

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046576.D
 Acq On : 13 Jul 2024 10:49
 Operator : MA/JU
 Sample : P3088-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CY4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:00:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	4192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	11447	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.150	164	6990	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	15216m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	10947	0.400	ng/ul	# 0.00
23) Perylene-d12	23.244	264	10744m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	10692	3.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4226	0.229	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	9570	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	2477	0.085	ng/ul	97
7) 2-Methylnaphthalene	11.943	142	692	0.034	ng/ul	94
8) 1-Methylnaphthalene	12.163	142	494	0.024	ng/ul	91
10) Acenaphthylene	13.864	152	4386	0.138	ng/ul	98
11) Acenaphthene	14.211	153	1798	0.084	ng/ul	97
12) Fluorene	15.205	166	2504	0.095	ng/ul	91
14) Pentachlorophenol	16.554	266	163	0.021	ng/ul	95
15) Phenanthrene	16.943	178	33220	0.765	ng/ul	98
16) Anthracene	17.031	178	8186	0.193	ng/ul	98
19) Fluoranthene	18.970	202	58795	1.308	ng/ul	99
20) Pyrene	19.332	202	49426	1.015	ng/ul#	97
21) Benzo(a)anthracene	21.090	228	27515	0.568	ng/ul	96
22) Chrysene	21.140	228	27960	0.597	ng/ul	96
24) Benzo(b)fluoranthene	22.613	252	35571m	0.829	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	12618m	0.299	ng/ul	
26) Benzo(a)pyrene	23.150	252	22870	0.648	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.356	276	17976	0.334	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	4766	0.112	ng/ul#	66
29) Benzo(g,h,i)perylene	26.003	276	17608	0.411	ng/ul#	97

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

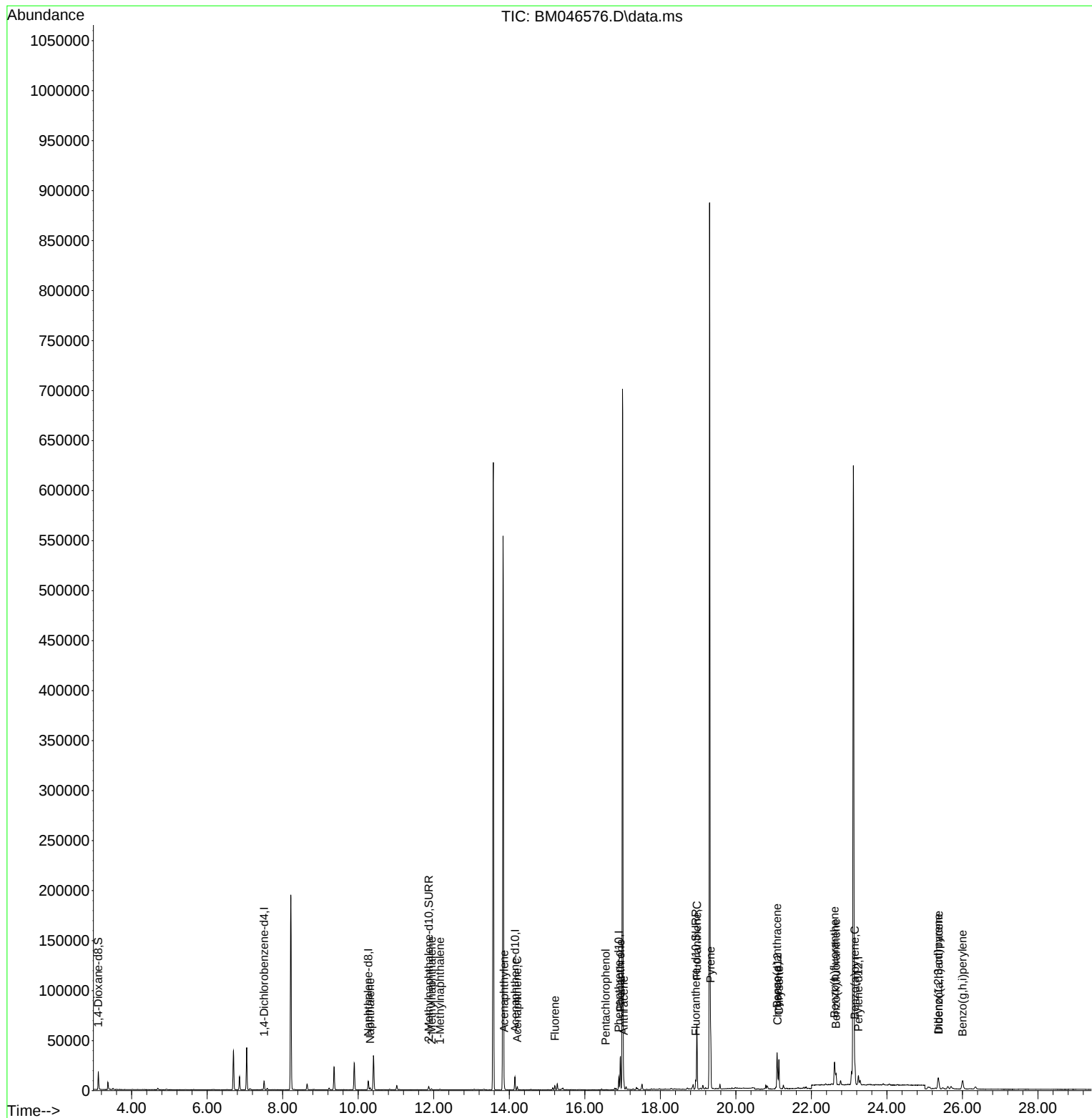
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

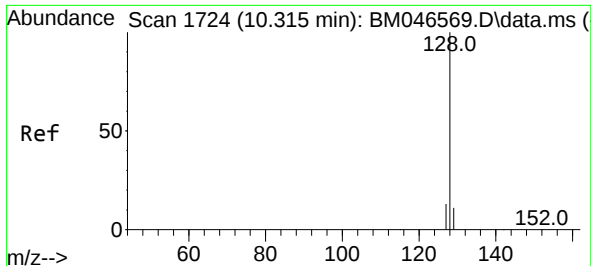
Instrument :
BNA_M
ClientSampleId :
A4CY4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

