

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046115.D
 Acq On : 20 Jun 2024 10:15
 Operator : MA/JU
 Sample : P2695-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 11:01:37 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2540	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.243	136	6655	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.090	164	3841	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.833	188	7464	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	6016	0.400	ng/ul	-0.02
23) Perylene-d12	23.118	264	6945m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2133	0.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	323	0.036	ng/ul	0.03
18) Fluoranthene-d10	18.858	212	886	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.287	128	551	0.030	ng/ul#	50
10) Acenaphthylene	13.808	152	1197	0.066	ng/ul#	80
11) Acenaphthene	14.155	153	620	0.047	ng/ul#	91
12) Fluorene	15.145	166	653	0.046	ng/ul#	95
15) Phenanthrene	16.871	178	13734	0.655	ng/ul	98
16) Anthracene	16.968	178	2617	0.168	ng/ul#	90
19) Fluoranthene	18.890	202	29061	1.116	ng/ul	97
20) Pyrene	19.253	202	23355	0.829	ng/ul	96
21) Benzo(a)anthracene	21.008	228	12762	0.549	ng/ul	98
22) Chrysene	21.061	228	13234	0.446	ng/ul	99
24) Benzo(b)fluoranthene	22.501	252	19743m	0.789	ng/ul	
25) Benzo(k)fluoranthene	22.536	252	8669m	0.291	ng/ul	
26) Benzo(a)pyrene	23.025	252	7514	0.324	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.172	276	7980	0.210	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.175	278	2336	0.083	ng/ul#	66
29) Benzo(g,h,i)perylene	25.795	276	1292	0.040	ng/ul#	57

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

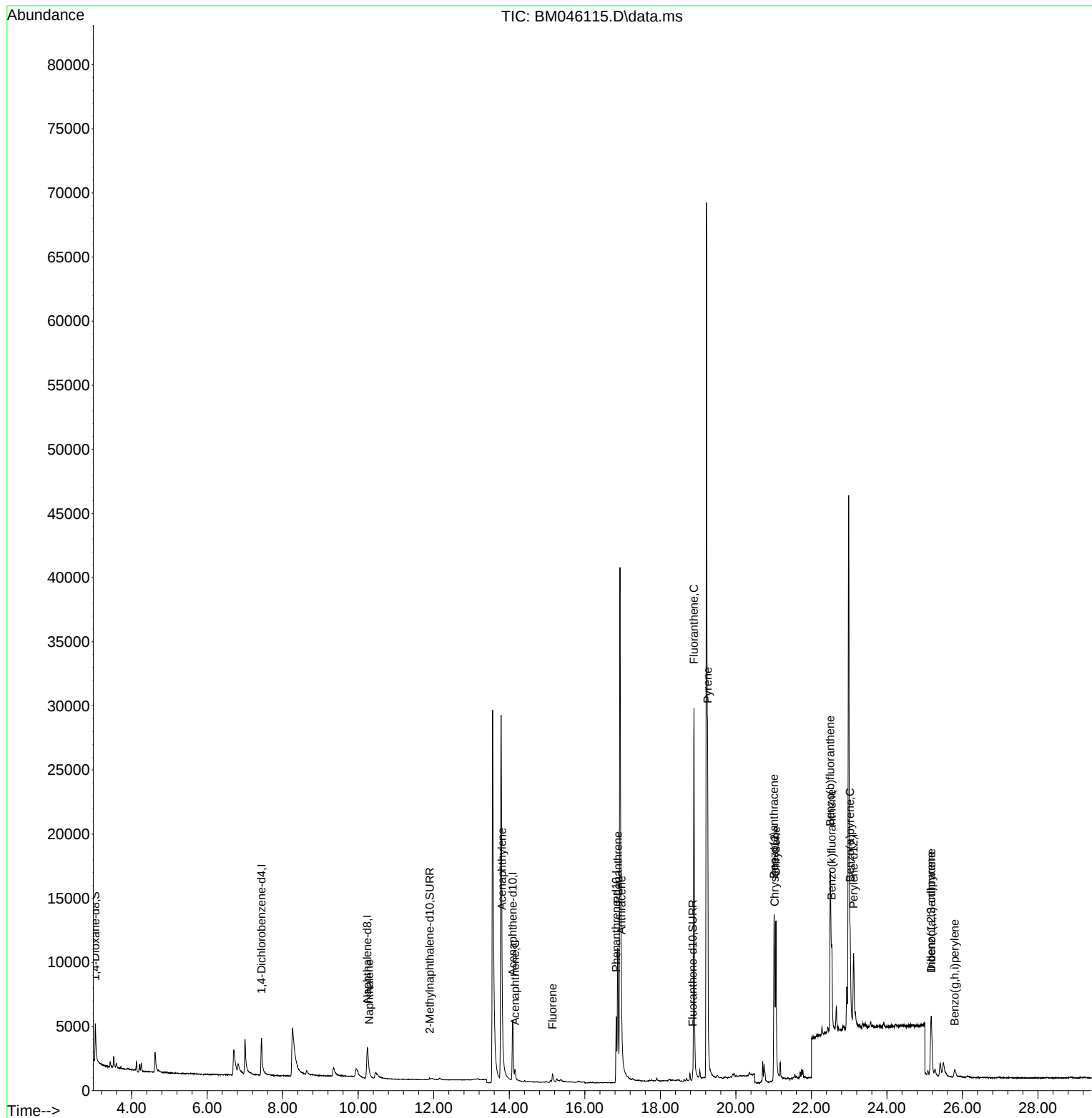
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046115.D
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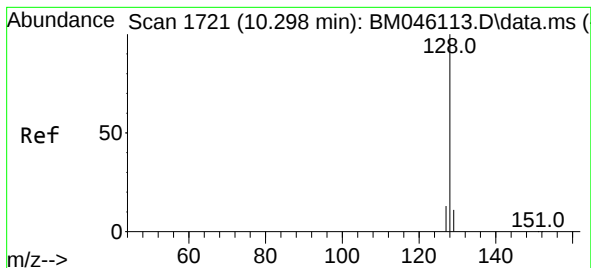
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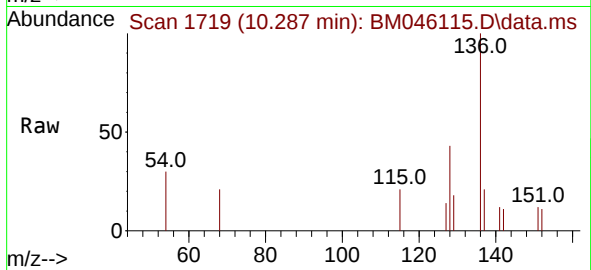
Quant Time: Jun 20 11:01:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.287 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

