

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045532.D
 Acq On : 24 Apr 2024 17:33
 Operator : MA/JU
 Sample : P2164-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S96

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 19:08:44 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	7.551	152	1120	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	3212	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	1778	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3787m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.188	240	3408	0.400	ng/ul	# 0.00
23) Perylene-d12	23.379	264	3786m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4225	2.814	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	931	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	2075	0.193	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.364	128	272	0.032	ng/ul#	58
7) 2-Methylnaphthalene	12.008	142	137	0.028	ng/ul	97
8) 1-Methylnaphthalene	12.228	142	141	0.026	ng/ul	98
10) Acenaphthylene	13.923	152	1245	0.142	ng/ul#	92
15) Phenanthrene	17.005	178	3377	0.306	ng/ul	96
16) Anthracene	17.098	178	863	0.084	ng/ul#	85
19) Fluoranthene	19.038	202	7021	0.446	ng/ul	96
20) Pyrene	19.401	202	8679m	0.537	ng/ul	
21) Benzo(a)anthracene	21.173	228	3358	0.308	ng/ul	98
22) Chrysene	21.225	228	5074m	0.303	ng/ul	
24) Benzo(b)fluoranthene	22.722	252	6533m	0.513	ng/ul	
25) Benzo(k)fluoranthene	22.760	252	2551m	0.159	ng/ul	
26) Benzo(a)pyrene	23.271	252	4528	0.343	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.572	276	4245	0.221	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.585	278	969	0.064	ng/ul#	57
29) Benzo(g,h,i)perylene	26.236	276	4492	0.260	ng/ul	99

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

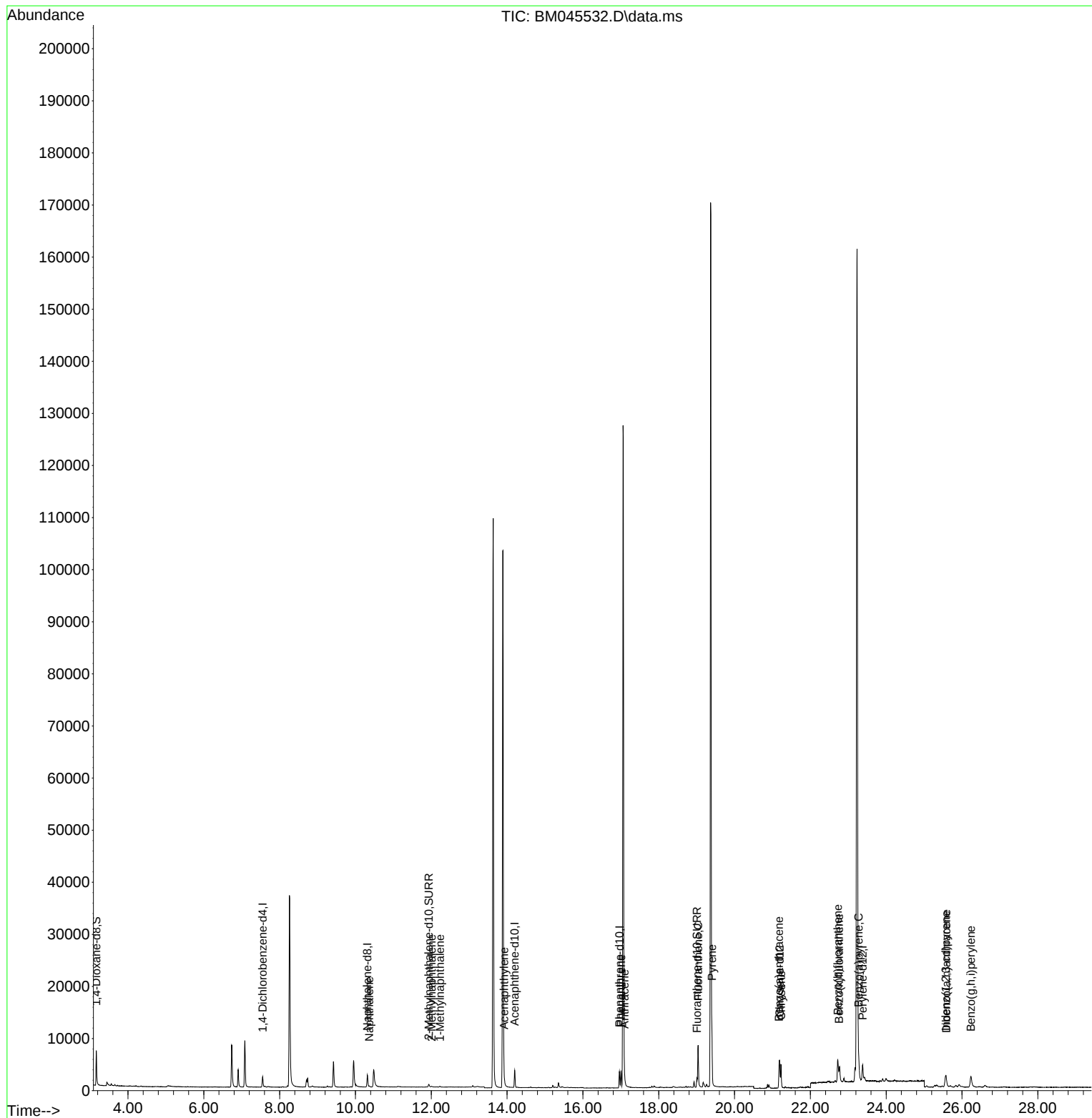
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045532.D
Acq On : 24 Apr 2024 17:33
Operator : MA/JU
Sample : P2164-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

