

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046580.D
 Acq On : 13 Jul 2024 13:15
 Operator : MA/JU
 Sample : P3088-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D12

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 09:01:53 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	7.510	152	4710	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	12752	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.149	164	8268	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	17183m	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	8479	0.400	ng/ul	# 0.00
23) Perylene-d12	23.262	264	11241	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	11876	3.069	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	5582	0.271	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	11027	0.427	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.319	128	30891	0.952	ng/ul	95
7) 2-Methylnaphthalene	11.942	142	16609	0.729	ng/ul	99
8) 1-Methylnaphthalene	12.167	142	12608	0.542	ng/ul	100
10) Acenaphthylene	13.867	152	78977	2.098	ng/ul	97
11) Acenaphthene	14.214	153	23994	0.952	ng/ul	97
12) Fluorene	15.209	166	35485	1.137	ng/ul	98
14) Pentachlorophenol	16.562	266	1699	0.195	ng/ul	98
15) Phenanthrene	16.946	178	640332	13.059	ng/ul	98
16) Anthracene	17.034	178	147719	3.087	ng/ul	98
19) Fluoranthene	18.973	202	1212873	34.825	ng/ul	99
20) Pyrene	19.340	202	807695	21.420	ng/ul	99
21) Benzo(a)anthracene	21.096	228	510285	13.604	ng/ul	97
22) Chrysene	21.149	228	560462	15.442	ng/ul	98
24) Benzo(b)fluoranthene	22.628	252	762137m	16.974	ng/ul	
25) Benzo(k)fluoranthene	22.666	252	266067m	6.036	ng/ul	
26) Benzo(a)pyrene	23.171	252	244039	6.604	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.400	276	261421	4.649	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.414	278	97012	2.179	ng/ul#	92
29) Benzo(g,h,i)perylene	26.054	276	36093	0.804	ng/ul#	78

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

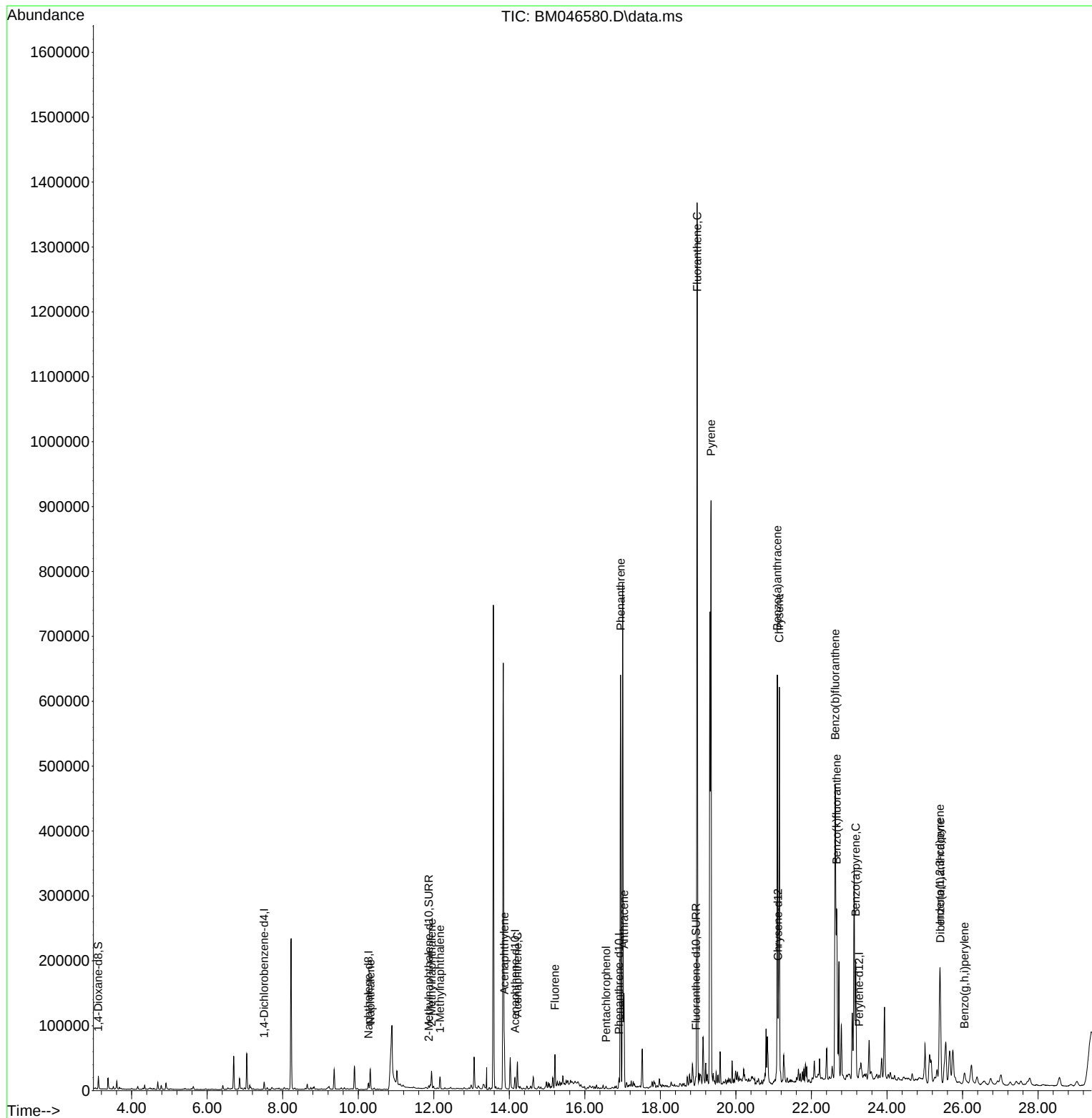
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046580.D
Acq On : 13 Jul 2024 13:15
Operator : MA/JU
Sample : P3088-17
Misc :
ALS Vial : 43 Sample Multiplier: 1

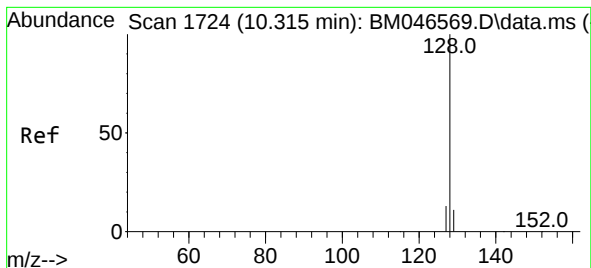
Instrument :
BNA_M
ClientSampleId :
A4D12

