

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045619.D
 Acq On : 29 Apr 2024 14:02
 Operator : MA/JU
 Sample : P2154-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA397DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 29 14:31:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.336	136	2630	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.196	164	1375	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.976	188	2271	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	1639	0.400	ng/ul	0.00
23) Perylene-d12	23.379	264	2480	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	157	0.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	227	0.065	ng/ul	0.04
18) Fluoranthene-d10	19.020	212	370	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.391	128	2461	0.348	ng/ul	93
10) Acenaphthylene	13.918	152	6938	1.023	ng/ul	95
11) Acenaphthene	14.260	153	9784	1.943	ng/ul	96
12) Fluorene	15.274	166	6642	1.233	ng/ul#	98
15) Phenanthrene	17.018	178	4018	0.608	ng/ul	97
16) Anthracene	17.119	178	4062	0.656	ng/ul	97
19) Fluoranthene	19.048	202	2380	0.315	ng/ul	99
20) Pyrene	19.410	202	5009	0.644	ng/ul	94
21) Benzo(a)anthracene	21.182	228	3830	0.731	ng/ul	96
22) Chrysene	21.225	228	1575m	0.196	ng/ul	
24) Benzo(b)fluoranthene	22.727	252	2807	0.336	ng/ul	98
25) Benzo(k)fluoranthene	22.771	252	3417	0.324	ng/ul	97
26) Benzo(a)pyrene	23.294	252	2725	0.315	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.585	276	2745	0.218	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.592	278	4248	0.426	ng/ul	97
29) Benzo(g,h,i)perylene	26.242	276	3538	0.313	ng/ul	97

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

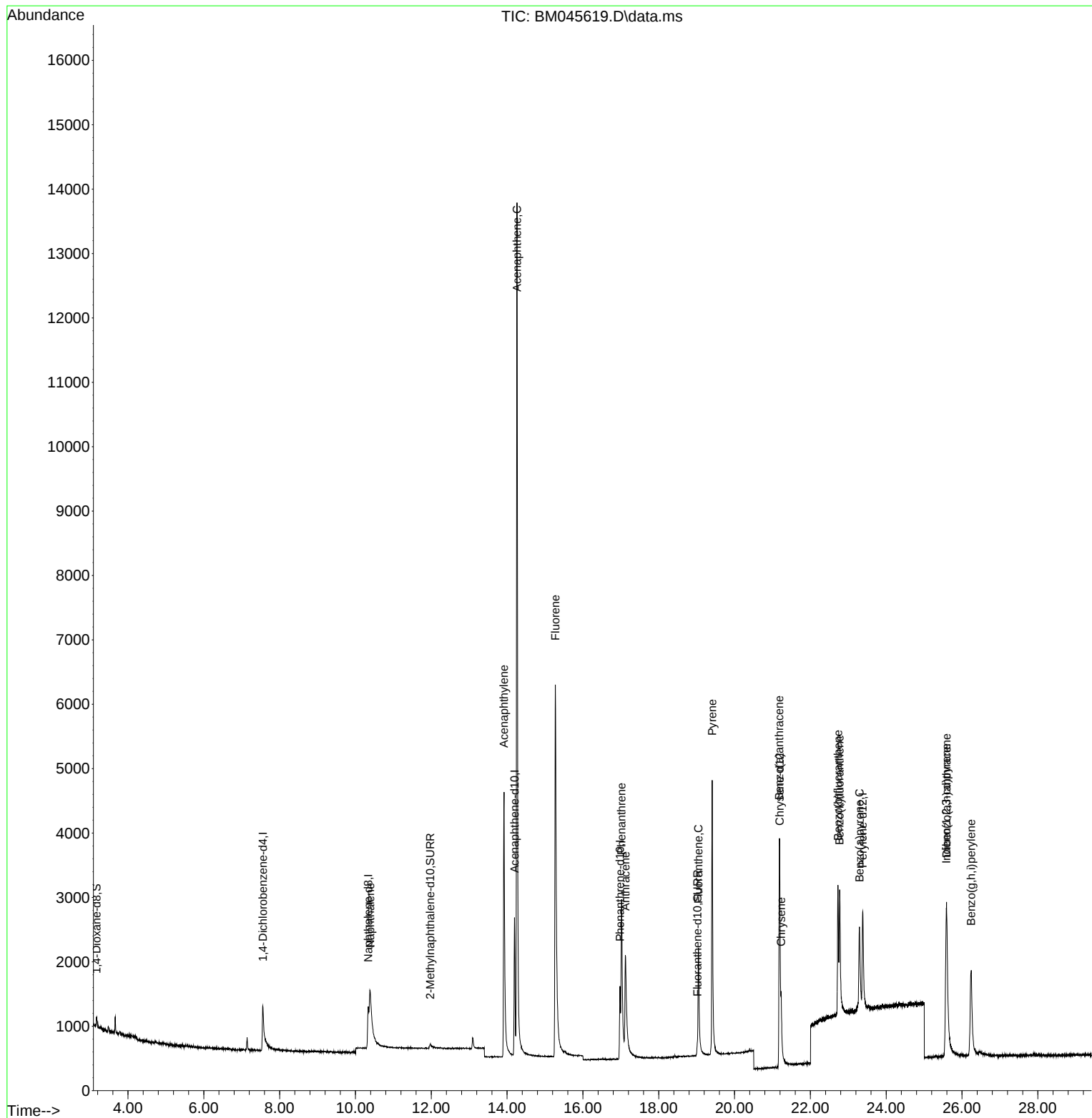
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
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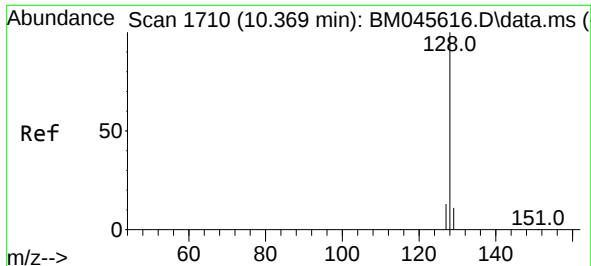
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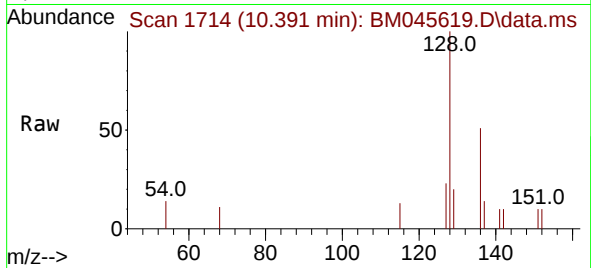
Quant Time: Apr 29 14:31:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
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#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.391 min Scan# 1714
Delta R.T. 0.011 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

