

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038083.D
 Acq On : 17 Dec 2022 01:04
 Operator : CG/JU
 Sample : N5925-22
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYE4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 01:50:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5523	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18321	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	10957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	23551	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	18579	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	17866	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	22467	2.976	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.445	152	6579	0.246	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	14950	0.222	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1340	0.024	ng/ul#	81
10) Acenaphthylene	14.402	152	4338	0.076	ng/ul#	92
12) Fluorene	15.725	166	1572	0.033	ng/ul#	94
14) Pentachlorophenol	17.067	266	11460	1.175	ng/ul	99
15) Phenanthrene	17.459	178	10802	0.136	ng/ul	97
16) Anthracene	17.548	178	14866	0.203	ng/ul	98
19) Fluoranthene	19.464	202	20934	0.218	ng/ul	99
20) Pyrene	19.826	202	27724m	0.283	ng/ul	
21) Benzo(a)anthracene	21.565	228	41183	0.513	ng/ul	99
22) Chrysene	21.620	228	76990	0.951	ng/ul	99
24) Benzo(b)fluoranthene	23.287	252	78769	0.930	ng/ul	93
25) Benzo(k)fluoranthene	23.330	252	25808m	0.316	ng/ul	
26) Benzo(a)pyrene	23.930	252	40305	0.565	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.602	276	25037	0.280	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.615	278	7961	0.114	ng/ul#	83
29) Benzo(g,h,i)perylene	27.397	276	17554	0.231	ng/ul	97

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

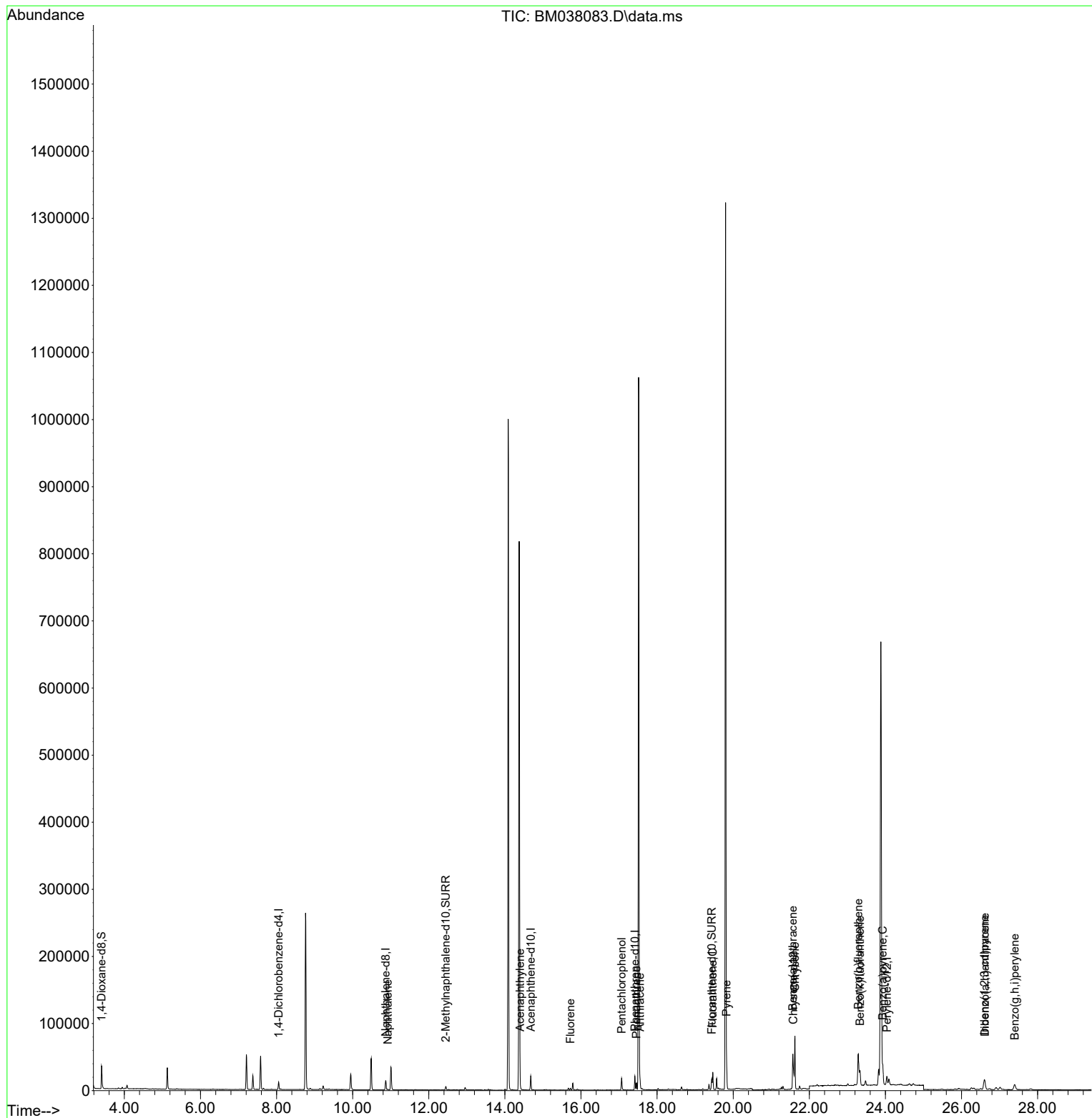
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038083.D
Acq On : 17 Dec 2022 01:04
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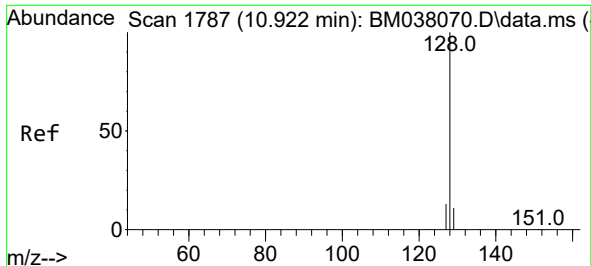
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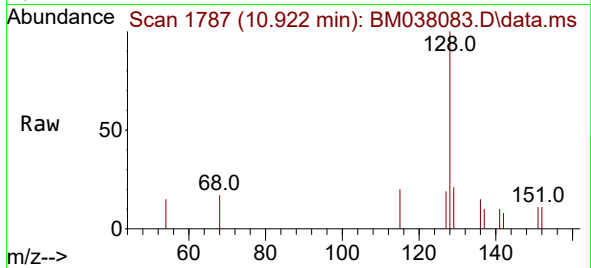
Quant Time: Dec 17 01:50:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

