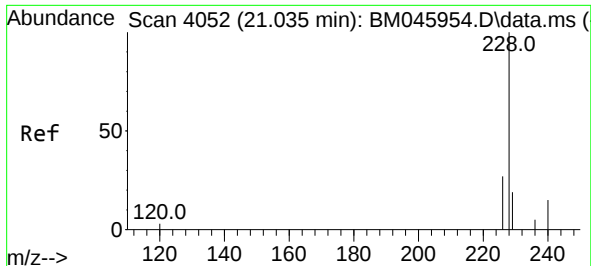


#20
Pyrene
Concen: 0.705 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00



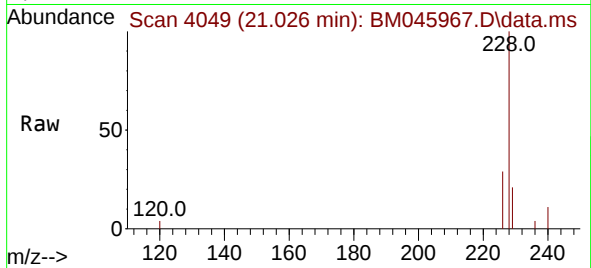
Tgt Ion:202 Resp: 39376
Ion Ratio Lower Upper
202 100
101 12.3 10.6 16.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.026 min Scan# 4052
Delta R.T. -0.009 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

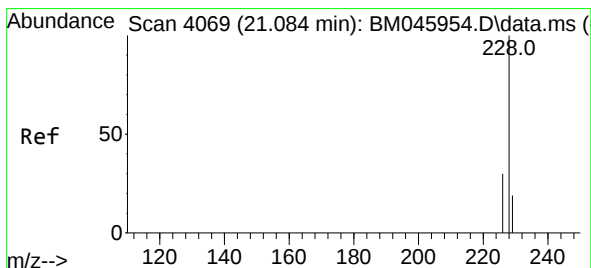
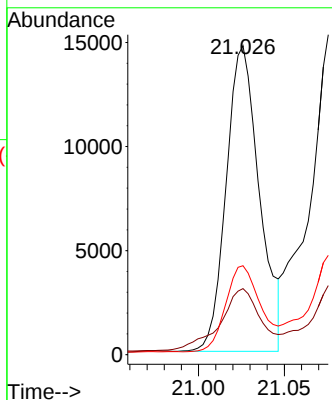
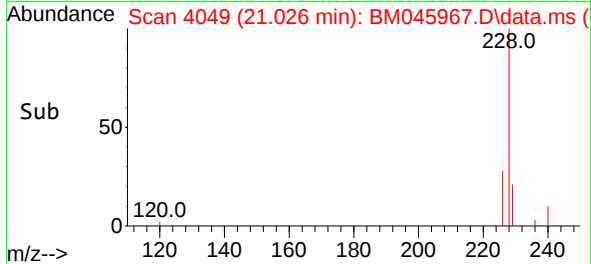
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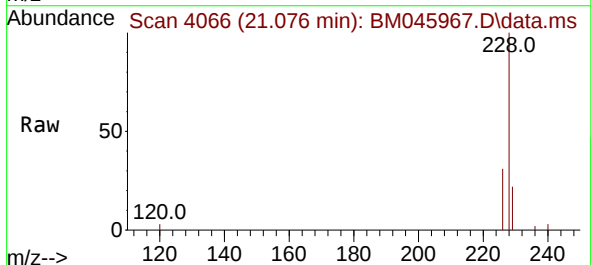
Tgt Ion:228 Resp: 1980
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.8 22.0 33.0

Manual Integrations
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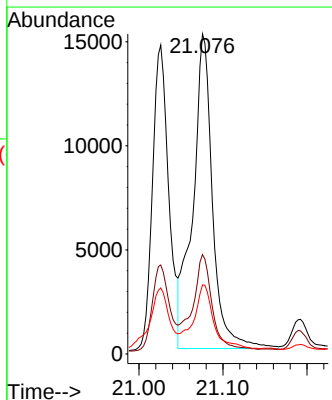
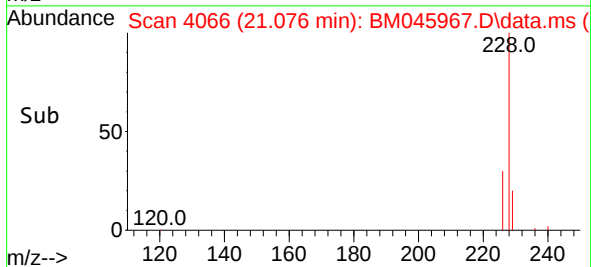
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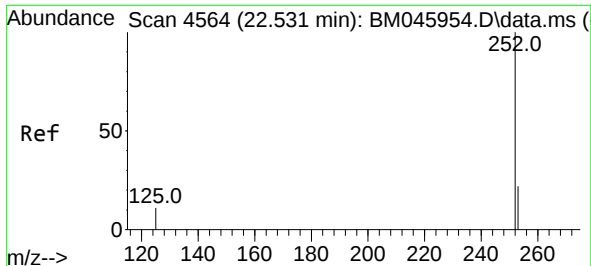