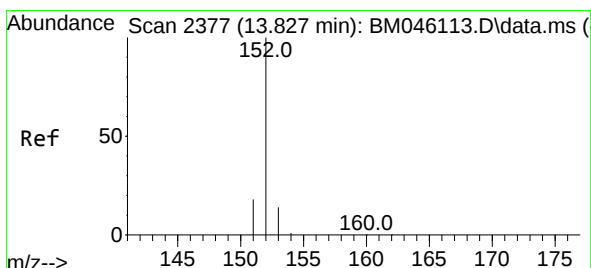
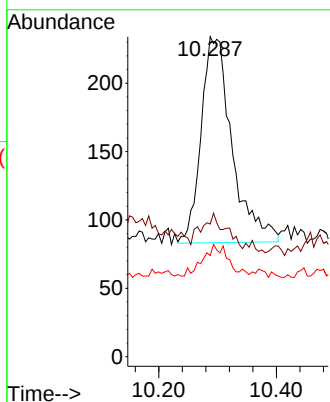
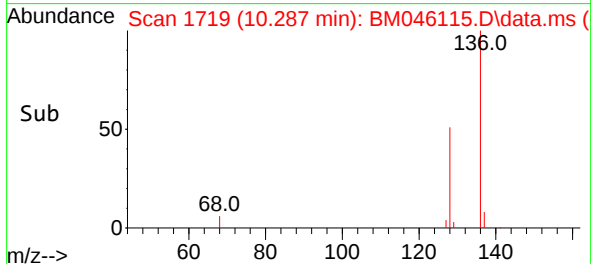
Instrument :
BNA_M
ClientSampleId :
A4BJ4DL



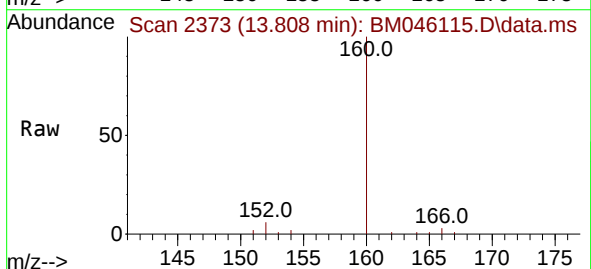
Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
129 41.5 11.8 17.6
127 31.6 12.8 19.2

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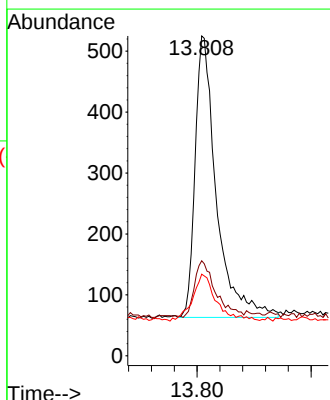
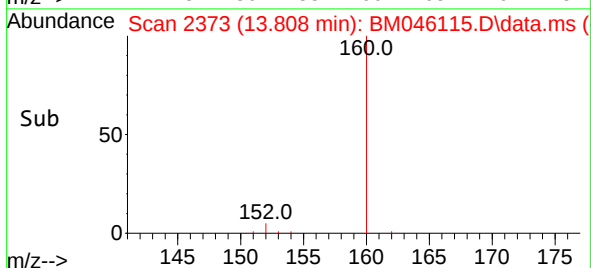
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

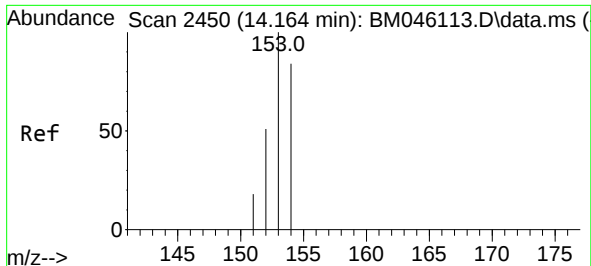


#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.808 min Scan# 2373
Delta R.T. -0.027 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15