Manual Integrations
APPROVED

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

Quant Time: Jul 15 09:01:53 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: 0.952 ng/ul

RT: 10.319 min Scan# 1724

Delta R.T. 0.004 min

Lab File: BM046580.D

Acq: 13 Jul 2024 13:15

Instrument :

BNA_M

ClientSampleId :

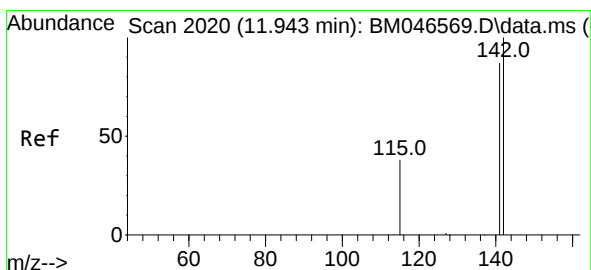
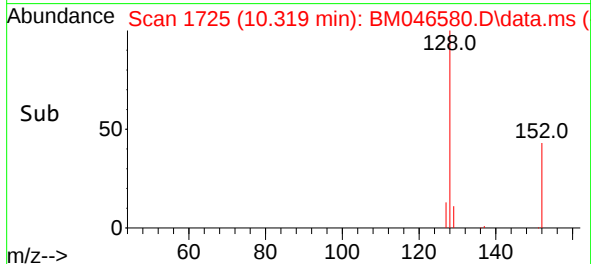
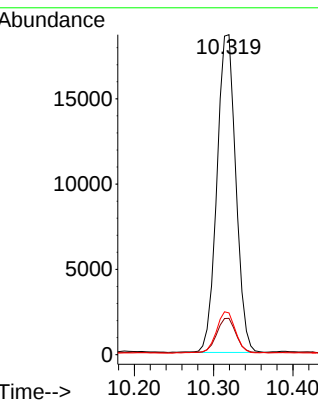
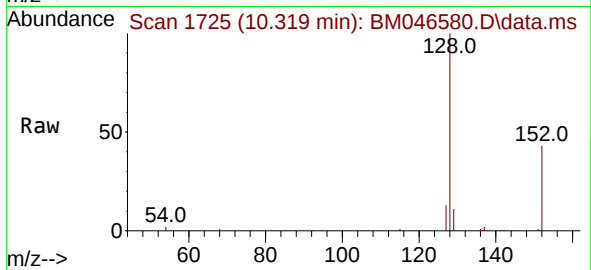
A4D12

Tgt Ion:128 Resp: 3089
 Ion Ratio Lower Upper
 128 100
 129 11.3 10.3 15.5
 127 13.1 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: 0.729 ng/ul

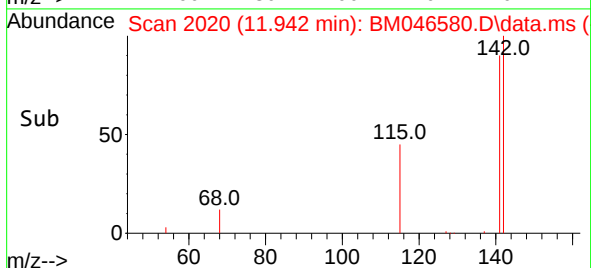
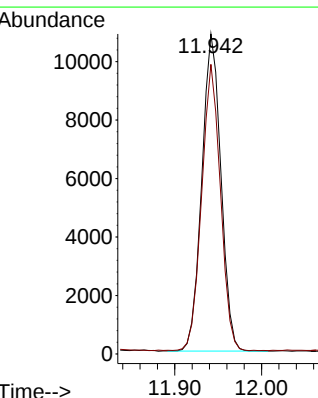
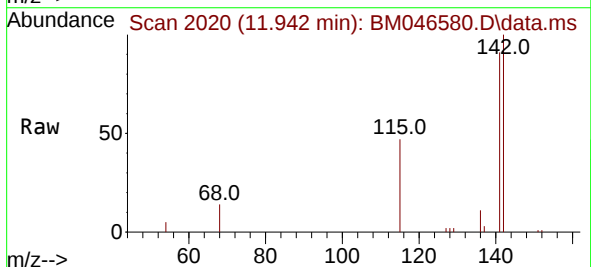
RT: 11.942 min Scan# 2020

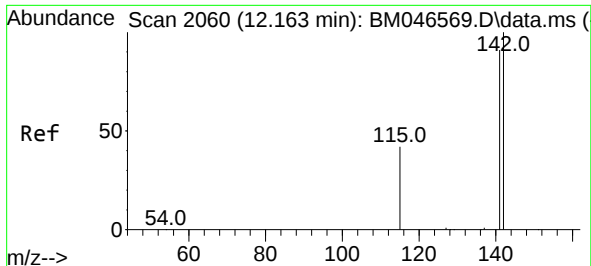
Delta R.T. -0.002 min

Lab File: BM046580.D

Acq: 13 Jul 2024 13:15

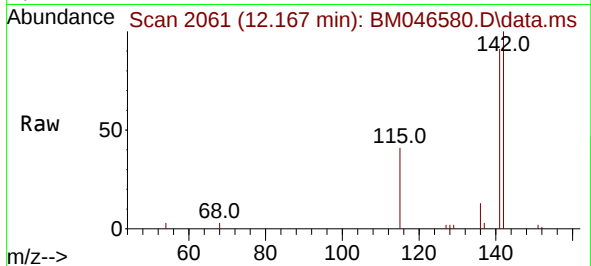
Tgt Ion:142 Resp: 16609
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.542 ng/ul
RT: 12.167 min Scan# 2060
Delta R.T. 0.004 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

