

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046214.D
 Acq On : 23 Jun 2024 01:39
 Operator : MA/JU
 Sample : P2775-11DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C90DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 02:45:25 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 : Sun Jun 23 01:31:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2391	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.231	136	6680	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.075	164	4055	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.819	188	7881	0.400	ng/ul	-0.04
17) Chrysene-d12	21.009	240	6851	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	7969m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	1716	0.523	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.859	152	407	0.045	ng/ul	0.00
18) Fluoranthene-d10	18.843	212	917	0.045	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.281	128	1713	0.092	ng/ul#	76
7) 2-Methylnaphthalene	11.919	142	661	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.128	142	610	0.053	ng/ul	89
10) Acenaphthylene	13.797	152	5250	0.273	ng/ul	98
11) Acenaphthene	14.140	153	1273	0.092	ng/ul	98
12) Fluorene	15.134	166	1847	0.124	ng/ul#	98
15) Phenanthrene	16.857	178	27231	1.230	ng/ul	97
16) Anthracene	16.950	178	6831	0.414	ng/ul	96
19) Fluoranthene	18.875	202	42153	1.421	ng/ul	97
20) Pyrene	19.233	202	41784	1.302	ng/ul	99
21) Benzo(a)anthracene	20.994	228	18883	0.714	ng/ul	94
22) Chrysene	21.044	228	20455	0.606	ng/ul	97
24) Benzo(b)fluoranthene	22.484	252	30598m	1.066	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	11827m	0.346	ng/ul	
26) Benzo(a)pyrene	23.008	252	19875	0.747	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.145	276	17592	0.404	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.145	278	3984	0.123	ng/ul#	74
29) Benzo(g,h,i)perylene	25.766	276	18040	0.483	ng/ul	97

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

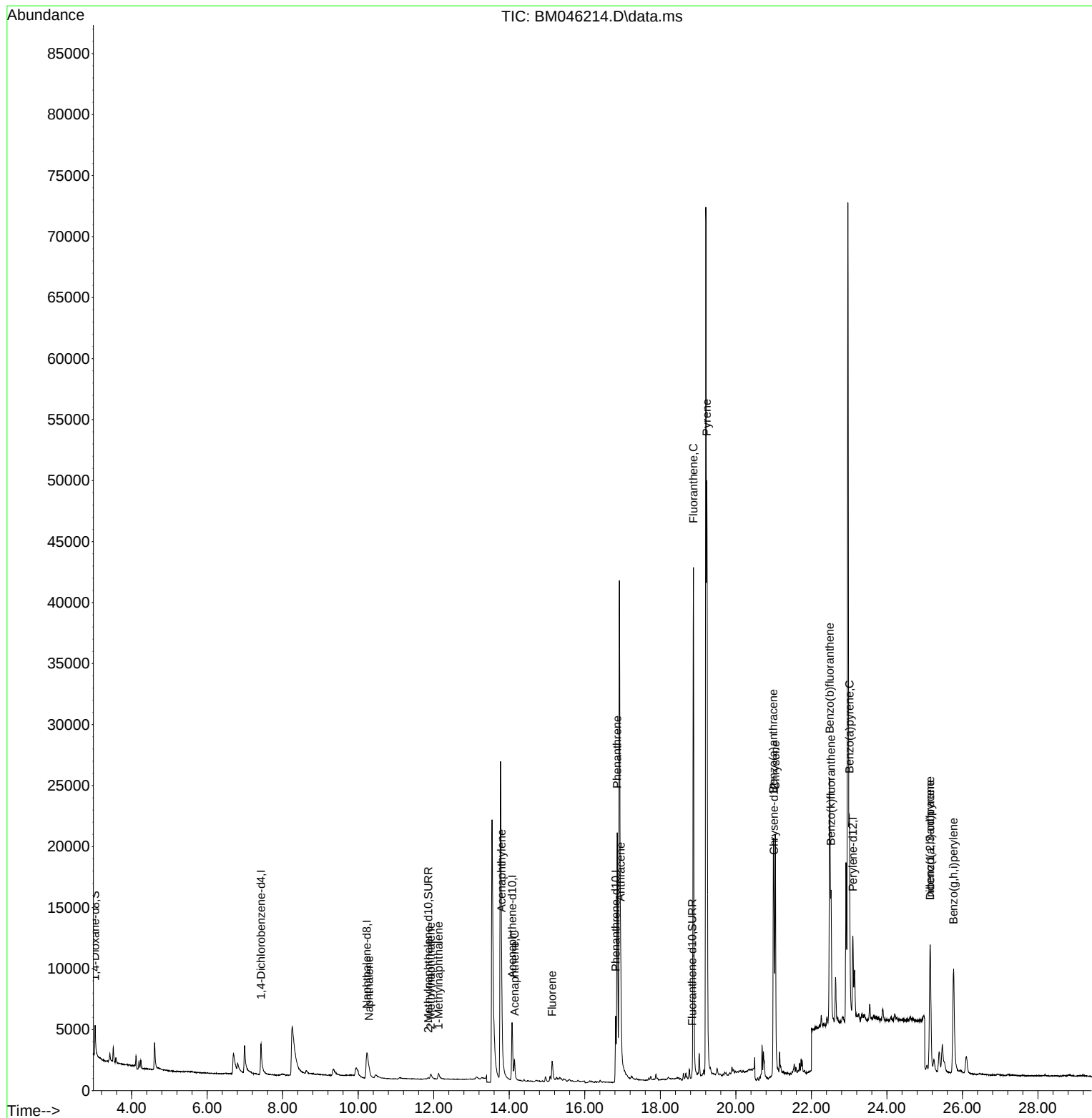
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046214.D
Acq On : 23 Jun 2024 01:39
Operator : MA/JU
Sample : P2775-11DL 5X
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ALS Vial : 28 Sample Multiplier: 1

