

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046142.D
 Acq On : 21 Jun 2024 03:18
 Operator : MA/JU
 Sample : P2710-01DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B20DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 03:58:28 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	2891	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.226	136	7931	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.080	164	4477	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	9151	0.400	ng/ul	-0.04
17) Chrysene-d12	21.018	240	8095	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	9279m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	2946	0.743	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.859	152	646	0.061	ng/ul	0.00
18) Fluoranthene-d10	18.852	212	1589	0.066	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.270	128	1064	0.048	ng/ul#	74
7) 2-Methylnaphthalene	11.931	142	343	0.028	ng/ul	93
8) 1-Methylnaphthalene	12.129	142	346	0.025	ng/ul	98
10) Acenaphthylene	13.798	152	2989	0.141	ng/ul	96
11) Acenaphthene	14.140	153	1385	0.090	ng/ul	95
12) Fluorene	15.139	166	1714	0.104	ng/ul#	96
15) Phenanthrene	16.861	178	42843	1.666	ng/ul	96
16) Anthracene	16.954	178	8016	0.419	ng/ul	96
19) Fluoranthene	18.880	202	91578	2.613	ng/ul	96
20) Pyrene	19.243	202	62962	1.661	ng/ul	96
21) Benzo(a)anthracene	21.000	228	37918	1.213	ng/ul	99
22) Chrysene	21.053	228	37968	0.951	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	53286m	1.594	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	20376m	0.513	ng/ul	
26) Benzo(a)pyrene	23.017	252	19143m	0.618	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.159	276	19456	0.384	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.162	278	6185	0.164	ng/ul#	90
29) Benzo(g,h,i)perylene	25.783	276	2746	0.063	ng/ul#	74

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

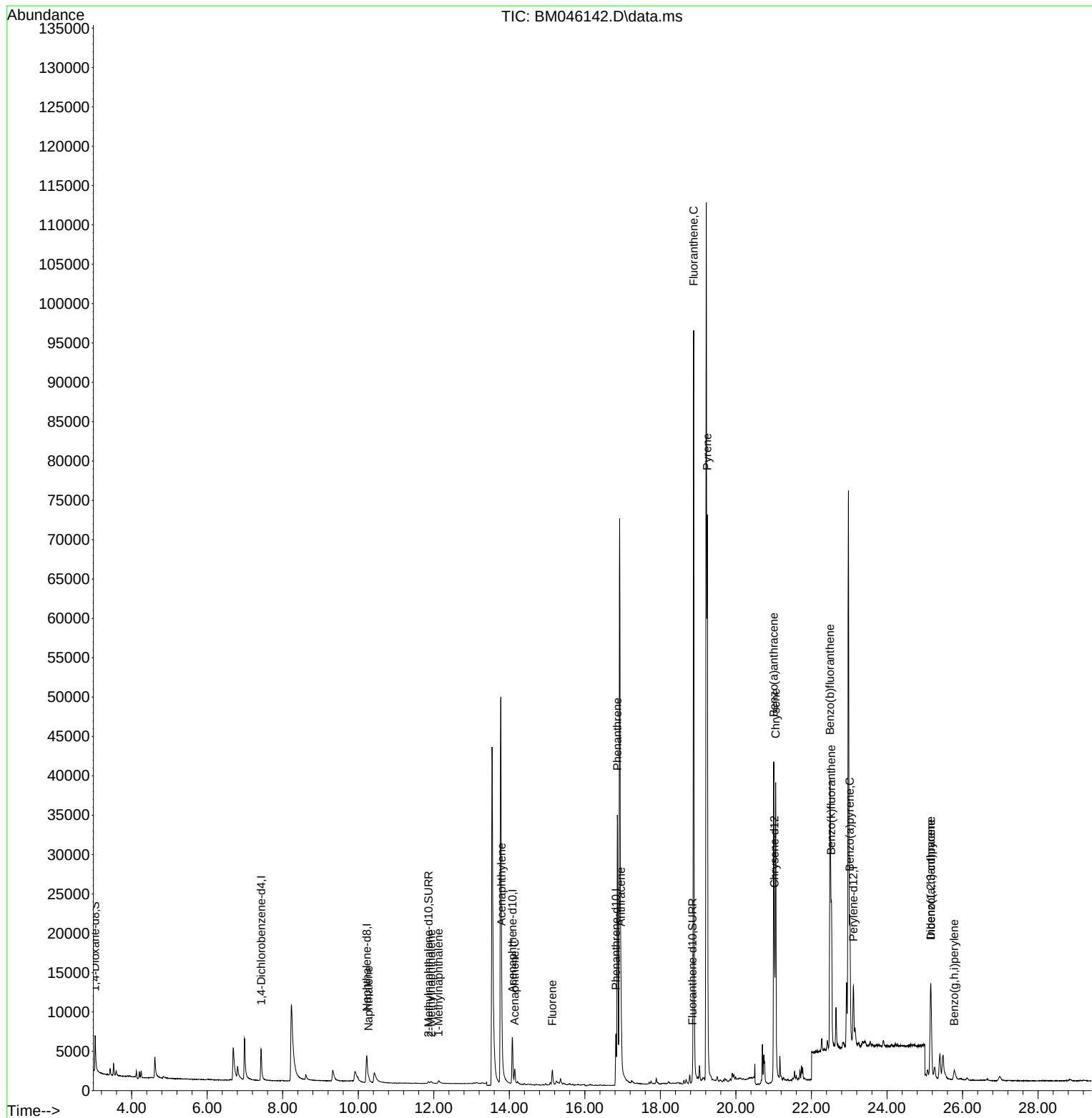
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046142.D
Acq On : 21 Jun 2024 03:18
Operator : MA/JU
Sample : P2710-01DL 5X
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ALS Vial : 31 Sample Multiplier: 1