#22
Chrysene
Concen: 0.461 ng/ul m
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00



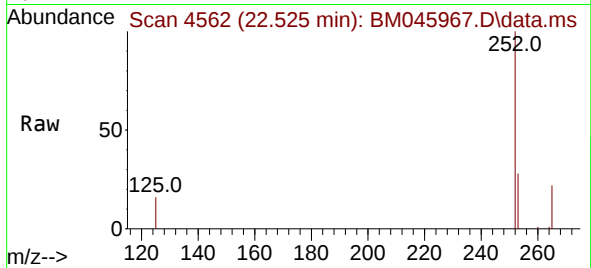
Tgt Ion:228 Resp: 24750
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 21.6 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.683 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

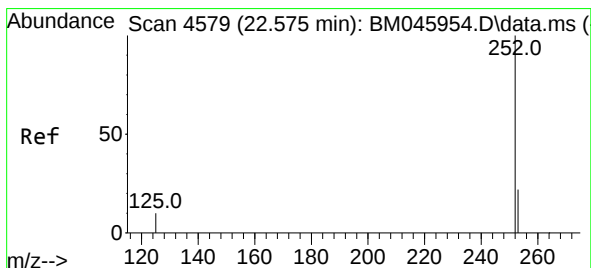
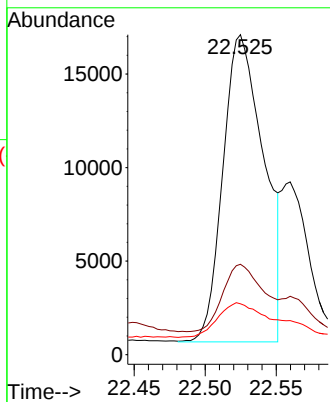
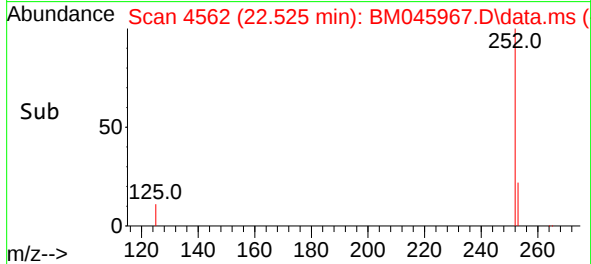
Instrument :
BNA_M
ClientSampleId :
A4B35DL



Tgt Ion:252 Resp: 3289
Ion Ratio Lower Upper
252 100
253 28.2 0.0 63.6
125 15.9 0.0 35.8

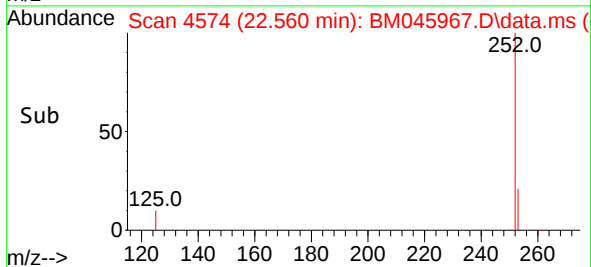
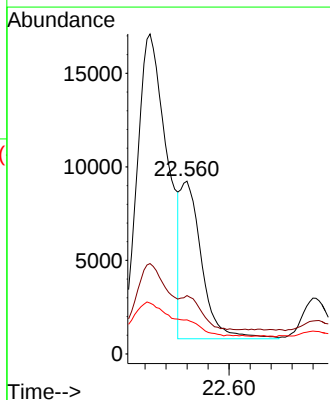
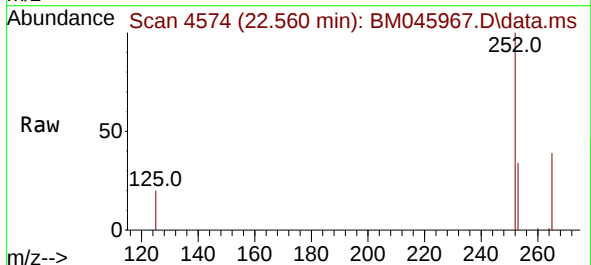
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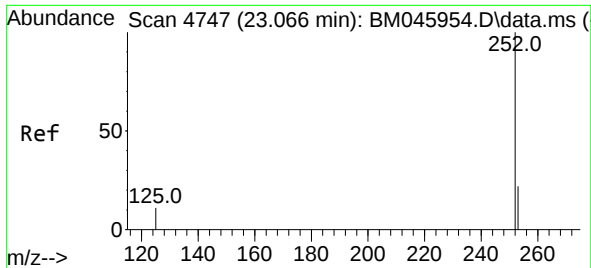
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.227 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.021 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

