

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045572.D
 Acq On : 25 Apr 2024 20:56
 Operator : MA/JU
 Sample : P2037-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY6

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 23:07:39 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	754	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2049	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1051	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.963	188	2196m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	1913	0.400	ng/ul	-0.01
23) Perylene-d12	23.367	264	2478m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3417	3.381	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	587	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	1253	0.208	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.363	128	478	0.087	ng/ul#	79
7) 2-Methylnaphthalene	12.008	142	206	0.066	ng/ul	95
8) 1-Methylnaphthalene	12.228	142	138	0.039	ng/ul	91
10) Acenaphthylene	13.913	152	201	0.039	ng/ul#	38
15) Phenanthrene	17.001	178	1934	0.302	ng/ul	98
19) Fluoranthene	19.033	202	3123	0.354	ng/ul	94
20) Pyrene	19.396	202	2468m	0.272	ng/ul	
21) Benzo(a)anthracene	21.170	228	1293	0.211	ng/ul#	91
22) Chrysene	21.219	228	2344m	0.249	ng/ul	
24) Benzo(b)fluoranthene	22.715	252	3580	0.429	ng/ul	81
25) Benzo(k)fluoranthene	22.753	252	977m	0.093	ng/ul	
26) Benzo(a)pyrene	23.265	252	1666	0.193	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.558	276	2097	0.167	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.565	278	540	0.054	ng/ul#	8
29) Benzo(g,h,i)perylene	26.222	276	2279	0.202	ng/ul#	88

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

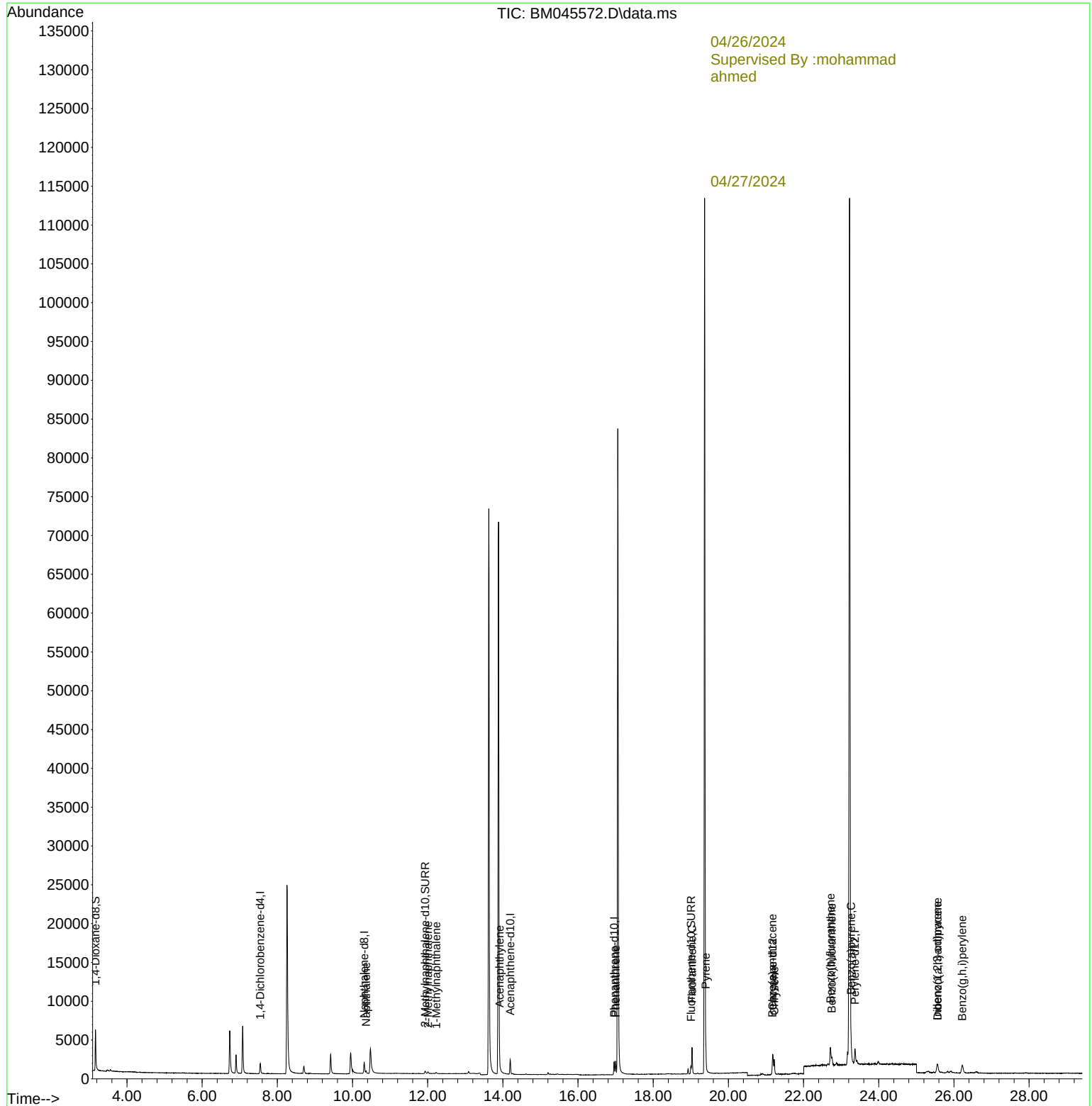
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045572.D
Acq On : 25 Apr 2024 20:56
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

