

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046212.D
 Acq On : 23 Jun 2024 00:25
 Operator : MA/JU
 Sample : P2754-17DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:09:20 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 : Sat Jun 22 02:10:56 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2478	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.209	136	7288	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.066	164	4279	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.815	188	8367	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	6964	0.400	ng/ul	-0.03
23) Perylene-d12	23.098	264	8166m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3993	1.174	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.832	152	881	0.090	ng/ul	-0.03
18) Fluoranthene-d10	18.843	212	1919	0.092	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	814	0.040	ng/ul#	64
7) 2-Methylnaphthalene	11.914	142	264	0.023	ng/ul	91
10) Acenaphthylene	13.788	152	1663	0.082	ng/ul#	84
11) Acenaphthene	14.131	153	382	0.026	ng/ul#	93
12) Fluorene	15.125	166	552	0.035	ng/ul#	90
15) Phenanthrene	16.853	178	13673	0.582	ng/ul	97
16) Anthracene	16.946	178	2511	0.143	ng/ul#	88
19) Fluoranthene	18.875	202	39676	1.316	ng/ul	96
20) Pyrene	19.238	202	29386	0.901	ng/ul	96
21) Benzo(a)anthracene	20.997	228	16769	0.623	ng/ul	99
22) Chrysene	21.047	228	19360	0.564	ng/ul	100
24) Benzo(b)fluoranthene	22.484	252	35113m	1.193	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	12316m	0.352	ng/ul	
26) Benzo(a)pyrene	23.008	252	10461	0.384	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.145	276	13313	0.298	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.152	278	3956	0.119	ng/ul#	70
29) Benzo(g,h,i)perylene	25.769	276	1954	0.051	ng/ul#	61

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

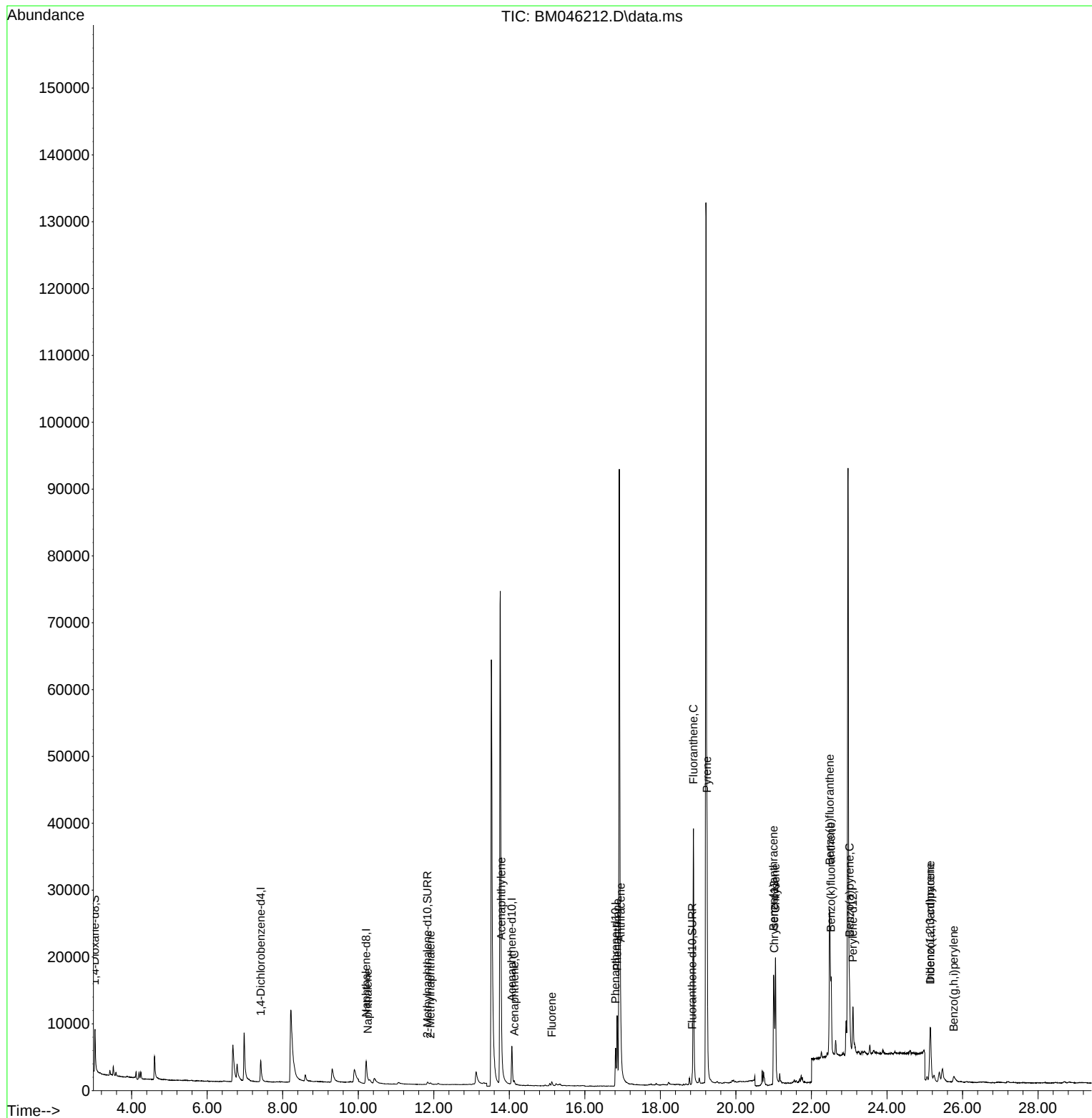
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046212.D
Acq On : 23 Jun 2024 00:25
Operator : MA/JU
Sample : P2754-17DL 5X
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ALS Vial : 26 Sample Multiplier: 1