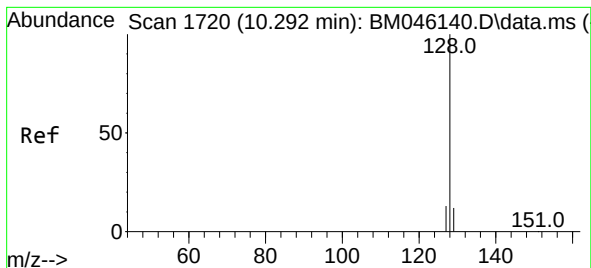
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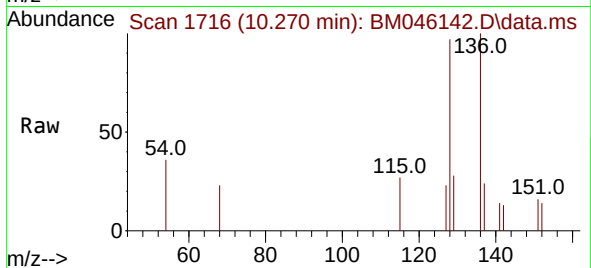
Quant Time: Jun 21 03:58:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

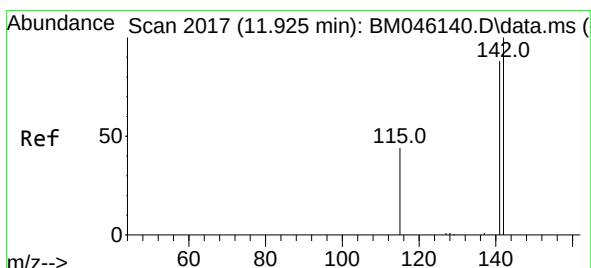
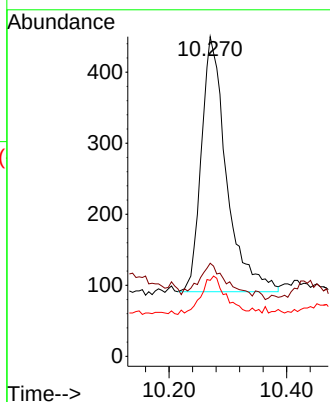
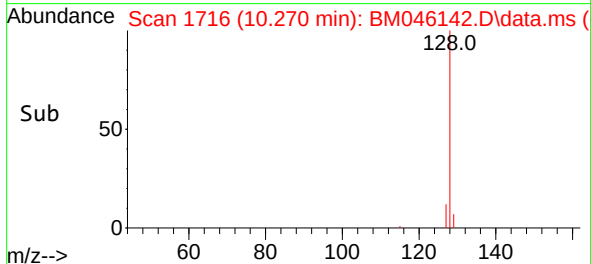
Instrument :
BNA_M
ClientSampleId :
A4B20DL



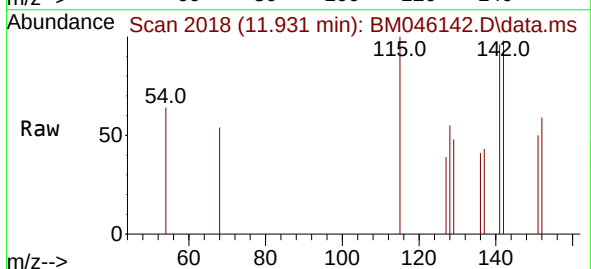
Tgt Ion:128 Resp: 1064
Ion Ratio Lower Upper
128 100
129 29.1 11.8 17.6
127 23.8 12.8 19.2

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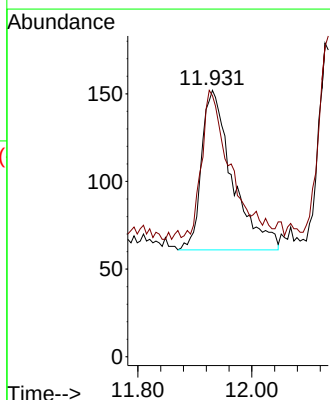
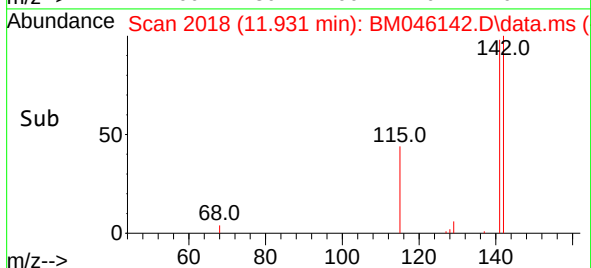
Reviewed By :Jagrut Upadhyay 06/21/2024
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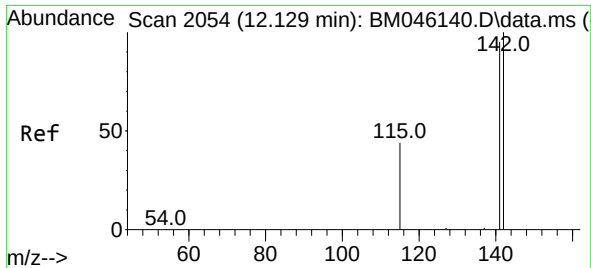


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.931 min Scan# 2018
Delta R.T. -0.016 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18



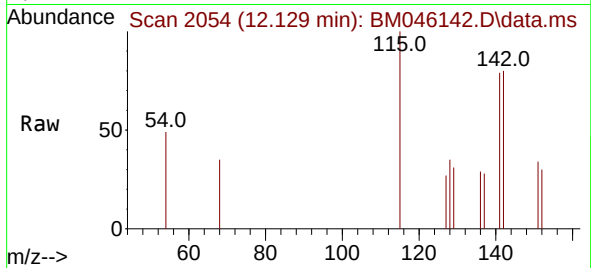
Tgt Ion:142 Resp: 343
Ion Ratio Lower Upper
142 100
141 86.3 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.022 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

