

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046306.D
 Acq On : 26 Jun 2024 00:00
 Operator : MA/JU
 Sample : P2844-15DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C69DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 01:23:51 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	2179	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.178	136	6301	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.049	164	3644	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188	8012	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	6511	0.400	ng/ul	-0.03
23) Perylene-d12	23.083	264	8090	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	1889	0.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.800	152	510	0.060	ng/ul	-0.07
18) Fluoranthene-d10	18.825	212	1272m	0.065	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.227	128	4191	0.239	ng/ul#	94
7) 2-Methylnaphthalene	11.871	142	1644	0.166	ng/ul	99
8) 1-Methylnaphthalene	12.080	142	1341	0.124	ng/ul	96
10) Acenaphthylene	13.766	152	12902	0.746	ng/ul	99
11) Acenaphthene	14.109	153	5249	0.421	ng/ul	99
12) Fluorene	15.108	166	6239	0.466	ng/ul	98
14) Pentachlorophenol	16.478	266	96	0.040	ng/ul#	82
15) Phenanthrene	16.833	178	147217	6.540	ng/ul	96
16) Anthracene	16.926	178	30277	1.806	ng/ul	98
19) Fluoranthene	18.858	202	335665	11.907	ng/ul#	94
20) Pyrene	19.220	202	244584	8.022	ng/ul	95
21) Benzo(a)anthracene	20.976	228	140026	5.568	ng/ul	99
22) Chrysene	21.029	228	153735	4.790	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	228185m	7.829	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	86045m	2.483	ng/ul	
26) Benzo(a)pyrene	22.993	252	90583	3.354	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.121	276	97746	2.211	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.125	278	27000	0.820	ng/ul#	94
29) Benzo(g,h,i)perylene	25.742	276	14404	0.380	ng/ul#	87

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

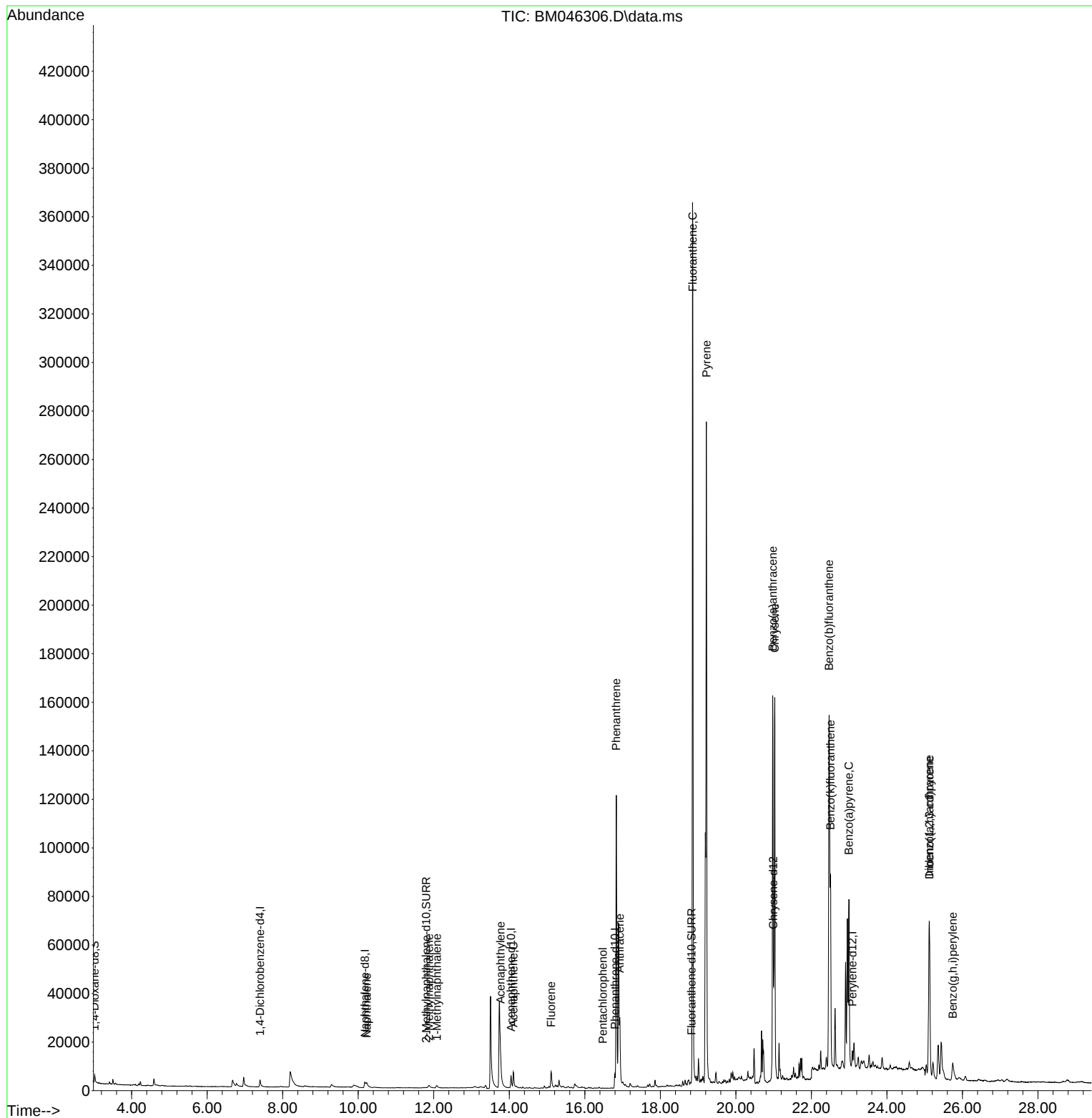
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046306.D
Acq On : 26 Jun 2024 00:00
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ALS Vial : 66 Sample Multiplier: 1

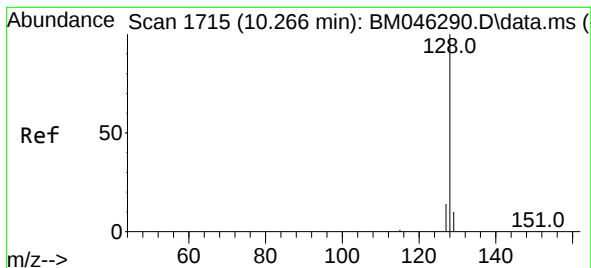
Instrument :
BNA_M
ClientSampleId :
A4C69DL