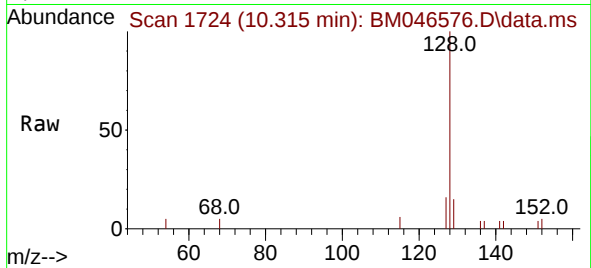
Quant Time: Jul 15 09:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

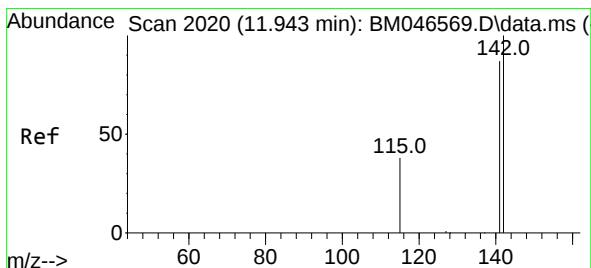
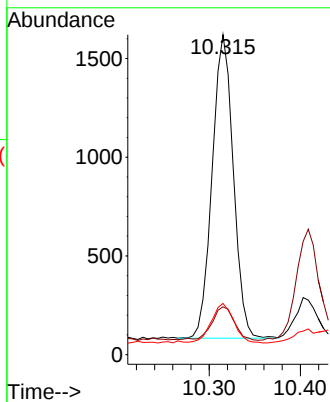
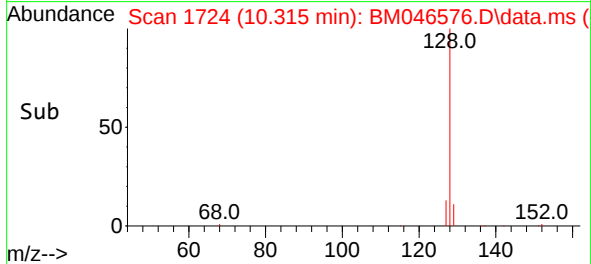
Instrument :
BNA_M
ClientSampleId :
A4CY4



Tgt Ion:128 Resp: 247
Ion Ratio Lower Upper
128 100
129 14.9 10.3 15.5
127 16.0 12.2 18.4

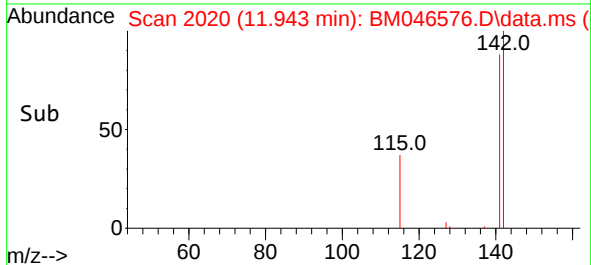
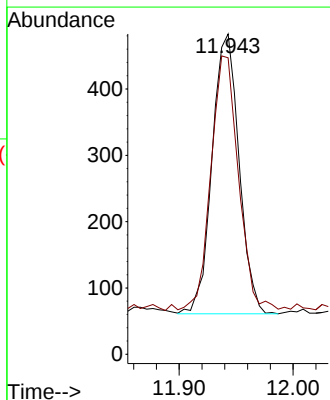
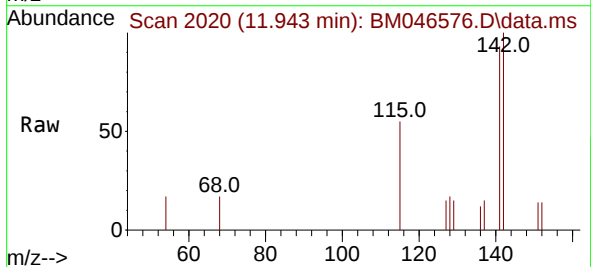
Manual Integrations
APPROVED

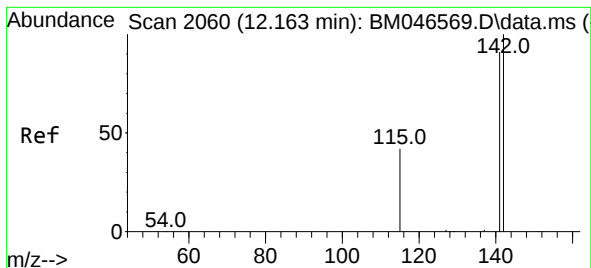
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
141 93.8 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.163 min Scan# 2060

Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

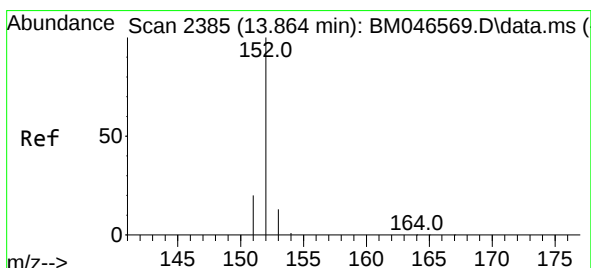
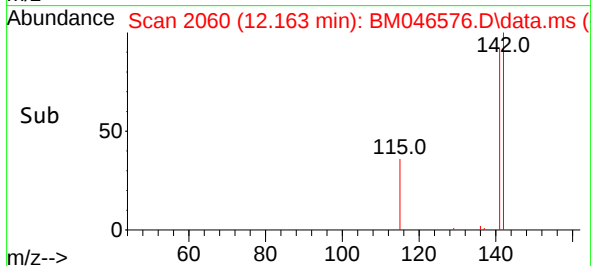
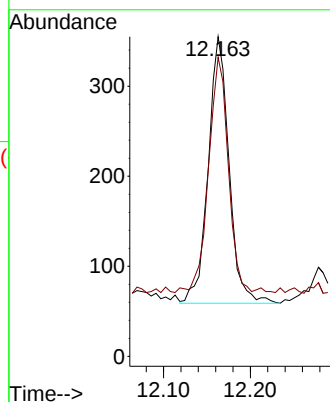
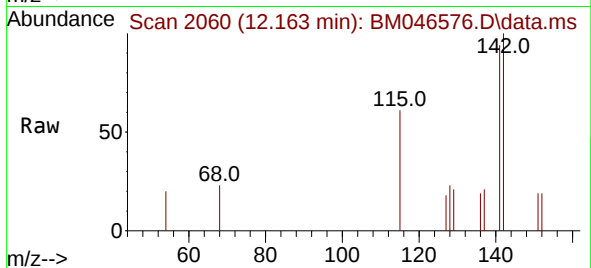
A4CY4

