

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045585.D
 Acq On : 26 Apr 2024 10:30
 Operator : MA/JU
 Sample : P2037-22DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 11:40:21 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	899	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2545	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1227	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2280	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	1952	0.400	ng/ul	-0.01
23) Perylene-d12	23.364	264	2957	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	858	0.712	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.942	152	148	0.044	ng/ul	0.01
18) Fluoranthene-d10	19.006	212	263	0.043	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.363	128	714	0.104	ng/ul#	91
7) 2-Methylnaphthalene	12.013	142	163	0.042	ng/ul	96
8) 1-Methylnaphthalene	12.222	142	103	0.024	ng/ul	89
10) Acenaphthylene	13.918	152	152	0.025	ng/ul#	29
15) Phenanthrene	17.005	178	1525	0.230	ng/ul	95
16) Anthracene	17.098	178	338m	0.054	ng/ul	
19) Fluoranthene	19.033	202	3334	0.370	ng/ul#	94
20) Pyrene	19.396	202	3024	0.327	ng/ul	98
21) Benzo(a)anthracene	21.167	228	2156	0.346	ng/ul	98
22) Chrysene	21.219	228	2185	0.228	ng/ul	96
24) Benzo(b)fluoranthene	22.712	252	4557	0.458	ng/ul	94
25) Benzo(k)fluoranthene	22.753	252	1744m	0.139	ng/ul	
26) Benzo(a)pyrene	23.268	252	2384	0.231	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.551	276	2726	0.182	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.565	278	701	0.059	ng/ul#	37
29) Benzo(g,h,i)perylene	26.212	276	2379	0.177	ng/ul#	89

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

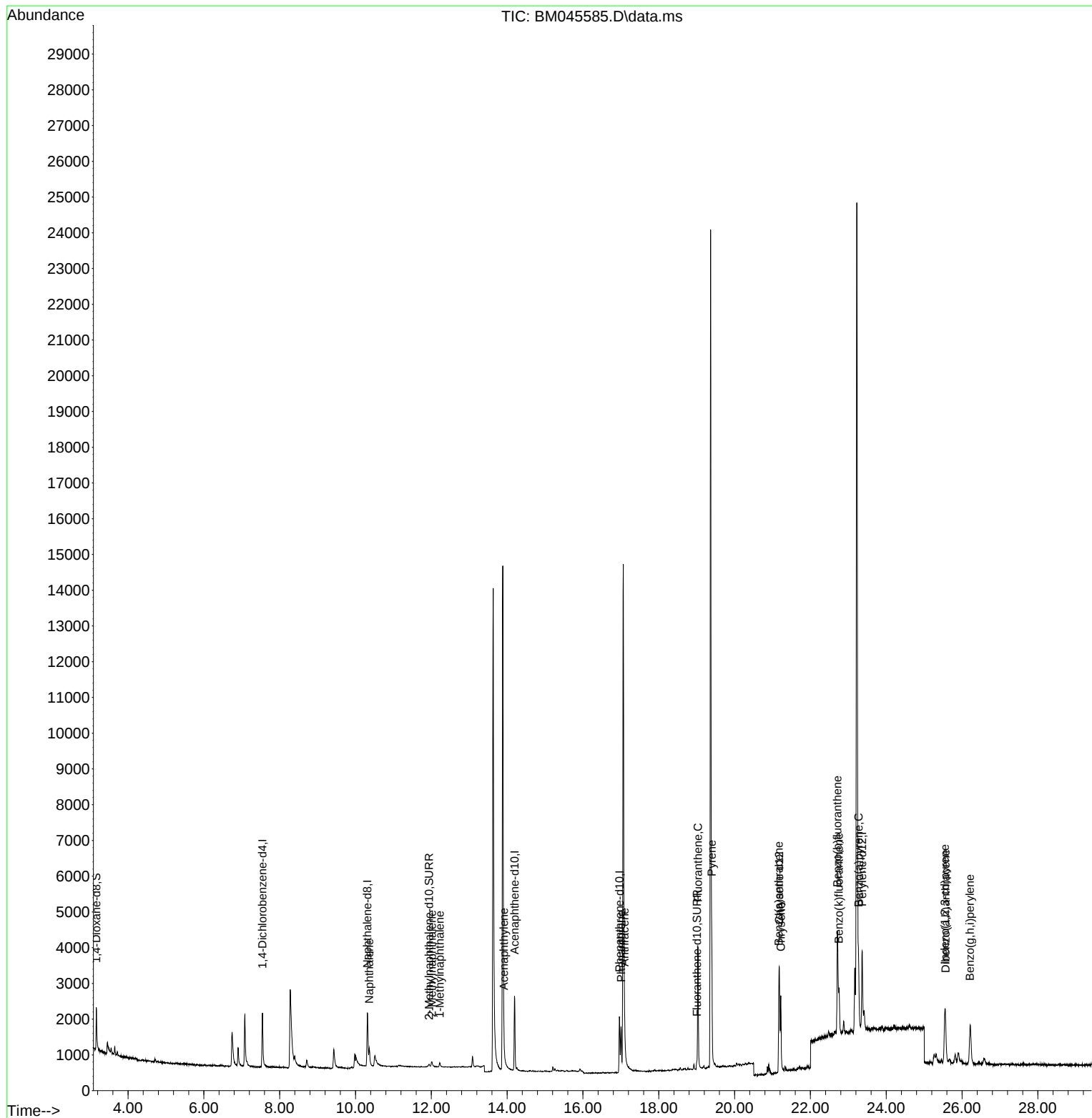
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045585.D
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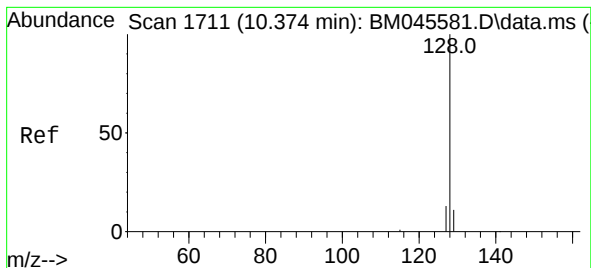
Instrument :
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E1CX7DL

