

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046084.D
 Acq On : 19 Jun 2024 13:57
 Operator : MA/JU
 Sample : P2696-02DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 14:41:28 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	7.442	152	2078	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.253	136	5888	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.098	164	3378	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.840	188	6371	0.400	ng/ul	-0.02
17) Chrysene-d12	21.035	240	5174	0.400	ng/ul	0.00
23) Perylene-d12	23.127	264	5912m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	1982	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.897	152	378	0.048	ng/ul	0.03
18) Fluoranthene-d10	18.866	212	873	0.056	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.816	152	440	0.027	ng/ul#	51
11) Acenaphthene	14.158	153	297	0.026	ng/ul#	91
12) Fluorene	15.153	166	354	0.029	ng/ul#	91
15) Phenanthrene	16.878	178	6021	0.336	ng/ul	99
16) Anthracene	16.971	178	1404	0.105	ng/ul#	84
19) Fluoranthene	18.898	202	11763	0.525	ng/ul	98
20) Pyrene	19.256	202	12398	0.512	ng/ul	99
21) Benzo(a)anthracene	21.020	228	6568	0.329	ng/ul	97
22) Chrysene	21.067	228	6694	0.262	ng/ul	97
24) Benzo(b)fluoranthene	22.508	252	9063m	0.426	ng/ul	
25) Benzo(k)fluoranthene	22.546	252	3741m	0.148	ng/ul	
26) Benzo(a)pyrene	23.031	252	6552	0.332	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.185	276	4843	0.150	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.189	278	1145	0.048	ng/ul#	26
29) Benzo(g,h,i)perylene	25.813	276	5002	0.181	ng/ul	91

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

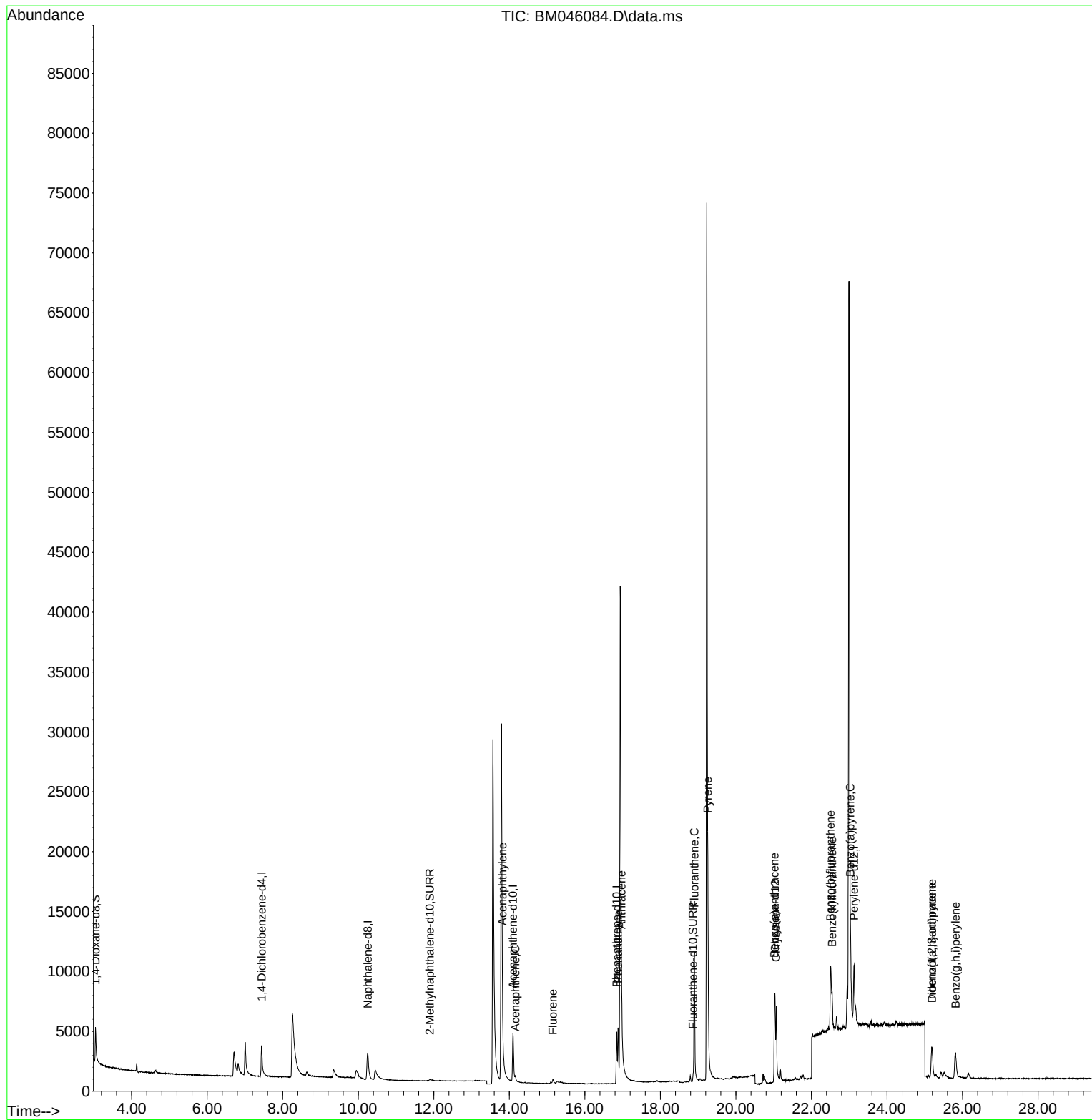
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046084.D
Acq On : 19 Jun 2024 13:57
Operator : MA/JU
Sample : P2696-02DL 5X
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ALS Vial : 39 Sample Multiplier: 1

