

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046215.D
 Acq On : 23 Jun 2024 02:16
 Operator : MA/JU
 Sample : P2775-12DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C93DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:47:41 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	7.421	152	2555	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.215	136	7387	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.066	164	4336	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.811	188	8967	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	7763	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	9236m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2818	0.804	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.837	152	589	0.059	ng/ul	-0.03
18) Fluoranthene-d10	18.838	212	1399	0.060	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.264	128	3157	0.153	ng/ul#	92
7) 2-Methylnaphthalene	11.909	142	1180	0.102	ng/ul	95
8) 1-Methylnaphthalene	12.112	142	926	0.073	ng/ul	100
10) Acenaphthylene	13.788	152	7422	0.361	ng/ul	98
11) Acenaphthene	14.131	153	2052	0.138	ng/ul	98
12) Fluorene	15.125	166	2545	0.160	ng/ul#	96
15) Phenanthrene	16.849	178	59481	2.361	ng/ul	95
16) Anthracene	16.946	178	12534	0.668	ng/ul	98
19) Fluoranthene	18.866	202	121919	3.627	ng/ul	98
20) Pyrene	19.233	202	94641	2.604	ng/ul	94
21) Benzo(a)anthracene	20.988	228	59270	1.977	ng/ul	99
22) Chrysene	21.041	228	58622	1.532	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	87733m	2.637	ng/ul	
25) Benzo(k)fluoranthene	22.514	252	34257m	0.866	ng/ul	
26) Benzo(a)pyrene	23.002	252	31998	1.038	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.135	276	34128	0.676	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.139	278	10964	0.292	ng/ul#	94
29) Benzo(g,h,i)perylene	25.759	276	4756	0.110	ng/ul#	82

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

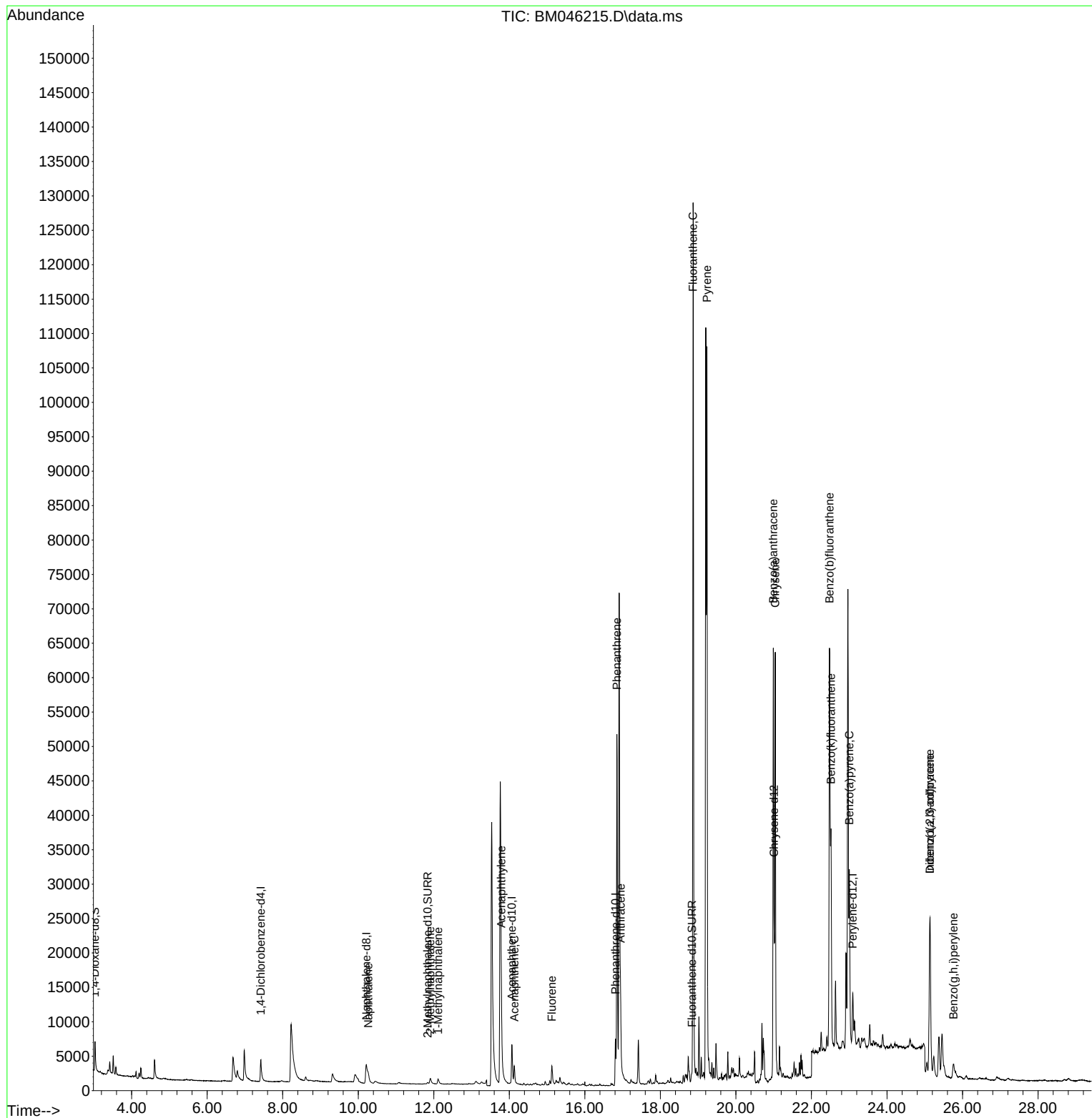
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046215.D
Acq On : 23 Jun 2024 02:16
Operator : MA/JU
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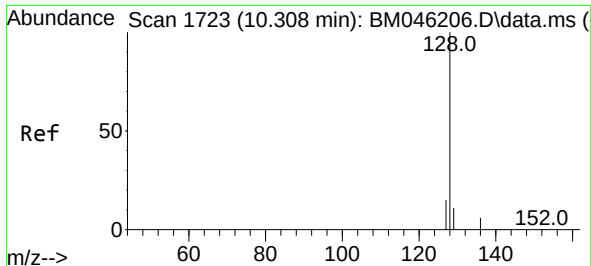
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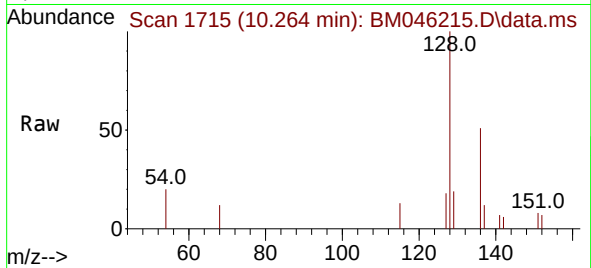
Quant Time: Jun 23 02:47:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.264 min Scan# 1715
Delta R.T. -0.039 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