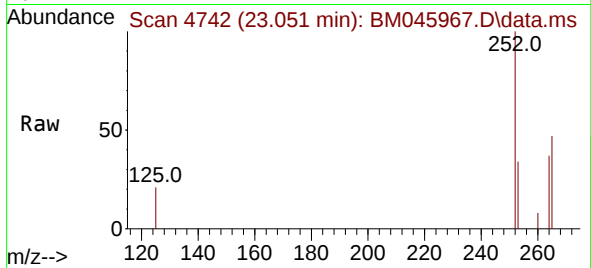
Tgt Ion:252 Resp: 11986
Ion Ratio Lower Upper
252 100
253 33.8 25.0 37.6
125 19.8 14.2 21.2





#26
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.051 min Scan# 4742
Delta R.T. -0.021 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

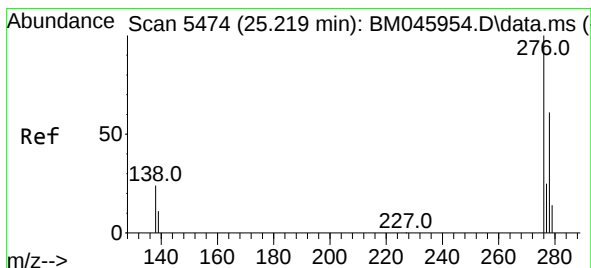
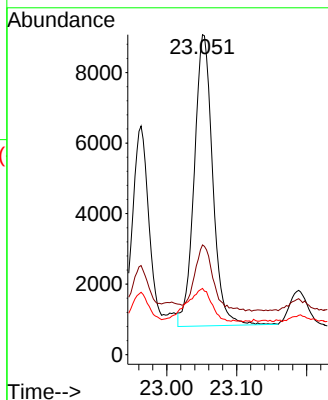
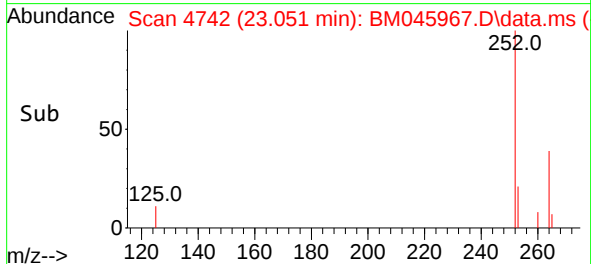
Instrument :
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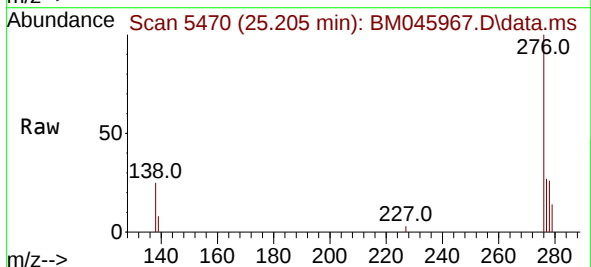
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Ion Ratio Lower Upper
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125 20.7 17.3 25.9

Manual Integrations
APPROVED

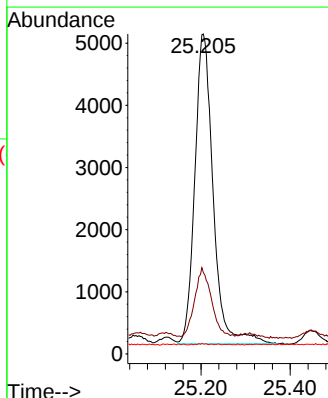
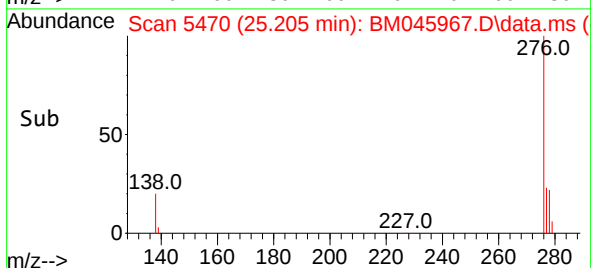
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

