

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046292.D
 Acq On : 25 Jun 2024 15:25
 Operator : MA/JU
 Sample : P2844-12
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C64

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 16:26:03 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 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2233	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.167	136	6687	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.044	164	3717	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.787	188	8633m	0.400	ng/ul	-0.07
17) Chrysene-d12	20.991	240	6152m	0.400	ng/ul	-0.04
23) Perylene-d12	23.080	264	7923	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	9854	3.216	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.778	152	2345	0.261	ng/ul	-0.09
18) Fluoranthene-d10	18.821	212	6016	0.327	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.216	128	7545	0.405	ng/ul	97
7) 2-Methylnaphthalene	11.855	142	2546	0.243	ng/ul	98
8) 1-Methylnaphthalene	12.069	142	2526	0.219	ng/ul	97
10) Acenaphthylene	13.762	152	20192	1.145	ng/ul	98
11) Acenaphthene	14.104	153	15711	1.234	ng/ul	99
12) Fluorene	15.099	166	23655	1.732	ng/ul	99
15) Phenanthrene	16.829	178	606725m	25.015	ng/ul	
16) Anthracene	16.922	178	110994m	6.145	ng/ul	
19) Fluoranthene	18.853	202	1235393	46.379	ng/ul	96
20) Pyrene	19.216	202	835863	29.016	ng/ul	96
21) Benzo(a)anthracene	20.976	228	464604	19.552	ng/ul	99
22) Chrysene	21.029	228	471904	15.561	ng/ul	98
24) Benzo(b)fluoranthene	22.469	252	629726m	22.061	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	221124m	6.516	ng/ul	
26) Benzo(a)pyrene	22.990	252	265076m	10.022	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.118	276	244958	5.659	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.121	278	73081	2.268	ng/ul	93
29) Benzo(g,h,i)perylene	25.738	276	37321	1.005	ng/ul	96

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

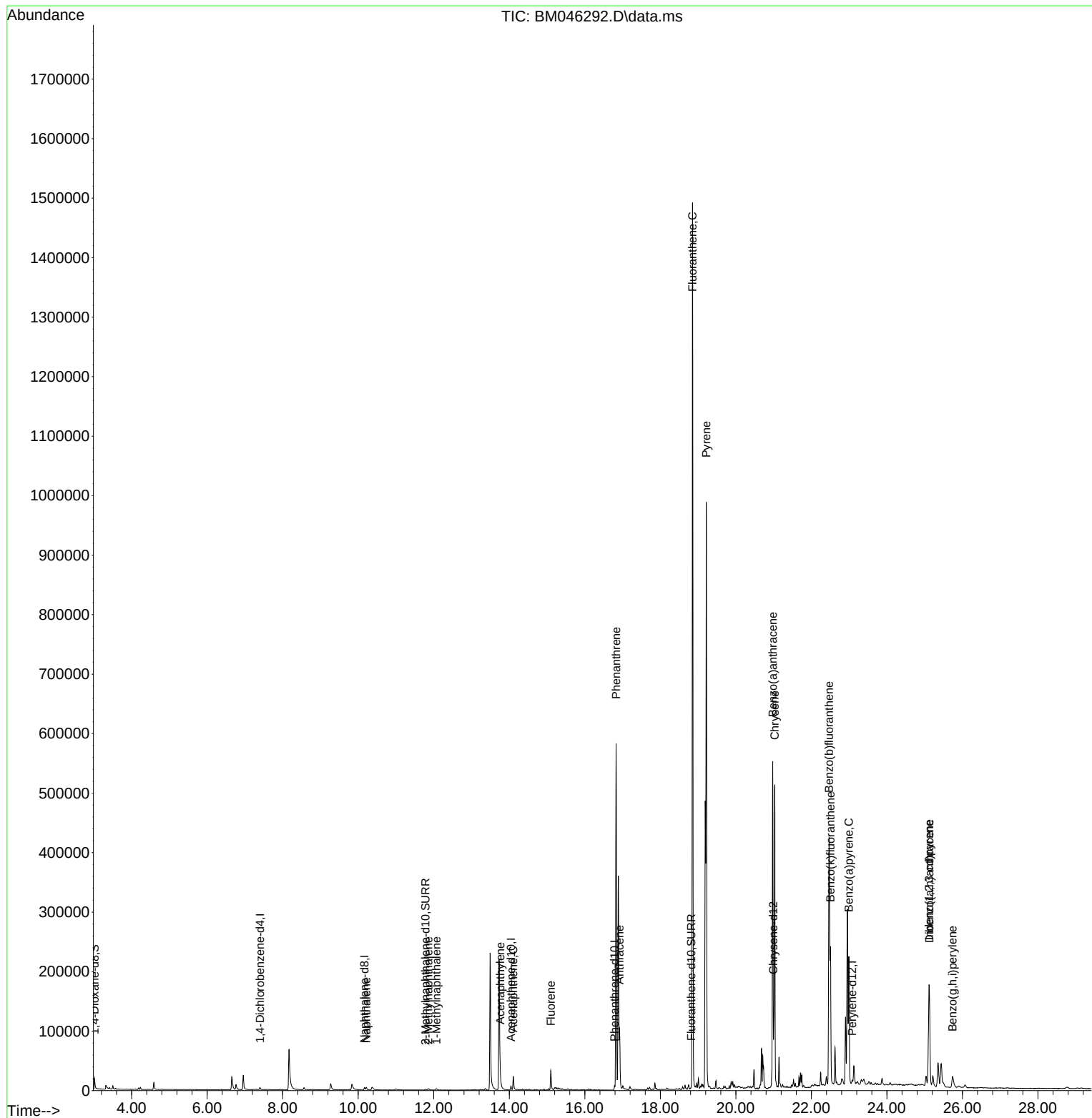
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046292.D
Acq On : 25 Jun 2024 15:25
Operator : MA/JU
Sample : P2844-12
Misc :
ALS Vial : 52 Sample Multiplier: 1