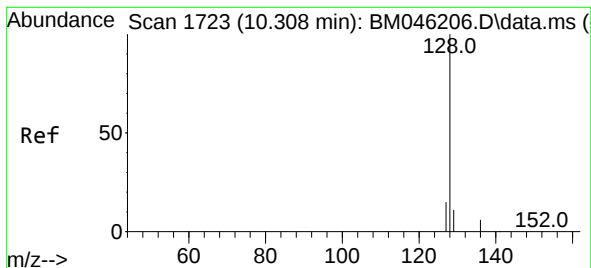
Instrument :
BNA_M
ClientSampleId :
A4C90DL

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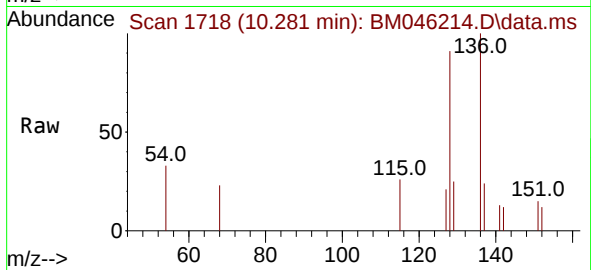
Quant Time: Jun 23 02:45:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

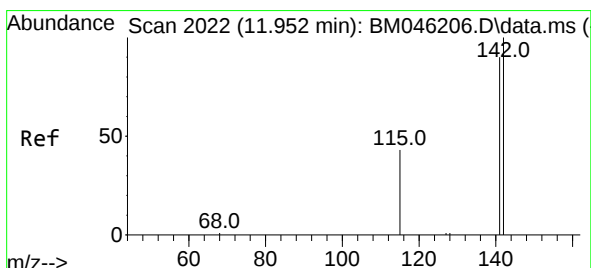
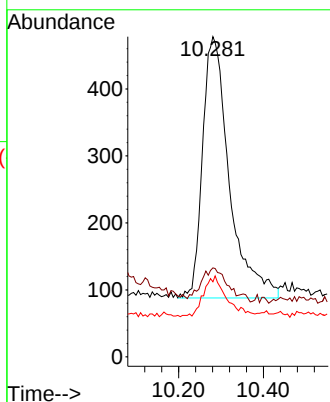
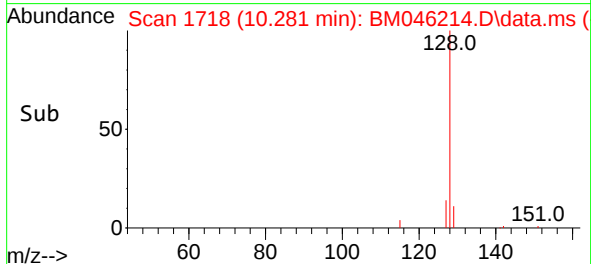
Instrument :
BNA_M
ClientSampleId :
A4C90DL



Tgt Ion:128 Resp: 1718
Ion Ratio Lower Upper
128 100
129 27.8 11.8 17.6
127 23.4 12.8 19.2

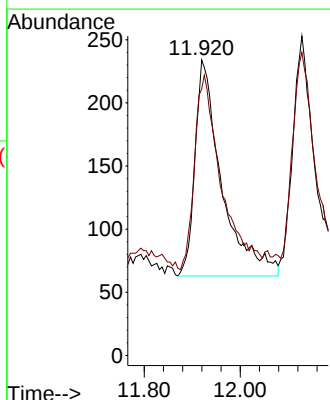
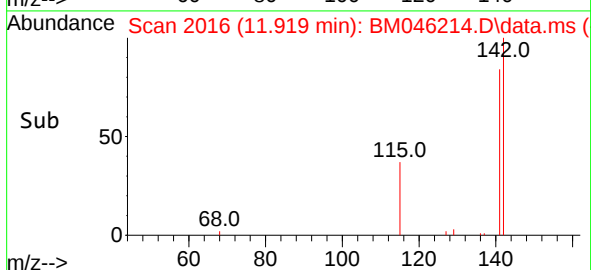
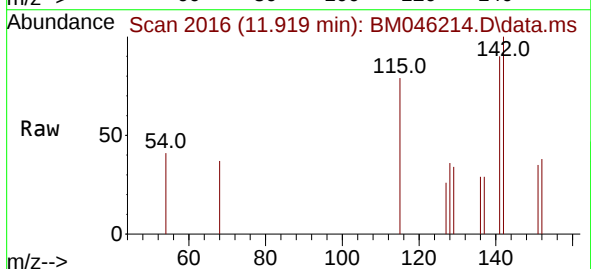
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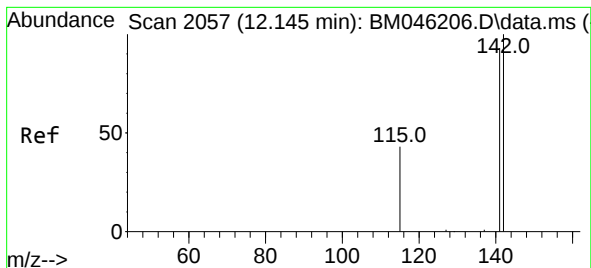
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.919 min Scan# 2016
Delta R.T. -0.028 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

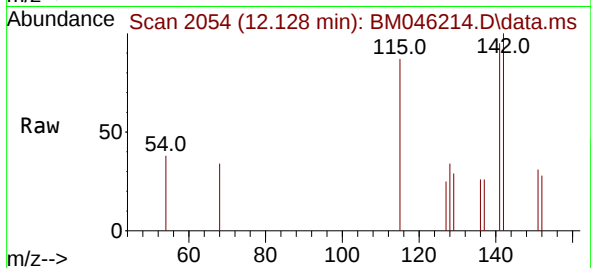
Tgt Ion:142 Resp: 661
Ion Ratio Lower Upper
142 100
141 89.4 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.053 ng/u1
RT: 12.128 min Scan# 2054
Delta R.T. -0.022 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