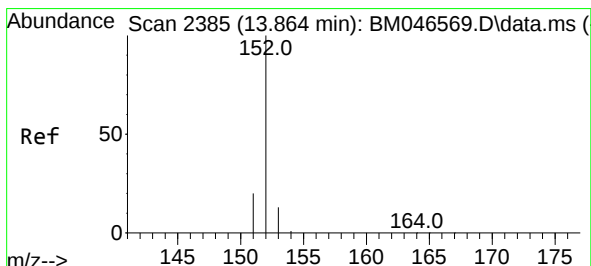
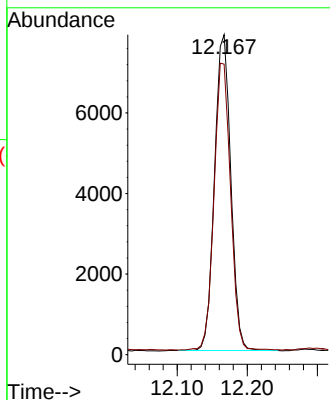
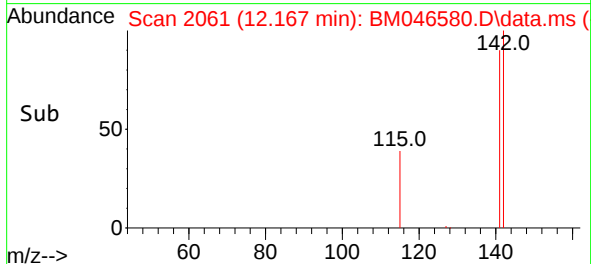
Instrument :
BNA_M
ClientSampleId :
A4D12



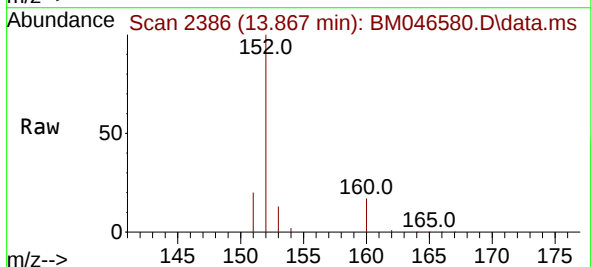
Tgt Ion:142 Resp: 12608
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

Manual Integrations
APPROVED

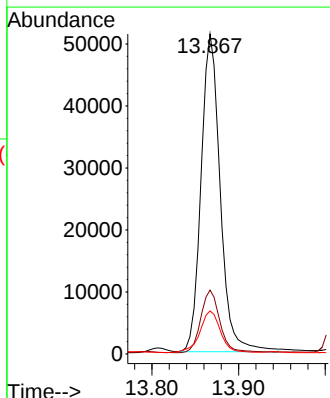
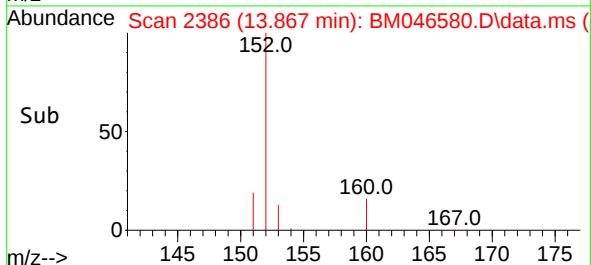
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

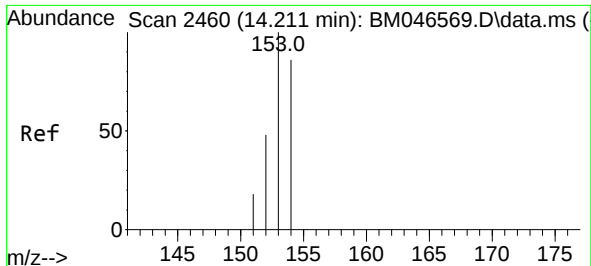


#10
Acenaphthylene
Concen: 2.098 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. 0.003 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15



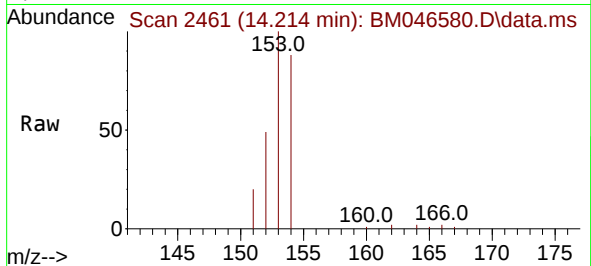
Tgt Ion:152 Resp: 78977
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.5 12.4 18.6





#11
Acenaphthene
Concen: 0.952 ng/u1
RT: 14.214 min Scan# 2461
Delta R.T. 0.003 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

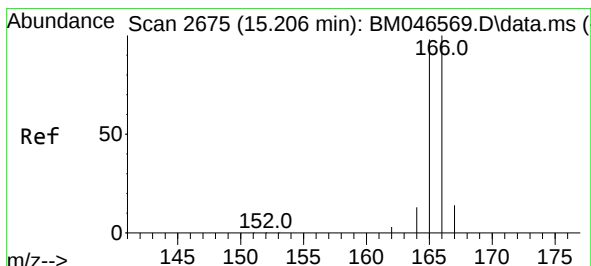
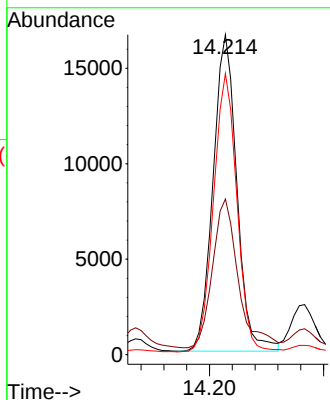
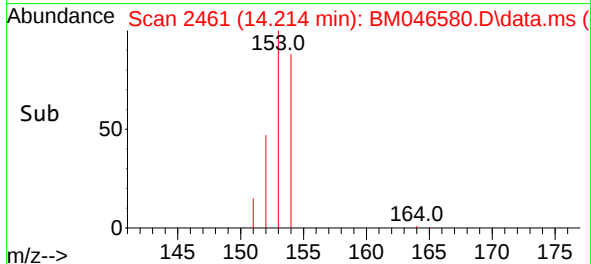
Instrument :
BNA_M
ClientSampleId :
A4D12



Tgt Ion:153 Resp: 23994
Ion Ratio Lower Upper
153 100
152 48.6 43.0 64.6
154 87.8 69.9 104.9