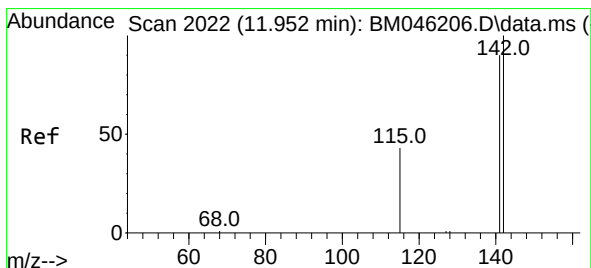
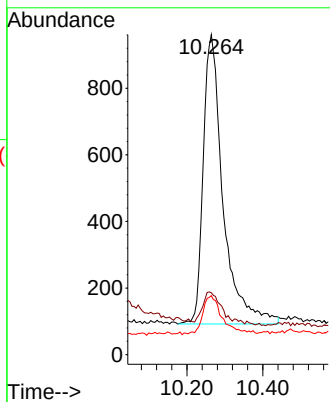
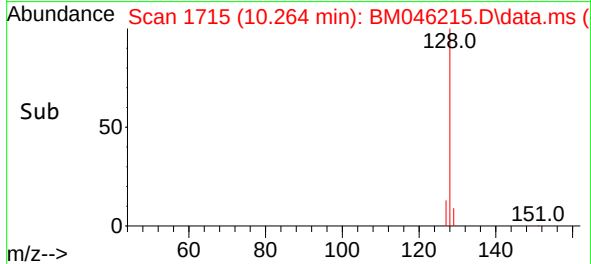
Instrument :
BNA_M
ClientSampleId :
A4C93DL



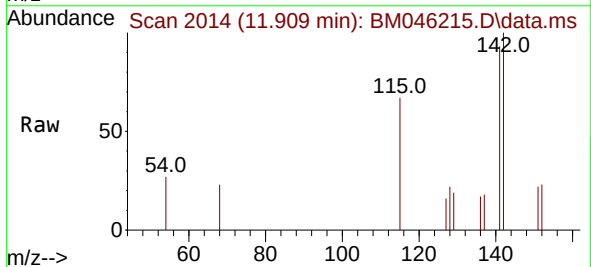
Tgt Ion:128 Resp: 315
Ion Ratio Lower Upper
128 100
129 19.4 11.8 17.6
127 18.4 12.8 19.2

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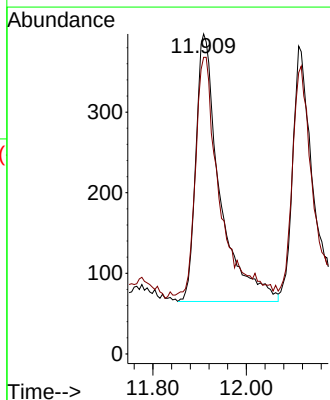
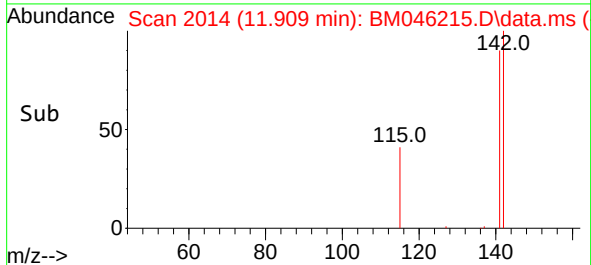
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

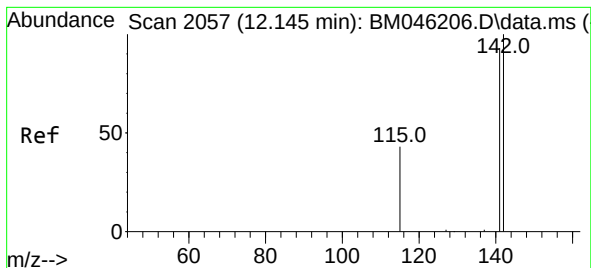


#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 11.909 min Scan# 2014
Delta R.T. -0.039 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16



Tgt Ion:142 Resp: 1180
Ion Ratio Lower Upper
142 100
141 88.0 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.073 ng/ul

RT: 12.112 min Scan# 2051

Delta R.T. -0.039 min

Lab File: BM046215.D

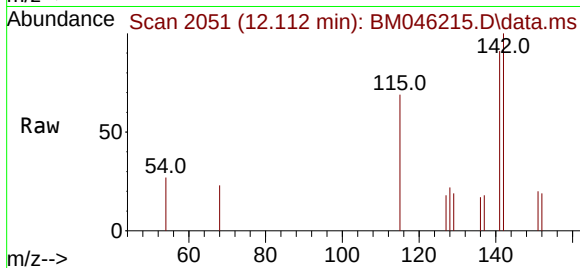
Acq: 23 Jun 2024 02:16

Instrument :

BNA_M

ClientSampleId :