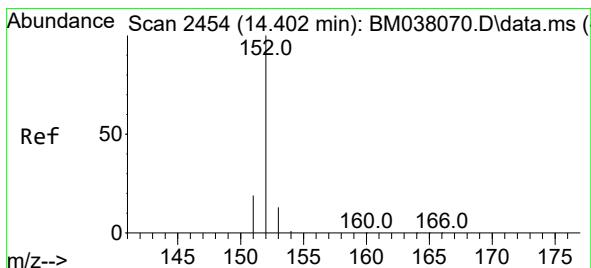
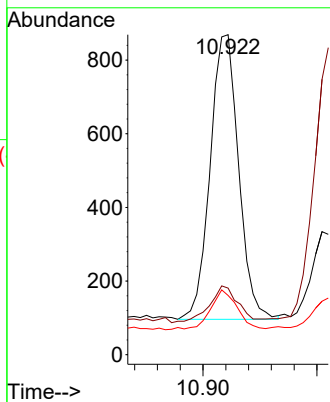
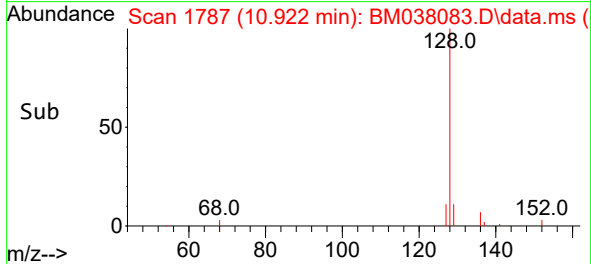
Instrument :
BNA_M
ClientSampleId :
DBYE4



Tgt Ion:128 Resp: 1340
Ion Ratio Lower Upper
128 100
129 20.8 9.1 13.7
127 18.5 10.4 15.6

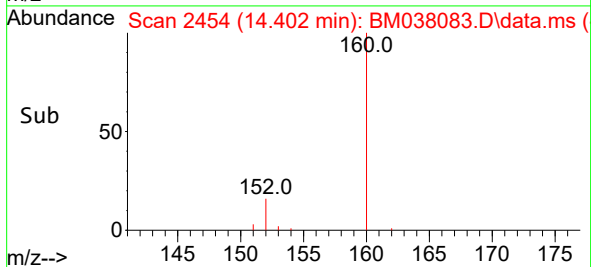
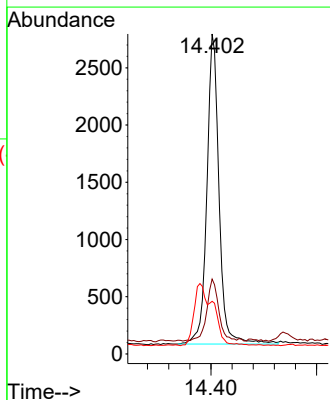
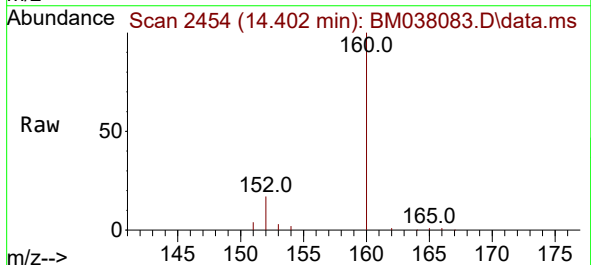
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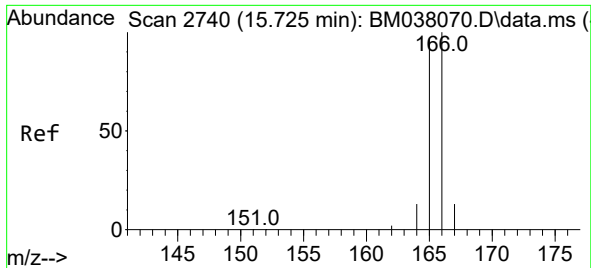
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