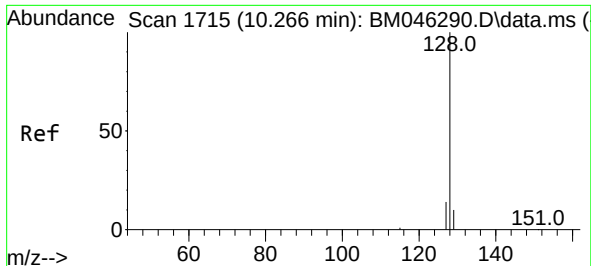
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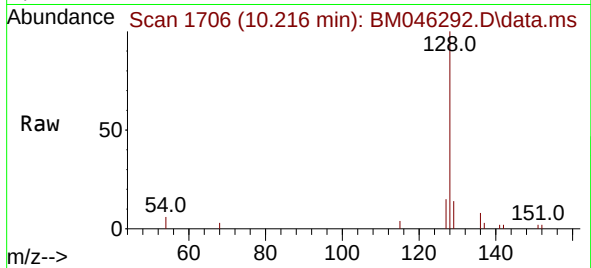
Quant Time: Jun 25 16:26:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

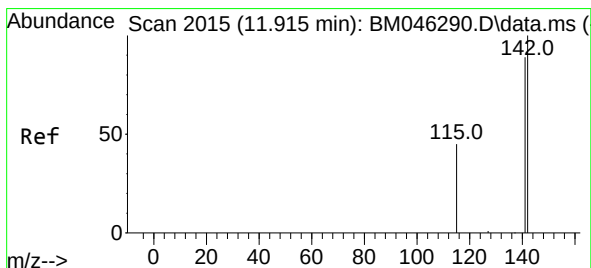
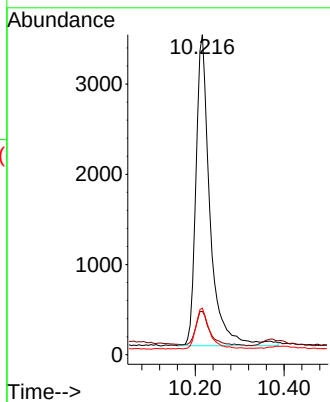
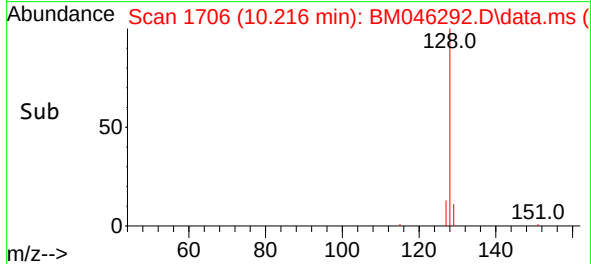
Instrument :
BNA_M
ClientSampleId :
A4C64



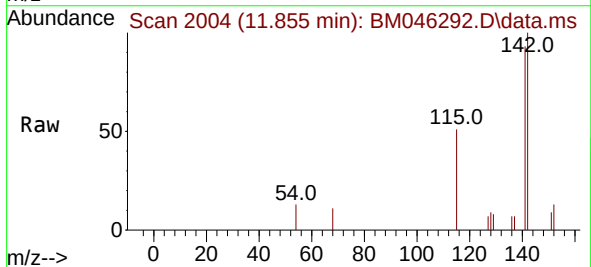
Tgt Ion:128 Resp: 7549
Ion Ratio Lower Upper
128 100
129 13.6 11.8 17.6
127 14.5 12.8 19.2

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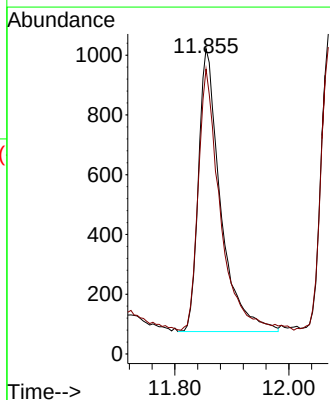
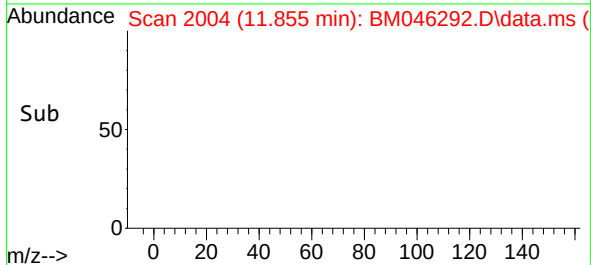
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

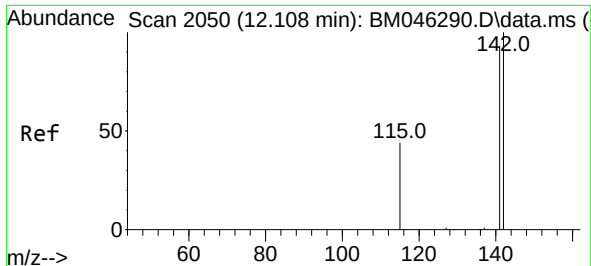


#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 11.855 min Scan# 2004
Delta R.T. -0.099 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25



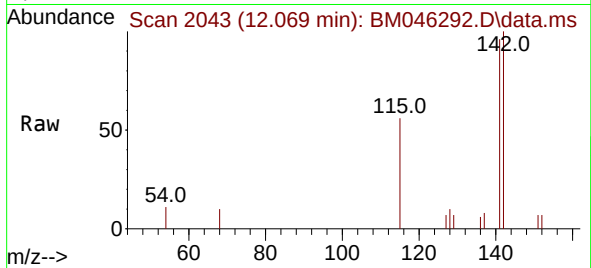
Tgt Ion:142 Resp: 2546
Ion Ratio Lower Upper
142 100
141 91.6 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.069 min Scan# 2050
Delta R.T. -0.066 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