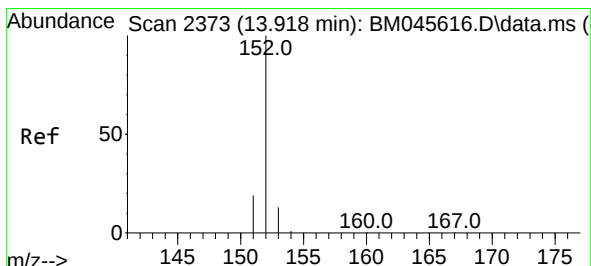
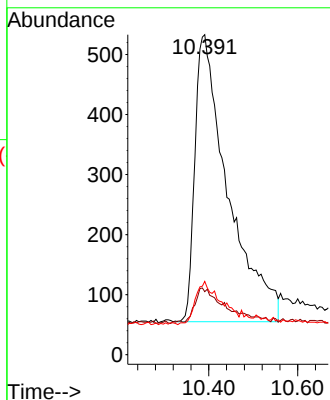
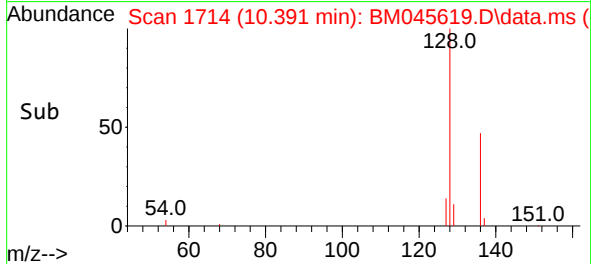
Instrument :
BNA_M
ClientSampleId :
XA397DL



Tgt Ion:128 Resp: 246
Ion Ratio Lower Upper
128 100
129 19.7 14.0 21.0
127 22.9 15.4 23.2

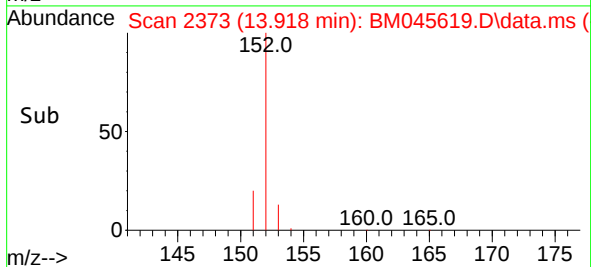
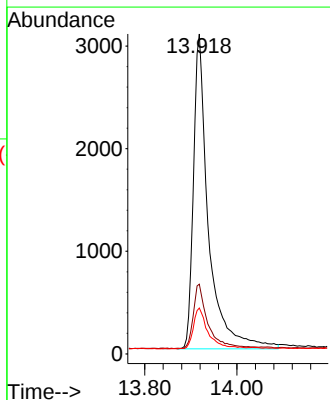
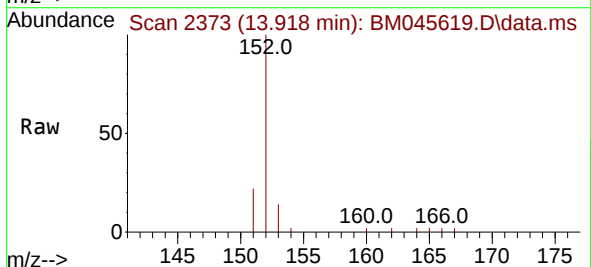
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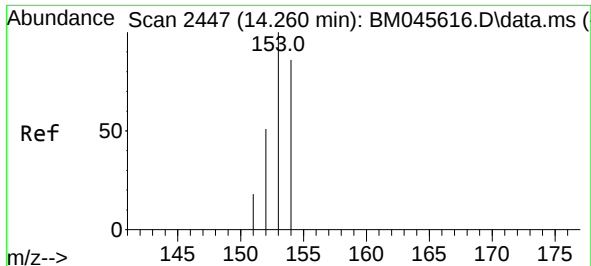
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#10
Acenaphthylene
Concen: 1.023 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