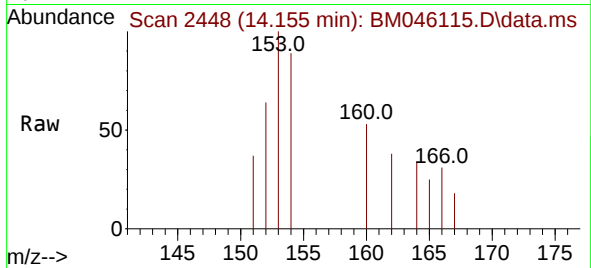
Tgt Ion:152 Resp: 1197
Ion Ratio Lower Upper
152 100
151 29.7 17.4 26.2#
153 25.5 11.8 17.8#





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.017 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

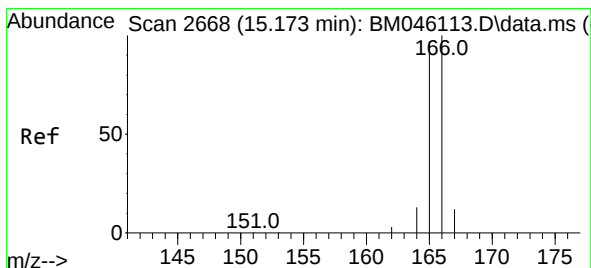
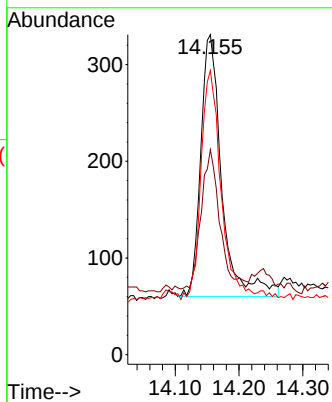
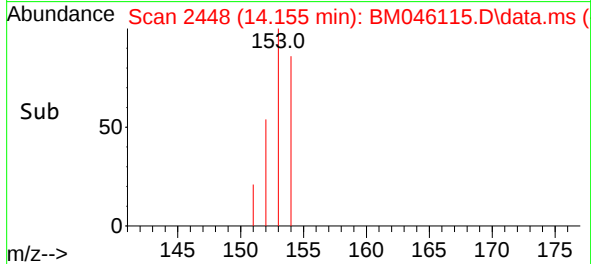
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BNA_M
ClientSampleId :
A4BJ4DL



Tgt Ion:153 Resp: 620
Ion Ratio Lower Upper
153 100
152 64.0 41.3 61.9
154 88.8 68.2 102.4

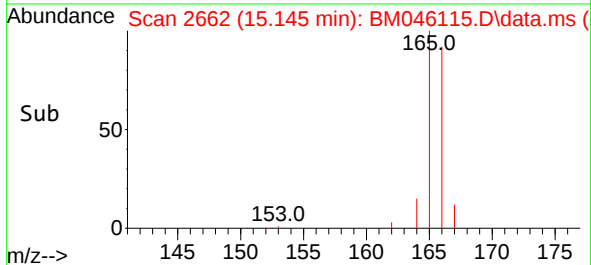
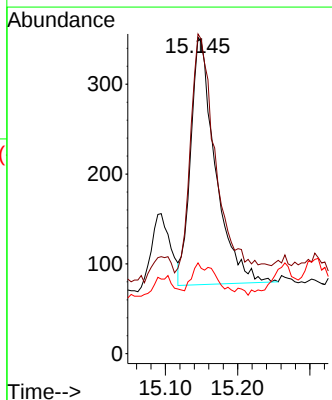
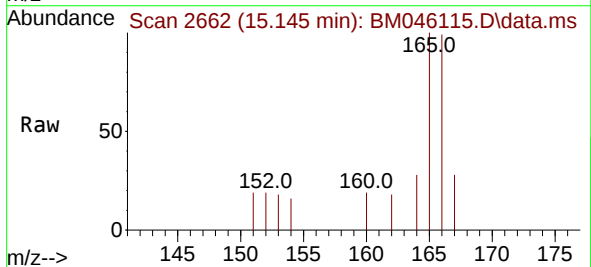
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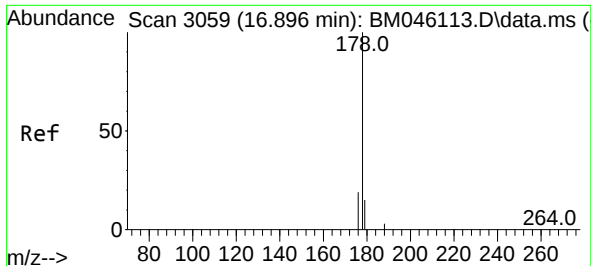
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.145 min Scan# 2662
Delta R.T. -0.036 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

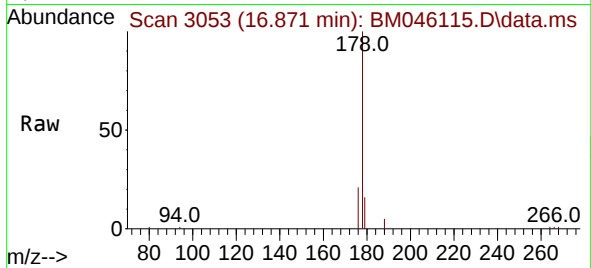
Tgt Ion:166 Resp: 653
Ion Ratio Lower Upper
166 100
165 101.1 80.4 120.6
167 28.7 12.4 18.6





