

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046316.D
 Acq On : 26 Jun 2024 06:40
 Operator : MA/JU
 Sample : P2909-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CP0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 07:10:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2444	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.166	136	7244	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.044	164	4067	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.791	188	9266m	0.400	ng/ul	-0.05
17) Chrysene-d12	20.994	240	6988m	0.400	ng/ul	-0.02
23) Perylene-d12	23.083	264	7719m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	7426	2.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	1999	0.206	ng/ul	-0.06
18) Fluoranthene-d10	18.821	212	4579	0.219	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.216	128	3653	0.181	ng/ul	98
7) 2-Methylnaphthalene	11.866	142	1174	0.103	ng/ul	99
8) 1-Methylnaphthalene	12.075	142	982	0.079	ng/ul	99
10) Acenaphthylene	13.757	152	8720	0.452	ng/ul	99
11) Acenaphthene	14.104	153	3596	0.258	ng/ul	98
12) Fluorene	15.099	166	4232	0.283	ng/ul	97
15) Phenanthrene	16.829	178	103677m	3.983	ng/ul	
16) Anthracene	16.922	178	19283m	0.995	ng/ul	
19) Fluoranthene	18.853	202	250897	8.292	ng/ul	95
20) Pyrene	19.216	202	165826	5.068	ng/ul	95
21) Benzo(a)anthracene	20.976	228	106094	3.931	ng/ul	100
22) Chrysene	21.029	228	117997	3.425	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	172575m	6.206	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	59382m	1.796	ng/ul	
26) Benzo(a)pyrene	22.992	252	54183	2.103	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.121	276	61697	1.463	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.121	278	22810	0.726	ng/ul	95
29) Benzo(g,h,i)perylene	25.742	276	8351	0.231	ng/ul#	89

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

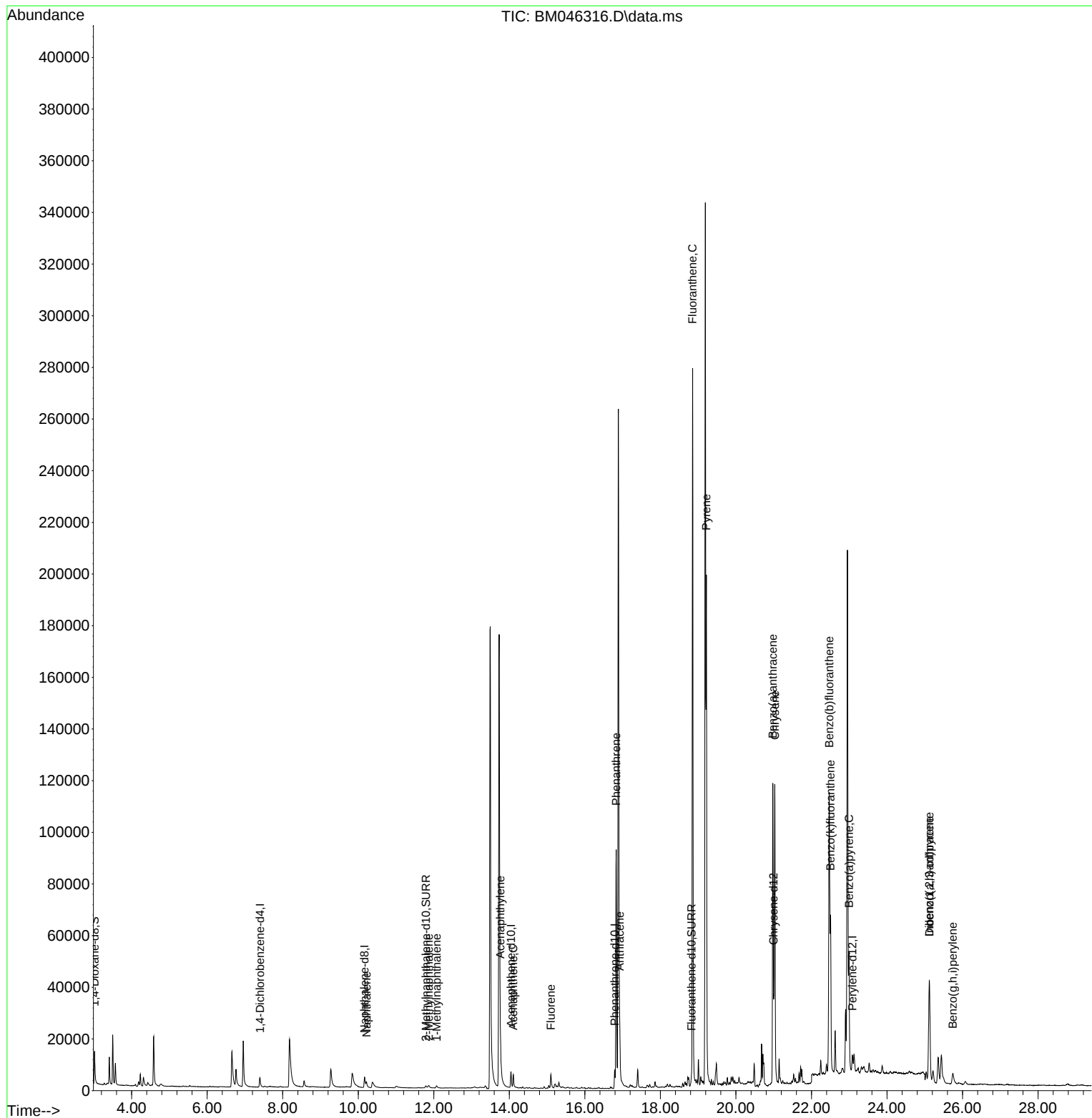
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046316.D
Acq On : 26 Jun 2024 06:40
Operator : MA/JU
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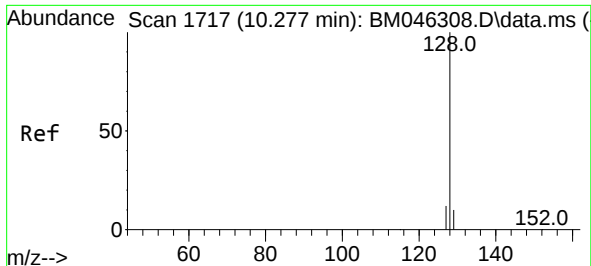
Instrument :
BNA_M
ClientSampleId :
A4CP0

