

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046299.D
 Acq On : 25 Jun 2024 19:44
 Operator : MA/JU
 Sample : P2844-21DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C46DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 23:28:49 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	7.400	152	2327	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.178	136	7120	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.049	164	3895	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8152	0.400	ng/ul	-0.05
17) Chrysene-d12	20.997	240	6761	0.400	ng/ul	-0.03
23) Perylene-d12	23.089	264	8046m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2336	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152	593	0.062	ng/ul	-0.09
18) Fluoranthene-d10	18.830	212	1334	0.066	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.227	128	8011	0.403	ng/ul	99
7) 2-Methylnaphthalene	11.855	142	2176	0.195	ng/ul	98
8) 1-Methylnaphthalene	12.075	142	1566	0.128	ng/ul	97
10) Acenaphthylene	13.771	152	9808	0.531	ng/ul	98
11) Acenaphthene	14.113	153	3622	0.272	ng/ul	97
12) Fluorene	15.113	166	4526	0.316	ng/ul	98
15) Phenanthrene	16.837	178	91282	3.986	ng/ul	96
16) Anthracene	16.930	178	21761	1.276	ng/ul	98
19) Fluoranthene	18.858	202	193730	6.618	ng/ul	96
20) Pyrene	19.225	202	154039	4.866	ng/ul#	93
21) Benzo(a)anthracene	20.982	228	93875	3.595	ng/ul	99
22) Chrysene	21.032	228	90248	2.708	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	115967m	4.001	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	49612m	1.440	ng/ul	
26) Benzo(a)pyrene	22.998	252	53447	1.990	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.128	276	52580	1.196	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.128	278	14670	0.448	ng/ul#	93
29) Benzo(g,h,i)perylene	25.752	276	7584	0.201	ng/ul#	79

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

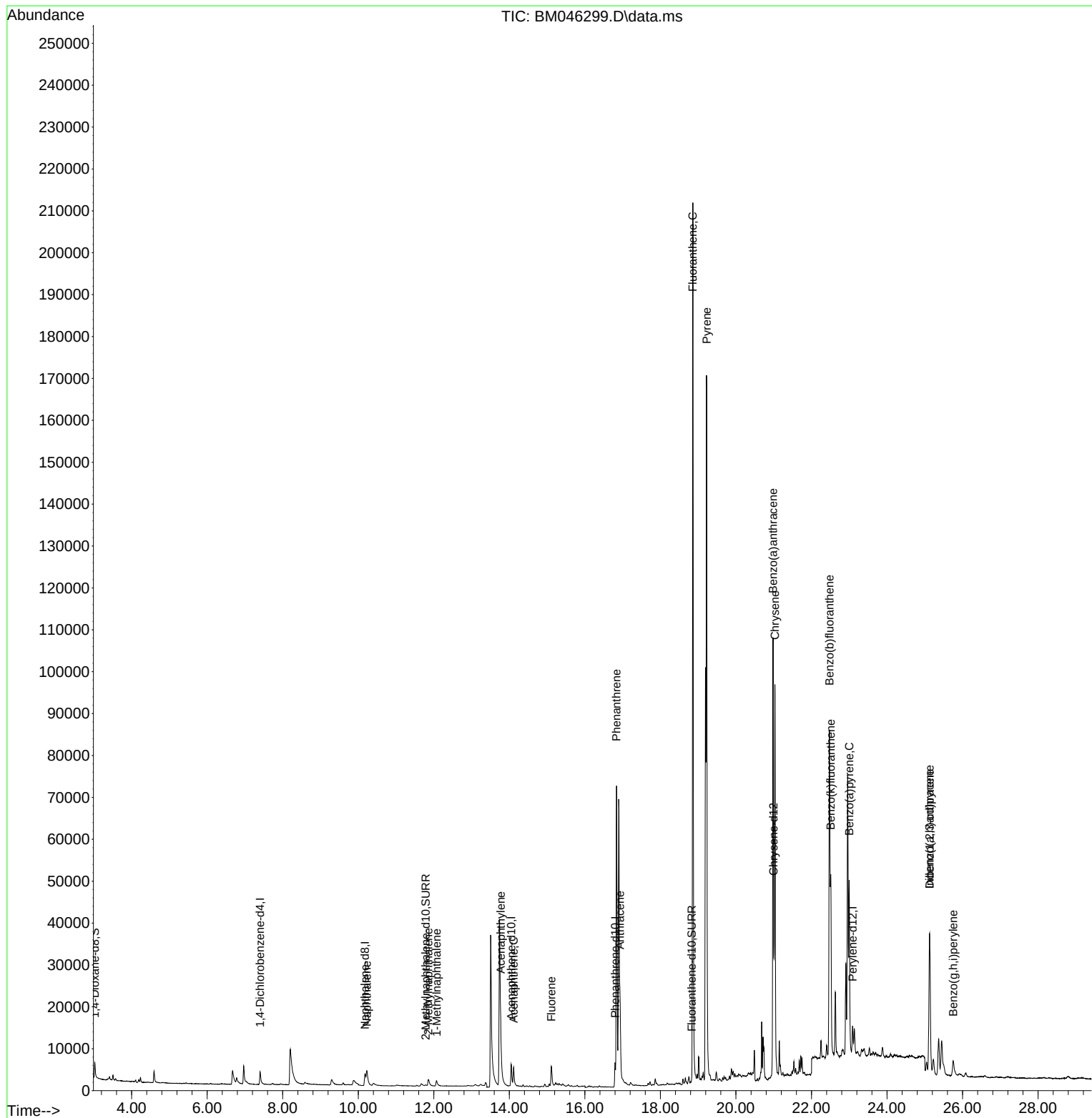
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046299.D
Acq On : 25 Jun 2024 19:44
Operator : MA/JU
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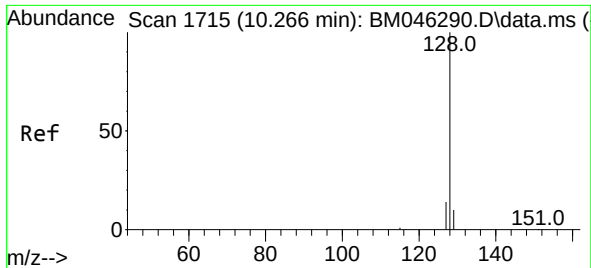
Instrument :
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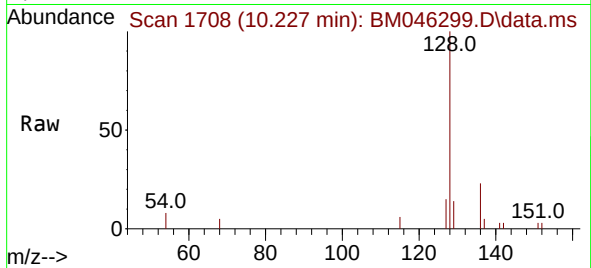
Quant Time: Jun 25 23:28:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.227 min Scan# 11
Delta R.T. -0.077 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