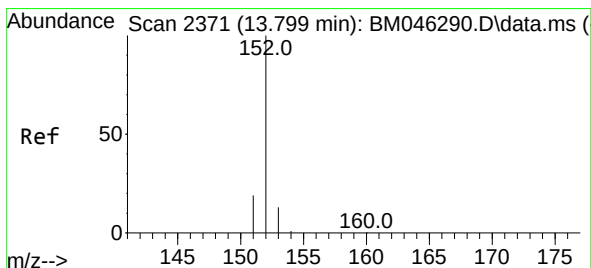
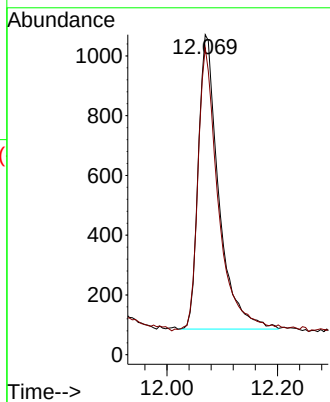
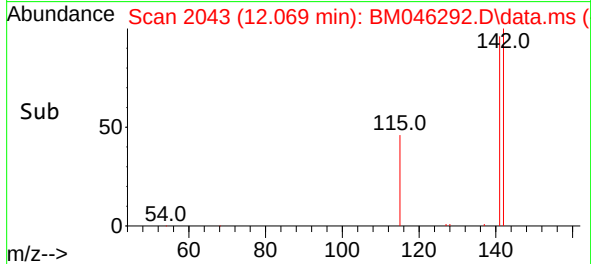
Instrument :
BNA_M
ClientSampleId :
A4C64



Tgt Ion:142 Resp: 2520
Ion Ratio Lower Upper
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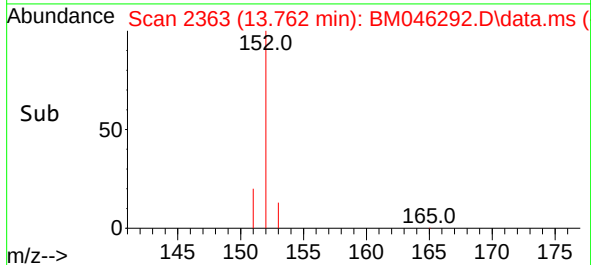
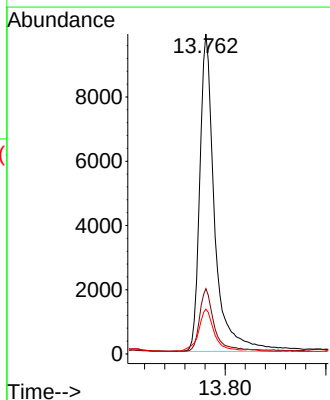
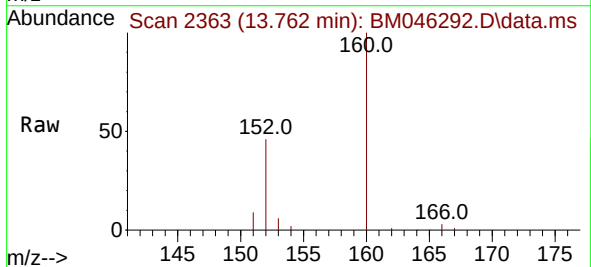
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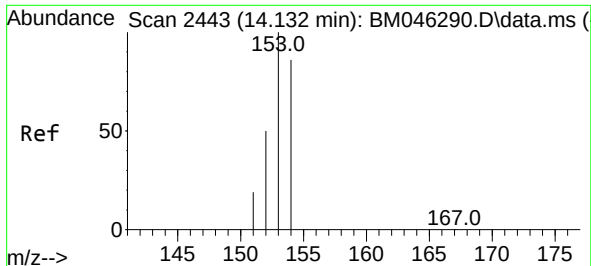
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 1.145 ng/ul
RT: 13.762 min Scan# 2363
Delta R.T. -0.056 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

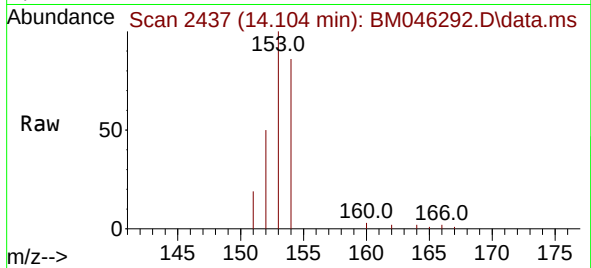
Tgt Ion:152 Resp: 20192
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.2
153 14.0 11.8 17.8





#11
Acenaphthene
Concen: 1.234 ng/ul
RT: 14.104 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

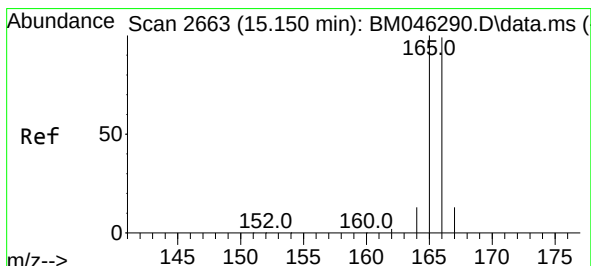
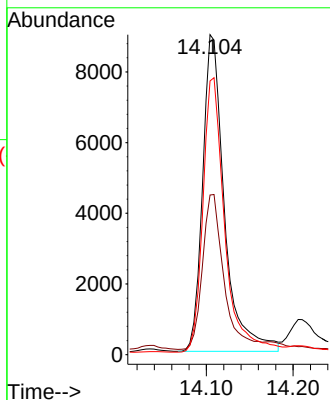
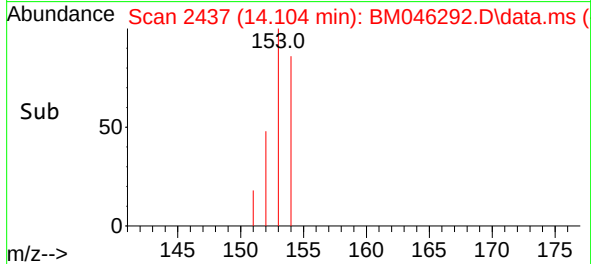
Instrument :
BNA_M
ClientSampleId :
A4C64