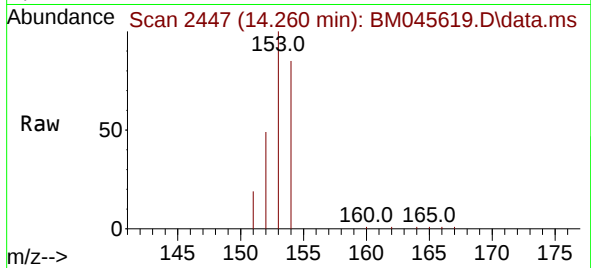
Tgt Ion:152 Resp: 6938
Ion Ratio Lower Upper
152 100
151 21.8 18.6 28.0
153 14.3 14.1 21.1





#11
Acenaphthene
Concen: 1.943 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

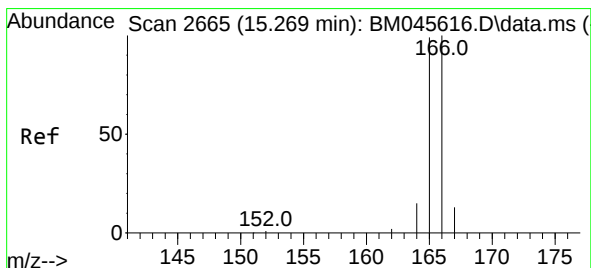
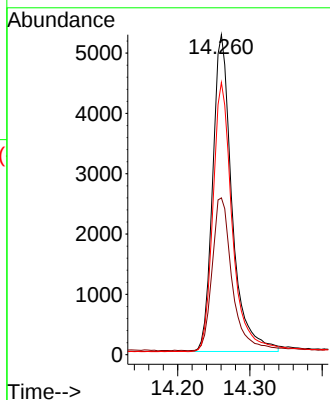
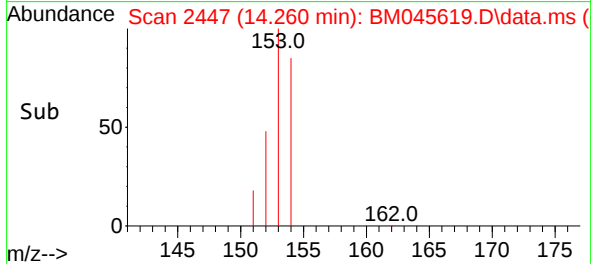
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XA397DL



Tgt Ion:153 Resp: 9784
Ion Ratio Lower Upper
153 100
152 49.0 43.4 65.2
154 85.1 69.0 103.6

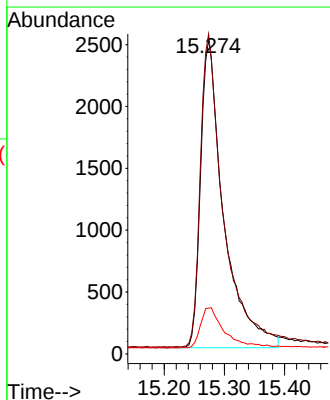
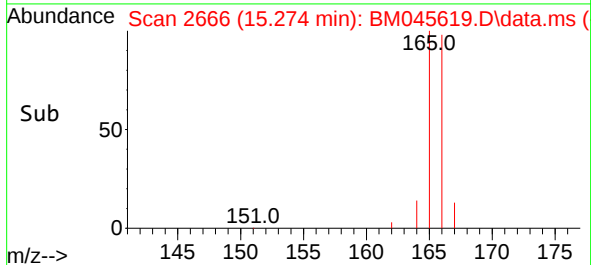
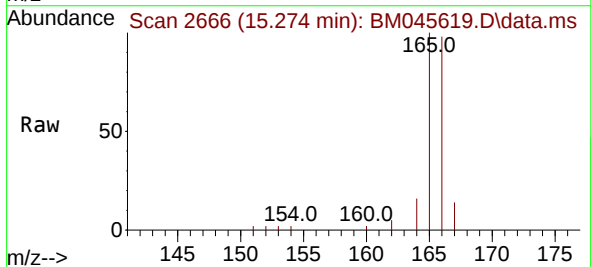
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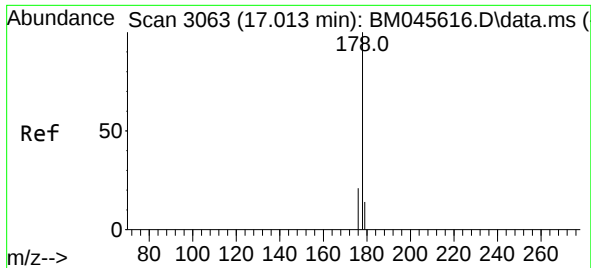
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#12
Fluorene
Concen: 1.233 ng/ul
RT: 15.274 min Scan# 2666
Delta R.T. -0.004 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

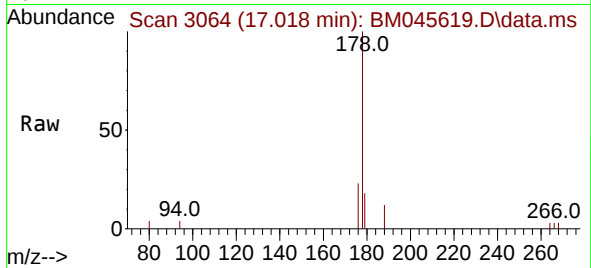
Tgt Ion:166 Resp: 6642
Ion Ratio Lower Upper
166 100
165 101.9 82.2 123.2
167 14.6 14.8 22.2#