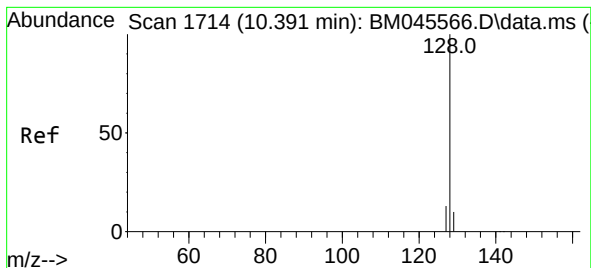
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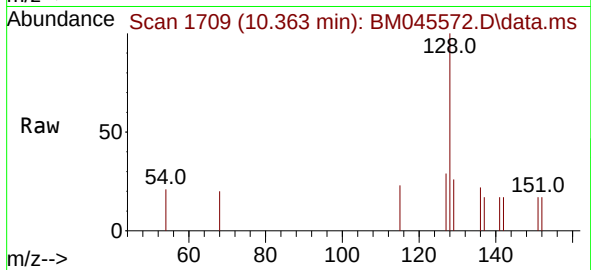
Quant Time: Apr 25 23:07:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.363 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

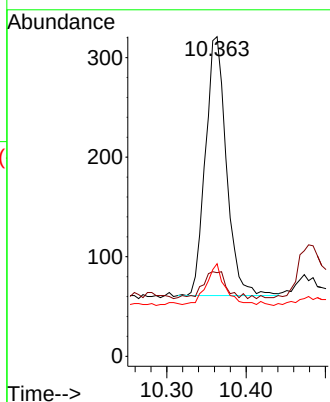
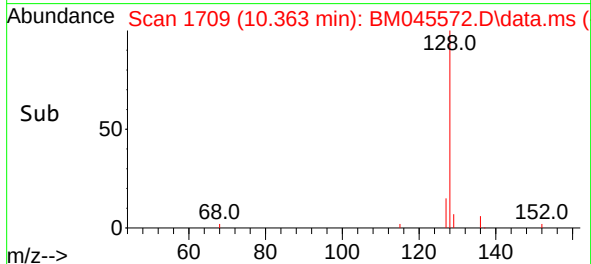
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:128 Resp: 478
Ion Ratio Lower Upper
128 100
129 26.2 14.0 21.0
127 29.0 15.4 23.2

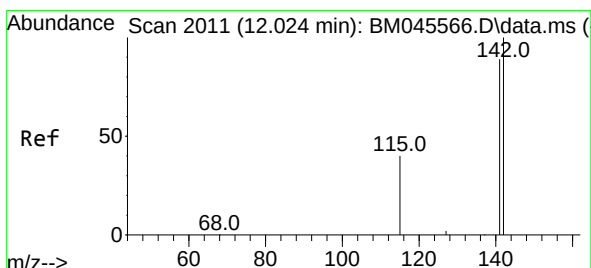
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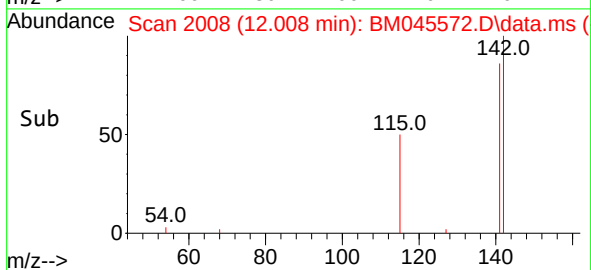
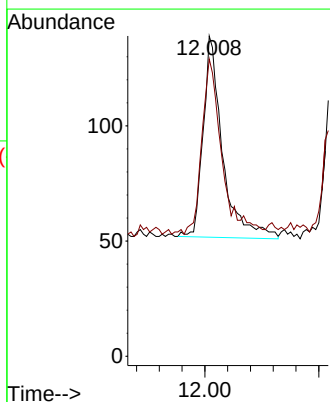
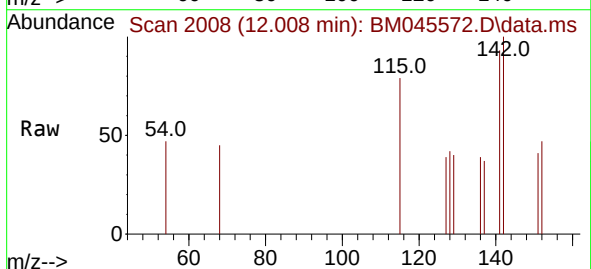
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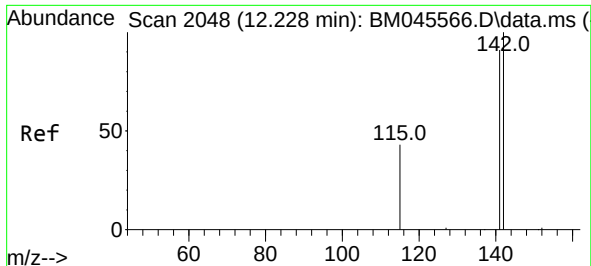
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#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