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#5

Naphthalene

Concen: 0.104 ng/ul

RT: 10.363 min Scan# 1711

Delta R.T. -0.016 min

Lab File: BM045585.D

Acq: 26 Apr 2024 10:30

Instrument :

BNA_M

ClientSampleId :

E1CX7DL

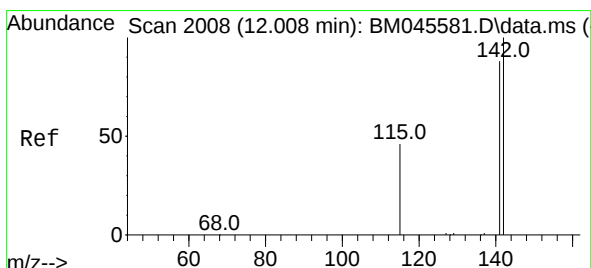
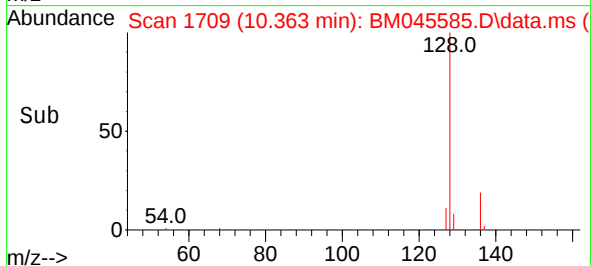
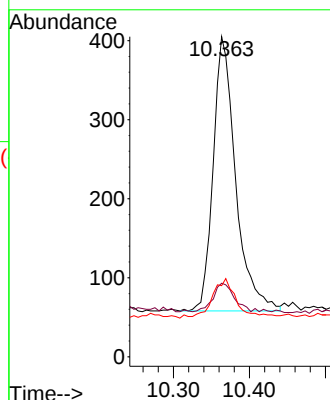
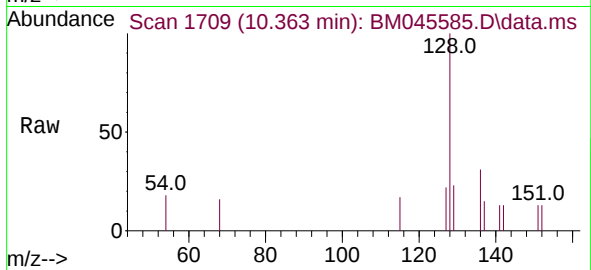
Tgt Ion:128	Resp:	714
Ion Ratio	Lower	Upper
128	100	
129	23.0	14.0 21.0
127	22.2	15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#7

2-Methylnaphthalene

Concen: 0.042 ng/ul

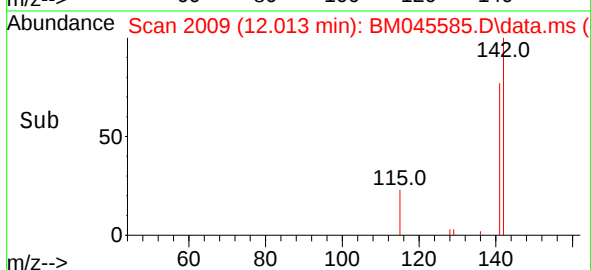
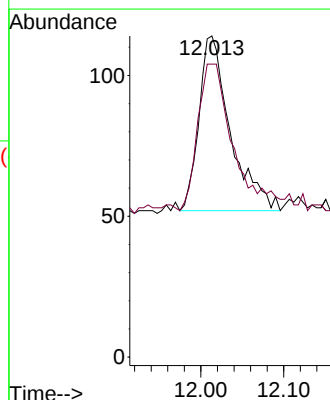
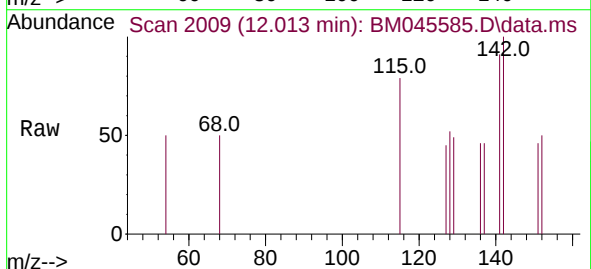
RT: 12.013 min Scan# 2009

