

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046129.D
 Acq On : 20 Jun 2024 18:47
 Operator : MA/JU
 Sample : P2710-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B21

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:48:22 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	7.426	152	2307	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.204	136	6766	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.075	164	3697	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.819	188	7655m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	6052m	0.400	ng/ul	-0.02
23) Perylene-d12	23.116	264	6193m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10949	3.459	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.837	152	2016	0.222	ng/ul	-0.03
18) Fluoranthene-d10	18.852	212	4366	0.241	ng/ul	-0.03
Target Compounds					Qvalue	
10) Acenaphthylene	13.793	152	553	0.032	ng/ul#	53
11) Acenaphthene	14.140	153	314	0.025	ng/ul	95
12) Fluorene	15.130	166	373	0.027	ng/ul#	92
15) Phenanthrene	16.857	178	8481m	0.394	ng/ul	
16) Anthracene	16.950	178	1751m	0.109	ng/ul	
19) Fluoranthene	18.885	202	19344	0.738	ng/ul	97
20) Pyrene	19.242	202	17413	0.614	ng/ul	97
21) Benzo(a)anthracene	21.009	228	8260	0.353	ng/ul	97
22) Chrysene	21.061	228	7953	0.267	ng/ul	98
24) Benzo(b)fluoranthene	22.496	252	12405m	0.556	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	4843m	0.183	ng/ul	
26) Benzo(a)pyrene	23.019	252	7633	0.369	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.172	276	6358	0.188	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.175	278	1435	0.057	ng/ul#	35
29) Benzo(g,h,i)perylene	25.799	276	6773	0.233	ng/ul	93

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

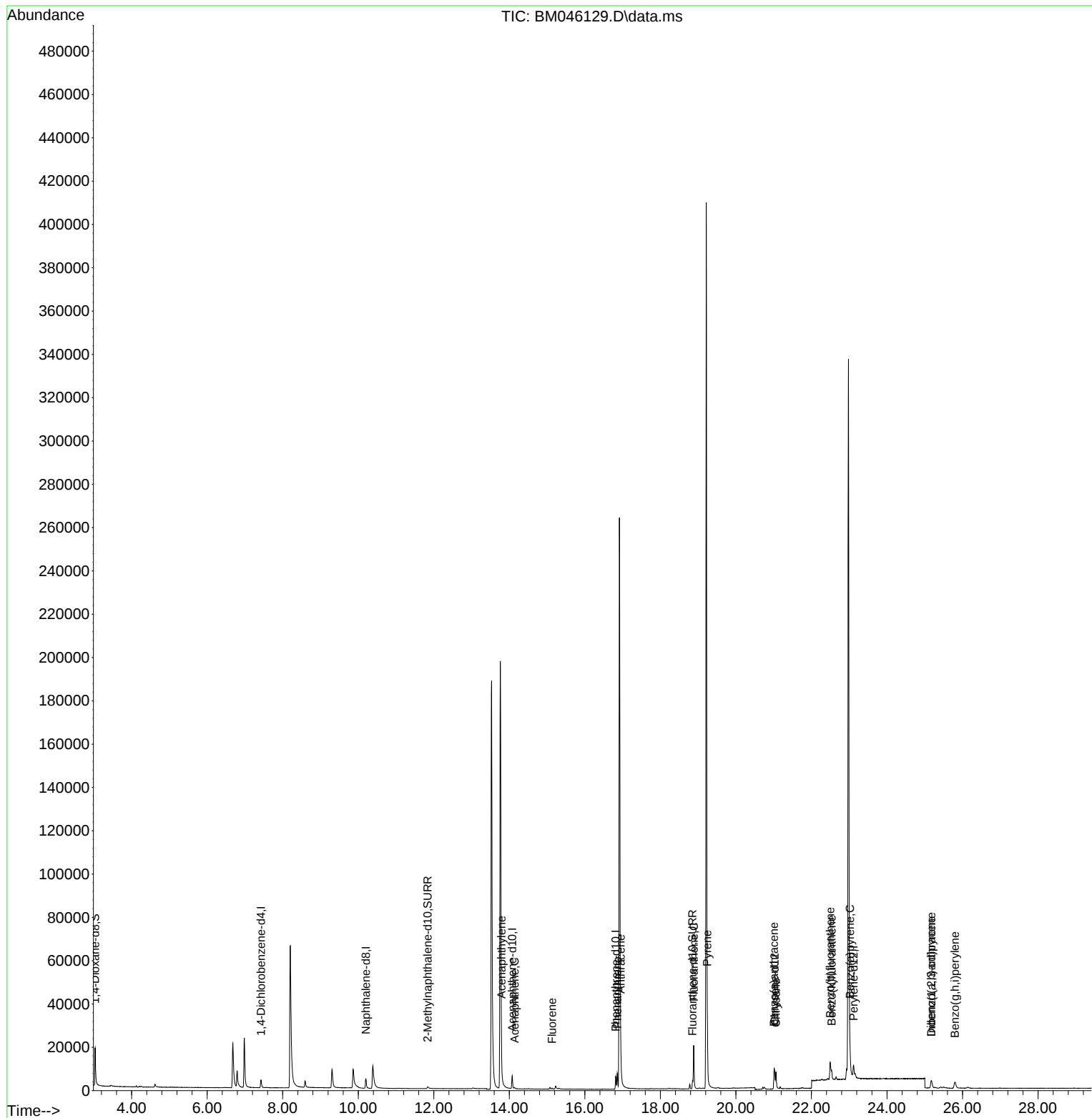
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046129.D
Acq On : 20 Jun 2024 18:47
Operator : MA/JU
Sample : P2710-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