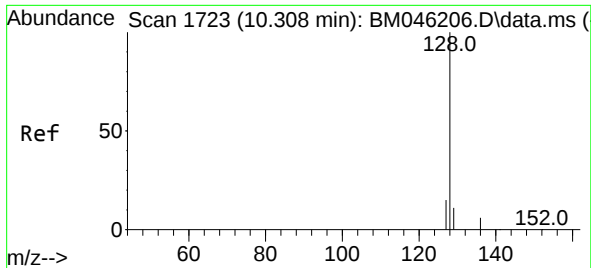
Instrument :
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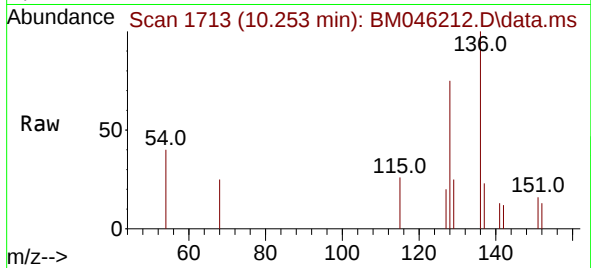
Quant Time: Jun 23 01:09:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.253 min Scan# 11
Delta R.T. -0.050 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

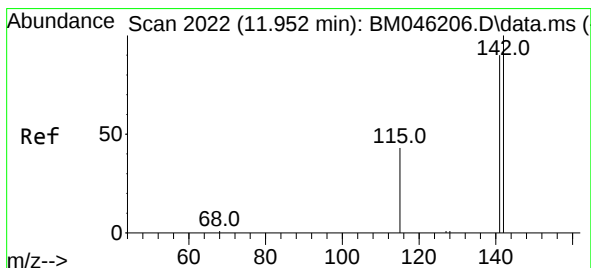
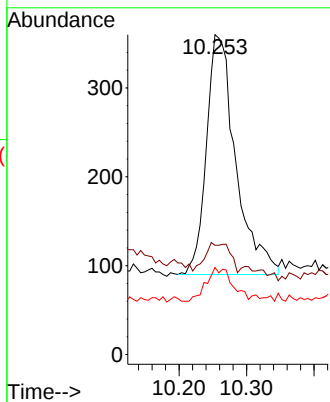
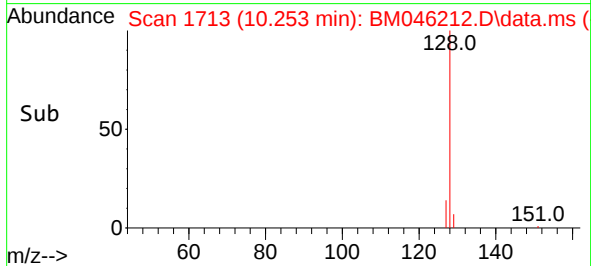
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



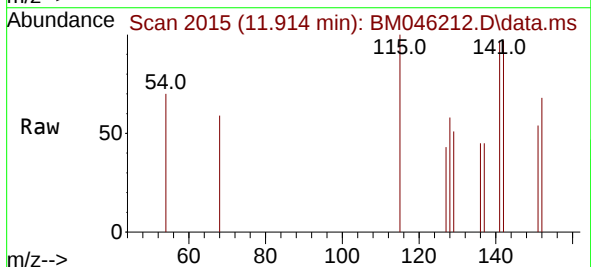
Tgt Ion:128 Resp: 814
Ion Ratio Lower Upper
128 100
129 34.2 11.8 17.6
127 27.2 12.8 19.2

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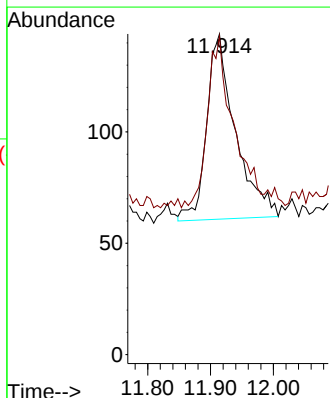
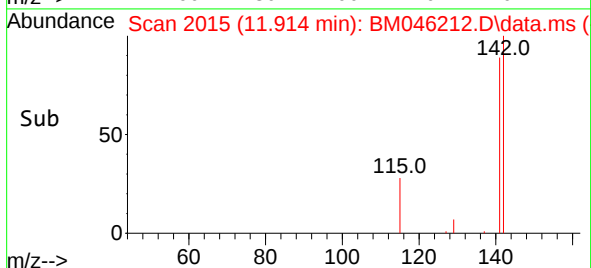
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

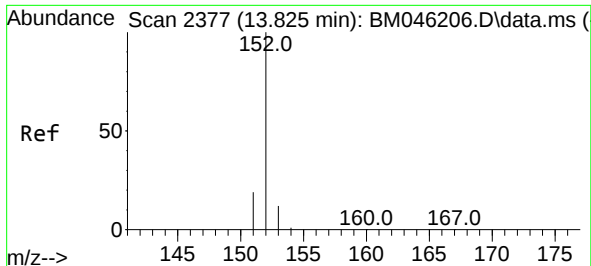


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.033 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25



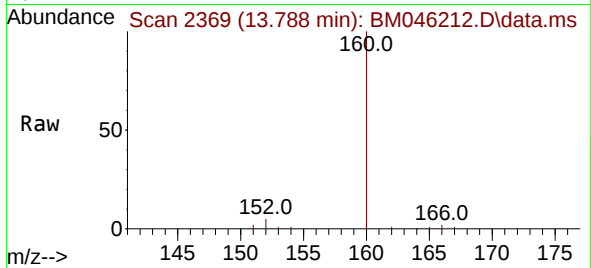
Tgt Ion:142 Resp: 264
Ion Ratio Lower Upper
142 100
141 84.1 74.6 111.8