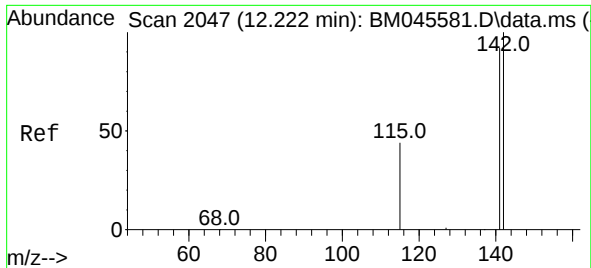
Delta R.T. 0.006 min

Lab File: BM045585.D

Acq: 26 Apr 2024 10:30

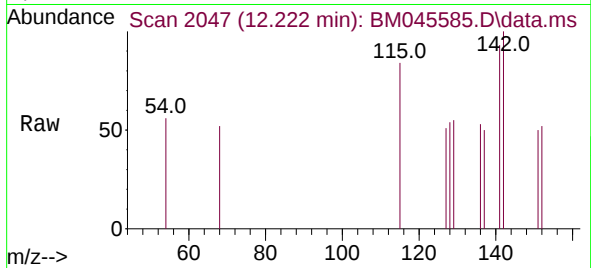
Tgt Ion:142	Resp:	163
Ion Ratio	Lower	Upper
142	100	
141	96.9	74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

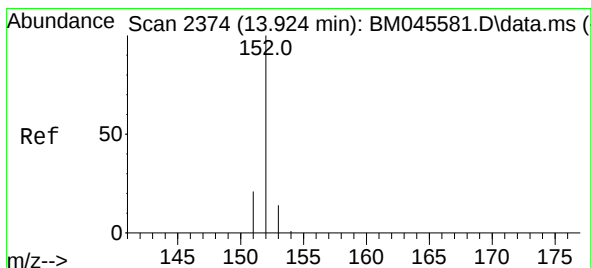
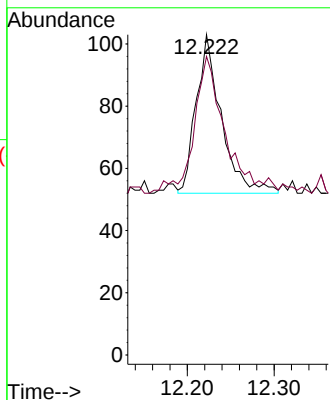
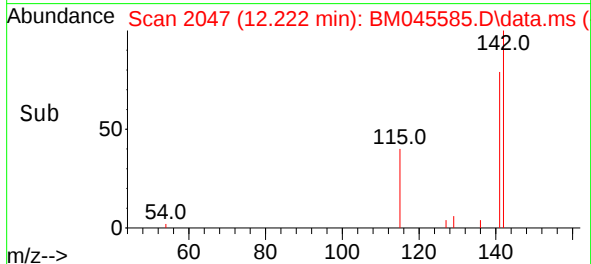
Instrument :
BNA_M
ClientSampleId :
E1CX7DL



Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
141 105.8 76.1 114.1

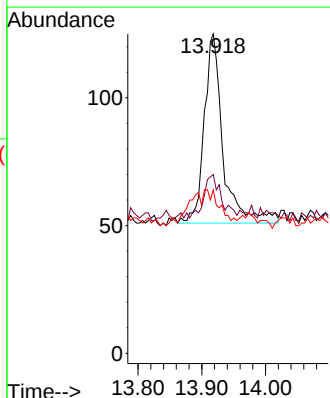
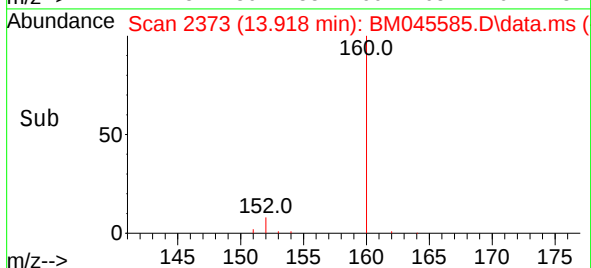
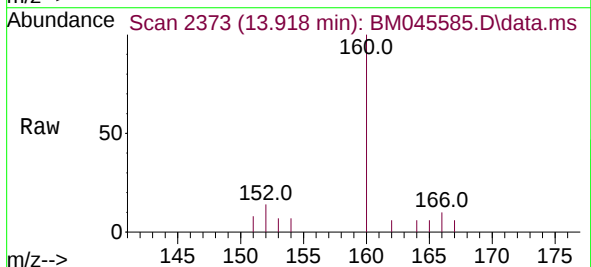
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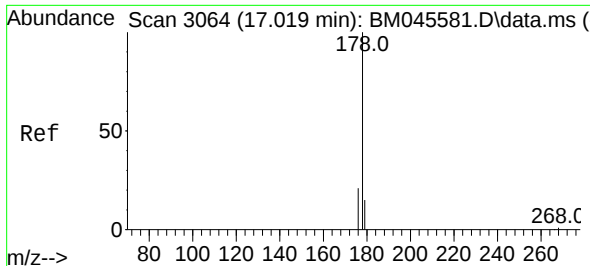
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

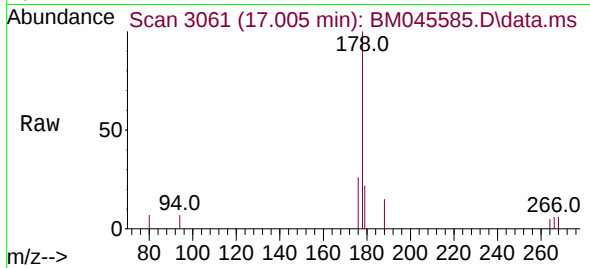
Tgt Ion:152 Resp: 152
Ion Ratio Lower Upper
152 100
151 56.0 18.6 28.0#
153 51.2 14.1 21.1#





