

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046311.D
 Acq On : 26 Jun 2024 03:38
 Operator : MA/JU
 Sample : P2844-07DL 5X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C85DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 05:03:12 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	7.409	152	2312	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	6650	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.062	164	4201	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.812	188	8661	0.400	ng/ul	-0.03
17) Chrysene-d12	21.011	240	7669	0.400	ng/ul	0.00
23) Perylene-d12	23.092	264	8813m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1295	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	243	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.839	212	669	0.029	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.785	152	638	0.032	ng/ul#	49
11) Acenaphthene	14.123	153	300	0.021	ng/ul#	89
12) Fluorene	15.127	166	394	0.026	ng/ul#	85
15) Phenanthrene	16.850	178	7813	0.321	ng/ul	100
16) Anthracene	16.947	178	1403	0.077	ng/ul#	78
19) Fluoranthene	18.872	202	16567	0.499	ng/ul	98
20) Pyrene	19.230	202	12603	0.351	ng/ul	99
21) Benzo(a)anthracene	20.997	228	7073	0.239	ng/ul	94
22) Chrysene	21.046	228	7340	0.194	ng/ul	96
24) Benzo(b)fluoranthene	22.484	252	10465m	0.330	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	4708m	0.125	ng/ul	
26) Benzo(a)pyrene	23.001	252	4245	0.144	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.148	276	4796	0.100	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.145	278	1087m	0.030	ng/ul	

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

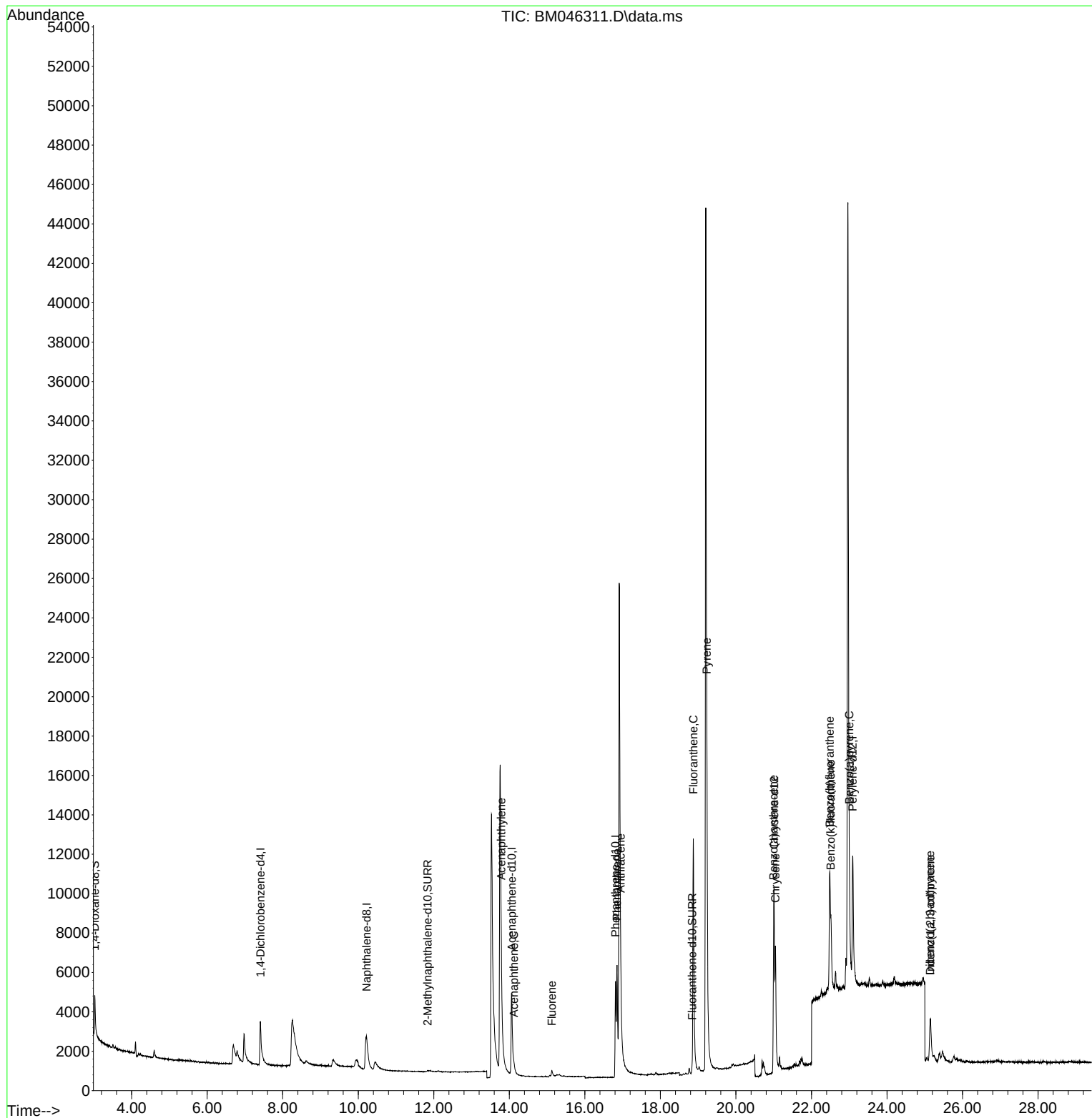
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046311.D
Acq On : 26 Jun 2024 03:38
Operator : MA/JU
Sample : P2844-07DL 5X
Misc :
ALS Vial : 72 Sample Multiplier: 1