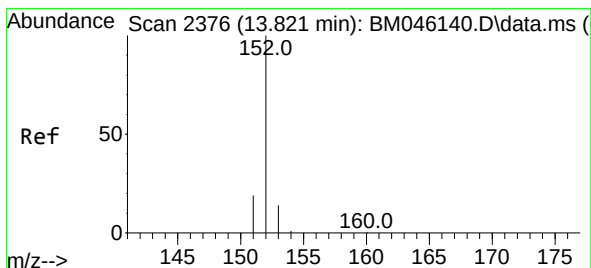
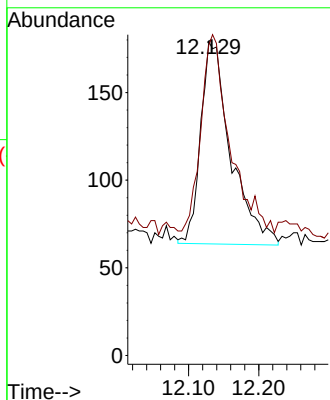
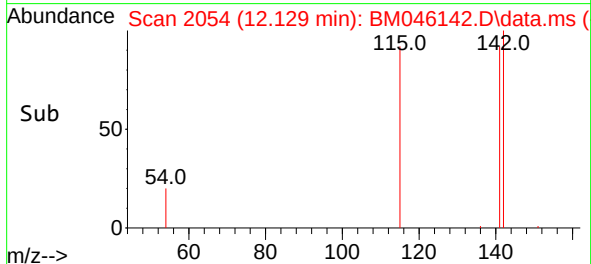
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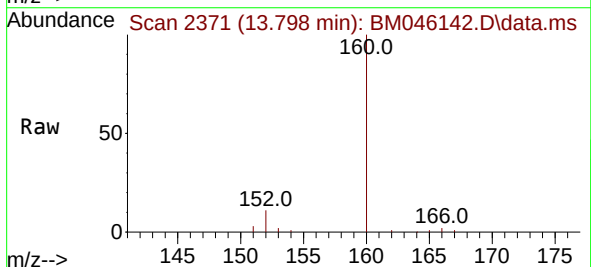
Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
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141 96.2 75.2 112.8

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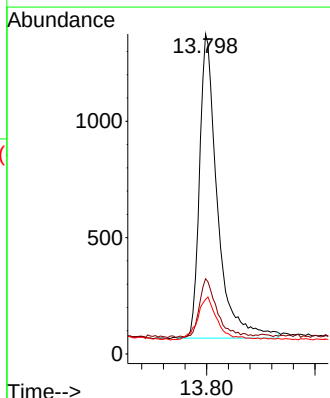
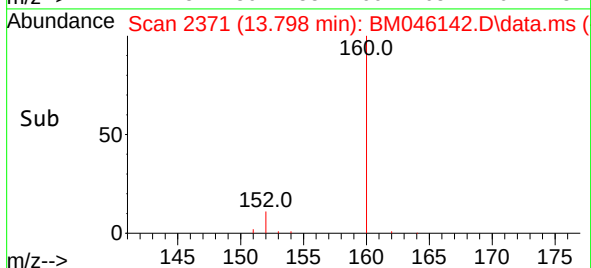
Reviewed By :Jagrut Upadhyay 06/21/2024
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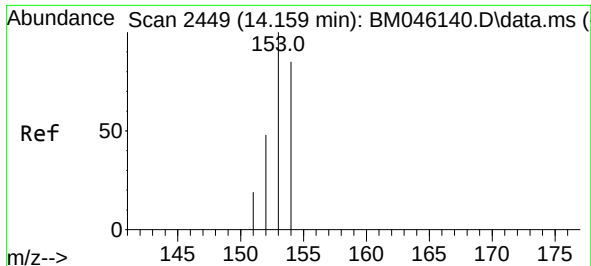


#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 13.798 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18



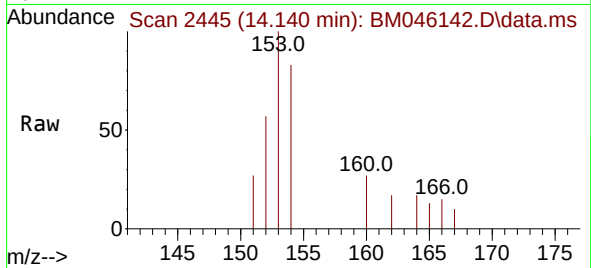
Tgt Ion:152 Resp: 2989
Ion Ratio Lower Upper
152 100
151 23.5 17.4 26.2
153 17.1 11.8 17.8





#11
Acenaphthene
Concen: 0.090 ng/u1
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

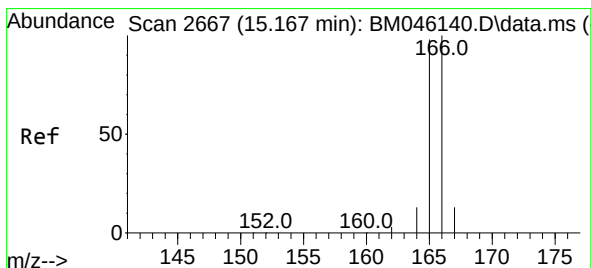
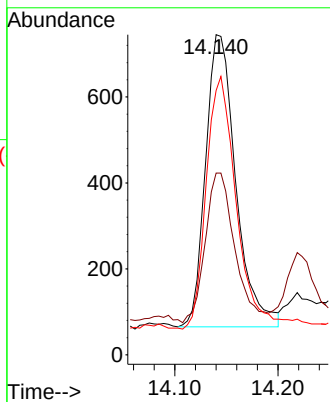
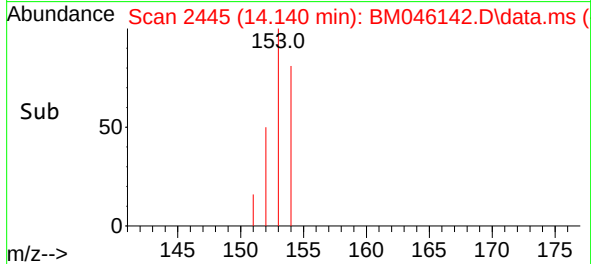
Instrument :
BNA_M
ClientSampleId :
A4B20DL