#15
Phenanthrene
Concen: 0.230 ng/ul
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

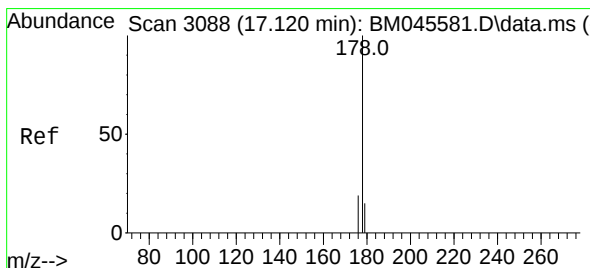
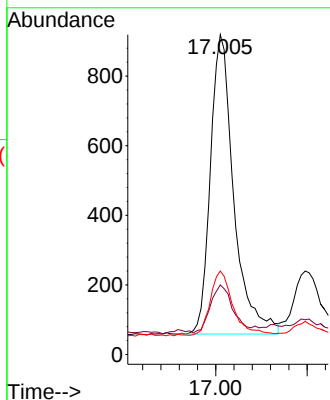
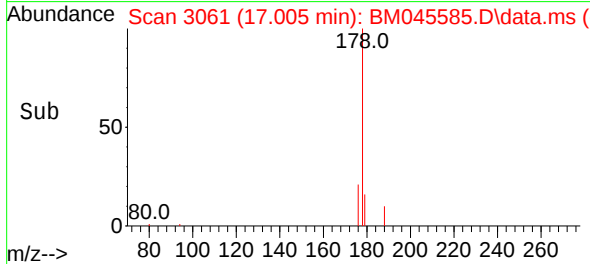
Instrument :
BNA_M
ClientSampleId :
E1CX7DL



Tgt Ion:178 Resp: 1524
Ion Ratio Lower Upper
178 100
179 21.8 15.4 23.2
176 26.1 19.0 28.4

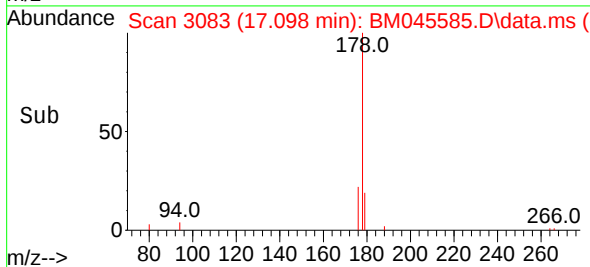
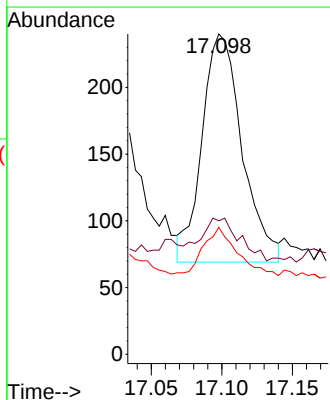
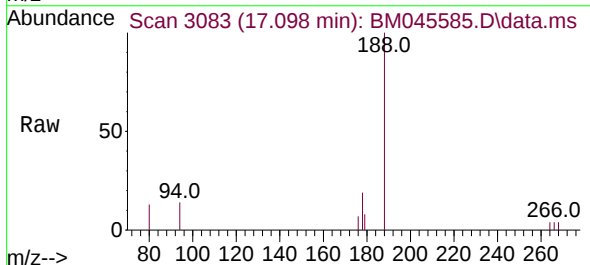
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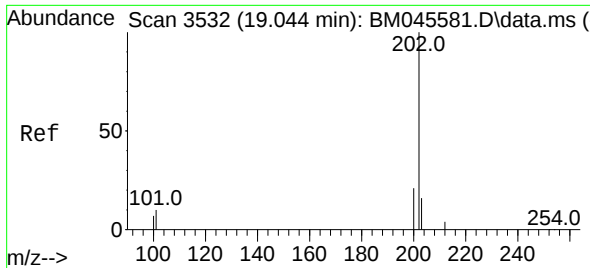
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.054 ng/ul m
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

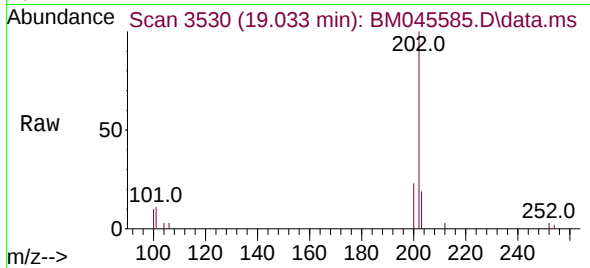
Tgt Ion:178 Resp: 338
Ion Ratio Lower Upper
178 100
179 41.7 17.8 26.6#
176 39.6 18.7 28.1#





#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.033 min Scan# 30
Delta R.T. -0.014 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