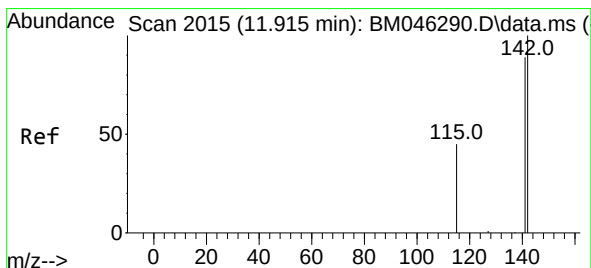
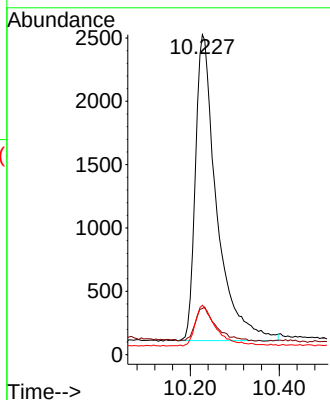
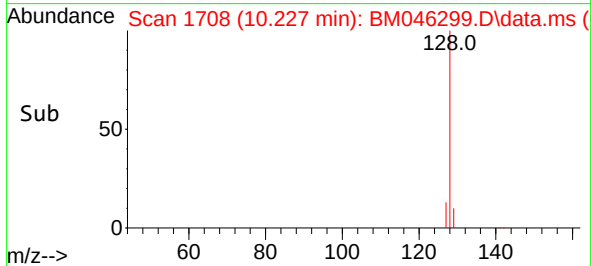
Instrument :
BNA_M
ClientSampleId :
A4C46DL



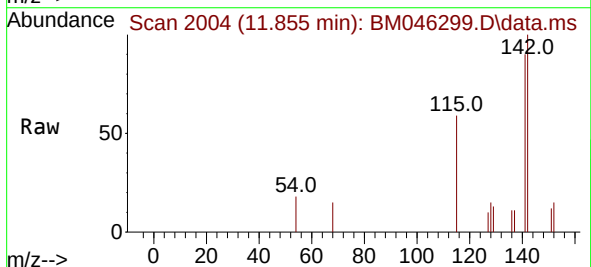
Tgt Ion:128 Resp: 801
Ion Ratio Lower Upper
128 100
129 14.4 11.8 17.6
127 15.4 12.8 19.2

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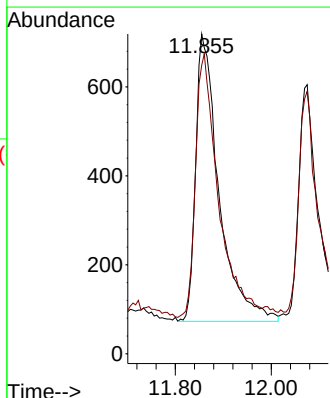
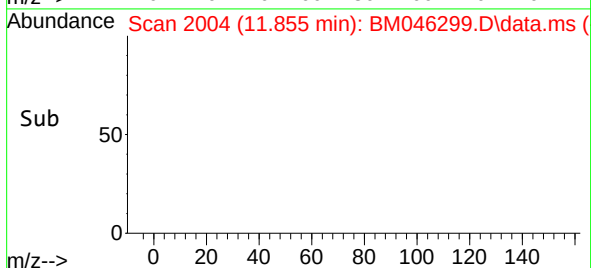
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

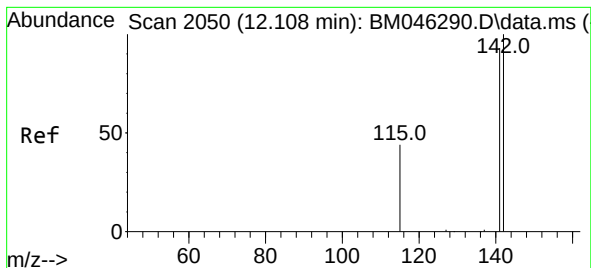


#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 11.855 min Scan# 2004
Delta R.T. -0.099 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44



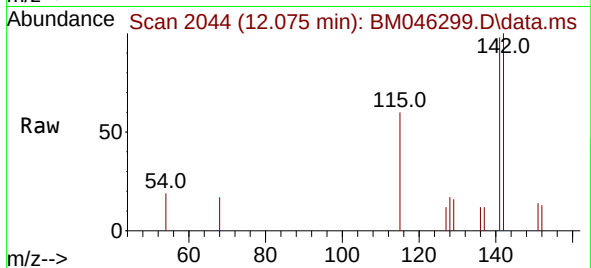
Tgt Ion:142 Resp: 2176
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.075 min Scan# 2050
Delta R.T. -0.061 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