Tgt Ion:142 Resp: 494
 Ion Ratio Lower Upper
 142 100
 141 83.4 73.9 110.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#10

Acenaphthylene

Concen: 0.138 ng/ul

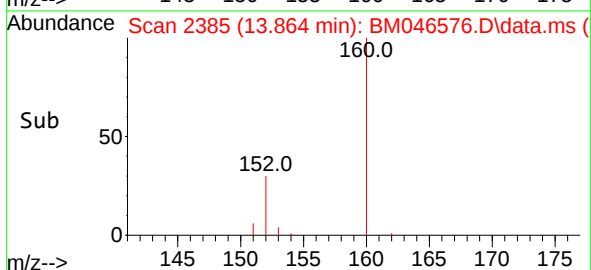
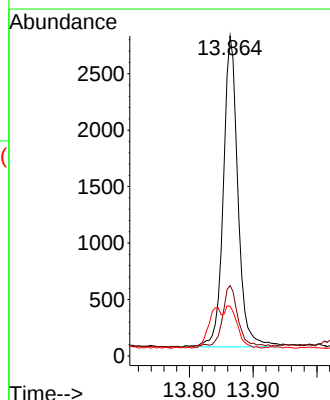
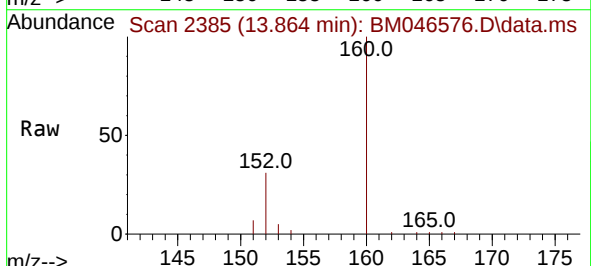
RT: 13.864 min Scan# 2385

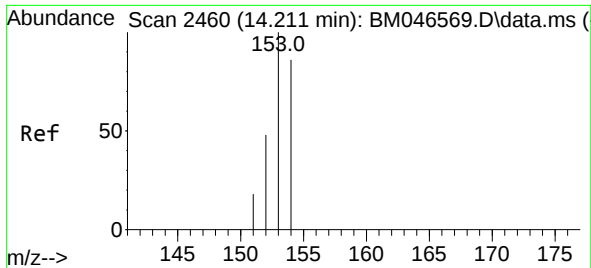
Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

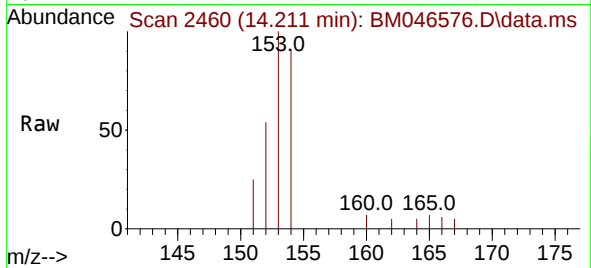
Tgt Ion:152 Resp: 4386
 Ion Ratio Lower Upper
 152 100
 151 22.0 16.4 24.6
 153 15.5 12.4 18.6





#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

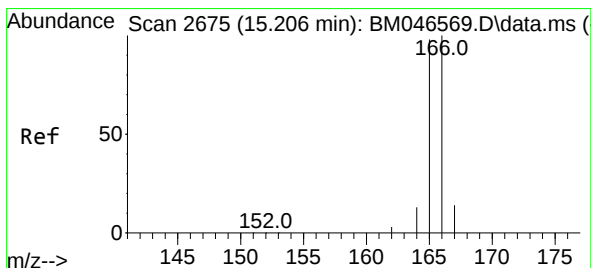
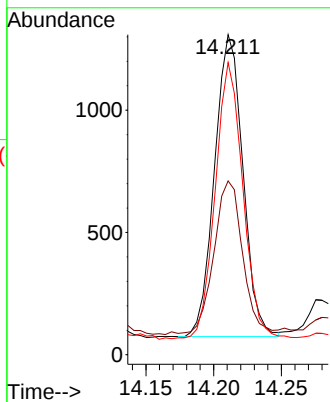
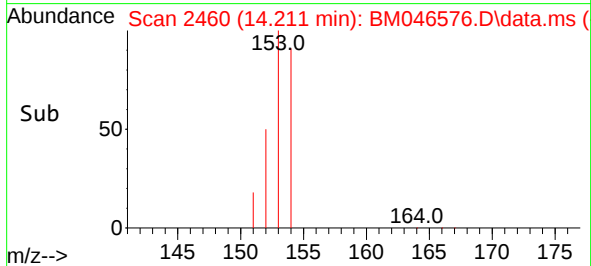
Instrument :
BNA_M
ClientSampleId :
A4CY4



Tgt Ion:153 Resp: 1798
Ion Ratio Lower Upper
153 100
152 54.3 43.0 64.6
154 91.3 69.9 104.9