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Supervised By :mohammad ahmed 06/27/2024

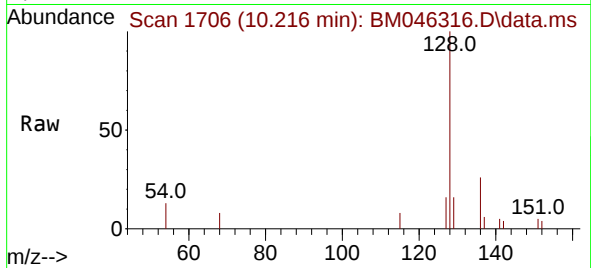
Quant Time: Jun 26 07:10:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.181 ng/ul
RT: 10.216 min Scan# 1717
Delta R.T. -0.061 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

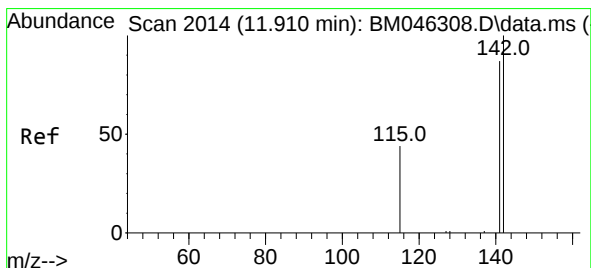
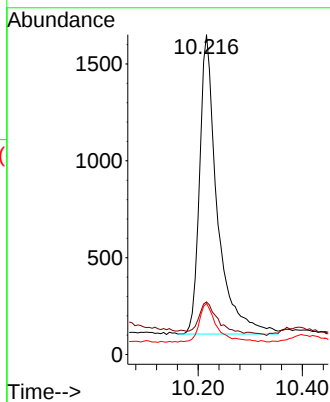
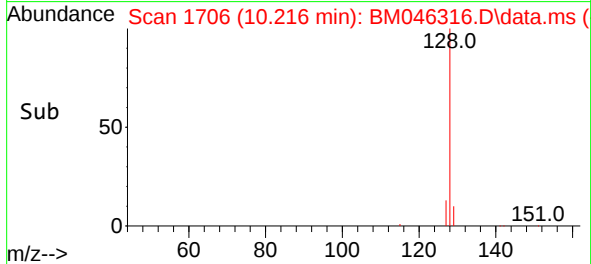
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:128 Resp: 365
Ion Ratio Lower Upper
128 100
129 16.5 11.8 17.6
127 16.1 12.8 19.2

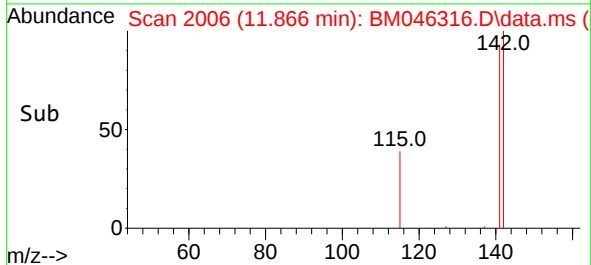
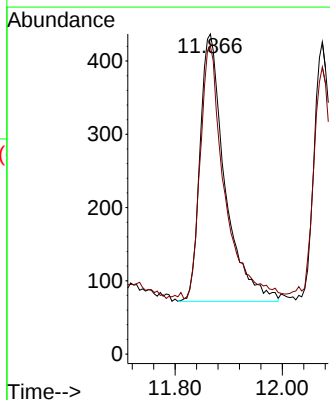
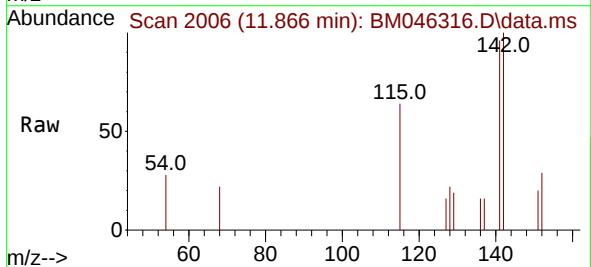
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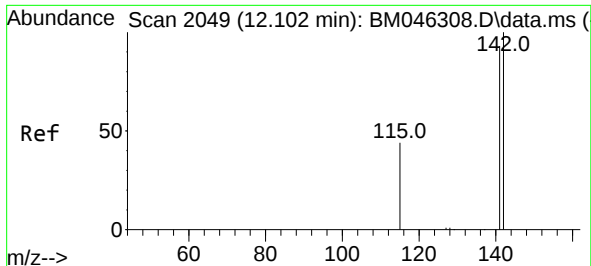
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.044 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

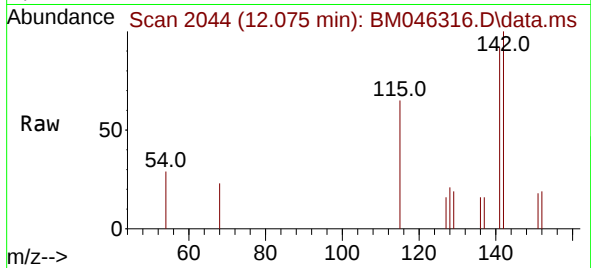
Tgt Ion:142 Resp: 1174
Ion Ratio Lower Upper
142 100
141 91.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.075 min Scan# 2049
Delta R.T. -0.028 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