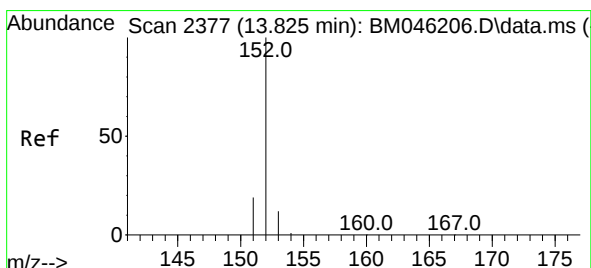
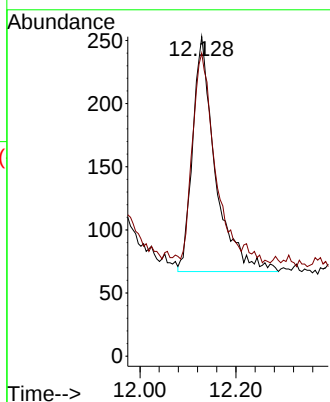
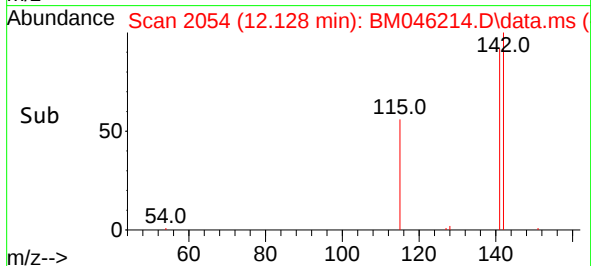
Instrument :
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ClientSampleId :
A4C90DL



Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
141 83.3 75.2 112.8

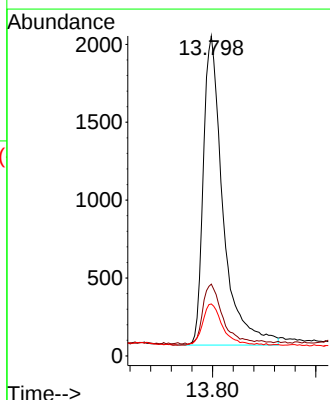
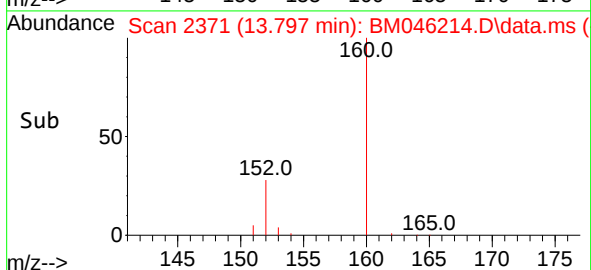
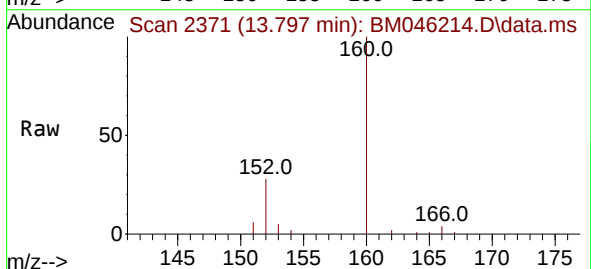
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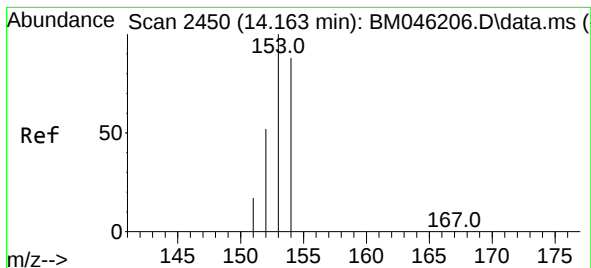
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.273 ng/u1
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

Tgt Ion:152 Resp: 5250
Ion Ratio Lower Upper
152 100
151 22.4 17.4 26.2
153 16.2 11.8 17.8





#11

Acenaphthene

Concen: 0.092 ng/u1

RT: 14.140 min Scan# 2450

Delta R.T. -0.032 min

Lab File: BM046214.D

Acq: 23 Jun 2024 01:39

Instrument :

BNA_M

ClientSampleId :

A4C90DL

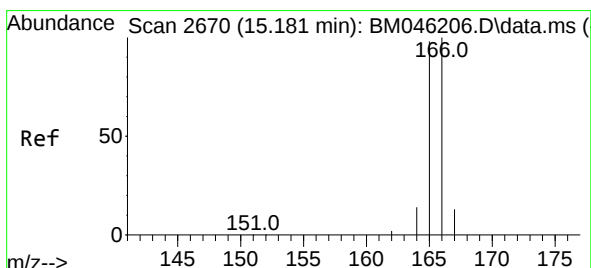
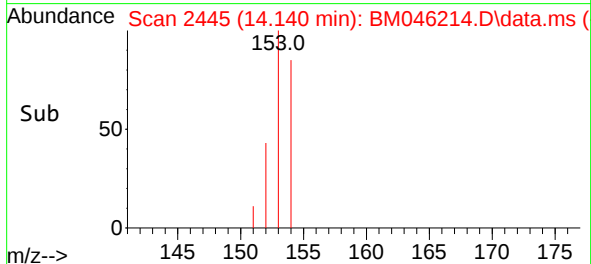
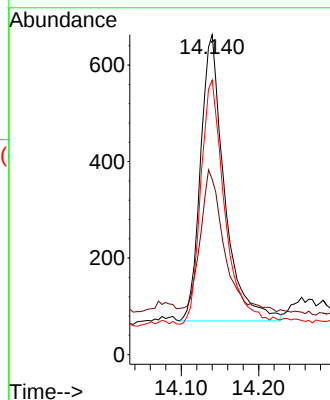
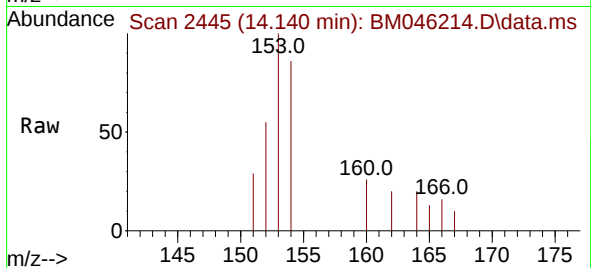
Tgt Ion:	153	Resp:	127
Ion Ratio	Lower	Upper	
153	100		
152	54.8	41.3	61.9
154	85.8	68.2	102.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#12