A4C93DL



Tgt Ion:142 Resp: 920

Ion Ratio Lower Upper

142 100

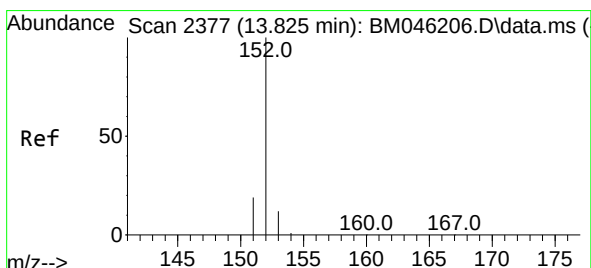
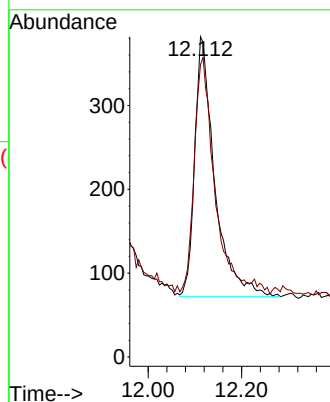
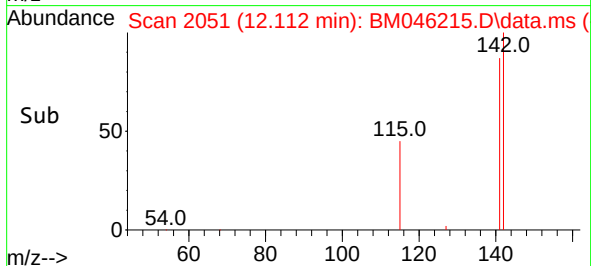
141 94.4 75.2 112.8

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#10

Acenaphthylene

Concen: 0.361 ng/ul

RT: 13.788 min Scan# 2369

Delta R.T. -0.046 min

Lab File: BM046215.D

Acq: 23 Jun 2024 02:16

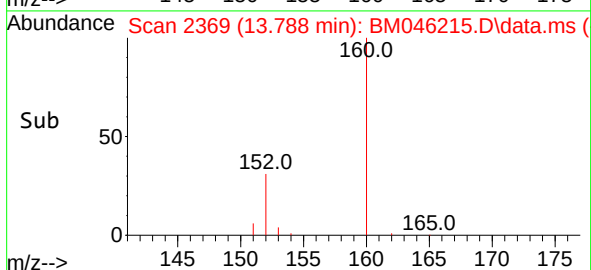
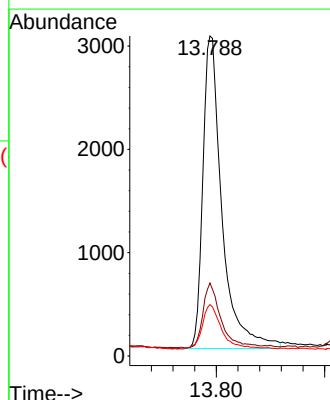
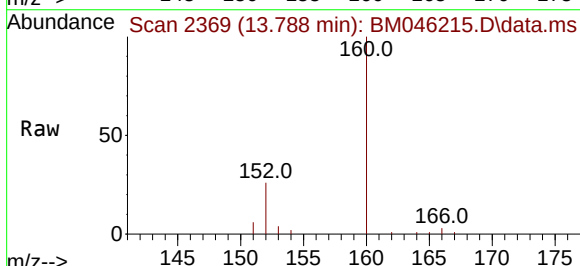
Tgt Ion:152 Resp: 7422

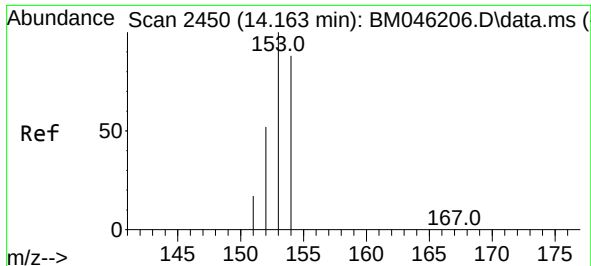
Ion Ratio Lower Upper

152 100

151 22.8 17.4 26.2

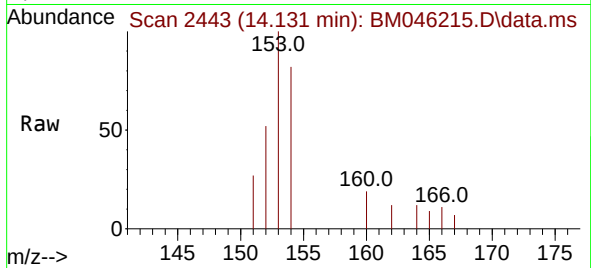
153 16.1 11.8 17.8





#11
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

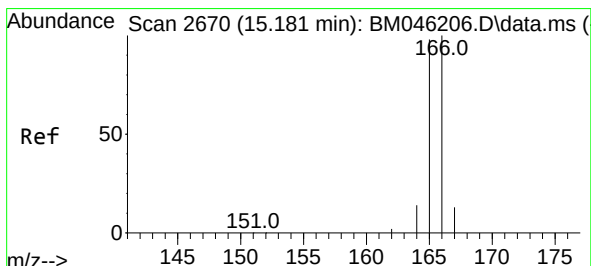
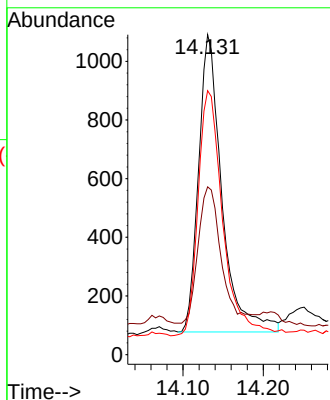
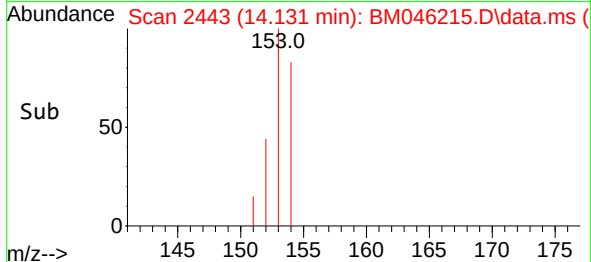
Instrument :
BNA_M
ClientSampleId :
A4C93DL