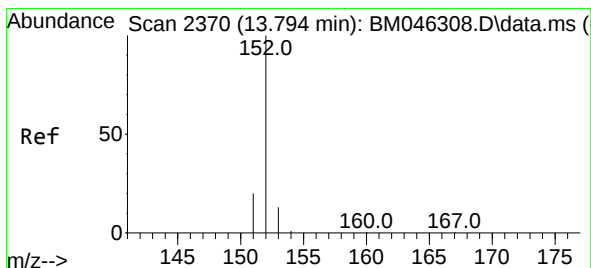
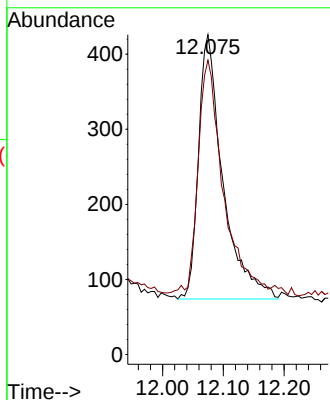
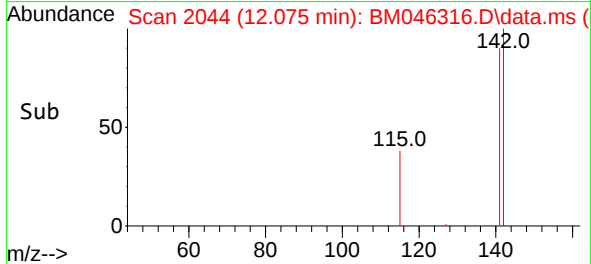
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:142 Resp: 982
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8

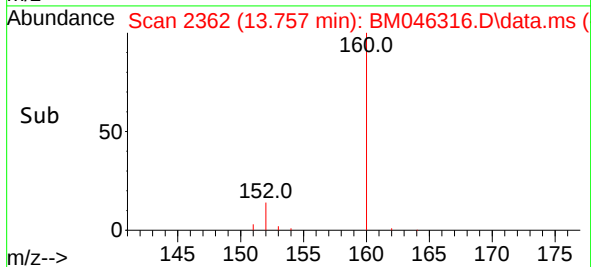
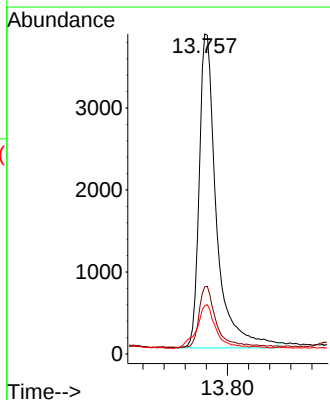
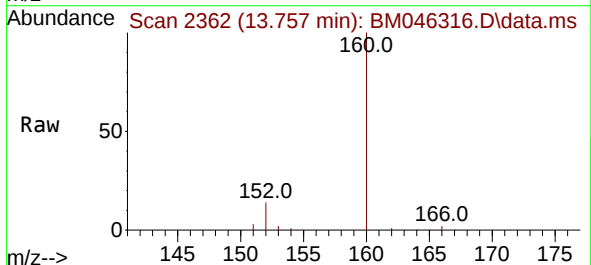
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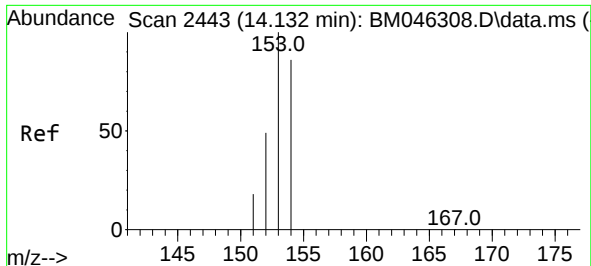
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 13.757 min Scan# 2362
Delta R.T. -0.037 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

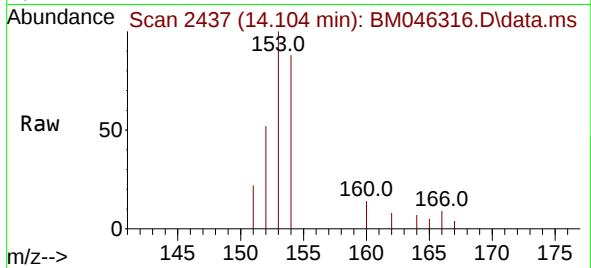
Tgt Ion:152 Resp: 8720
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.2
153 15.1 11.8 17.8





#11
Acenaphthene
Concen: 0.258 ng/u1
RT: 14.104 min Scan# 2443
Delta R.T. -0.028 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

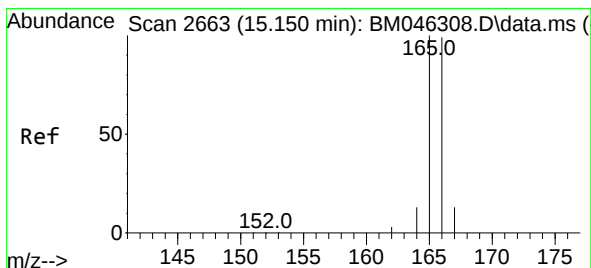
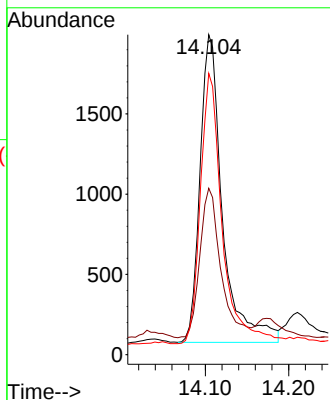
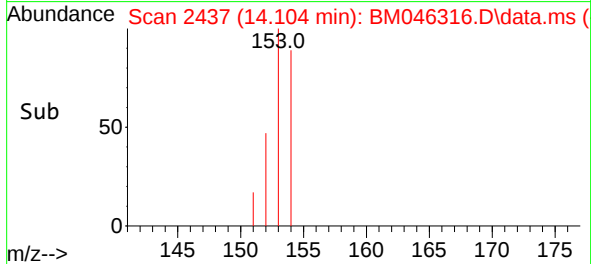
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:153 Resp: 3590
Ion Ratio Lower Upper
153 100
152 52.0 41.3 61.9
154 87.9 68.2 102.4