Tgt Ion:153 Resp: 1385
Ion Ratio Lower Upper
153 100
152 56.8 41.3 61.9
154 82.6 68.2 102.4

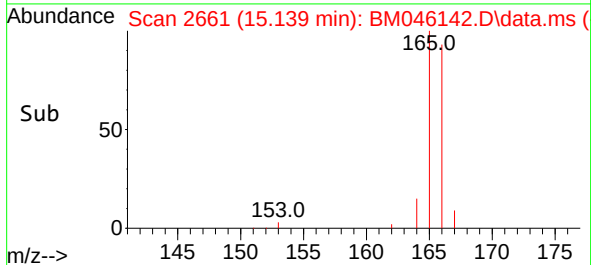
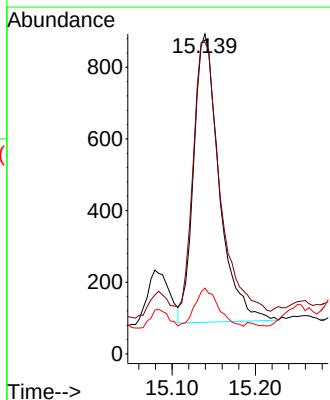
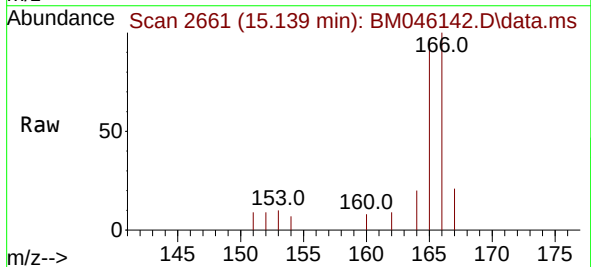
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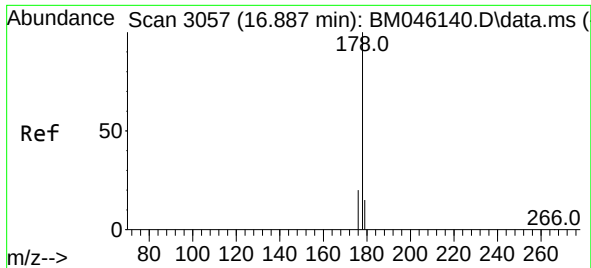
Reviewed By :Jagrut Upadhyay 06/21/2024
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#12
Fluorene
Concen: 0.104 ng/u1
RT: 15.139 min Scan# 2661
Delta R.T. -0.042 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

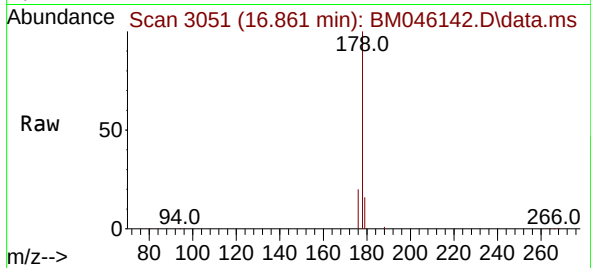
Tgt Ion:166 Resp: 1714
Ion Ratio Lower Upper
166 100
165 97.4 80.4 120.6
167 20.6 12.4 18.6#





#15
Phenanthrene
Concen: 1.666 ng/ul
RT: 16.861 min Scan# 3073
Delta R.T. -0.042 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

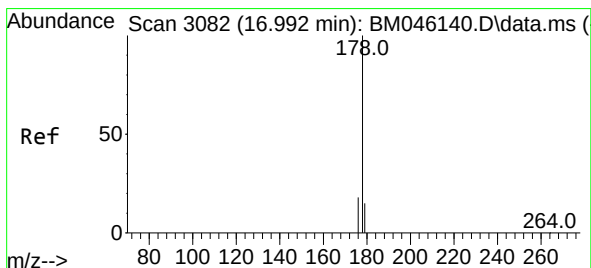
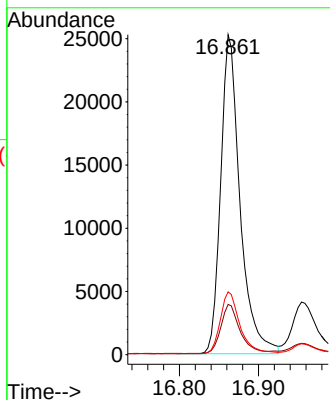
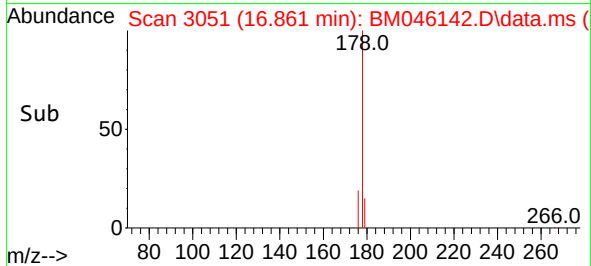
Instrument :
BNA_M
ClientSampleId :
A4B20DL



Tgt Ion:178 Resp: 4284
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.7 17.1 25.7

