

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046216.D
 Acq On : 23 Jun 2024 02:53
 Operator : MA/JU
 Sample : P2775-13DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C95DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 03:33:41 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	7.422	152	2674	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.215	136	7686	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.071	164	4473	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	8904	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	7612	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	8921m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2643	0.720	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	542	0.053	ng/ul	-0.02
18) Fluoranthene-d10	18.838	212	1352	0.059	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.264	128	2563	0.120	ng/ul#	89
7) 2-Methylnaphthalene	11.914	142	740	0.061	ng/ul	91
8) 1-Methylnaphthalene	12.123	142	672	0.051	ng/ul	99
10) Acenaphthylene	13.788	152	5002	0.236	ng/ul	96
11) Acenaphthene	14.131	153	5439	0.355	ng/ul	98
12) Fluorene	15.130	166	4967	0.302	ng/ul	99
15) Phenanthrene	16.849	178	107334	4.291	ng/ul	96
16) Anthracene	16.946	178	18054	0.969	ng/ul	97
19) Fluoranthene	18.871	202	230594	6.996	ng/ul	95
20) Pyrene	19.233	202	159092	4.463	ng/ul	94
21) Benzo(a)anthracene	20.989	228	94602	3.217	ng/ul	99
22) Chrysene	21.038	228	95797	2.553	ng/ul	100
24) Benzo(b)fluoranthene	22.479	252	138568m	4.311	ng/ul	
25) Benzo(k)fluoranthene	22.514	252	53316m	1.395	ng/ul	
26) Benzo(a)pyrene	23.005	252	50111	1.683	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.135	276	52050	1.068	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.139	278	16007	0.441	ng/ul	99
29) Benzo(g,h,i)perylene	25.759	276	6990	0.167	ng/ul#	89

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

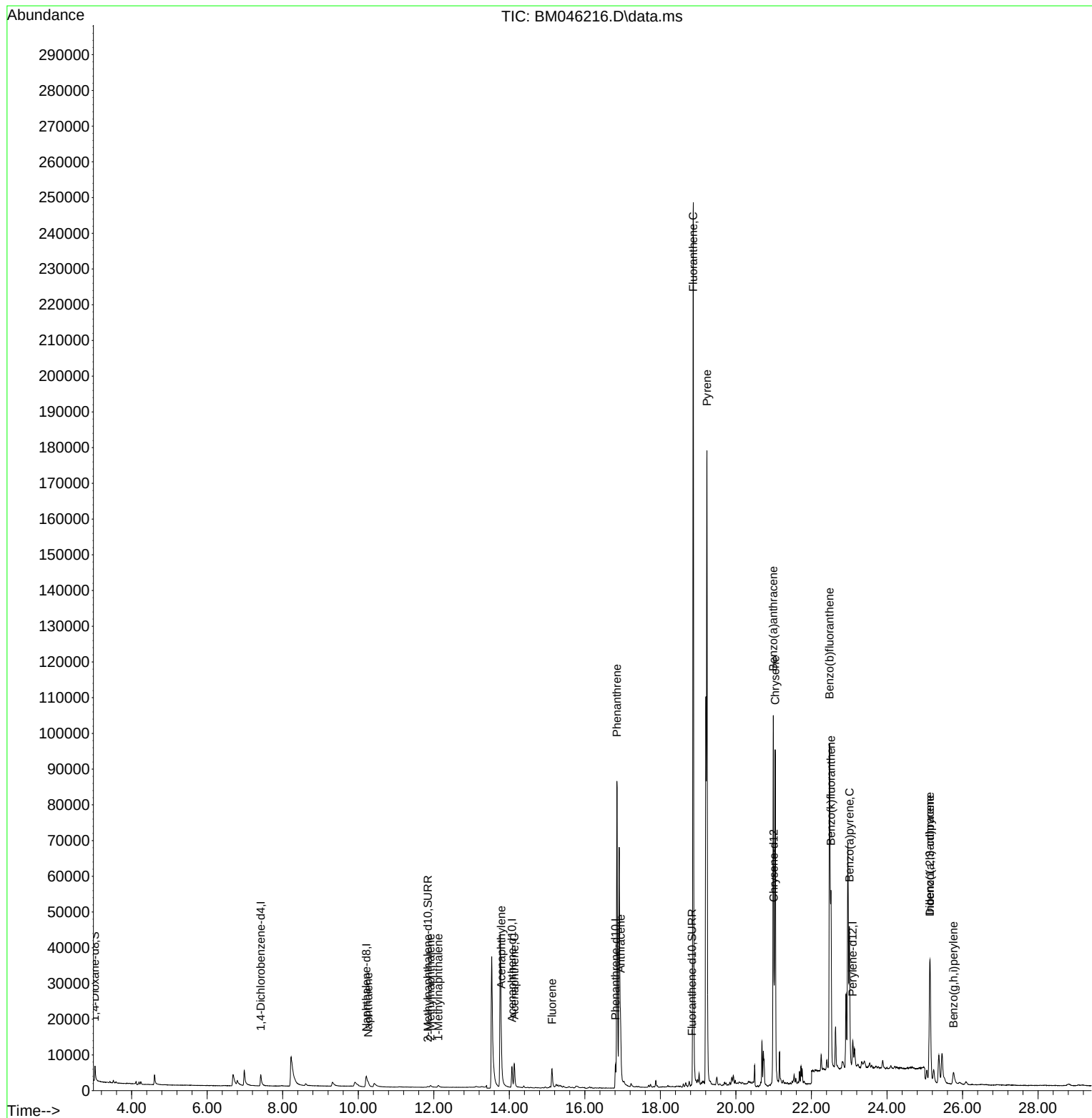
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046216.D
Acq On : 23 Jun 2024 02:53
Operator : MA/JU
Sample : P2775-13DL 5X
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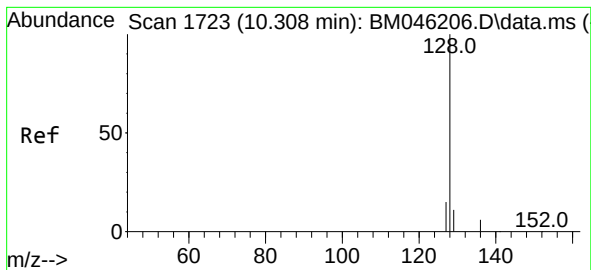
Instrument :
BNA_M
ClientSampleId :
A4C95DL