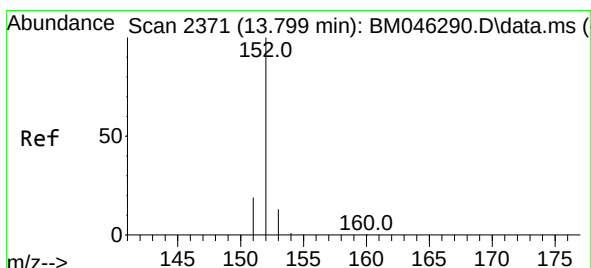
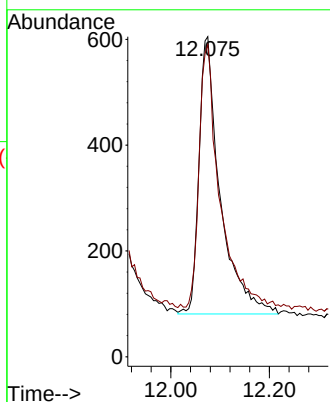
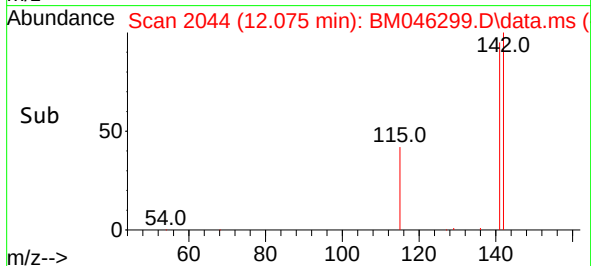
Instrument :
BNA_M
ClientSampleId :
A4C46DL



Tgt Ion:142 Resp: 1560
Ion Ratio Lower Upper
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141 91.5 75.2 112.8

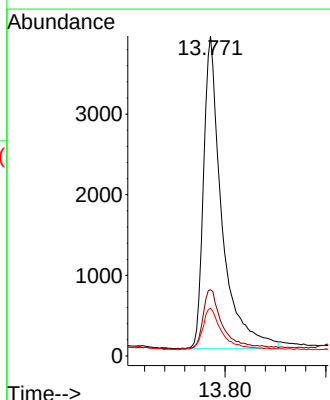
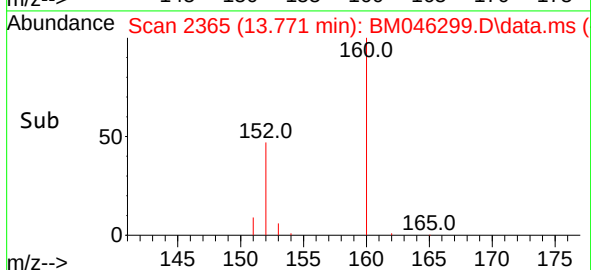
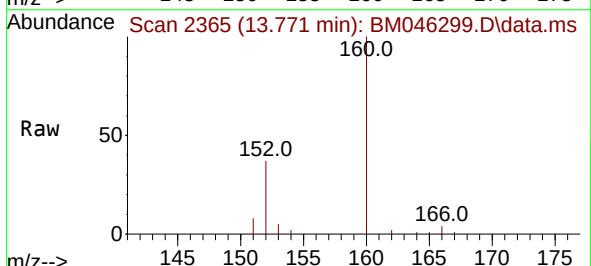
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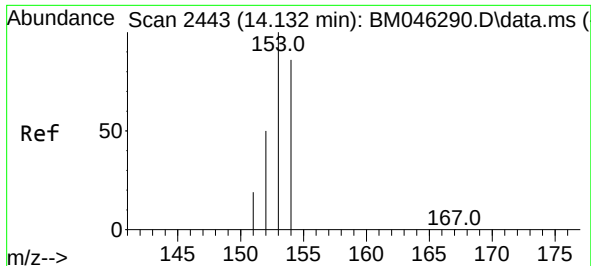
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.531 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.046 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

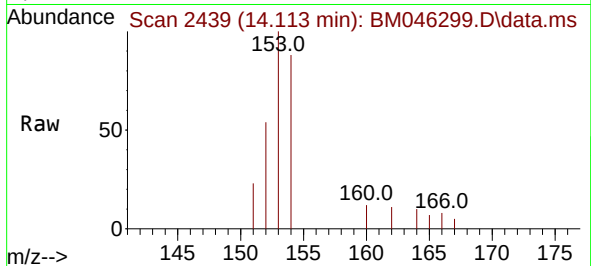
Tgt Ion:152 Resp: 9808
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.2
153 14.9 11.8 17.8





#11
Acenaphthene
Concen: 0.272 ng/u1
RT: 14.113 min Scan# 2443
Delta R.T. -0.032 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

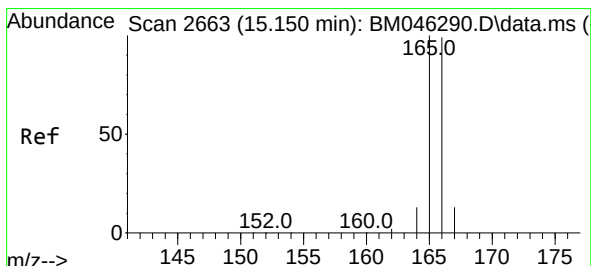
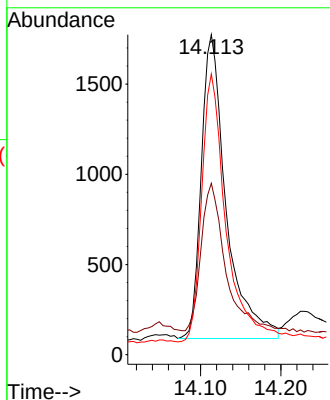
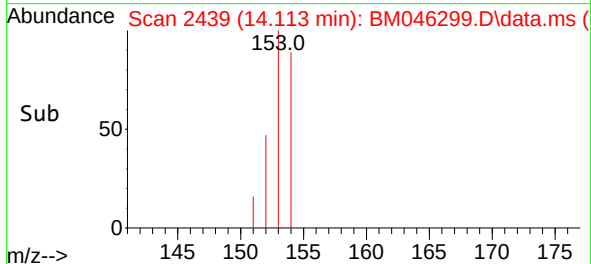
Instrument :
BNA_M
ClientSampleId :
A4C46DL