Tgt Ion:153 Resp: 1571
Ion Ratio Lower Upper
153 100
152 49.9 41.3 61.9
154 85.5 68.2 102.4

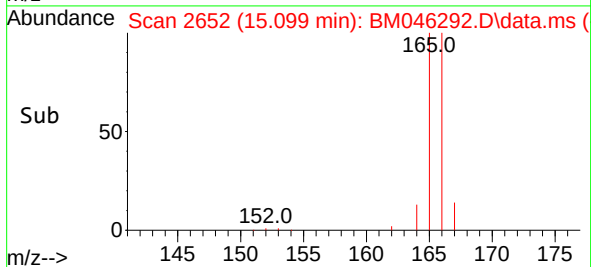
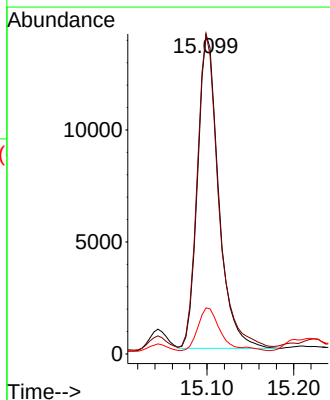
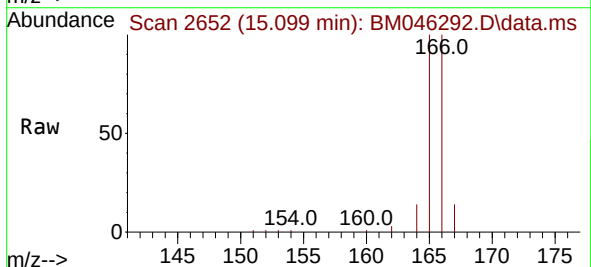
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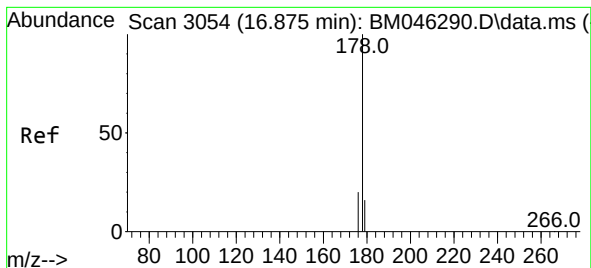
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 1.732 ng/ul
RT: 15.099 min Scan# 2652
Delta R.T. -0.070 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

Tgt Ion:166 Resp: 23655
Ion Ratio Lower Upper
166 100
165 100.1 80.4 120.6
167 14.4 12.4 18.6





#15

Phenanthrene

Concen: 25.015 ng/ul m

RT: 16.829 min Scan# 3043

Delta R.T. -0.059 min

Lab File: BM046292.D

Acq: 25 Jun 2024 15:25

Instrument :

BNA_M

ClientSampleId :

A4C64

Tgt Ion:178 Resp: 60672

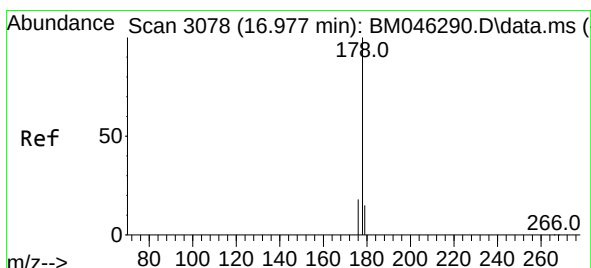
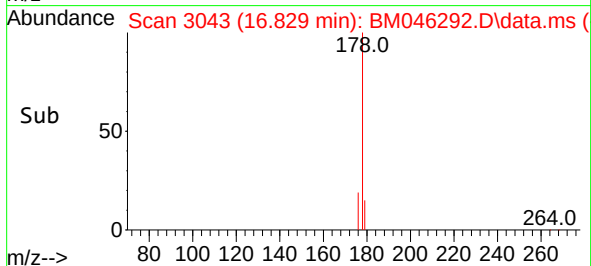
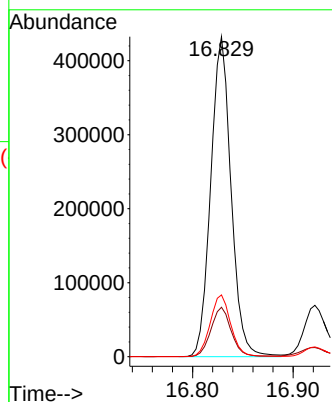
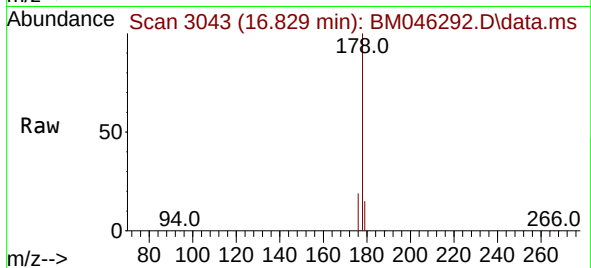
Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.3	17.1	25.7