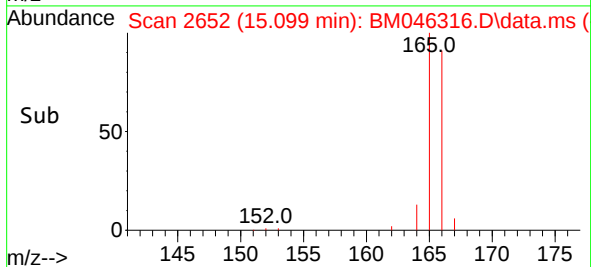
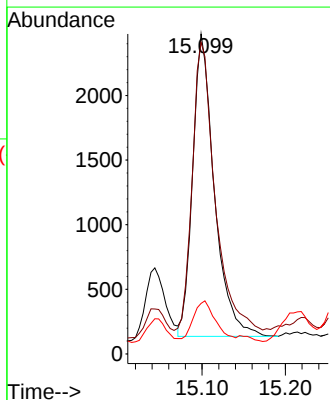
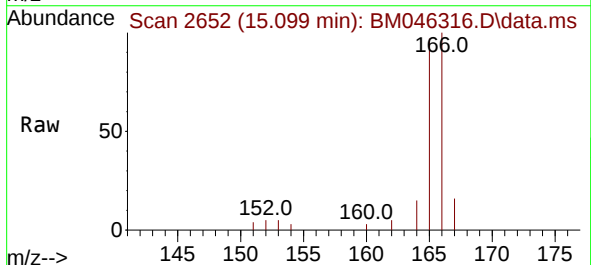
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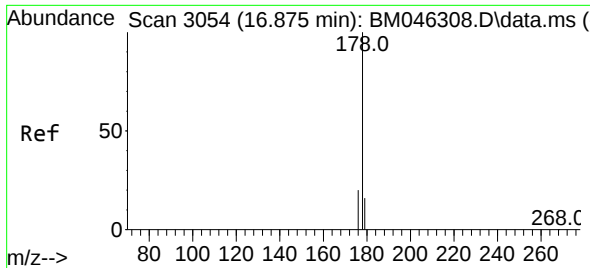
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.283 ng/u1
RT: 15.099 min Scan# 2652
Delta R.T. -0.051 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

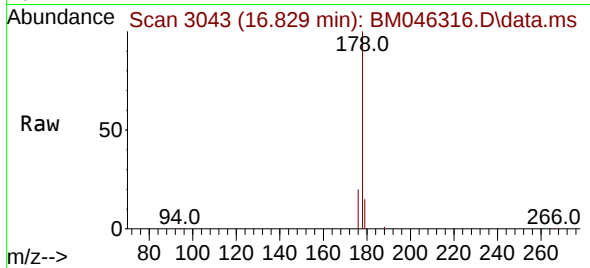
Tgt Ion:166 Resp: 4232
Ion Ratio Lower Upper
166 100
165 97.3 80.4 120.6
167 15.8 12.4 18.6





#15
Phenanthrene
Concen: 3.983 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. -0.047 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

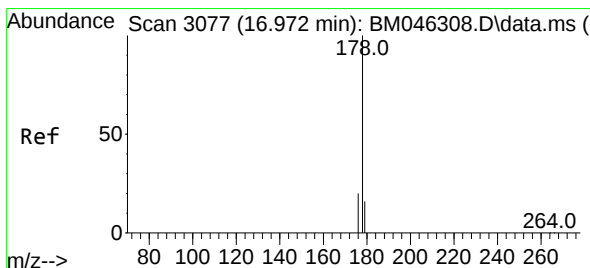
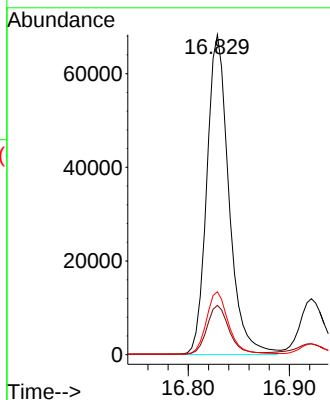
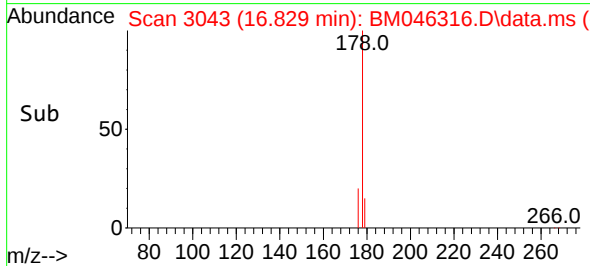
Instrument :
BNA_M
ClientSampleId :
A4CP0



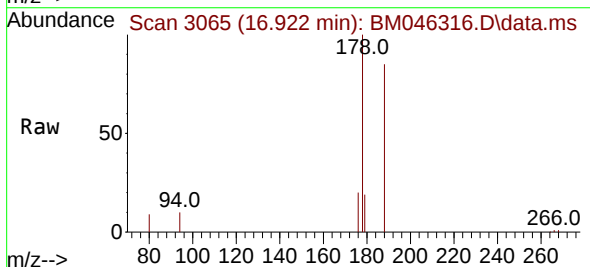
Tgt Ion:178 Resp: 10367
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.7 17.1 25.7