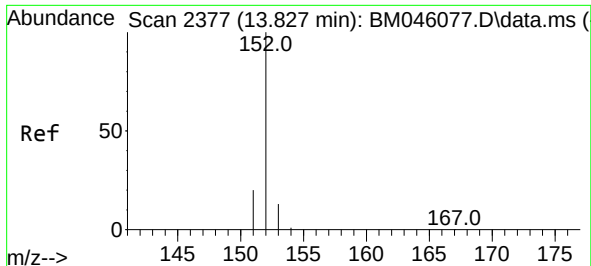
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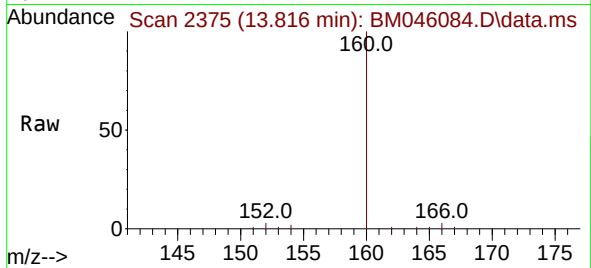
Quant Time: Jun 19 14:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.816 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM046084.D
Acq: 19 Jun 2024 13:57

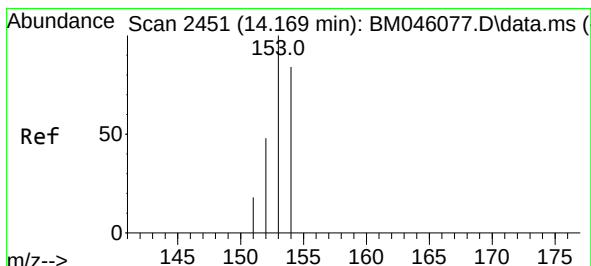
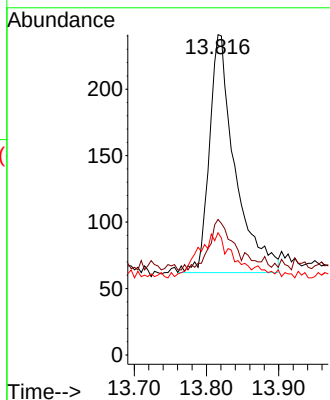
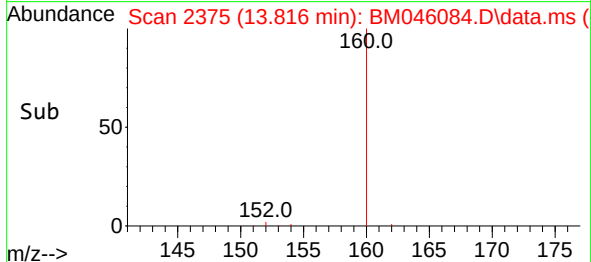
Instrument :
BNA_M
ClientSampleId :
A4BK4DL



Tgt Ion:152 Resp: 440
Ion Ratio Lower Upper
152 100
151 42.3 17.4 26.2
153 38.2 11.8 17.8

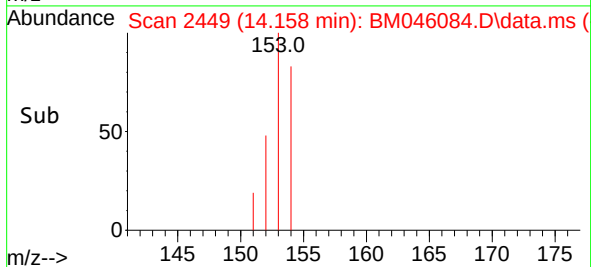
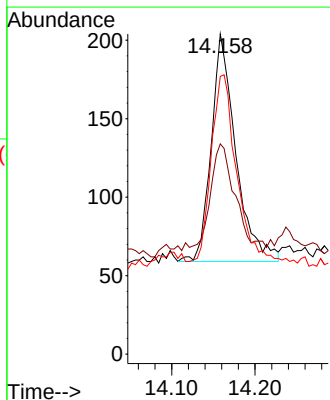
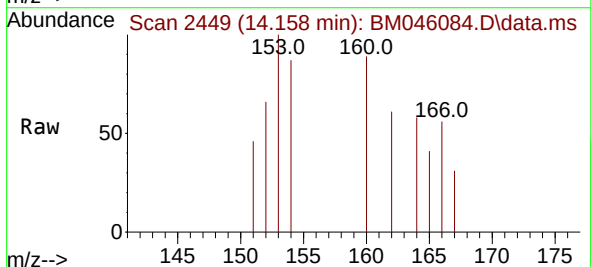
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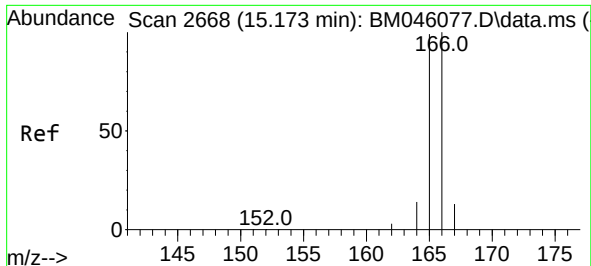
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.158 min Scan# 2449
Delta R.T. -0.014 min
Lab File: BM046084.D
Acq: 19 Jun 2024 13:57