#15
Phenanthrene
Concen: 0.655 ng/ul
RT: 16.871 min Scan# 3053
Delta R.T. -0.033 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

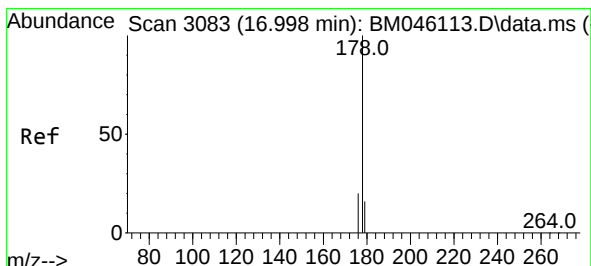
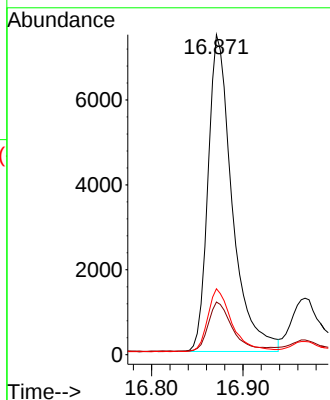
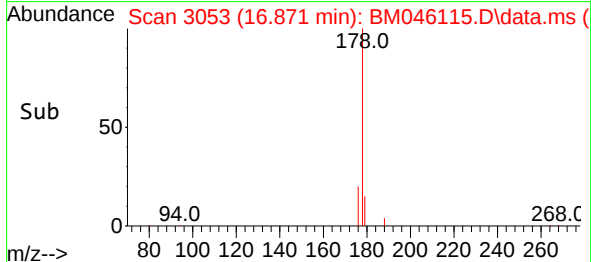
Instrument :
BNA_M
ClientSampleId :
A4BJ4DL



Tgt Ion:178 Resp: 13734
Ion Ratio Lower Upper
178 100
179 16.4 14.2 21.2
176 20.6 17.1 25.7

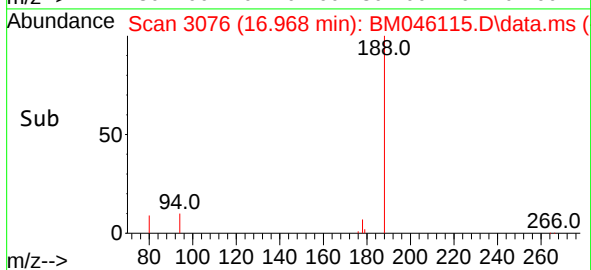
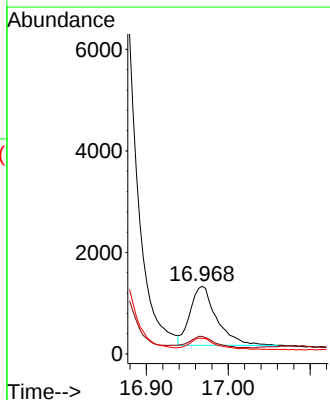
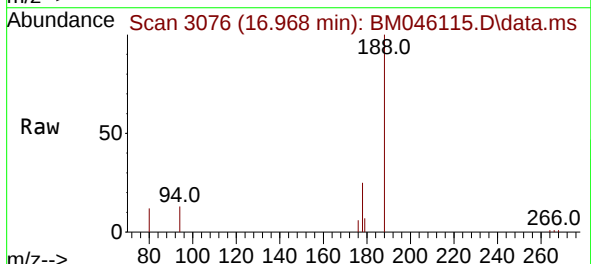
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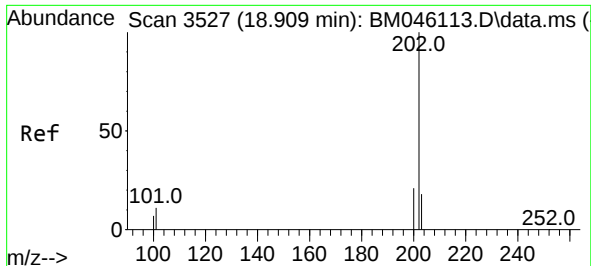
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.168 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.037 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

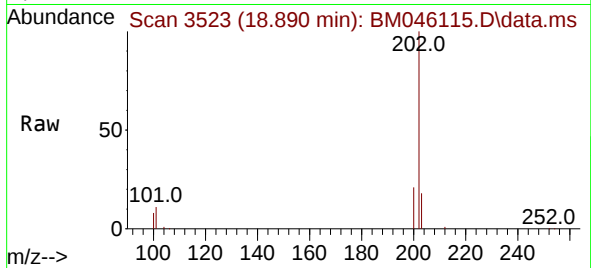
Tgt Ion:178 Resp: 2617
Ion Ratio Lower Upper
178 100
179 26.1 14.9 22.3#
176 23.2 17.0 25.4





#19
Fluoranthene
Concen: 1.116 ng/u1
RT: 18.890 min Scan# 3523
Delta R.T. -0.027 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