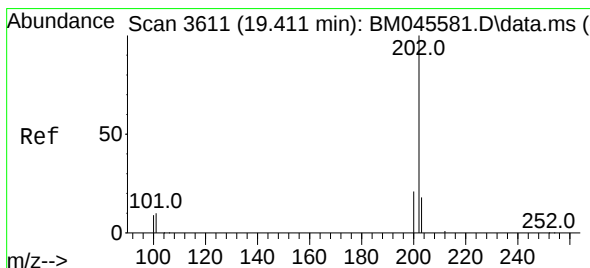
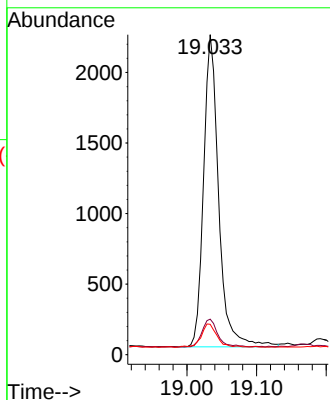
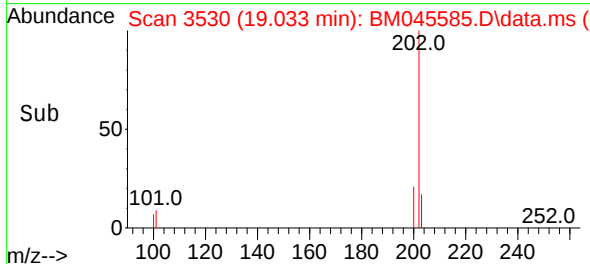
Instrument :
BNA_M
ClientSampleId :
E1CX7DL



Tgt Ion:202 Resp: 3334
Ion Ratio Lower Upper
202 100
101 11.1 11.2 16.8
100 9.5 9.1 13.7

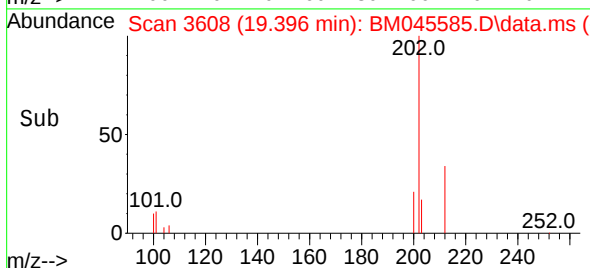
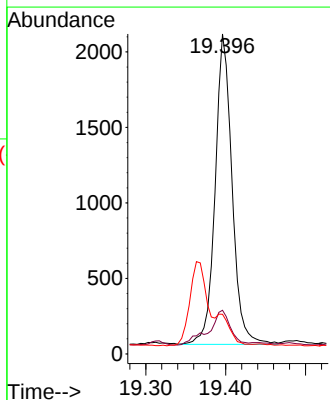
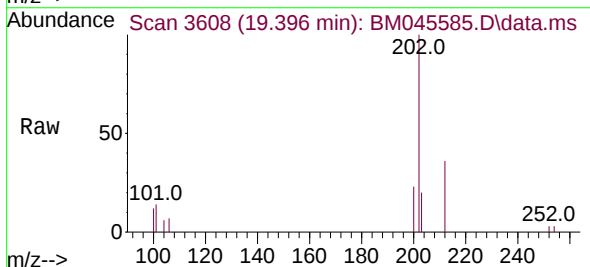
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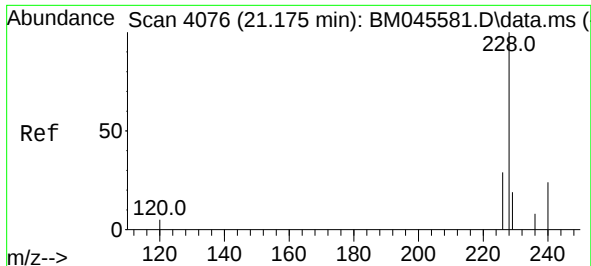
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.019 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

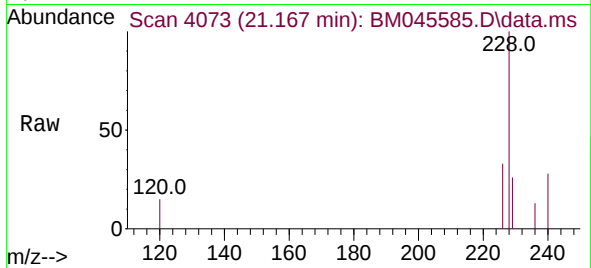
Tgt Ion:202 Resp: 3024
Ion Ratio Lower Upper
202 100
101 13.6 11.5 17.3
100 12.4 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.167 min Scan# 4073
Delta R.T. -0.015 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

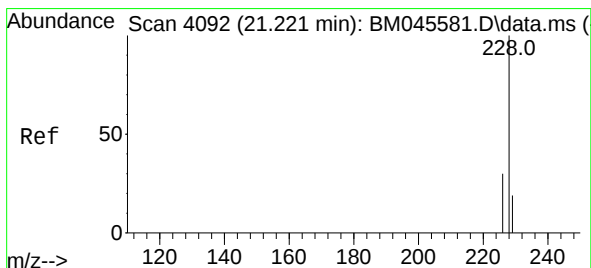
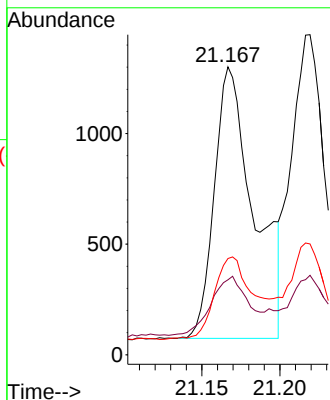
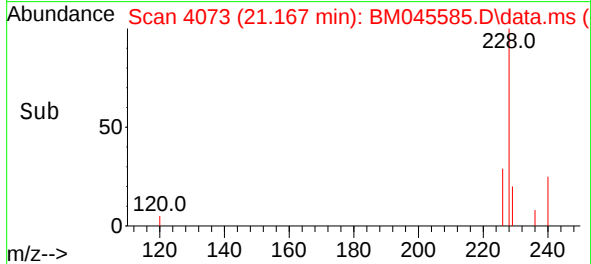
Instrument :
BNA_M
ClientSampleId :
E1CX7DL