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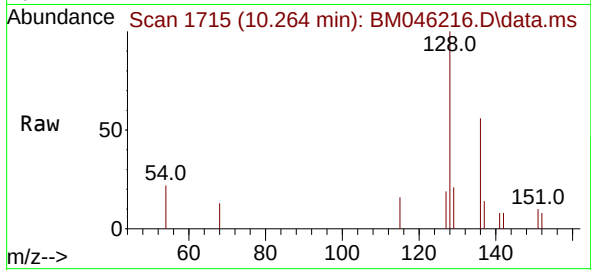
Quant Time: Jun 23 03:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.120 ng/ul
RT: 10.264 min Scan# 1715
Delta R.T. -0.038 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

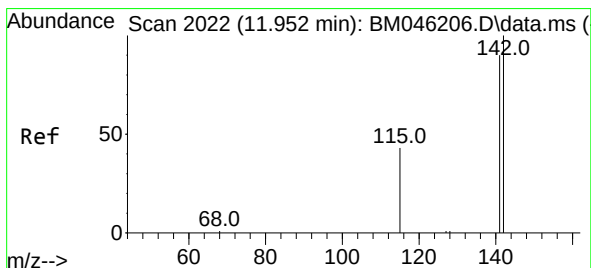
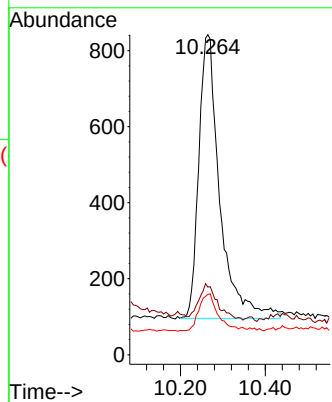
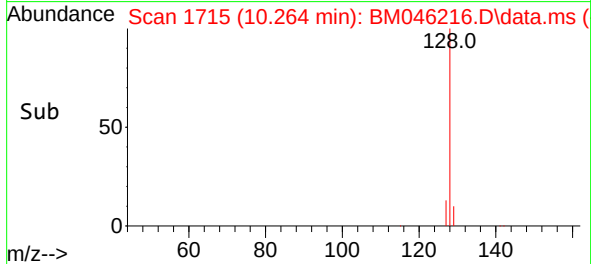
Instrument :
BNA_M
ClientSampleId :
A4C95DL



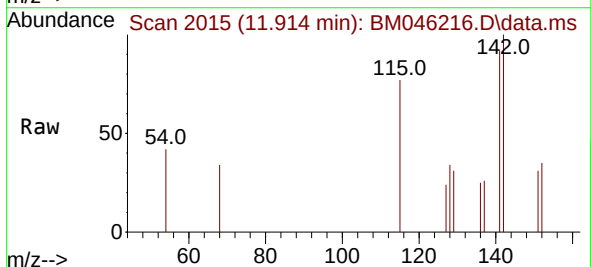
Tgt Ion:128 Resp: 256
Ion Ratio Lower Upper
128 100
129 21.1 11.8 17.6
127 18.9 12.8 19.2

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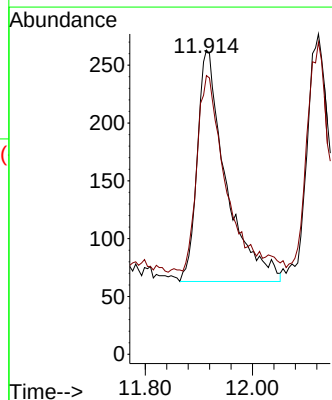
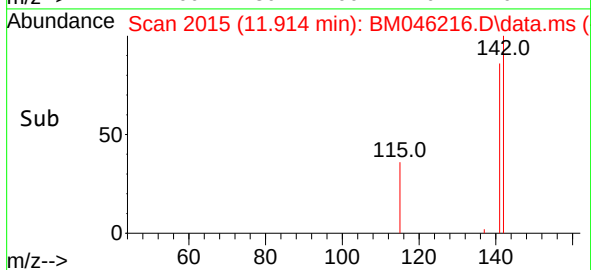
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

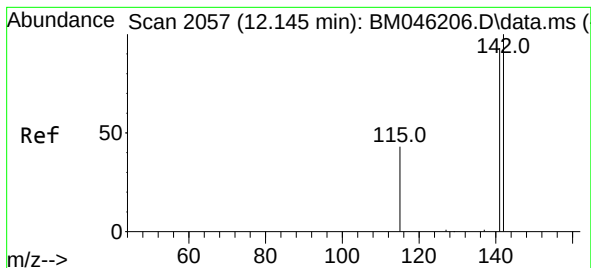


#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.033 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53



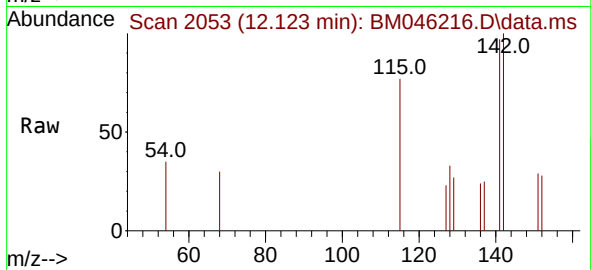
Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
141 84.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.027 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