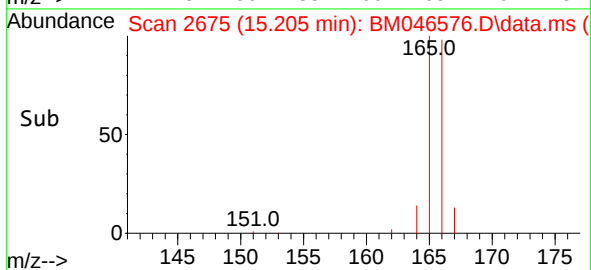
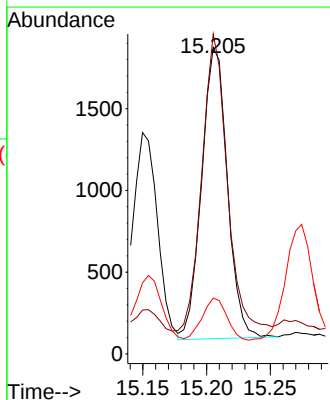
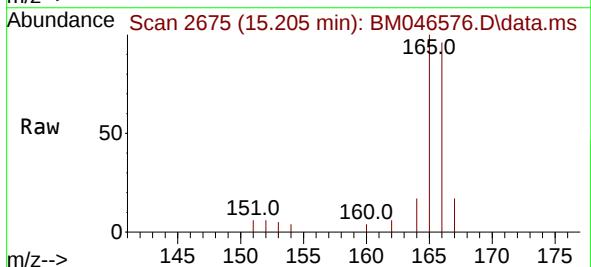
Manual Integrations
APPROVED

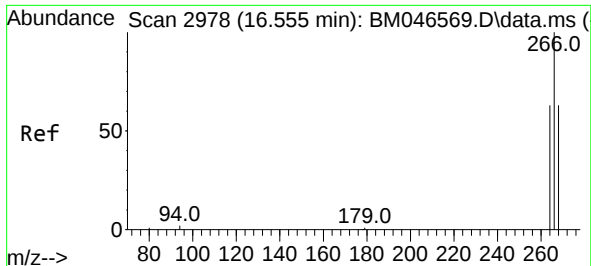
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.095 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

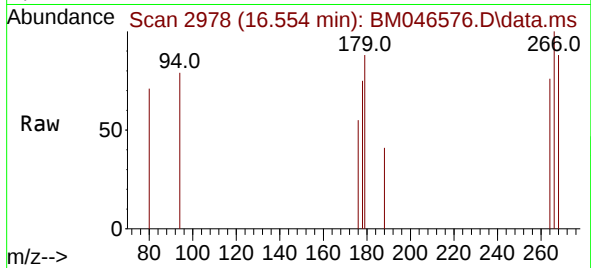
Tgt Ion:166 Resp: 2504
Ion Ratio Lower Upper
166 100
165 104.4 76.1 114.1
167 18.2 12.5 18.7





#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.554 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

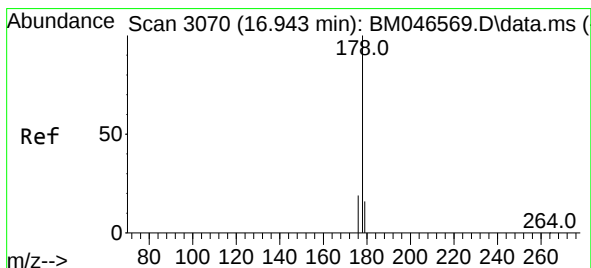
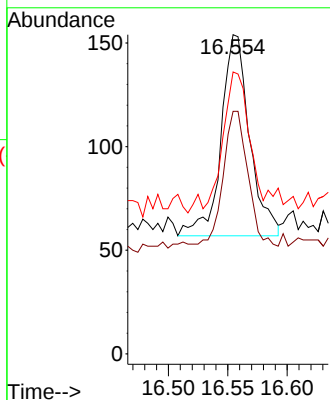
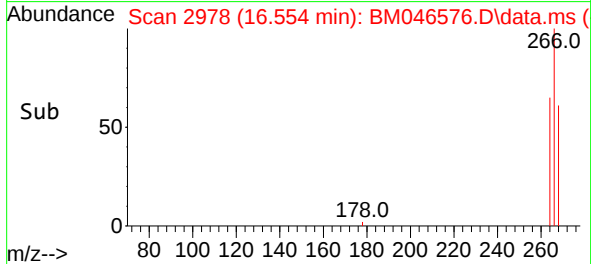
Instrument :
BNA_M
ClientSampleId :
A4CY4



Tgt Ion:266 Resp: 163
Ion Ratio Lower Upper
266 100
264 60.7 50.1 75.1
268 71.2 52.5 78.7

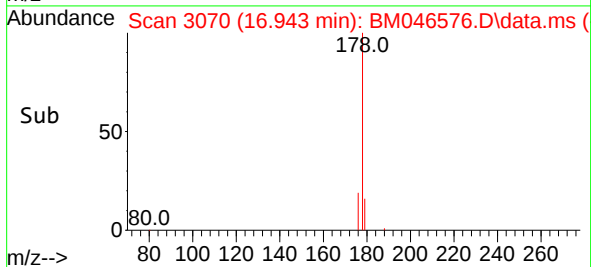
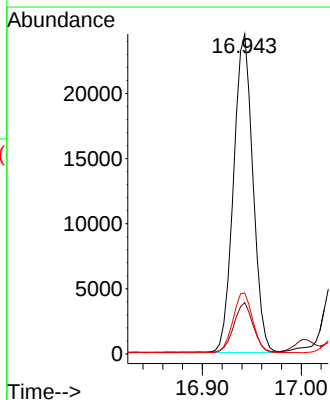
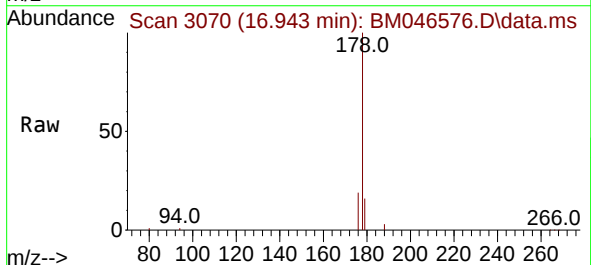
Manual Integrations
APPROVED

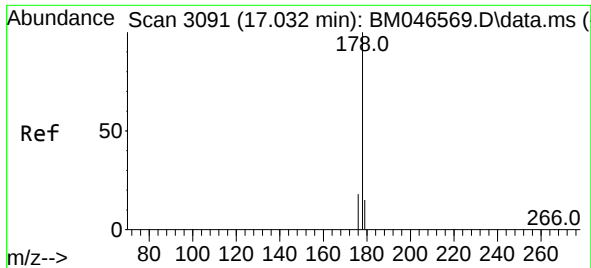
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.765 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