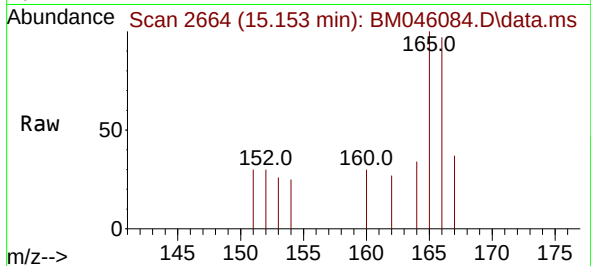
Tgt Ion:153 Resp: 297
Ion Ratio Lower Upper
153 100
152 65.7 41.3 61.9
154 86.8 68.2 102.4





#12
Fluorene
Concen: 0.029 ng/u1
RT: 15.153 min Scan# 20664
Delta R.T. -0.028 min
Lab File: BM046084.D
Acq: 19 Jun 2024 13:57

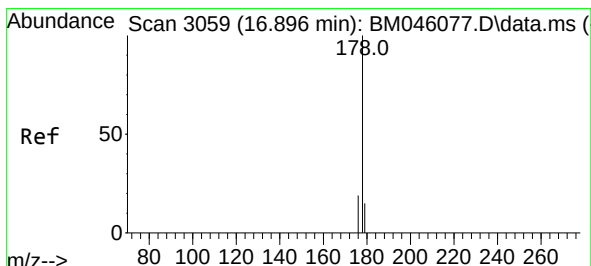
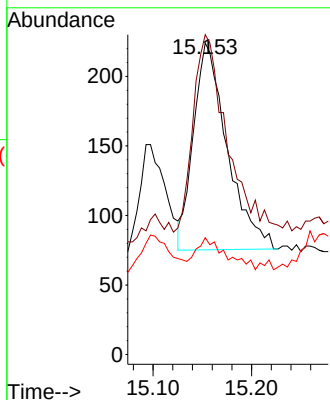
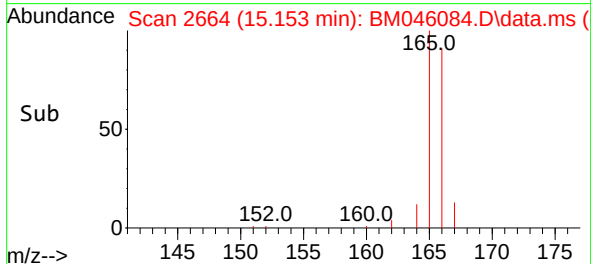
Instrument :
BNA_M
ClientSampleId :
A4BK4DL



Tgt Ion:166 Resp: 354
Ion Ratio Lower Upper
166 100
165 102.7 80.4 120.6
167 37.5 12.4 18.6

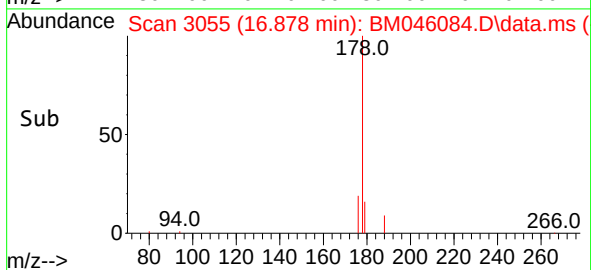
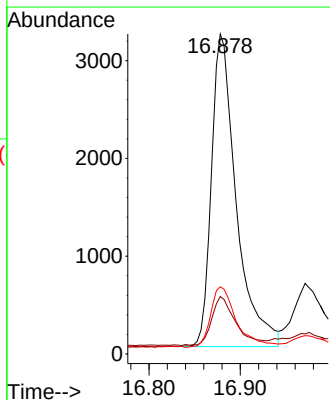
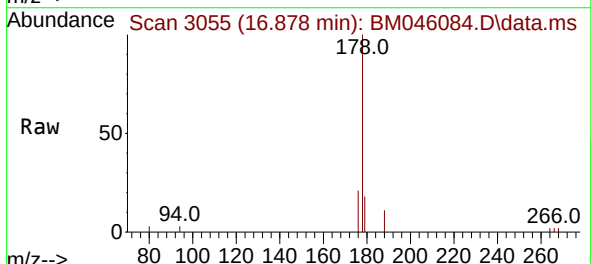
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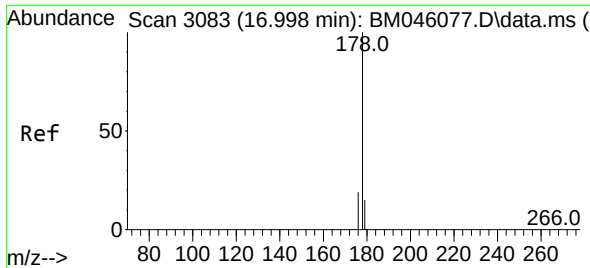
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 0.336 ng/u1
RT: 16.878 min Scan# 3055
Delta R.T. -0.025 min
Lab File: BM046084.D
Acq: 19 Jun 2024 13:57