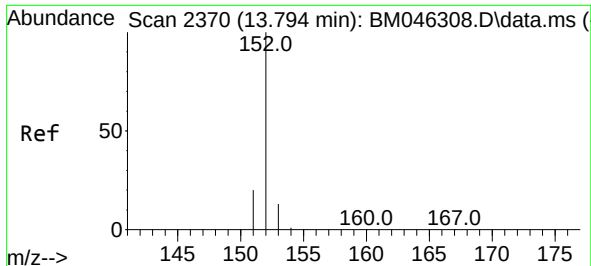
Instrument :
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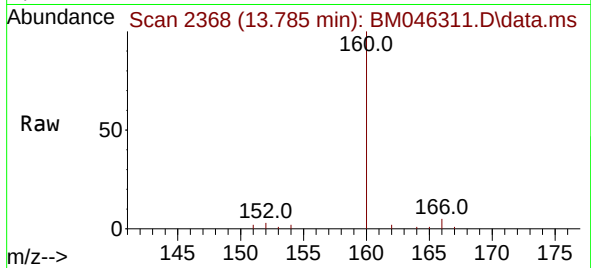
Quant Time: Jun 26 05:03:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.785 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

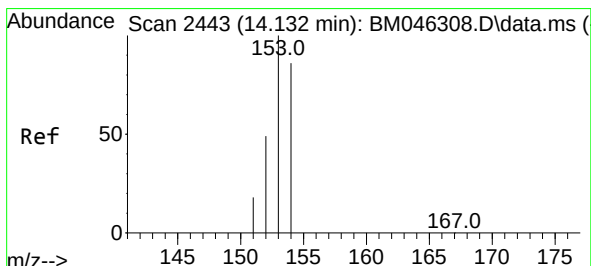
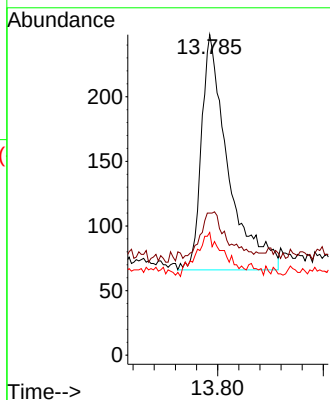
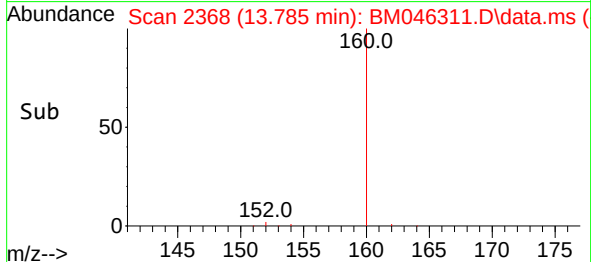
Instrument :
BNA_M
ClientSampleId :
A4C85DL



Tgt Ion:152 Resp: 638
Ion Ratio Lower Upper
152 100
151 44.4 17.4 26.2
153 38.3 11.8 17.8