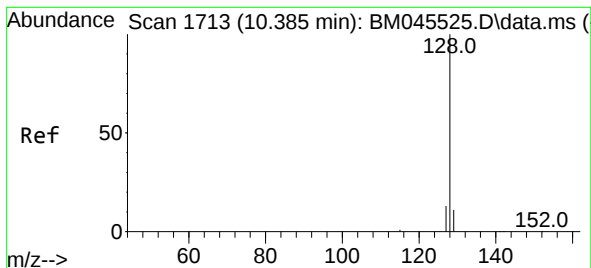
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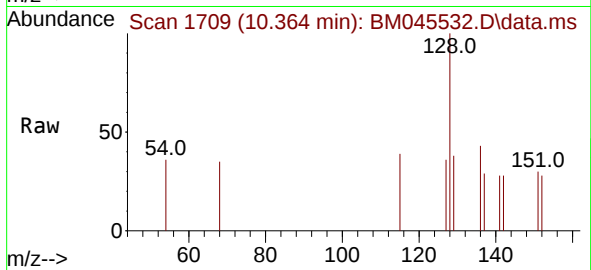
Quant Time: Apr 24 19:08:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.364 min Scan# 1713
Delta R.T. -0.016 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

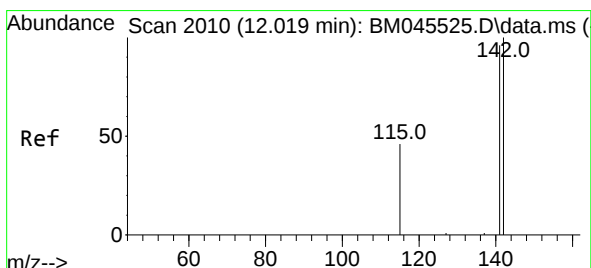
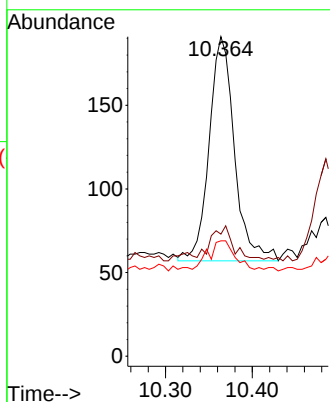
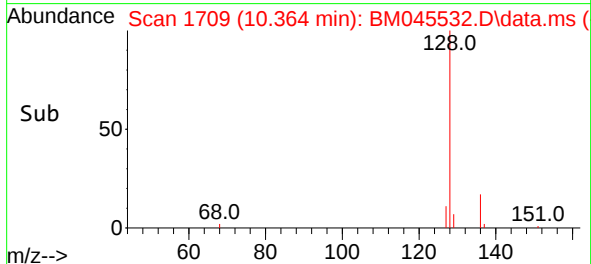
Instrument :
BNA_M
ClientSampleId :
C0S96



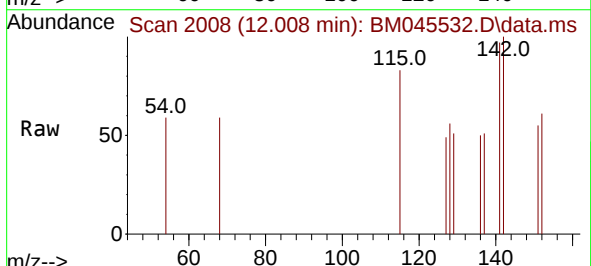
Tgt Ion:128 Resp: 272
Ion Ratio Lower Upper
128 100
129 38.2 14.0 21.0
127 36.1 15.4 23.2

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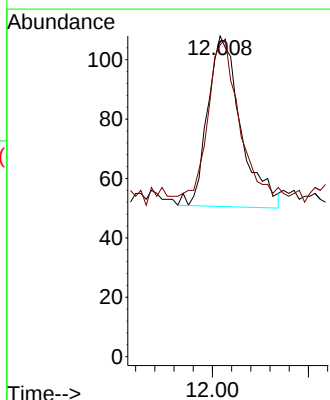
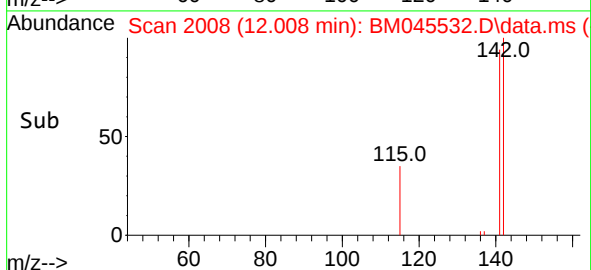
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

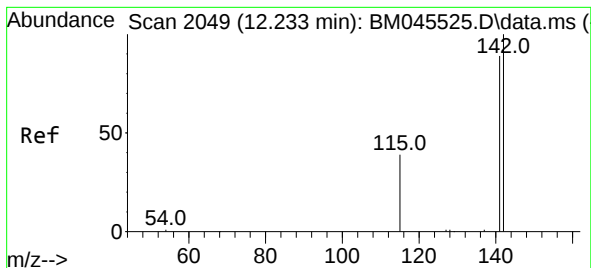


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33



Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
141 95.6 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.228 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BM045532.D