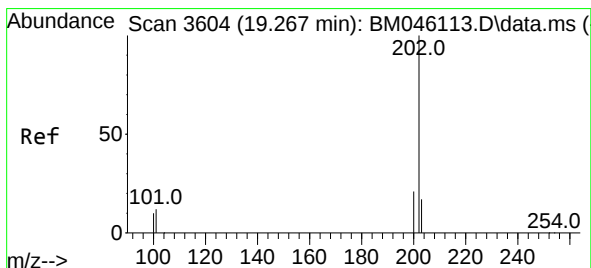
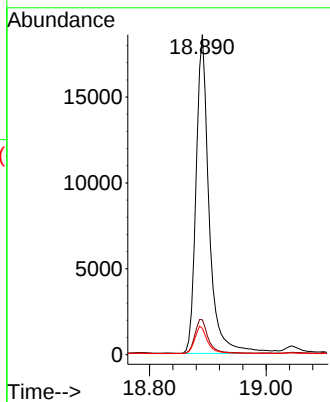
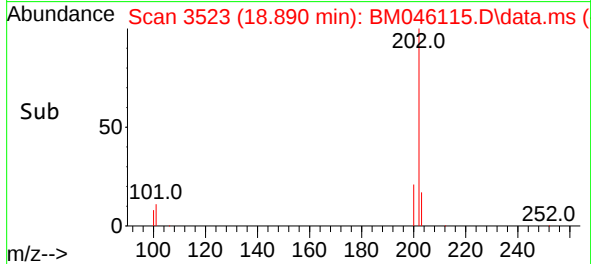
Instrument :
BNA_M
ClientSampleId :
A4BJ4DL



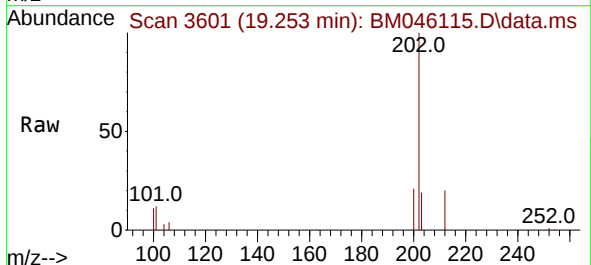
Tgt Ion:202 Resp: 2906
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.2 7.6 11.4

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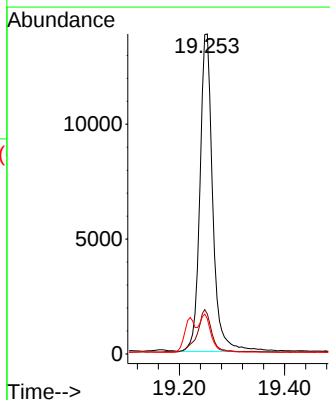
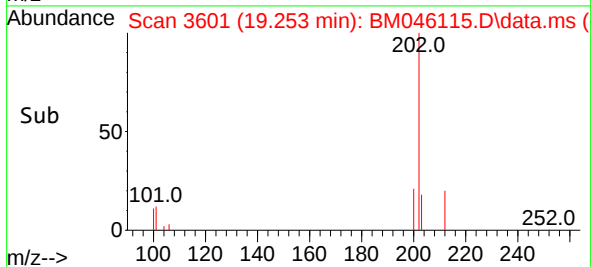
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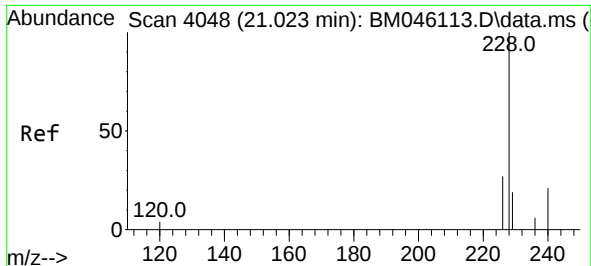


#20
Pyrene
Concen: 0.829 ng/u1
RT: 19.253 min Scan# 3601
Delta R.T. -0.022 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15



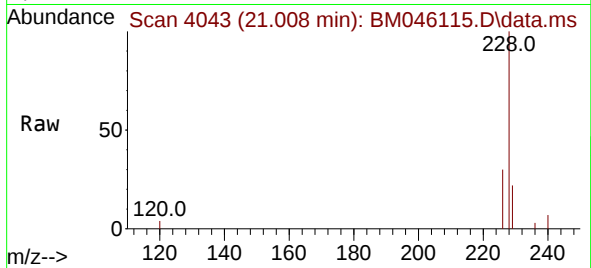
Tgt Ion:202 Resp: 23355
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.549 ng/ul
RT: 21.008 min Scan# 4043
Delta R.T. -0.021 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