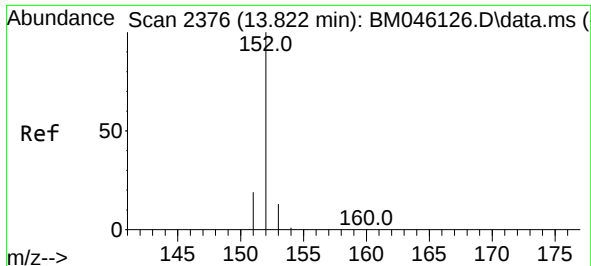
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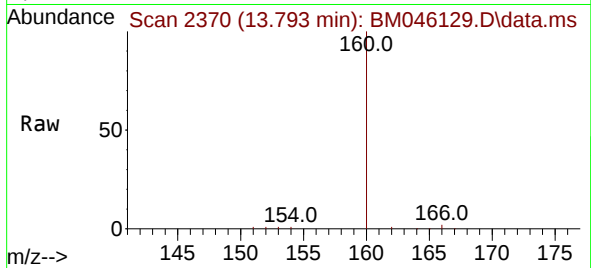
Quant Time: Jun 21 02:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.793 min Scan# 21
Delta R.T. -0.042 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

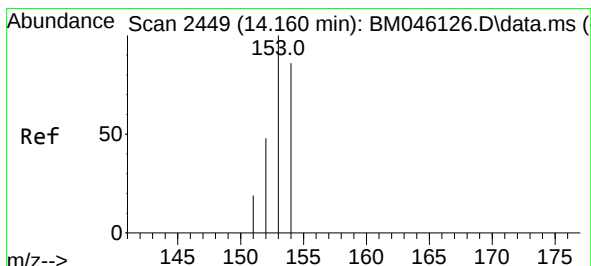
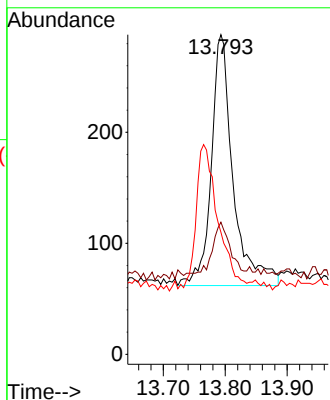
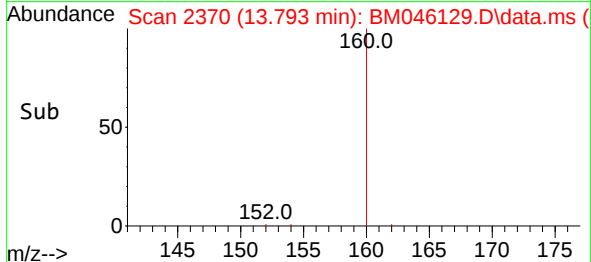
Instrument :
BNA_M
ClientSampleId :
A4B21



Tgt Ion:152 Resp: 55
Ion Ratio Lower Upper
152 100
151 41.3 17.4 26.2
153 38.2 11.8 17.8

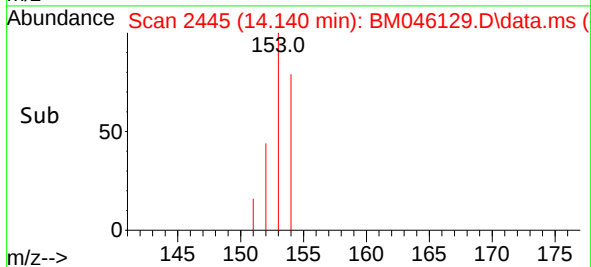
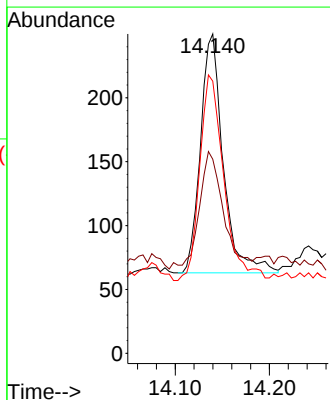
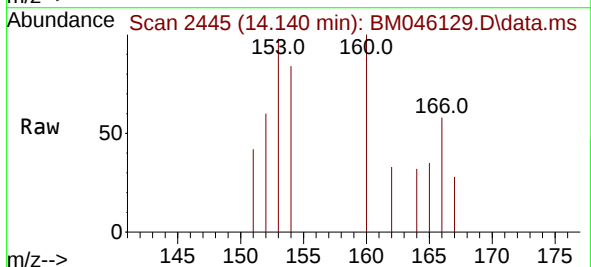
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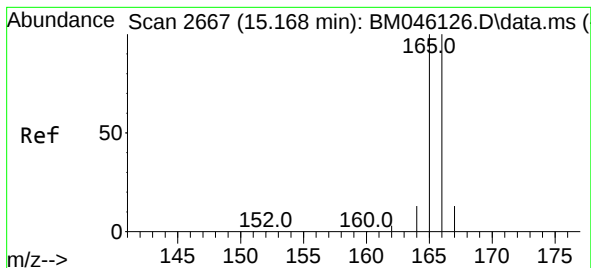
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Tgt Ion:153 Resp: 314
Ion Ratio Lower Upper
153 100
152 60.8 41.3 61.9
154 85.2 68.2 102.4