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Supervised By :mohammad ahmed 06/27/2024

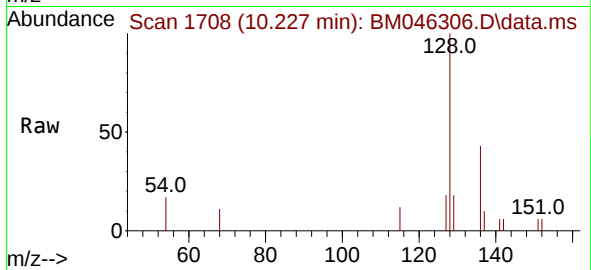
Quant Time: Jun 26 01:23:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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#5
Naphthalene
Concen: 0.239 ng/ul
RT: 10.227 min Scan# 1715
Delta R.T. -0.077 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

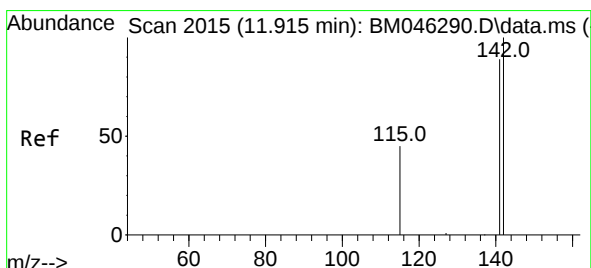
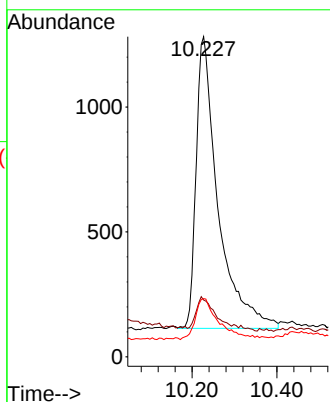
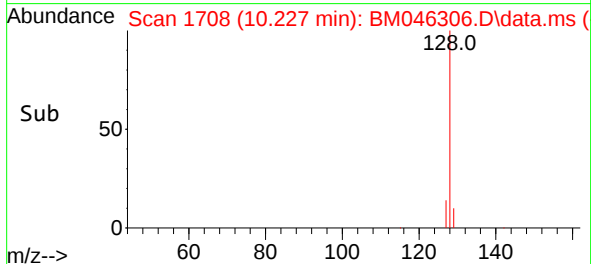
Instrument :
BNA_M
ClientSampleId :
A4C69DL



Tgt Ion:128 Resp: 419
Ion Ratio Lower Upper
128 100
129 17.7 11.8 17.6
127 18.2 12.8 19.2

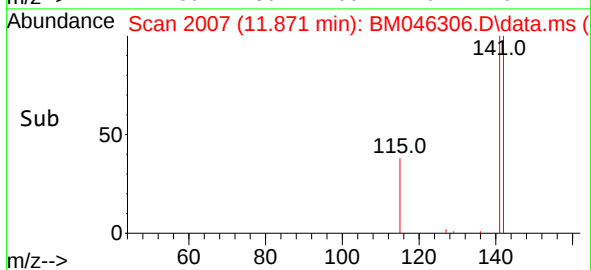
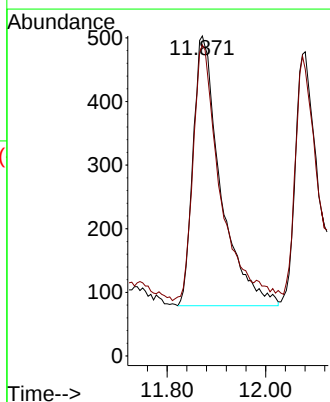
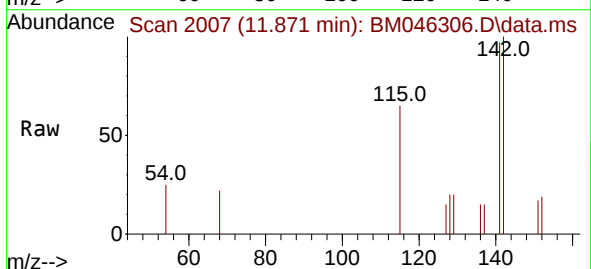
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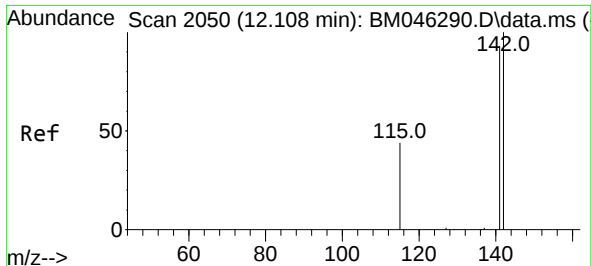
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.083 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

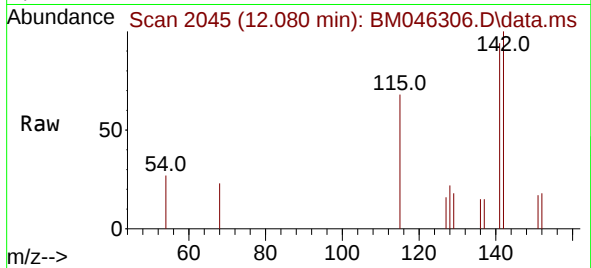
Tgt Ion:142 Resp: 1644
Ion Ratio Lower Upper
142 100
141 94.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.080 min Scan# 2050
Delta R.T. -0.055 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

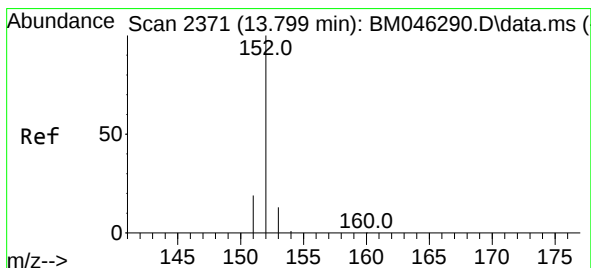
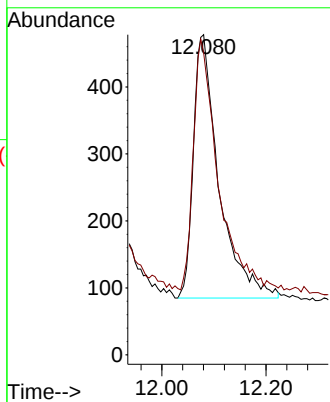
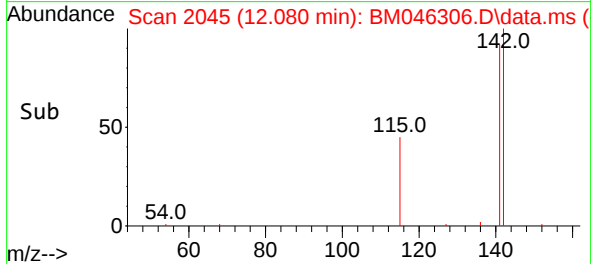
Instrument :
BNA_M
ClientSampleId :
A4C69DL



Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
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141 90.5 75.2 112.8

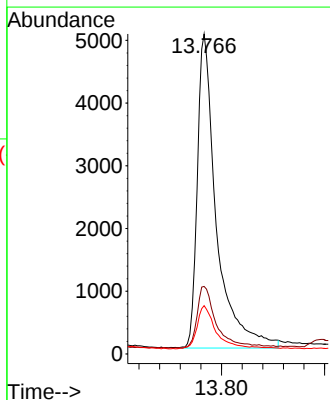
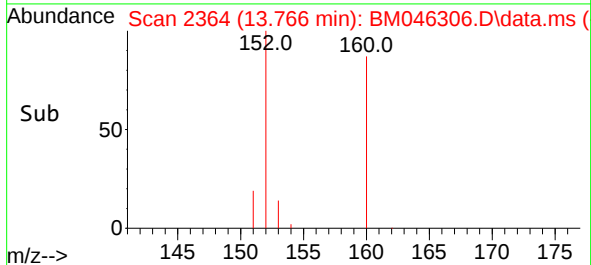
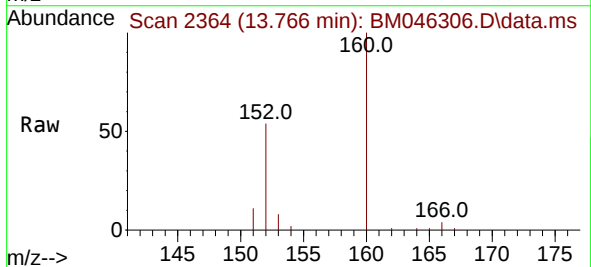
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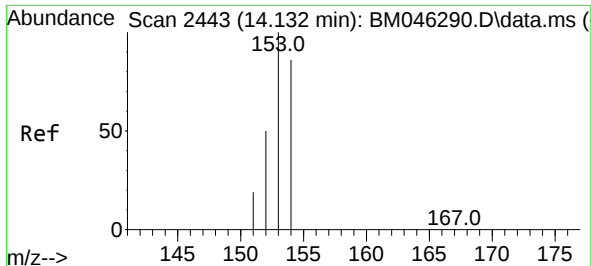
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.746 ng/ul
RT: 13.766 min Scan# 2364
Delta R.T. -0.051 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

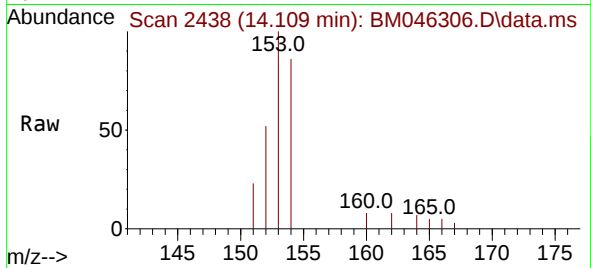
Tgt Ion:152 Resp: 12902
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 15.1 11.8 17.8





#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.109 min Scan# 2443
Delta R.T. -0.037 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

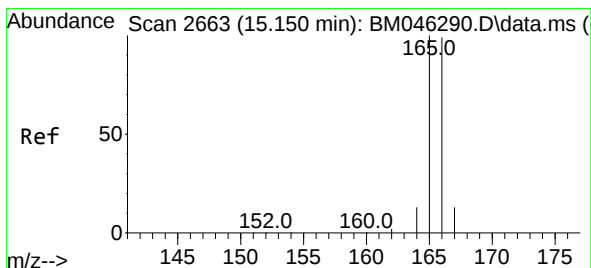
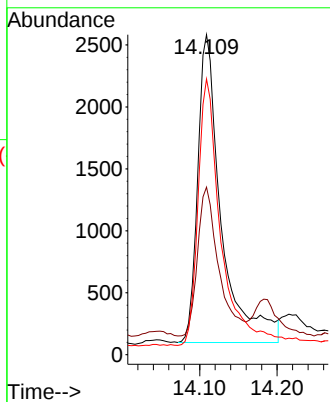
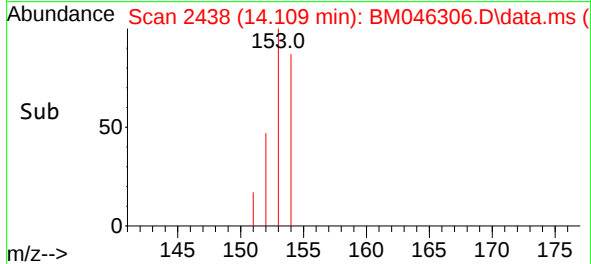
Instrument :
BNA_M
ClientSampleId :
A4C69DL



Tgt Ion:153 Resp: 5249
Ion Ratio Lower Upper
153 100
152 52.3 41.3 61.9
154 86.2 68.2 102.4