Tgt Ion:228 Resp: 2150
Ion Ratio Lower Upper
228 100
229 26.0 19.4 29.2
226 33.4 26.3 39.5

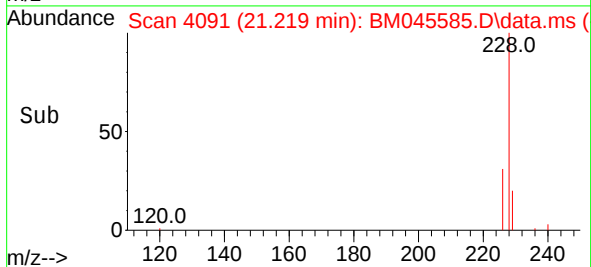
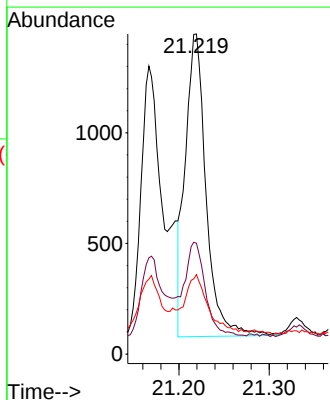
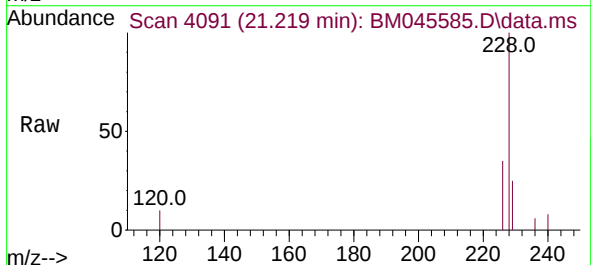
Manual Integrations
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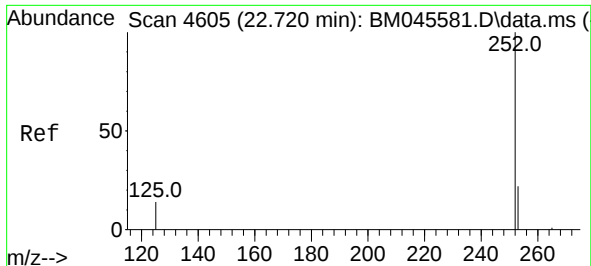
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.228 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

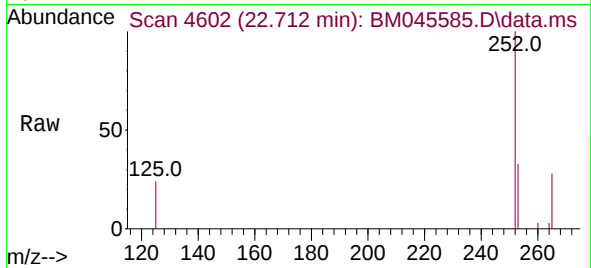
Tgt Ion:228 Resp: 2185
Ion Ratio Lower Upper
228 100
226 34.6 26.3 39.5
229 24.8 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.458 ng/ul
RT: 22.712 min Scan# 4602
Delta R.T. -0.018 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

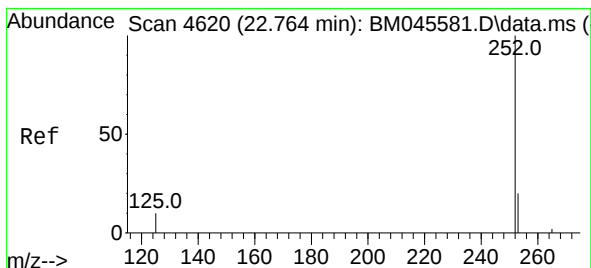
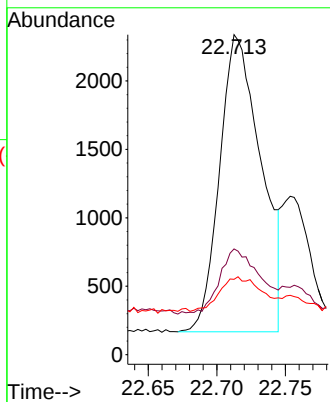
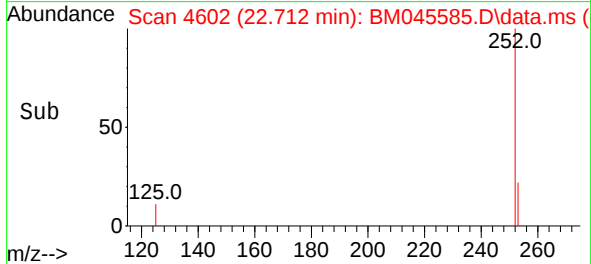
Instrument :
BNA_M
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E1CX7DL