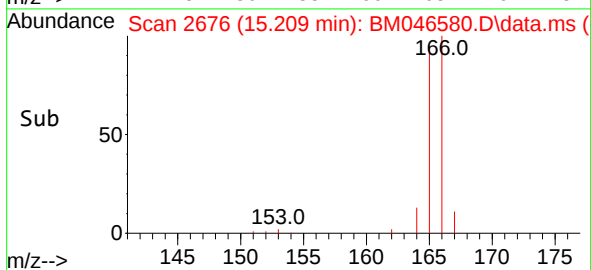
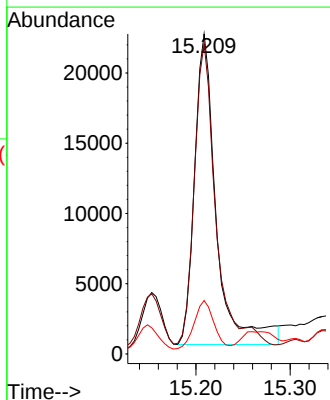
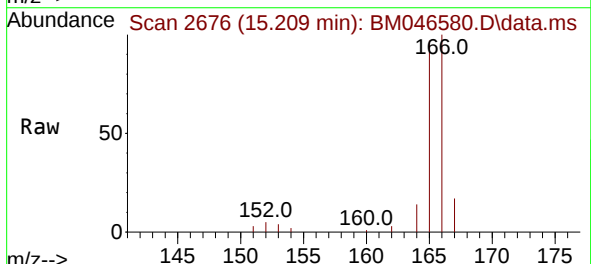
Manual Integrations
APPROVED

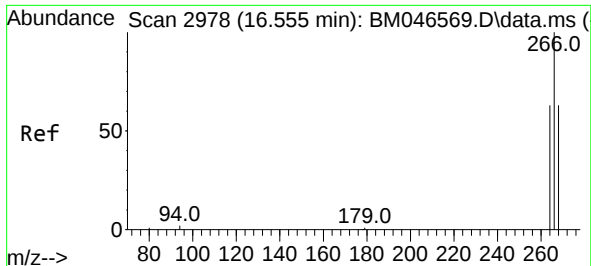
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 1.137 ng/u1
RT: 15.209 min Scan# 2676
Delta R.T. 0.003 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

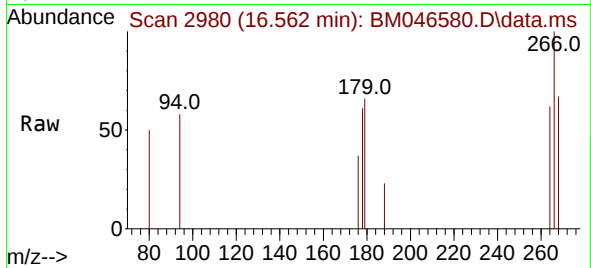
Tgt Ion:166 Resp: 35485
Ion Ratio Lower Upper
166 100
165 97.0 76.1 114.1
167 16.7 12.5 18.7





#14
Pentachlorophenol
Concen: 0.195 ng/ul
RT: 16.562 min Scan# 2978
Delta R.T. 0.007 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

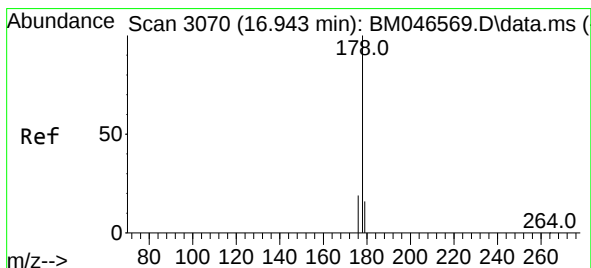
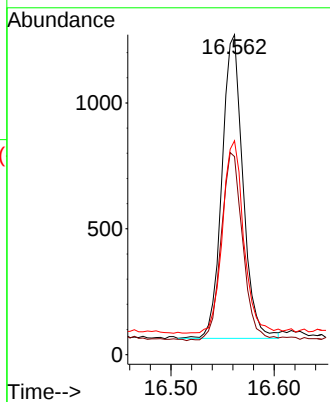
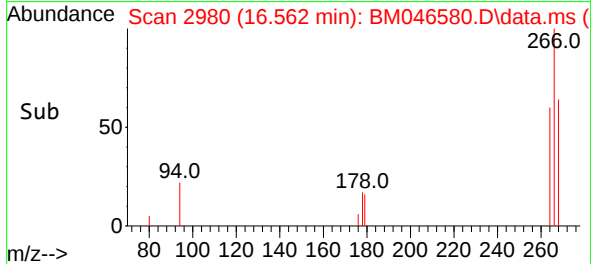
Instrument :
BNA_M
ClientSampleId :
A4D12



Tgt Ion:266 Resp: 1699
Ion Ratio Lower Upper
266 100
264 64.7 50.1 75.1
268 64.5 52.5 78.7

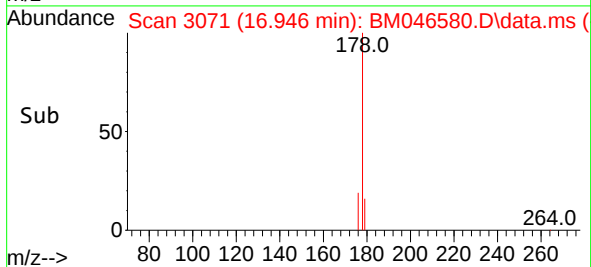
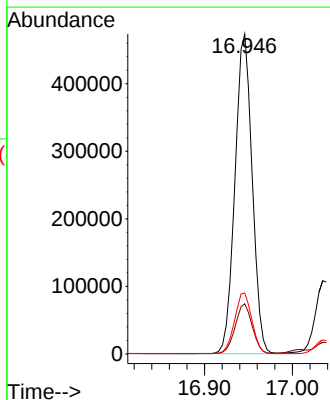
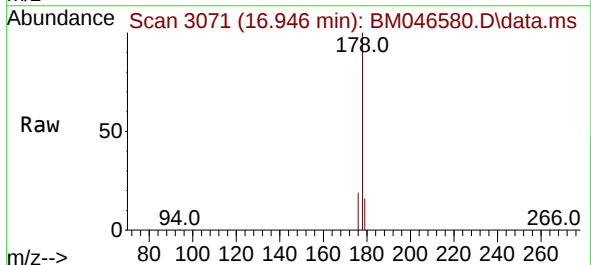
Manual Integrations
APPROVED

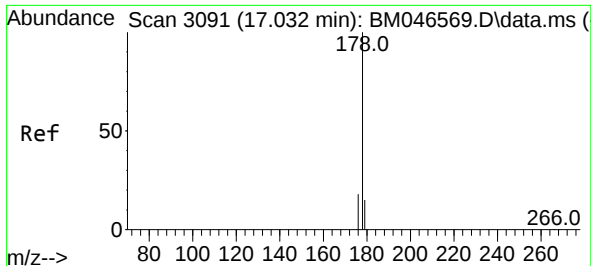
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 13.059 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. 0.003 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