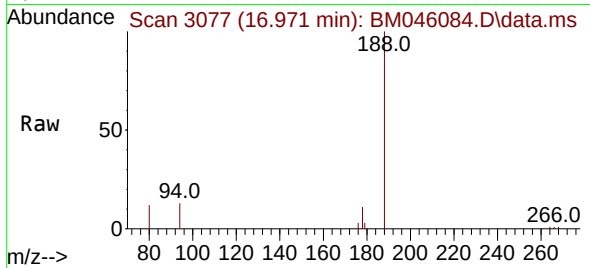
Tgt Ion:178 Resp: 6021
Ion Ratio Lower Upper
178 100
179 18.0 14.2 21.2
176 21.0 17.1 25.7





#16
 Anthracene
 Concen: 0.105 ng/ul
 RT: 16.971 min Scan# 3083
 Delta R.T. -0.034 min
 Lab File: BM046084.D
 Acq: 19 Jun 2024 13:57

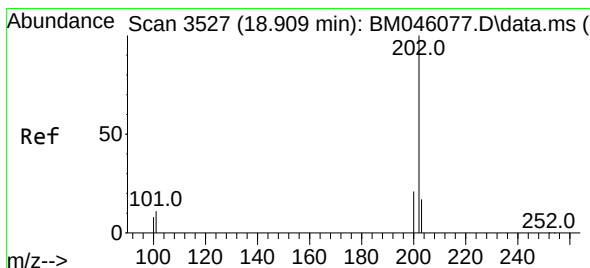
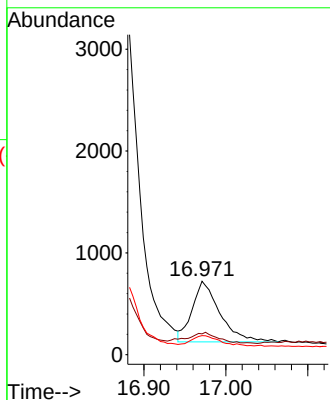
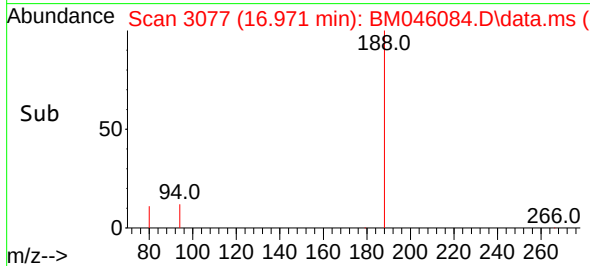
Instrument :
 BNA_M
 ClientSampleId :
 A4BK4DL



Tgt Ion:178 Resp: 1404
 Ion Ratio Lower Upper
 178 100
 179 28.4 14.9 22.3
 176 25.9 17.0 25.4

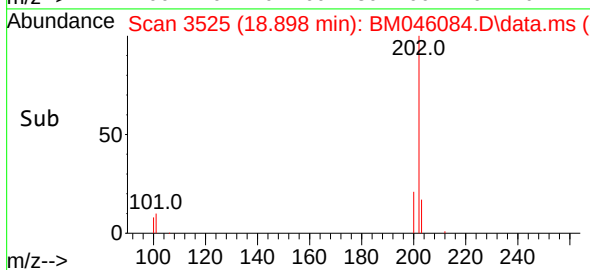
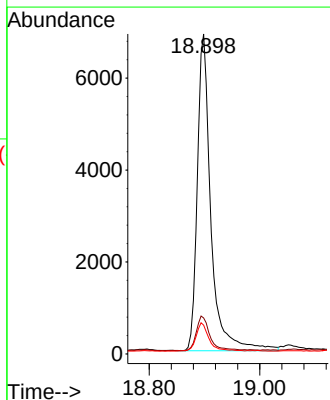
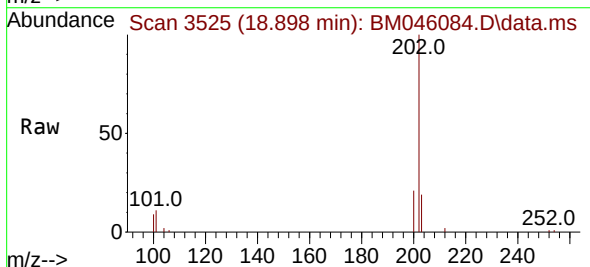
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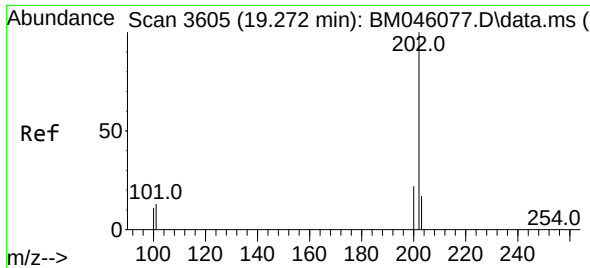
Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



#19
 Fluoranthene
 Concen: 0.525 ng/ul
 RT: 18.898 min Scan# 3525
 Delta R.T. -0.019 min
 Lab File: BM046084.D
 Acq: 19 Jun 2024 13:57