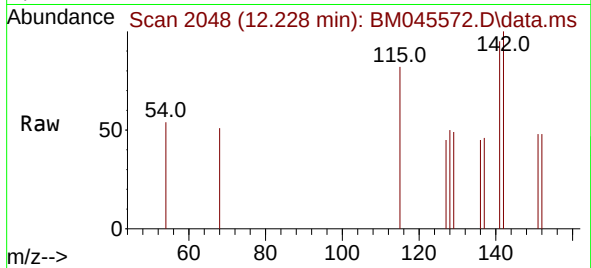
Tgt Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
141 88.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

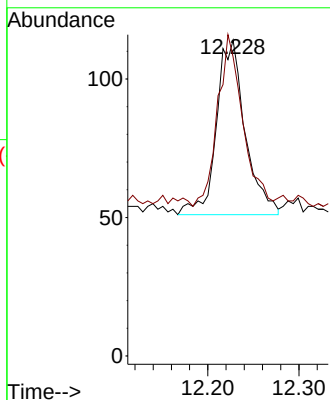
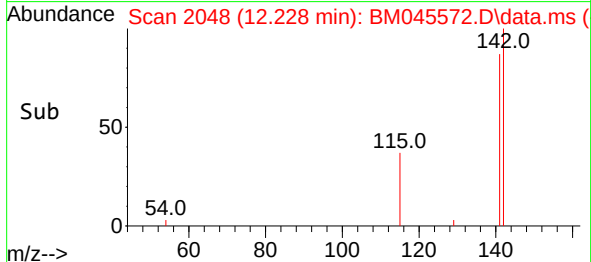
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
142 100
141 86.2 76.1 114.1

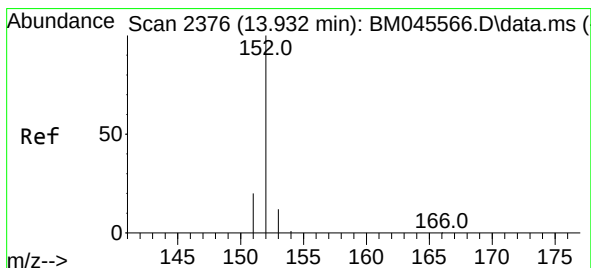
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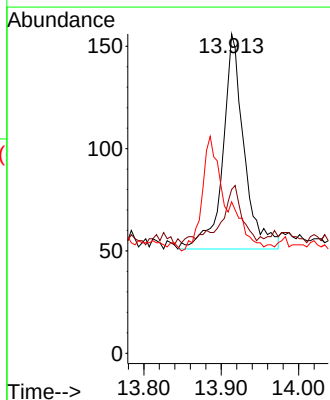
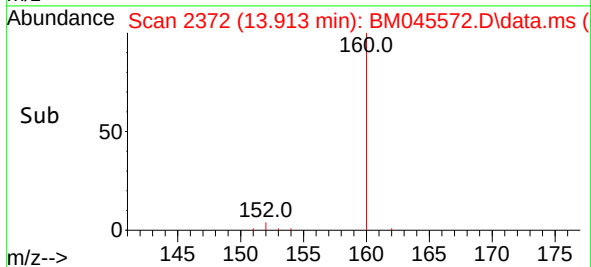
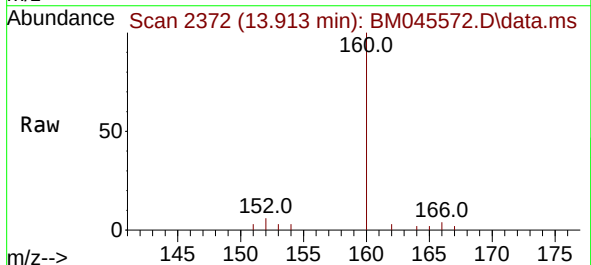
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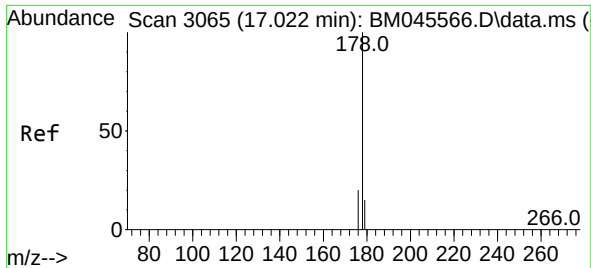
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#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 13.913 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