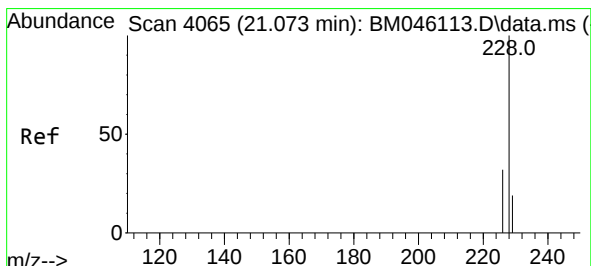
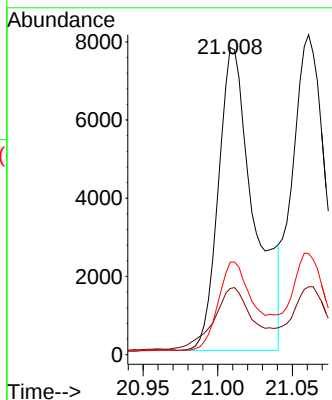
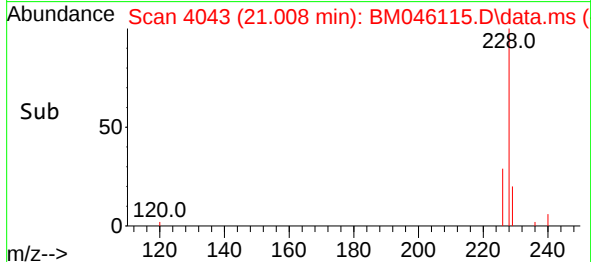
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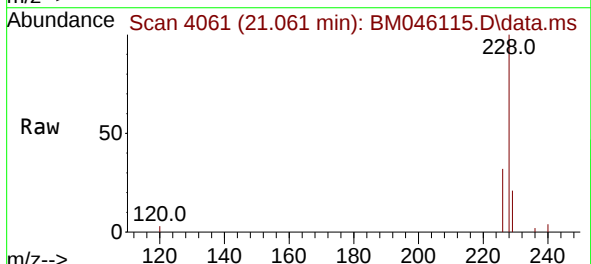
Tgt Ion:228 Resp: 12762
Ion Ratio Lower Upper
228 100
229 21.6 16.4 24.6
226 30.1 23.4 35.2

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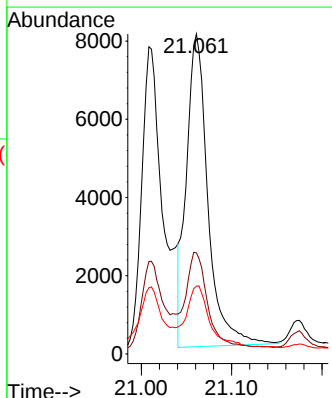
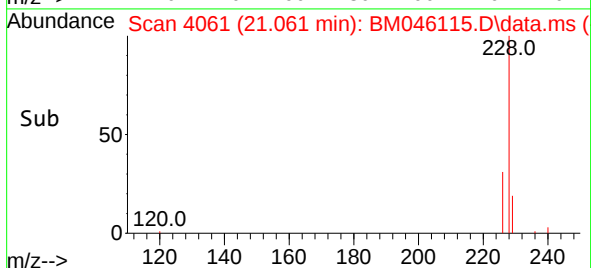
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

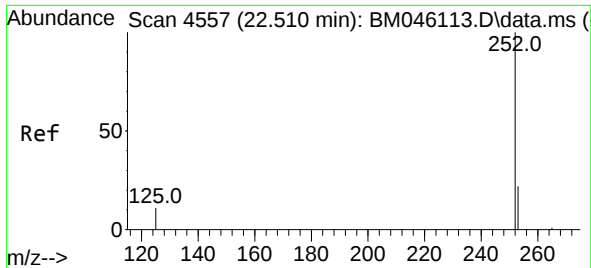


#22
Chrysene
Concen: 0.446 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.015 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15



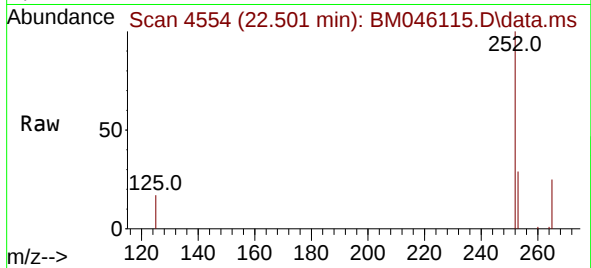
Tgt Ion:228 Resp: 13234
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.789 ng/ul m
RT: 22.501 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

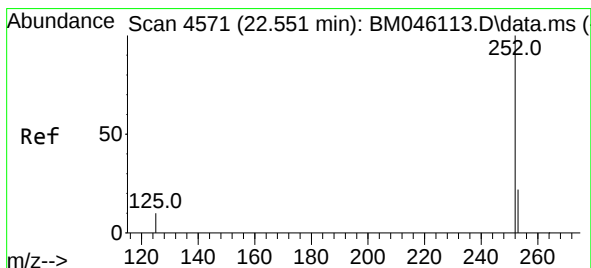
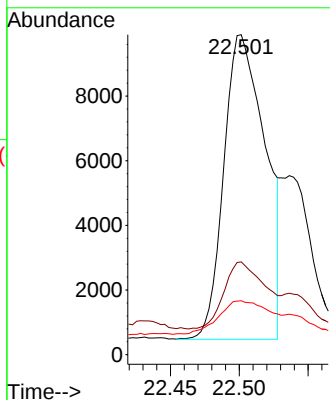
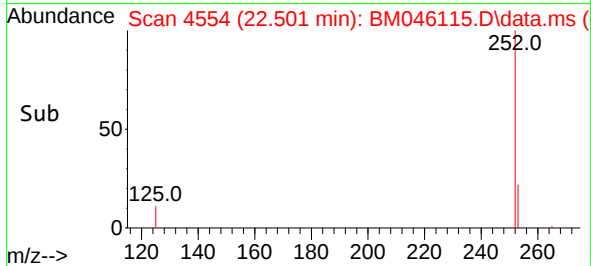
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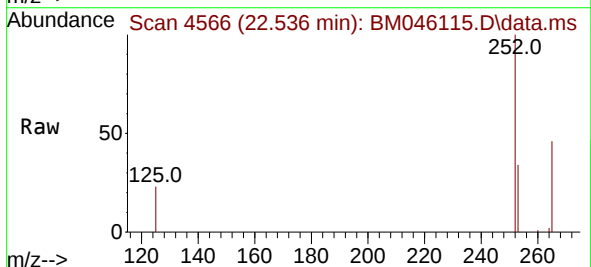
Tgt Ion:252 Resp: 1974
Ion Ratio Lower Upper
252 100
253 29.0 0.0 65.8
125 16.9 0.0 40.2