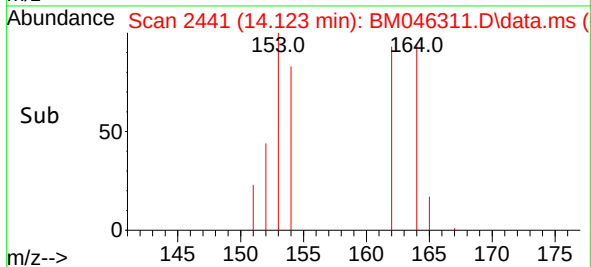
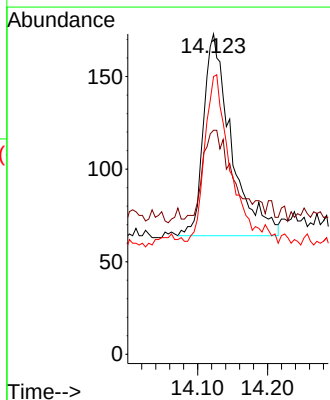
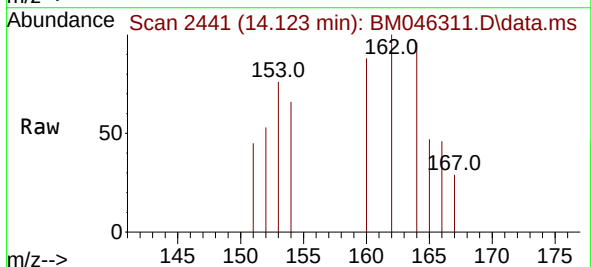
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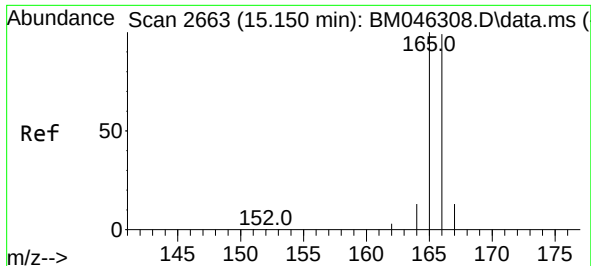
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

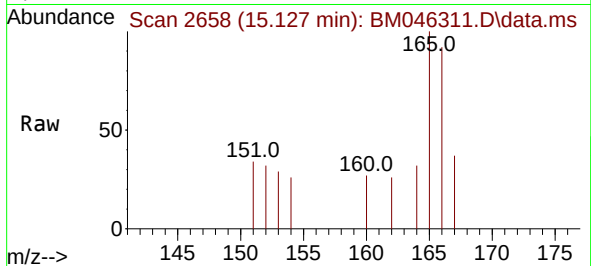
Tgt Ion:153 Resp: 300
Ion Ratio Lower Upper
153 100
152 69.9 41.3 61.9
154 86.7 68.2 102.4





#12
Fluorene
Concen: 0.026 ng/uI
RT: 15.127 min Scan# 20658
Delta R.T. -0.023 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

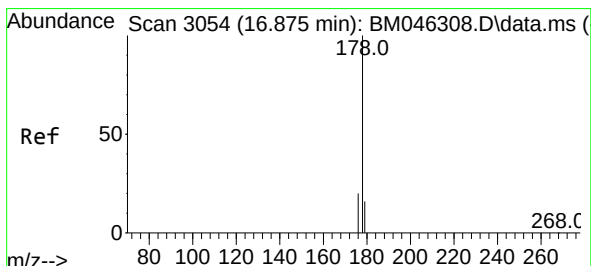
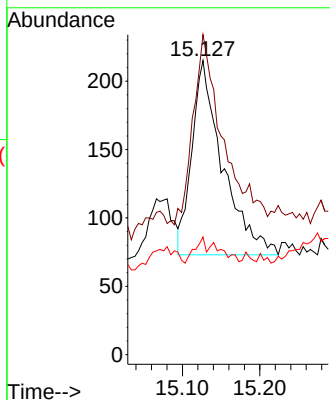
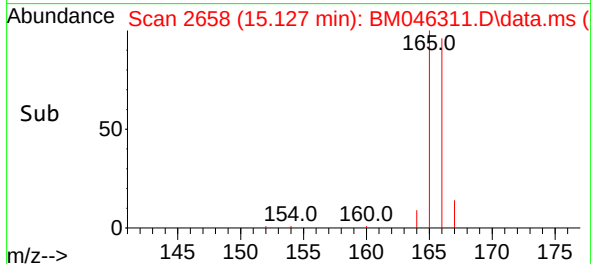
Instrument :
BNA_M
ClientSampleId :
A4C85DL



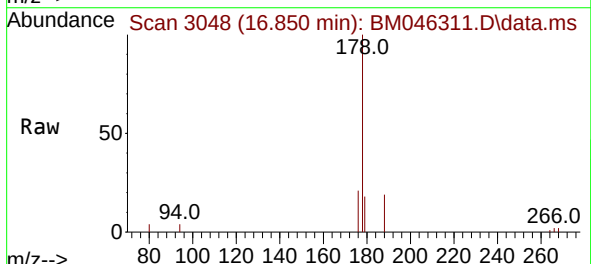
Tgt Ion:166 Resp: 394
Ion Ratio Lower Upper
166 100
165 108.8 80.4 120.6
167 40.0 12.4 18.6