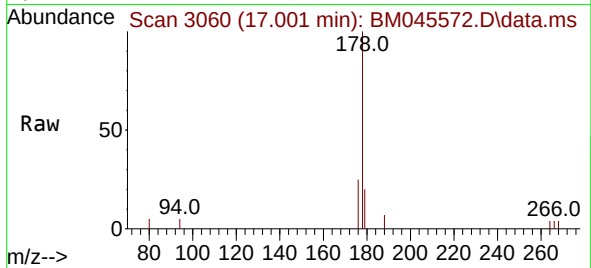
Tgt Ion:152 Resp: 201
Ion Ratio Lower Upper
152 100
151 51.3 18.6 28.0#
153 47.4 14.1 21.1#





#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

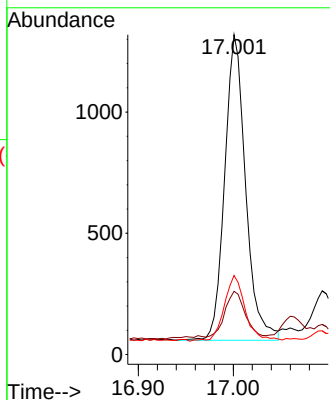
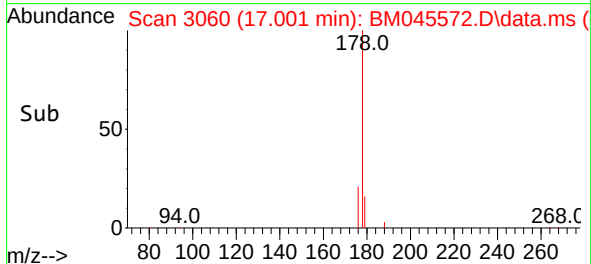
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:178 Resp: 1934
Ion Ratio Lower Upper
178 100
179 19.8 15.4 23.2
176 24.7 19.0 28.4

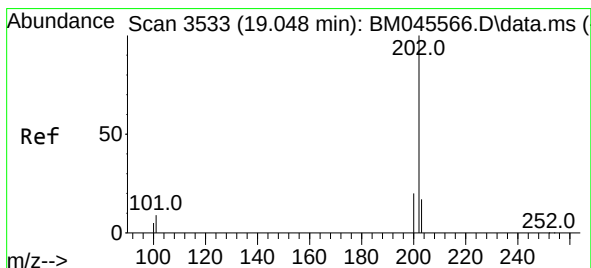
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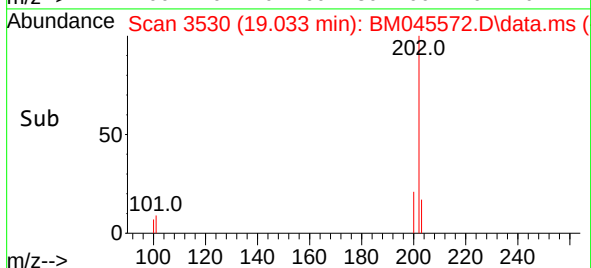
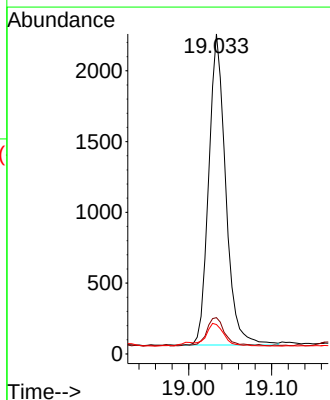
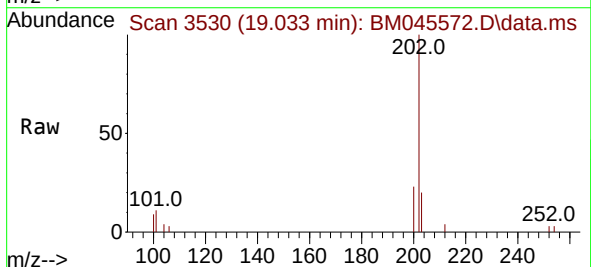
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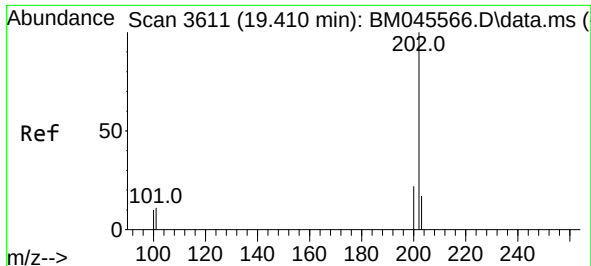
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#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.033 min Scan# 3530
Delta R.T. -0.014 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

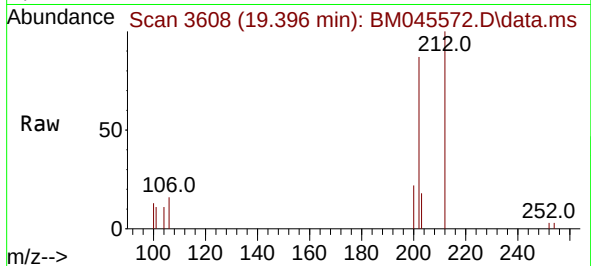
Tgt Ion:202 Resp: 3123
Ion Ratio Lower Upper
202 100
101 11.3 11.2 16.8
100 9.2 9.1 13.7