Acq: 24 Apr 2024 17:33

Instrument :

BNA_M

ClientSampleId :

COS96

Tgt Ion:142 Resp: 142

Ion Ratio Lower Upper

142 100

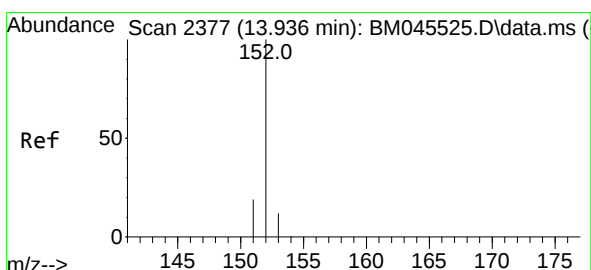
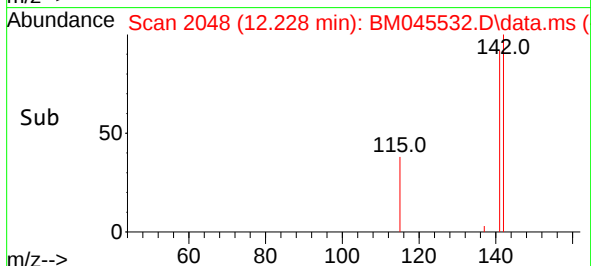
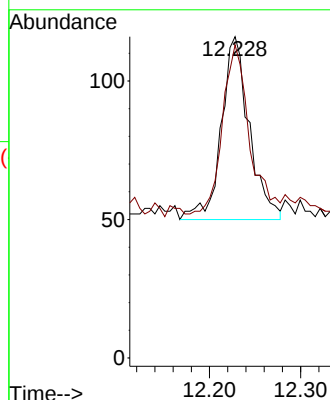
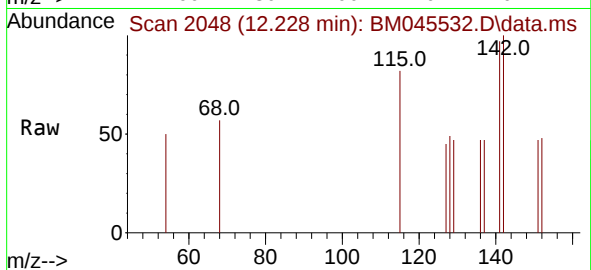
141 97.2 76.1 114.1

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#10

Acenaphthylene

Concen: 0.142 ng/ul

RT: 13.923 min Scan# 2374

Delta R.T. -0.004 min

Lab File: BM045532.D

Acq: 24 Apr 2024 17:33

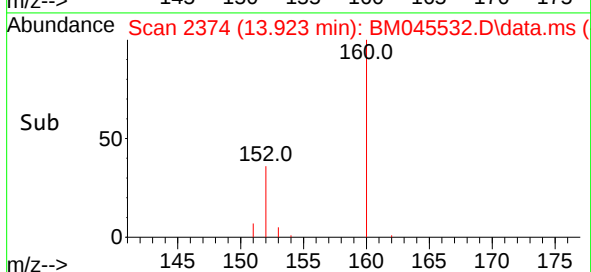
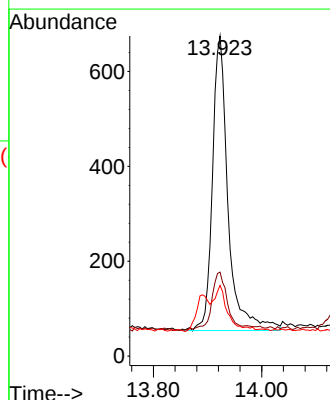
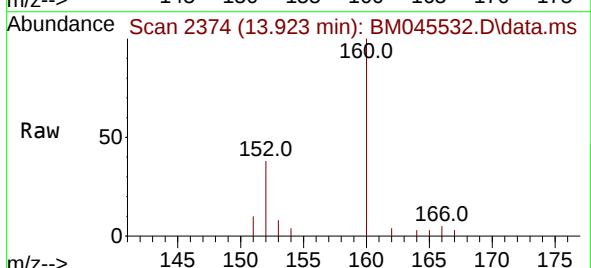
Tgt Ion:152 Resp: 1245

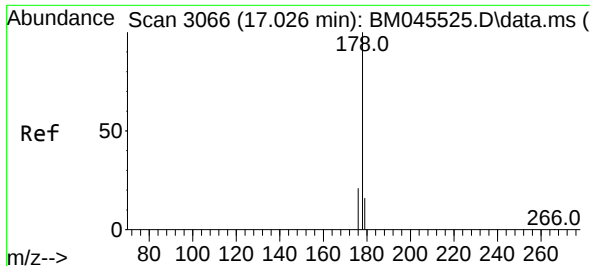
Ion Ratio Lower Upper

152 100

151 26.2 18.6 28.0

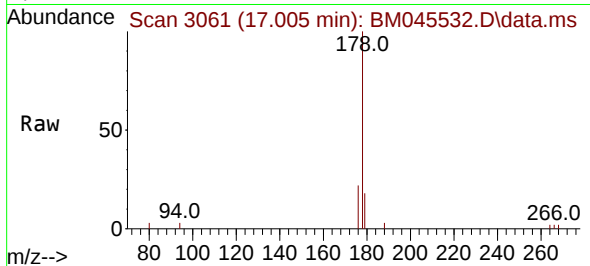
153 22.1 14.1 21.1#





#15
Phenanthrene
Concen: 0.306 ng/u1
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