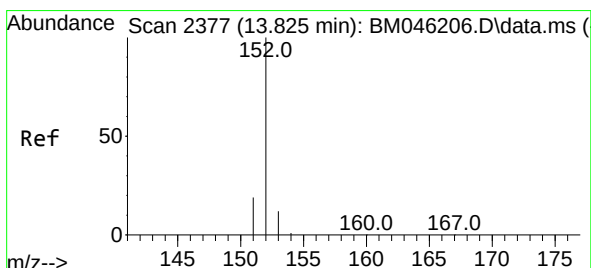
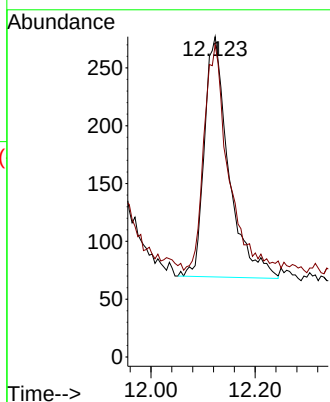
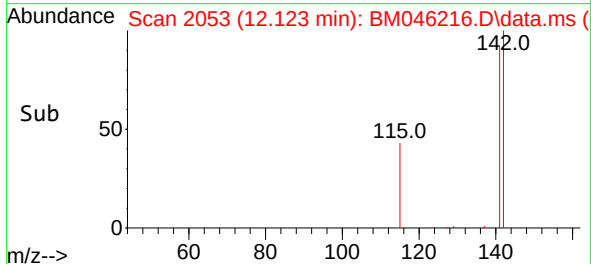
Instrument :
BNA_M
ClientSampleId :
A4C95DL



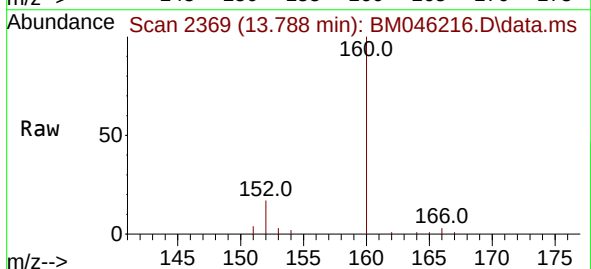
Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
142 100
141 95.1 75.2 112.8

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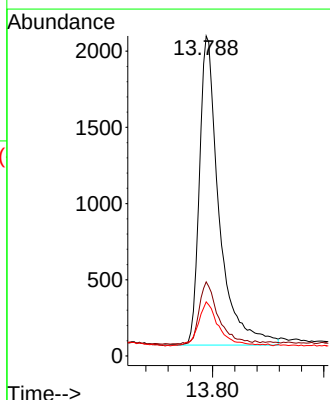
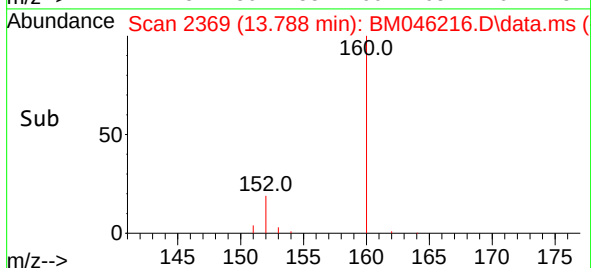
Reviewed By :Yogesh Patel 06/24/2024
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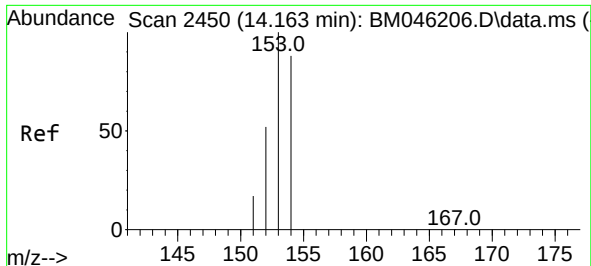


#10
Acenaphthylene
Concen: 0.236 ng/ul
RT: 13.788 min Scan# 2369
Delta R.T. -0.046 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53



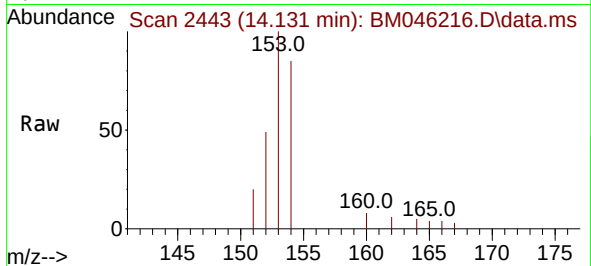
Tgt Ion:152 Resp: 5002
Ion Ratio Lower Upper
152 100
151 23.1 17.4 26.2
153 16.9 11.8 17.8





#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

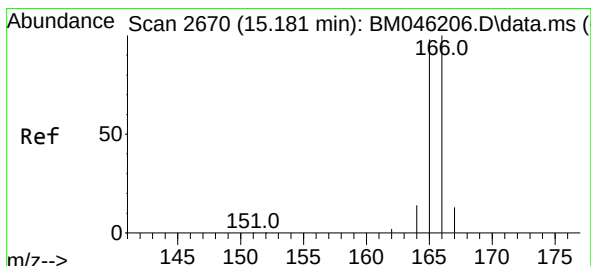
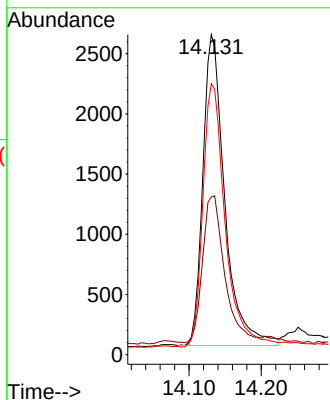
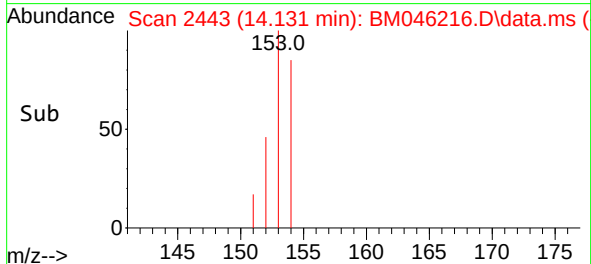
Instrument :
BNA_M
ClientSampleId :
A4C95DL