#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.130 min Scan# 20

Delta R.T. -0.051 min

Lab File: BM046129.D

Acq: 20 Jun 2024 18:47

Instrument :

BNA_M

ClientSampleId :

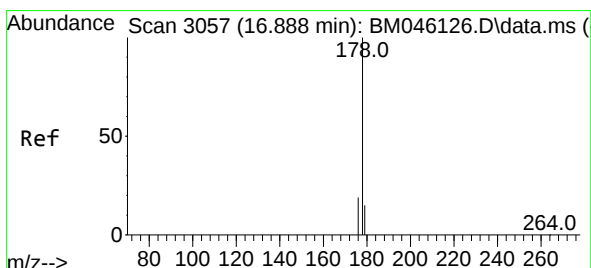
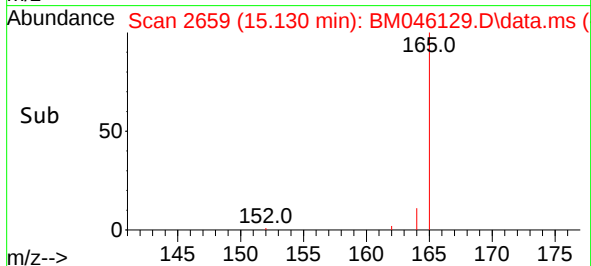
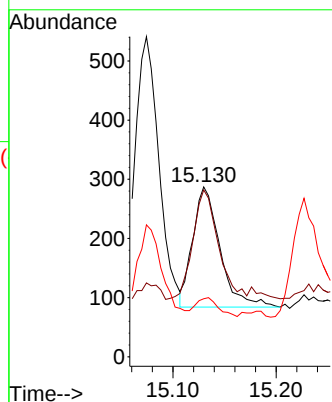
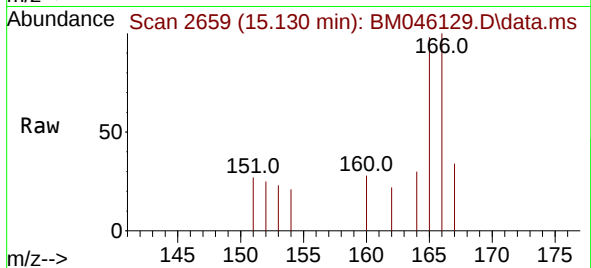
A4B21

Tgt Ion:	166	Resp:	37
Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.4	120.6
167	34.1	12.4	18.6

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#15

Phenanthrene

Concen: 0.394 ng/ul m

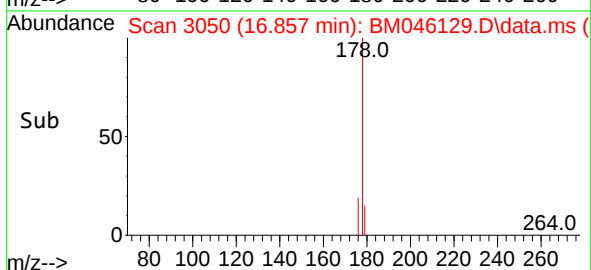
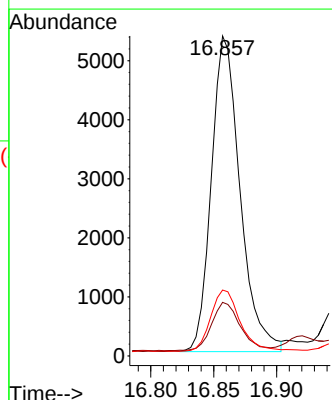
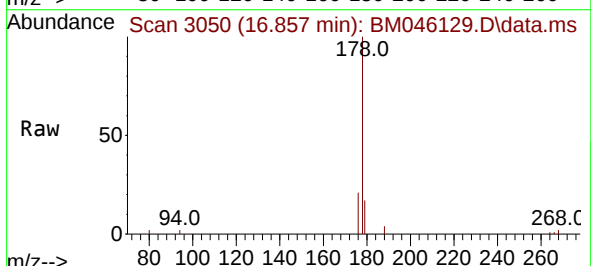
RT: 16.857 min Scan# 3050