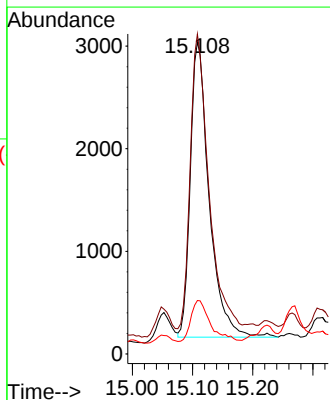
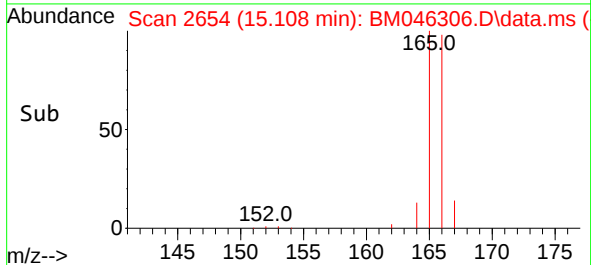
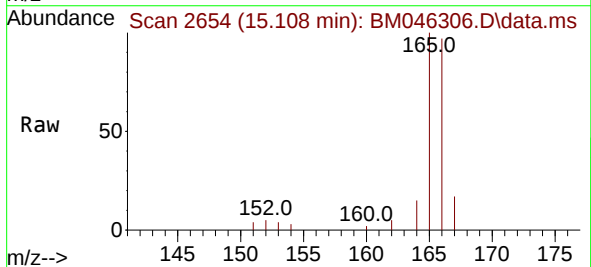
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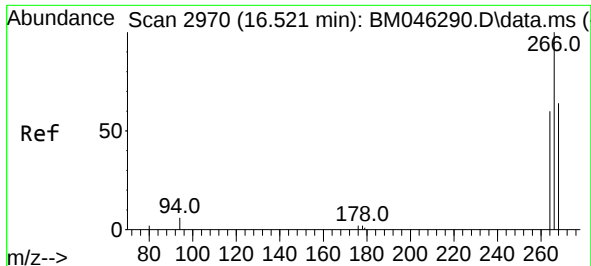
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.466 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.060 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

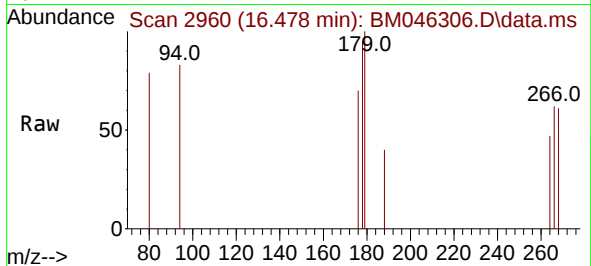
Tgt Ion:166 Resp: 6239
Ion Ratio Lower Upper
166 100
165 102.6 80.4 120.6
167 17.1 12.4 18.6





#14
 Pentachlorophenol
 Concen: 0.040 ng/u1
 RT: 16.478 min Scan# 2970
 Delta R.T. -0.055 min
 Lab File: BM046306.D
 Acq: 26 Jun 2024 00:00

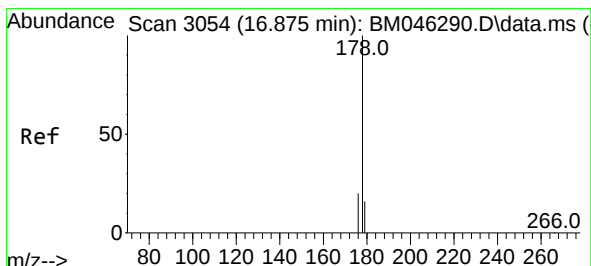
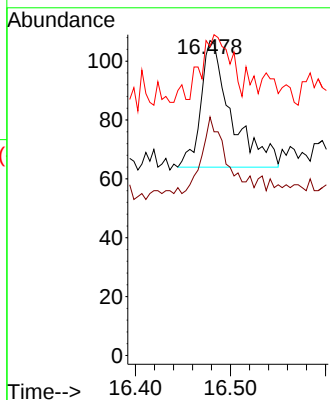
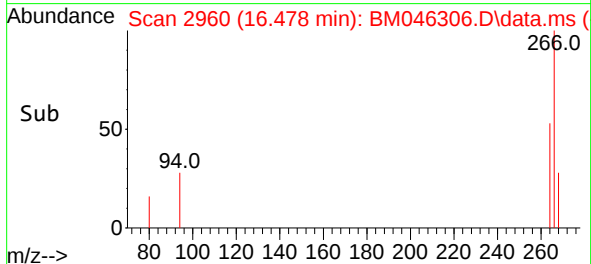
Instrument :
 BNA_M
 ClientSampleId :
 A4C69DL



Tgt Ion:266 Resp: 90
 Ion Ratio Lower Upper
 266 100
 264 49.0 50.9 76.3
 268 51.0 52.3 78.5

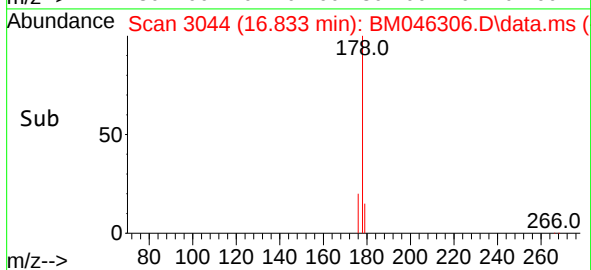
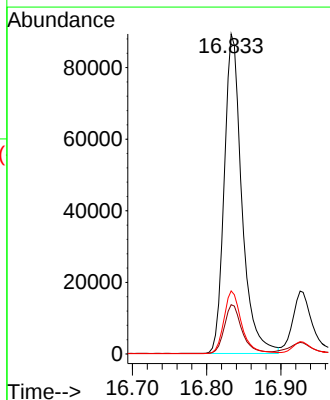
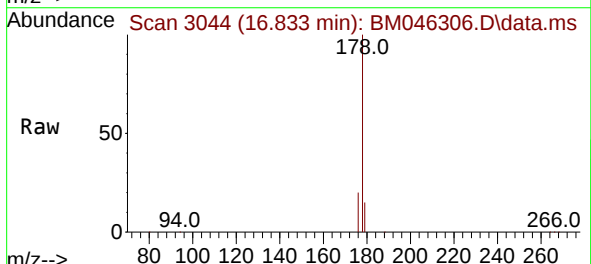
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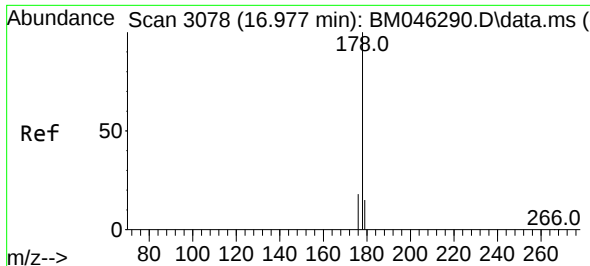
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#15
 Phenanthrene
 Concen: 6.540 ng/u1
 RT: 16.833 min Scan# 3044
 Delta R.T. -0.055 min
 Lab File: BM046306.D
 Acq: 26 Jun 2024 00:00