Manual Integrations

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#16

Anthracene

Concen: 6.145 ng/ul m

RT: 16.922 min Scan# 3065

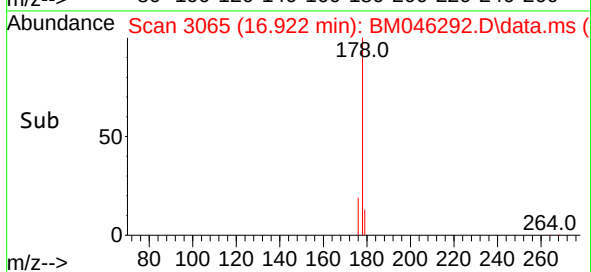
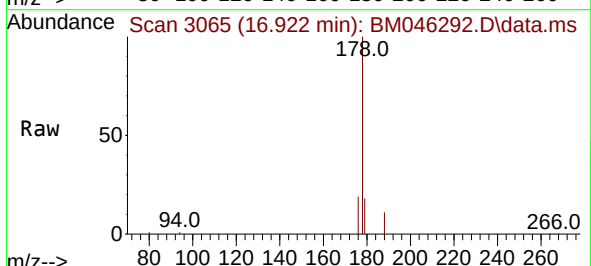
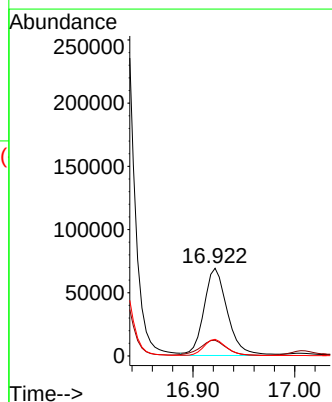
Delta R.T. -0.085 min

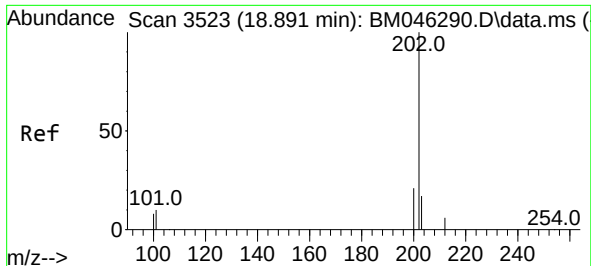
Lab File: BM046292.D

Acq: 25 Jun 2024 15:25

Tgt Ion:178 Resp: 110994

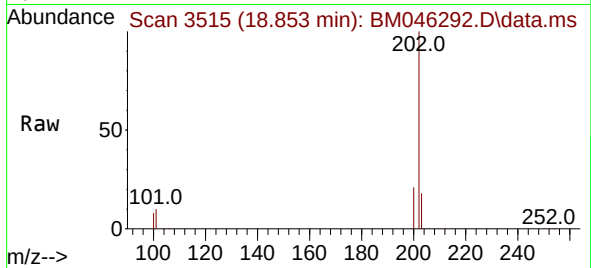
Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.9	22.3
176	19.1	17.0	25.4





#19
Fluoranthene
Concen: 46.379 ng/u1
RT: 18.853 min Scan# 315
Delta R.T. -0.051 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

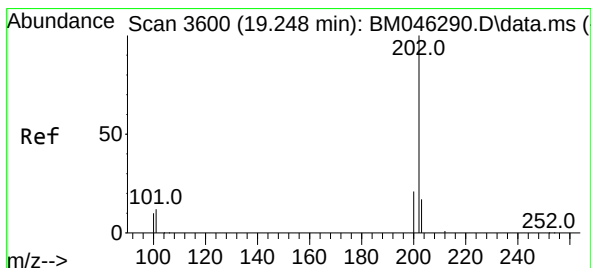
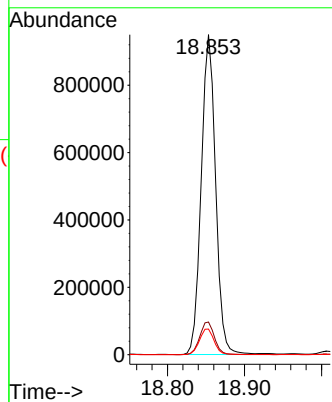
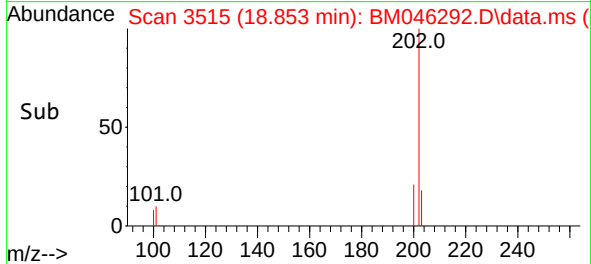
Instrument :
BNA_M
ClientSampleId :
A4C64



Tgt Ion:202 Resp: 123539
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 8.0 7.6 11.4

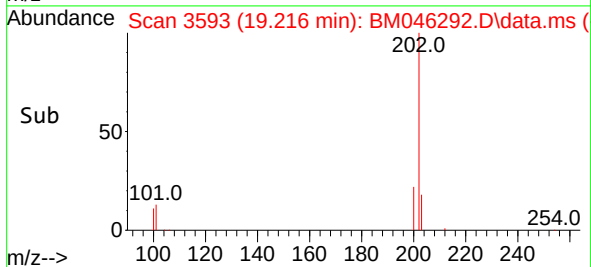
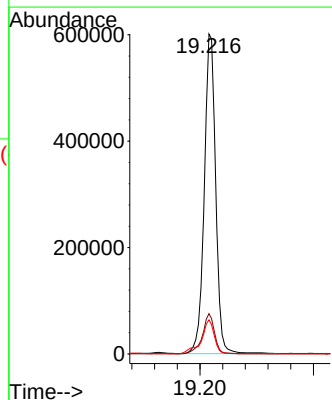
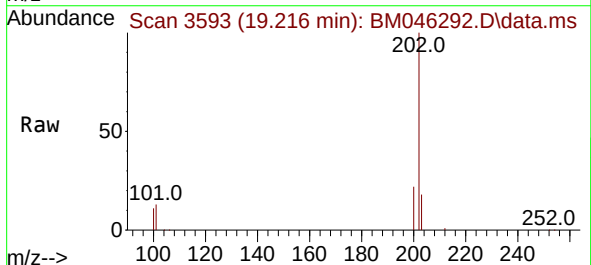
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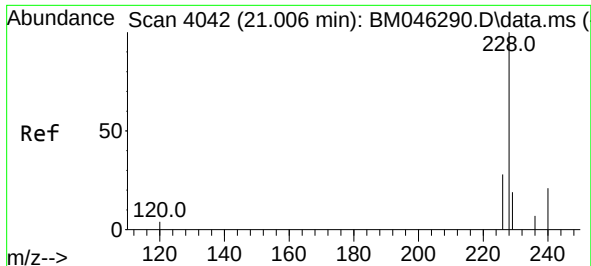
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 29.016 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. -0.042 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