Tgt Ion:153 Resp: 5439
Ion Ratio Lower Upper
153 100
152 49.3 41.3 61.9
154 84.7 68.2 102.4

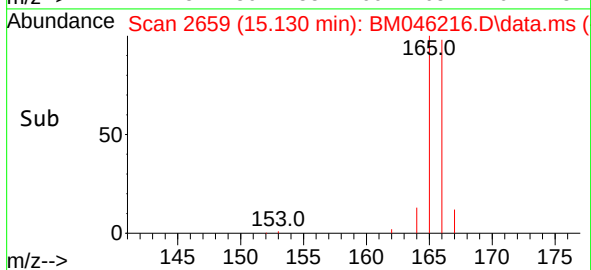
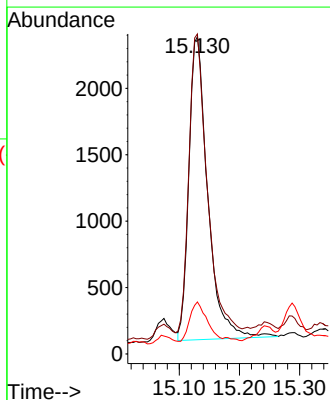
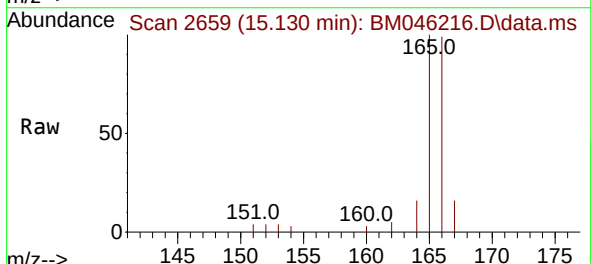
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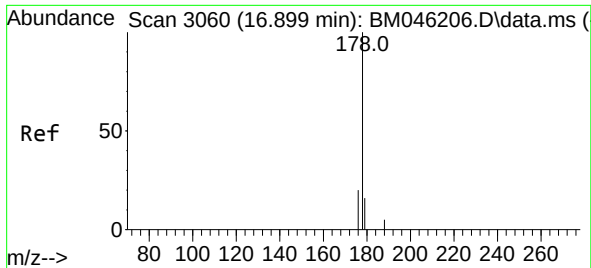
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

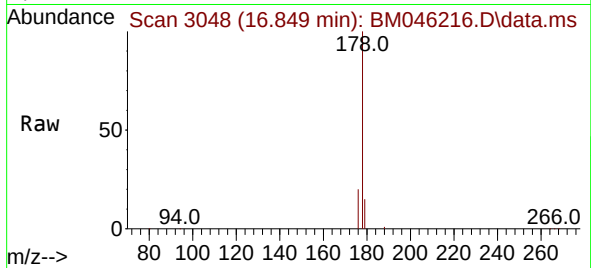
Tgt Ion:166 Resp: 4967
Ion Ratio Lower Upper
166 100
165 100.8 80.4 120.6
167 16.4 12.4 18.6





#15
Phenanthrene
Concen: 4.291 ng/ul
RT: 16.849 min Scan# 3071
Delta R.T. -0.055 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

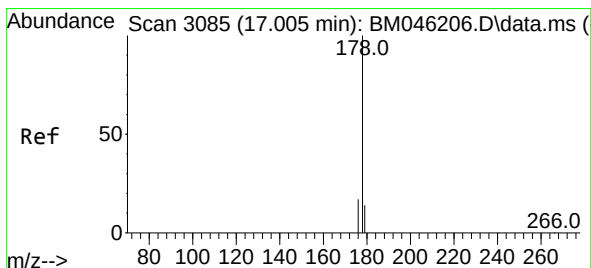
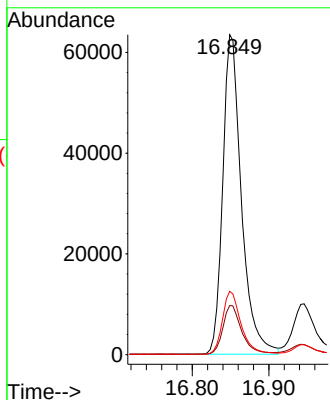
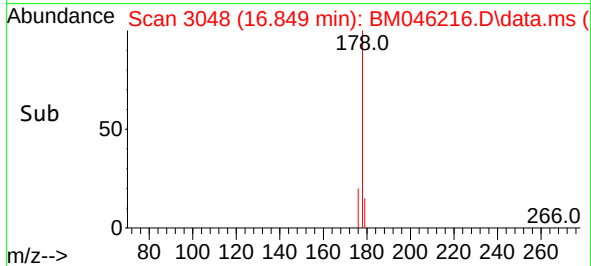
Instrument :
BNA_M
ClientSampleId :
A4C95DL



Tgt Ion:178 Resp: 107334
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.8 17.1 25.7