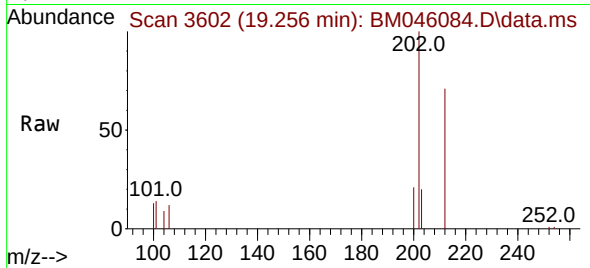
Tgt Ion:202 Resp: 11763
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.6 14.4
 100 9.0 7.6 11.4





#20
Pyrene
Concen: 0.512 ng/u1
RT: 19.256 min Scan# 3602
Delta R.T. -0.019 min
Lab File: BM046084.D
Acq: 19 Jun 2024 13:57

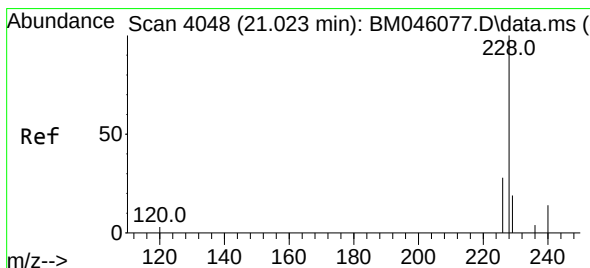
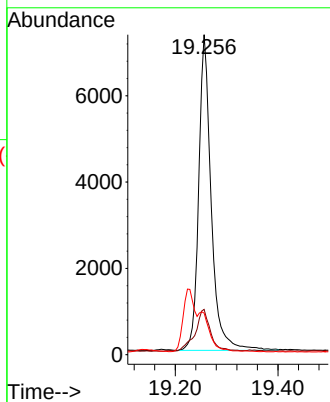
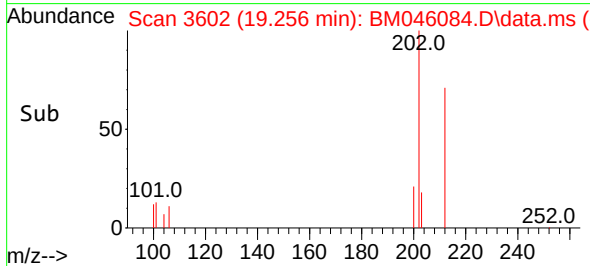
Instrument :
BNA_M
ClientSampleId :
A4BK4DL



Tgt Ion:202 Resp: 12398
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 13.0 9.8 14.6

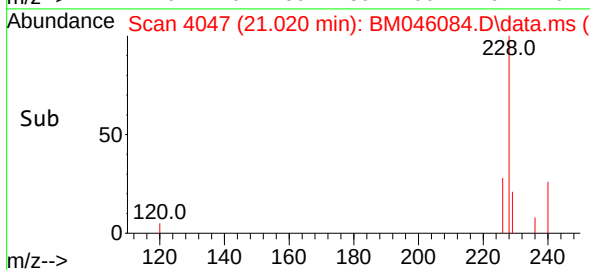
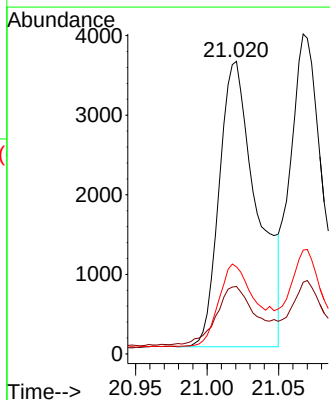
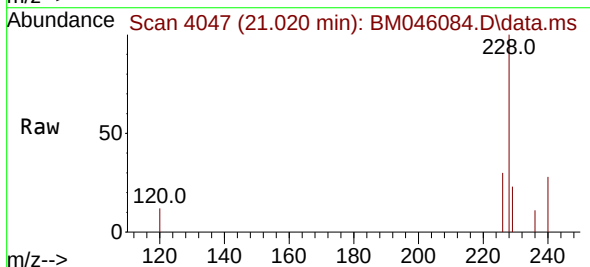
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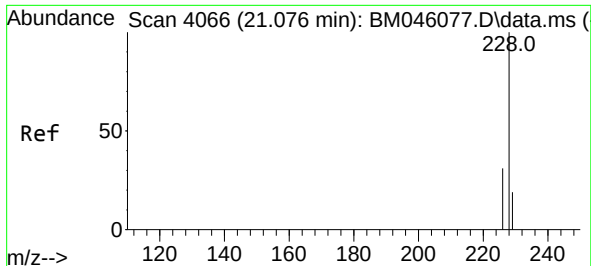
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 0.329 ng/u1
RT: 21.020 min Scan# 4047
Delta R.T. -0.009 min
Lab File: BM046084.D
Acq: 19 Jun 2024 13:57

Tgt Ion:228 Resp: 6568
Ion Ratio Lower Upper
228 100
229 23.1 16.4 24.6
226 29.8 23.4 35.2





#22

Chrysene

Concen: 0.262 ng/ul

RT: 21.067 min Scan# 4066

Delta R.T. -0.009 min

Lab File: BM046084.D

Acq: 19 Jun 2024 13:57

Instrument :

BNA_M

ClientSampleId :