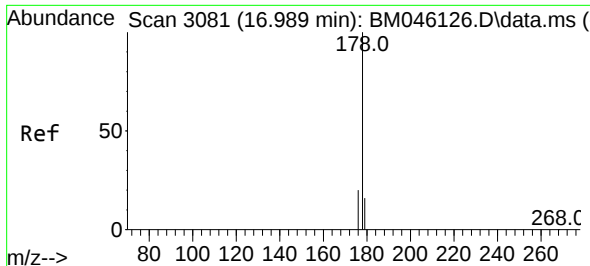
Delta R.T. -0.047 min

Lab File: BM046129.D

Acq: 20 Jun 2024 18:47

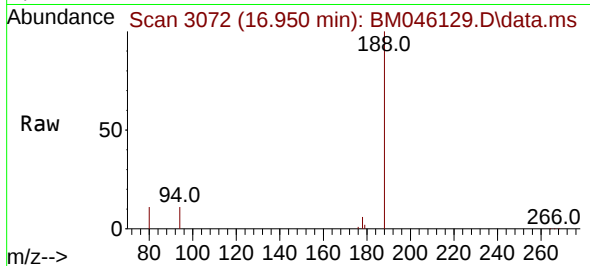
Tgt Ion:	178	Resp:	8481
Ion	Ratio	Lower	Upper
178	100		
179	16.8	14.2	21.2
176	20.6	17.1	25.7





#16
 Anthracene
 Concen: 0.109 ng/ul m
 RT: 16.950 min Scan# 3081
 Delta R.T. -0.055 min
 Lab File: BM046129.D
 Acq: 20 Jun 2024 18:47

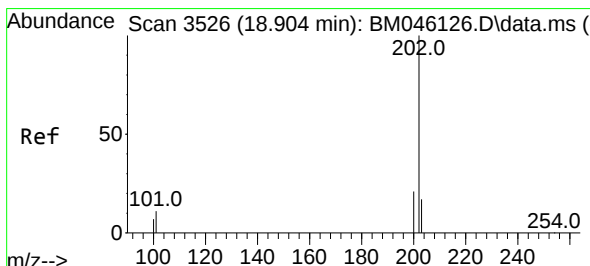
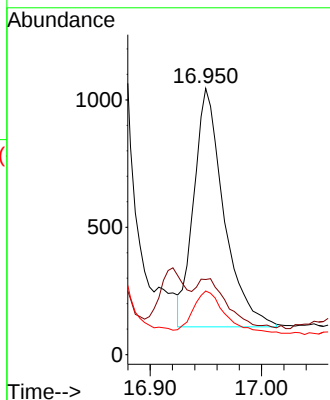
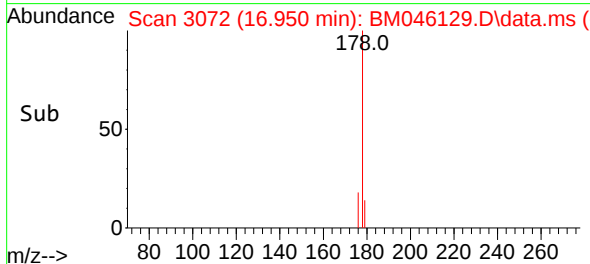
Instrument :
 BNA_M
 ClientSampleId :
 A4B21



Tgt Ion:178 Resp: 175
 Ion Ratio Lower Upper
 178 100
 179 28.2 14.9 22.3
 176 23.9 17.0 25.4

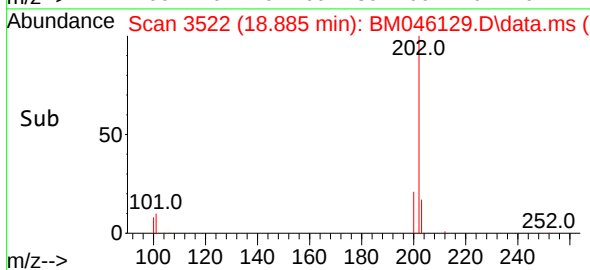
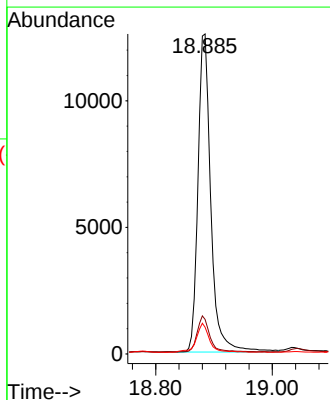
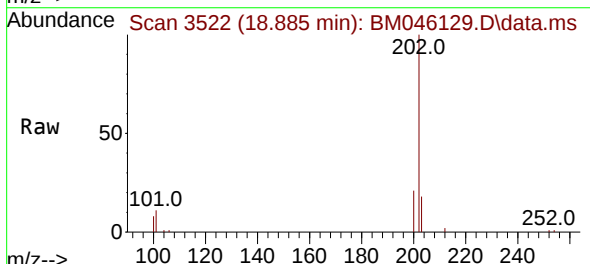
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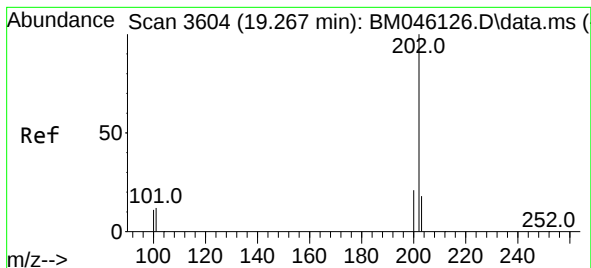
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 0.738 ng/ul
 RT: 18.885 min Scan# 3522
 Delta R.T. -0.033 min
 Lab File: BM046129.D
 Acq: 20 Jun 2024 18:47