#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

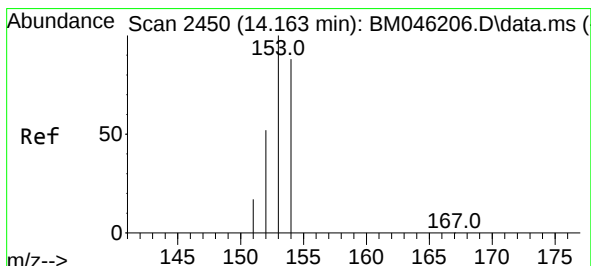
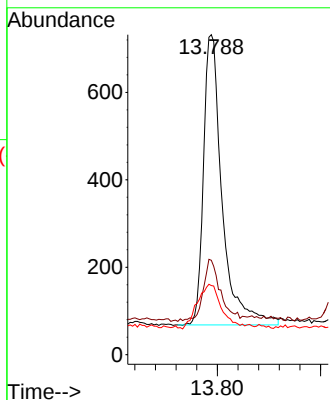
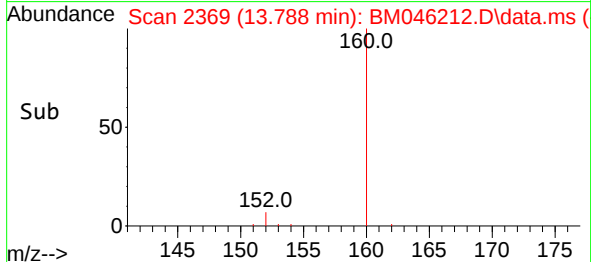
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



Tgt Ion:152 Resp: 166
Ion Ratio Lower Upper
152 100
151 29.5 17.4 26.2
153 21.6 11.8 17.8

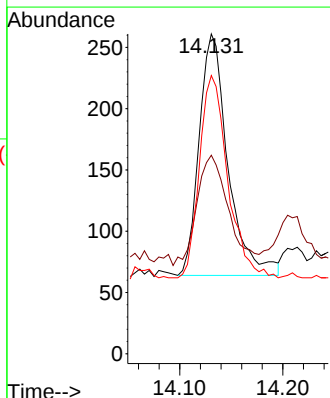
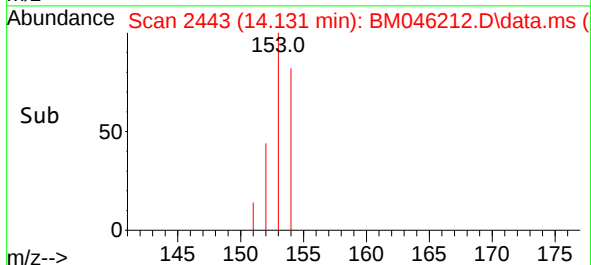
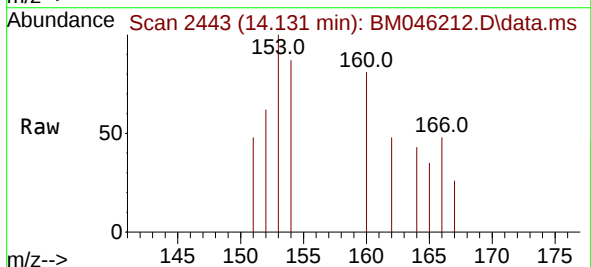
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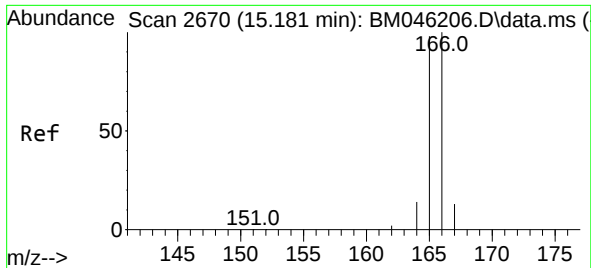
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

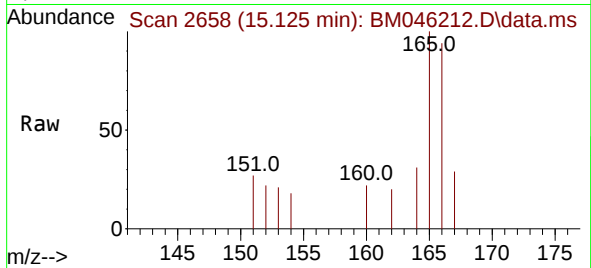
Tgt Ion:153 Resp: 382
Ion Ratio Lower Upper
153 100
152 62.1 41.3 61.9#
154 87.0 68.2 102.4





#12
Fluorene
Concen: 0.035 ng/u1
RT: 15.125 min Scan# 20
Delta R.T. -0.056 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