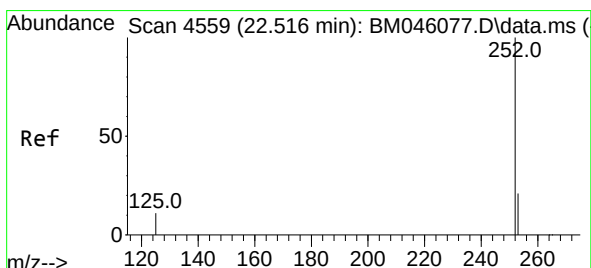
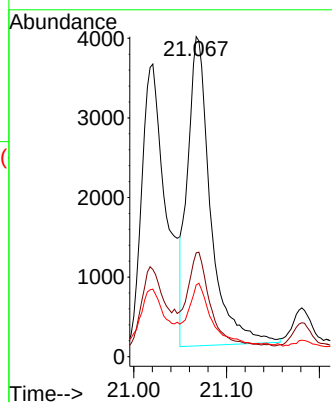
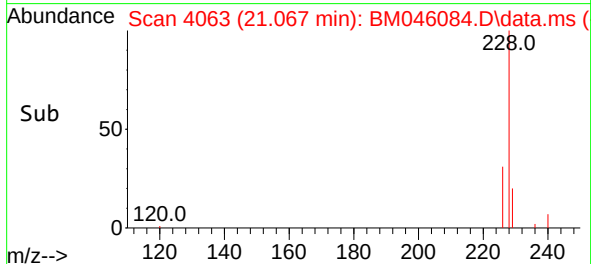
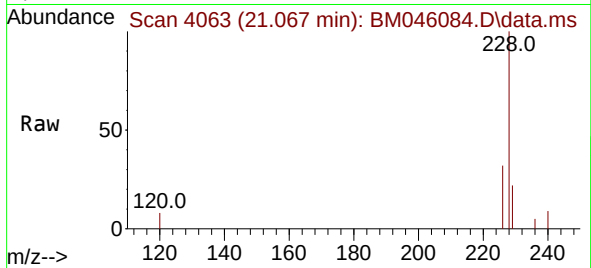
A4BK4DL

Tgt Ion:	228	Resp:	6694
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.2	37.8
229	22.4	16.3	24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#24

Benzo(b)fluoranthene

Concen: 0.426 ng/ul m

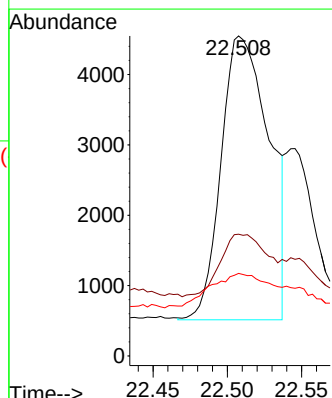
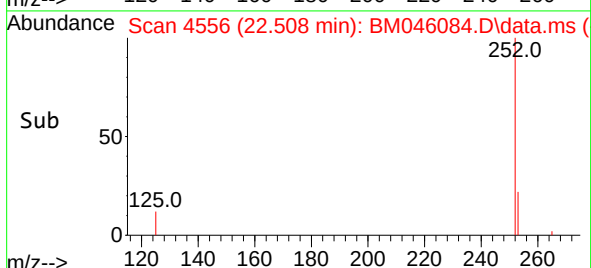
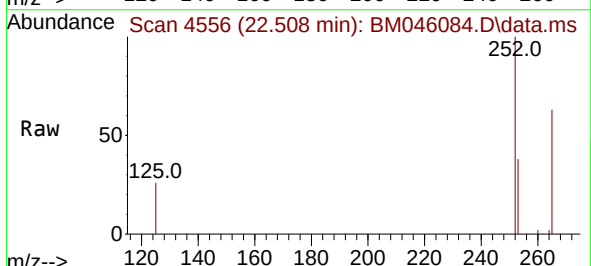
RT: 22.508 min Scan# 4556

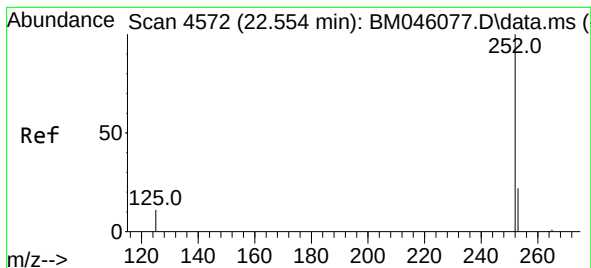
Delta R.T. -0.012 min

Lab File: BM046084.D

Acq: 19 Jun 2024 13:57

Tgt Ion:	252	Resp:	9063
Ion Ratio	Lower	Upper	
252	100		
253	38.0	0.0	65.8
125	25.8	0.0	40.2





#25

Benzo(k)fluoranthene

Concen: 0.148 ng/ul m

RT: 22.546 min Scan# 4569

Delta R.T. -0.018 min

Lab File: BM046084.D

Acq: 19 Jun 2024 13:57

Instrument :

BNM

ClientSampleId :