Tgt Ion:252 Resp: 455
Ion Ratio Lower Upper
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253 33.1 0.0 63.4
125 23.6 0.0 36.8

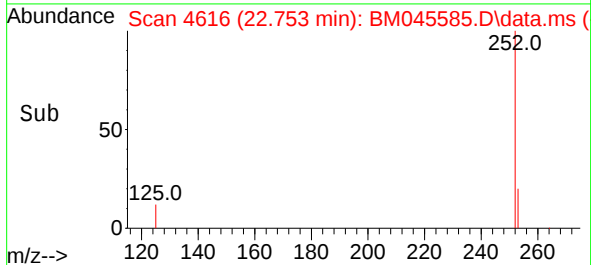
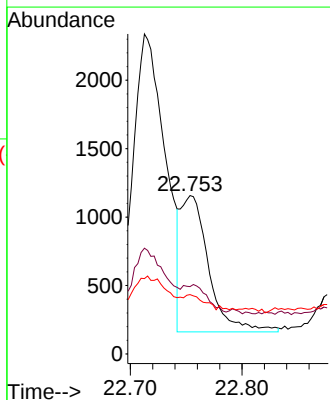
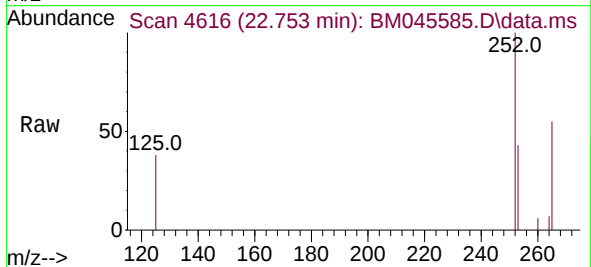
Manual Integrations
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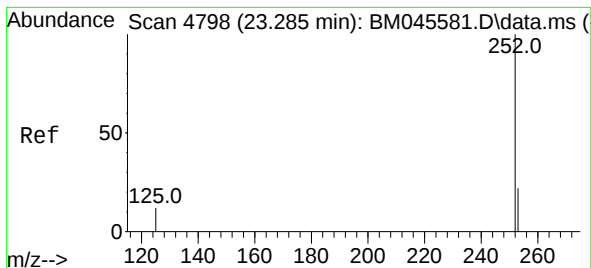
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

Tgt Ion:252 Resp: 1744
Ion Ratio Lower Upper
252 100
253 42.5 25.4 38.0#
125 37.5 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.231 ng/ul

RT: 23.268 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM045585.D

Acq: 26 Apr 2024 10:30

Instrument :

BNA_M

ClientSampleId :

E1CX7DL

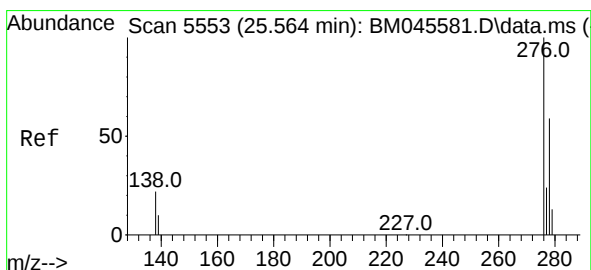
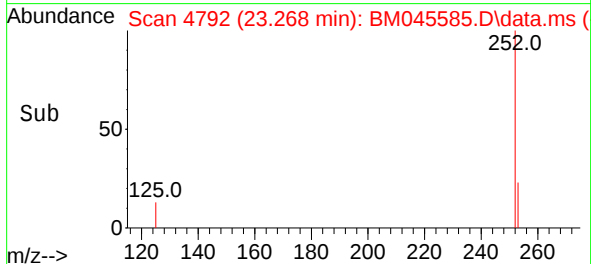
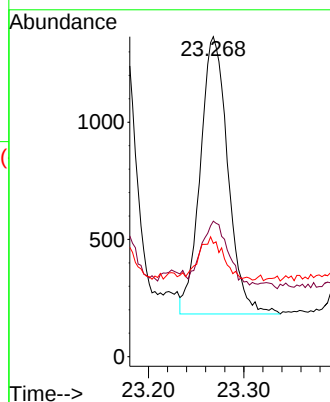
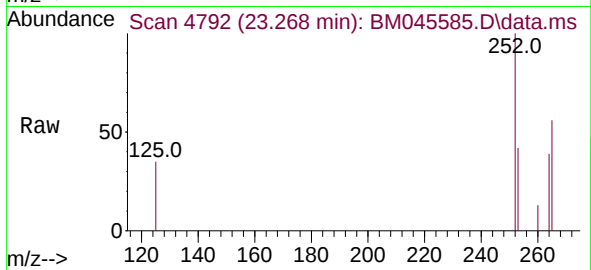
Tgt Ion:	252	Resp:	238
Ion Ratio	Lower	Upper	
252	100		
253	42.3	31.6	47.4
125	35.4	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.182 ng/ul