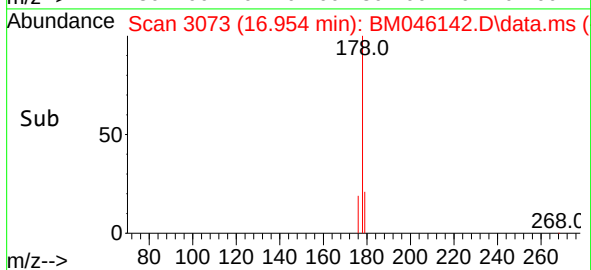
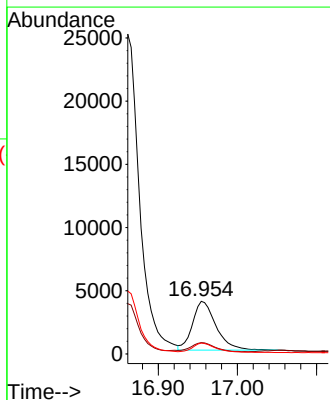
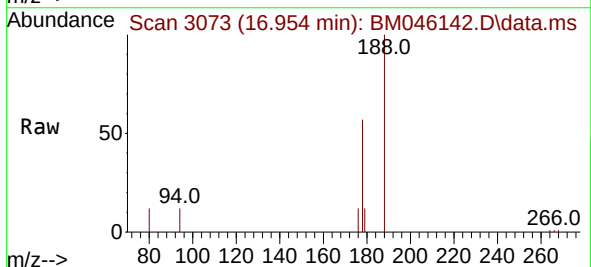
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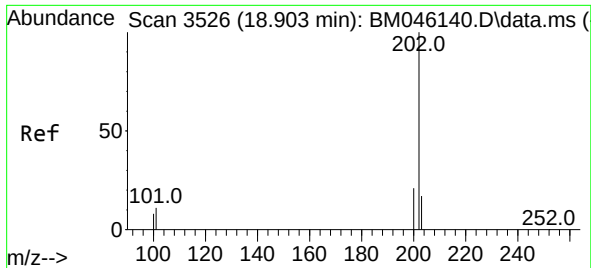
Reviewed By :Jagrut Upadhyay 06/21/2024
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#16
Anthracene
Concen: 0.419 ng/ul
RT: 16.954 min Scan# 3073
Delta R.T. -0.051 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

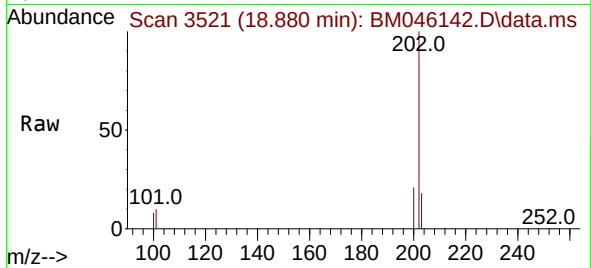
Tgt Ion:178 Resp: 8016
Ion Ratio Lower Upper
178 100
179 21.7 14.9 22.3
176 20.7 17.0 25.4





#19
Fluoranthene
Concen: 2.613 ng/u1
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

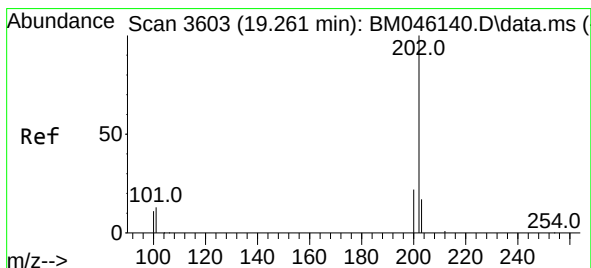
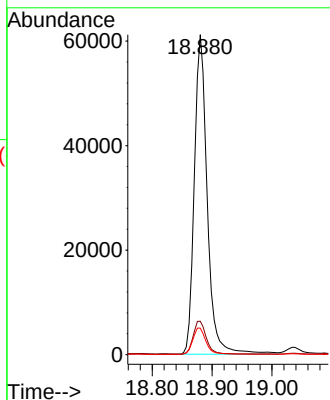
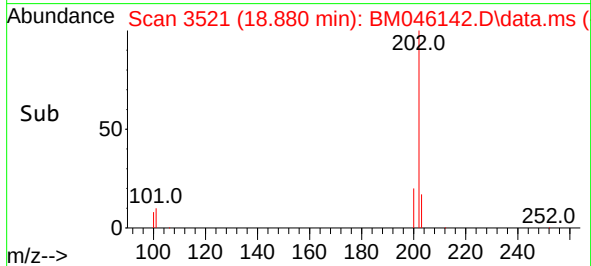
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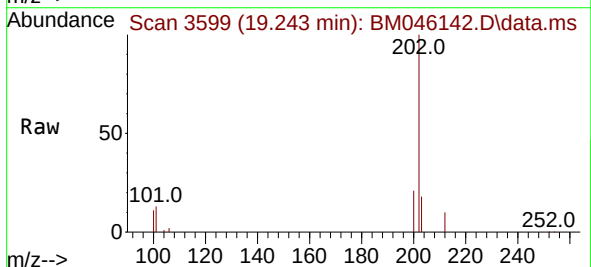
Tgt Ion:202 Resp: 91578
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.3 7.6 11.4

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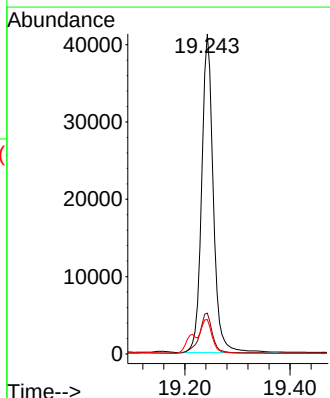
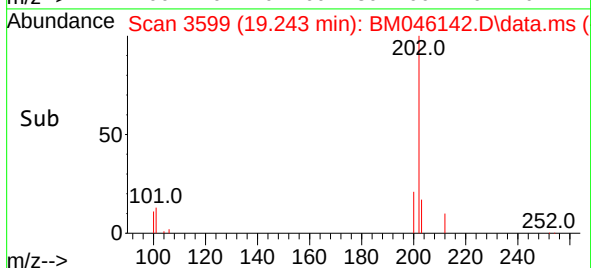
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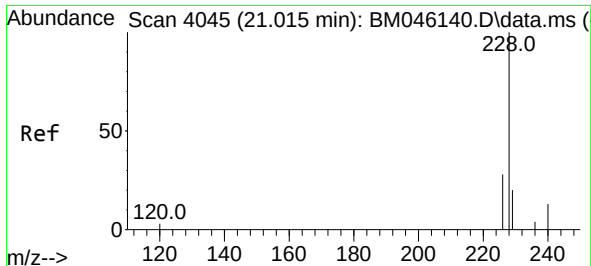