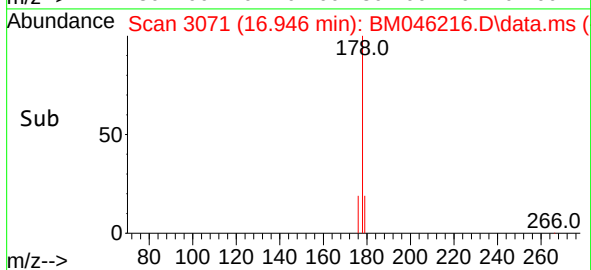
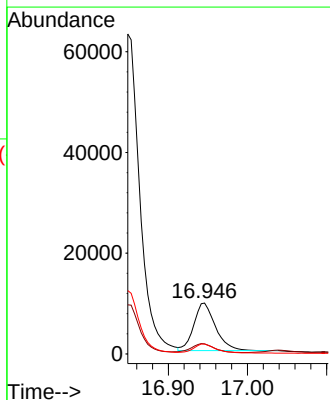
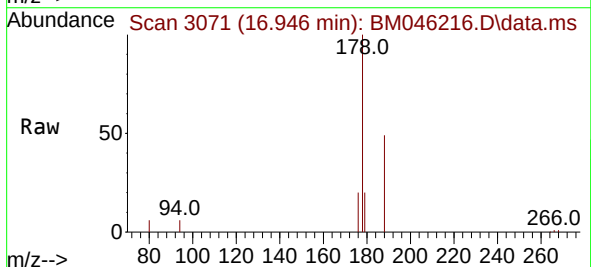
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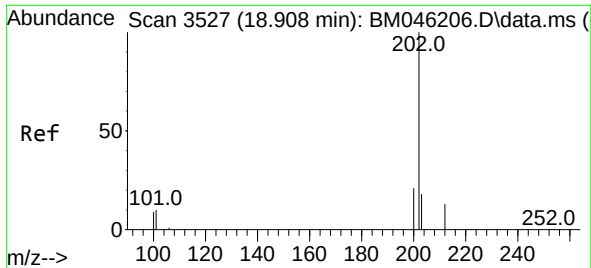
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.969 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

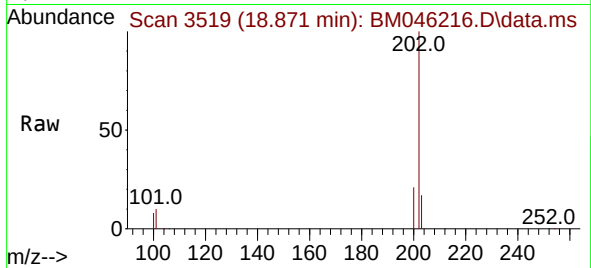
Tgt Ion:178 Resp: 18054
Ion Ratio Lower Upper
178 100
179 19.9 14.9 22.3
176 19.5 17.0 25.4





#19
Fluoranthene
Concen: 6.996 ng/u1
RT: 18.871 min Scan# 31
Delta R.T. -0.046 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

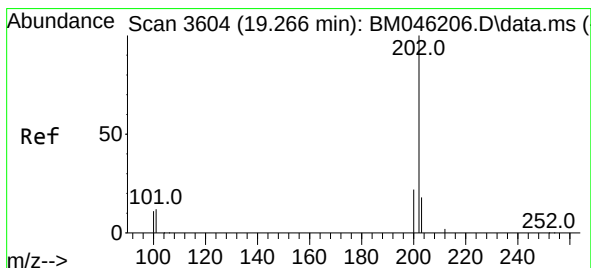
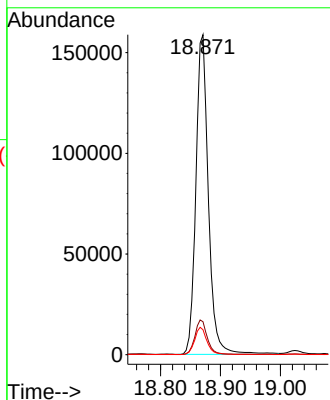
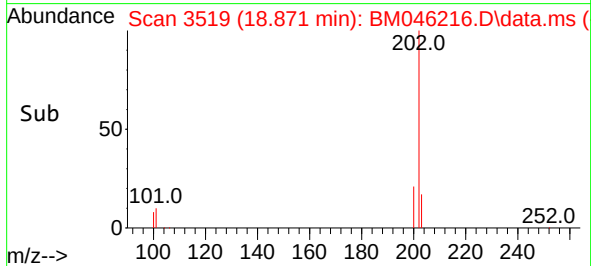
Instrument :
BNA_M
ClientSampleId :
A4C95DL



Tgt Ion:202 Resp: 230594
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 7.8 7.6 11.4

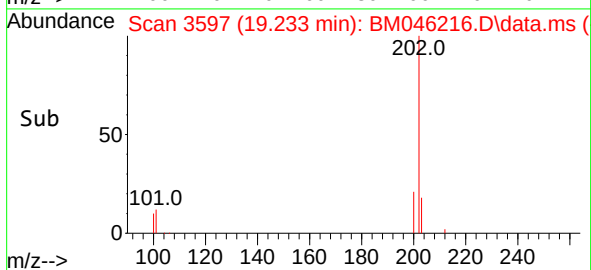
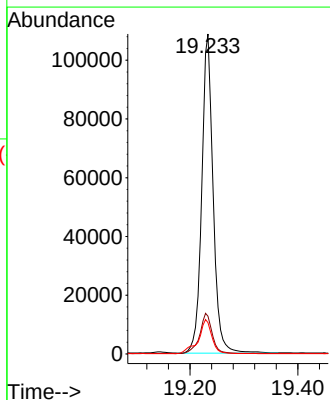
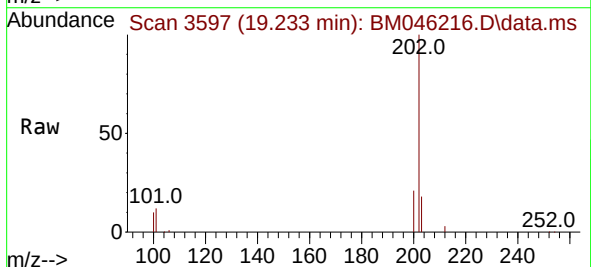
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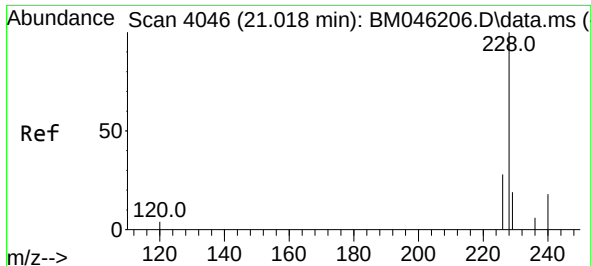
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#20
Pyrene
Concen: 4.463 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