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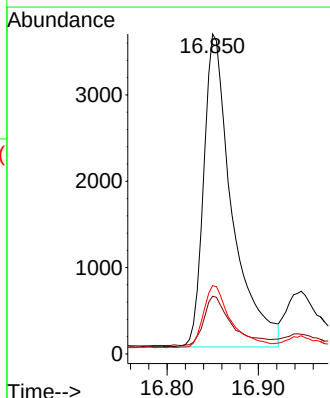
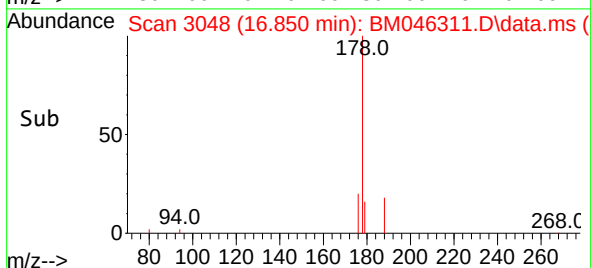
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

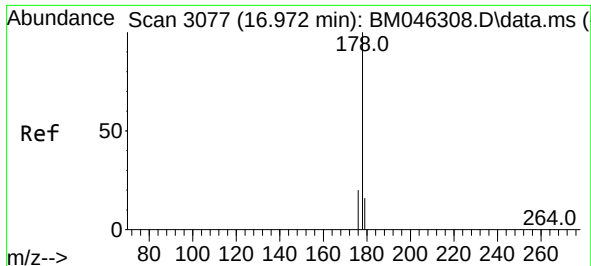


#15
Phenanthrene
Concen: 0.321 ng/uI
RT: 16.850 min Scan# 3048
Delta R.T. -0.025 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38



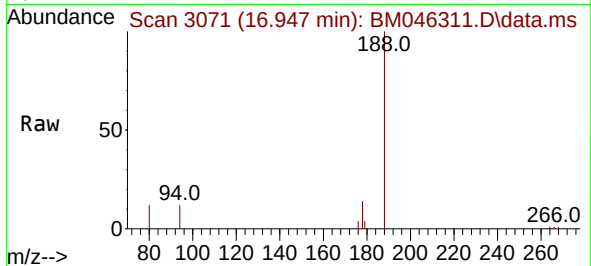
Tgt Ion:178 Resp: 7813
Ion Ratio Lower Upper
178 100
179 18.1 14.2 21.2
176 21.4 17.1 25.7





#16
 Anthracene
 Concen: 0.077 ng/ul
 RT: 16.947 min Scan# 3077
 Delta R.T. -0.025 min
 Lab File: BM046311.D
 Acq: 26 Jun 2024 03:38

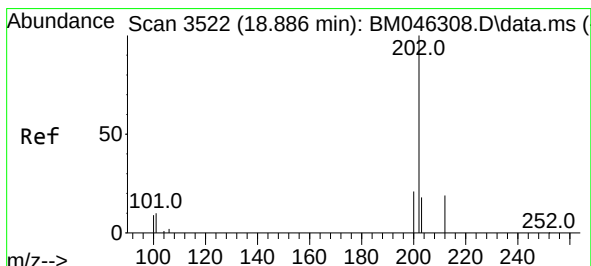
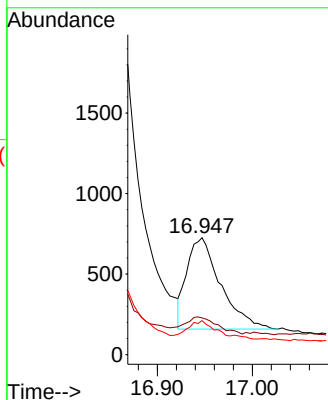
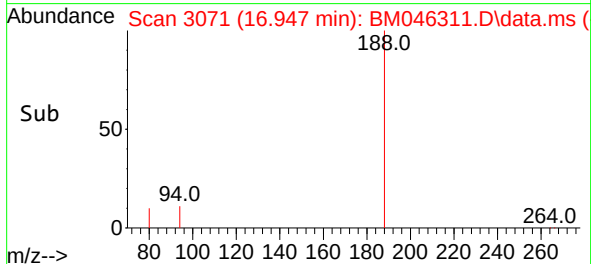
Instrument :
 BNA_M
 ClientSampleId :
 A4C85DL



Tgt Ion:178 Resp: 140
 Ion Ratio Lower Upper
 178 100
 179 31.4 14.9 22.3
 176 29.1 17.0 25.4