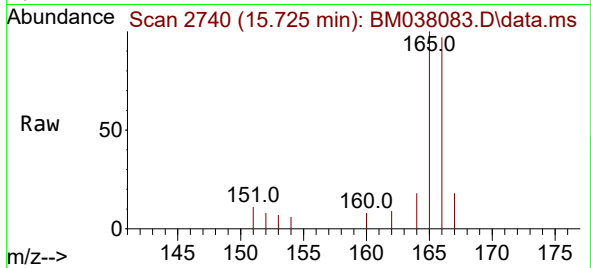
Tgt Ion:152 Resp: 4338
Ion Ratio Lower Upper
152 100
151 23.4 15.5 23.3#
153 16.5 11.0 16.4#





#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

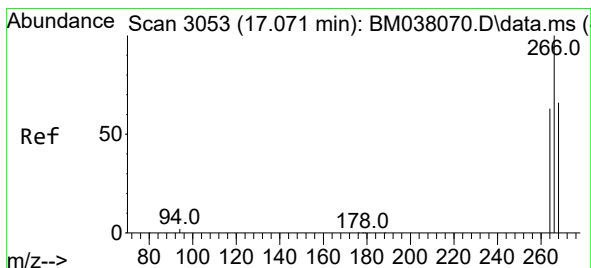
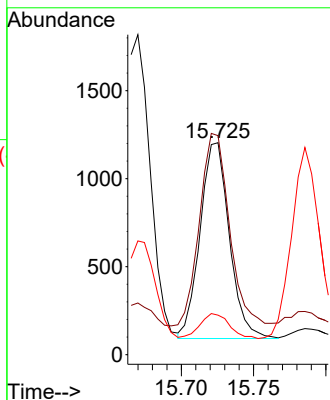
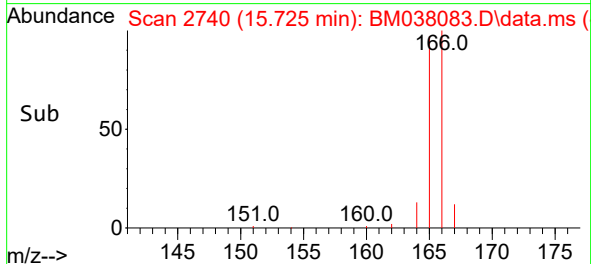
Instrument :
BNA_M
ClientSampleId :
DBYE4



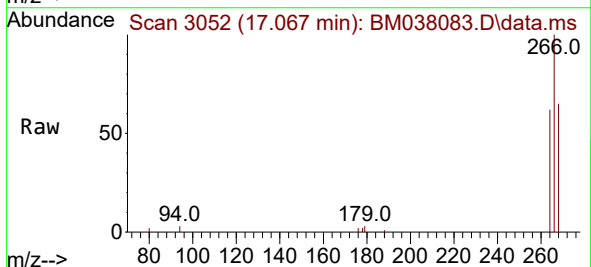
Tgt Ion:166 Resp: 1572
Ion Ratio Lower Upper
166 100
165 103.3 79.0 118.4
167 18.6 11.1 16.7

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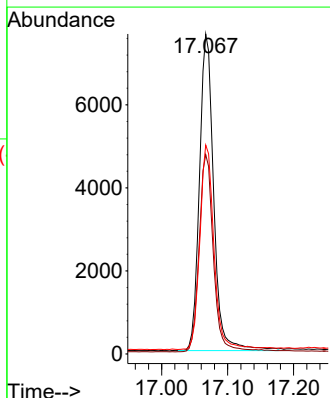
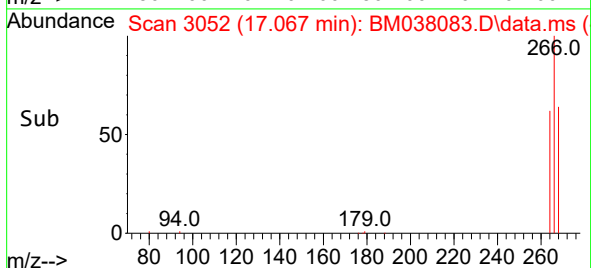
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

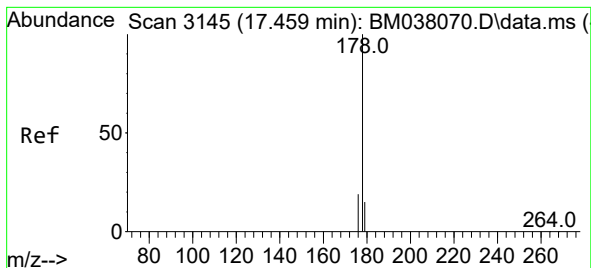


#14
Pentachlorophenol
Concen: 1.175 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.004 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04



Tgt Ion:266 Resp: 11460
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 64.4 52.0 78.0





#15

Phenanthrene

Concen: 0.136 ng/u1

RT: 17.459 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BM038083.D

Acq: 17 Dec 2022 01:04

Instrument :

BNA_M

ClientSampleId :