Tgt Ion:153 Resp: 362
Ion Ratio Lower Upper
153 100
152 53.6 41.3 61.9
154 87.7 68.2 102.4

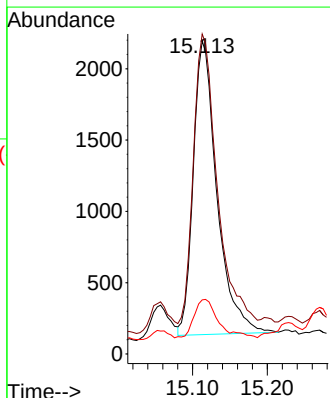
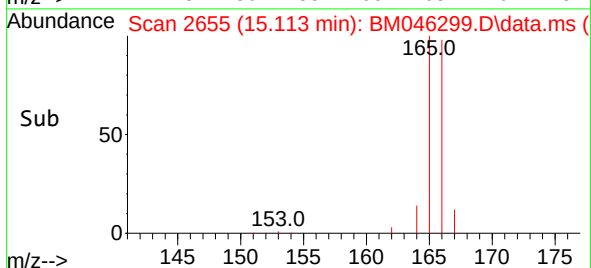
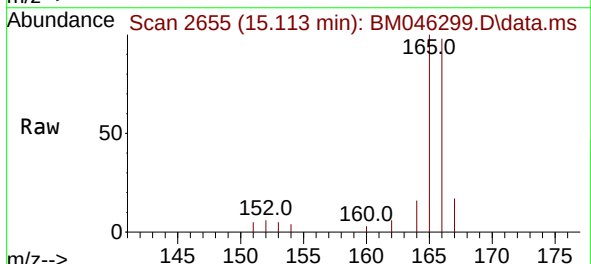
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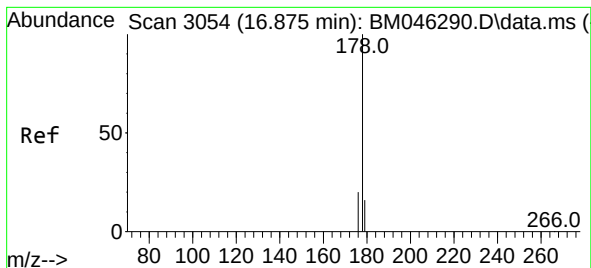
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.316 ng/u1
RT: 15.113 min Scan# 2655
Delta R.T. -0.056 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Tgt Ion:166 Resp: 4526
Ion Ratio Lower Upper
166 100
165 102.3 80.4 120.6
167 17.3 12.4 18.6





#15

Phenanthrene

Concen: 3.986 ng/u1

RT: 16.837 min Scan# 3045

Delta R.T. -0.051 min

Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

Instrument :

BNA_M

ClientSampleId :

A4C46DL

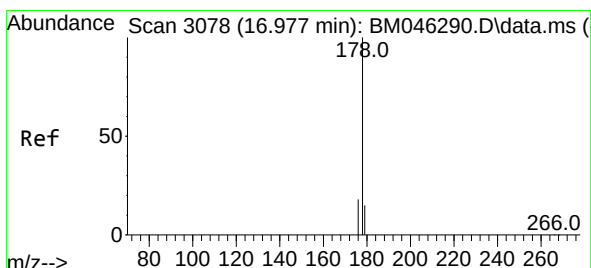
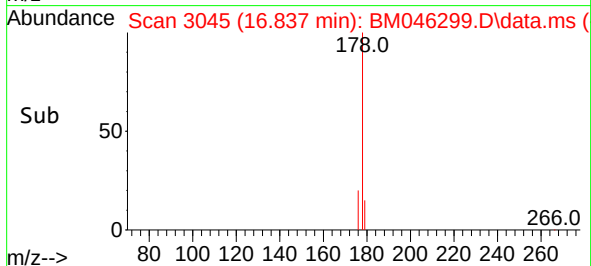
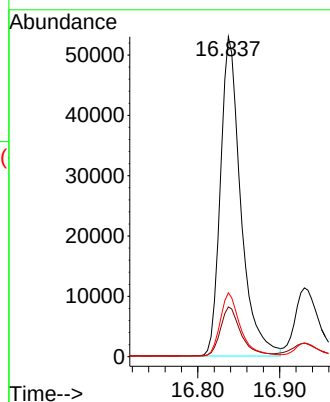
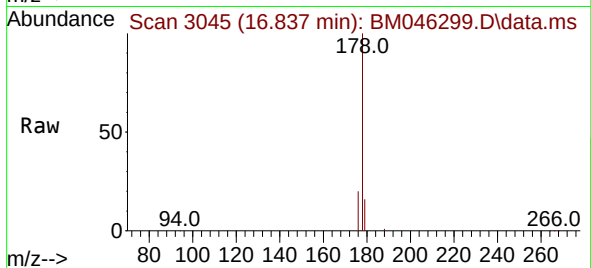
Tgt Ion:178	Resp:	9128
Ion Ratio	Lower	Upper
178	100	
179	15.6	14.2 21.2
176	20.0	17.1 25.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#16