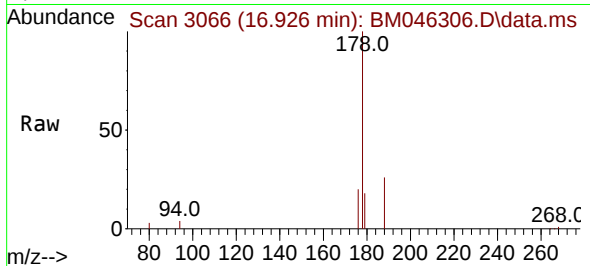
Tgt Ion:178 Resp: 147217
 Ion Ratio Lower Upper
 178 100
 179 15.4 14.2 21.2
 176 19.7 17.1 25.7





#16
 Anthracene
 Concen: 1.806 ng/ul
 RT: 16.926 min Scan# 3078
 Delta R.T. -0.080 min
 Lab File: BM046306.D
 Acq: 26 Jun 2024 00:00

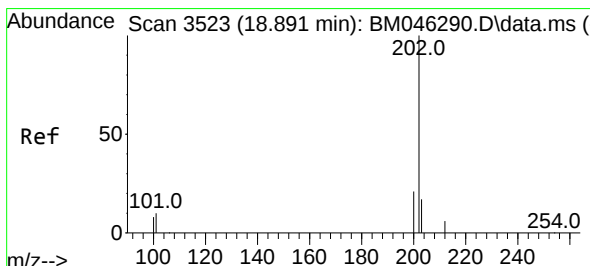
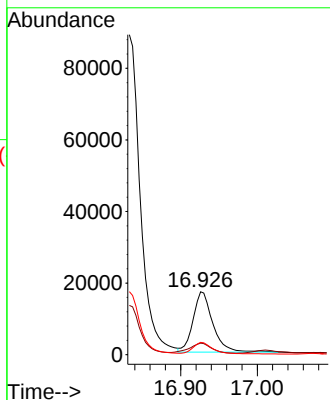
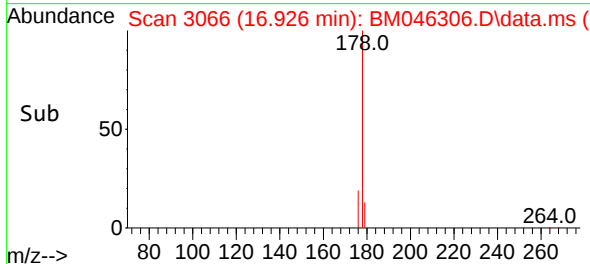
Instrument :
 BNA_M
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 A4C69DL



Tgt Ion:178 Resp: 3027
 Ion Ratio Lower Upper
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 179 18.2 14.9 22.3
 176 19.5 17.0 25.4

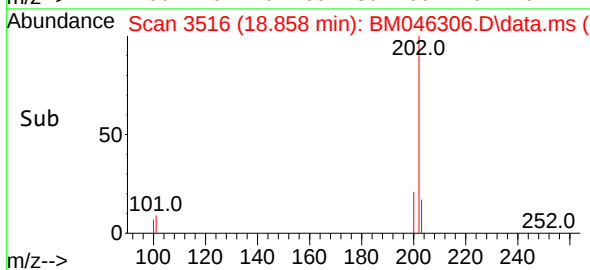
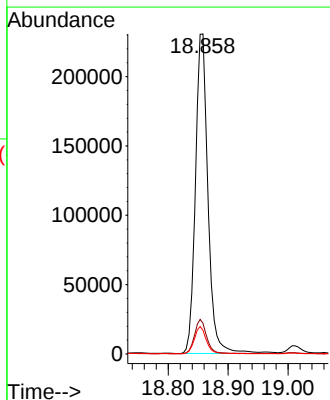
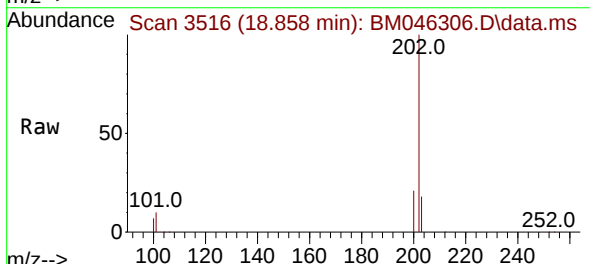
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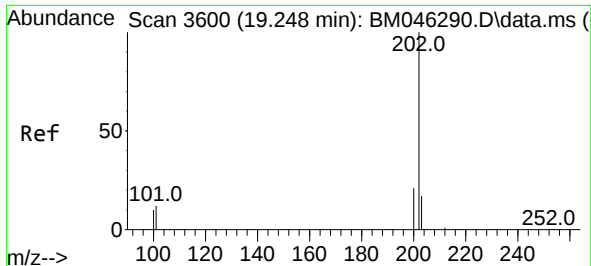
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 11.907 ng/ul
 RT: 18.858 min Scan# 3516
 Delta R.T. -0.047 min
 Lab File: BM046306.D
 Acq: 26 Jun 2024 00:00

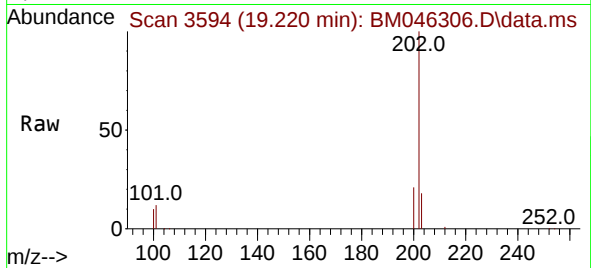
Tgt Ion:202 Resp: 335665
 Ion Ratio Lower Upper
 202 100
 101 9.6 9.6 14.4#
 100 7.4 7.6 11.4#





#20
Pyrene
Concen: 8.022 ng/u1
RT: 19.220 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