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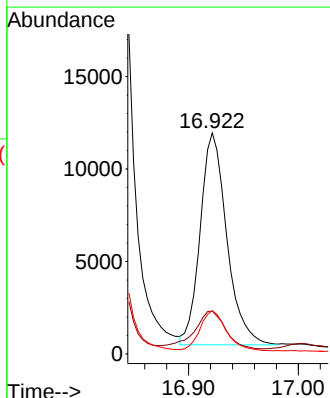
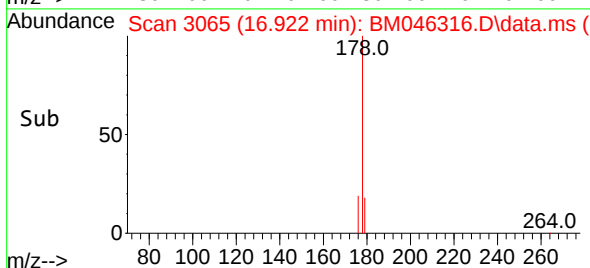
Reviewed By :Yogesh Patel 06/26/2024
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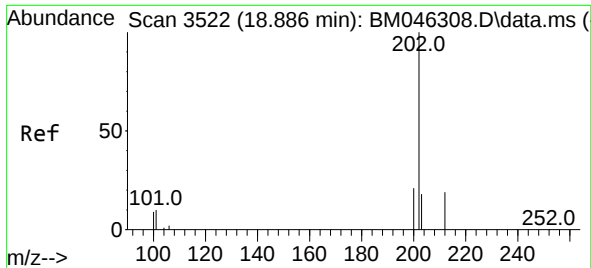


#16
Anthracene
Concen: 0.995 ng/ul m
RT: 16.922 min Scan# 3065
Delta R.T. -0.051 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40



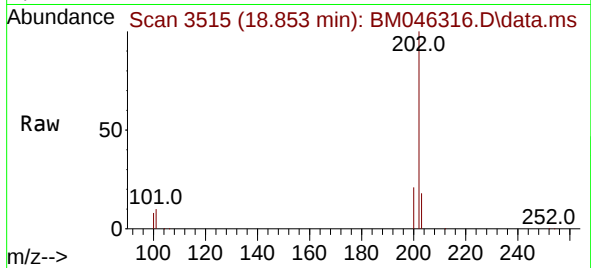
Tgt Ion:178 Resp: 19283
Ion Ratio Lower Upper
178 100
179 19.4 14.9 22.3
176 19.5 17.0 25.4





#19
Fluoranthene
Concen: 8.292 ng/u1
RT: 18.853 min Scan# 315
Delta R.T. -0.033 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

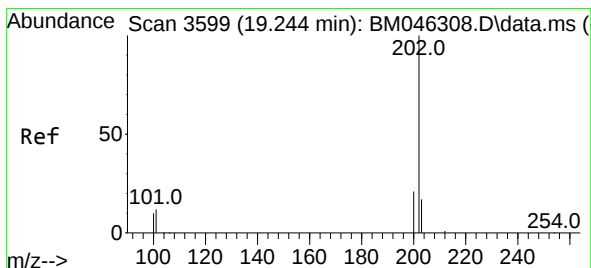
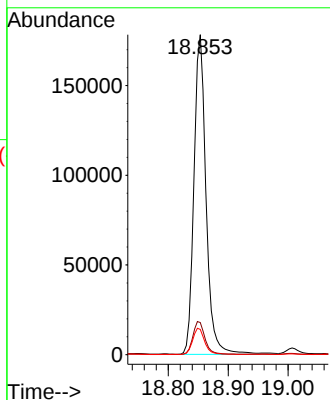
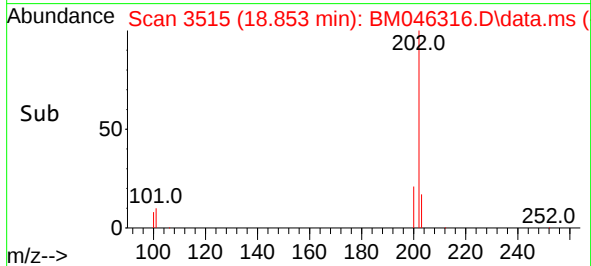
Instrument :
BNA_M
ClientSampleId :
A4CP0



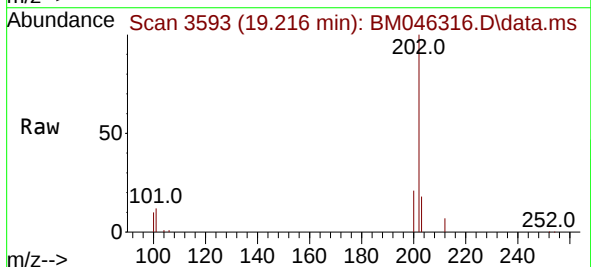
Tgt Ion:202 Resp: 25089
Ion Ratio Lower Upper
202 100
101 10.1 9.6 14.4
100 7.9 7.6 11.4

Manual Integrations
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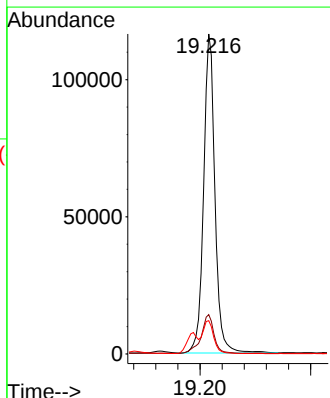
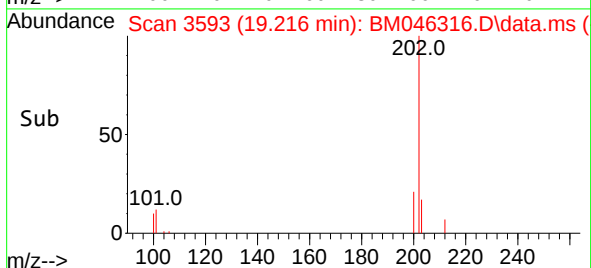
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