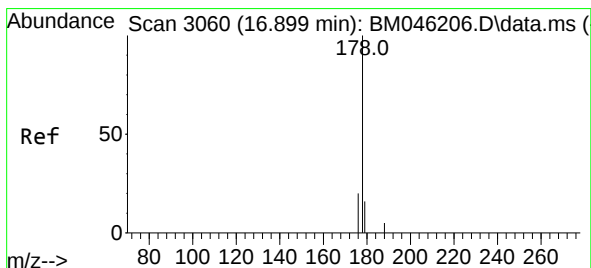
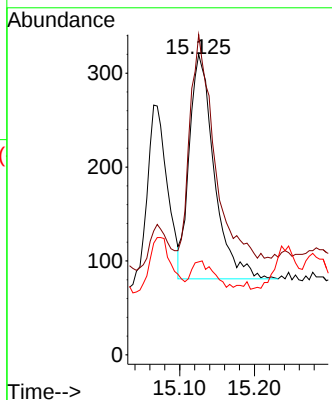
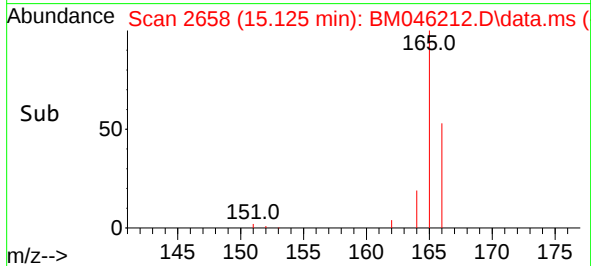
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



Tgt Ion:166 Resp: 552
Ion Ratio Lower Upper
166 100
165 106.6 80.4 120.6
167 30.9 12.4 18.6

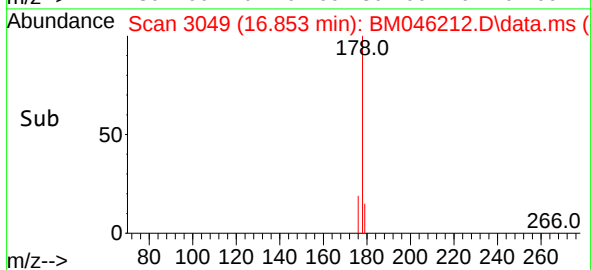
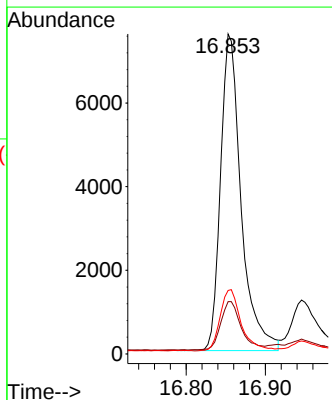
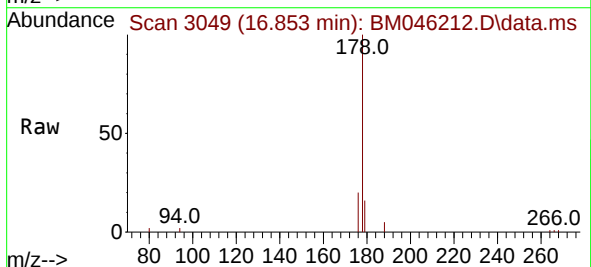
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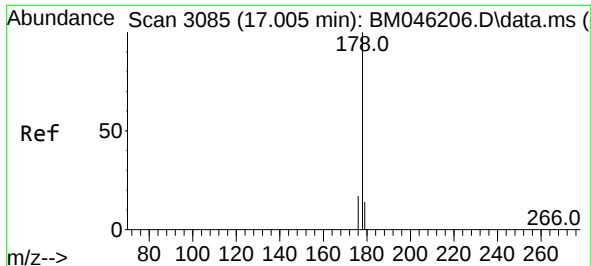
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#15
Phenanthrene
Concen: 0.582 ng/u1
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

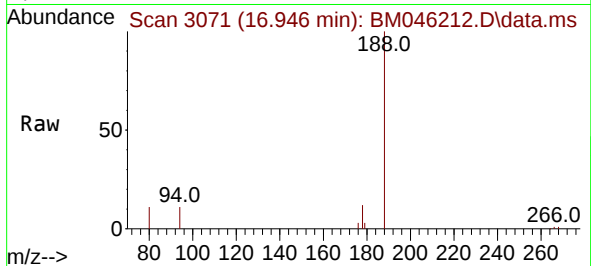
Tgt Ion:178 Resp: 13673
Ion Ratio Lower Upper
178 100
179 16.3 14.2 21.2
176 19.9 17.1 25.7





#16
 Anthracene
 Concen: 0.143 ng/ul
 RT: 16.946 min Scan# 3085
 Delta R.T. -0.059 min
 Lab File: BM046212.D
 Acq: 23 Jun 2024 00:25

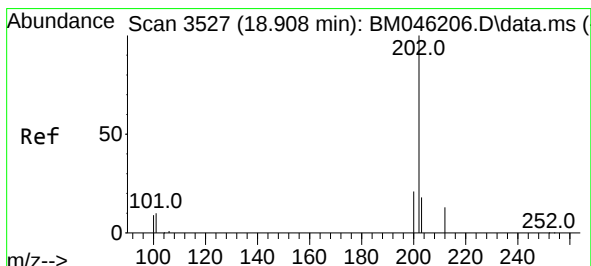
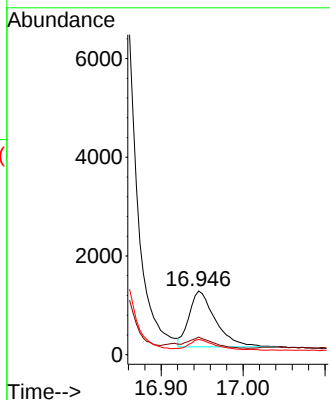
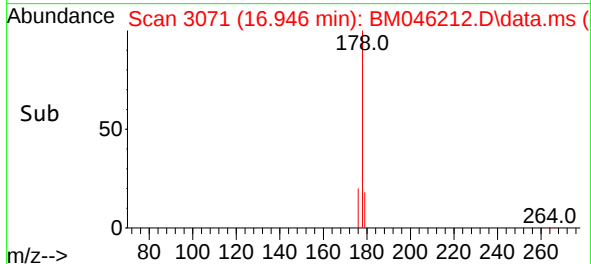
Instrument :
 BNA_M
 ClientSampleId :
 A4BQ1DL