A4BK4DL

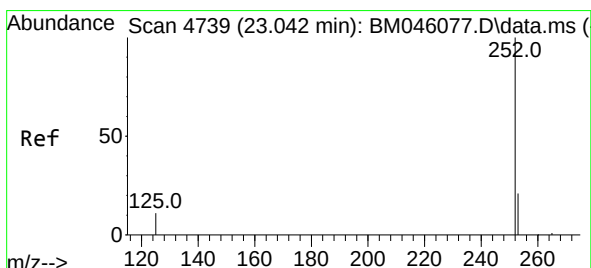
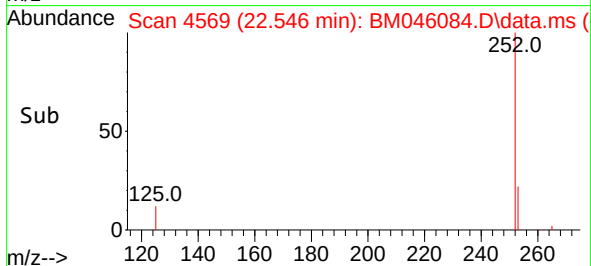
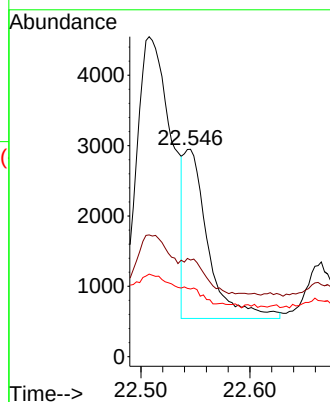
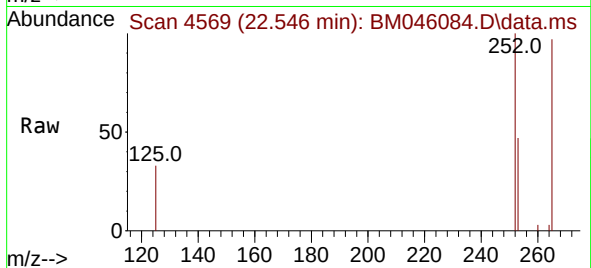
Tgt Ion:252 Resp: 374

Ion	Ratio	Lower	Upper
252	100		
253	46.6	27.2	40.8
125	32.7	16.6	25.0

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Supervised By :mohammad ahmed 06/21/2024



#26

Benzo(a)pyrene

Concen: 0.332 ng/ul

RT: 23.031 min Scan# 4735

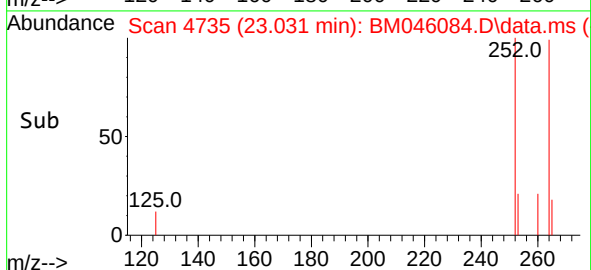
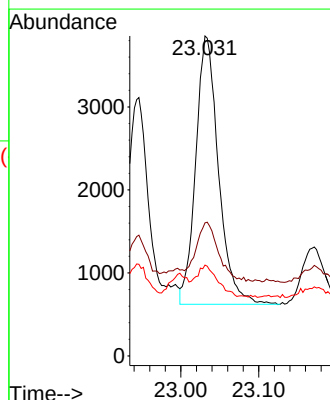
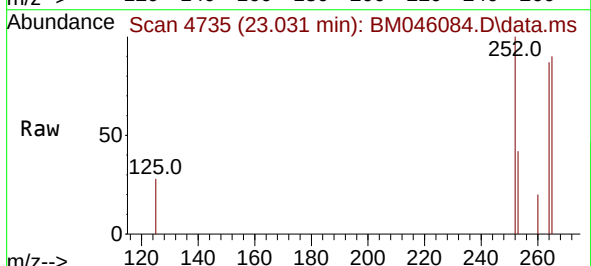
Delta R.T. -0.024 min

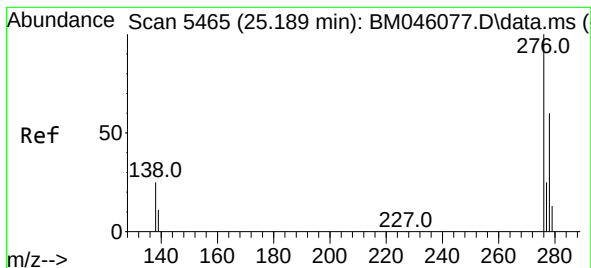
Lab File: BM046084.D

Acq: 19 Jun 2024 13:57

Tgt Ion:252 Resp: 6552

Ion	Ratio	Lower	Upper
252	100		
253	41.6	32.1	48.1
125	28.4	21.2	31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.150 ng/ul

RT: 25.185 min Scan# 5464

Delta R.T. -0.017 min

Lab File: BM046084.D

Acq: 19 Jun 2024 13:57

Instrument :

BNA_M

ClientSampleId :