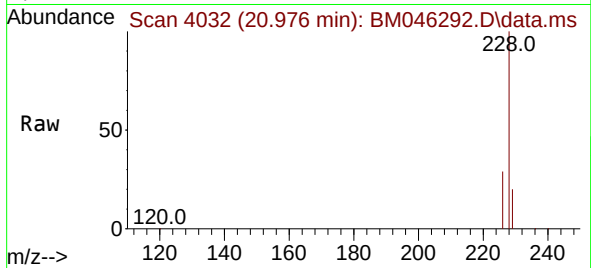
Tgt Ion:202 Resp: 835863
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 19.552 ng/ul
RT: 20.976 min Scan# 4042
Delta R.T. -0.035 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

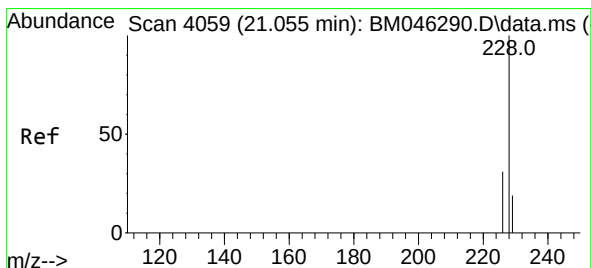
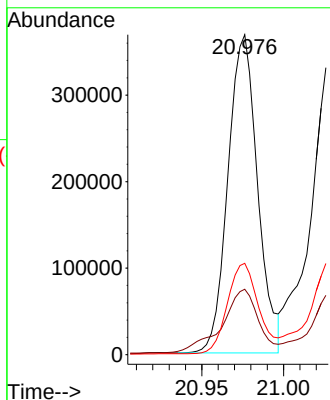
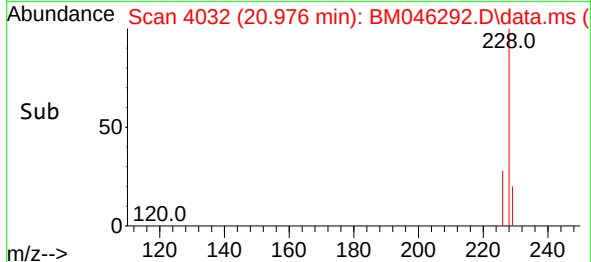
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 464604
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 28.5 23.4 35.2

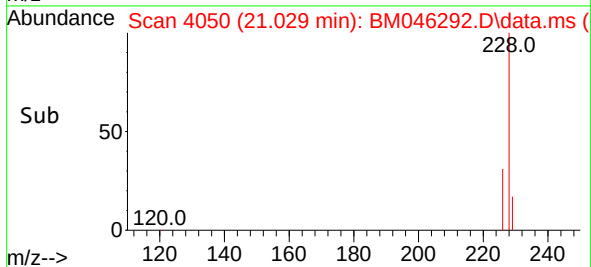
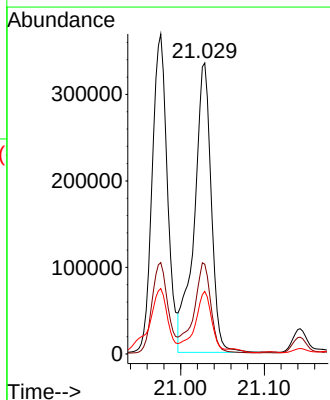
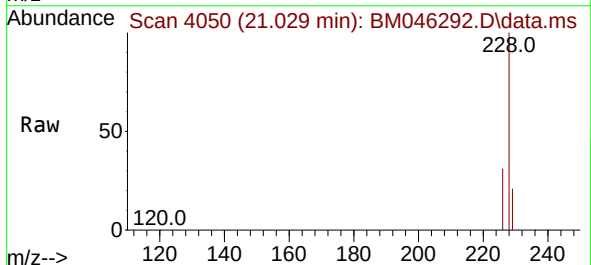
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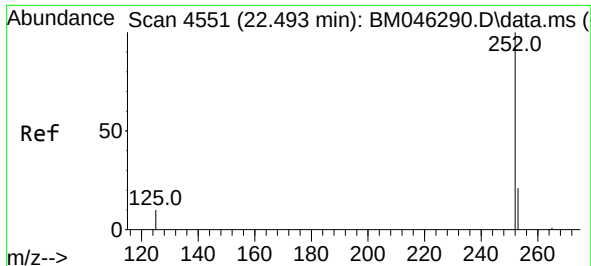
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 15.561 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.029 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

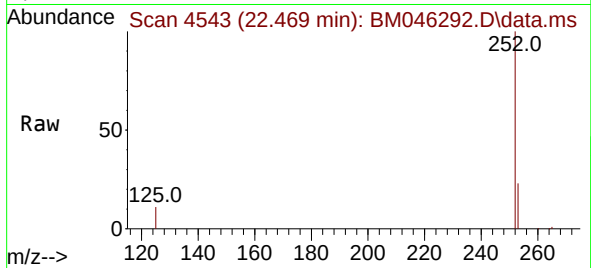
Tgt Ion:228 Resp: 471904
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 22.061 ng/ul m
RT: 22.469 min Scan# 4543
Delta R.T. -0.026 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