#15
Phenanthrene
Concen: 0.608 ng/u1
RT: 17.018 min Scan# 3064
Delta R.T. -0.004 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

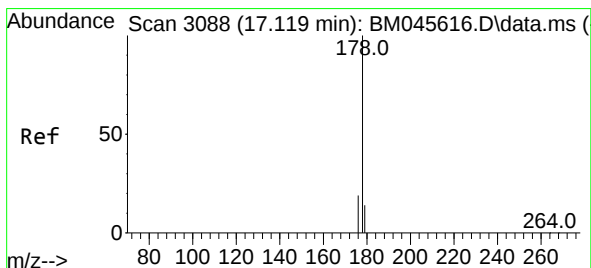
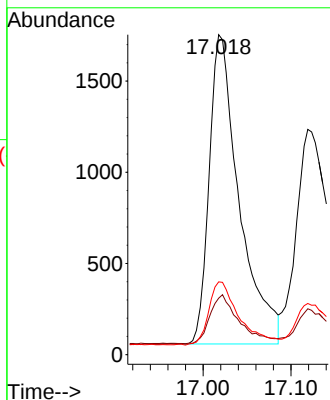
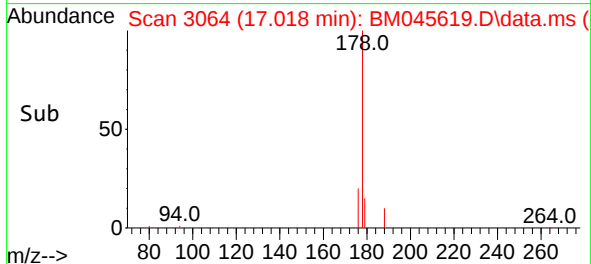
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Tgt Ion:178 Resp: 4018
Ion Ratio Lower Upper
178 100
179 17.6 15.4 23.2
176 22.7 19.0 28.4

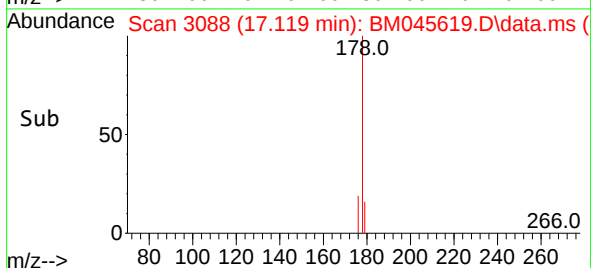
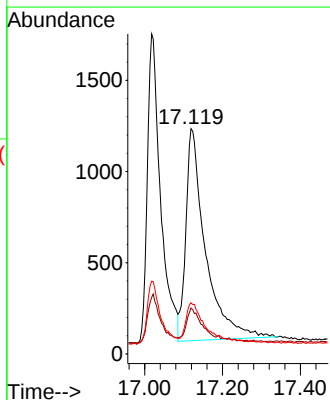
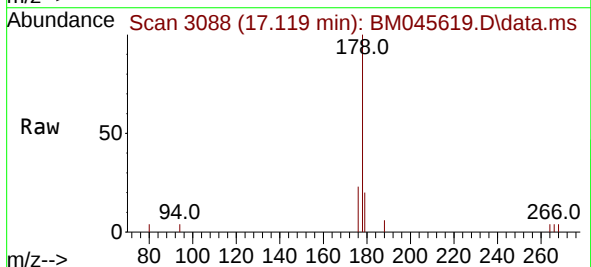
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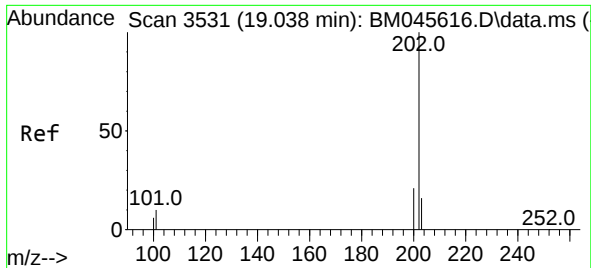
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#16
Anthracene
Concen: 0.656 ng/u1
RT: 17.119 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

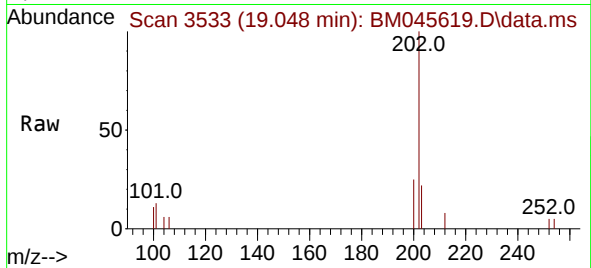
Tgt Ion:178 Resp: 4062
Ion Ratio Lower Upper
178 100
179 20.3 17.8 26.6
176 22.7 18.7 28.1





#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.048 min Scan# 3533
Delta R.T. 0.000 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