#20
Pyrene
Concen: 1.661 ng/u1
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18



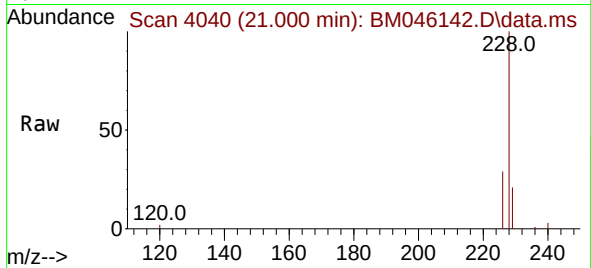
Tgt Ion:202 Resp: 62962
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.213 ng/ul
RT: 21.000 min Scan# 4045
Delta R.T. -0.029 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

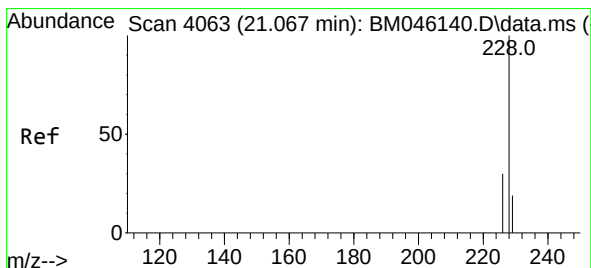
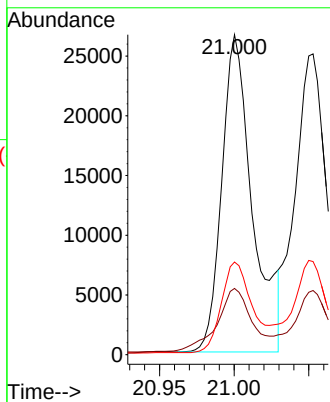
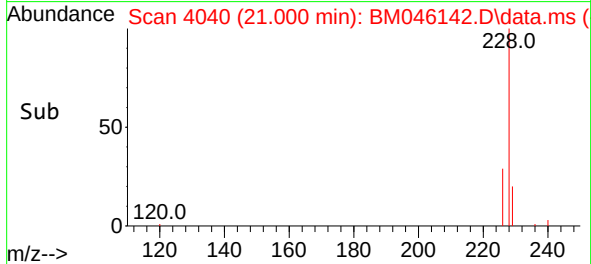
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Tgt Ion:228 Resp: 37918
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 29.0 23.4 35.2

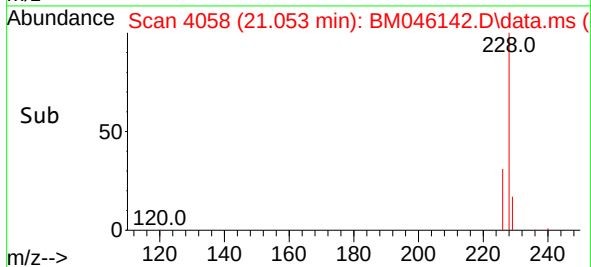
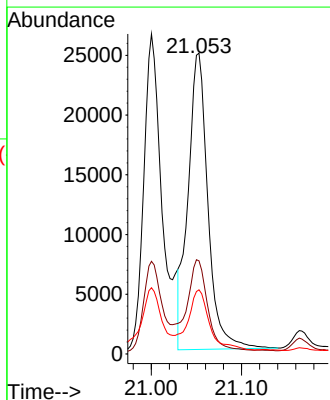
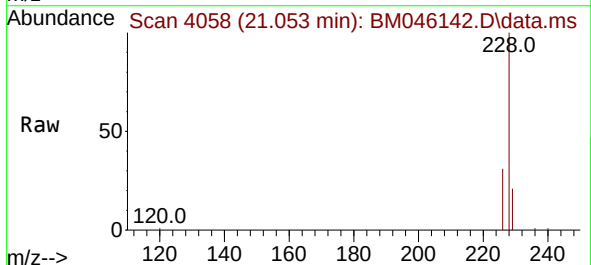
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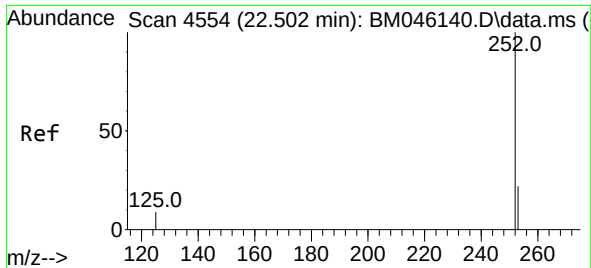
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.951 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

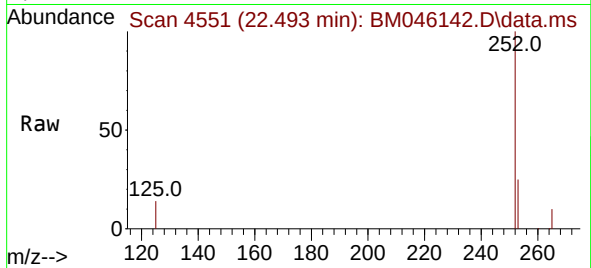
Tgt Ion:228 Resp: 37968
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.594 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