Anthracene

Concen: 1.276 ng/u1

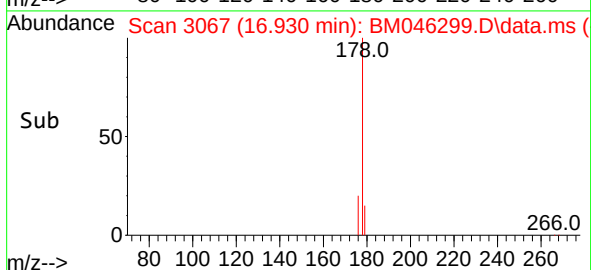
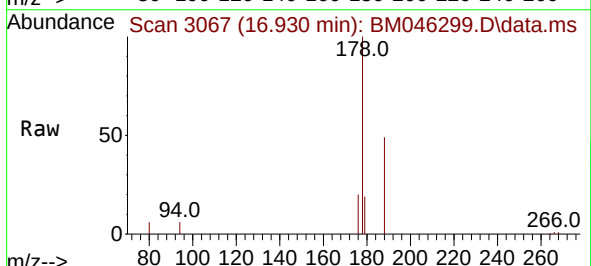
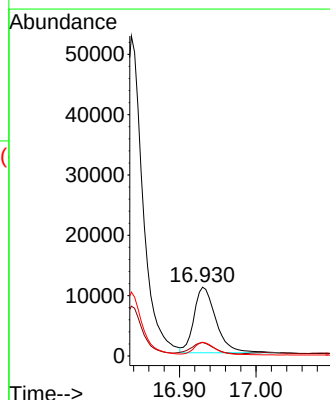
RT: 16.930 min Scan# 3067

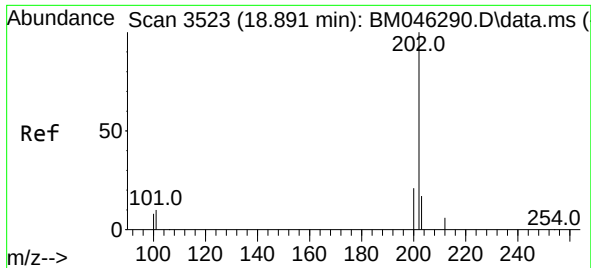
Delta R.T. -0.076 min

Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

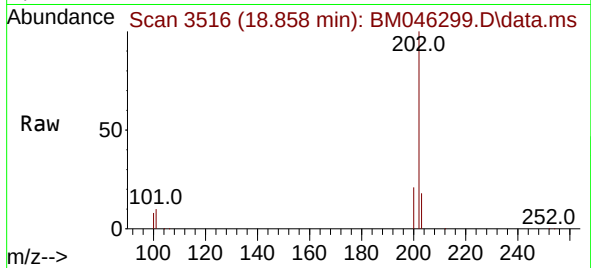
Tgt Ion:178	Resp:	21761
Ion Ratio	Lower	Upper
178	100	
179	19.4	14.9 22.3
176	20.1	17.0 25.4





#19
Fluoranthene
Concen: 6.618 ng/u1
RT: 18.858 min Scan# 3516
Delta R.T. -0.047 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

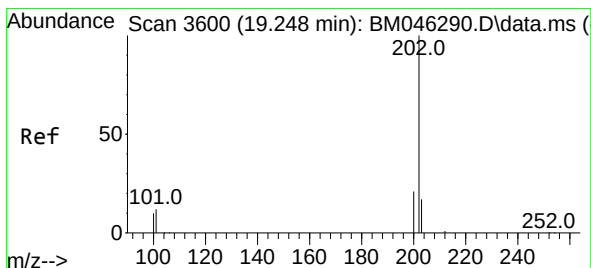
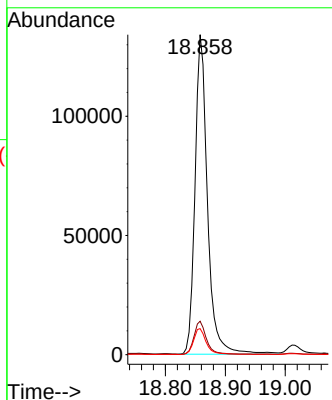
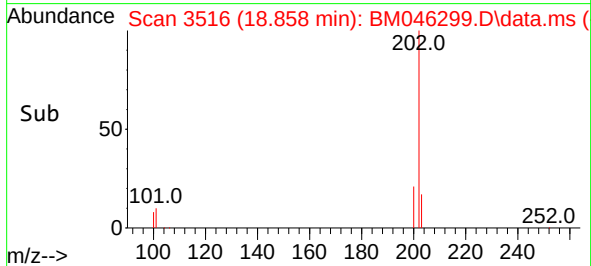
Instrument :
BNA_M
ClientSampleId :
A4C46DL



Tgt Ion:202 Resp: 193730
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.2 7.6 11.4

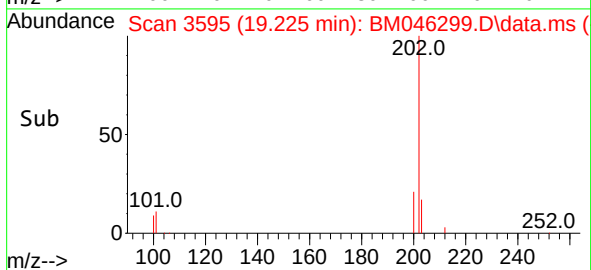
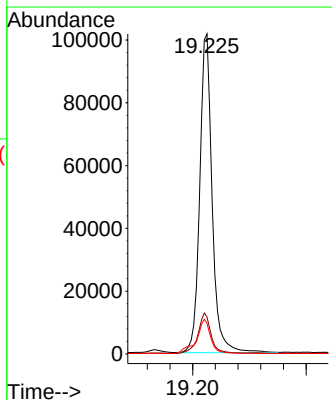
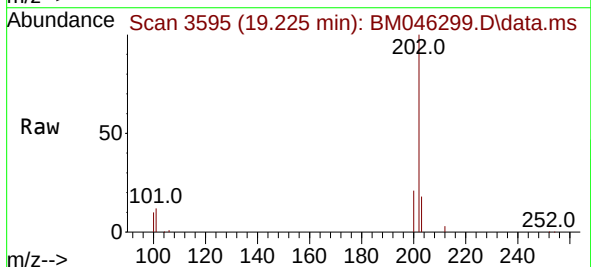
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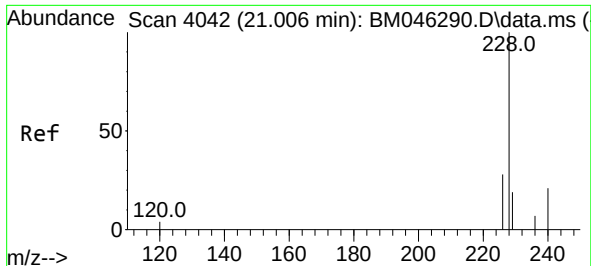
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 4.866 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.033 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