#20
Pyrene
Concen: 0.272 ng/ul m
RT: 19.396 min Scan# 3608
Delta R.T. -0.019 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

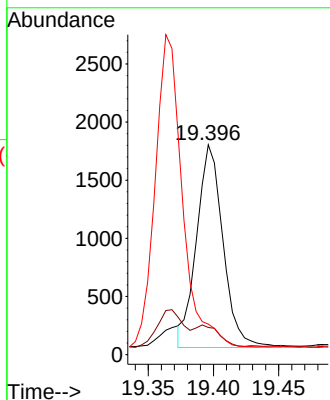
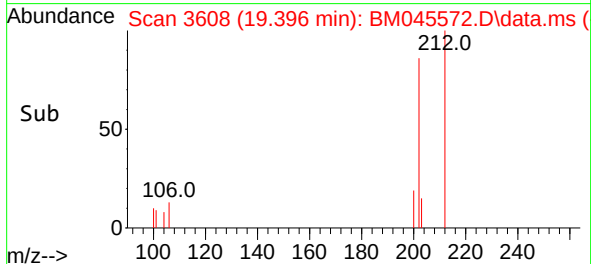
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:202 Resp: 2468
Ion Ratio Lower Upper
202 100
101 13.0 11.5 17.3
100 14.6 10.6 15.8

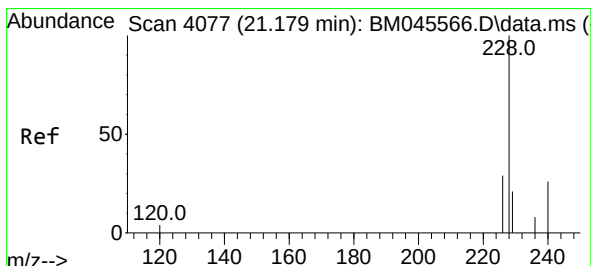
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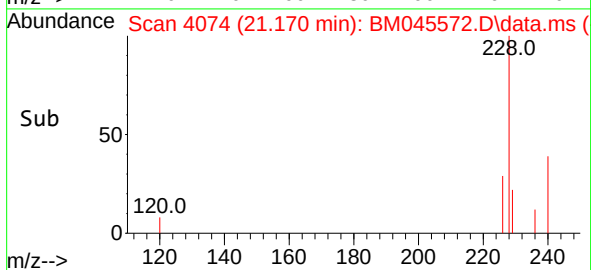
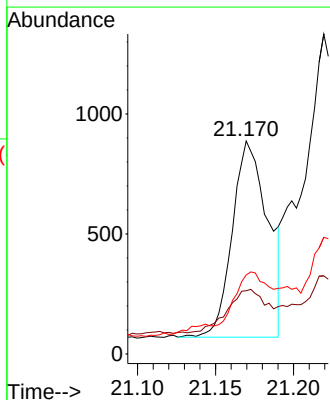
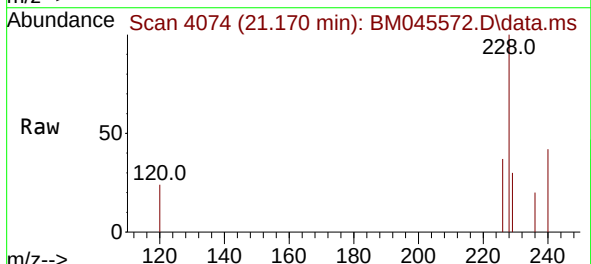
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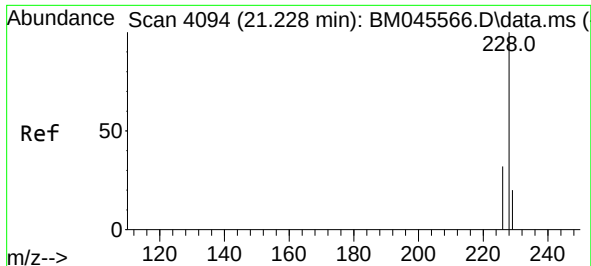
04/27/2024



#21
Benzo(a)anthracene
Concen: 0.211 ng/ul
RT: 21.170 min Scan# 4074
Delta R.T. -0.012 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

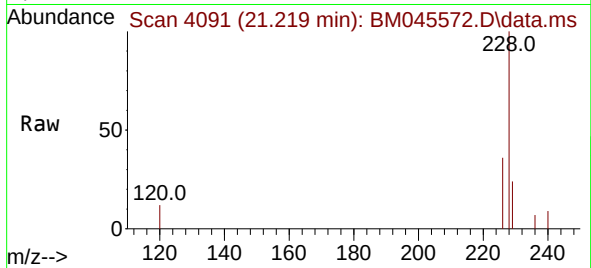
Tgt Ion:228 Resp: 1293
Ion Ratio Lower Upper
228 100
229 29.7 19.4 29.2#
226 37.1 26.3 39.5





#22
Chrysene
Concen: 0.249 ng/ul m
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