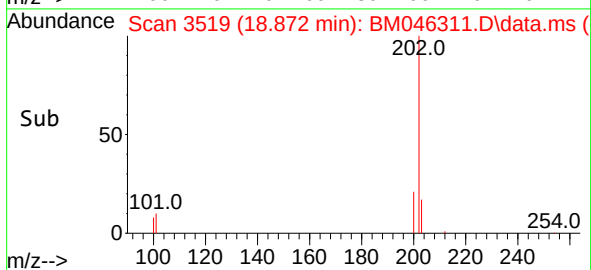
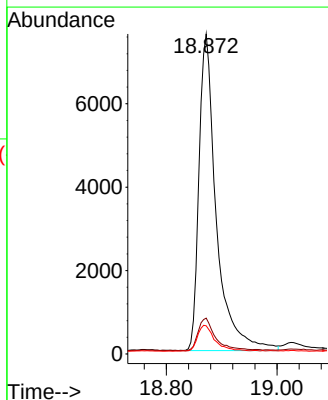
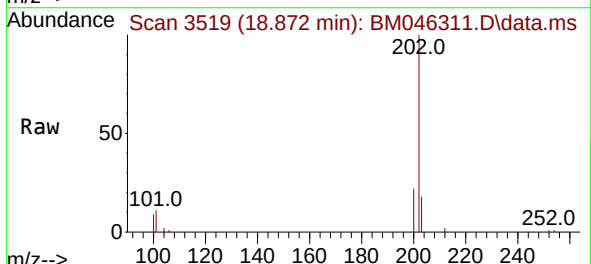
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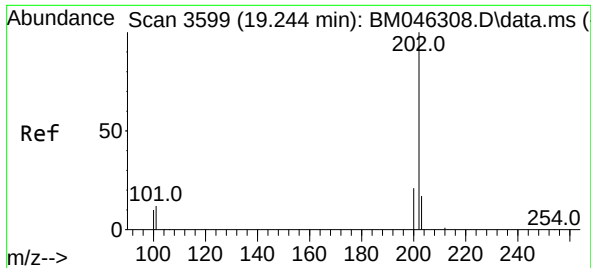
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.499 ng/ul
 RT: 18.872 min Scan# 3519
 Delta R.T. -0.014 min
 Lab File: BM046311.D
 Acq: 26 Jun 2024 03:38

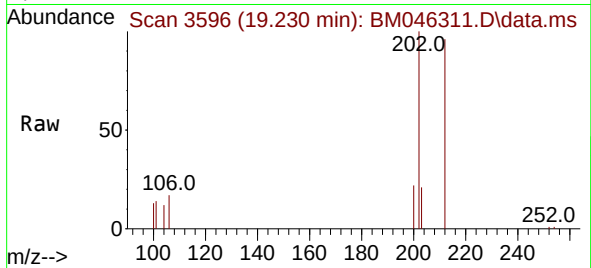
Tgt Ion:202 Resp: 16567
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.6 14.4
 100 8.8 7.6 11.4





#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.230 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

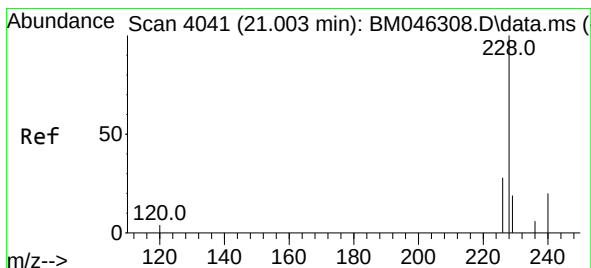
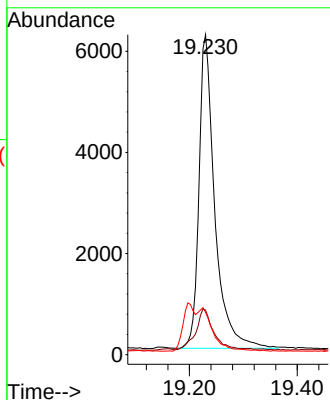
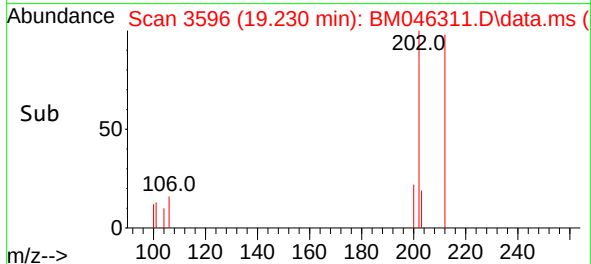
Instrument :
BNA_M
ClientSampleId :
A4C85DL



Tgt Ion:202 Resp: 1260
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 13.2 9.8 14.6