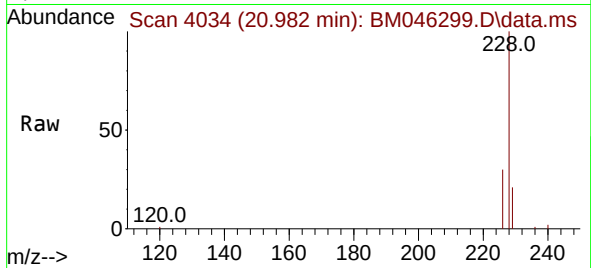
Tgt Ion:202 Resp: 154039
Ion Ratio Lower Upper
202 100
101 11.5 11.3 16.9
100 9.5 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 3.595 ng/ul
RT: 20.982 min Scan# 4042
Delta R.T. -0.029 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

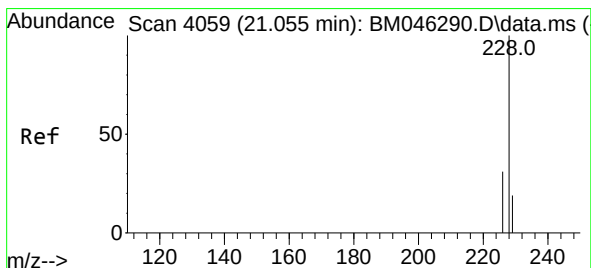
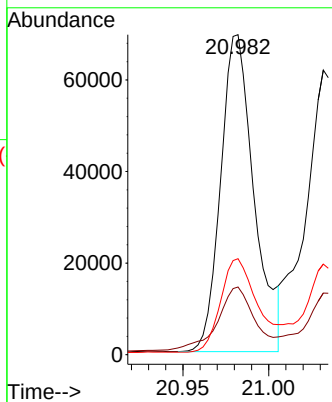
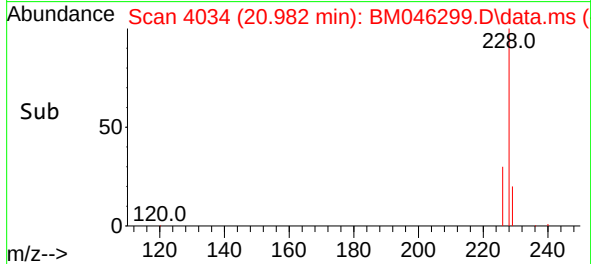
Instrument :
BNA_M
ClientSampleId :
A4C46DL



Tgt Ion:228 Resp: 93875
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 30.0 23.4 35.2

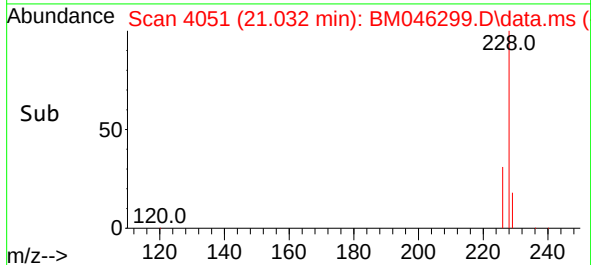
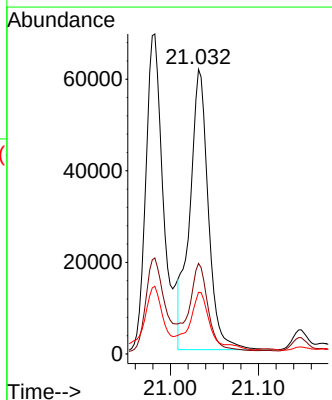
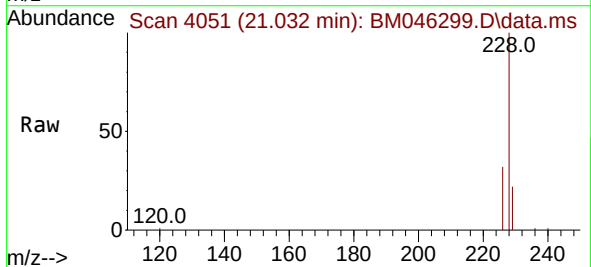
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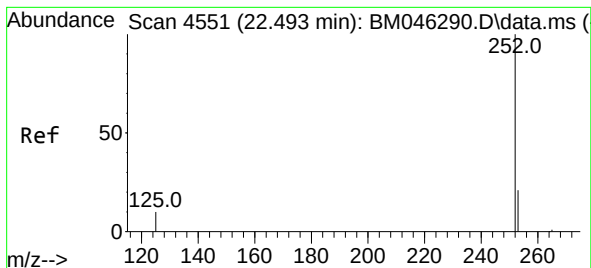
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 2.708 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.026 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Tgt Ion:228 Resp: 90248
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.6 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 4.001 ng/ul m

RT: 22.475 min Scan# 4

Delta R.T. -0.021 min

Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

Instrument :

BNM_M

ClientSampleId :