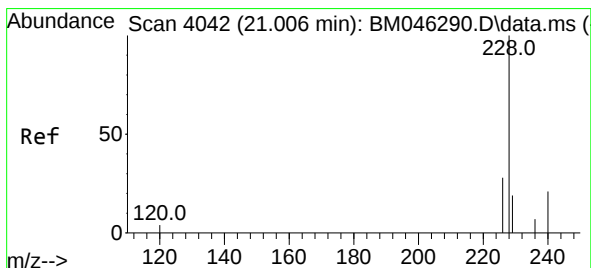
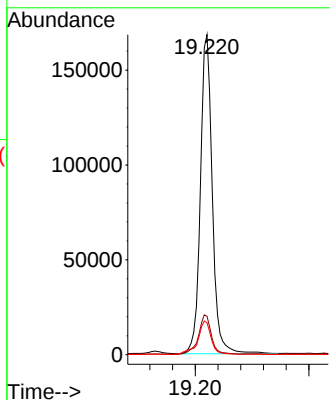
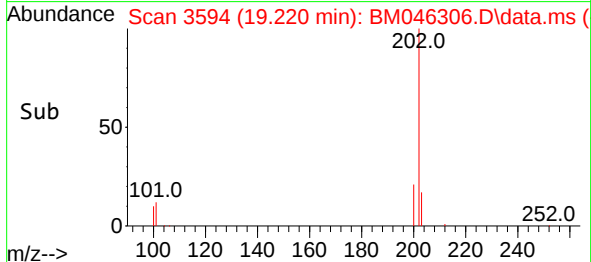
Instrument :
BNA_M
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A4C69DL



Tgt Ion:202 Resp: 244584
Ion Ratio Lower Upper
202 100
101 12.0 11.3 16.9
100 10.0 9.8 14.6

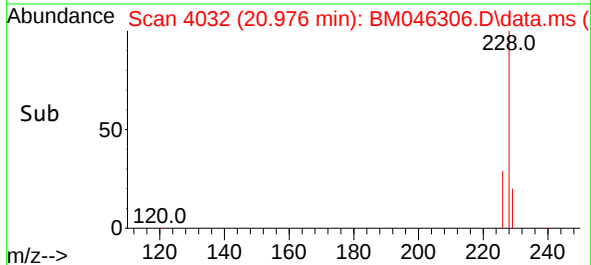
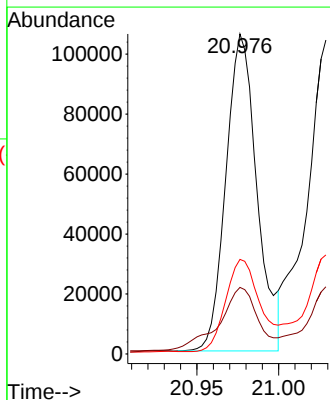
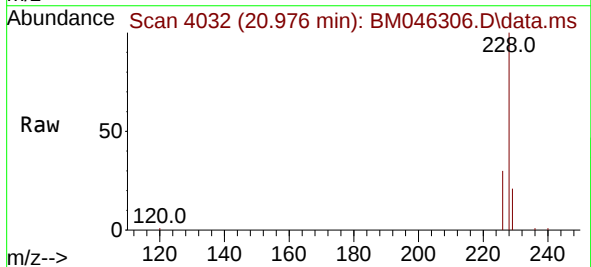
Manual Integrations
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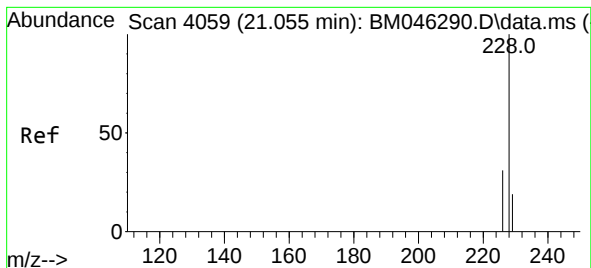
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 5.568 ng/u1
RT: 20.976 min Scan# 4032
Delta R.T. -0.035 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

Tgt Ion:228 Resp: 140026
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.5 23.4 35.2





#22

Chrysene

Concen: 4.790 ng/ul

RT: 21.029 min Scan# 4059

Delta R.T. -0.029 min

Lab File: BM046306.D

Acq: 26 Jun 2024 00:00

Instrument :

BNA_M

ClientSampleId :

A4C69DL

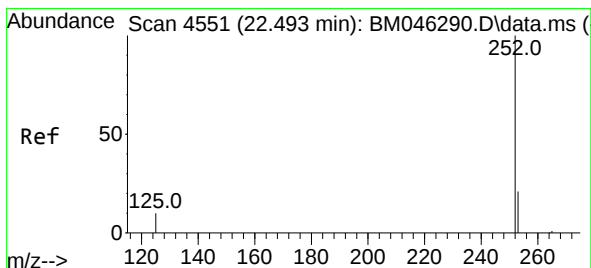
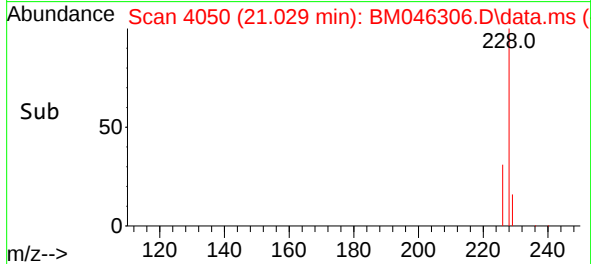
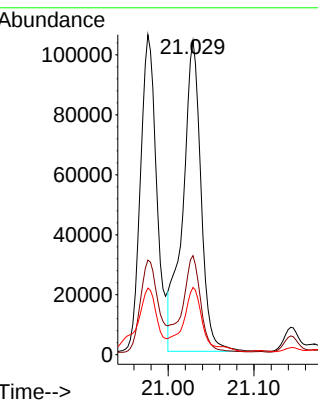
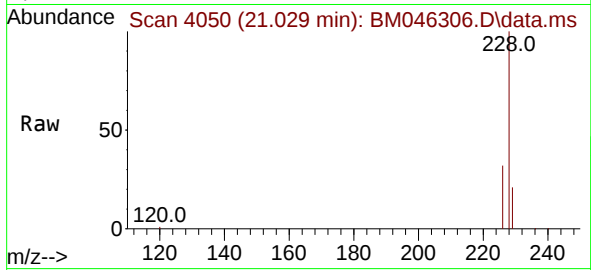
Tgt Ion:228 Resp: 153735
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.2 37.8
 229 21.4 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#24