Tgt Ion:202 Resp: 19344
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.6 14.4
 100 8.3 7.6 11.4





#20

Pyrene

Concen: 0.614 ng/ul

RT: 19.242 min Scan# 3

Delta R.T. -0.033 min

Lab File: BM046129.D

Acq: 20 Jun 2024 18:47

Instrument :

BNA_M

ClientSampleId :

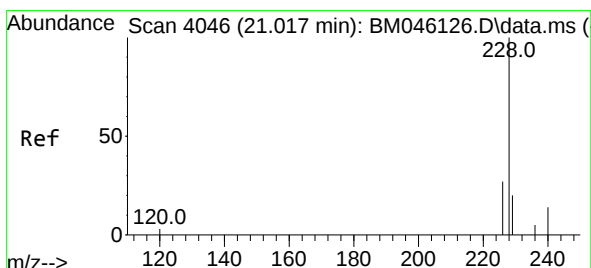
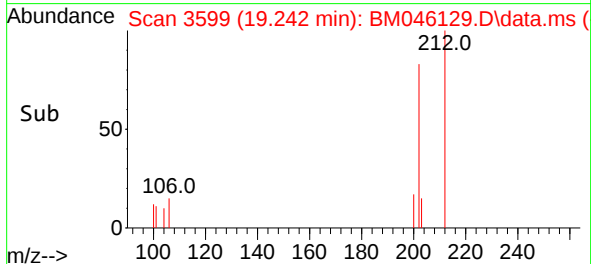
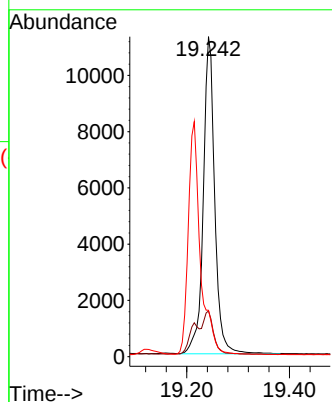
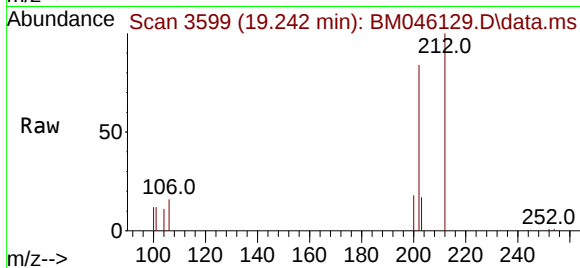
A4B21

Tgt Ion:	202	Resp:	1741
Ion Ratio	Lower	Upper	
202	100		
101	14.3	11.3	16.9
100	14.5	9.8	14.6

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#21

Benzo(a)anthracene

Concen: 0.353 ng/ul

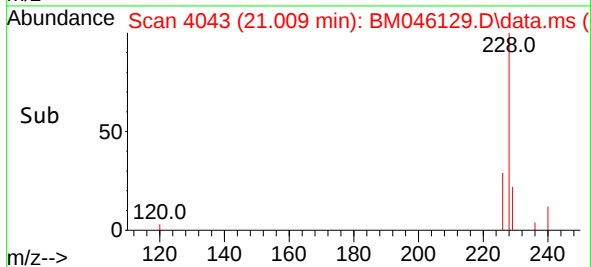
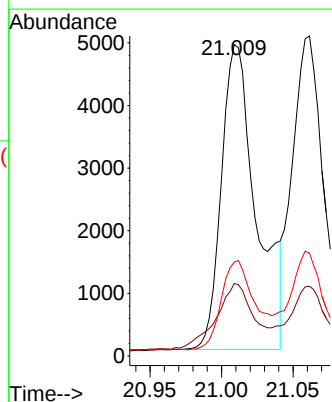
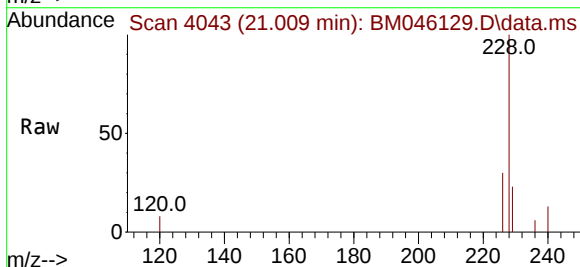
RT: 21.009 min Scan# 4043