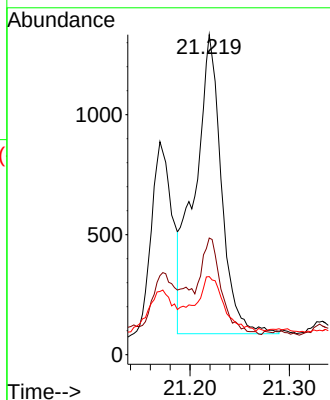
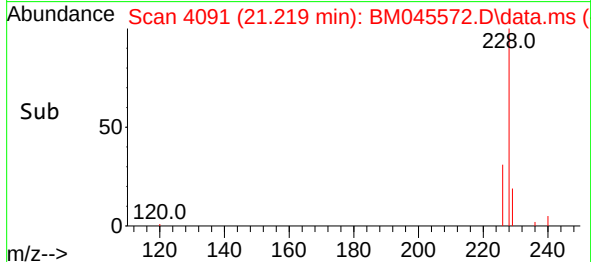
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:228 Resp: 2344
Ion Ratio Lower Upper
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226 36.5 26.3 39.5
229 24.4 17.8 26.8

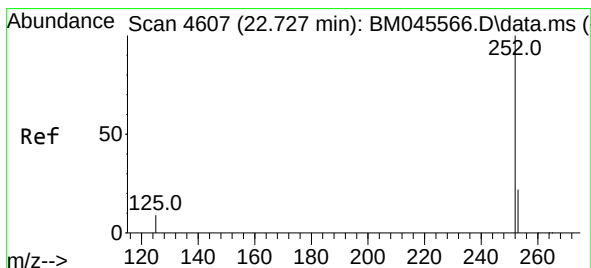
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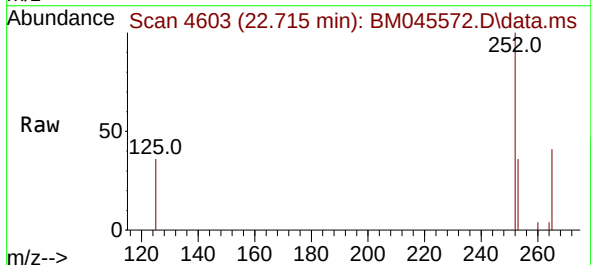


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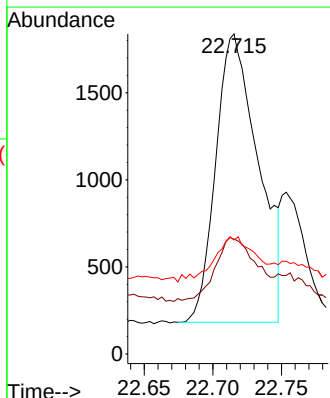
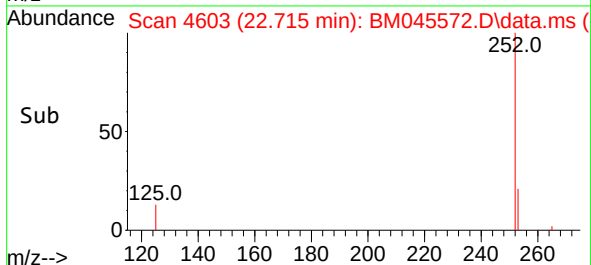
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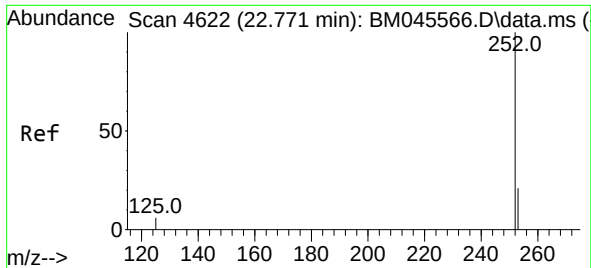


#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 22.715 min Scan# 4603
Delta R.T. -0.015 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56



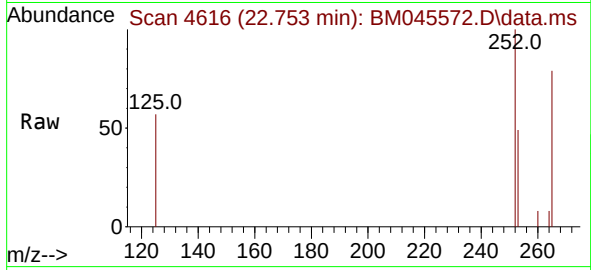
Tgt Ion:252 Resp: 3580
Ion Ratio Lower Upper
252 100
253 35.9 0.0 63.4
125 35.6 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.753 min Scan# 4616
Delta R.T. -0.018 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