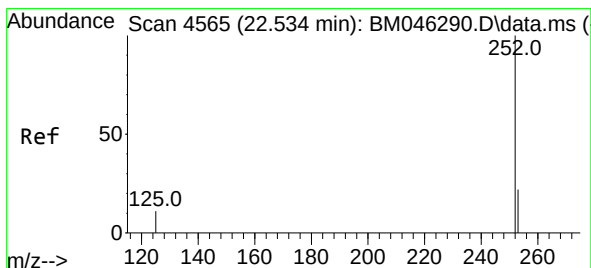
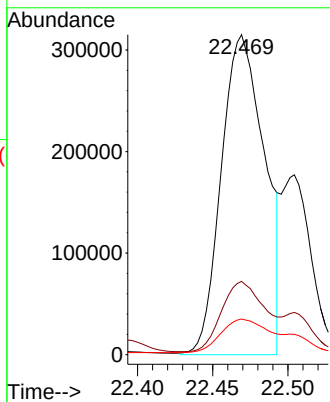
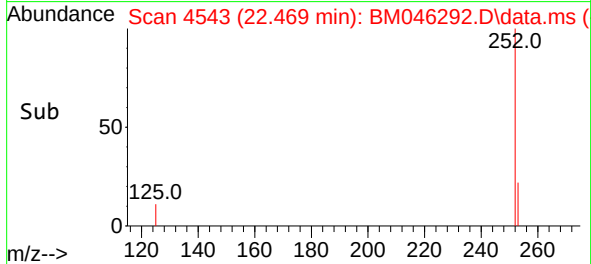
Instrument :
BNA_M
ClientSampleId :
A4C64



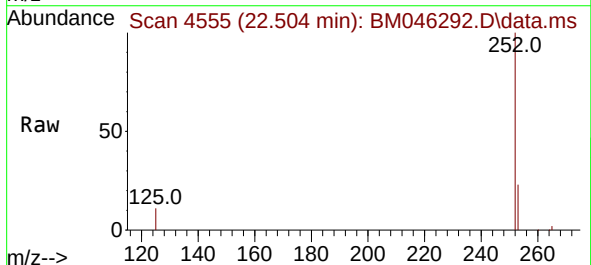
Tgt Ion:252 Resp: 629720
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 11.1 0.0 40.2

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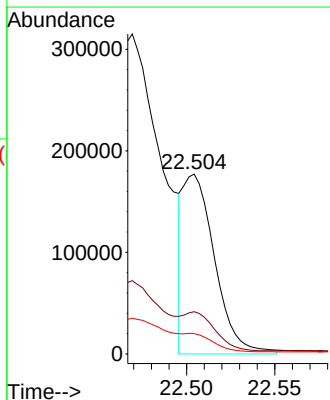
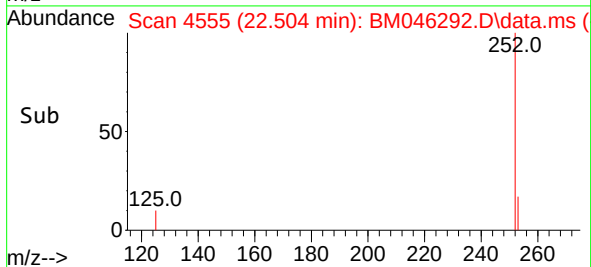
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

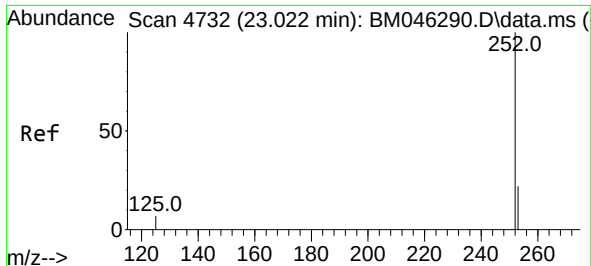


#25
Benzo(k)fluoranthene
Concen: 6.516 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.032 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25



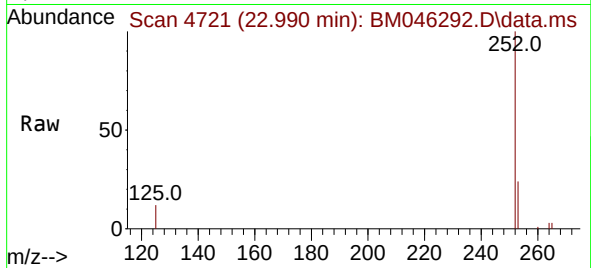
Tgt Ion:252 Resp: 221124
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 11.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 10.022 ng/ul m
RT: 22.990 min Scan# 4
Delta R.T. -0.038 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

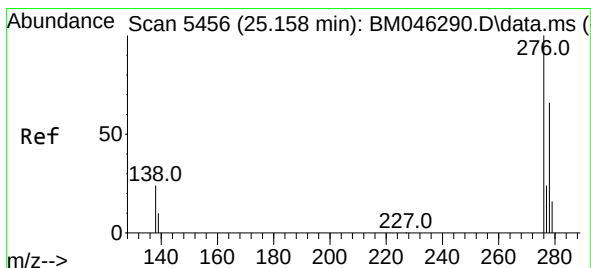
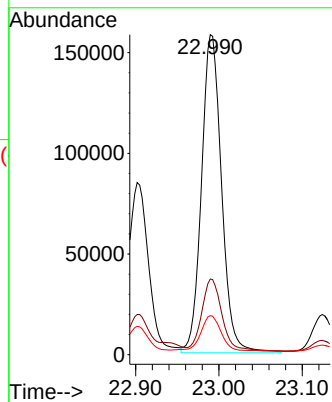
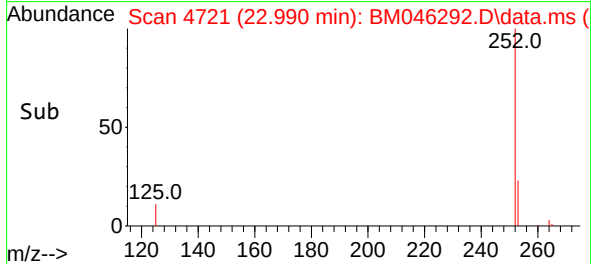
Instrument :
BNA_M
ClientSampleId :
A4C64