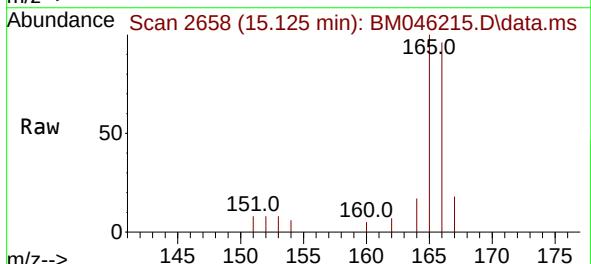
Tgt Ion:153 Resp: 2052
Ion Ratio Lower Upper
153 100
152 52.4 41.3 61.9
154 82.5 68.2 102.4

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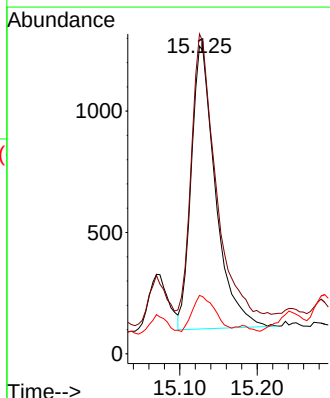
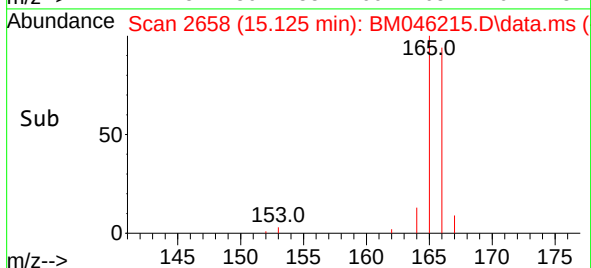
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

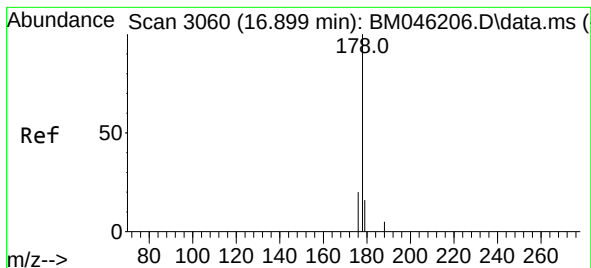


#12
Fluorene
Concen: 0.160 ng/ul
RT: 15.125 min Scan# 2658
Delta R.T. -0.056 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16



Tgt Ion:166 Resp: 2545
Ion Ratio Lower Upper
166 100
165 103.9 80.4 120.6
167 19.0 12.4 18.6#





#15

Phenanthrene

Concen: 2.361 ng/uI

RT: 16.849 min Scan# 3060

Delta R.T. -0.055 min

Lab File: BM046215.D

Acq: 23 Jun 2024 02:16

Instrument :

BNA_M

ClientSampleId :

A4C93DL

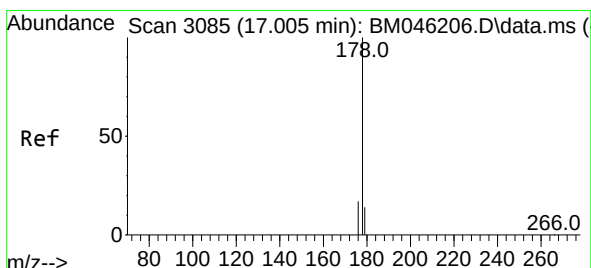
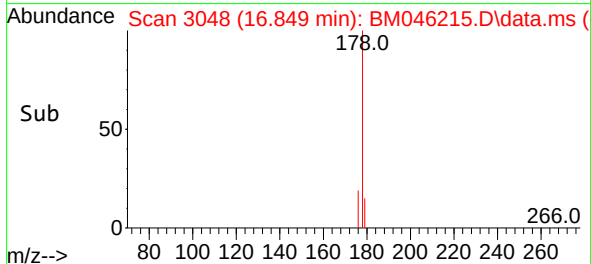
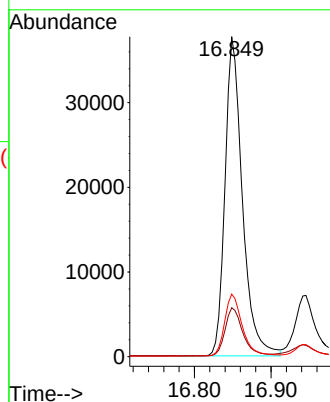
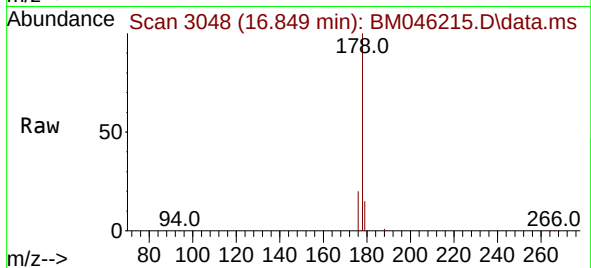
Tgt Ion:178	Resp:	5948
Ion Ratio	Lower	Upper
178	100	
179	15.3	14.2 21.2
176	19.6	17.1 25.7