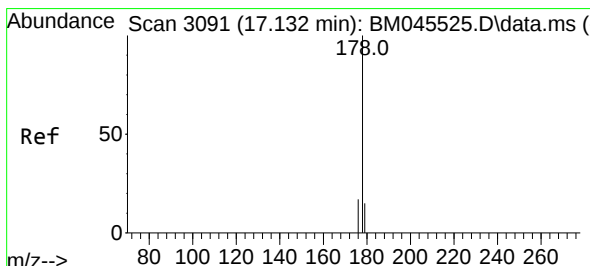
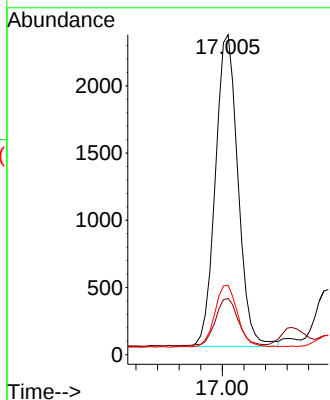
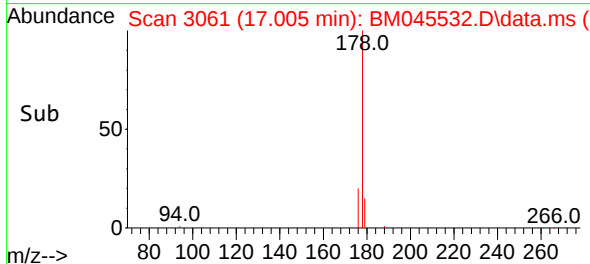
Instrument :
BNA_M
ClientSampleId :
C0S96



Tgt Ion:178 Resp: 337
Ion Ratio Lower Upper
178 100
179 17.6 15.4 23.2
176 21.7 19.0 28.4

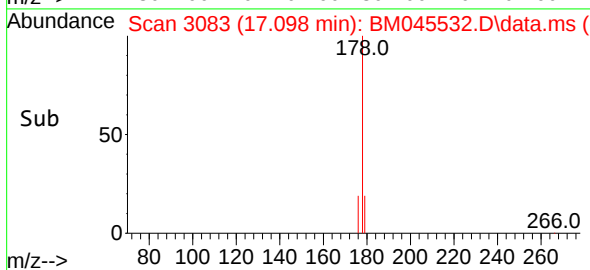
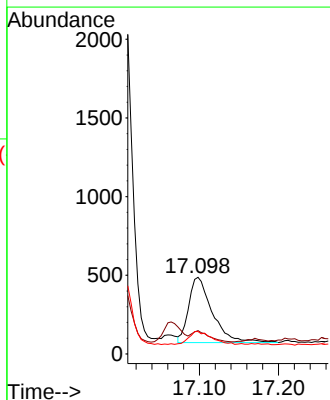
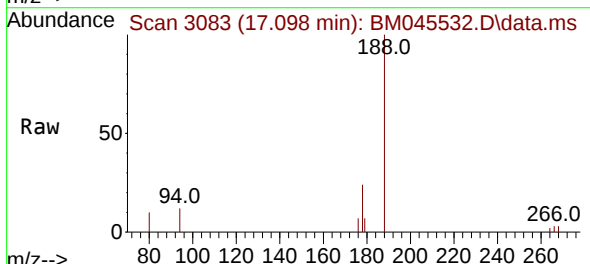
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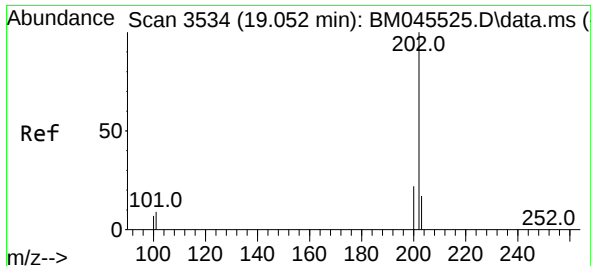
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.084 ng/u1
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

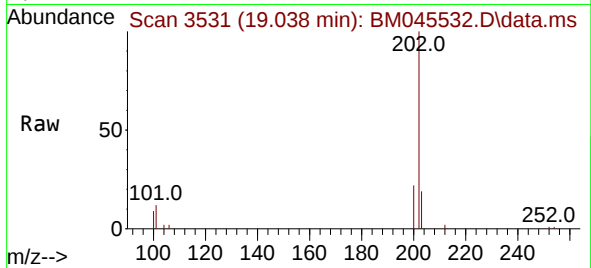
Tgt Ion:178 Resp: 863
Ion Ratio Lower Upper
178 100
179 30.6 17.8 26.6#
176 29.2 18.7 28.1#





#19
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.038 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