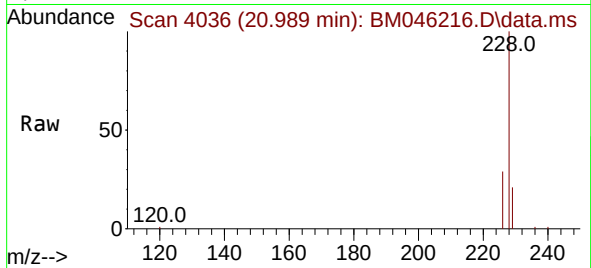
Tgt Ion:202 Resp: 159092
Ion Ratio Lower Upper
202 100
101 11.8 11.3 16.9
100 9.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.217 ng/u1
RT: 20.989 min Scan# 4046
Delta R.T. -0.041 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

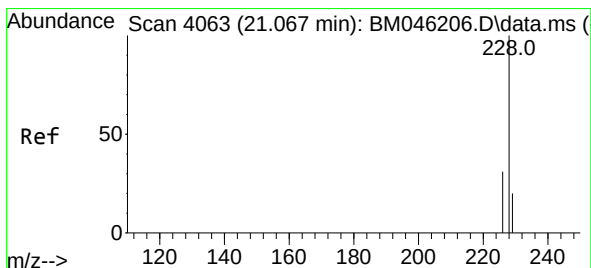
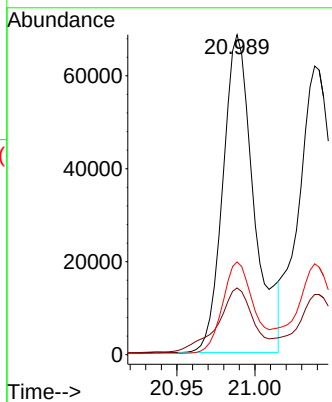
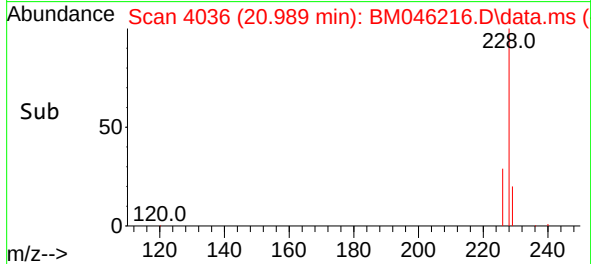
Instrument :
BNA_M
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A4C95DL



Tgt Ion:228 Resp: 94602
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.0 23.4 35.2

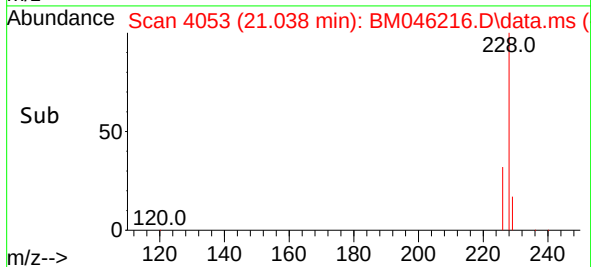
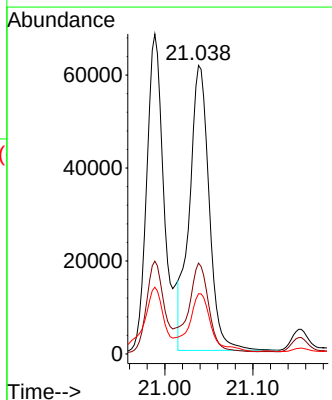
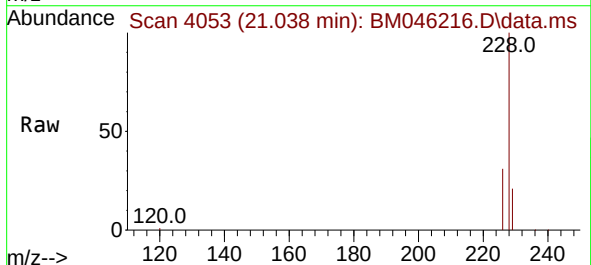
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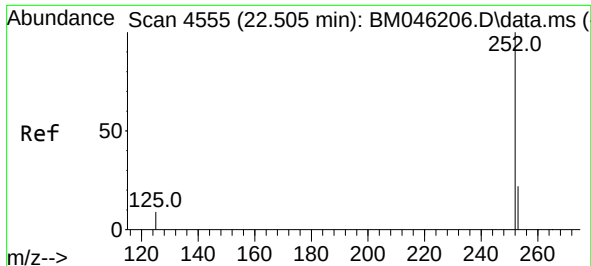
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 2.553 ng/u1
RT: 21.038 min Scan# 4053
Delta R.T. -0.038 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

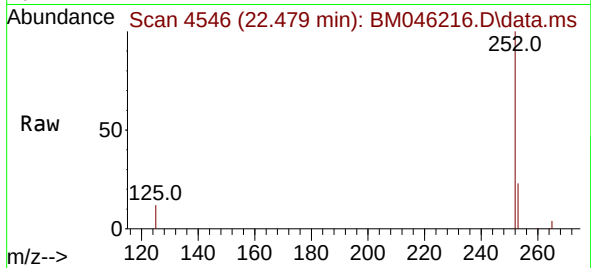
Tgt Ion:228 Resp: 95797
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 20.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.311 ng/ul m
RT: 22.479 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