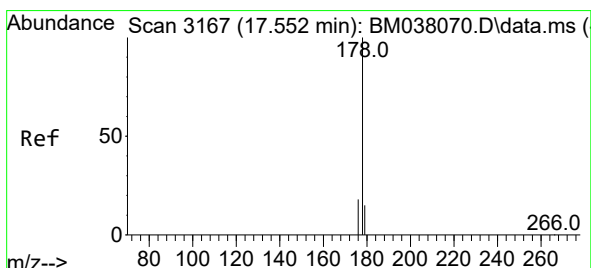
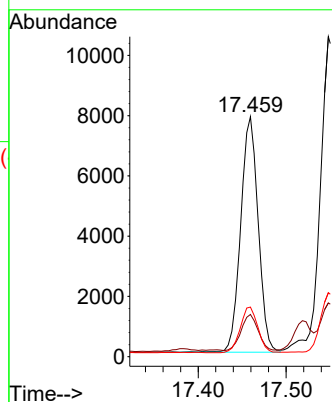
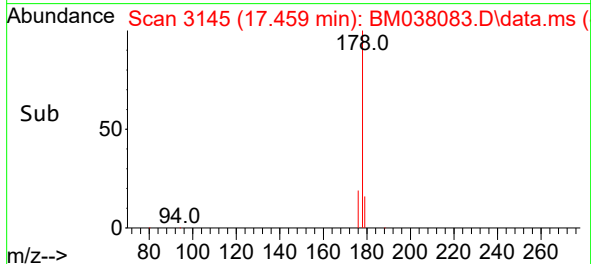
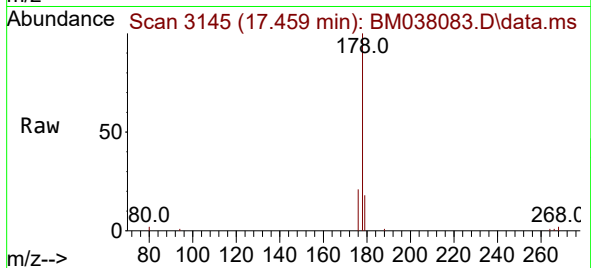
DBYE4

Tgt Ion:178	Resp:	10802
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.6 19.0
176	20.6	15.8 23.6

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#16

Anthracene

Concen: 0.203 ng/u1

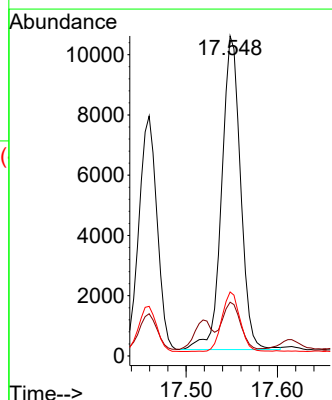
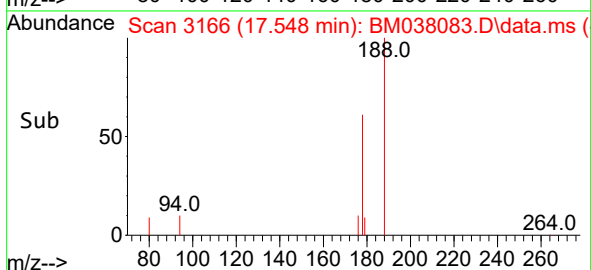
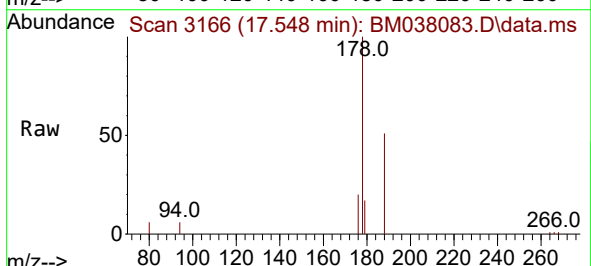
RT: 17.548 min Scan# 3166

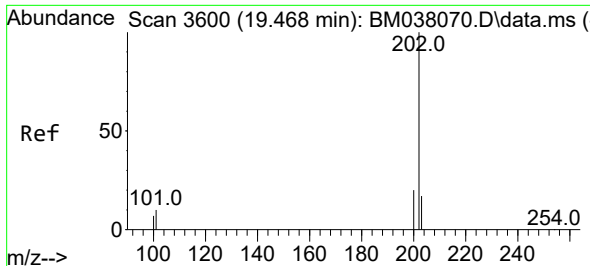
Delta R.T. -0.008 min

Lab File: BM038083.D

Acq: 17 Dec 2022 01:04

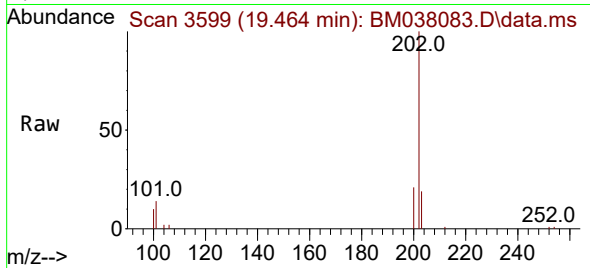
Tgt Ion:178	Resp:	14866
Ion Ratio	Lower	Upper
178	100	
179	16.8	13.0 19.4
176	20.0	15.0 22.4





#19
Fluoranthene
Concen: 0.218 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