Fluorene

Concen: 0.124 ng/u1

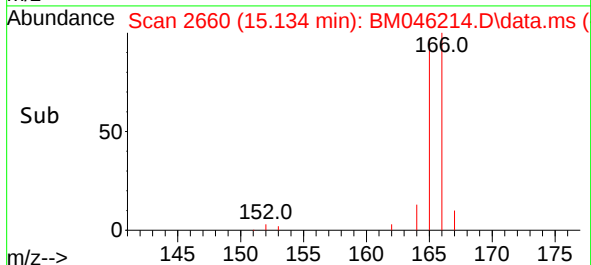
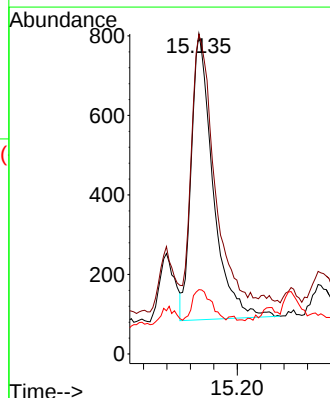
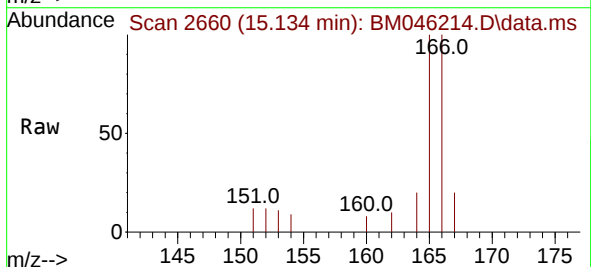
RT: 15.134 min Scan# 2660

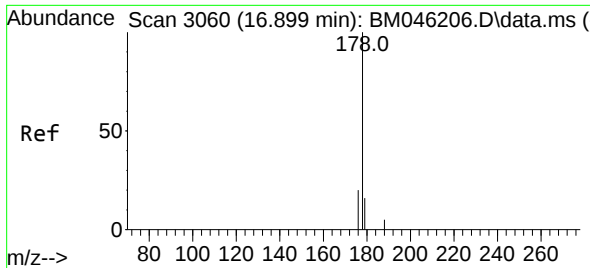
Delta R.T. -0.046 min

Lab File: BM046214.D

Acq: 23 Jun 2024 01:39

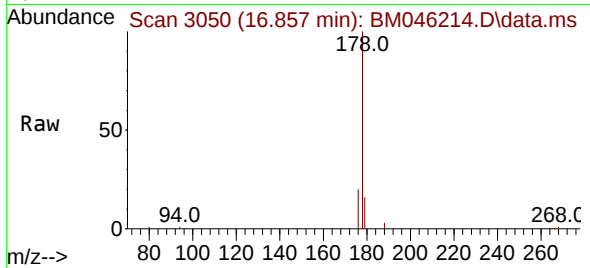
Tgt Ion:	166	Resp:	1847
Ion Ratio	Lower	Upper	
166	100		
165	99.9	80.4	120.6
167	20.1	12.4	18.6





#15
Phenanthrene
Concen: 1.230 ng/ul
RT: 16.857 min Scan# 3072
Delta R.T. -0.047 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

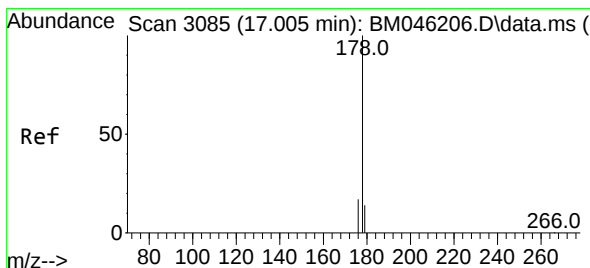
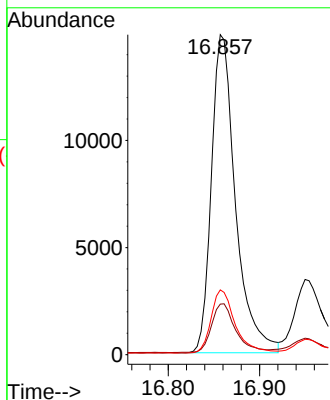
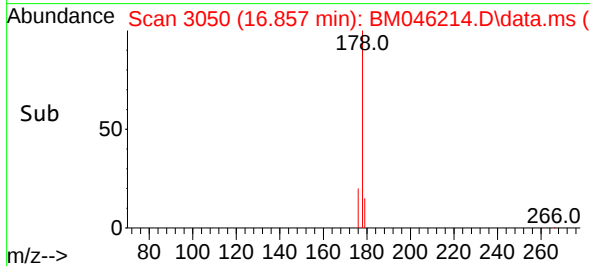
Instrument :
BNA_M
ClientSampleId :
A4C90DL



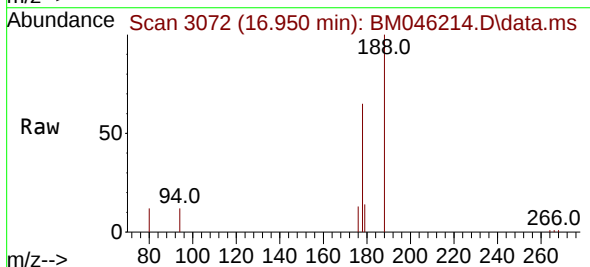
Tgt Ion:178 Resp: 2723
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 20.3 17.1 25.7