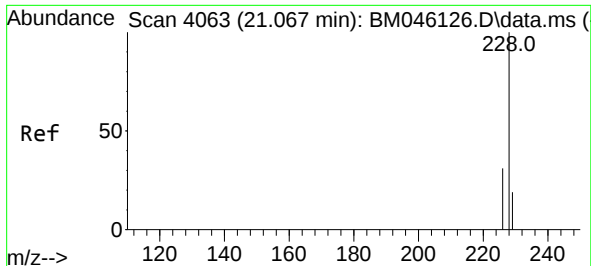
Delta R.T. -0.021 min

Lab File: BM046129.D

Acq: 20 Jun 2024 18:47

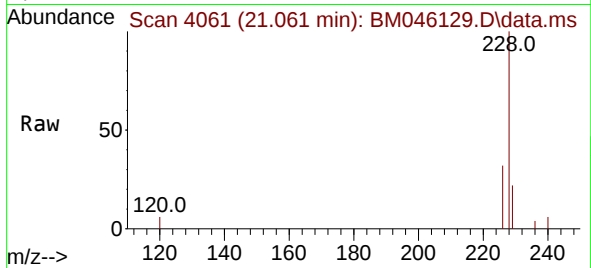
Tgt Ion:	228	Resp:	8260
Ion Ratio	Lower	Upper	
228	100		
229	23.3	16.4	24.6
226	30.2	23.4	35.2





#22
Chrysene
Concen: 0.267 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.015 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

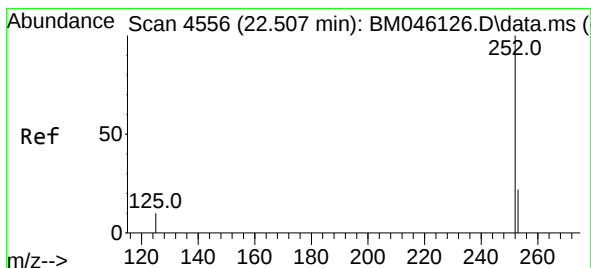
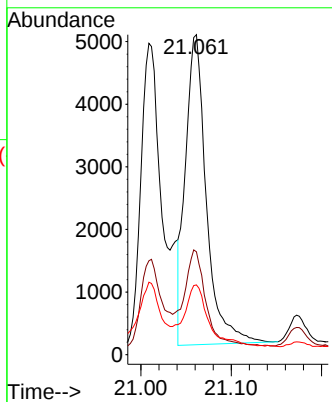
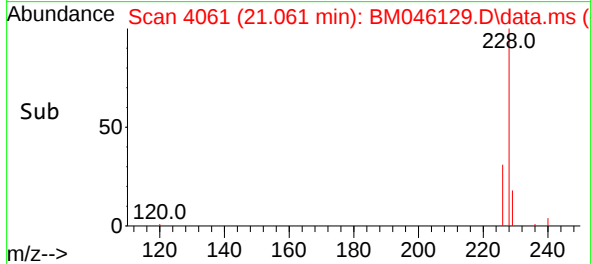
Instrument :
BNA_M
ClientSampleId :
A4B21



Tgt Ion:228 Resp: 795
Ion Ratio Lower Upper
228 100
226 32.1 25.2 37.8
229 21.8 16.3 24.5

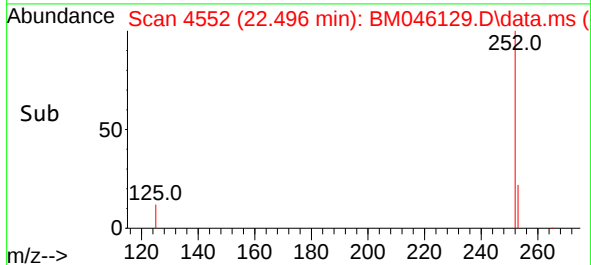
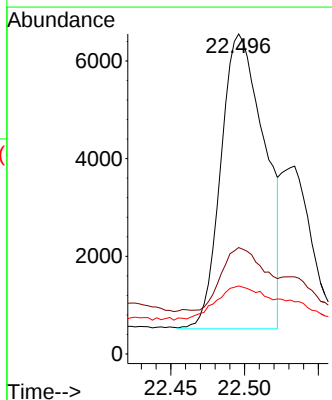
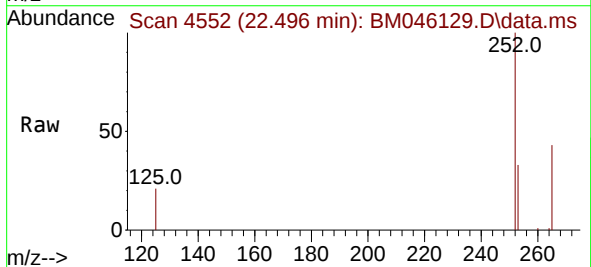
Manual Integrations
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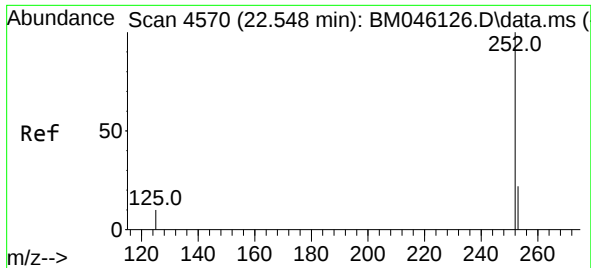
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#24
Benzo(b)fluoranthene
Concen: 0.556 ng/ul m
RT: 22.496 min Scan# 4552
Delta R.T. -0.023 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