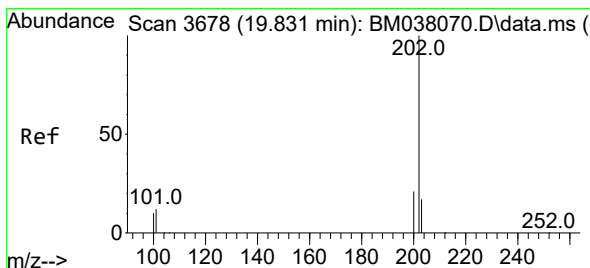
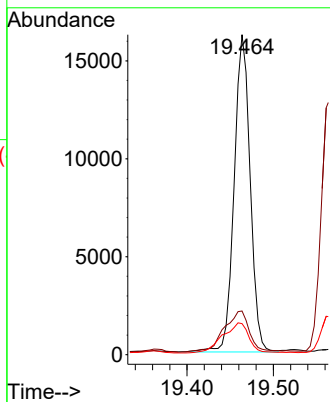
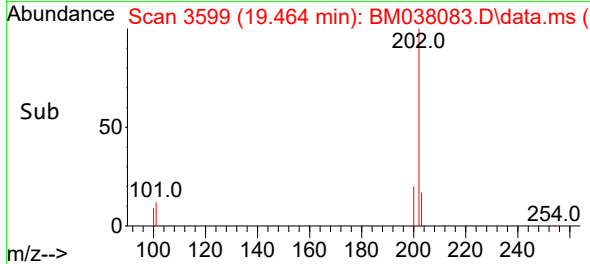
Instrument :
BNA_M
ClientSampleId :
DBYE4



Tgt Ion:202 Resp: 20934
Ion Ratio Lower Upper
202 100
101 13.6 10.6 15.8
100 9.7 7.9 11.9

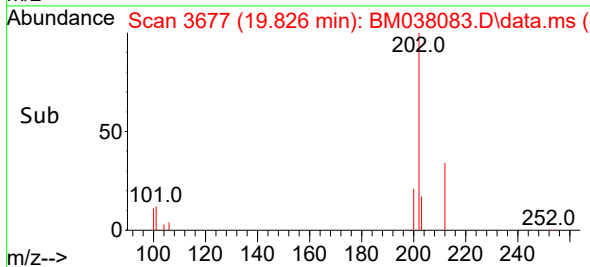
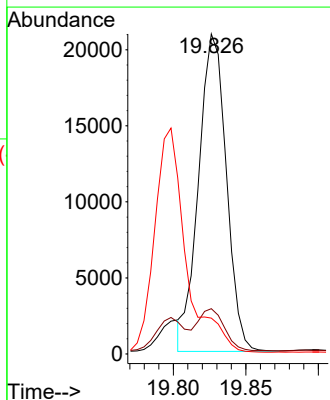
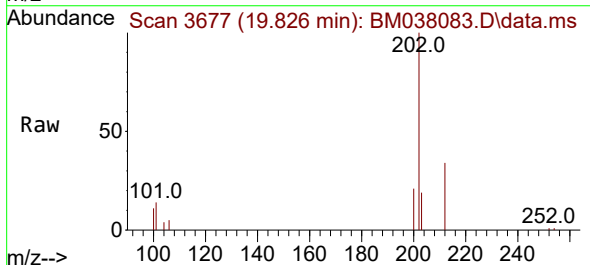
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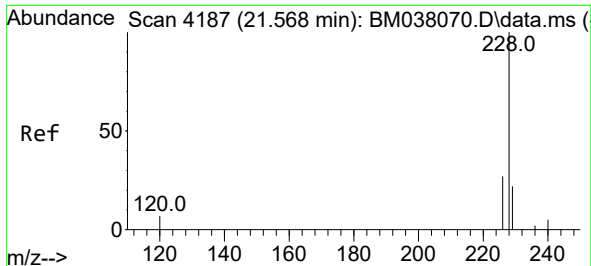
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#20
Pyrene
Concen: 0.283 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

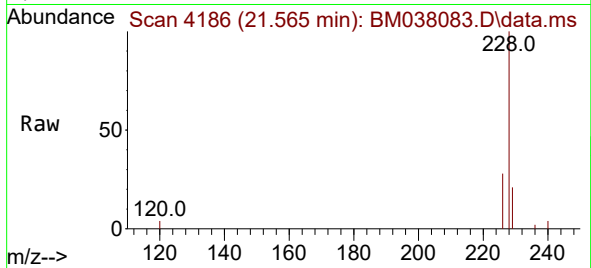
Tgt Ion:202 Resp: 27724
Ion Ratio Lower Upper
202 100
101 14.1 12.1 18.1
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.513 ng/ul
RT: 21.565 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