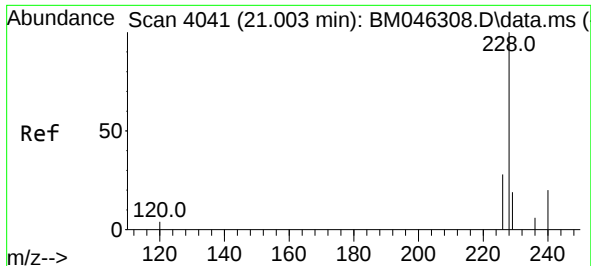


#20
Pyrene
Concen: 5.068 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. -0.028 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40



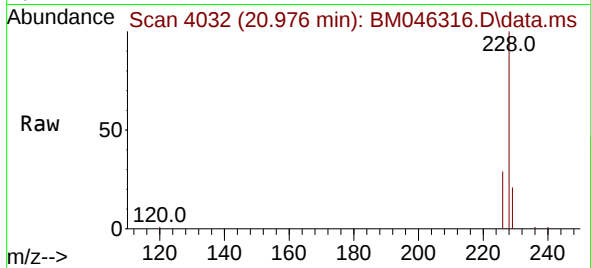
Tgt Ion:202 Resp: 165826
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.931 ng/ul
RT: 20.976 min Scan# 4032
Delta R.T. -0.026 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

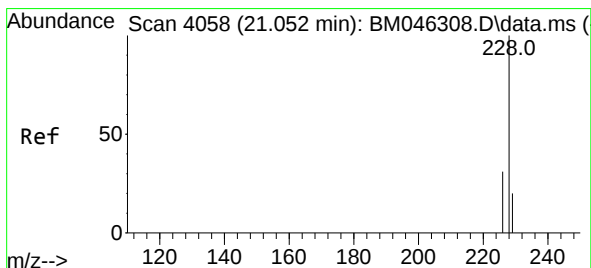
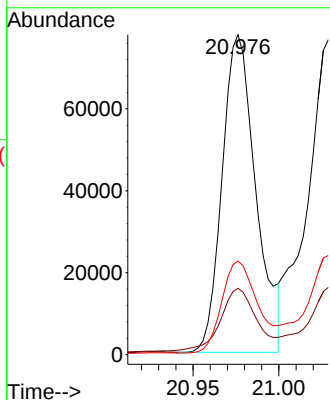
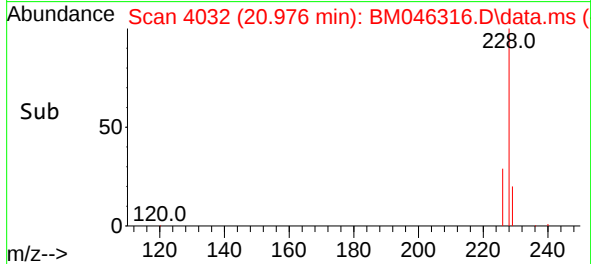
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:228 Resp: 106094
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.2 23.4 35.2

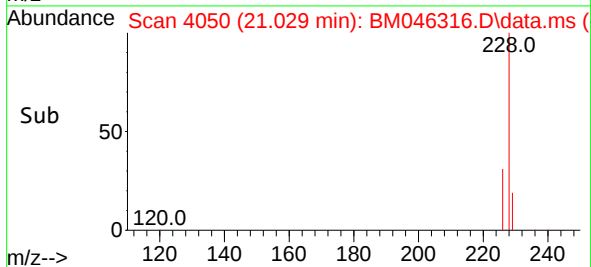
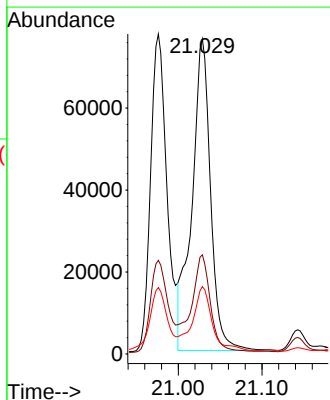
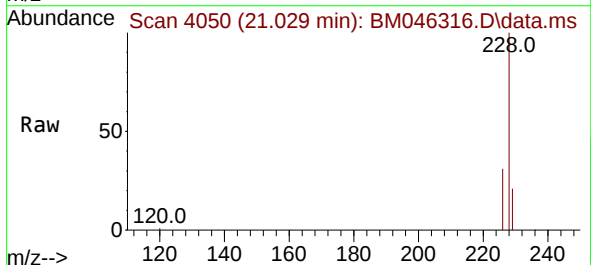
Manual Integrations
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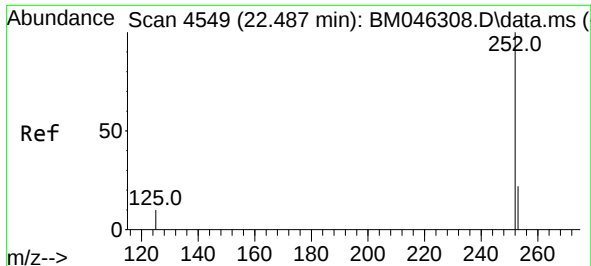
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 3.425 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.023 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

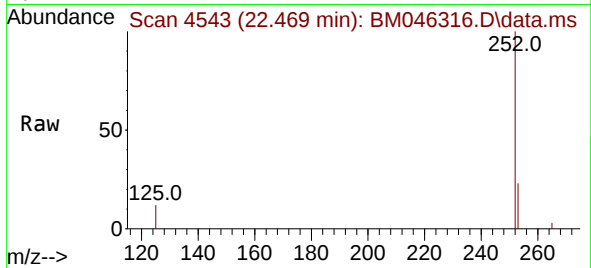
Tgt Ion:228 Resp: 117997
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 6.206 ng/ul m
RT: 22.469 min Scan# 4543
Delta R.T. -0.018 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