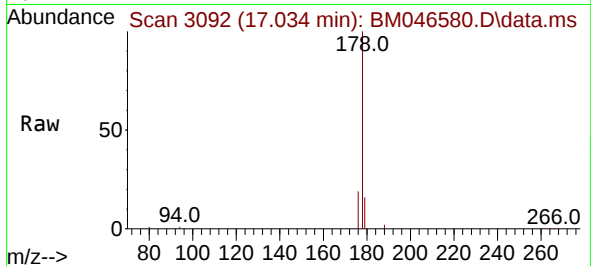
Tgt Ion:178 Resp: 640332
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.1 16.0 24.0





#16
 Anthracene
 Concen: 3.087 ng/u1
 RT: 17.034 min Scan# 3091
 Delta R.T. 0.003 min
 Lab File: BM046580.D
 Acq: 13 Jul 2024 13:15

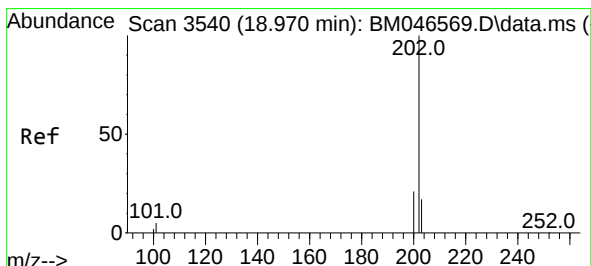
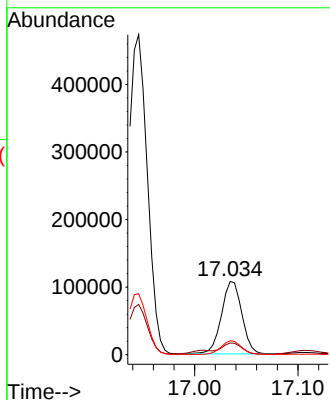
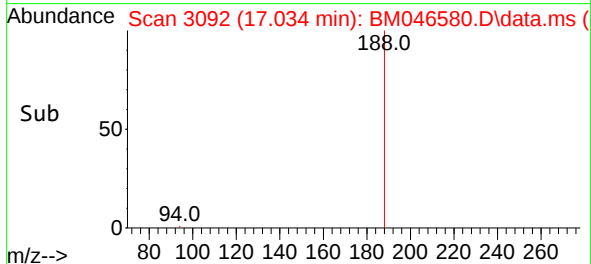
Instrument :
 BNA_M
 ClientSampleId :
 A4D12



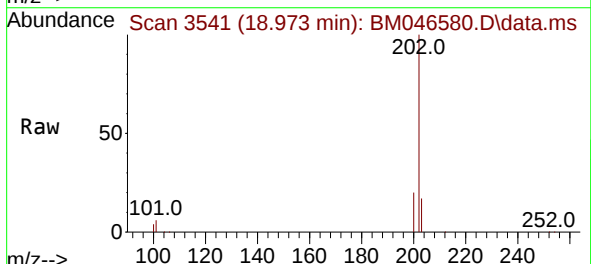
Tgt Ion:178 Resp: 147719
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.5 20.3
 176 19.0 15.7 23.5

Manual Integrations
 APPROVED

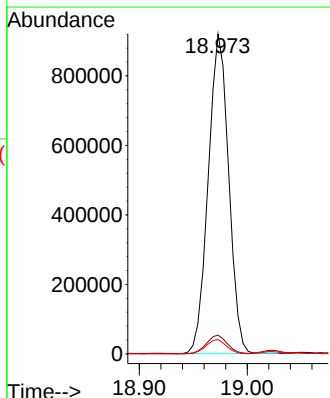
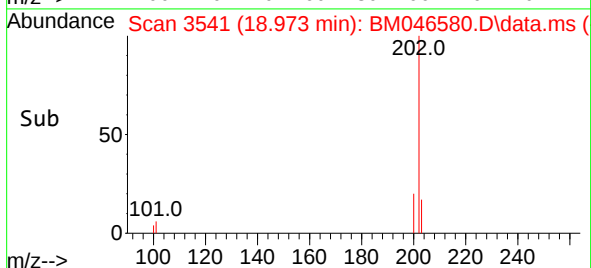
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

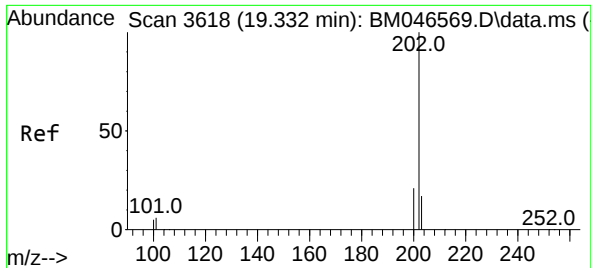


#19
 Fluoranthene
 Concen: 34.825 ng/u1
 RT: 18.973 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: BM046580.D
 Acq: 13 Jul 2024 13:15



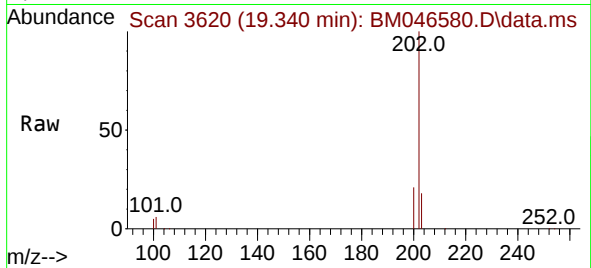
Tgt Ion:202 Resp: 1212873
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.6 6.8
 100 4.5 3.0 4.6





#20
Pyrene
Concen: 21.420 ng/u1
RT: 19.340 min Scan# 30
Delta R.T. 0.008 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