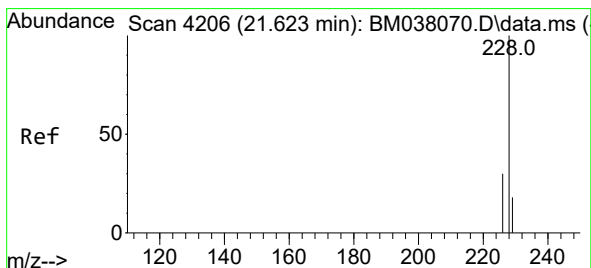
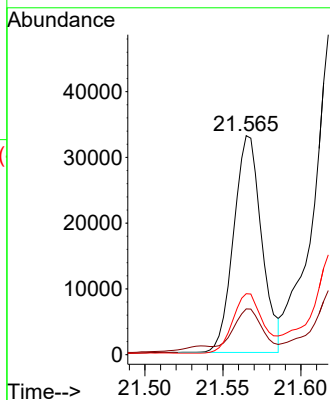
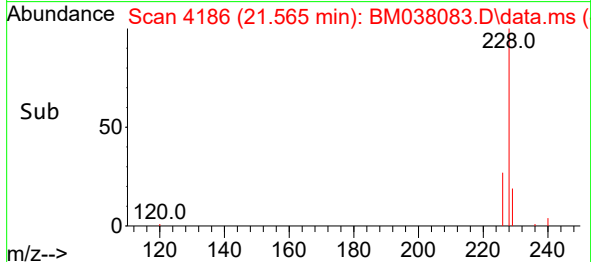
Instrument :
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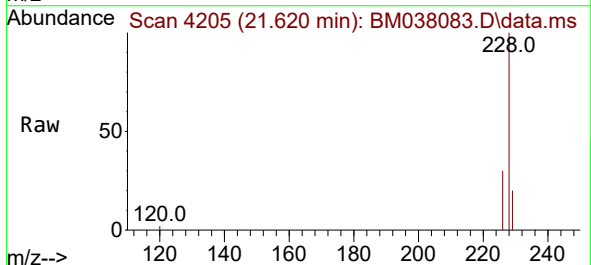
Tgt Ion:228 Resp: 4118
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 27.8 22.1 33.1

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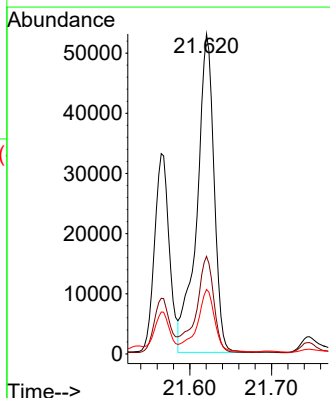
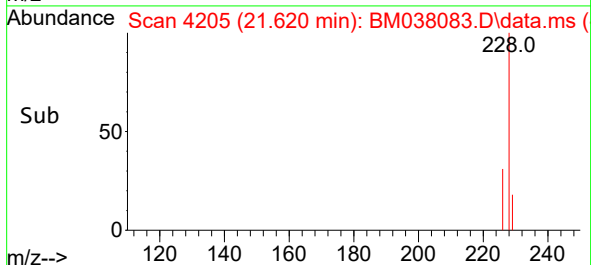
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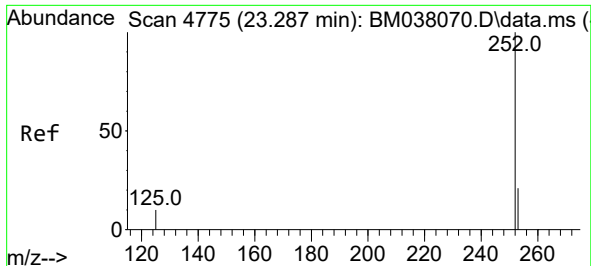


#22
Chrysene
Concen: 0.951 ng/ul
RT: 21.620 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04



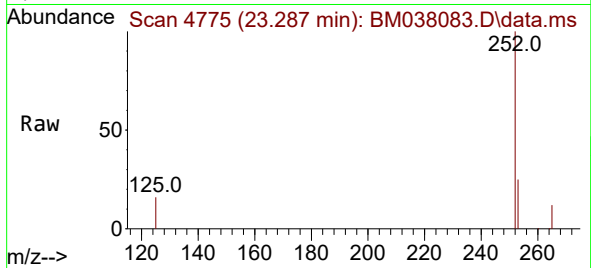
Tgt Ion:228 Resp: 76990
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 20.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.930 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. -0.000 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

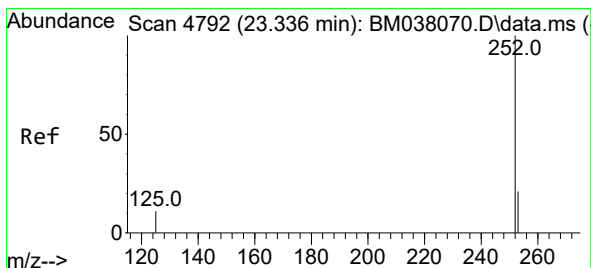
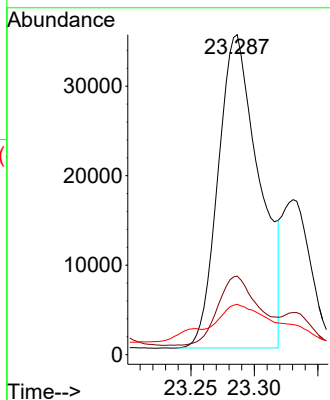
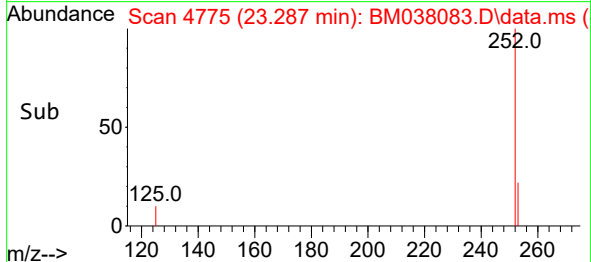
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ClientSampleId :
DBYE4