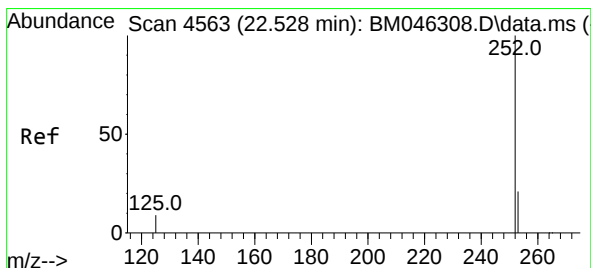
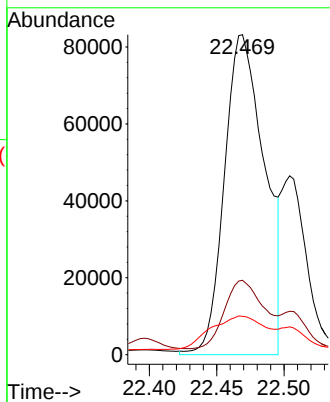
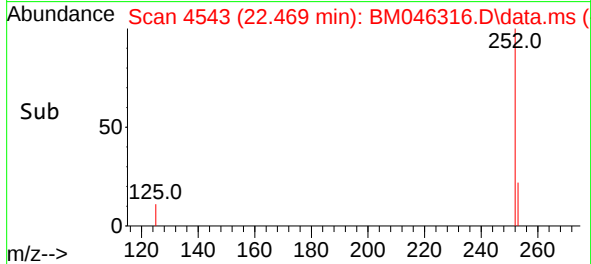
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:252 Resp: 17257
Ion Ratio Lower Upper
252 100
253 23.2 0.0 65.8
125 12.0 0.0 40.2

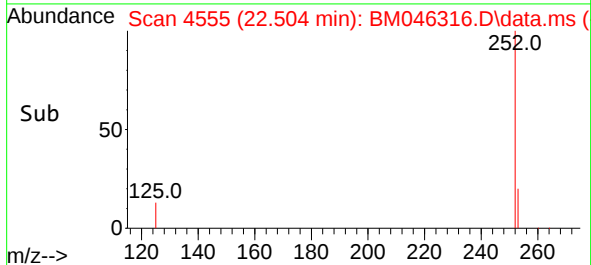
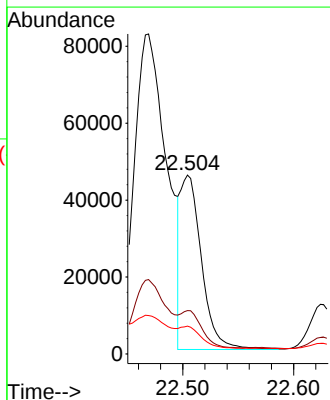
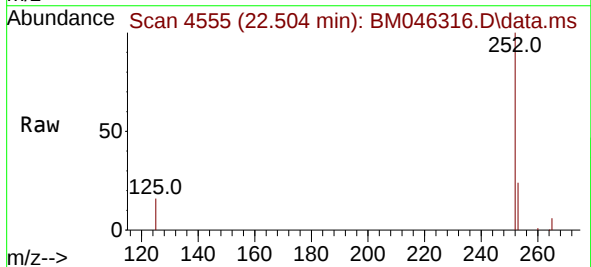
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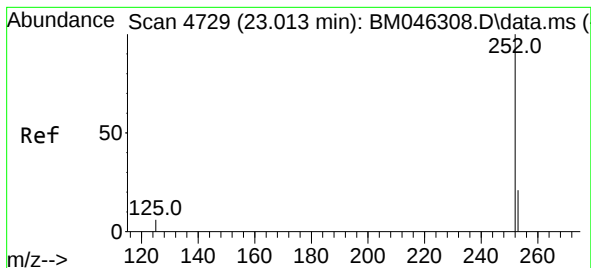
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 1.796 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.024 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

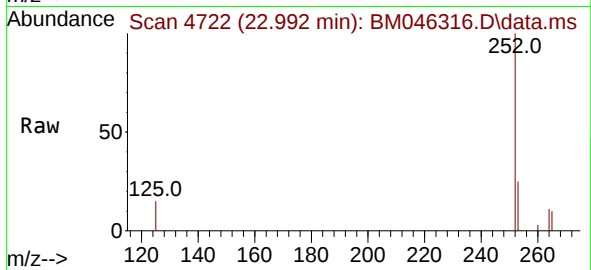
Tgt Ion:252 Resp: 59382
Ion Ratio Lower Upper
252 100
253 24.3 27.2 40.8#
125 15.5 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.103 ng/ul
RT: 22.992 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

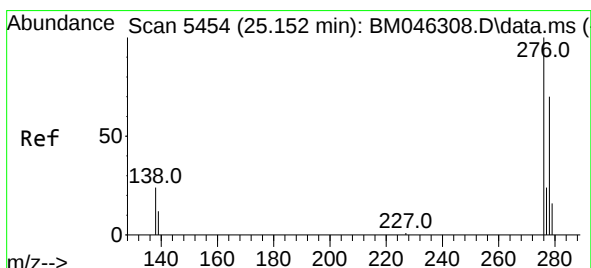
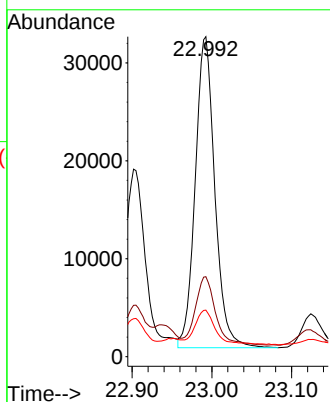
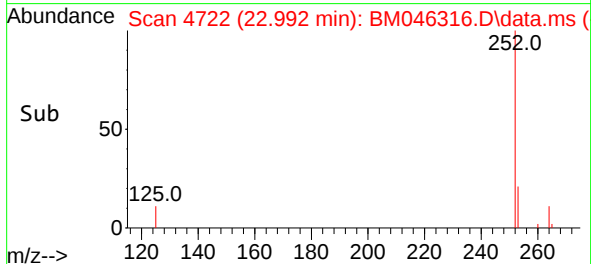
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:252 Resp: 5418
Ion Ratio Lower Upper
252 100
253 25.0 32.1 48.1
125 14.6 21.2 31.8