Tgt Ion:252 Resp: 265070
Ion Ratio Lower Upper
252 100
253 23.6 32.1 48.1
125 12.2 21.2 31.8

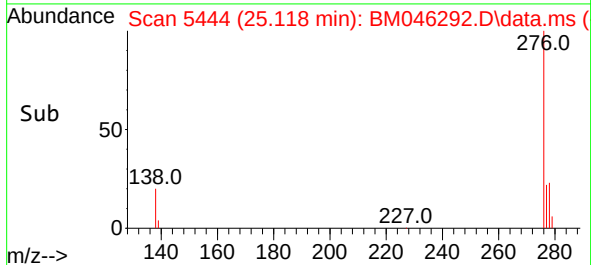
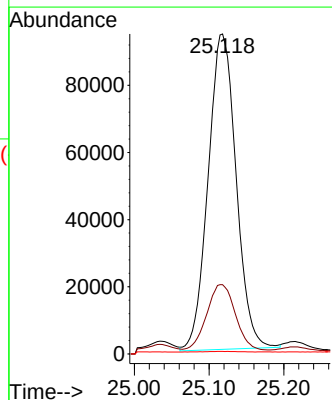
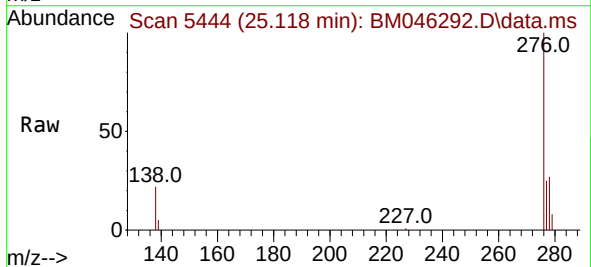
Manual Integrations
APPROVED

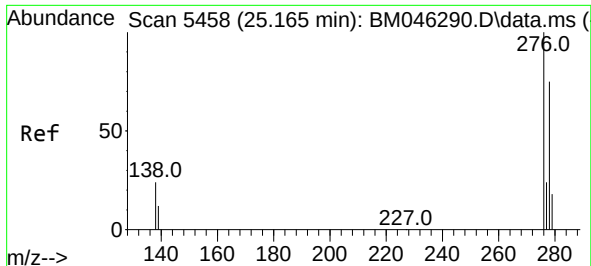
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.659 ng/ul
RT: 25.118 min Scan# 5444
Delta R.T. -0.050 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

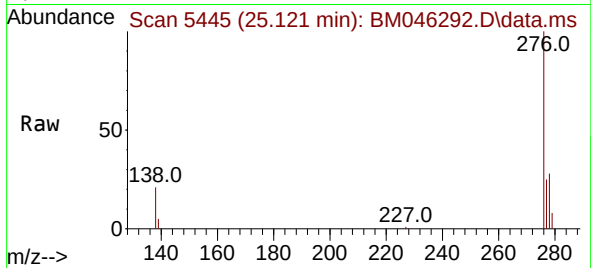
Tgt Ion:276 Resp: 244958
Ion Ratio Lower Upper
276 100
138 23.4 21.0 31.4
227 4.8 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.268 ng/ul
RT: 25.121 min Scan# 5458
Delta R.T. -0.061 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25

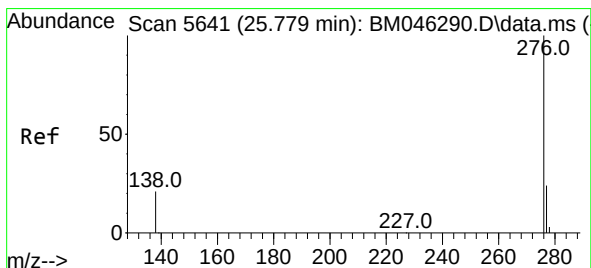
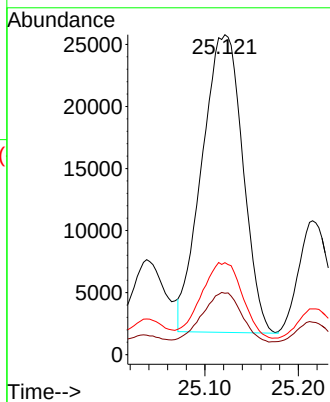
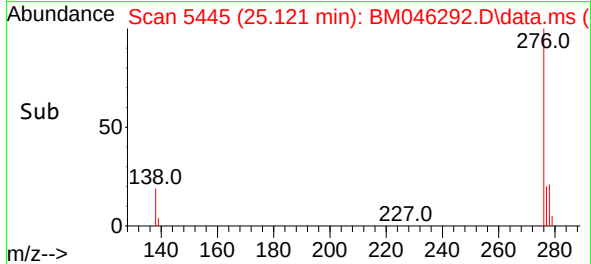
Instrument :
BNA_M
ClientSampleId :
A4C64



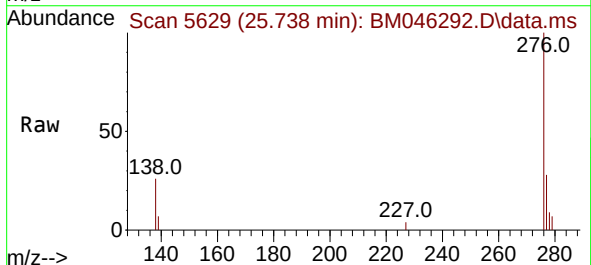
Tgt Ion:278 Resp: 7308
Ion Ratio Lower Upper
278 100
139 19.2 17.6 26.4
279 28.8 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.005 ng/ul
RT: 25.738 min Scan# 5629
Delta R.T. -0.047 min
Lab File: BM046292.D
Acq: 25 Jun 2024 15:25



Tgt Ion:276 Resp: 37321
Ion Ratio Lower Upper
276 100
138 25.7 21.7 32.5
277 28.2 20.4 30.6