Manual Integrations

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#16

Anthracene

Concen: 0.668 ng/uI

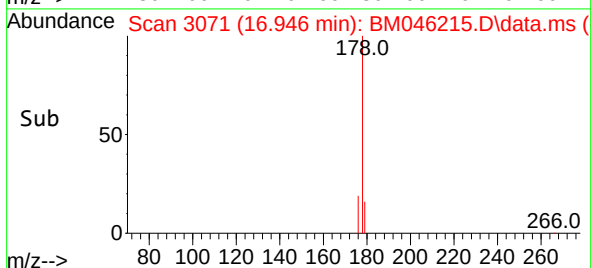
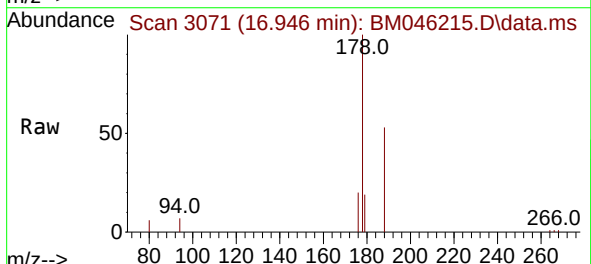
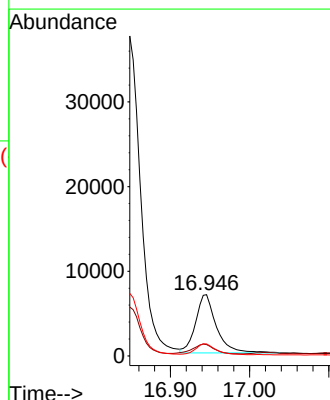
RT: 16.946 min Scan# 3071

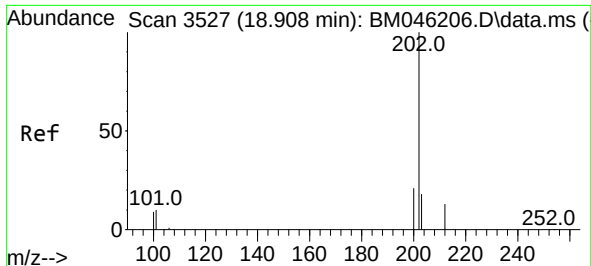
Delta R.T. -0.059 min

Lab File: BM046215.D

Acq: 23 Jun 2024 02:16

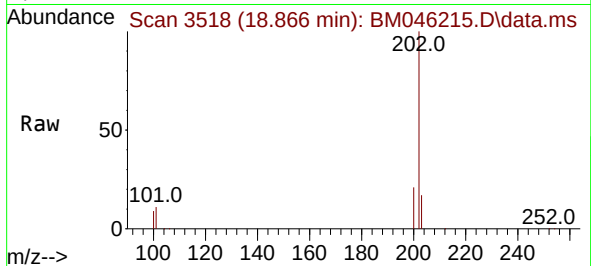
Tgt Ion:178	Resp:	12534
Ion Ratio	Lower	Upper
178	100	
179	18.7	14.9 22.3
176	19.7	17.0 25.4





#19
Fluoranthene
Concen: 3.627 ng/u1
RT: 18.866 min Scan# 3518
Delta R.T. -0.051 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

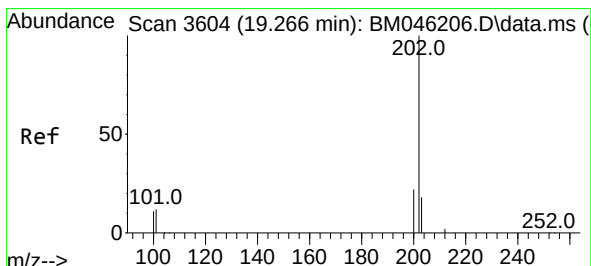
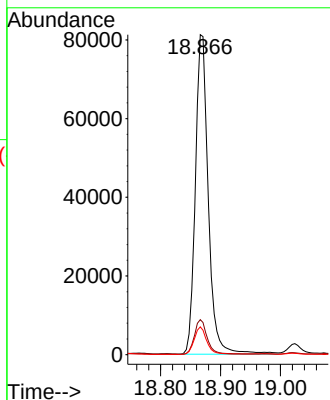
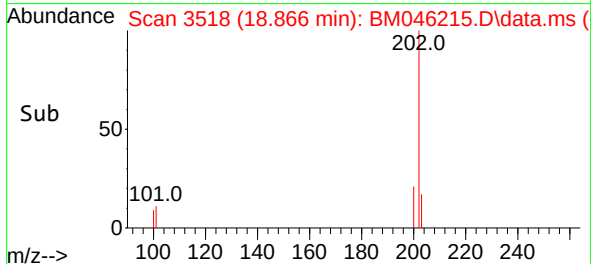
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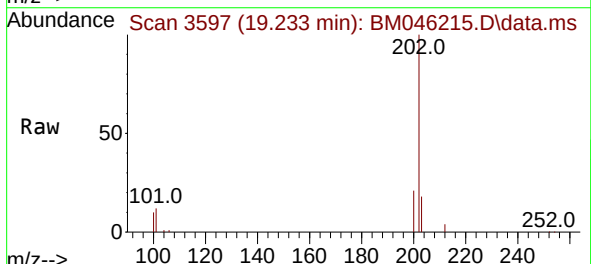
Tgt Ion:202 Resp: 121919
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.7 7.6 11.4

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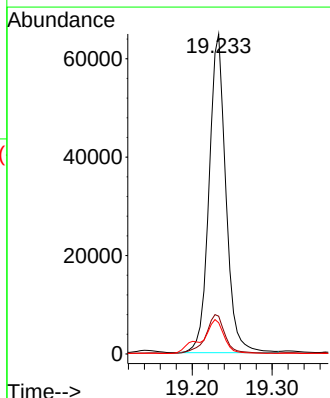
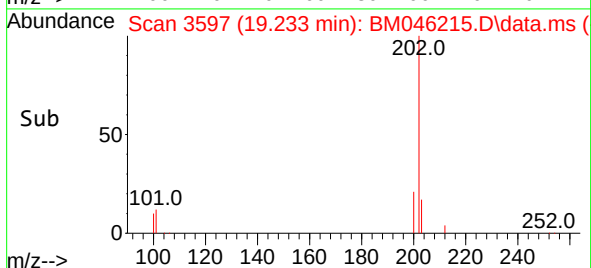
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