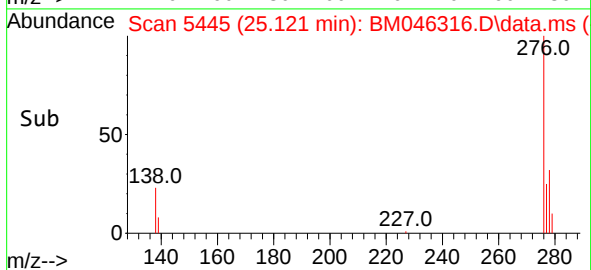
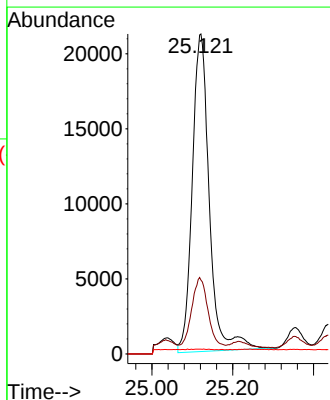
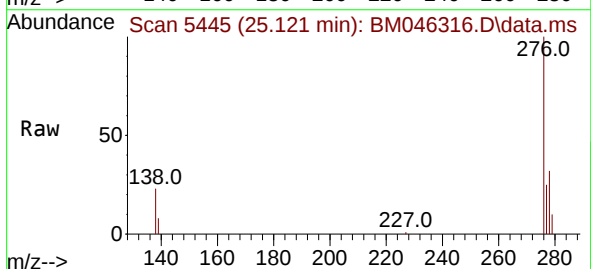
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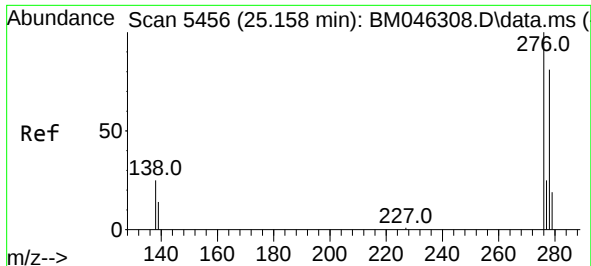
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.463 ng/ul
RT: 25.121 min Scan# 5445
Delta R.T. -0.030 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

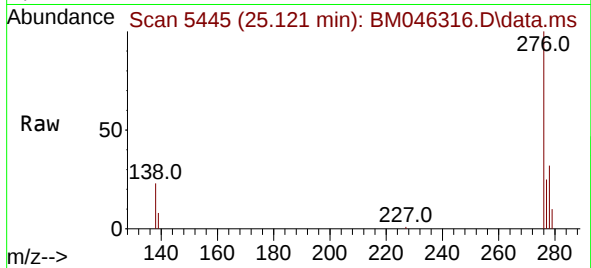
Tgt Ion:276 Resp: 61697
Ion Ratio Lower Upper
276 100
138 26.3 21.0 31.4
227 9.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.726 ng/ul
RT: 25.121 min Scan# 5456
Delta R.T. -0.037 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

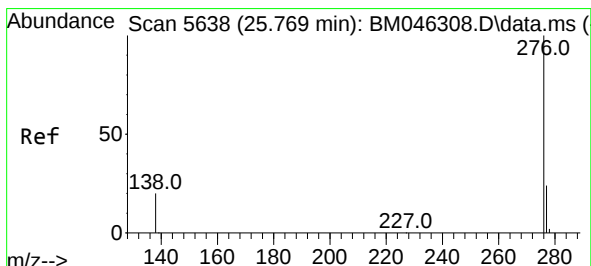
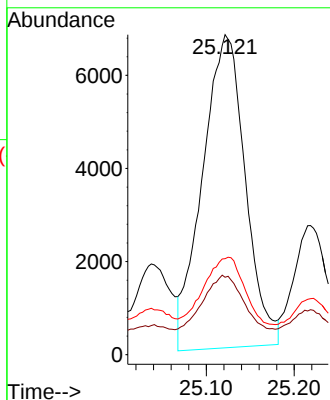
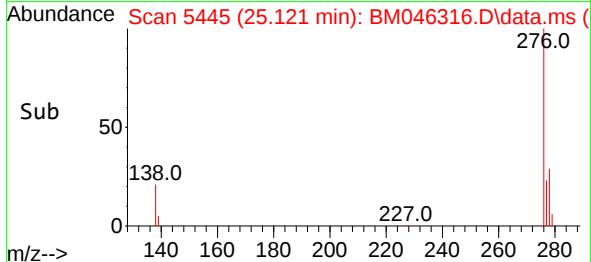
Instrument :
BNA_M
ClientSampleId :
A4CP0



Tgt Ion:278 Resp: 22810
Ion Ratio Lower Upper
278 100
139 24.2 17.6 26.4
279 30.0 26.3 39.5

Manual Integrations
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 25.742 min Scan# 5630
Delta R.T. -0.027 min
Lab File: BM046316.D
Acq: 26 Jun 2024 06:40

Tgt Ion:276 Resp: 8351
Ion Ratio Lower Upper
276 100
138 32.2 21.7 32.5
277 32.2 20.4 30.6#