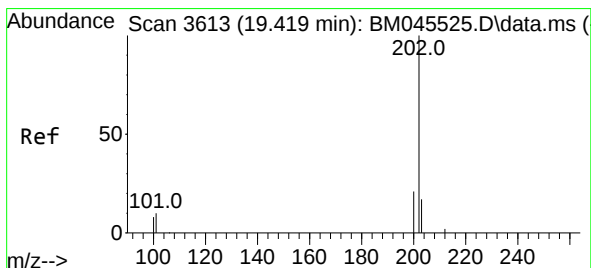
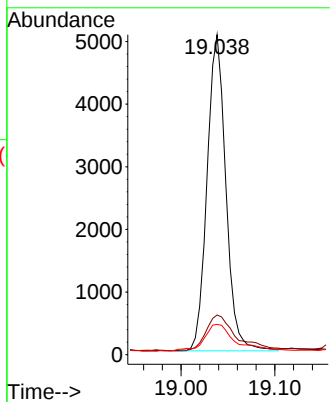
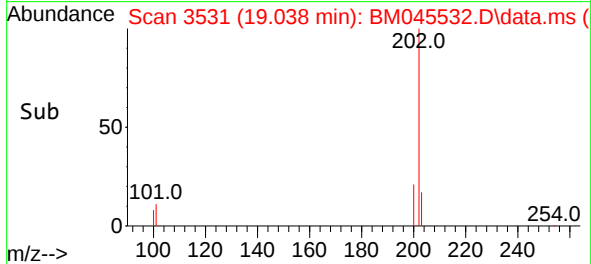
Instrument :
BNA_M
ClientSampleId :
C0S96



Tgt Ion:202 Resp: 702
Ion Ratio Lower Upper
202 100
101 12.4 11.2 16.8
100 9.4 9.1 13.7

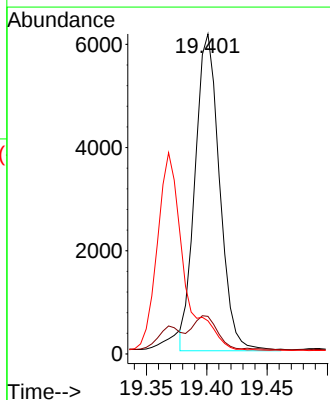
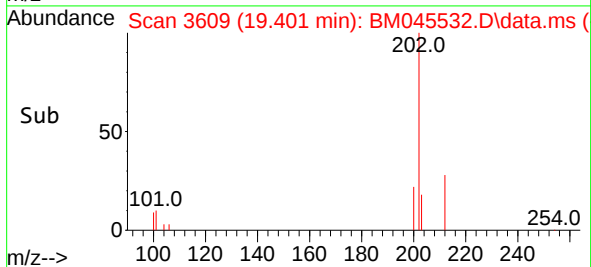
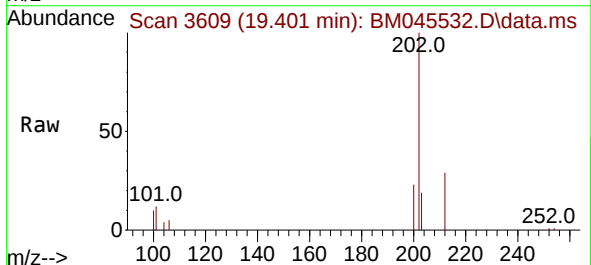
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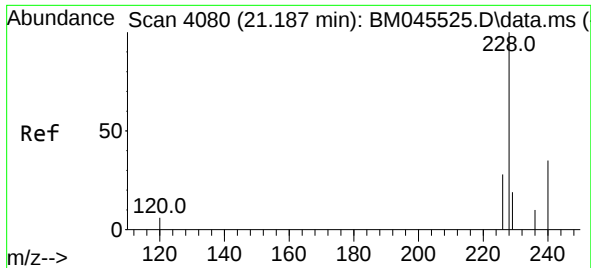
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.537 ng/ul m
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

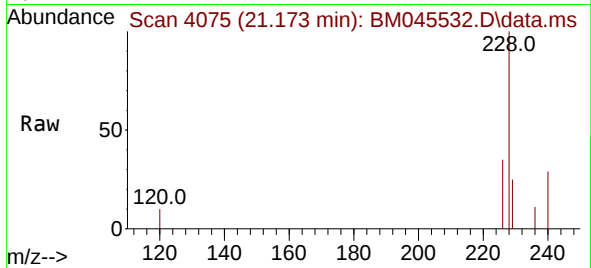
Tgt Ion:202 Resp: 8679
Ion Ratio Lower Upper
202 100
101 11.8 11.5 17.3
100 10.4 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.173 min Scan# 4080
Delta R.T. -0.008 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