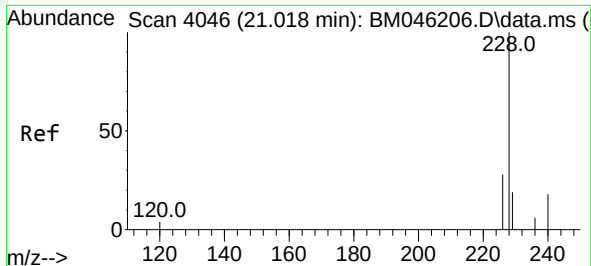


#20
Pyrene
Concen: 2.604 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16



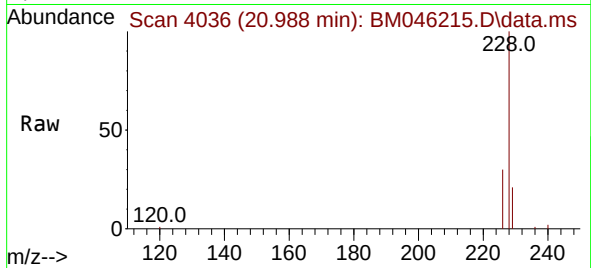
Tgt Ion:202 Resp: 94641
Ion Ratio Lower Upper
202 100
101 11.8 11.3 16.9
100 9.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.977 ng/ul
RT: 20.988 min Scan# 4046
Delta R.T. -0.041 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

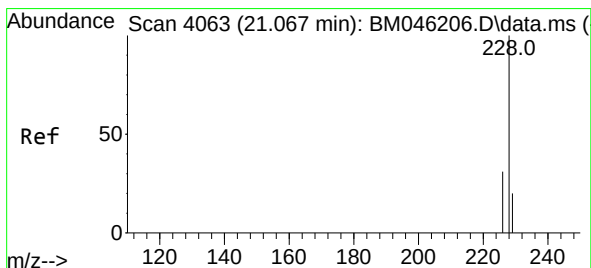
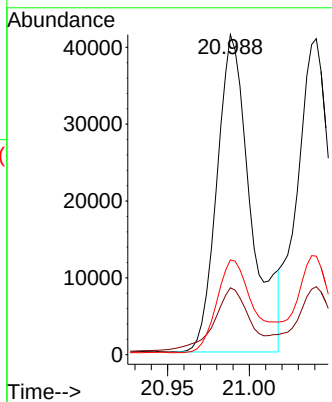
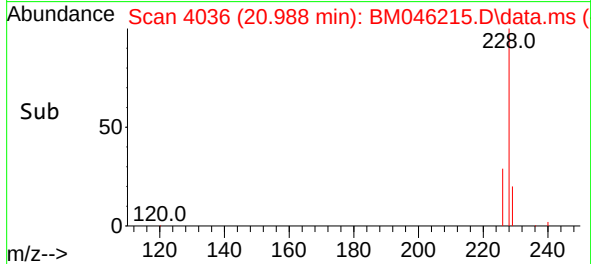
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 59270
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 29.6 23.4 35.2

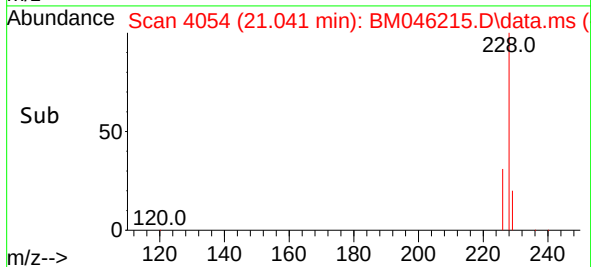
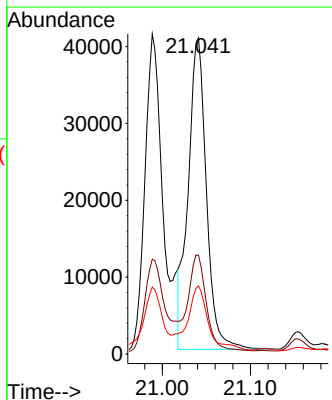
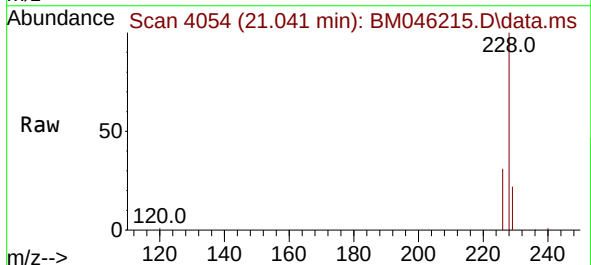
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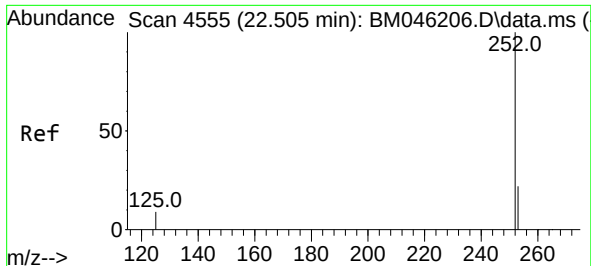
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 1.532 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

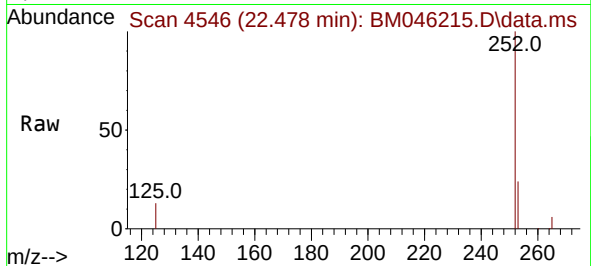
Tgt Ion:228 Resp: 58622
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.637 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