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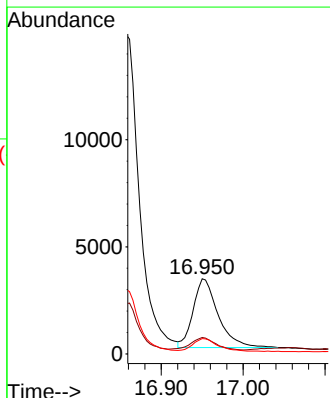
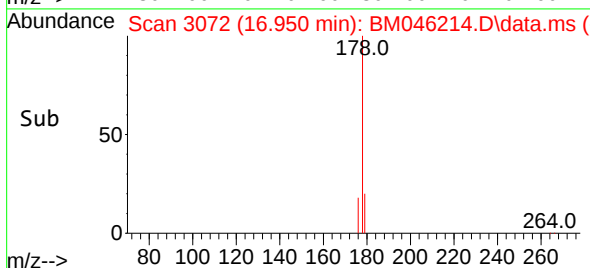
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

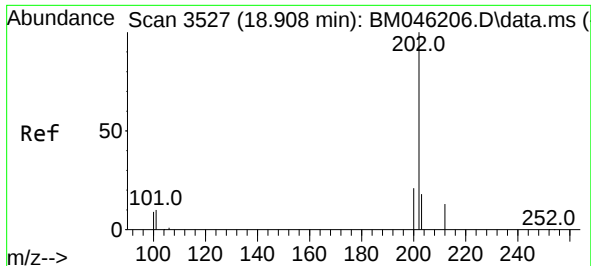


#16
Anthracene
Concen: 0.414 ng/ul
RT: 16.950 min Scan# 3072
Delta R.T. -0.055 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39



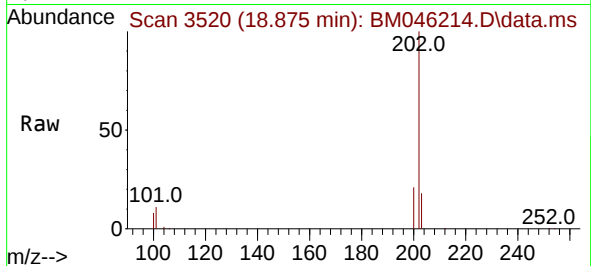
Tgt Ion:178 Resp: 6831
Ion Ratio Lower Upper
178 100
179 21.9 14.9 22.3
176 20.5 17.0 25.4





#19
Fluoranthene
Concen: 1.421 ng/ul
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

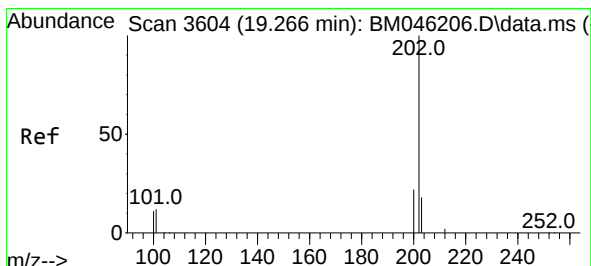
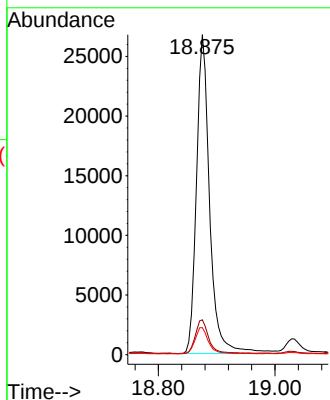
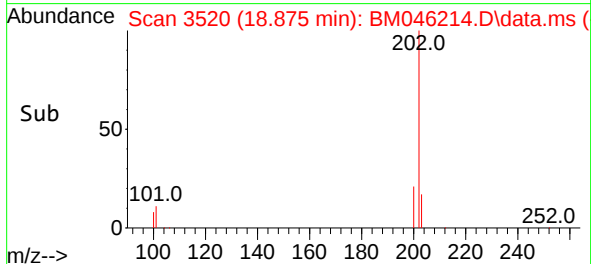
Instrument :
BNA_M
ClientSampleId :
A4C90DL



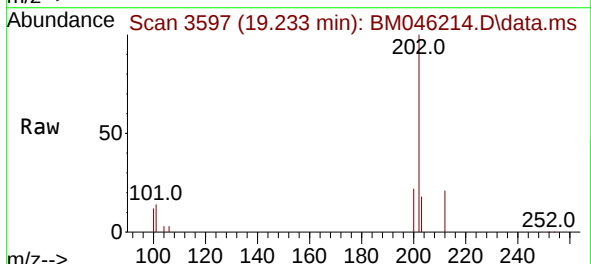
Tgt Ion:202 Resp: 4215
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.5 7.6 11.4

Manual Integrations
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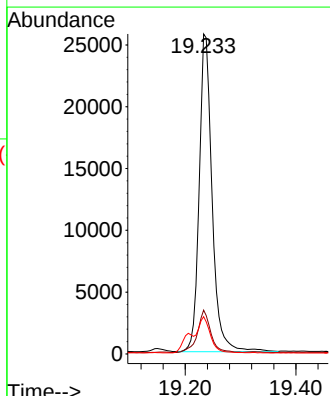
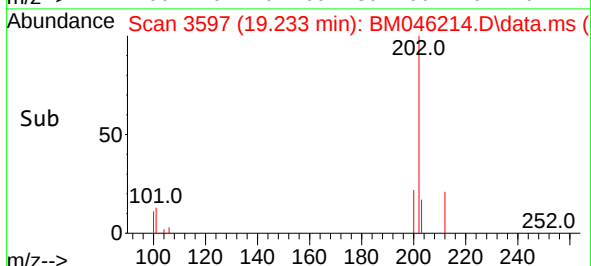
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