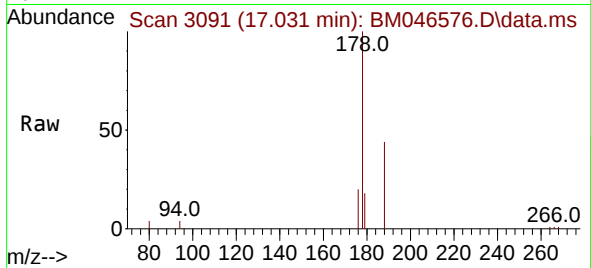
Tgt Ion:178 Resp: 33220
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.0 16.0 24.0





#16
 Anthracene
 Concen: 0.193 ng/ul
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BM046576.D
 Acq: 13 Jul 2024 10:49

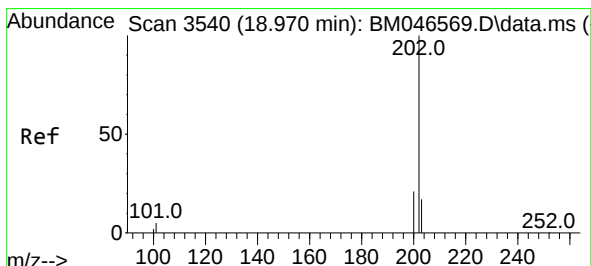
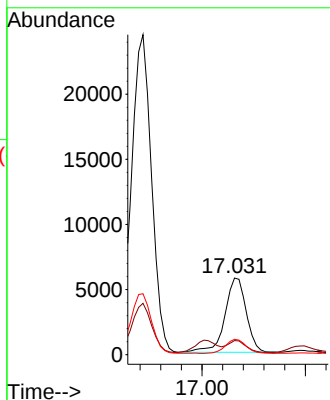
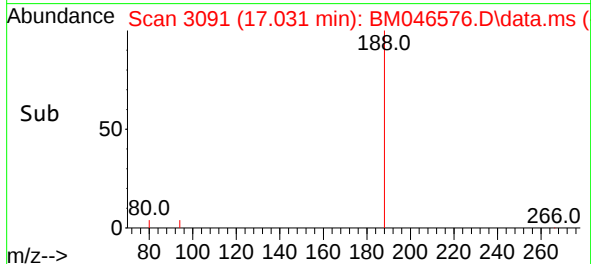
Instrument :
 BNA_M
 ClientSampleId :
 A4CY4



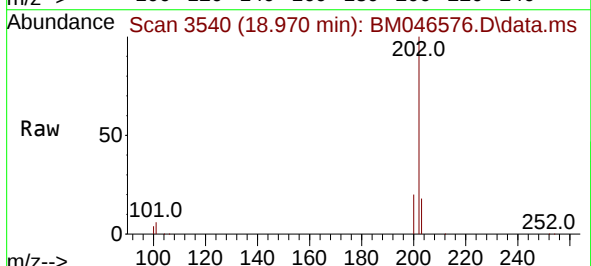
Tgt Ion:178 Resp: 8180
 Ion Ratio Lower Upper
 178 100
 179 18.3 13.5 20.3
 176 20.0 15.7 23.5

Manual Integrations
 APPROVED

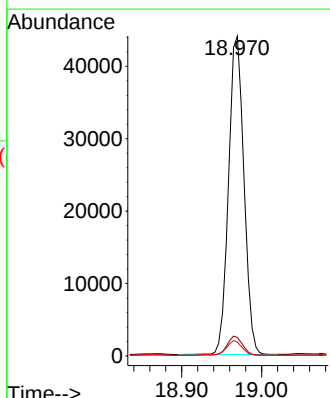
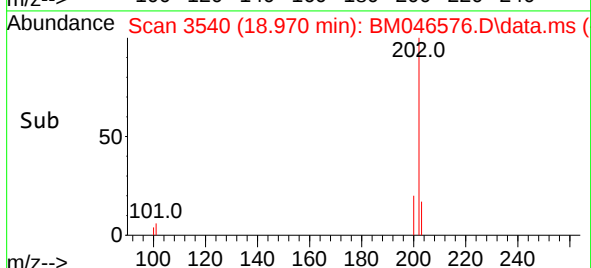
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

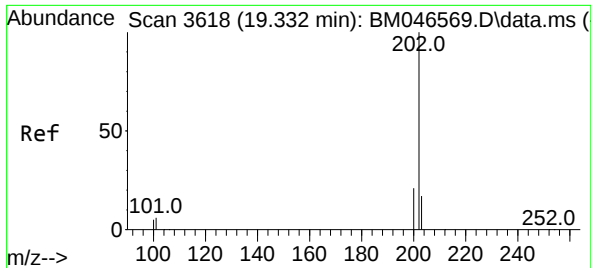


#19
 Fluoranthene
 Concen: 1.308 ng/ul
 RT: 18.970 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: BM046576.D
 Acq: 13 Jul 2024 10:49



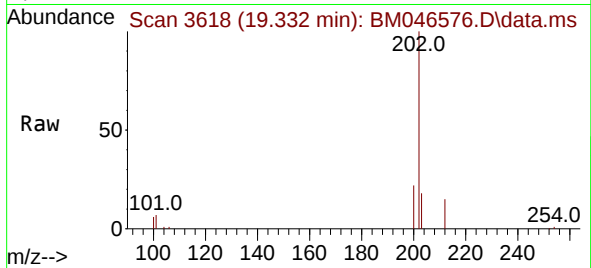
Tgt Ion:202 Resp: 58795
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 6.8
 100 4.3 3.0 4.6