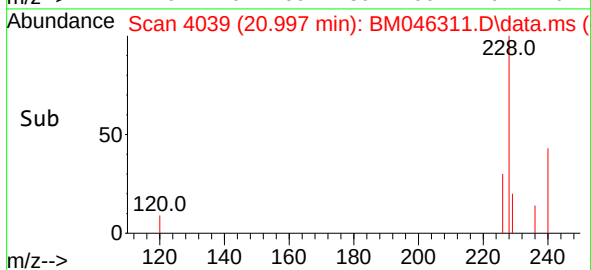
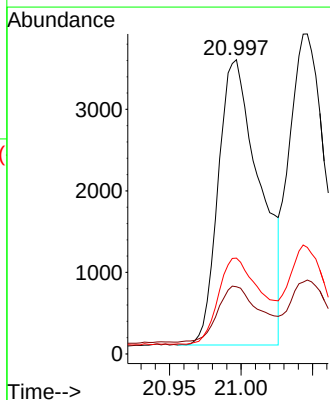
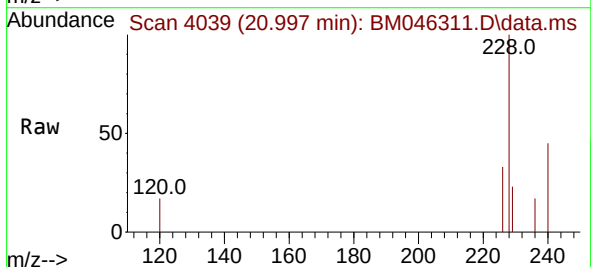
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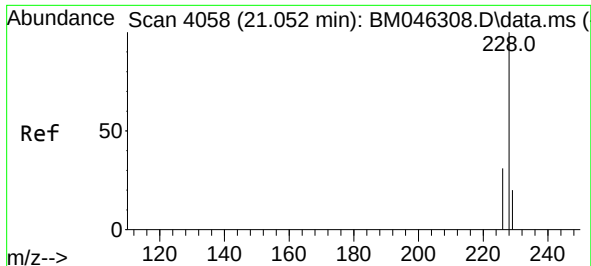
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.239 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.006 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

Tgt Ion:228 Resp: 7073
Ion Ratio Lower Upper
228 100
229 22.9 16.4 24.6
226 32.6 23.4 35.2





#22

Chrysene

Concen: 0.194 ng/ul

RT: 21.046 min Scan# 4056

Delta R.T. -0.006 min

Lab File: BM046311.D

Acq: 26 Jun 2024 03:38

Instrument :

BNA_M

ClientSampleId :

A4C85DL

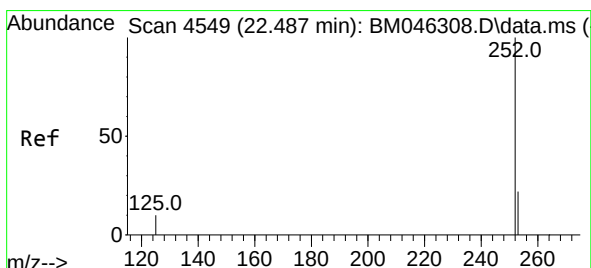
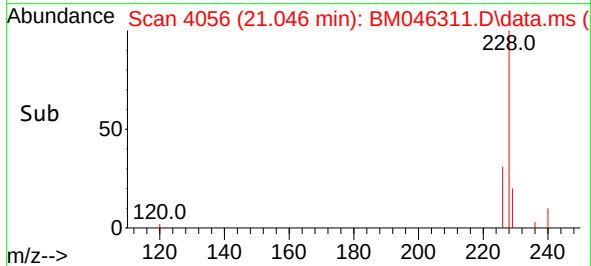
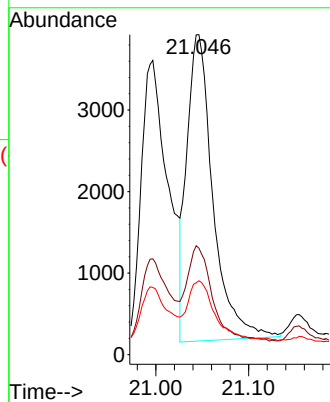
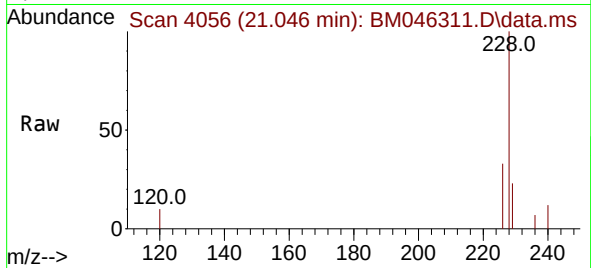
Tgt Ion:	228	Resp:	7340
Ion Ratio	Lower	Upper	
228	100		
226	33.3	25.2	37.8
229	23.1	16.3	24.5