Benzo(b)fluoranthene

Concen: 7.829 ng/ul m

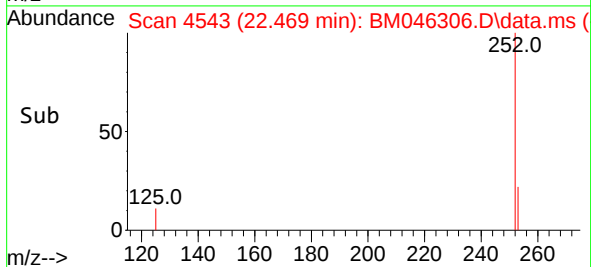
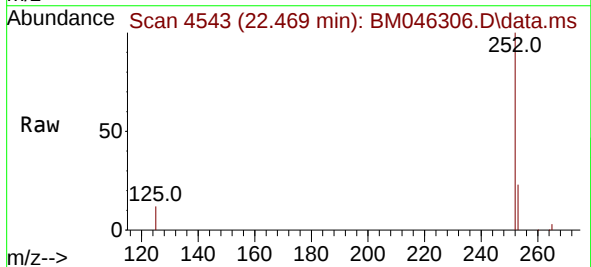
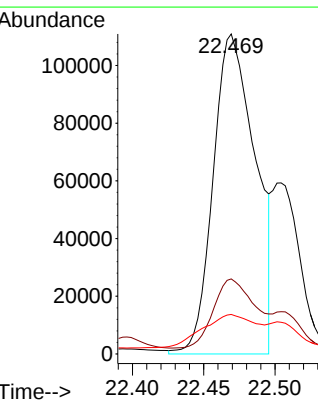
RT: 22.469 min Scan# 4543

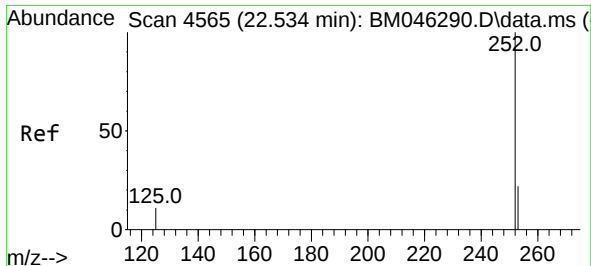
Delta R.T. -0.026 min

Lab File: BM046306.D

Acq: 26 Jun 2024 00:00

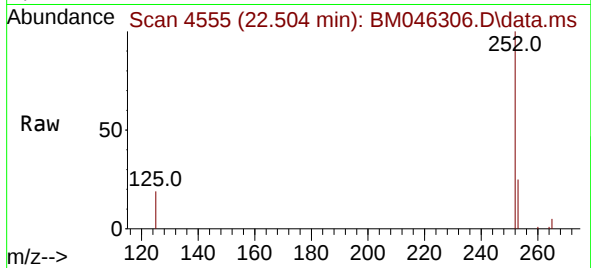
Tgt Ion:252 Resp: 228185
 Ion Ratio Lower Upper
 252 100
 253 23.5 0.0 65.8
 125 12.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 2.483 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.032 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

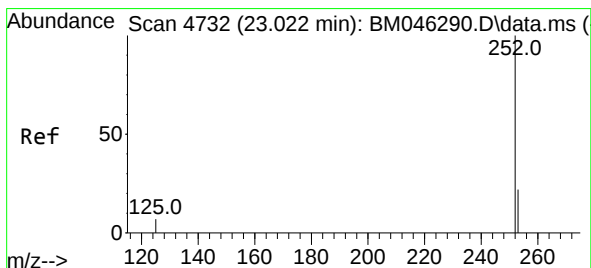
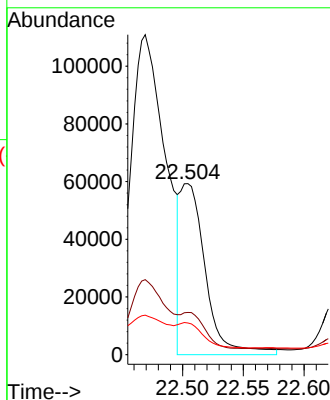
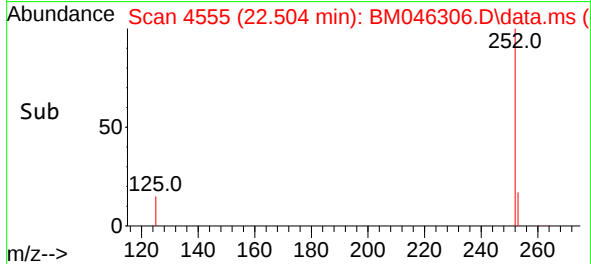
Instrument :
BNA_M
ClientSampleId :
A4C69DL



Tgt Ion:252 Resp: 86045
Ion Ratio Lower Upper
252 100
253 24.7 27.2 40.8#
125 18.6 16.6 25.0

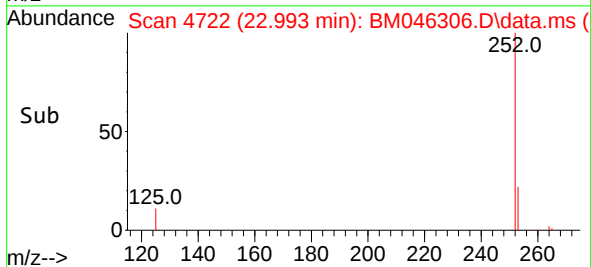
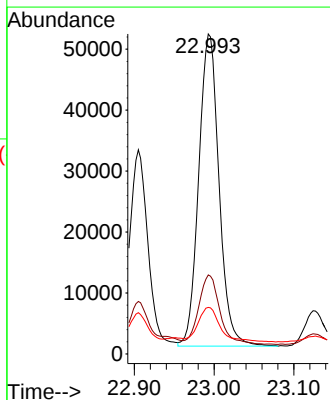
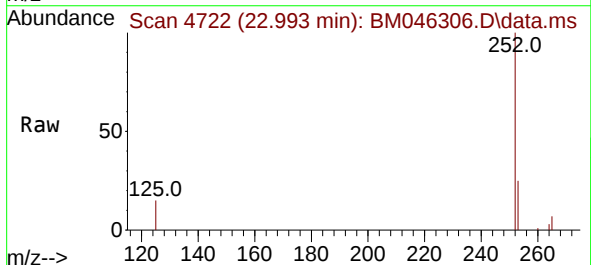
Manual Integrations
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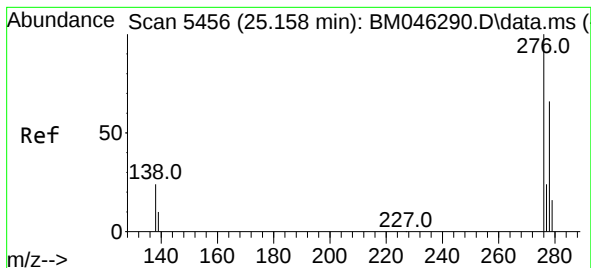
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 3.354 ng/ul
RT: 22.993 min Scan# 4722
Delta R.T. -0.035 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