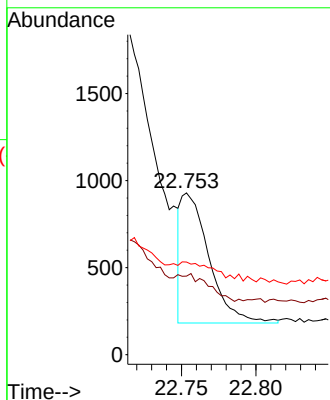
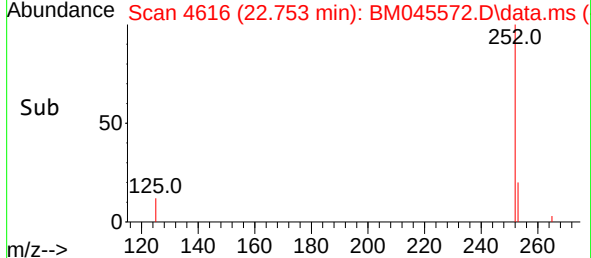
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:252 Resp: 977
Ion Ratio Lower Upper
252 100
253 48.5 25.4 38.0#
125 57.3 14.8 22.2#

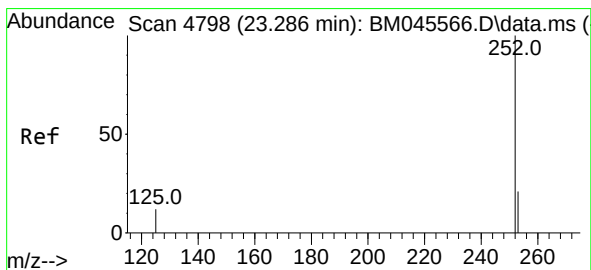
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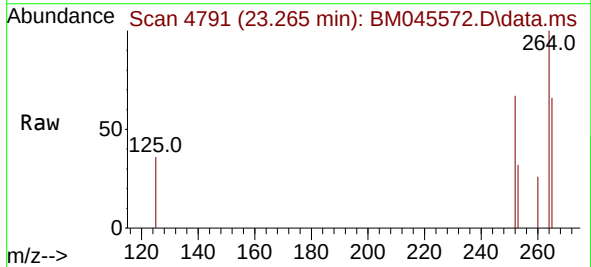


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ahmed

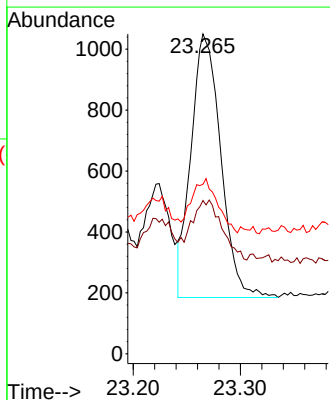
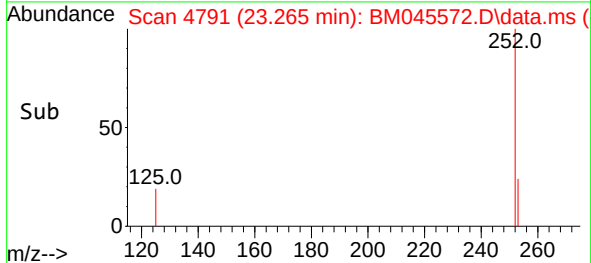
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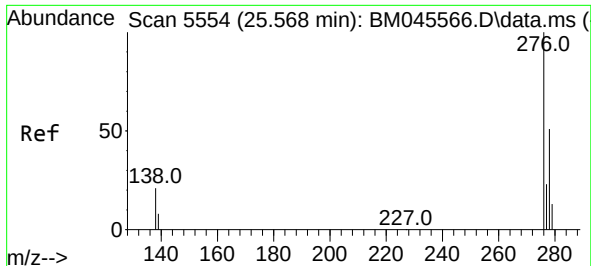


#26
Benzo(a)pyrene
Concen: 0.193 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.026 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56



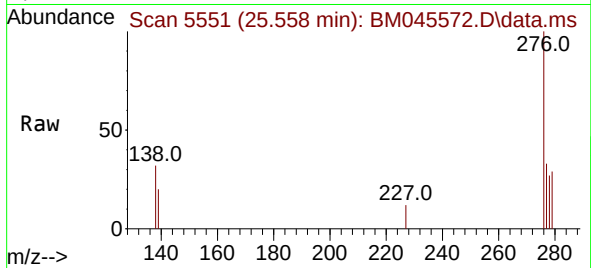
Tgt Ion:252 Resp: 1666
Ion Ratio Lower Upper
252 100
253 47.9 31.6 47.4#
125 53.0 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.167 ng/ul
RT: 25.558 min Scan# 5551
Delta R.T. -0.013 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

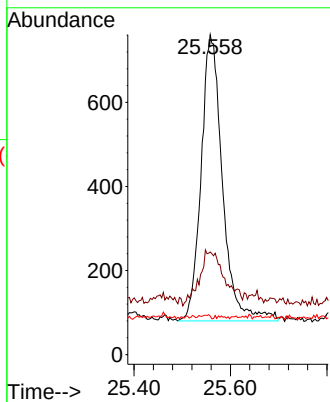
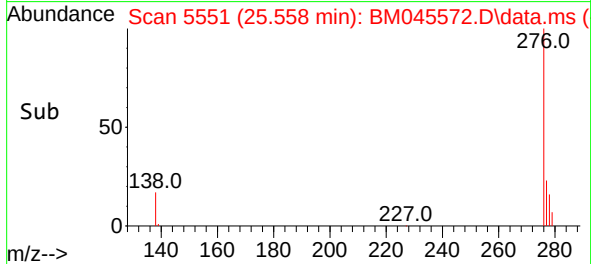
Instrument :
BNA_M
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Tgt Ion:276 Resp: 209
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.6
227 0.8 0.2 0.2