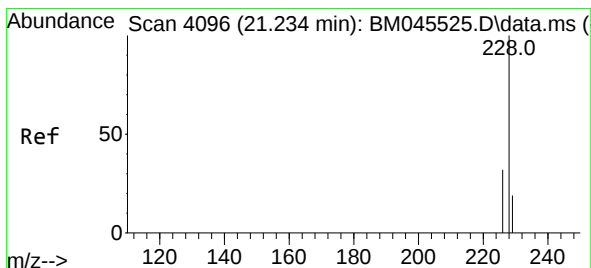
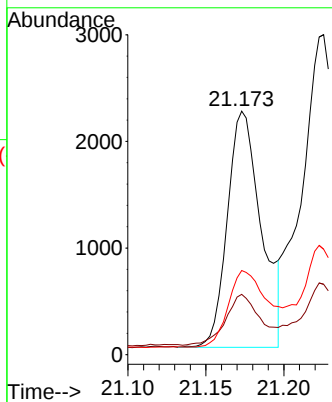
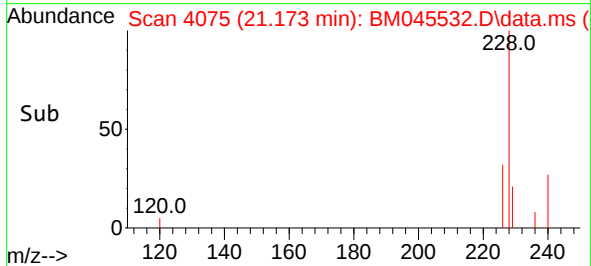
Instrument :
BNA_M
ClientSampleId :
C0S96



Tgt Ion:228 Resp: 3358
Ion Ratio Lower Upper
228 100
229 24.8 19.4 29.2
226 34.6 26.3 39.5

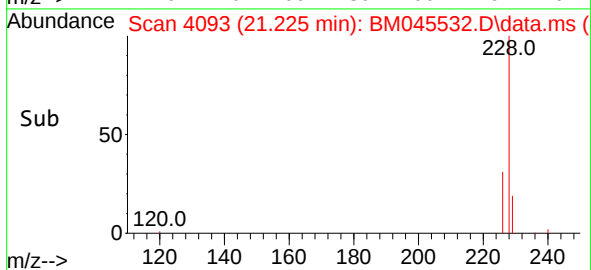
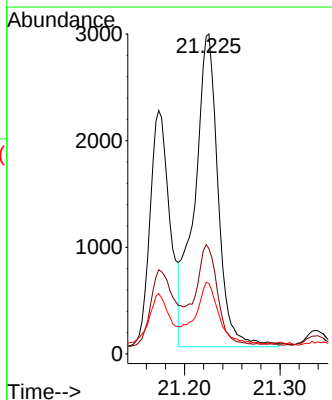
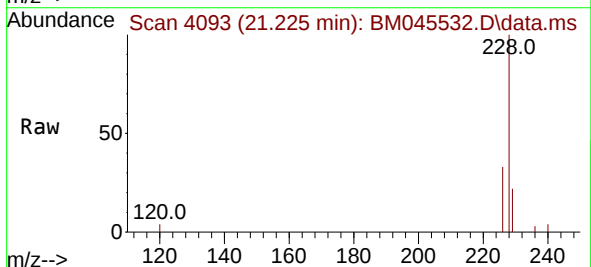
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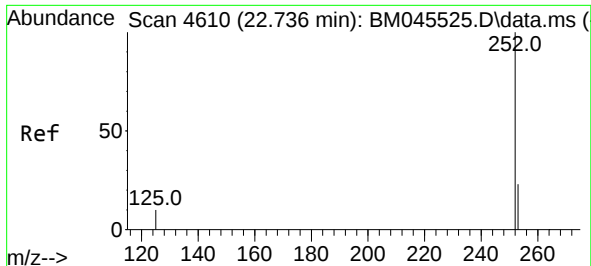
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.303 ng/ul m
RT: 21.225 min Scan# 4093
Delta R.T. -0.003 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

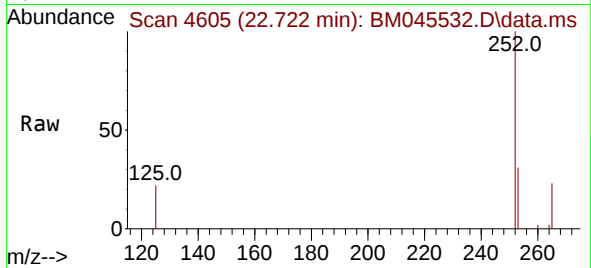
Tgt Ion:228 Resp: 5074
Ion Ratio Lower Upper
228 100
226 33.0 26.3 39.5
229 22.0 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.513 ng/ul m
RT: 22.722 min Scan# 4605
Delta R.T. -0.008 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

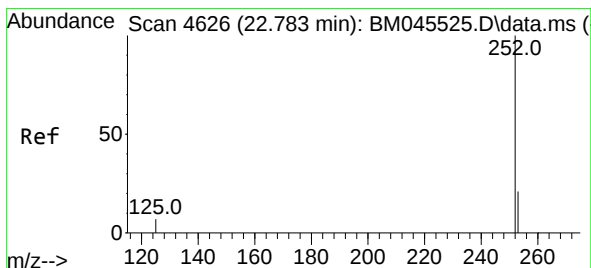
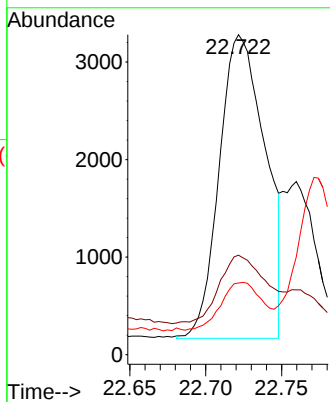
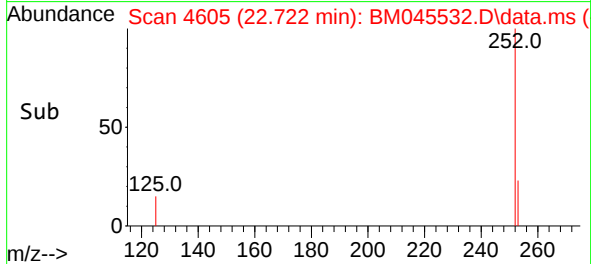
Instrument :
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C0S96