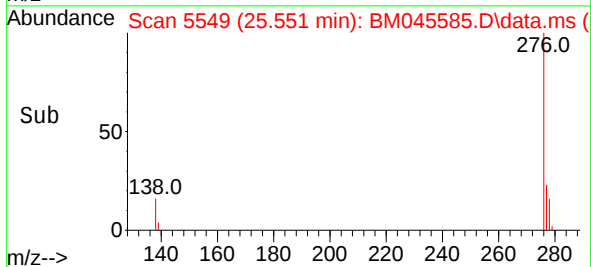
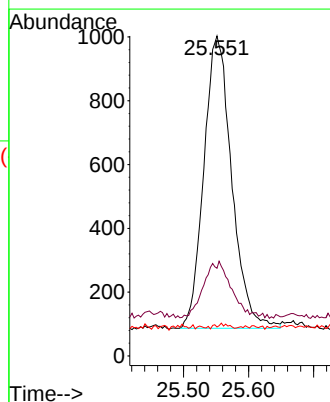
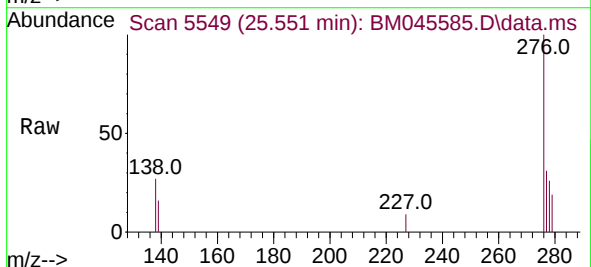
RT: 25.551 min Scan# 5549

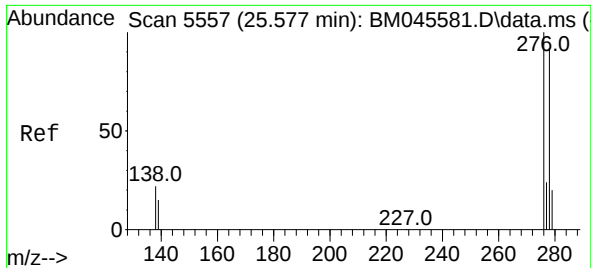
Delta R.T. -0.020 min

Lab File: BM045585.D

Acq: 26 Apr 2024 10:30

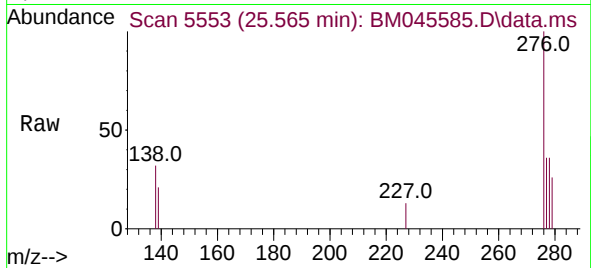
Tgt Ion:	276	Resp:	2726
Ion Ratio	Lower	Upper	
276	100		
138	19.7	19.8	29.6#
227	0.5	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.565 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30

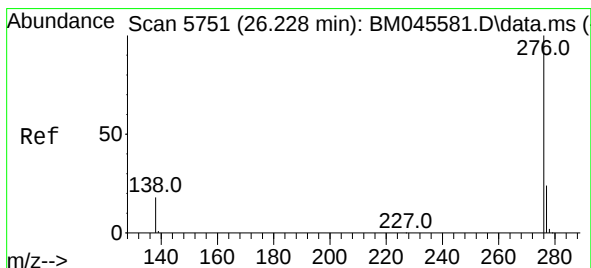
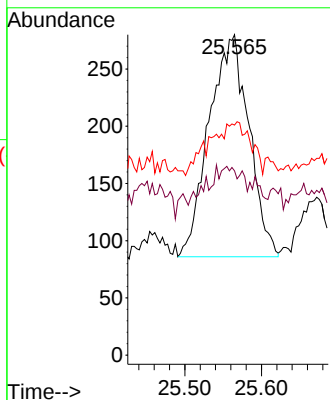
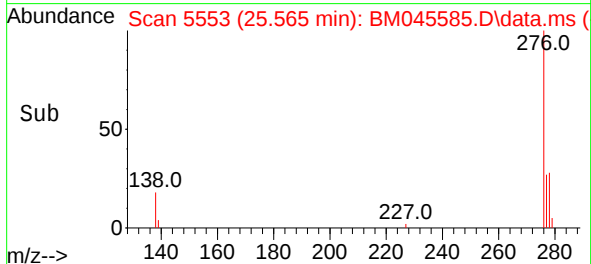
Instrument :
BNA_M
ClientSampleId :
E1CX7DL



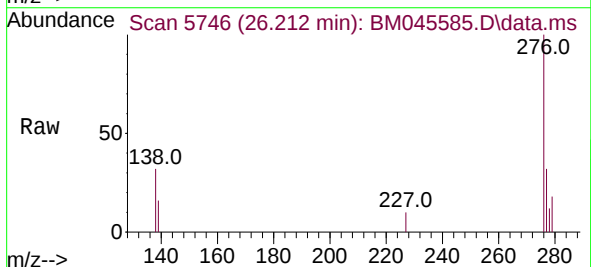
Tgt Ion: 278 Resp: 70
Ion Ratio Lower Upper
278 100
139 57.5 19.0 28.6
279 71.8 29.4 44.2

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 04/26/2024
Supervised By : mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.177 ng/ul
RT: 26.212 min Scan# 5746
Delta R.T. -0.023 min
Lab File: BM045585.D
Acq: 26 Apr 2024 10:30



Tgt Ion: 276 Resp: 2379
Ion Ratio Lower Upper
276 100
138 32.3 20.8 31.2
277 32.0 21.8 32.8