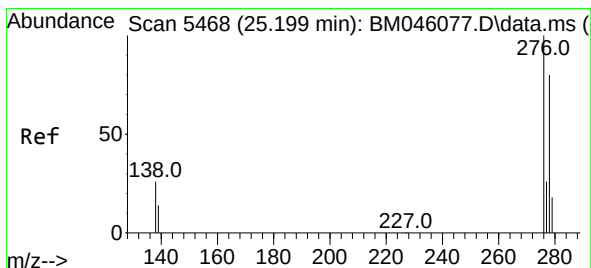
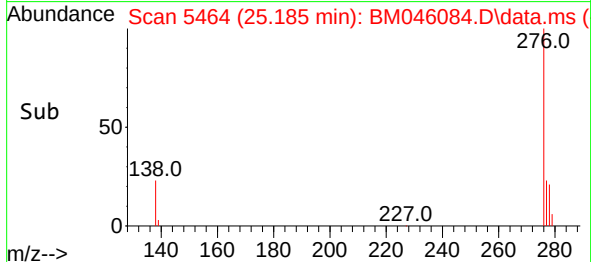
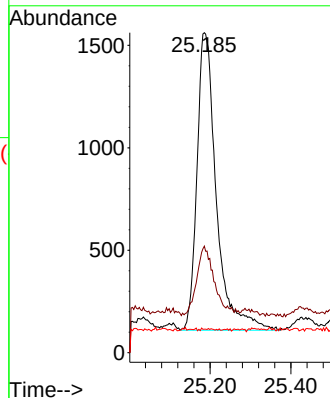
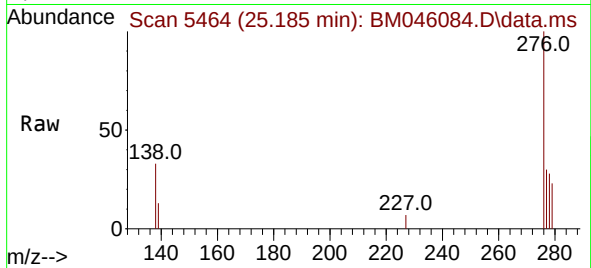
A4BK4DL

Tgt Ion:	276	Resp:	484
Ion Ratio	Lower	Upper	
276	100		
138	21.1	21.0	31.4
227	0.1	0.0	0.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.048 ng/ul

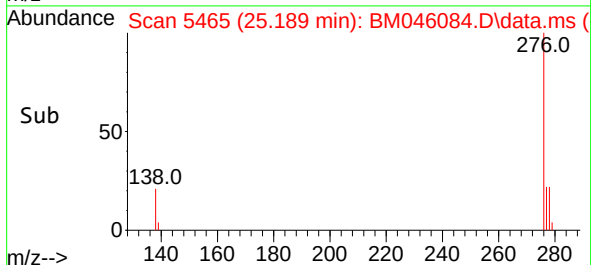
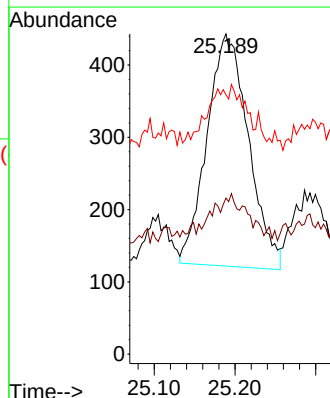
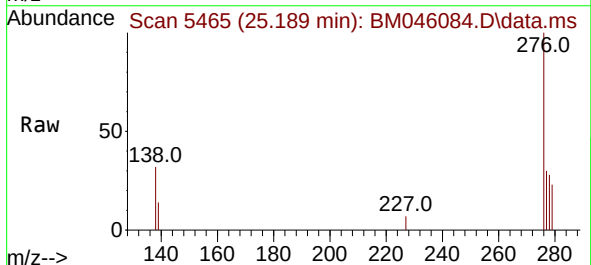
RT: 25.189 min Scan# 5465

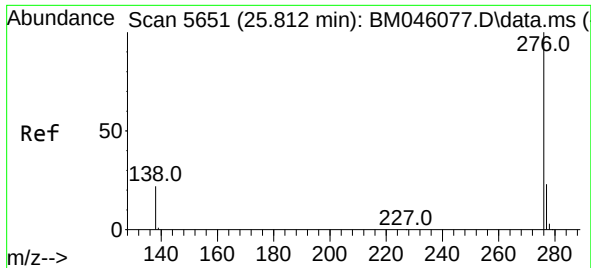
Delta R.T. -0.027 min

Lab File: BM046084.D

Acq: 19 Jun 2024 13:57

Tgt Ion:	278	Resp:	1145
Ion Ratio	Lower	Upper	
278	100		
139	48.8	17.6	26.4#
279	81.0	26.3	39.5#





#29

Benzo(g,h,i)perylene

Concen: 0.181 ng/ul

RT: 25.813 min Scan# 50

Delta R.T. -0.017 min

Lab File: BM046084.D

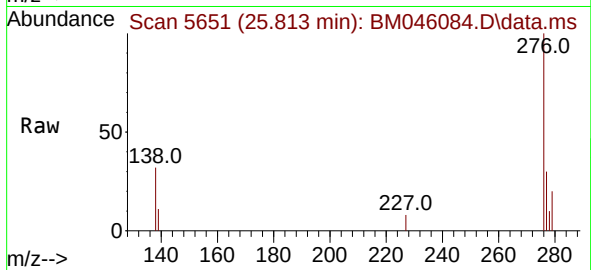
Acq: 19 Jun 2024 13:57

Instrument :

BNA_M

ClientSampleId :

A4BK4DL



Tgt Ion:276 Resp: 500

Ion Ratio Lower Upper

276 100

138 31.6 21.7 32.5

277 29.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024

Supervised By :mohammad ahmed 06/21/2024