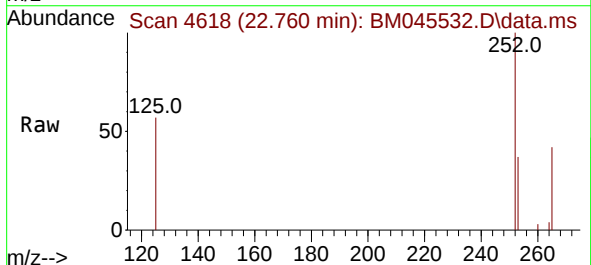
Tgt Ion:252 Resp: 653
Ion Ratio Lower Upper
252 100
253 31.1 0.0 63.4
125 22.4 0.0 36.8

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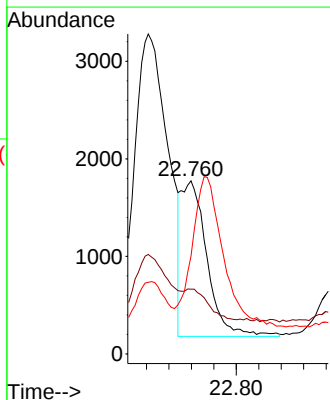
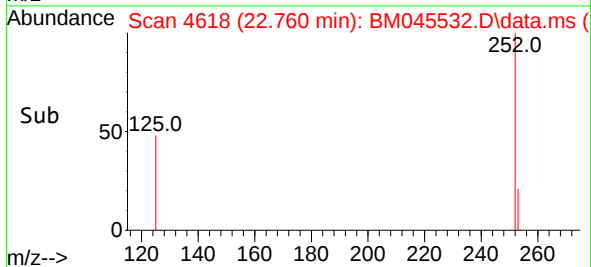
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

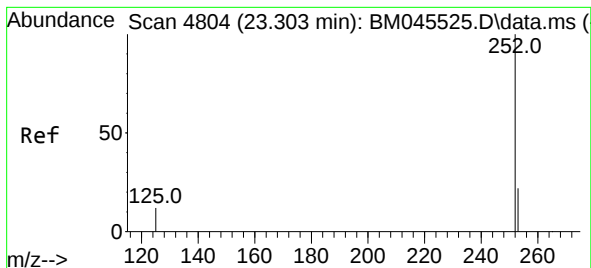


#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.760 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33



Tgt Ion:252 Resp: 2551
Ion Ratio Lower Upper
252 100
253 37.4 25.4 38.0
125 56.5 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.271 min Scan# 41

Delta R.T. -0.020 min

Lab File: BM045532.D

Acq: 24 Apr 2024 17:33

Instrument :

BNM_M

ClientSampleId :

COS96

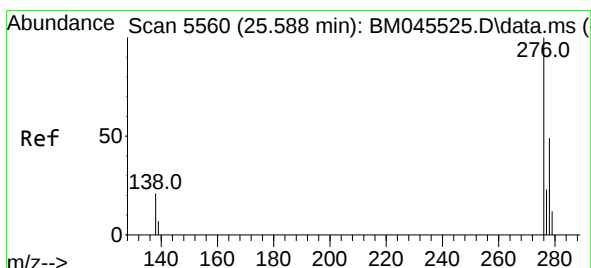
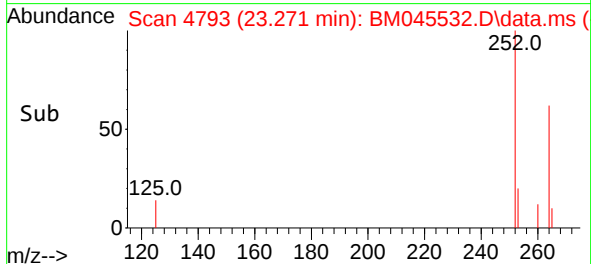
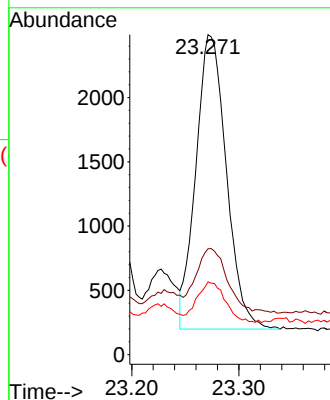
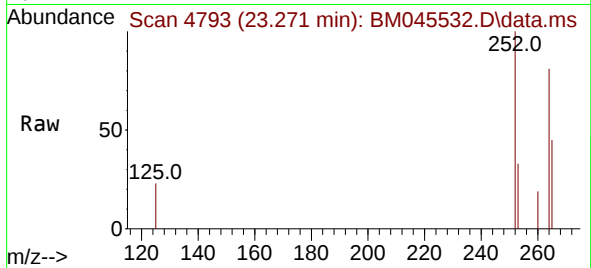
Tgt Ion:	252	Resp:	452
Ion Ratio	Lower	Upper	
252	100		
253	33.1	31.6	47.4
125	22.7	19.5	29.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.221 ng/ul