A4C46DL

Tgt Ion:252 Resp: 11596

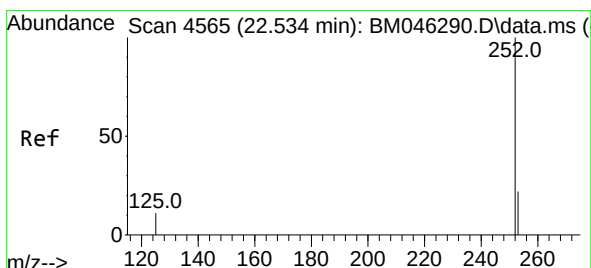
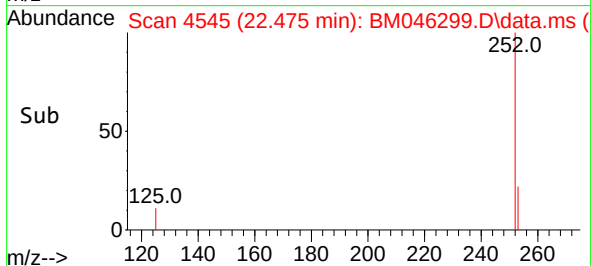
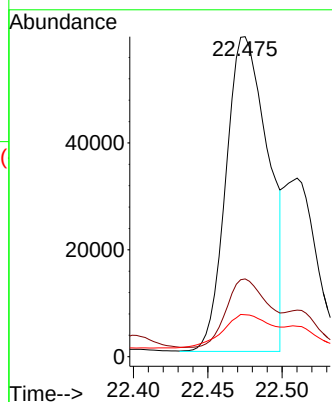
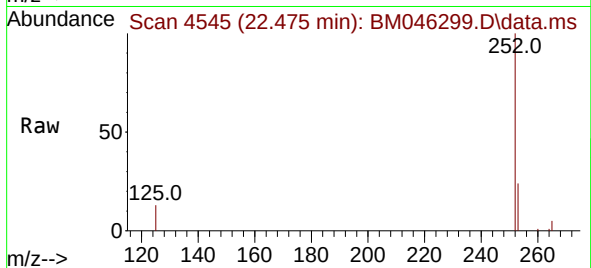
Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	65.8
125	13.1	0.0	40.2

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: 1.440 ng/ul m

RT: 22.510 min Scan# 4557

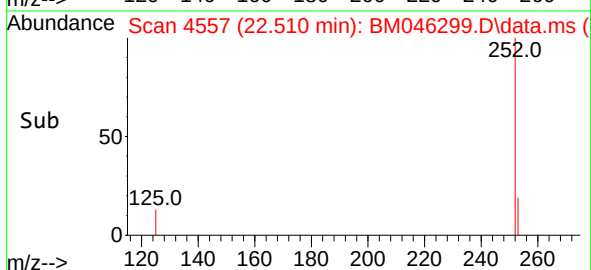
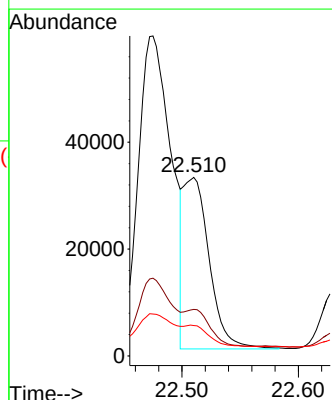
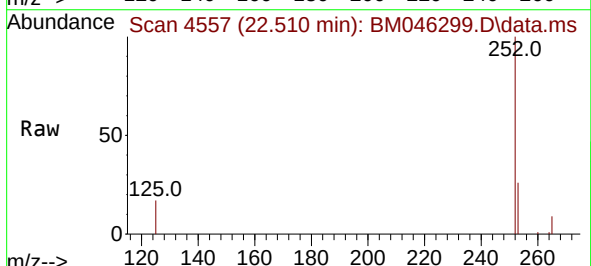
Delta R.T. -0.026 min

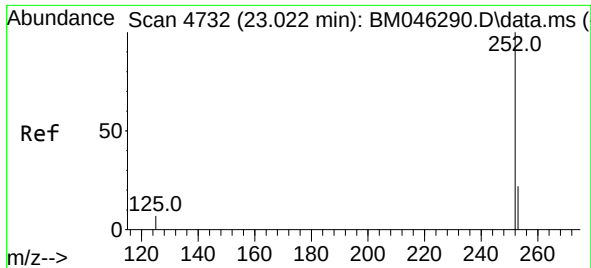
Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

Tgt Ion:252 Resp: 49612

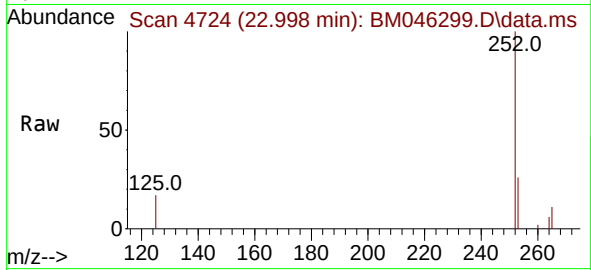
Ion	Ratio	Lower	Upper
252	100		
253	26.1	27.2	40.8#
125	17.0	16.6	25.0





#26
Benzo(a)pyrene
Concen: 1.990 ng/ul
RT: 22.998 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

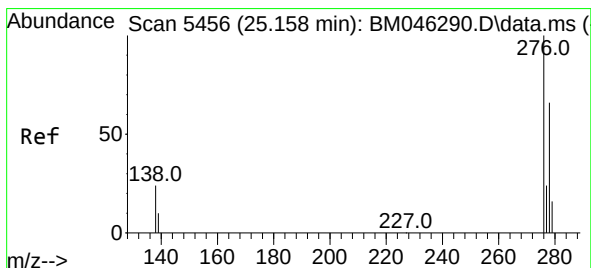
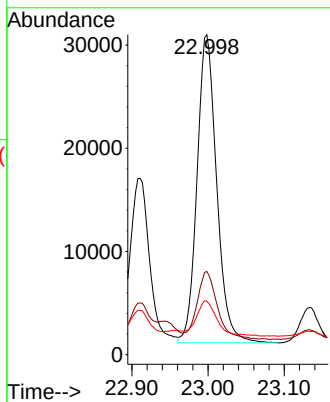
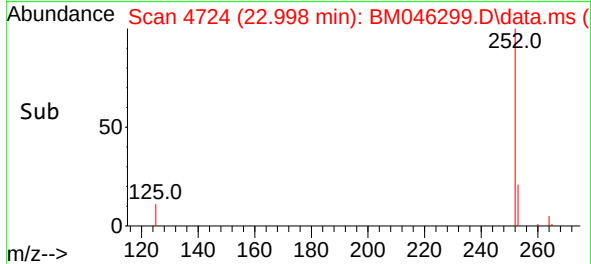
Instrument :
BNA_M
ClientSampleId :
A4C46DL