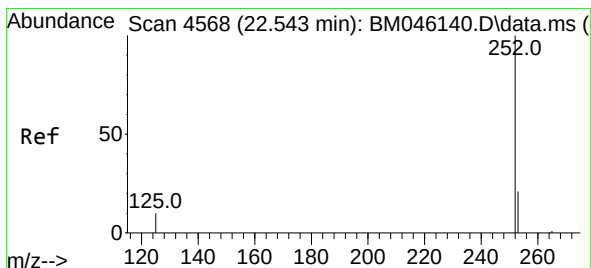
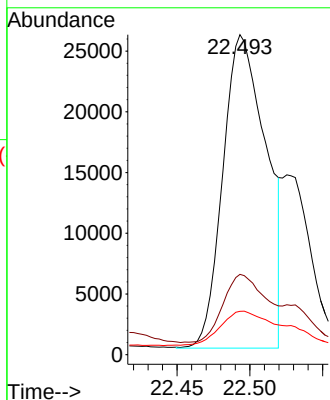
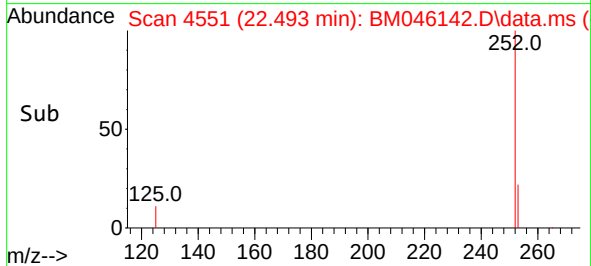
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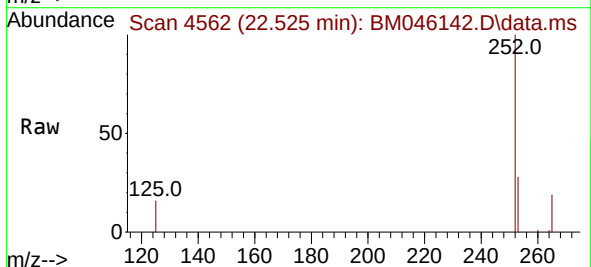
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Ion Ratio Lower Upper
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125 13.6 0.0 40.2

Manual Integrations
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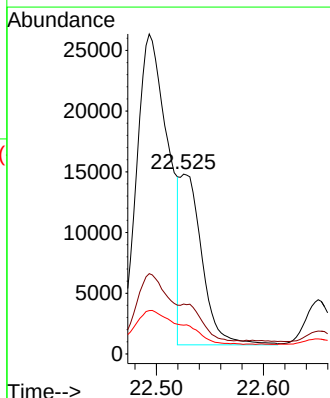
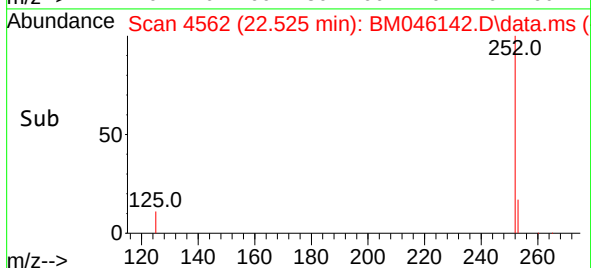
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Supervised By :mohammad ahmed 06/24/2024

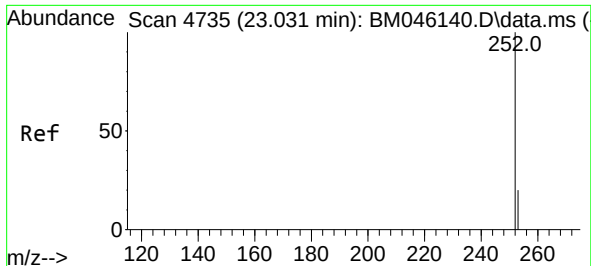


#25
Benzo(k)fluoranthene
Concen: 0.513 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18



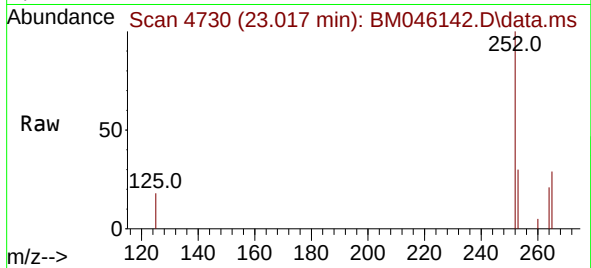
Tgt Ion:252 Resp: 20376
Ion Ratio Lower Upper
252 100
253 27.7 27.2 40.8
125 16.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.618 ng/ul m
RT: 23.017 min Scan# 4735
Delta R.T. -0.038 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

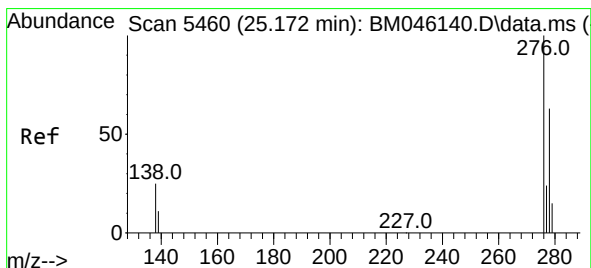
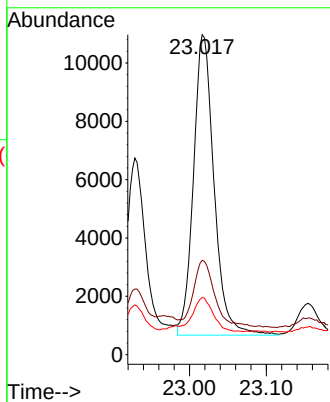
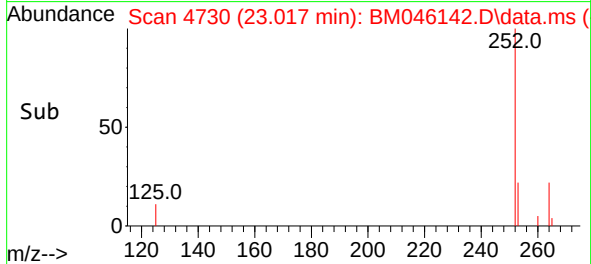
Instrument :
BNA_M
ClientSampleId :
A4B20DL