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: 0.330 ng/ul m

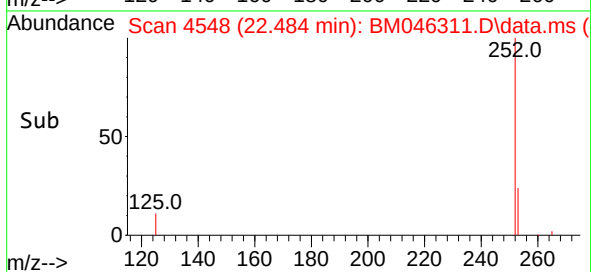
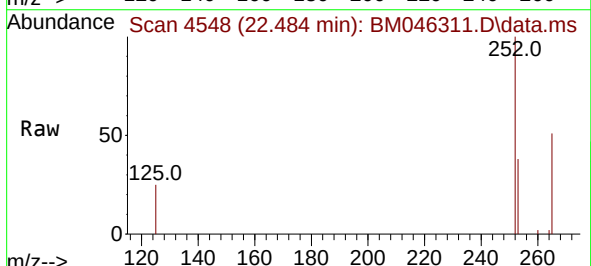
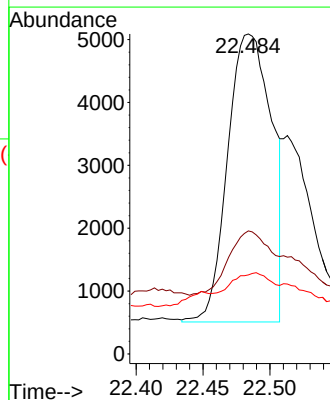
RT: 22.484 min Scan# 4548

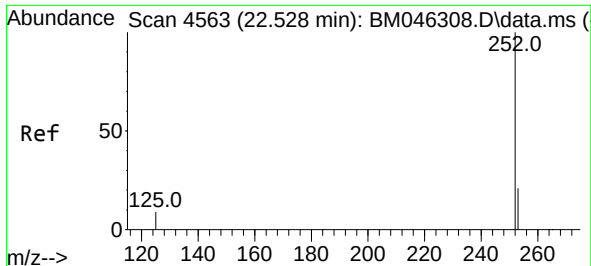
Delta R.T. -0.003 min

Lab File: BM046311.D

Acq: 26 Jun 2024 03:38

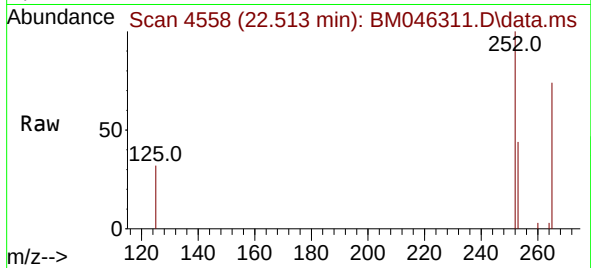
Tgt Ion:	252	Resp:	10465
Ion Ratio	Lower	Upper	
252	100		
253	38.4	0.0	65.8
125	24.7	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.015 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

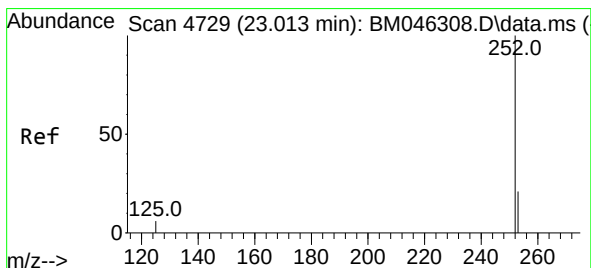
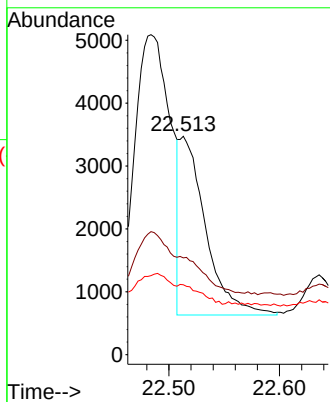
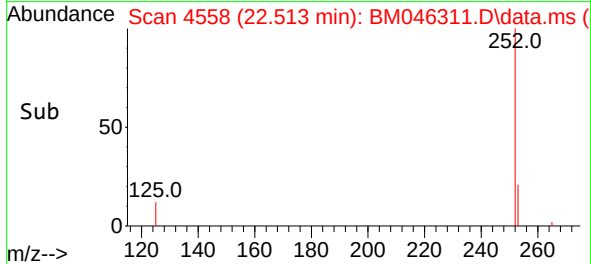
Instrument :
BNA_M
ClientSampleId :
A4C85DL



Tgt Ion:252 Resp: 4708
Ion Ratio Lower Upper
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253 44.3 27.2 40.8
125 32.0 16.6 25.0