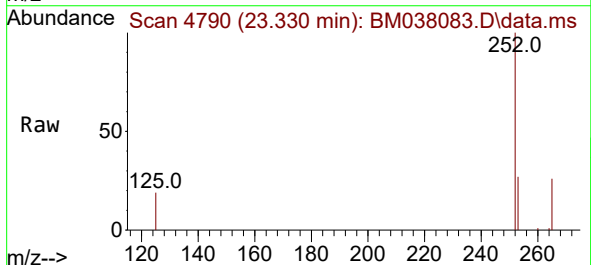
Tgt Ion:252 Resp: 78769
Ion Ratio Lower Upper
252 100
253 24.6 0.0 51.8
125 15.8 0.0 42.2

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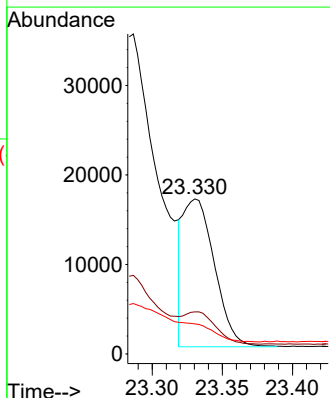
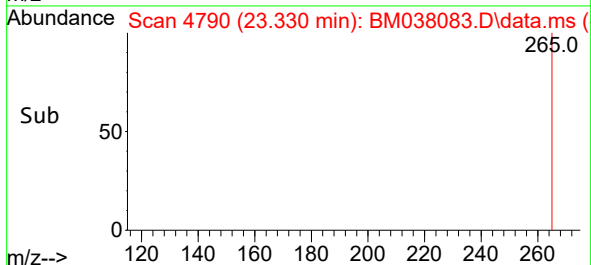
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Supervised By :mohammad ahmed 12/19/2022

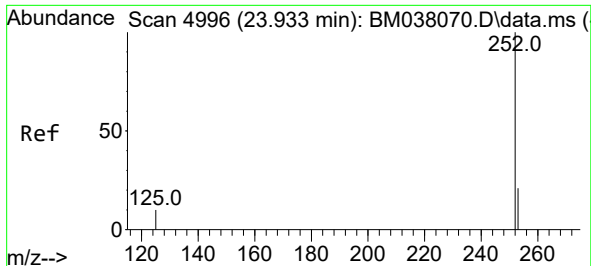


#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul m
RT: 23.330 min Scan# 4790
Delta R.T. -0.006 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04



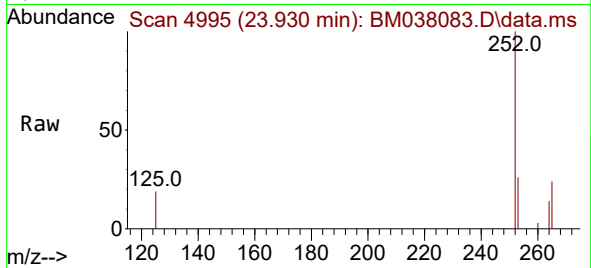
Tgt Ion:252 Resp: 25808
Ion Ratio Lower Upper
252 100
253 27.1 20.8 31.2
125 19.4 17.1 25.7





#26
Benzo(a)pyrene
Concen: 0.565 ng/ul
RT: 23.930 min Scan# 4996
Delta R.T. 0.000 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

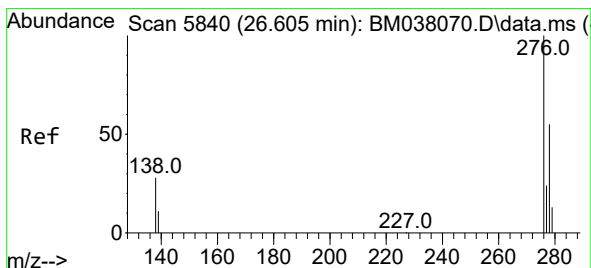
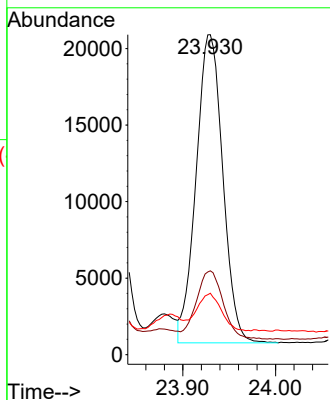
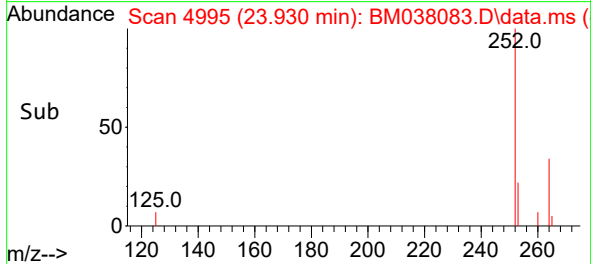
Instrument :
BNA_M
ClientSampleId :
DBYE4