Tgt Ion:178 Resp: 251
 Ion Ratio Lower Upper
 178 100
 179 27.6 14.9 22.3
 176 23.9 17.0 25.4

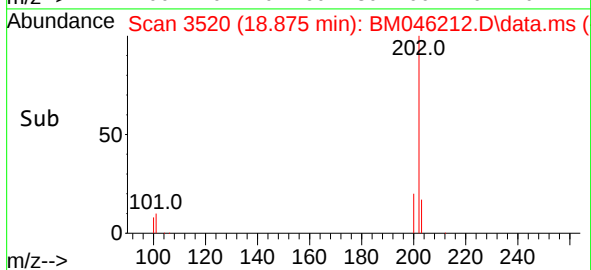
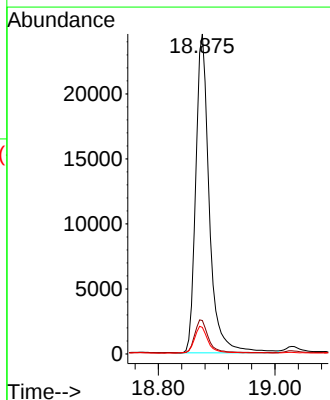
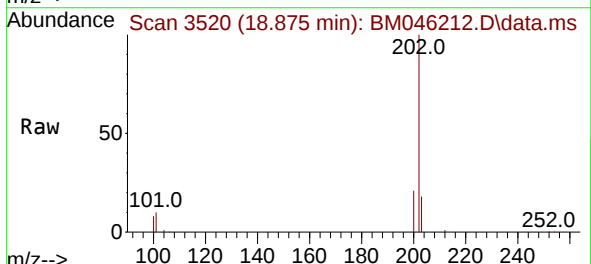
Manual Integrations
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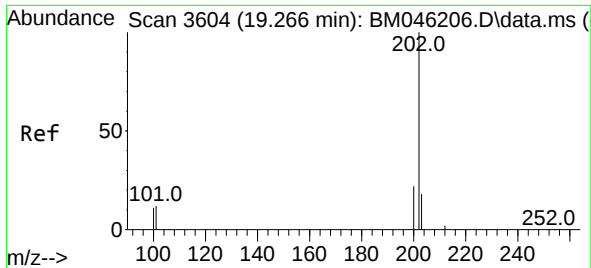
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 1.316 ng/ul
 RT: 18.875 min Scan# 3520
 Delta R.T. -0.042 min
 Lab File: BM046212.D
 Acq: 23 Jun 2024 00:25

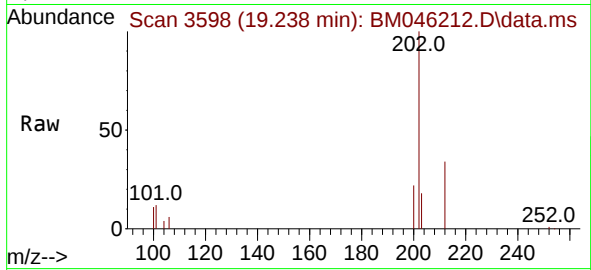
Tgt Ion:202 Resp: 39676
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.6 14.4
 100 8.3 7.6 11.4





#20
Pyrene
Concen: 0.901 ng/u1
RT: 19.238 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

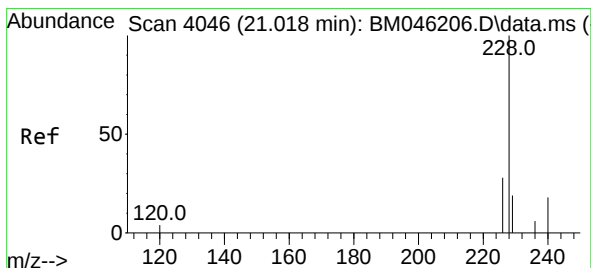
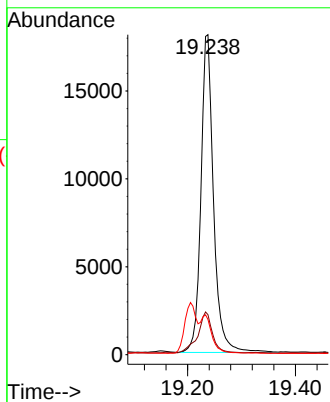
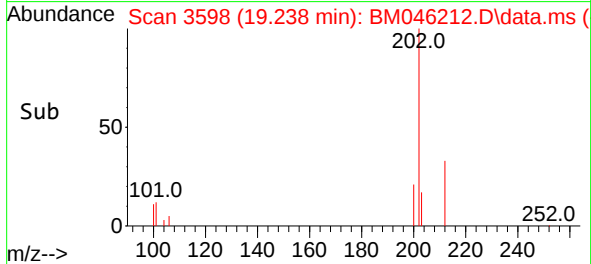
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



Tgt Ion:202 Resp: 2938
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.0 9.8 14.6