#20
Pyrene
Concen: 1.015 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

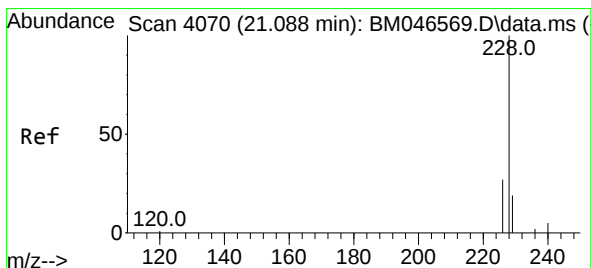
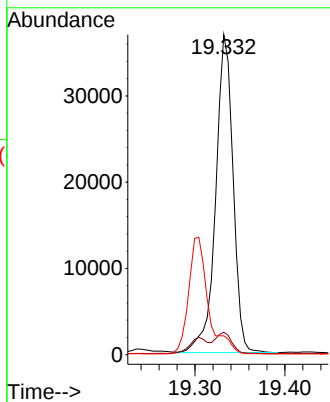
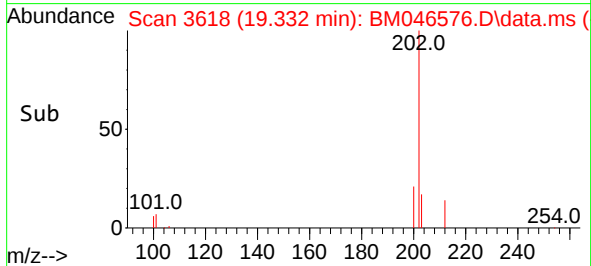
Instrument :
BNA_M
ClientSampleId :
A4CY4



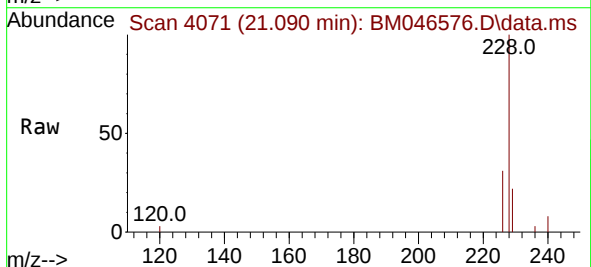
Tgt Ion:202 Resp: 49420
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.9 3.8 5.6

Manual Integrations
APPROVED

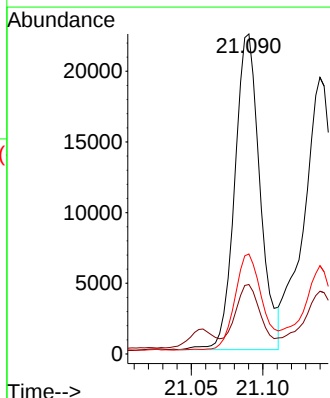
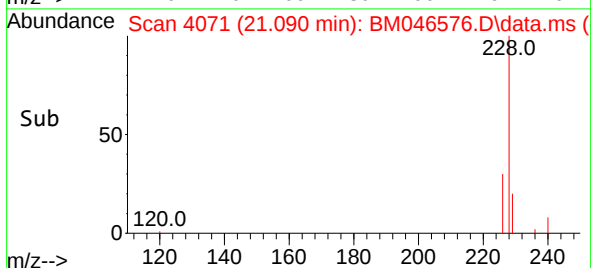
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

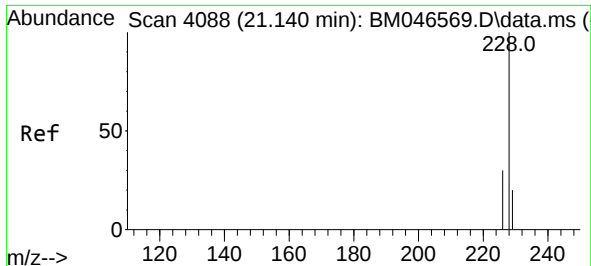


#21
Benzo(a)anthracene
Concen: 0.568 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49



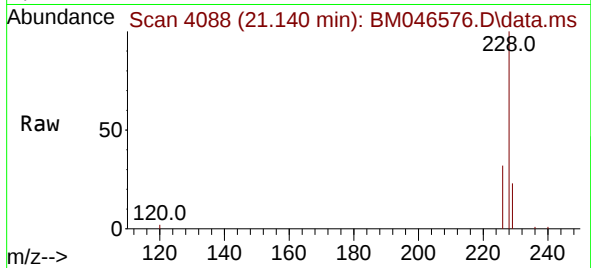
Tgt Ion:228 Resp: 27515
Ion Ratio Lower Upper
228 100
229 21.7 16.5 24.7
226 31.3 22.5 33.7





#22
Chrysene
Concen: 0.597 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

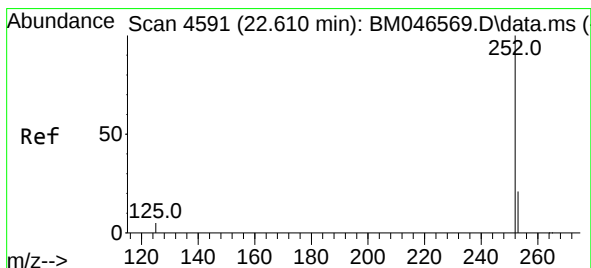
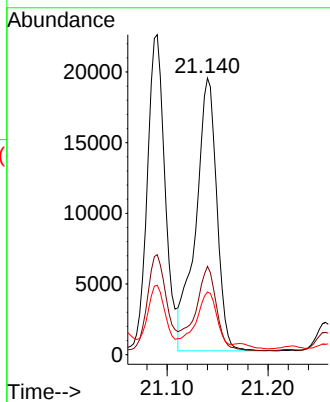
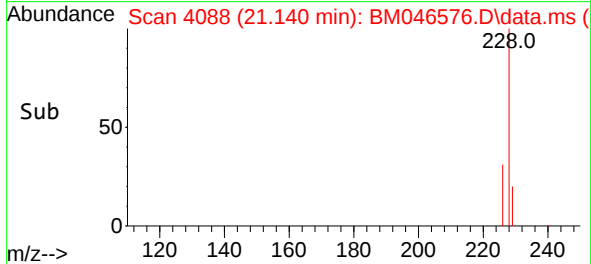
Instrument :
BNA_M
ClientSampleId :
A4CY4



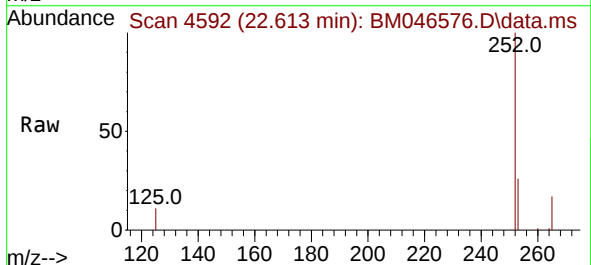
Tgt Ion:228 Resp: 27960
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 22.7 16.4 24.6