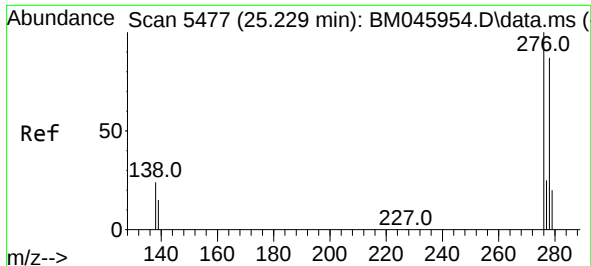


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng/ul
RT: 25.205 min Scan# 5470
Delta R.T. -0.027 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00



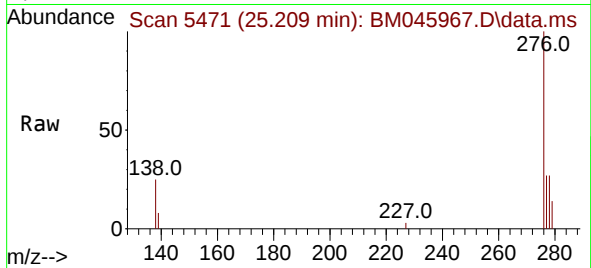
Tgt Ion:276 Resp: 14217
Ion Ratio Lower Upper
276 100
138 20.7 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.209 min Scan# 5477
Delta R.T. -0.040 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00

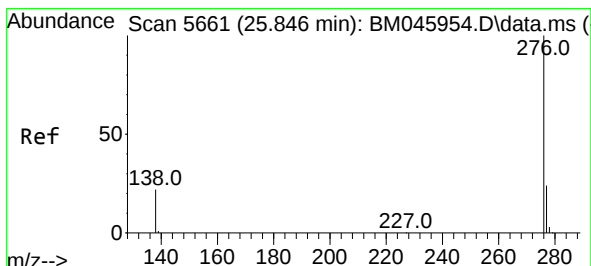
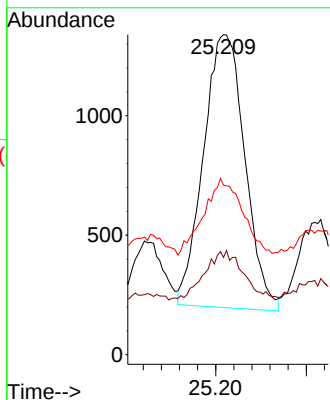
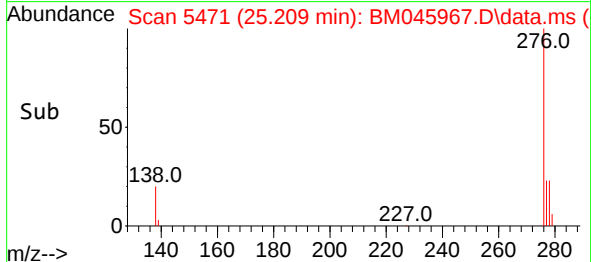
Instrument :
BNA_M
ClientSampleId :
A4B35DL



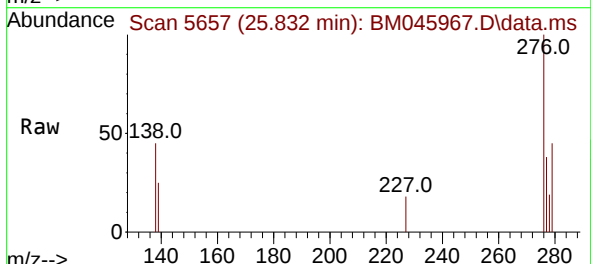
Tgt Ion: 278 Resp: 3620
Ion Ratio Lower Upper
278 100
139 30.4 16.6 25.0#
279 52.9 24.6 37.0#

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#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 25.832 min Scan# 5657
Delta R.T. -0.030 min
Lab File: BM045967.D
Acq: 11 Jun 2024 01:00



Tgt Ion: 276 Resp: 2371
Ion Ratio Lower Upper
276 100
138 44.6 21.0 31.4#
277 38.4 20.5 30.7#