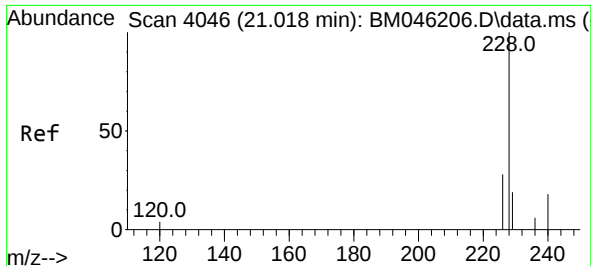


#20
Pyrene
Concen: 1.302 ng/ul
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39



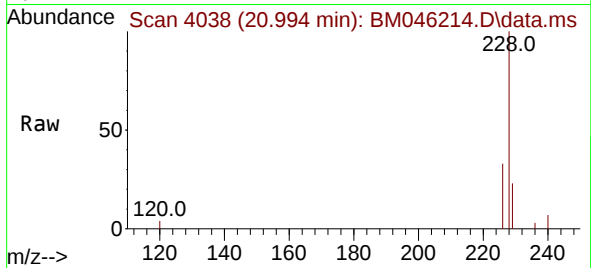
Tgt Ion:202 Resp: 41784
Ion Ratio Lower Upper
202 100
101 13.7 11.3 16.9
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.714 ng/ul
RT: 20.994 min Scan# 4038
Delta R.T. -0.035 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

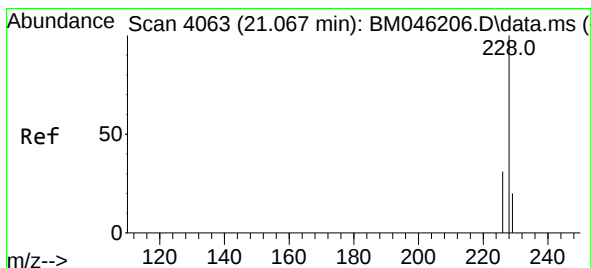
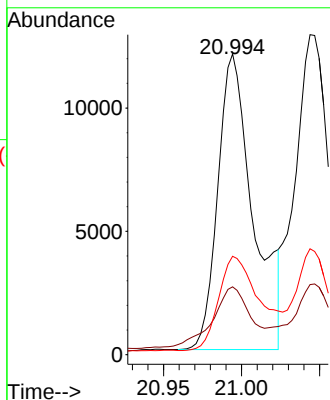
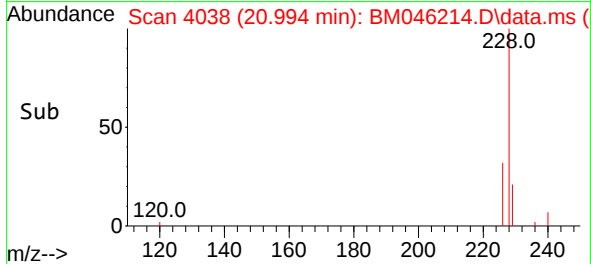
Instrument :
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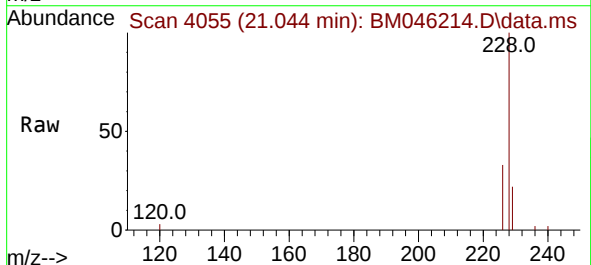
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Ion Ratio Lower Upper
228 100
229 22.6 16.4 24.6
226 32.7 23.4 35.2

Manual Integrations
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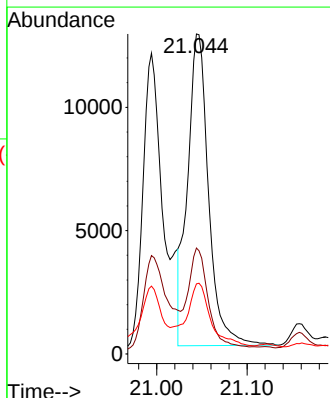
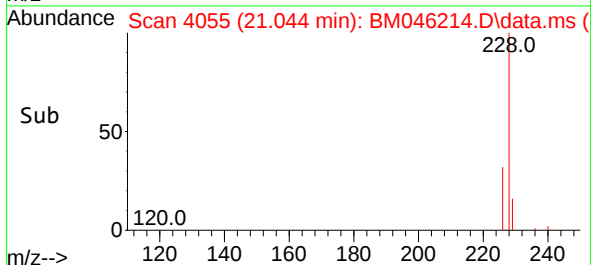
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

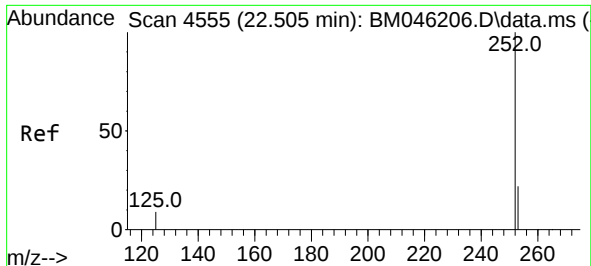


#22
Chrysene
Concen: 0.606 ng/ul
RT: 21.044 min Scan# 4055
Delta R.T. -0.032 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39



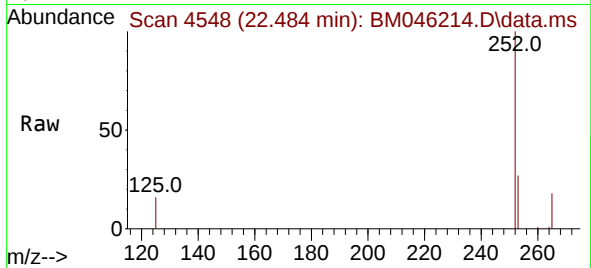
Tgt Ion:228 Resp: 20455
Ion Ratio Lower Upper
228 100
226 33.1 25.2 37.8
229 21.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.066 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.035 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