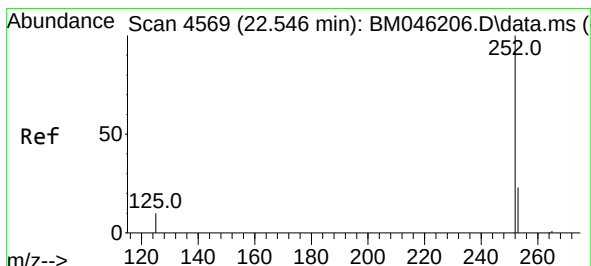
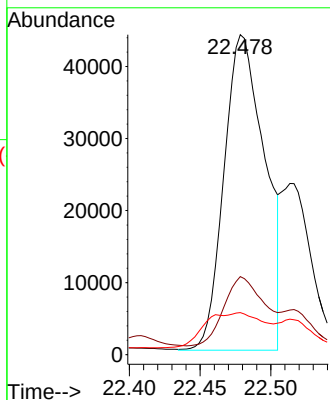
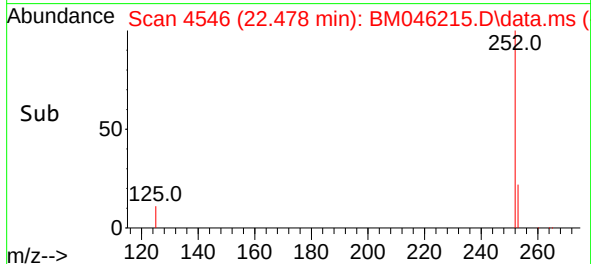
Instrument :
BNA_M
ClientSampleId :
A4C93DL



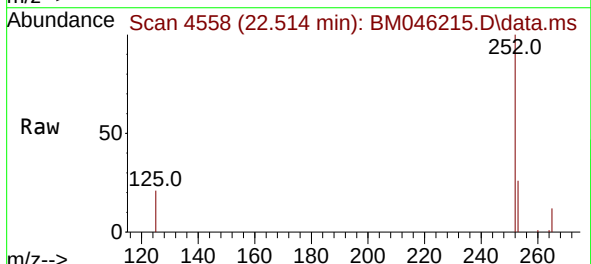
Tgt Ion:252 Resp: 8773
Ion Ratio Lower Upper
252 100
253 24.4 0.0 65.8
125 13.2 0.0 40.2

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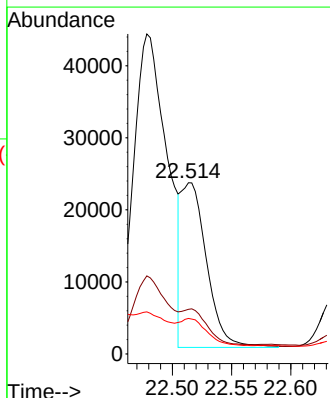
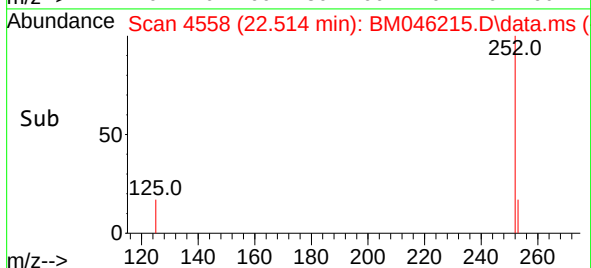
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

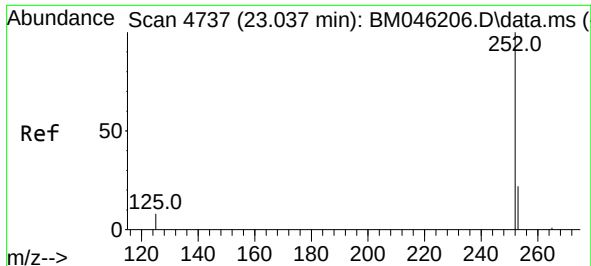


#25
Benzo(k)fluoranthene
Concen: 0.866 ng/ul m
RT: 22.514 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16



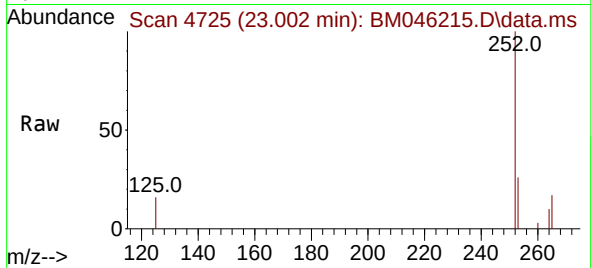
Tgt Ion:252 Resp: 34257
Ion Ratio Lower Upper
252 100
253 26.1 27.2 40.8#
125 20.7 16.6 25.0





#26
Benzo(a)pyrene
Concen: 1.038 ng/ul
RT: 23.002 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

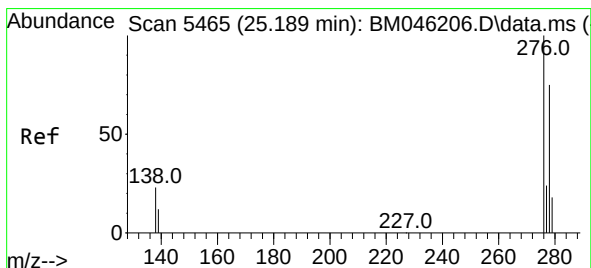
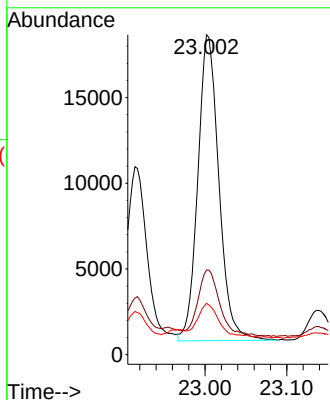
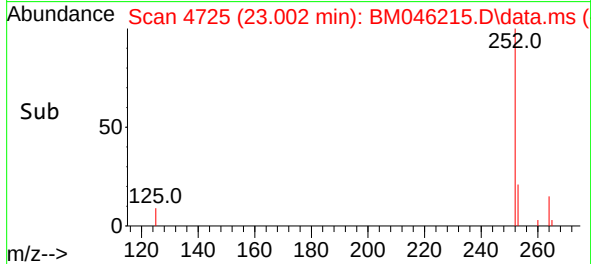
Instrument :
BNA_M
ClientSampleId :
A4C93DL