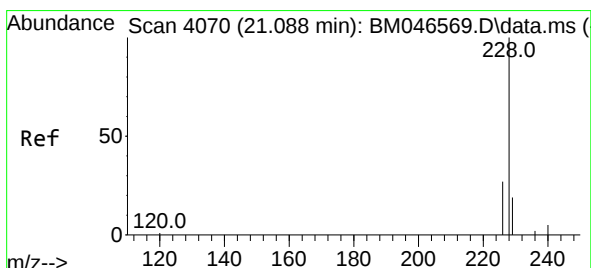
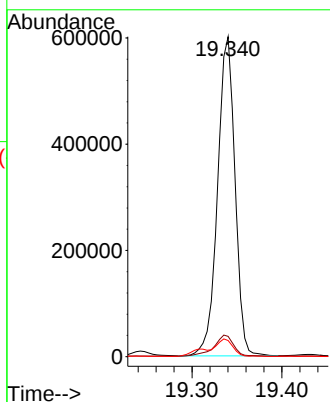
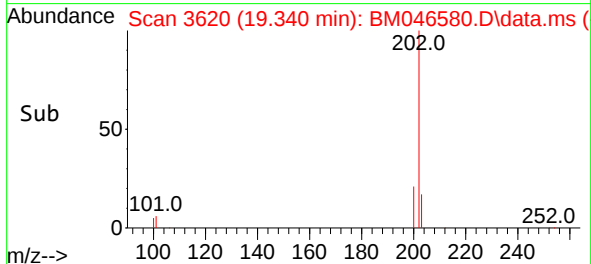
Instrument :
BNA_M
ClientSampleId :
A4D12



Tgt Ion:202 Resp: 80769
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.1 3.8 5.6

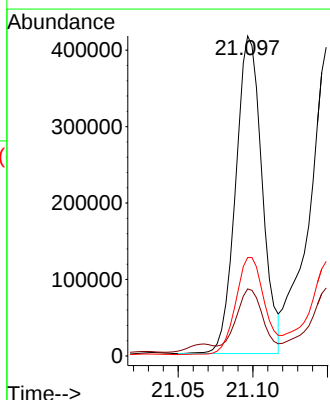
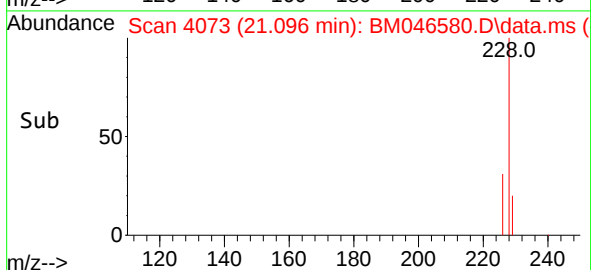
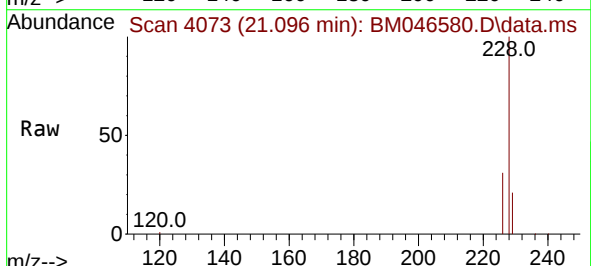
Manual Integrations
APPROVED

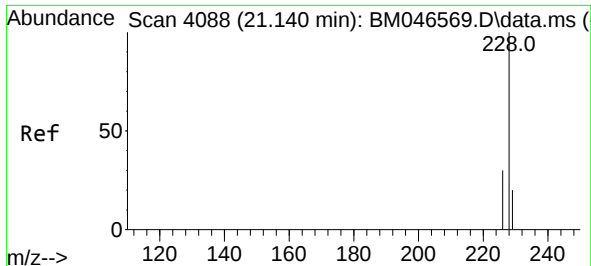
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 13.604 ng/u1
RT: 21.096 min Scan# 4073
Delta R.T. 0.009 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

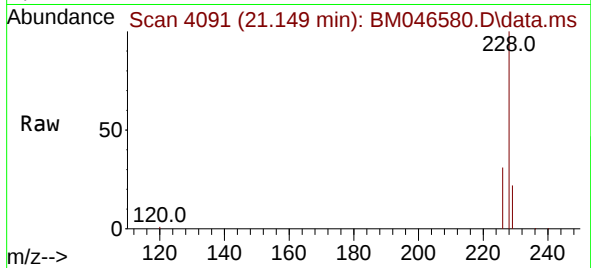
Tgt Ion:228 Resp: 510285
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 30.8 22.5 33.7





#22
Chrysene
Concen: 15.442 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. 0.009 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

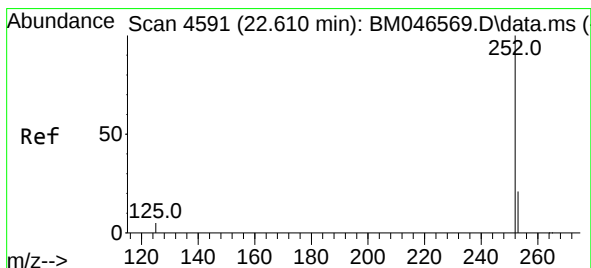
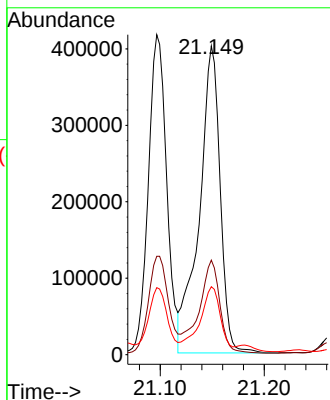
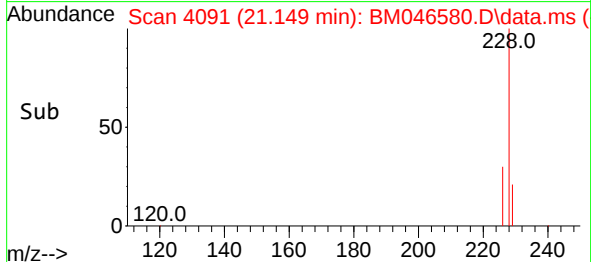
Instrument :
BNA_M
ClientSampleId :
A4D12



Tgt Ion:228 Resp: 560462
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.0 16.4 24.6