Tgt Ion:252 Resp: 1914
Ion Ratio Lower Upper
252 100
253 29.5 32.1 48.1
125 17.8 21.2 31.8

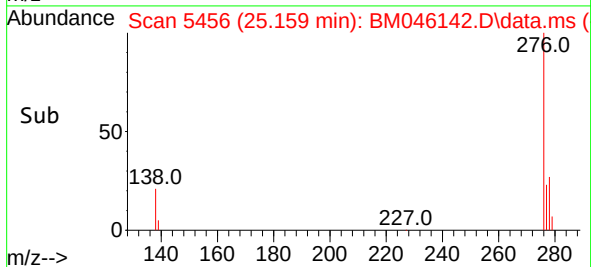
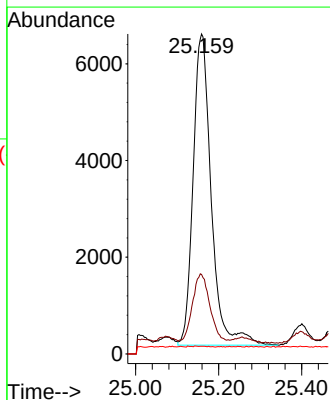
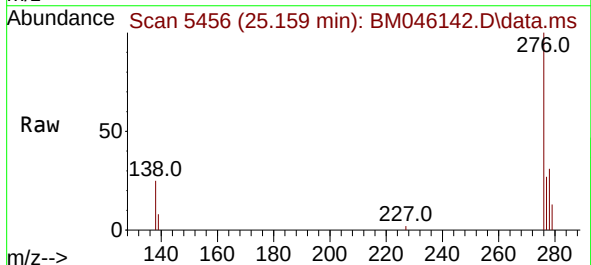
Manual Integrations
APPROVED

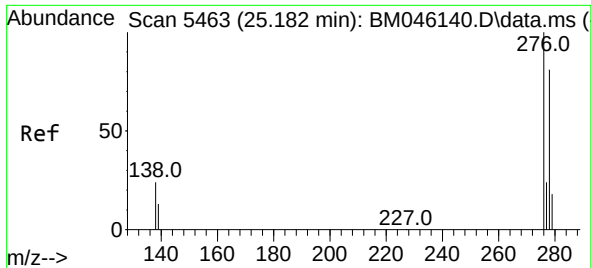
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.159 min Scan# 5456
Delta R.T. -0.043 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

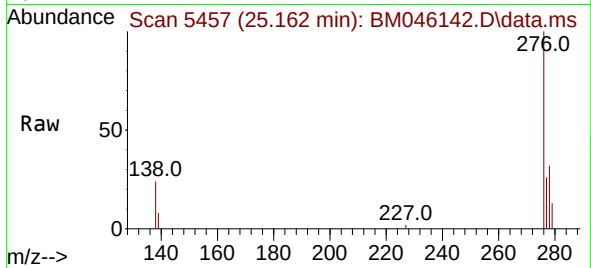
Tgt Ion:276 Resp: 19456
Ion Ratio Lower Upper
276 100
138 21.0 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 25.162 min Scan# 5463
Delta R.T. -0.054 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18

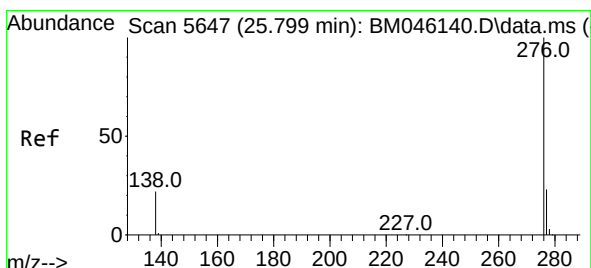
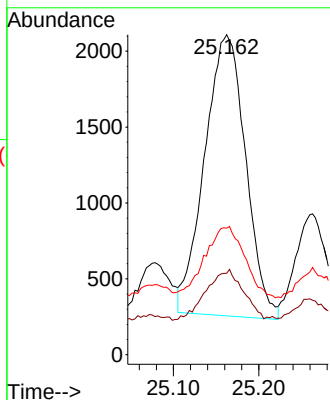
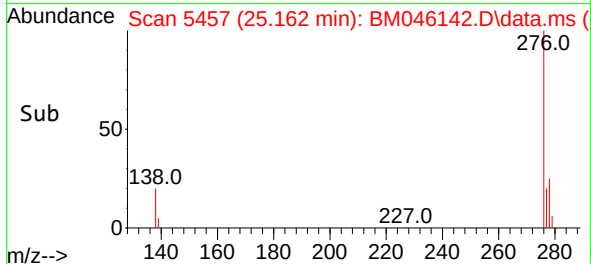
Instrument :
BNA_M
ClientSampleId :
A4B20DL



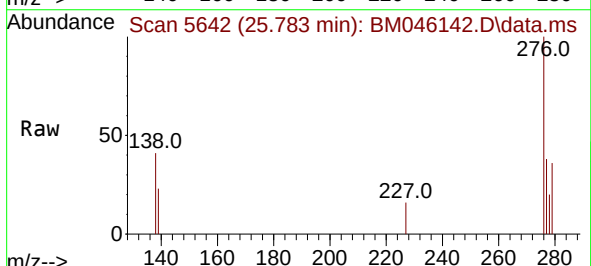
Tgt Ion: 278 Resp: 618
Ion Ratio Lower Upper
278 100
139 25.5 17.6 26.4
279 39.5 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 25.783 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046142.D
Acq: 21 Jun 2024 03:18



Tgt Ion: 276 Resp: 2746
Ion Ratio Lower Upper
276 100
138 41.1 21.7 32.5#
277 38.0 20.4 30.6#