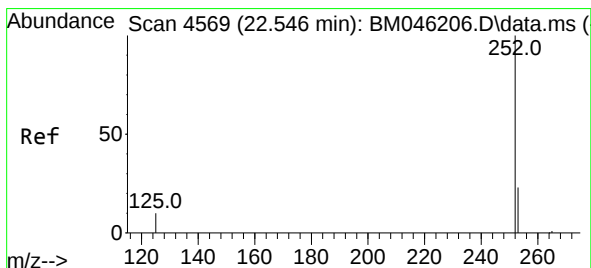
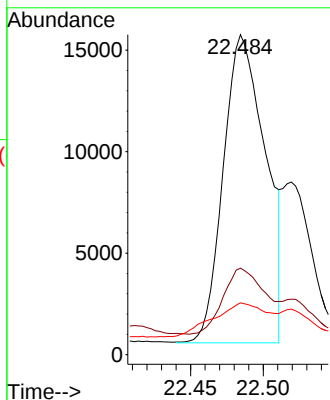
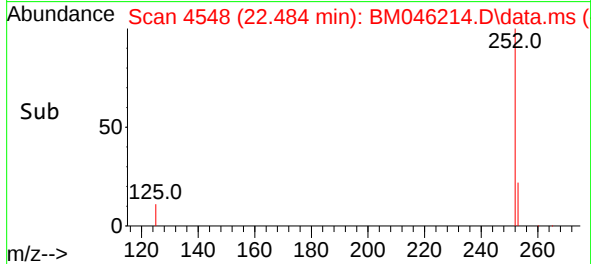
Instrument :
BNA_M
ClientSampleId :
A4C90DL



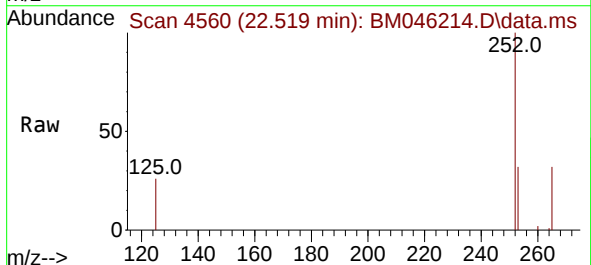
Tgt Ion:252 Resp: 30598
Ion Ratio Lower Upper
252 100
253 27.0 0.0 65.8
125 16.2 0.0 40.2

Manual Integrations
APPROVED

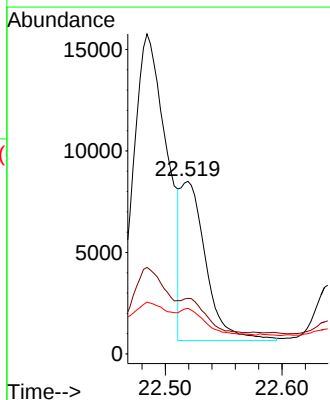
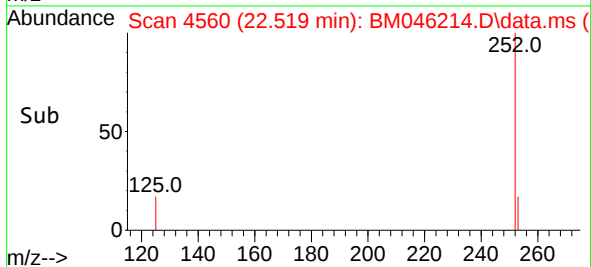
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

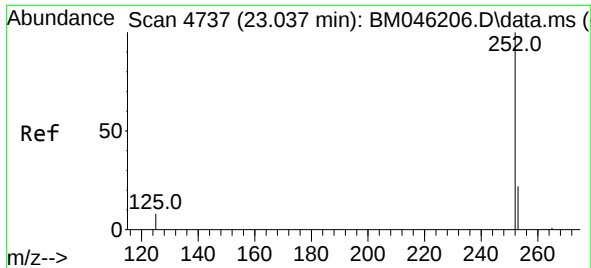


#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.044 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39



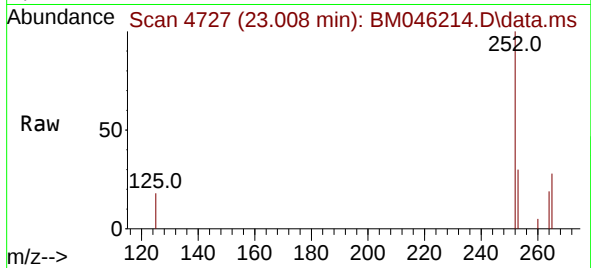
Tgt Ion:252 Resp: 11827
Ion Ratio Lower Upper
252 100
253 32.2 27.2 40.8
125 26.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.747 ng/ul
RT: 23.008 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

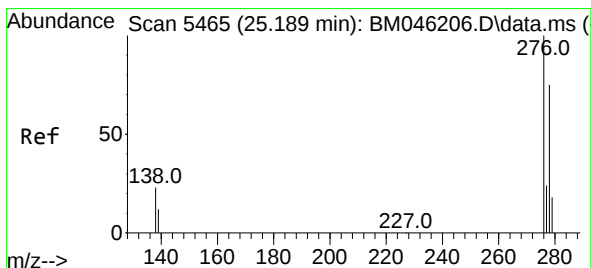
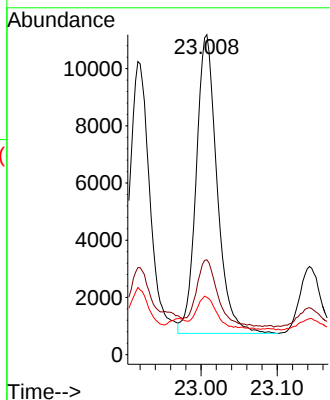
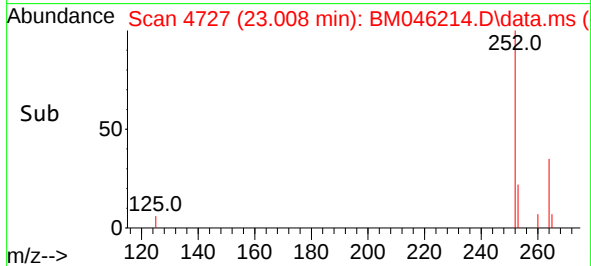
Instrument :
BNA_M
ClientSampleId :
A4C90DL