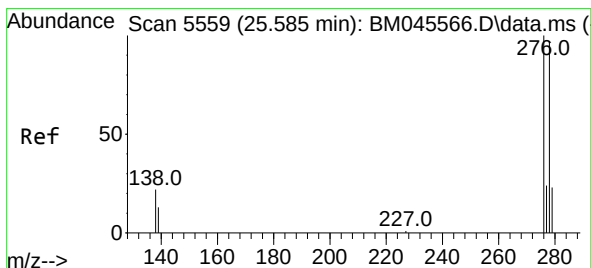
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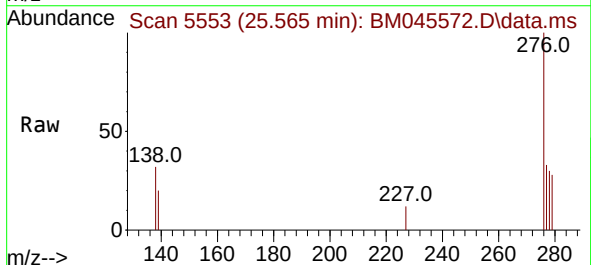


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ahmed

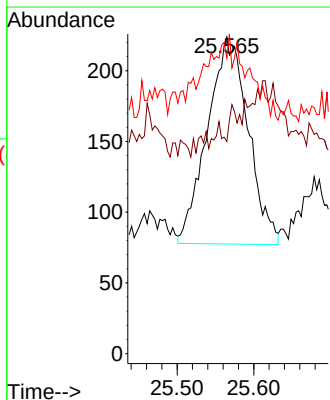
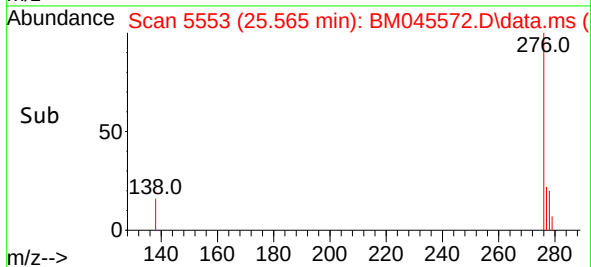
04/27/2024

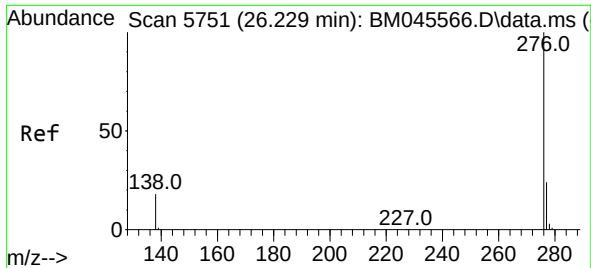


#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 25.565 min Scan# 5553
Delta R.T. -0.023 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56



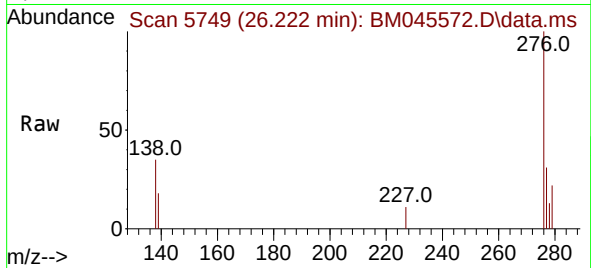
Tgt Ion:278 Resp: 540
Ion Ratio Lower Upper
278 100
139 67.0 19.0 28.6#
279 93.3 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM045572.D
Acq: 25 Apr 2024 20:56

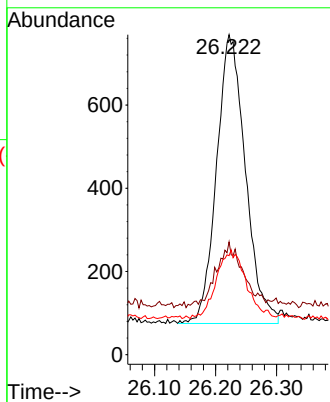
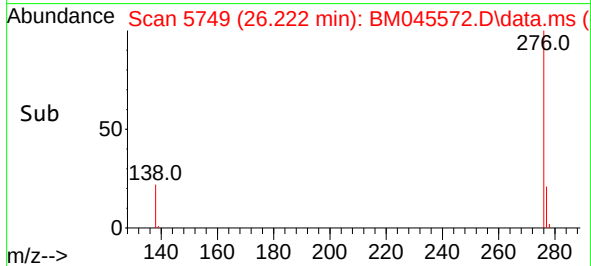
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:276 Resp: 2279
Ion Ratio Lower Upper
276 100
138 35.2 20.8 31.2
277 30.9 21.8 32.8

Manual Integrations
APPROVED

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



04/26/2024
Supervised By :mohammad
ahmed

04/27/2024