Manual Integrations
APPROVED

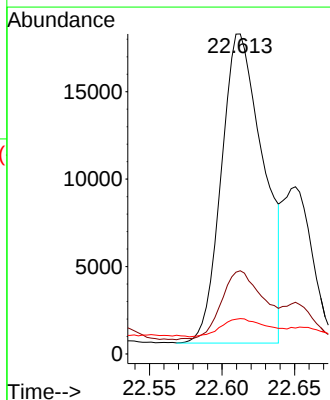
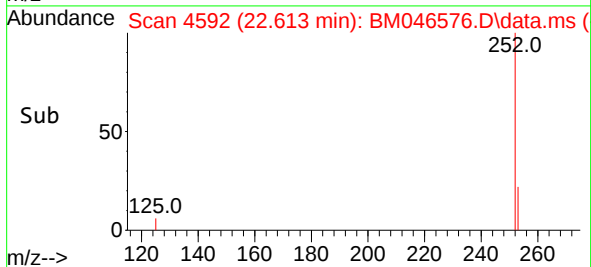
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

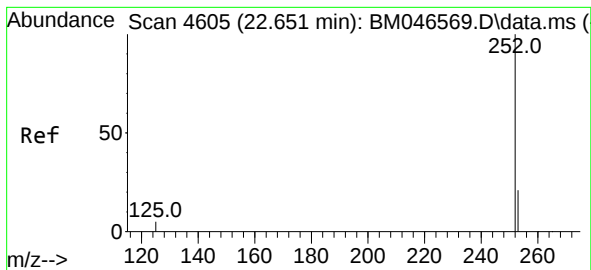


#24
Benzo(b)fluoranthene
Concen: 0.829 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. 0.003 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49



Tgt Ion:252 Resp: 35571
Ion Ratio Lower Upper
252 100
253 26.0 0.0 56.2
125 11.1 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.299 ng/ul m

RT: 22.651 min Scan# 4605

Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

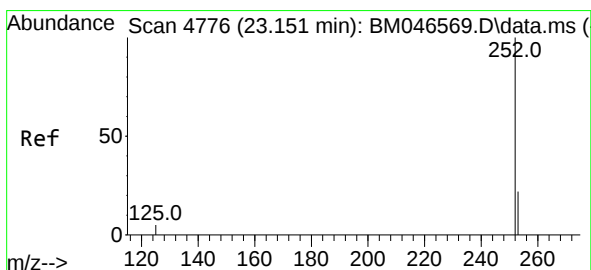
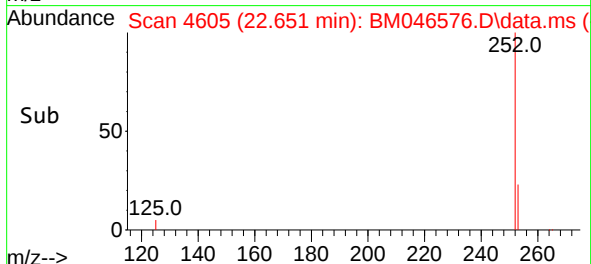
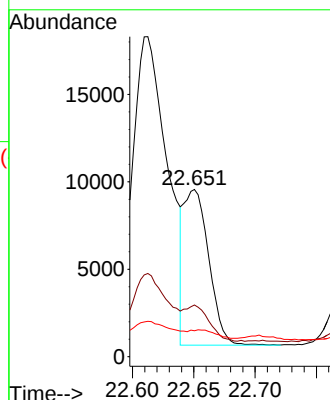
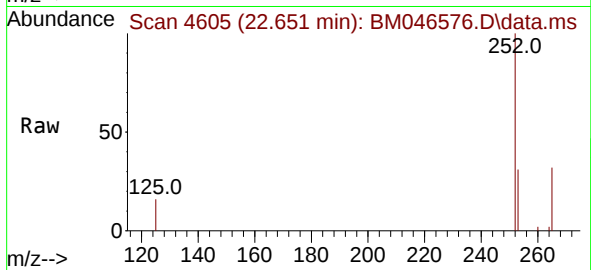
A4CY4

Tgt Ion:252	Resp:	12618
Ion Ratio	Lower	Upper
252	100	
253	30.9	22.4 33.6
125	15.5	7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26

Benzo(a)pyrene

Concen: 0.648 ng/ul

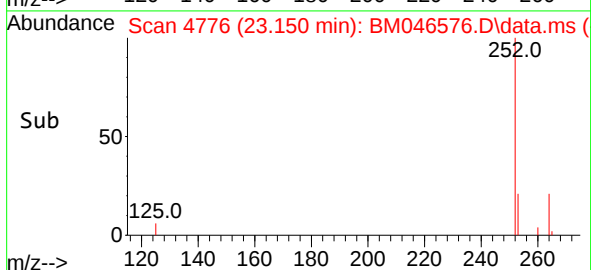
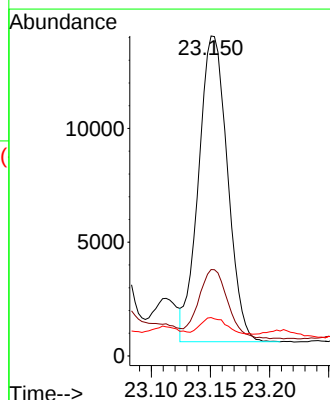
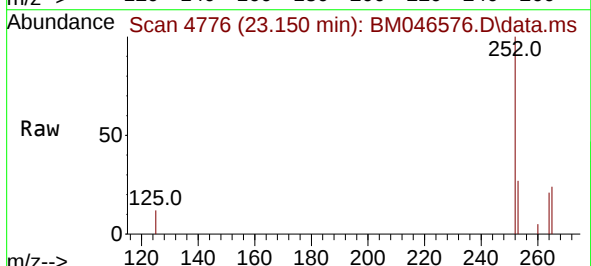
RT: 23.150 min Scan# 4776