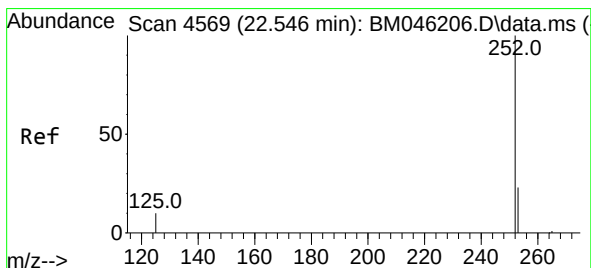
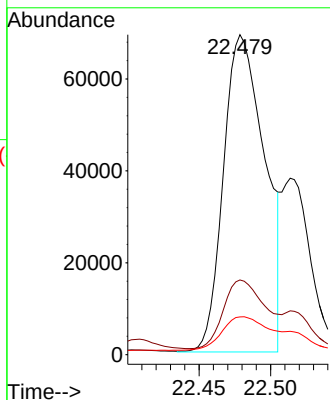
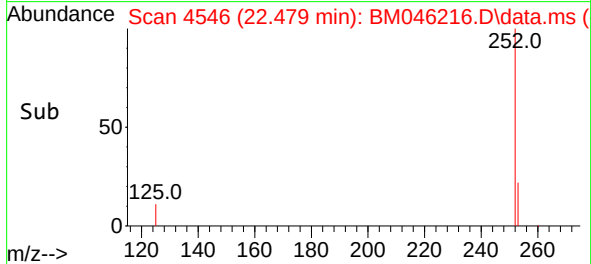
Instrument :
BNA_M
ClientSampleId :
A4C95DL



Tgt Ion:252 Resp: 138568
Ion Ratio Lower Upper
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253 23.3 0.0 65.8
125 11.8 0.0 40.2

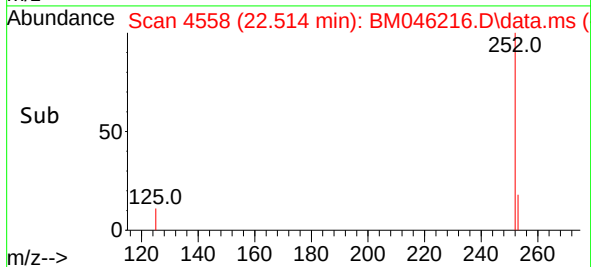
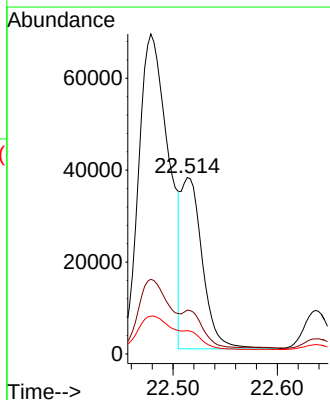
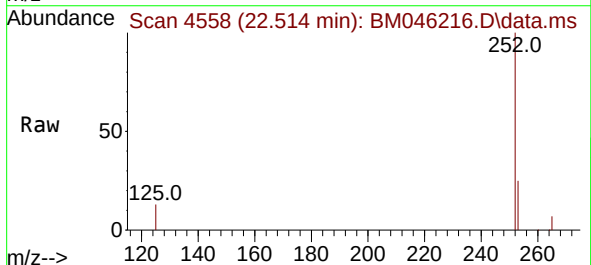
Manual Integrations
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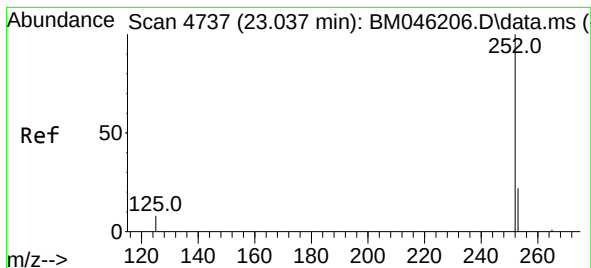
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.395 ng/ul m
RT: 22.514 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

Tgt Ion:252 Resp: 53316
Ion Ratio Lower Upper
252 100
253 24.9 27.2 40.8#
125 13.2 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.683 ng/ul

RT: 23.005 min Scan# 41

Delta R.T. -0.050 min

Lab File: BM046216.D

Acq: 23 Jun 2024 02:53

Instrument :

BNM_M

ClientSampleId :

A4C95DL

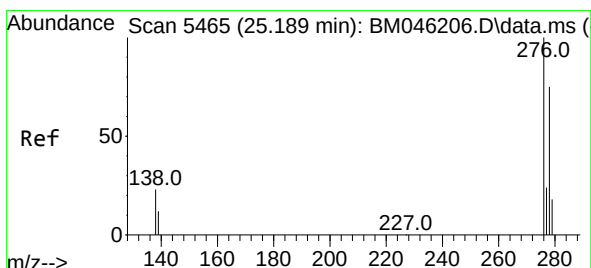
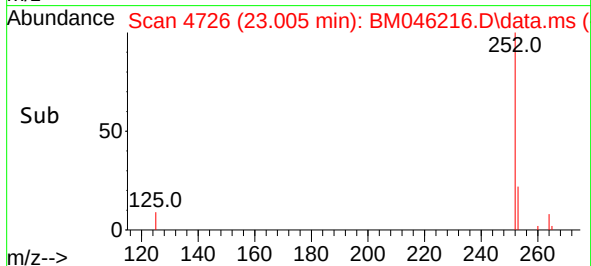
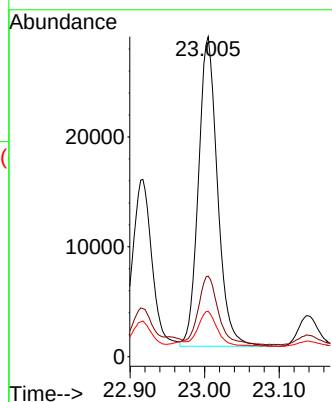
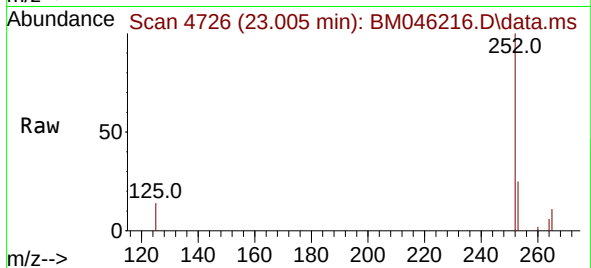
Tgt Ion:	252	Resp:	5011
Ion Ratio	Lower	Upper	
252	100		
253	25.2	32.1	48.1
125	14.2	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.068 ng/ul