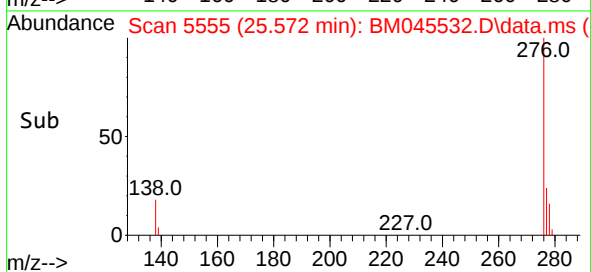
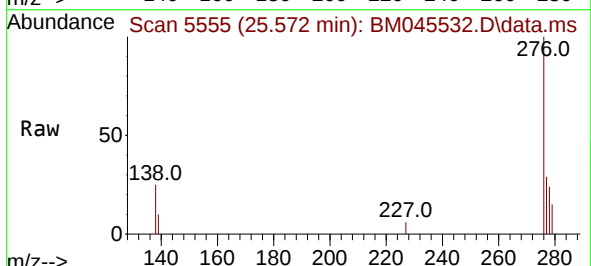
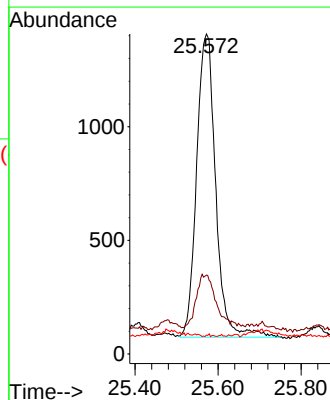
RT: 25.572 min Scan# 5555

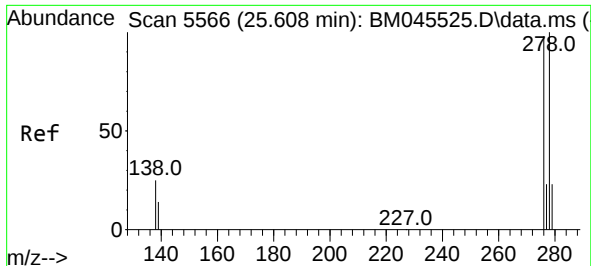
Delta R.T. 0.000 min

Lab File: BM045532.D

Acq: 24 Apr 2024 17:33

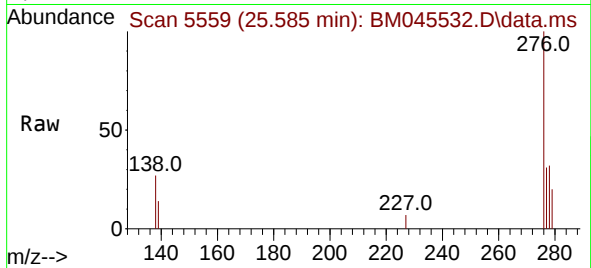
Tgt Ion:	276	Resp:	4245
Ion Ratio	Lower	Upper	
276	100		
138	20.0	19.8	29.6
227	0.1	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 25.585 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

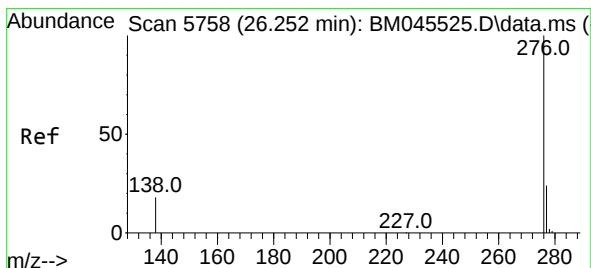
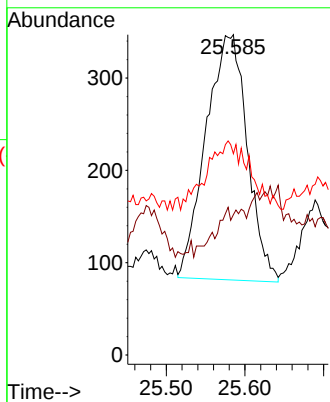
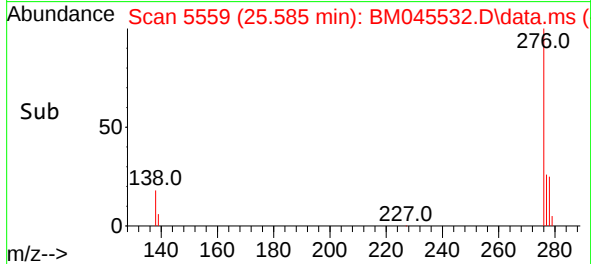
Instrument :
BNA_M
ClientSampleId :
C0S96



Tgt Ion:278 Resp: 969
Ion Ratio Lower Upper
278 100
139 43.8 19.0 28.6
279 62.8 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.260 ng/ul
RT: 26.236 min Scan# 5753
Delta R.T. 0.000 min
Lab File: BM045532.D
Acq: 24 Apr 2024 17:33

Tgt Ion:276 Resp: 4492
Ion Ratio Lower Upper
276 100
138 25.1 20.8 31.2
277 27.3 21.8 32.8