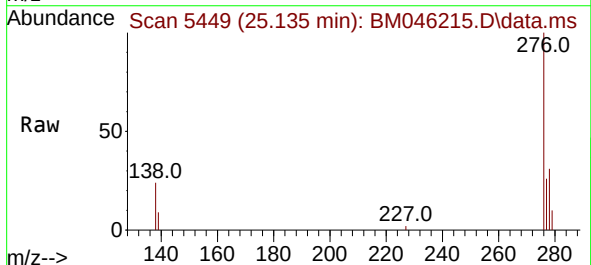
Tgt Ion:252 Resp: 31998
Ion Ratio Lower Upper
252 100
253 26.4 32.1 48.1
125 16.1 21.2 31.8

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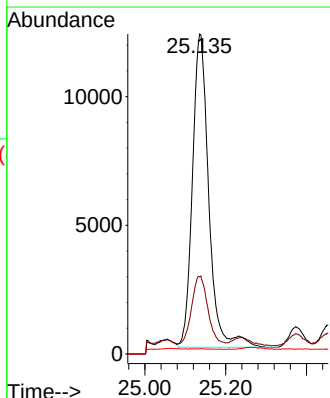
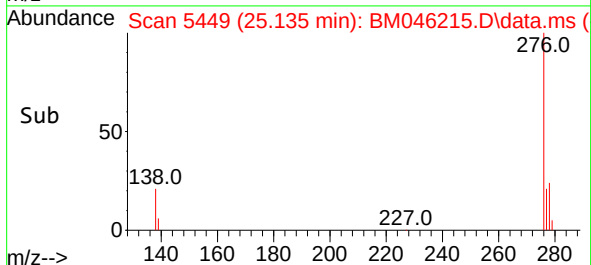
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

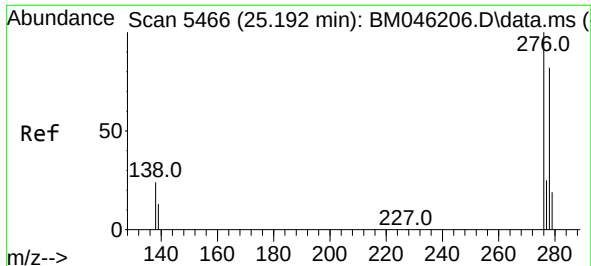


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.676 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.067 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16



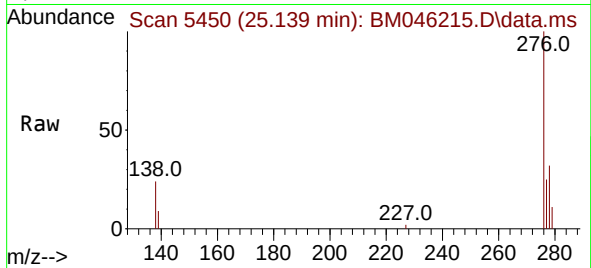
Tgt Ion:276 Resp: 34128
Ion Ratio Lower Upper
276 100
138 23.9 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 25.139 min Scan# 5466
Delta R.T. -0.077 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16

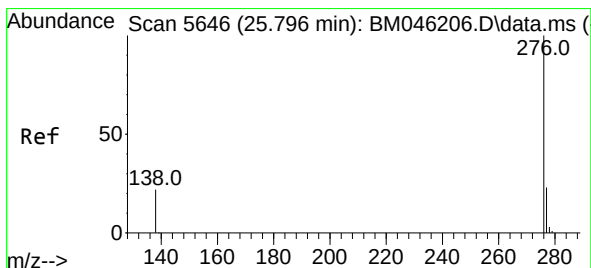
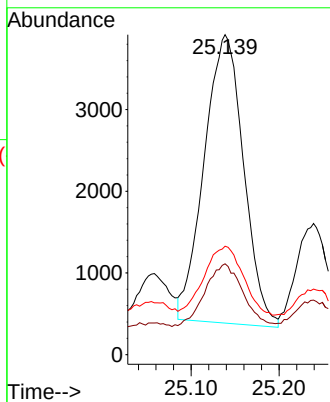
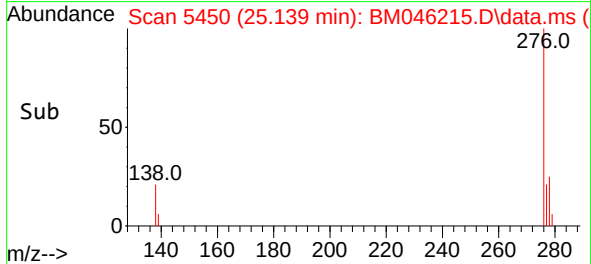
Instrument :
BNA_M
ClientSampleId :
A4C93DL



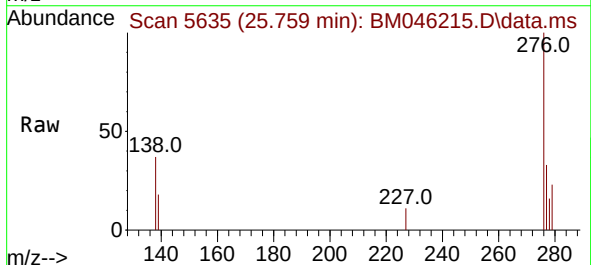
Tgt Ion:278 Resp: 10964
Ion Ratio Lower Upper
278 100
139 28.4 17.6 26.4#
279 33.9 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.070 min
Lab File: BM046215.D
Acq: 23 Jun 2024 02:16



Tgt Ion:276 Resp: 4756
Ion Ratio Lower Upper
276 100
138 37.5 21.7 32.5#
277 33.4 20.4 30.6#