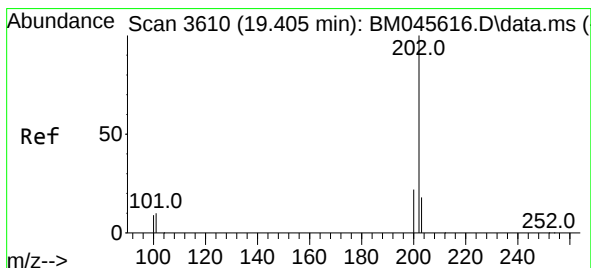
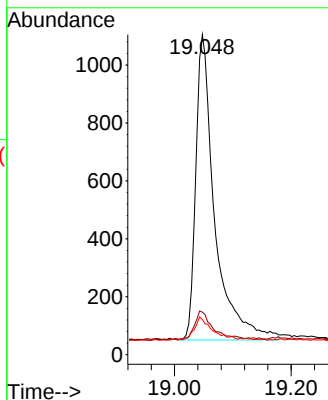
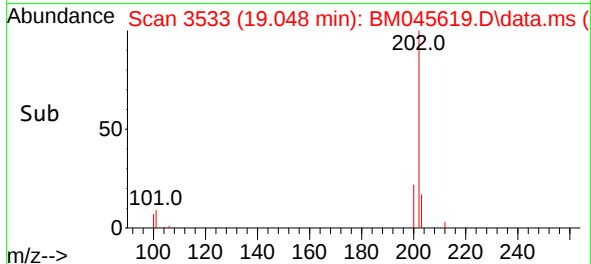
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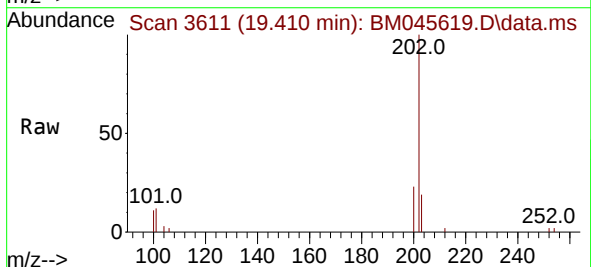
Tgt Ion:202 Resp: 2380
Ion Ratio Lower Upper
202 100
101 13.3 11.2 16.8
100 11.0 9.1 13.7

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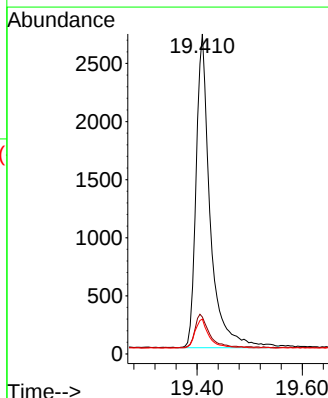
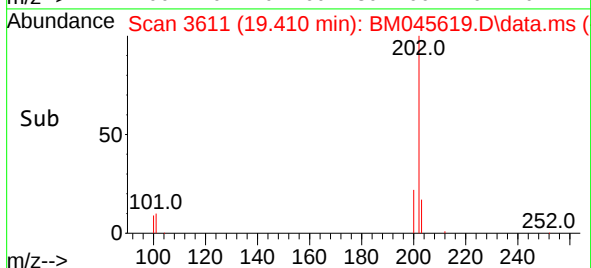
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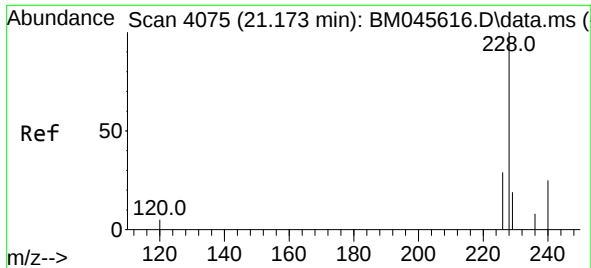


#20
Pyrene
Concen: 0.644 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02



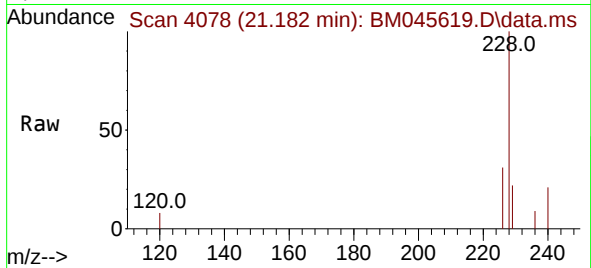
Tgt Ion:202 Resp: 5009
Ion Ratio Lower Upper
202 100
101 11.5 11.5 17.3
100 10.9 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.731 ng/ul
RT: 21.182 min Scan# 4078
Delta R.T. 0.000 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