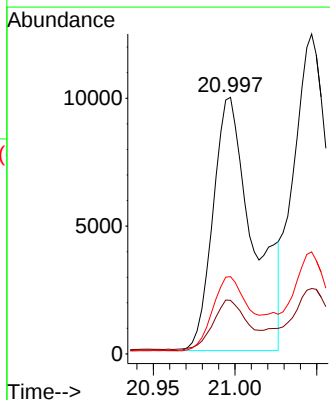
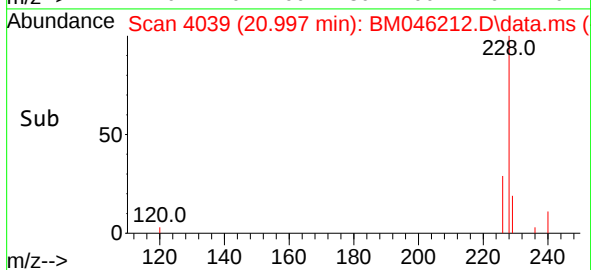
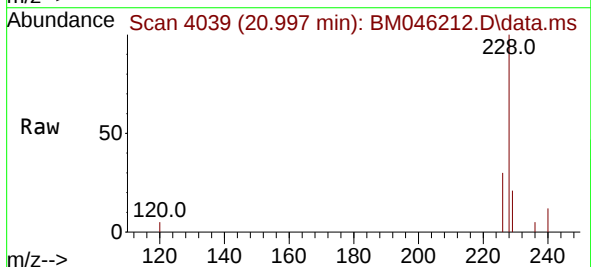
Manual Integrations
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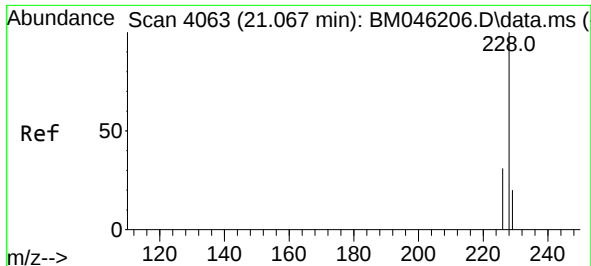
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#21
Benzo(a)anthracene
Concen: 0.623 ng/u1
RT: 20.997 min Scan# 4039
Delta R.T. -0.032 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

Tgt Ion:228 Resp: 16769
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 30.1 23.4 35.2





#22

Chrysene

Concen: 0.564 ng/ul

RT: 21.047 min Scan# 4063

Delta R.T. -0.029 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

Instrument :

BNA_M

ClientSampleId :

A4BQ1DL

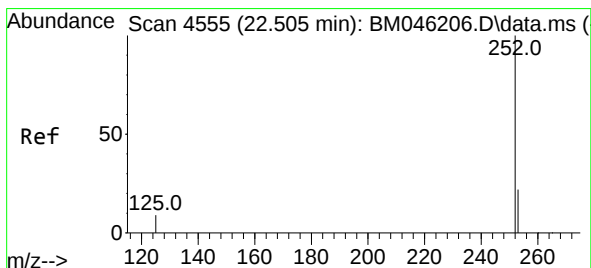
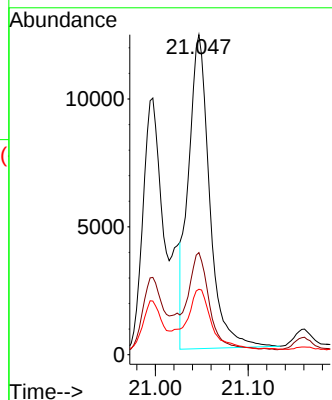
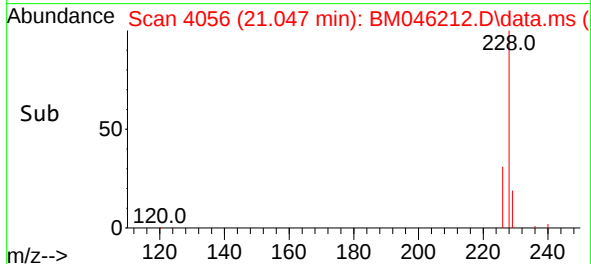
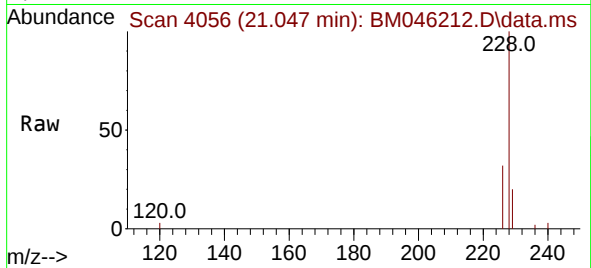
Tgt Ion:228	Resp:	19360
Ion Ratio	Lower	Upper
228	100	
226	31.9	25.2 37.8
229	20.4	16.3 24.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/24/2024



#24

Benzo(b)fluoranthene

Concen: 1.193 ng/ul m

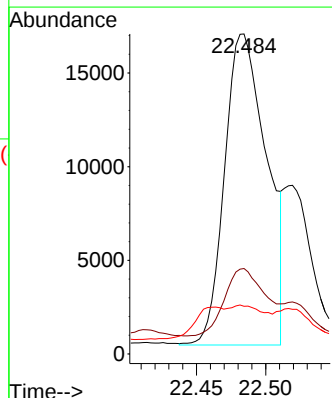
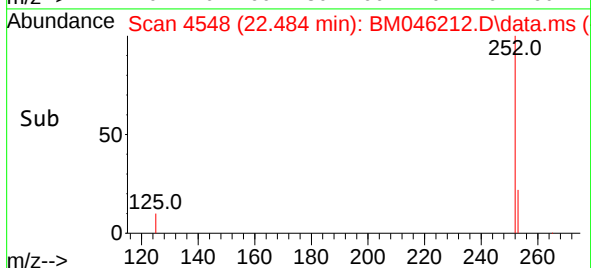
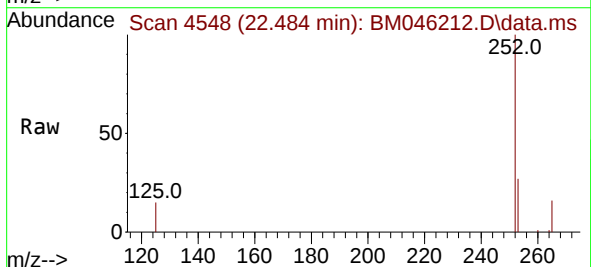
RT: 22.484 min Scan# 4548