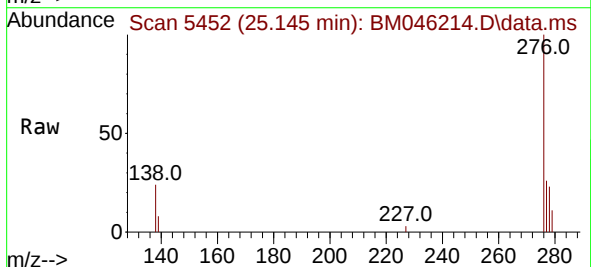
Tgt Ion:252 Resp: 1987
Ion Ratio Lower Upper
252 100
253 29.7 32.1 48.1
125 17.9 21.2 31.8

Manual Integrations
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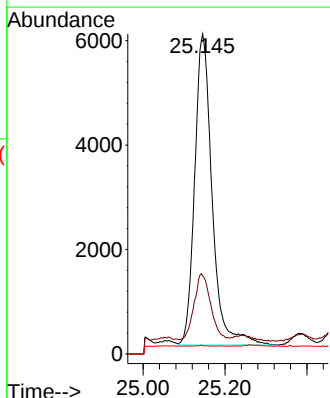
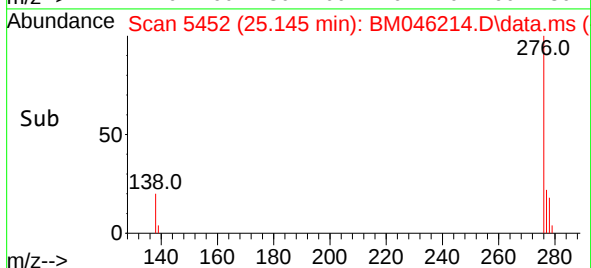
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

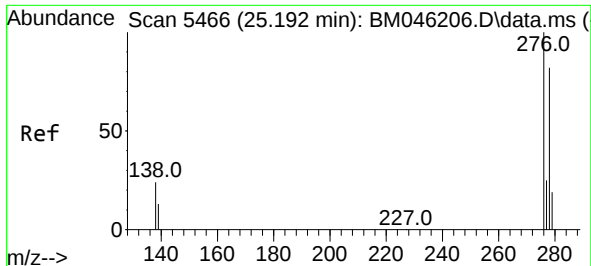


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.057 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39



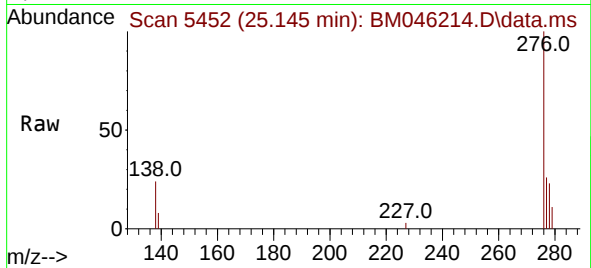
Tgt Ion:276 Resp: 17592
Ion Ratio Lower Upper
276 100
138 20.7 21.0 31.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 25.145 min Scan# 5466
Delta R.T. -0.070 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39

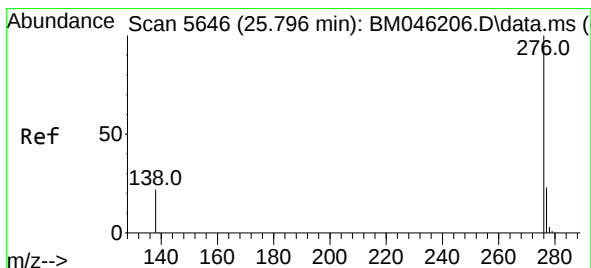
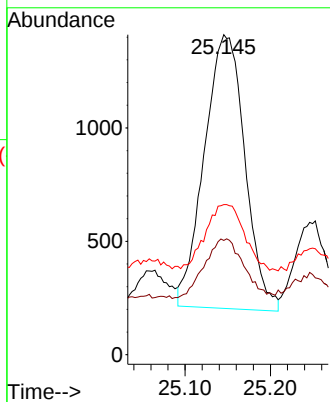
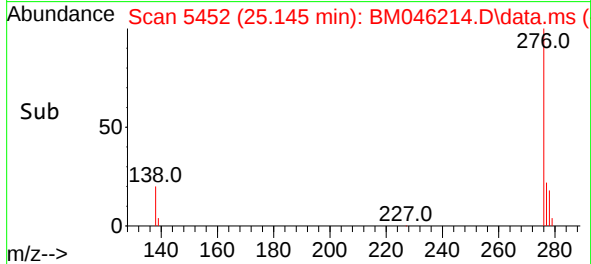
Instrument :
BNA_M
ClientSampleId :
A4C90DL



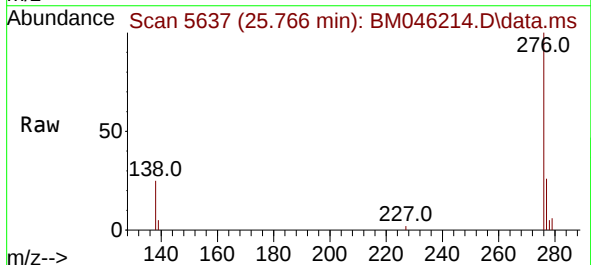
Tgt Ion:278 Resp: 3984
Ion Ratio Lower Upper
278 100
139 35.7 17.6 26.4
279 46.9 26.3 39.5

Manual Integrations
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.483 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046214.D
Acq: 23 Jun 2024 01:39



Tgt Ion:276 Resp: 18040
Ion Ratio Lower Upper
276 100
138 24.7 21.7 32.5
277 25.6 20.4 30.6