Tgt Ion:252 Resp: 90583
Ion Ratio Lower Upper
252 100
253 24.7 32.1 48.1#
125 14.6 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.211 ng/ul

RT: 25.121 min Scan# 5445

Delta R.T. -0.047 min

Lab File: BM046306.D

Acq: 26 Jun 2024 00:00

Instrument :

BNA_M

ClientSampleId :

A4C69DL

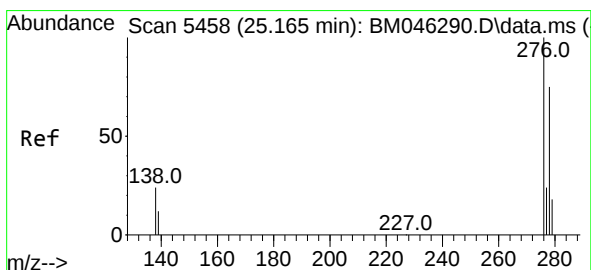
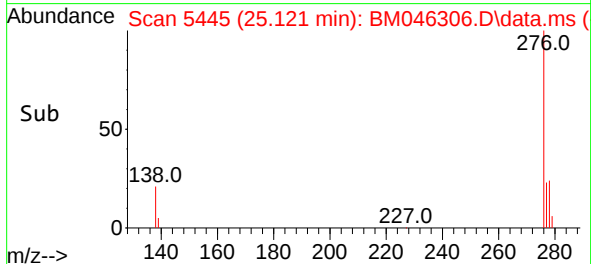
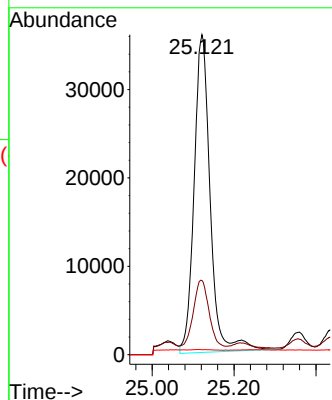
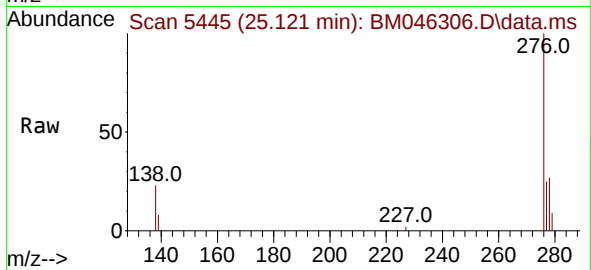
Tgt Ion:276 Resp: 97740
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.0 31.4
 227 10.7 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.820 ng/ul

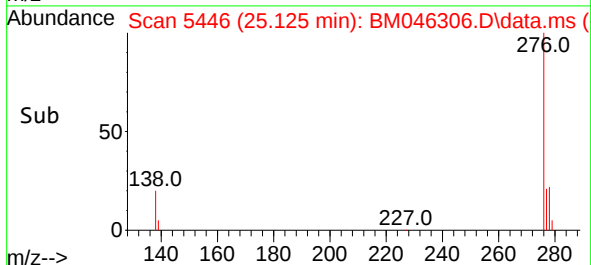
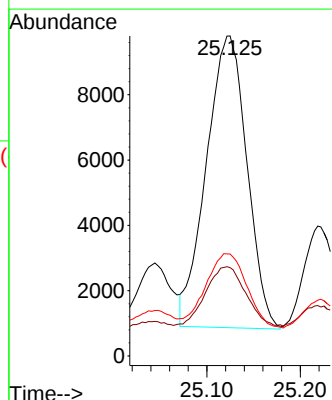
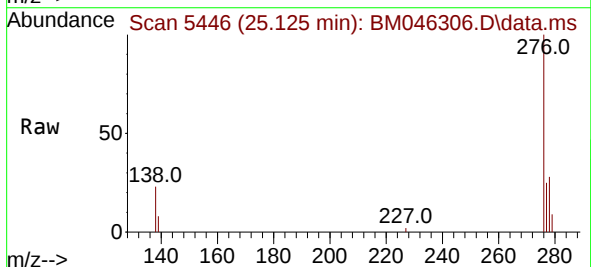
RT: 25.125 min Scan# 5446

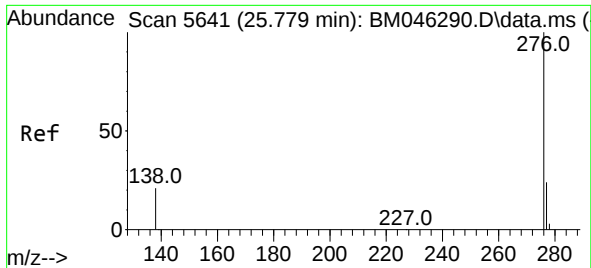
Delta R.T. -0.057 min

Lab File: BM046306.D

Acq: 26 Jun 2024 00:00

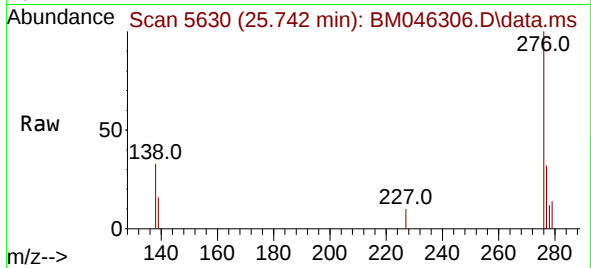
Tgt Ion:278 Resp: 27000
 Ion Ratio Lower Upper
 278 100
 139 27.6 17.6 26.4#
 279 31.9 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 25.742 min Scan# 50
Delta R.T. -0.044 min
Lab File: BM046306.D
Acq: 26 Jun 2024 00:00

Instrument :
BNA_M
ClientSampleId :
A4C69DL



Tgt Ion:276 Resp: 1440
Ion Ratio Lower Upper
276 100
138 33.4 21.7 32.5
277 32.0 20.4 30.6

Manual Integrations
APPROVED

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