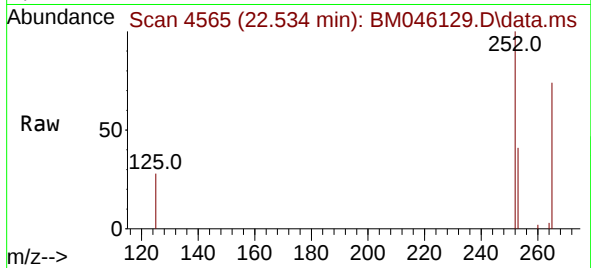
Tgt Ion:252 Resp: 12405
Ion Ratio Lower Upper
252 100
253 33.3 0.0 65.8
125 21.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.183 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.029 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

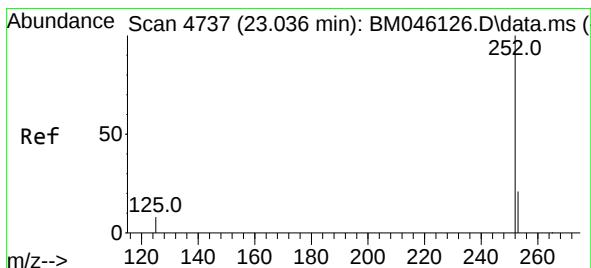
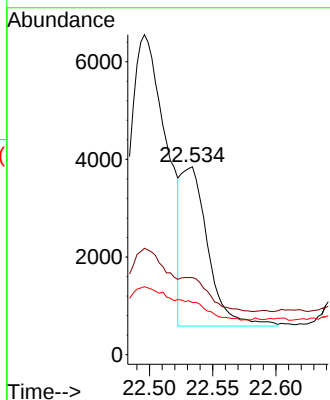
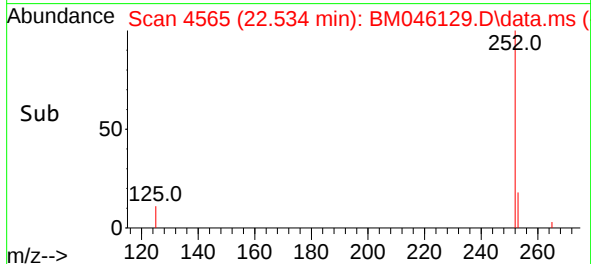
Instrument :
BNA_M
ClientSampleId :
A4B21



Tgt Ion:252 Resp: 484
Ion Ratio Lower Upper
252 100
253 41.0 27.2 40.8
125 27.8 16.6 25.0

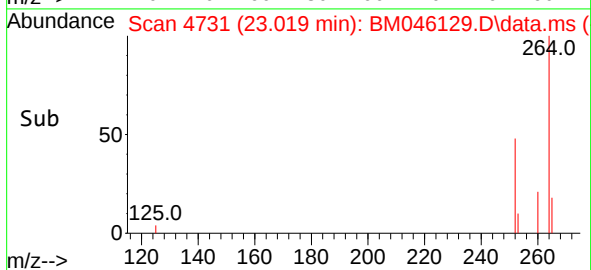
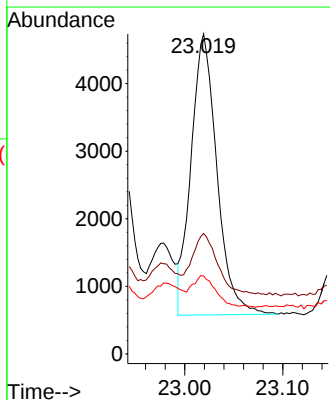
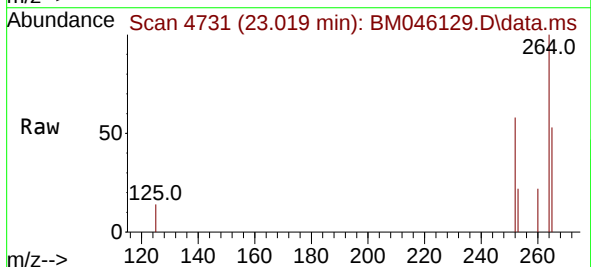
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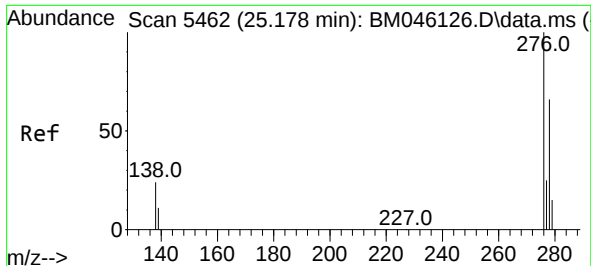
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.035 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

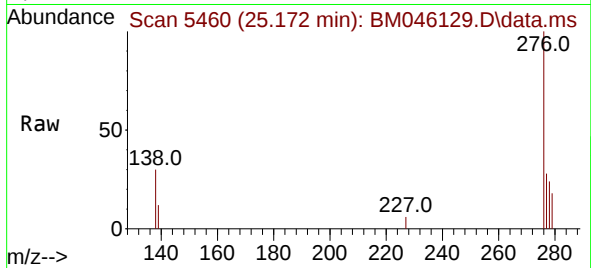
Tgt Ion:252 Resp: 7633
Ion Ratio Lower Upper
252 100
253 37.7 32.1 48.1
125 24.4 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.030 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