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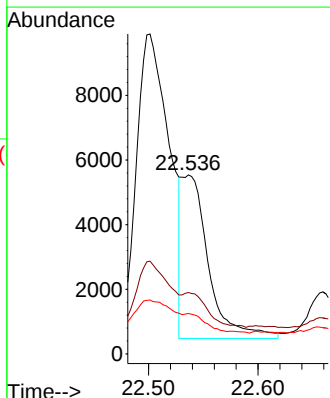
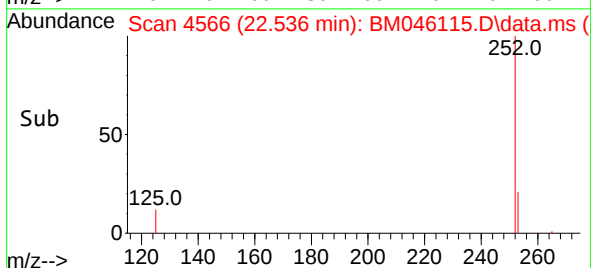
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

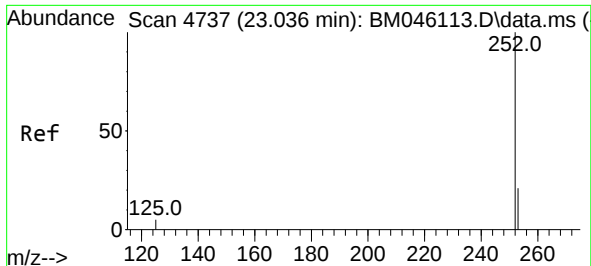


#25
Benzo(k)fluoranthene
Concen: 0.291 ng/ul m
RT: 22.536 min Scan# 4566
Delta R.T. -0.027 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15



Tgt Ion:252 Resp: 8669
Ion Ratio Lower Upper
252 100
253 34.3 27.2 40.8
125 22.6 16.6 25.0





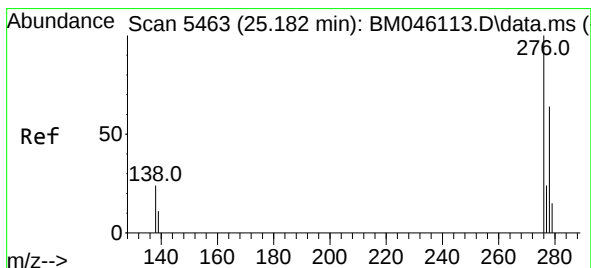
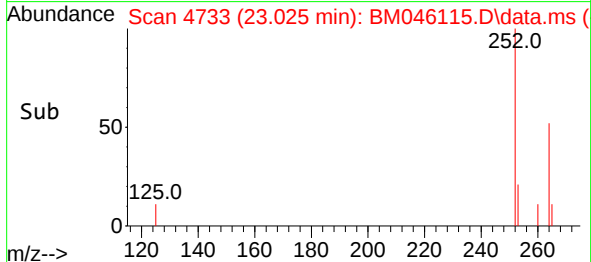
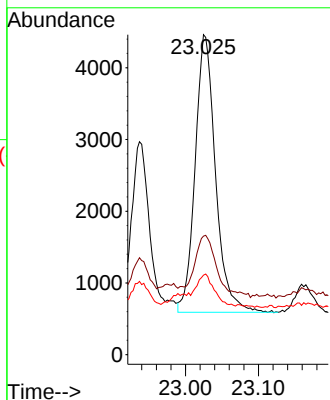
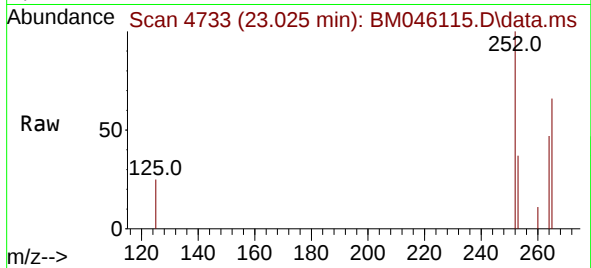
#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.030 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

Instrument :
BNA_M
ClientSampleId :
A4BJ4DL

Tgt Ion:252 Resp: 7514
Ion Ratio Lower Upper
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125 24.8 21.2 31.8