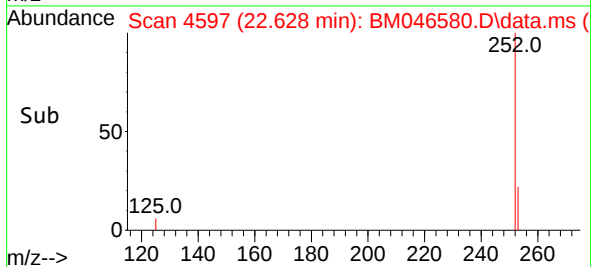
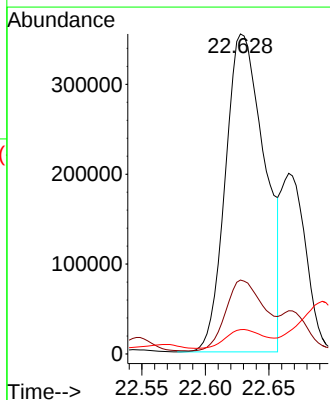
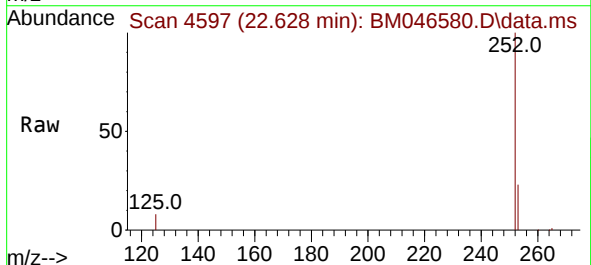
Manual Integrations
APPROVED

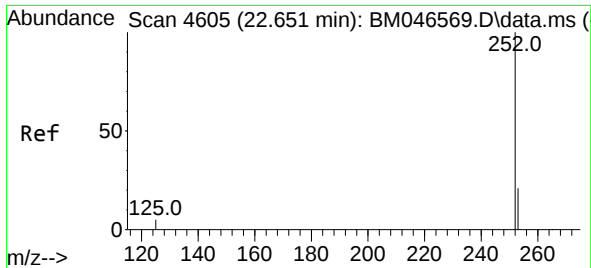
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 16.974 ng/ul m
RT: 22.628 min Scan# 4597
Delta R.T. 0.018 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

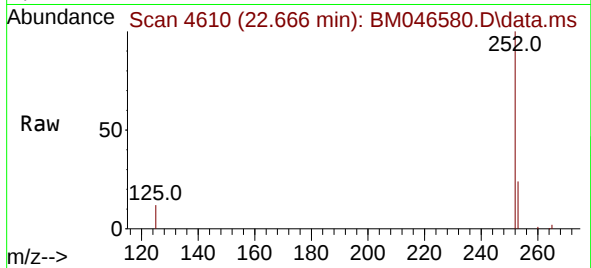
Tgt Ion:252 Resp: 762137
Ion Ratio Lower Upper
252 100
253 23.1 0.0 56.2
125 7.6 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 6.036 ng/ul m
RT: 22.666 min Scan# 4610
Delta R.T. 0.015 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

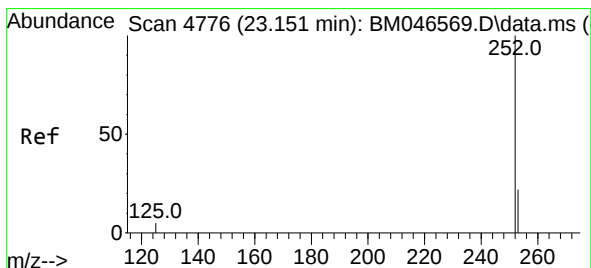
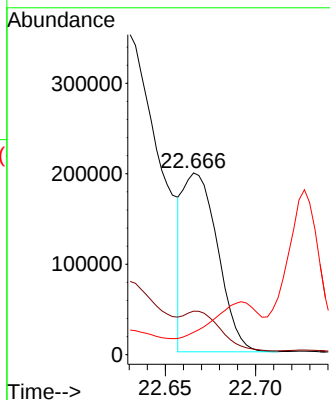
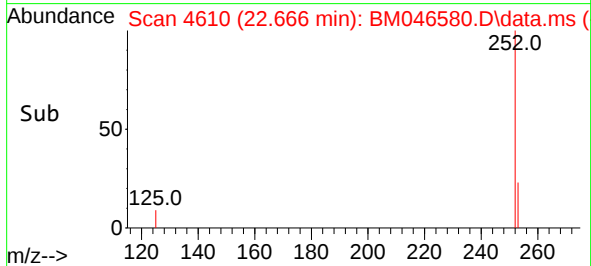
Instrument :
BNA_M
ClientSampleId :
A4D12



Tgt Ion:252 Resp: 26606
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 12.3 7.0 10.4

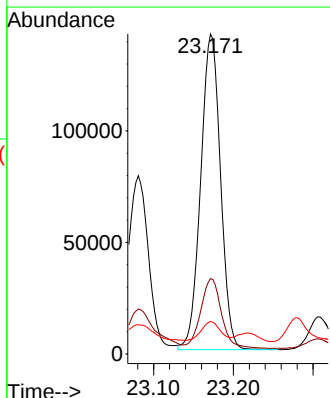
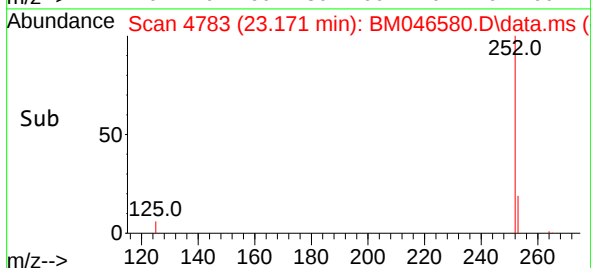
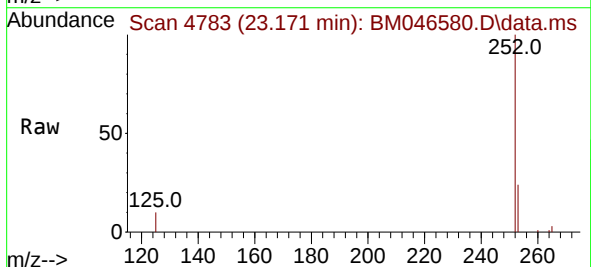
Manual Integrations
APPROVED

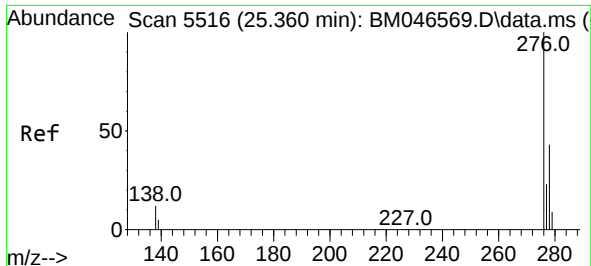
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 6.604 ng/ul
RT: 23.171 min Scan# 4783
Delta R.T. 0.020 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