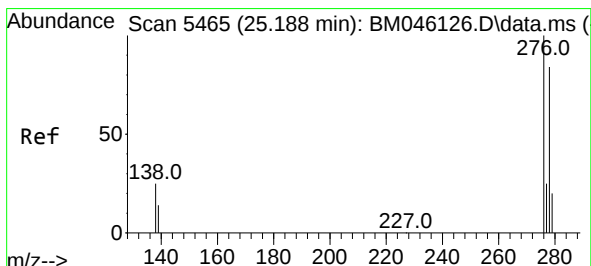
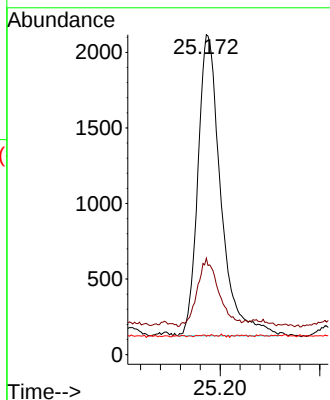
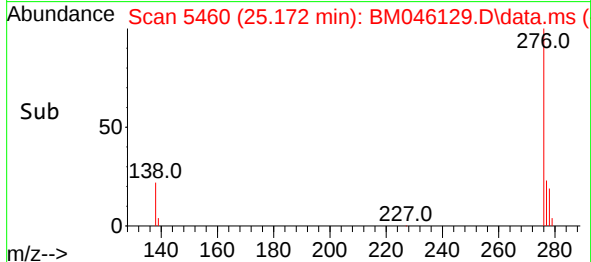
Instrument :
BNA_M
ClientSampleId :
A4B21



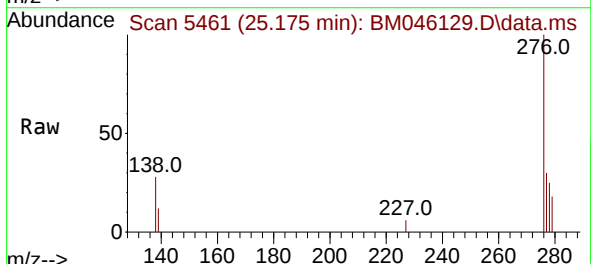
Tgt Ion: 276 Resp: 6358
Ion Ratio Lower Upper
276 100
138 21.3 21.0 31.4
227 0.1 0.0 0.0

Manual Integrations
APPROVED

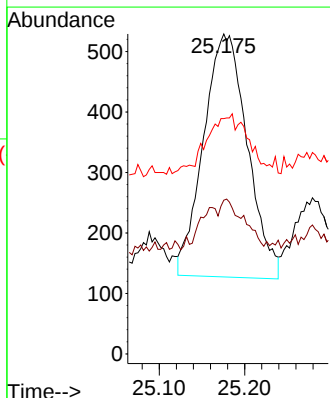
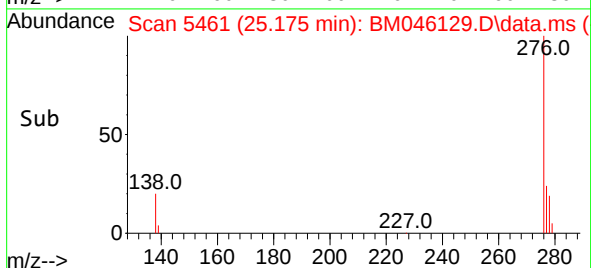
Reviewed By : Jagrut Upadhyay 06/21/2024
Supervised By : mohammad ahmed 06/24/2024

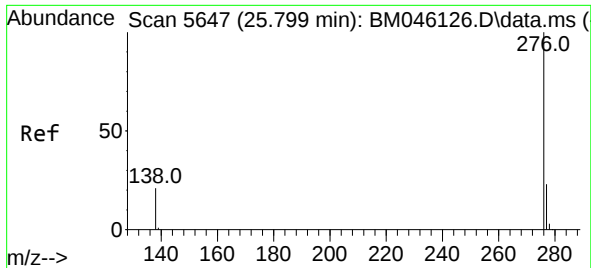


#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.040 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47



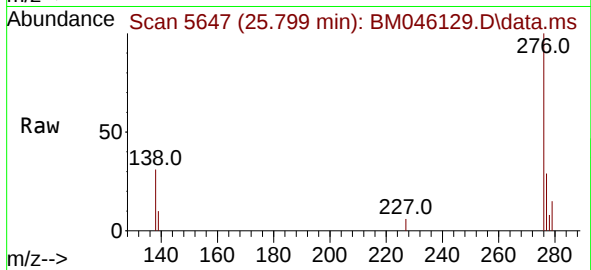
Tgt Ion: 278 Resp: 1435
Ion Ratio Lower Upper
278 100
139 48.0 17.6 26.4#
279 73.5 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 25.799 min Scan# 50
Delta R.T. -0.030 min
Lab File: BM046129.D
Acq: 20 Jun 2024 18:47

Instrument :
BNA_M
ClientSampleId :
A4B21



Tgt Ion: 276 Resp: 677
Ion Ratio Lower Upper
276 100
138 30.6 21.7 32.5
277 29.2 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