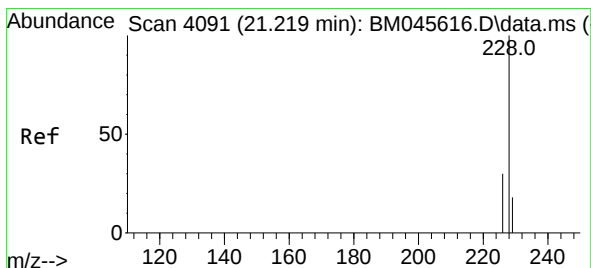
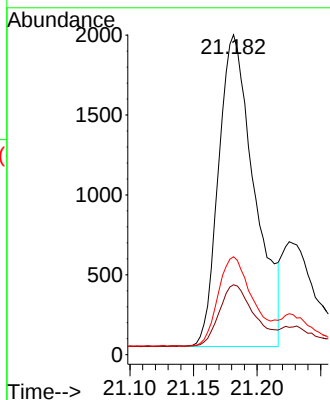
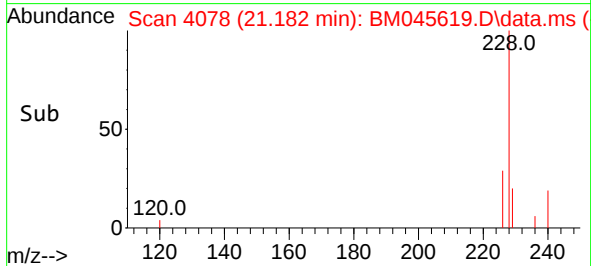
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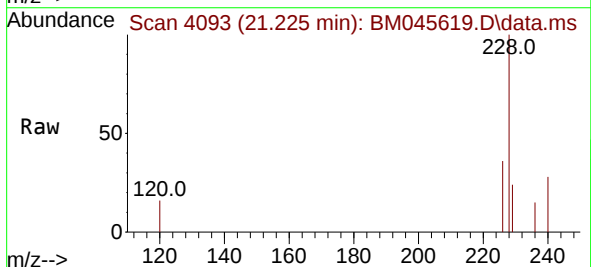
Tgt Ion:228 Resp: 3830
Ion Ratio Lower Upper
228 100
229 21.9 19.4 29.2
226 30.6 26.3 39.5

Manual Integrations
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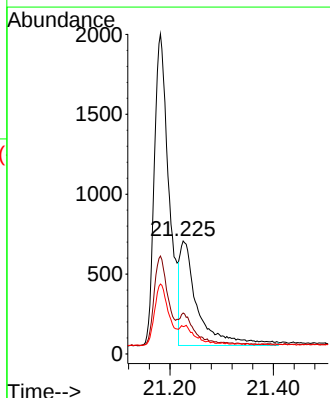
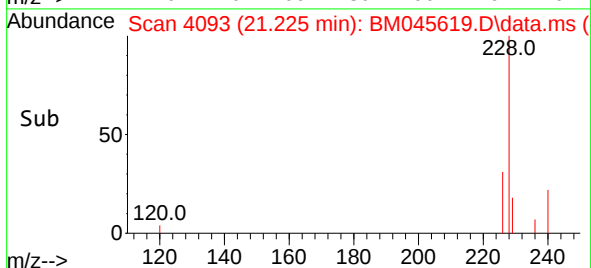
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

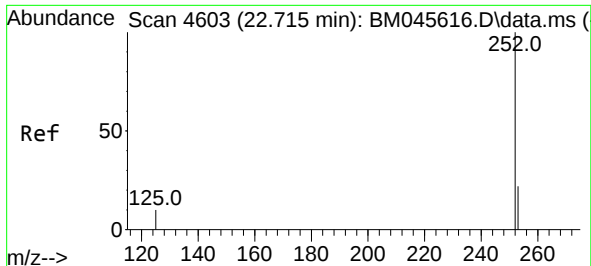


#22
Chrysene
Concen: 0.196 ng/ul m
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02



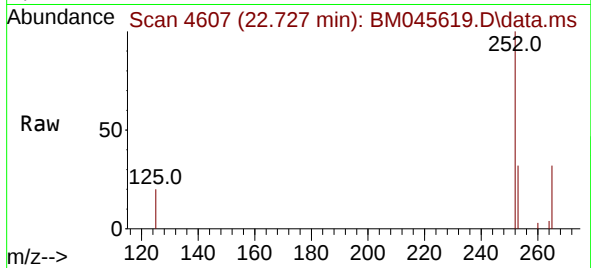
Tgt Ion:228 Resp: 1575
Ion Ratio Lower Upper
228 100
226 36.2 26.3 39.5
229 24.2 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 22.727 min Scan# 4607
Delta R.T. -0.003 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

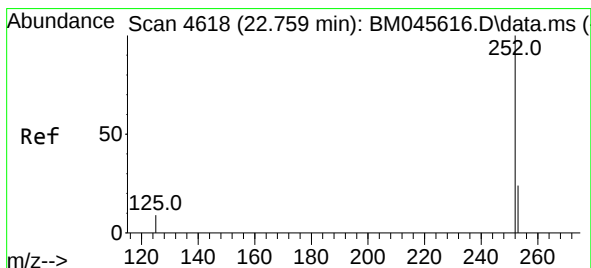
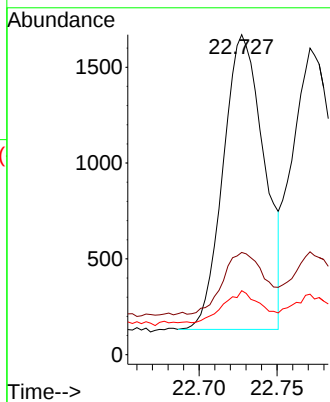
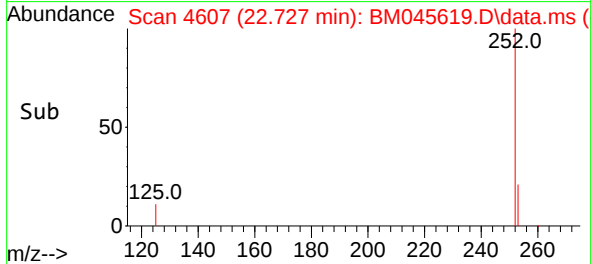
Instrument :
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XA397DL