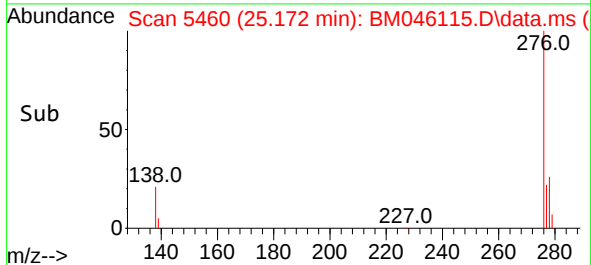
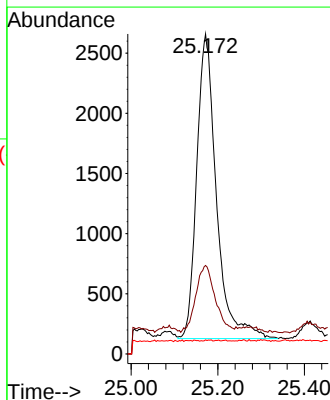
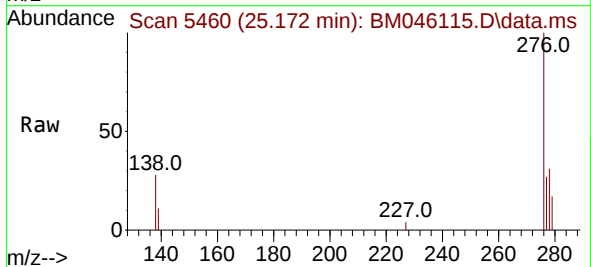
Manual Integrations
APPROVED

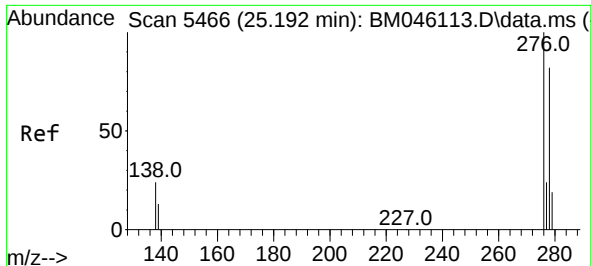
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.031 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

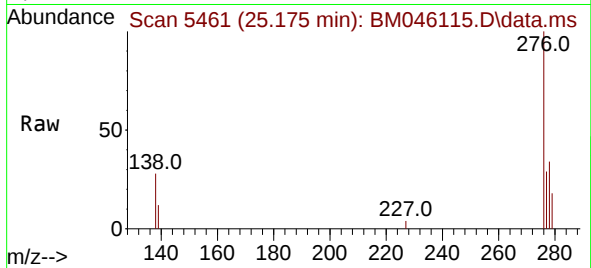
Tgt Ion:276 Resp: 7980
Ion Ratio Lower Upper
276 100
138 21.6 21.0 31.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.041 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15

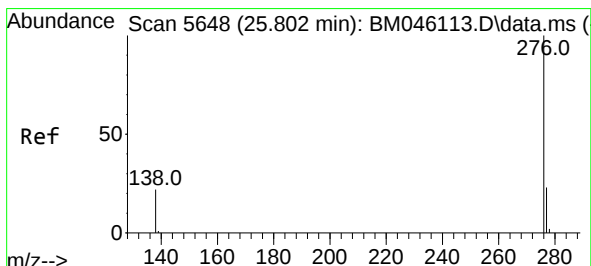
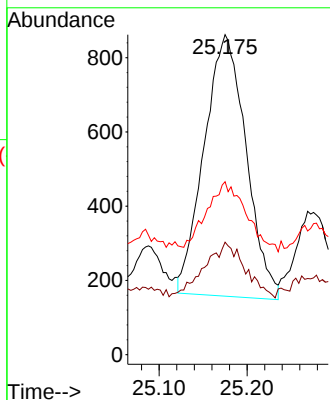
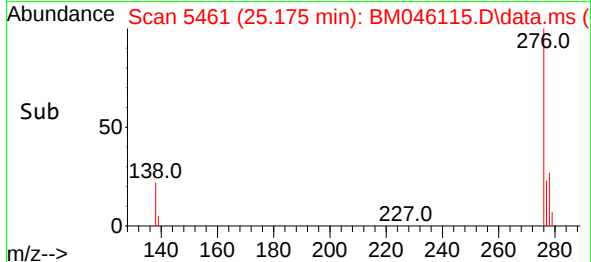
Instrument :
BNA_M
ClientSampleId :
A4BJ4DL



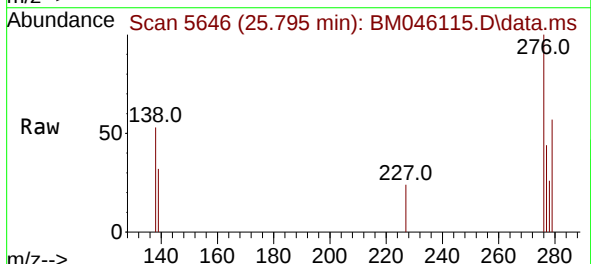
Tgt Ion:278 Resp: 2330
Ion Ratio Lower Upper
278 100
139 35.2 17.6 26.4#
279 54.1 26.3 39.5#

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 25.795 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046115.D
Acq: 20 Jun 2024 10:15



Tgt Ion:276 Resp: 1292
Ion Ratio Lower Upper
276 100
138 52.7 21.7 32.5#
277 43.8 20.4 30.6#