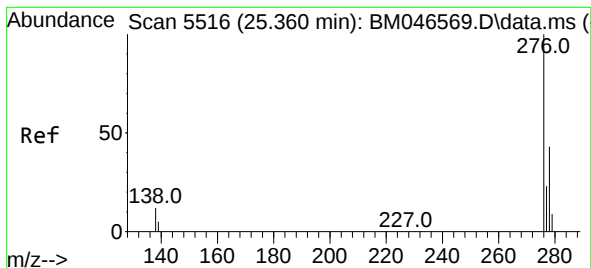
Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Tgt Ion:252	Resp:	22870
Ion Ratio	Lower	Upper
252	100	
253	27.0	24.0 36.0
125	12.0	8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.334 ng/ul

RT: 25.356 min Scan# 5516

Delta R.T. -0.004 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

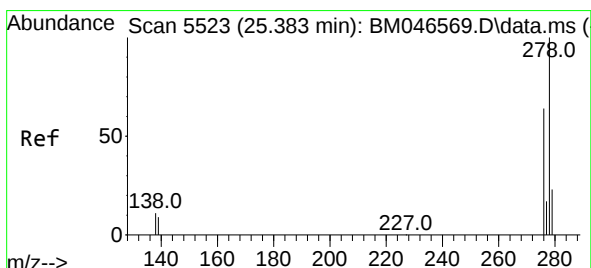
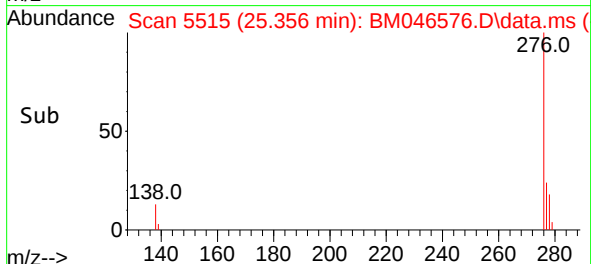
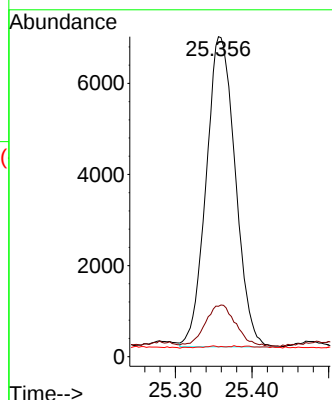
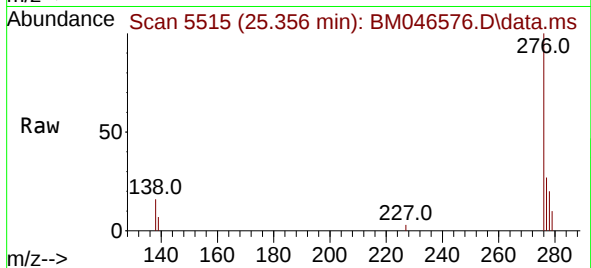
A4CY4

Tgt Ion:276 Resp: 17970
 Ion Ratio Lower Upper
 276 100
 138 13.9 0.0 0.0#
 227 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.112 ng/ul

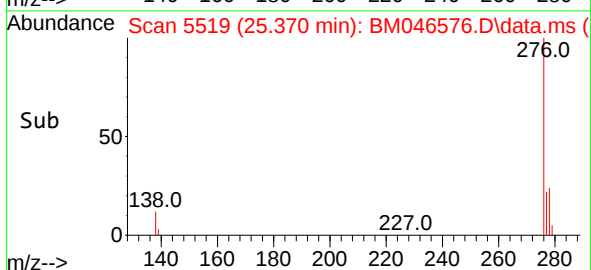
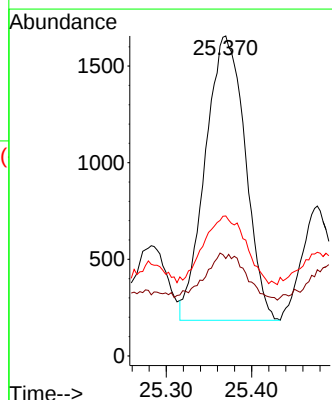
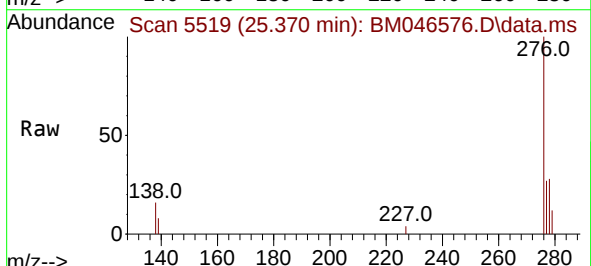
RT: 25.370 min Scan# 5519

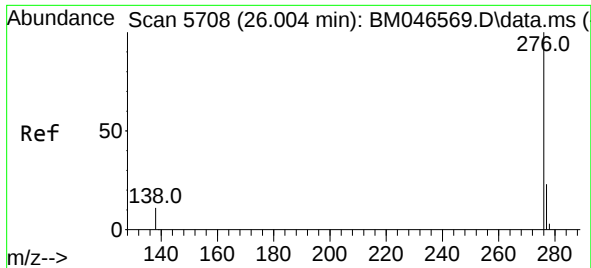
Delta R.T. -0.014 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

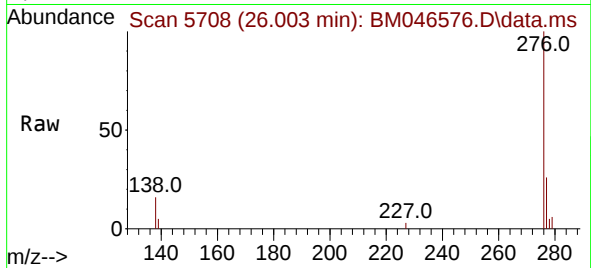
Tgt Ion:278 Resp: 4766
 Ion Ratio Lower Upper
 278 100
 139 30.4 9.1 13.7#
 279 43.7 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.003 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

Instrument :
BNA_M
ClientSampleId :
A4CY4



Tgt Ion:276 Resp: 17608
Ion Ratio Lower Upper
276 100
138 15.9 10.2 15.4
277 25.7 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