Tgt Ion:252 Resp: 280
Ion Ratio Lower Upper
252 100
253 32.0 0.0 63.4
125 20.0 0.0 36.8

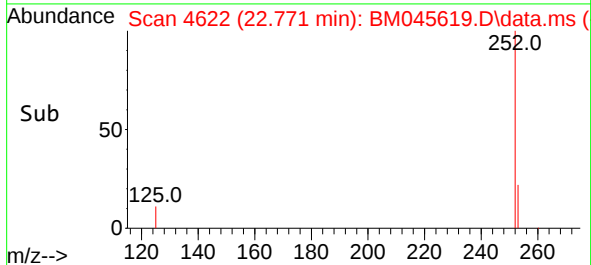
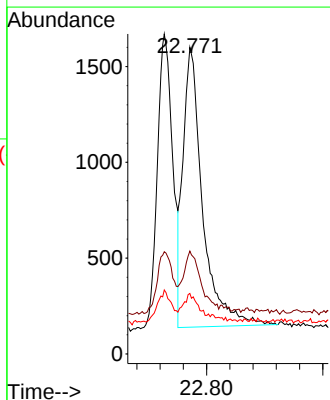
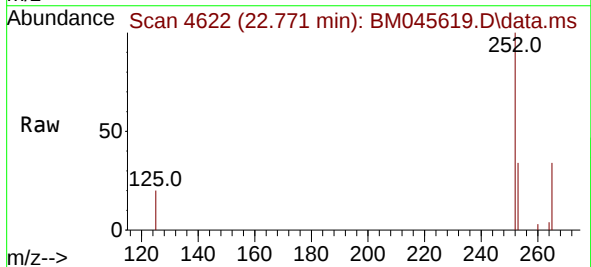
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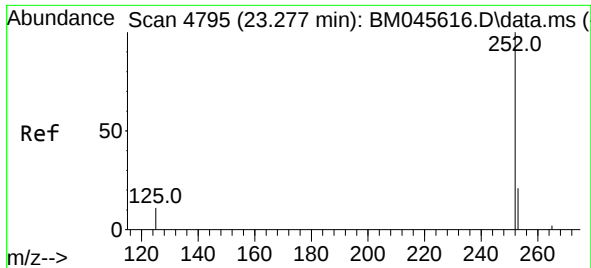
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 22.771 min Scan# 4622
Delta R.T. 0.000 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

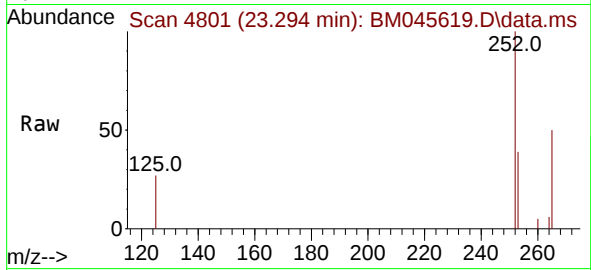
Tgt Ion:252 Resp: 3417
Ion Ratio Lower Upper
252 100
253 33.6 25.4 38.0
125 19.8 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.315 ng/ul
RT: 23.294 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

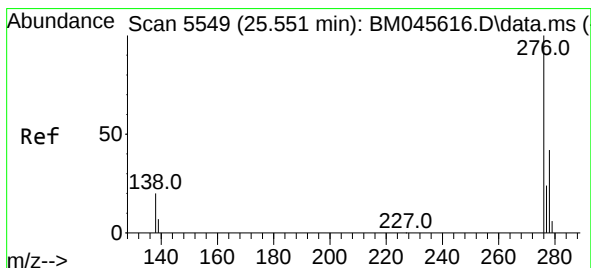
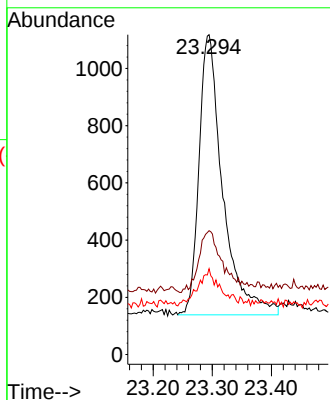
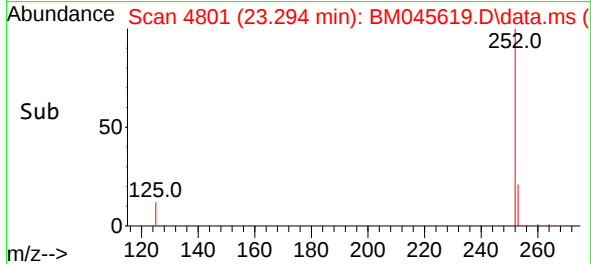
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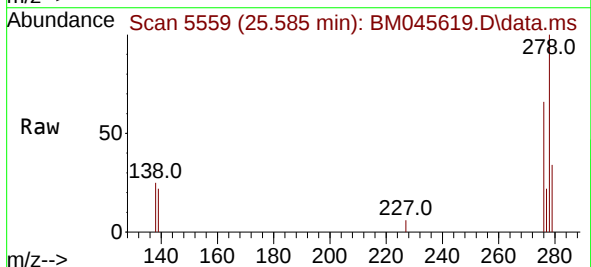
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Ion Ratio Lower Upper
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125 26.8 19.5 29.3