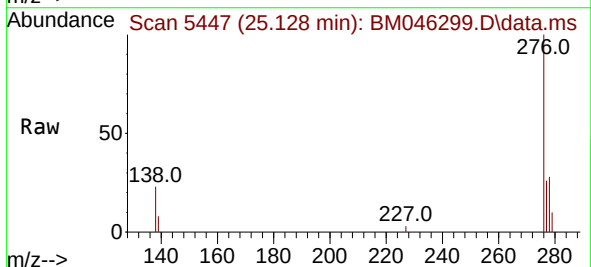
Tgt Ion:252 Resp: 5344
Ion Ratio Lower Upper
252 100
253 26.0 32.1 48.1
125 16.7 21.2 31.8

Manual Integrations
APPROVED

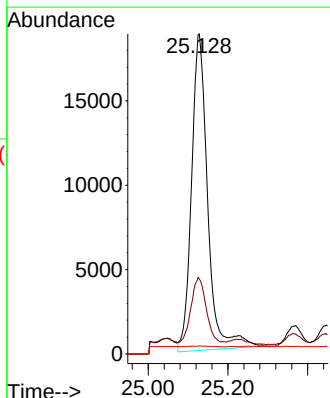
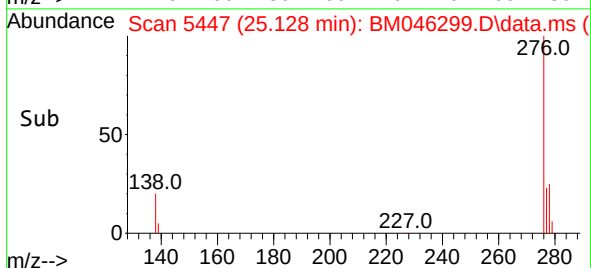
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

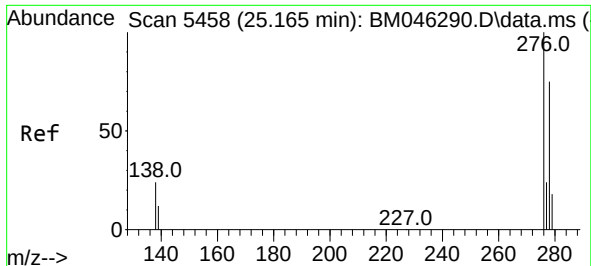


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.196 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.040 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44



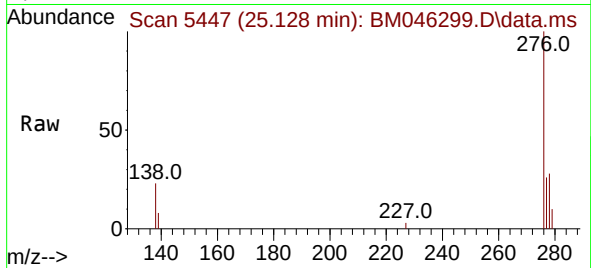
Tgt Ion:276 Resp: 52580
Ion Ratio Lower Upper
276 100
138 27.4 21.0 31.4
227 16.6 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.128 min Scan# 5458
Delta R.T. -0.054 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

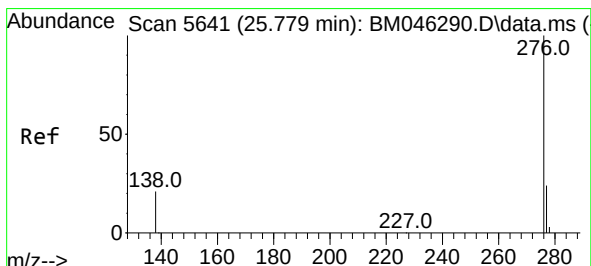
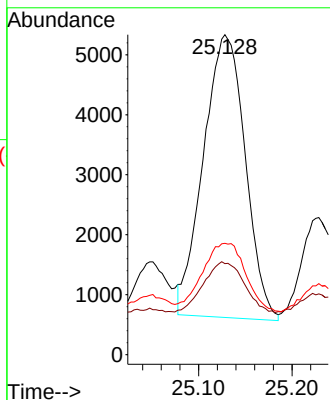
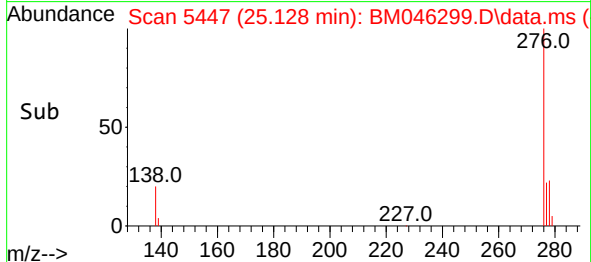
Instrument :
BNA_M
ClientSampleId :
A4C46DL



Tgt Ion: 278 Resp: 14670
Ion Ratio Lower Upper
278 100
139 28.5 17.6 26.4#
279 34.8 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: 0.201 ng/ul
RT: 25.752 min Scan# 5633
Delta R.T. -0.034 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Tgt Ion: 276 Resp: 7584
Ion Ratio Lower Upper
276 100
138 37.7 21.7 32.5#
277 36.5 20.4 30.6#