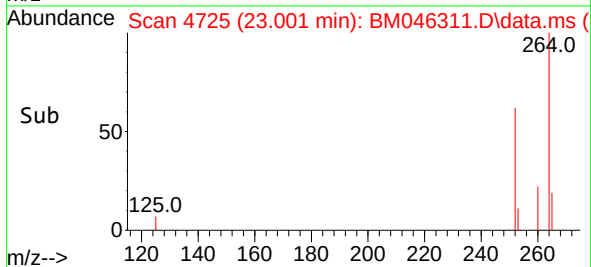
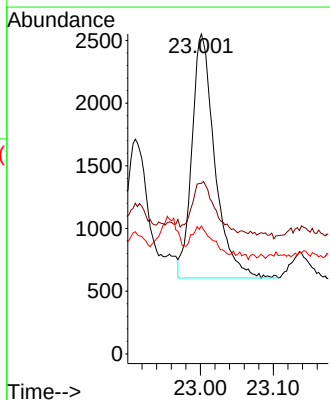
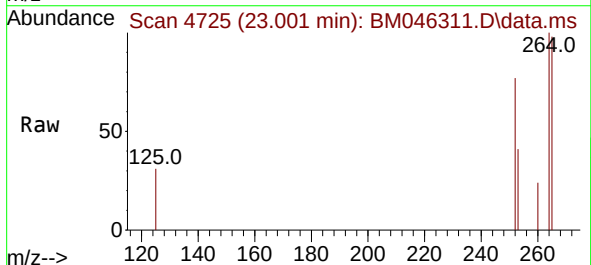
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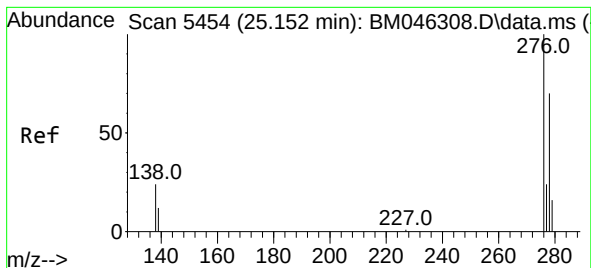
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.012 min
Lab File: BM046311.D
Acq: 26 Jun 2024 03:38

Tgt Ion:252 Resp: 4245
Ion Ratio Lower Upper
252 100
253 53.3 32.1 48.1#
125 40.0 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.100 ng/ul

RT: 25.148 min Scan# 5454

Delta R.T. -0.003 min

Lab File: BM046311.D

Acq: 26 Jun 2024 03:38

Instrument :

BNA_M

ClientSampleId :

A4C85DL

Tgt Ion:276 Resp: 4790

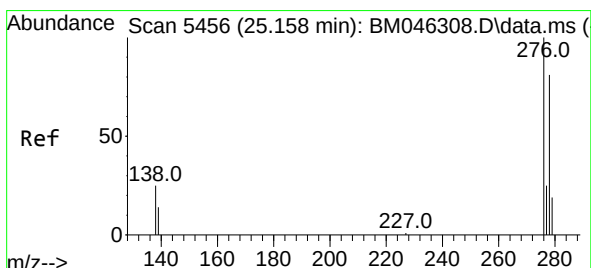
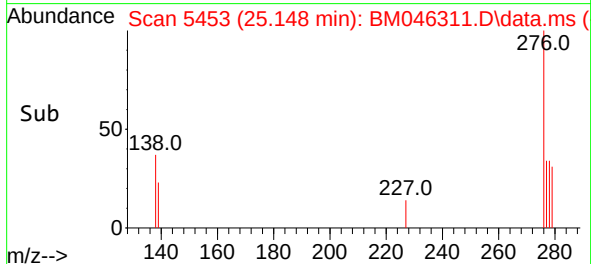
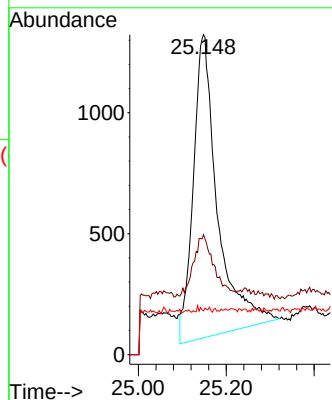
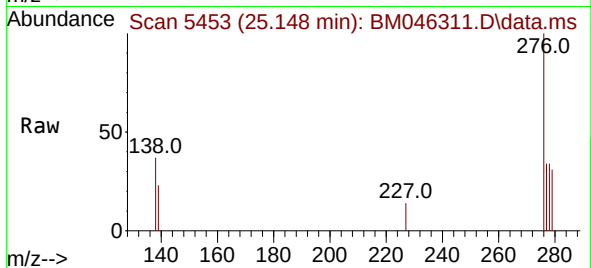
Ion	Ratio	Lower	Upper
276	100		
138	20.3	21.0	31.4#
227	73.5	0.0	0.0#

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.030 ng/ul m

RT: 25.145 min Scan# 5452

Delta R.T. -0.013 min

Lab File: BM046311.D

Acq: 26 Jun 2024 03:38

Tgt Ion:278 Resp: 1087

Ion	Ratio	Lower	Upper
278	100		
139	65.5	17.6	26.4#
279	89.1	26.3	39.5#