Manual Integrations
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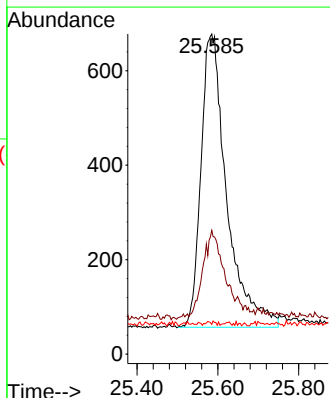
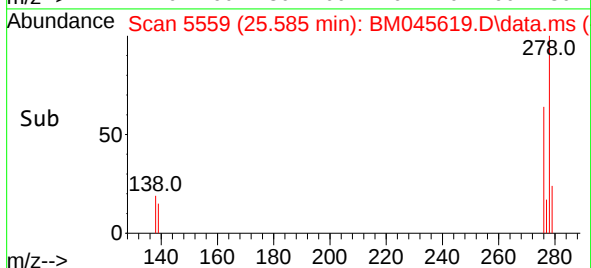
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

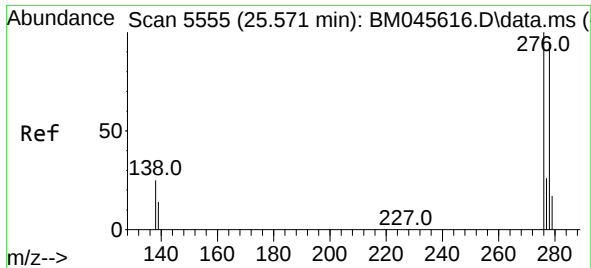


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.218 ng/ul
RT: 25.585 min Scan# 5559
Delta R.T. 0.014 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02



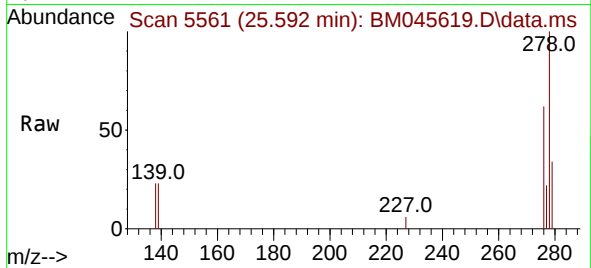
Tgt Ion:276 Resp: 2745
Ion Ratio Lower Upper
276 100
138 25.6 19.8 29.6
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 25.592 min Scan# 51
Delta R.T. 0.004 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02

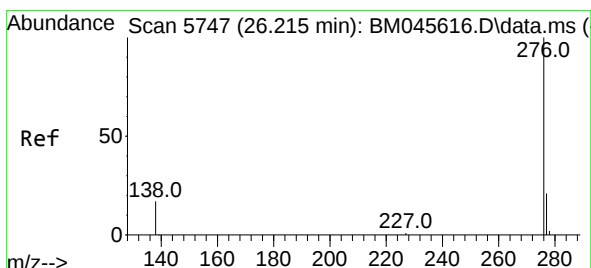
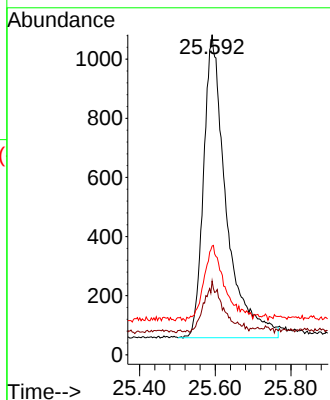
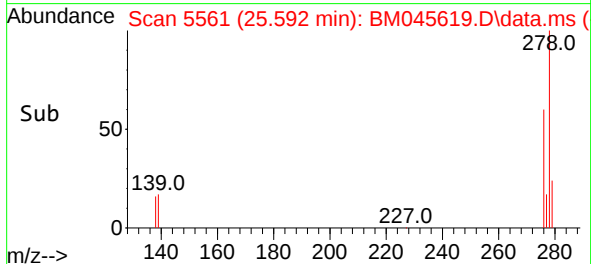
Instrument :
BNA_M
ClientSampleId :
XA397DL



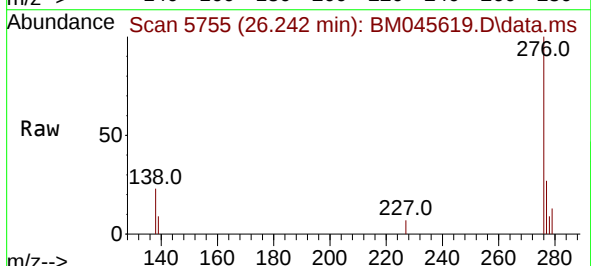
Tgt Ion: 278 Resp: 424
Ion Ratio Lower Upper
278 100
139 23.1 19.0 28.6
279 34.0 29.4 44.2

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 05/02/2024
Supervised By : mohammad ahmed 05/02/2024



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 26.242 min Scan# 5755
Delta R.T. 0.007 min
Lab File: BM045619.D
Acq: 29 Apr 2024 14:02



Tgt Ion: 276 Resp: 3538
Ion Ratio Lower Upper
276 100
138 23.1 20.8 31.2
277 27.4 21.8 32.8