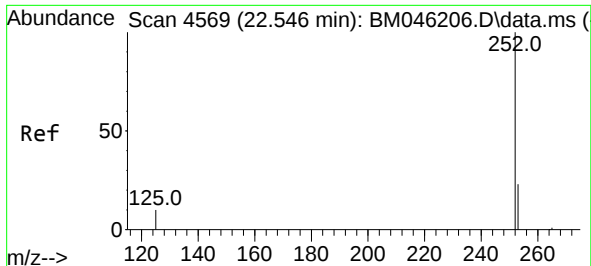
Delta R.T. -0.035 min

Lab File: BM046212.D

Acq: 23 Jun 2024 00:25

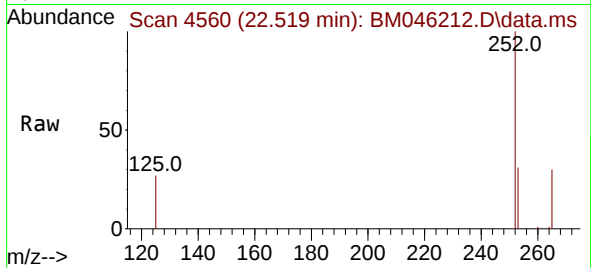
Tgt Ion:252	Resp:	35113
Ion Ratio	Lower	Upper
252	100	
253	26.7	0.0 65.8
125	14.9	0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.044 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

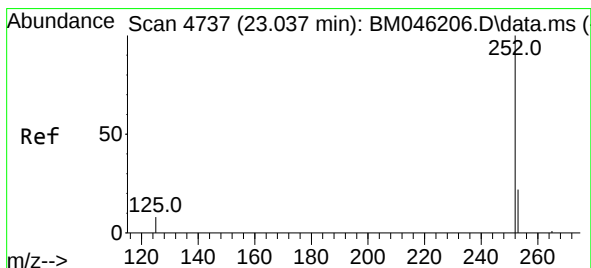
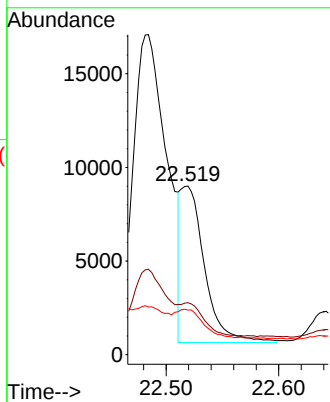
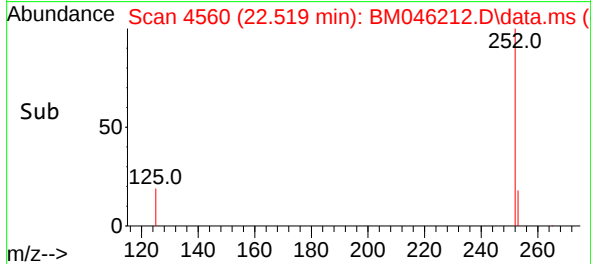
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



Tgt Ion:252 Resp: 12310
Ion Ratio Lower Upper
252 100
253 30.9 27.2 40.8
125 26.5 16.6 25.0

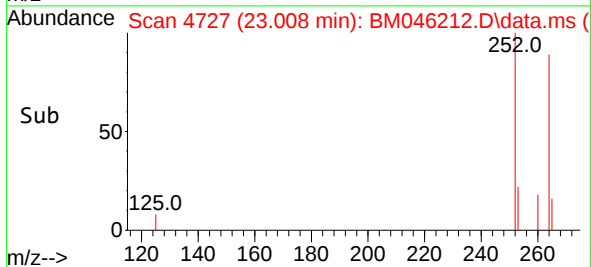
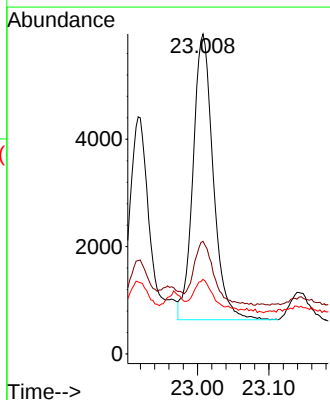
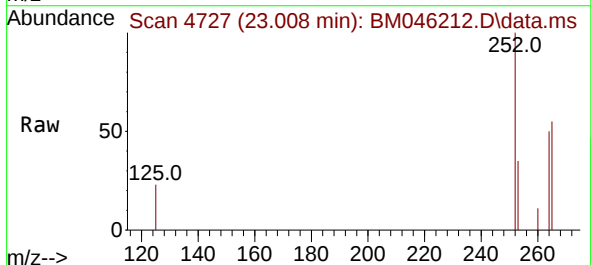
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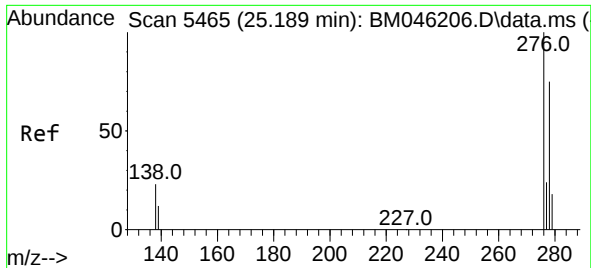
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.008 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