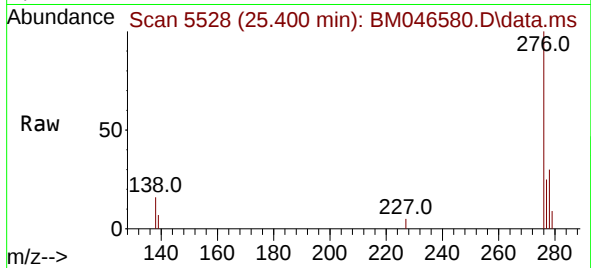
Tgt Ion:252 Resp: 244039
Ion Ratio Lower Upper
252 100
253 23.6 24.0 36.0#
125 10.2 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.649 ng/ul
RT: 25.400 min Scan# 5516
Delta R.T. 0.040 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

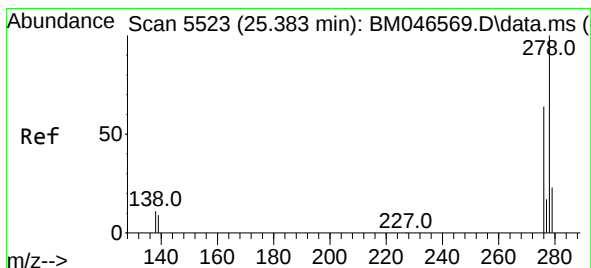
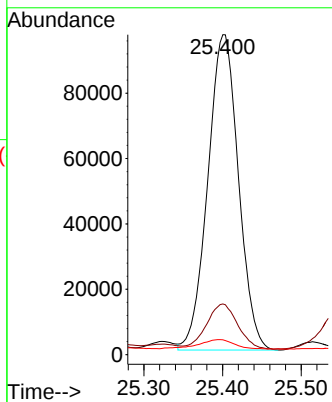
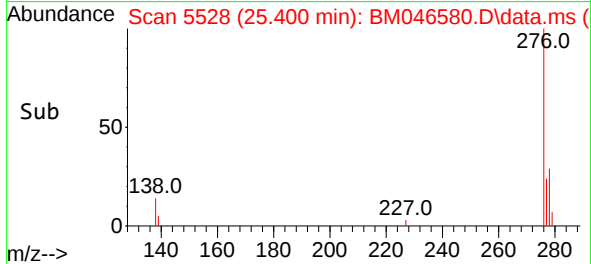
Instrument :
BNA_M
ClientSampleId :
A4D12



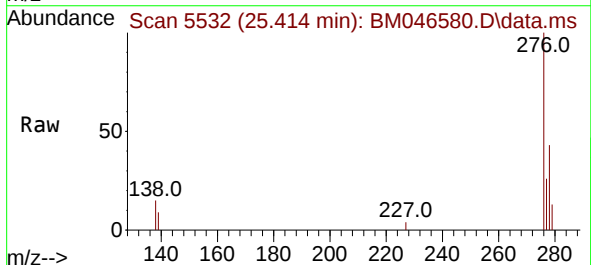
Tgt Ion: 276 Resp: 26142
Ion Ratio Lower Upper
276 100
138 14.5 0.0 0.0
227 3.6 0.2 0.2

Manual Integrations
APPROVED

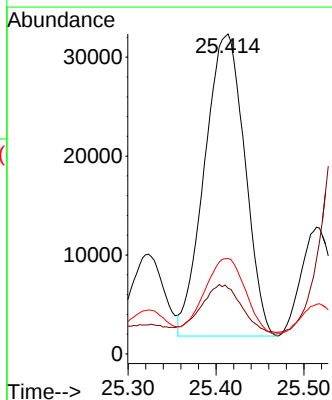
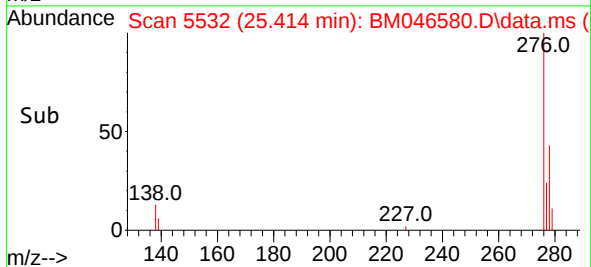
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

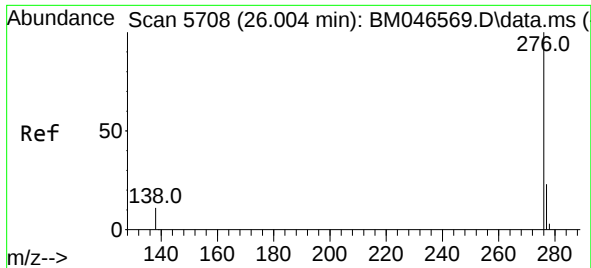


#28
Dibenzo(a,h)anthracene
Concen: 2.179 ng/ul
RT: 25.414 min Scan# 5532
Delta R.T. 0.030 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15



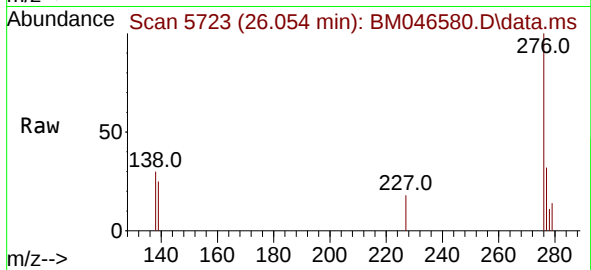
Tgt Ion: 278 Resp: 97012
Ion Ratio Lower Upper
278 100
139 20.6 9.1 13.7#
279 29.8 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.804 ng/ul
RT: 26.054 min Scan# 51
Delta R.T. 0.050 min
Lab File: BM046580.D
Acq: 13 Jul 2024 13:15

Instrument :
BNA_M
ClientSampleId :
A4D12



Tgt Ion:276 Resp: 3609
Ion Ratio Lower Upper
276 100
138 30.0 10.2 15.4
277 32.3 20.9 31.3

Manual Integrations
APPROVED

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