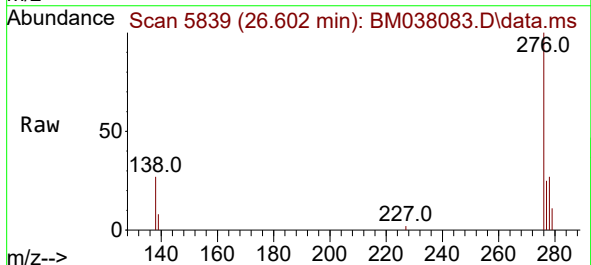
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Ion Ratio Lower Upper
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125 19.2 20.7 31.1

Manual Integrations
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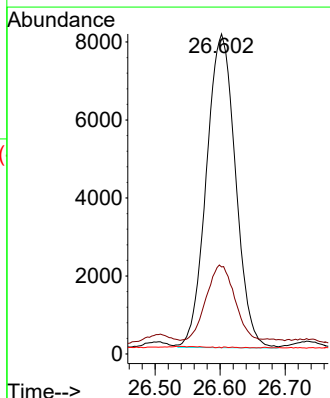
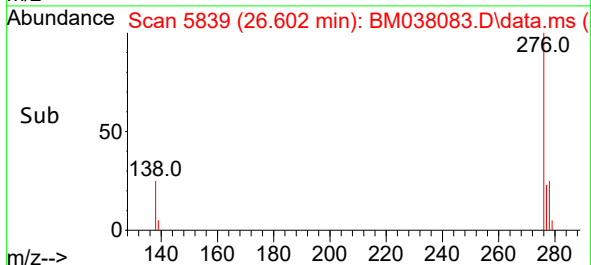
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

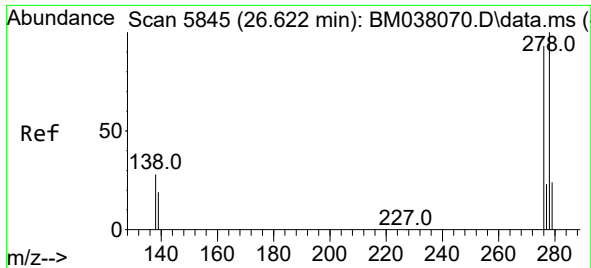


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.007 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04



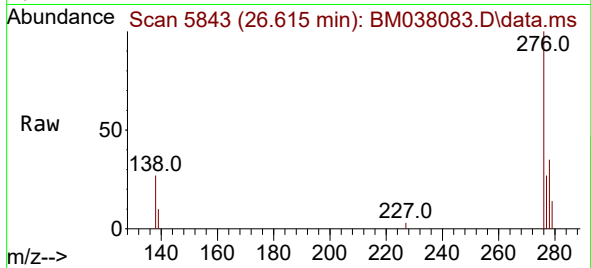
Tgt Ion:276 Resp: 25037
Ion Ratio Lower Upper
276 100
138 24.6 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.007 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04

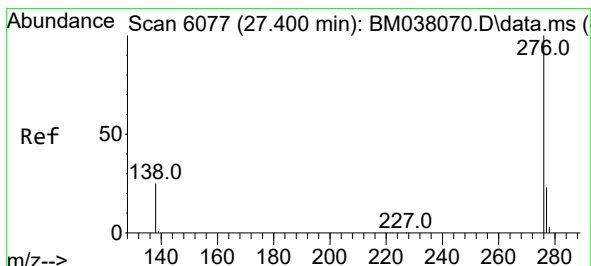
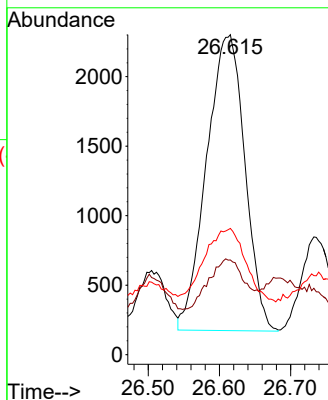
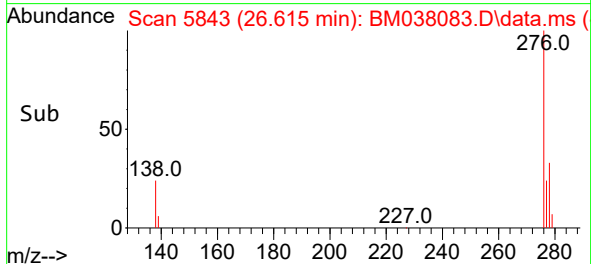
Instrument :
BNA_M
ClientSampleId :
DBYE4



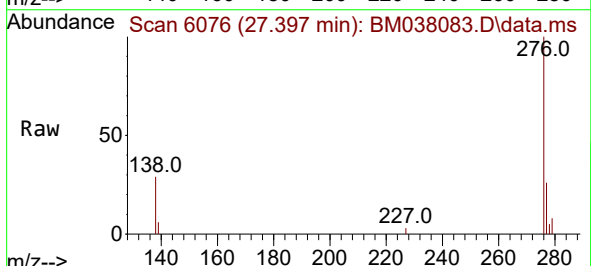
Tgt Ion:278 Resp: 796
Ion Ratio Lower Upper
278 100
139 29.6 19.0 28.6
279 39.4 22.4 33.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 27.397 min Scan# 6076
Delta R.T. -0.003 min
Lab File: BM038083.D
Acq: 17 Dec 2022 01:04



Tgt Ion:276 Resp: 17554
Ion Ratio Lower Upper
276 100
138 29.2 24.1 36.1
277 26.0 19.0 28.6