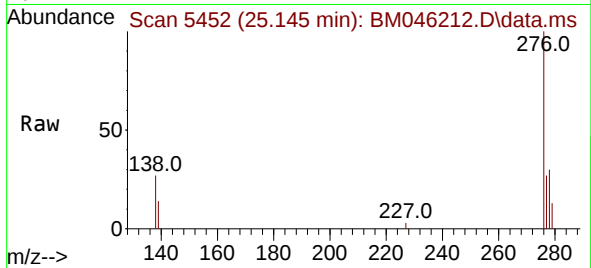
Tgt Ion:252 Resp: 10461
Ion Ratio Lower Upper
252 100
253 35.2 32.1 48.1
125 23.3 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.057 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25

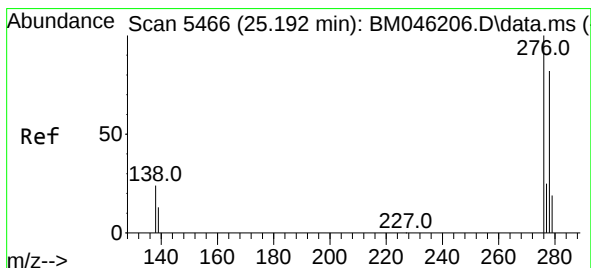
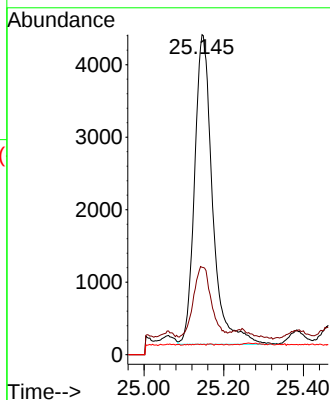
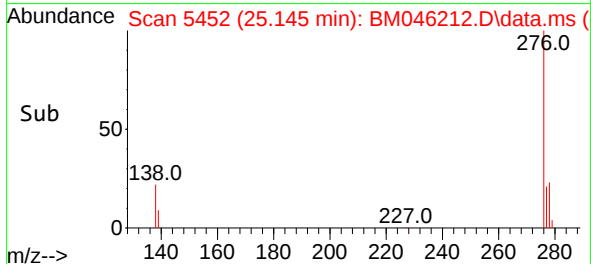
Instrument :
BNA_M
ClientSampleId :
A4BQ1DL



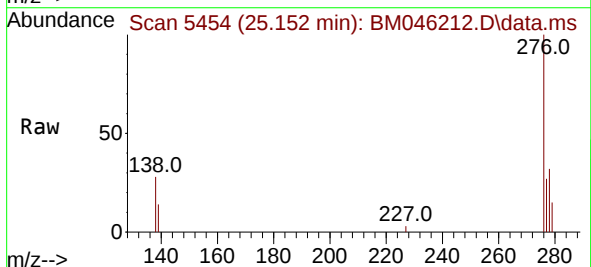
Tgt Ion:276 Resp: 1331
Ion Ratio Lower Upper
276 100
138 27.6 21.0 31.4
227 0.2 0.0 0.0

Manual Integrations
APPROVED

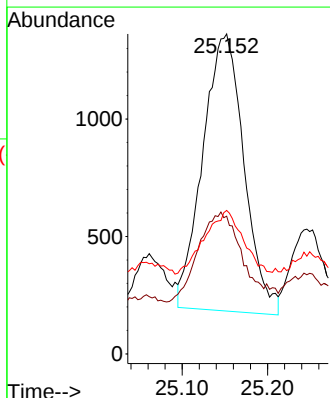
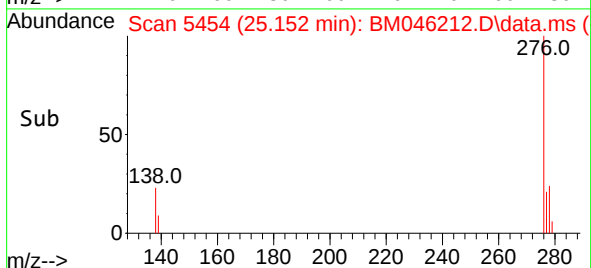
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

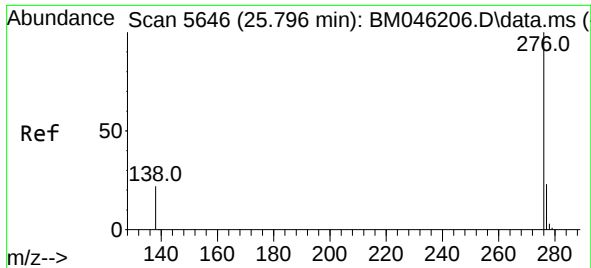


#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.064 min
Lab File: BM046212.D
Acq: 23 Jun 2024 00:25



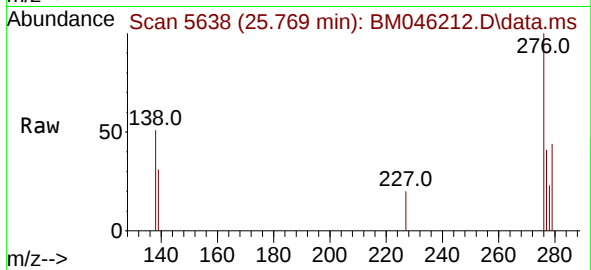
Tgt Ion:278 Resp: 3956
Ion Ratio Lower Upper
278 100
139 43.0 17.6 26.4#
279 44.9 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.051 ng/ul
 RT: 25.769 min Scan# 50
 Delta R.T. -0.060 min
 Lab File: BM046212.D
 Acq: 23 Jun 2024 00:25

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ1DL



Tgt Ion: 276 Resp: 1954

Ion	Ratio	Lower	Upper
276	100		
138	51.4	21.7	32.5
277	40.9	20.4	30.6

Manual Integrations
 APPROVED

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