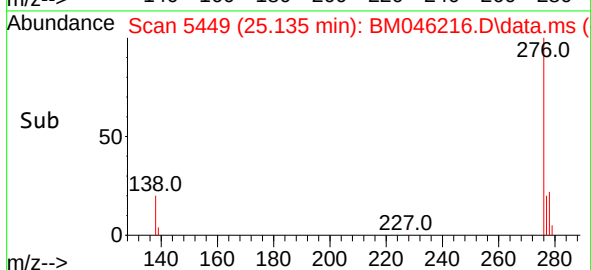
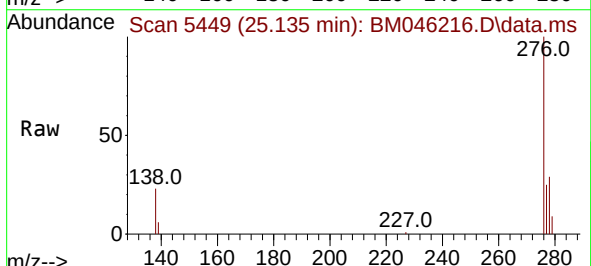
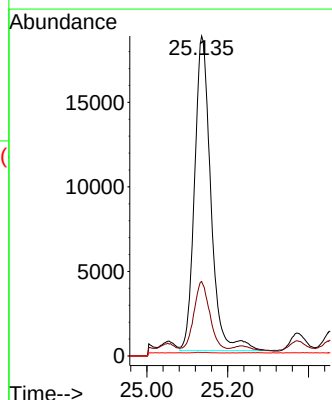
RT: 25.135 min Scan# 5449

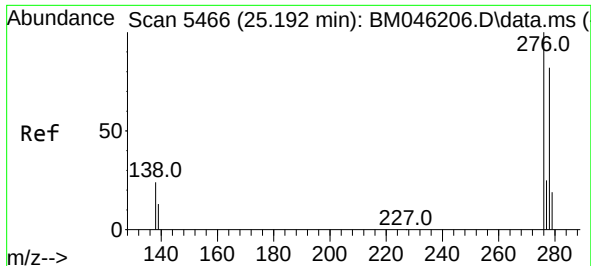
Delta R.T. -0.067 min

Lab File: BM046216.D

Acq: 23 Jun 2024 02:53

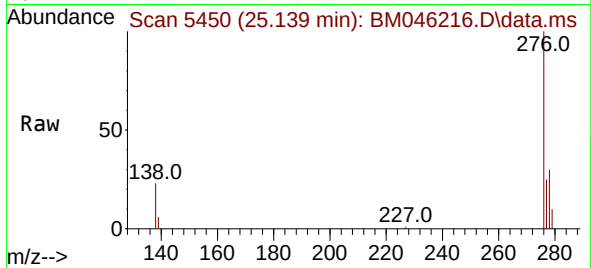
Tgt Ion:	276	Resp:	52050
Ion Ratio	Lower	Upper	
276	100		
138	22.1	21.0	31.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 25.139 min Scan# 5466
Delta R.T. -0.077 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53

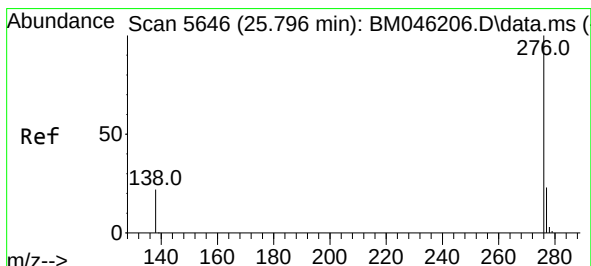
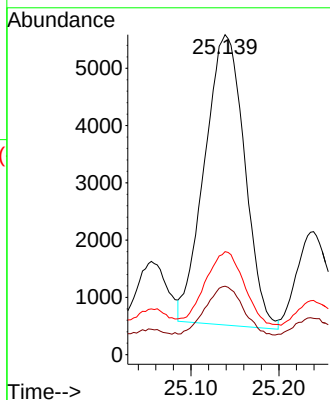
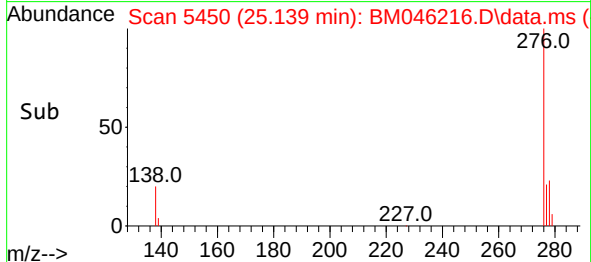
Instrument :
BNA_M
ClientSampleId :
A4C95DL



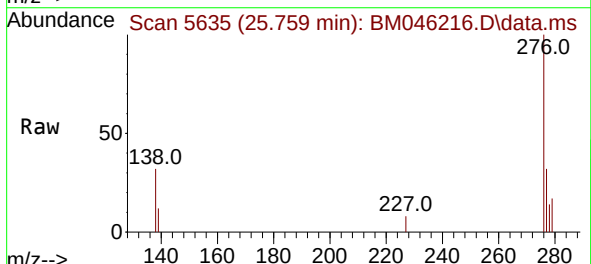
Tgt Ion:278 Resp: 1600
Ion Ratio Lower Upper
278 100
139 21.4 17.6 26.4
279 32.2 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.070 min
Lab File: BM046216.D
Acq: 23 Jun 2024 02:53



Tgt Ion:276 Resp: 6990
Ion Ratio Lower Upper
276 100
138 31.7 21.7 32.5
277 31.8 20.4 30.6#

