

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041843.D
 Acq On : 13 Sep 2023 23:05
 Operator : MA/JU
 Sample : 04235-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 03:38:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	18760	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	8977	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	18867	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	11144	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	12355	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	6715	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1010	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1862	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	4262	0.067	ng/ul	97
7) 2-Methylnaphthalene	12.440	142	3052	0.080	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	1199	0.031	ng/ul	98
11) Acenaphthene	14.680	153	1767	0.041	ng/ul	97
15) Phenanthrene	17.409	178	70886	0.861	ng/ul	99
16) Anthracene	17.497	178	5290	0.074	ng/ul#	94
19) Fluoranthene	19.417	202	271336	3.144	ng/ul	100
20) Pyrene	19.784	202	217216	2.404	ng/ul	100
21) Benzo(a)anthracene	21.518	228	96907	1.318	ng/ul	100
22) Chrysene	21.571	228	129885	1.726	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	201472	2.292	ng/ul	94
25) Benzo(k)fluoranthene	23.249	252	67674m	0.835	ng/ul	
26) Benzo(a)pyrene	23.842	252	88533	1.321	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.444	276	109793	1.065	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.455	278	24929	0.328	ng/ul	96
29) Benzo(g,h,i)perylene	27.229	276	112560	1.291	ng/ul	99

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

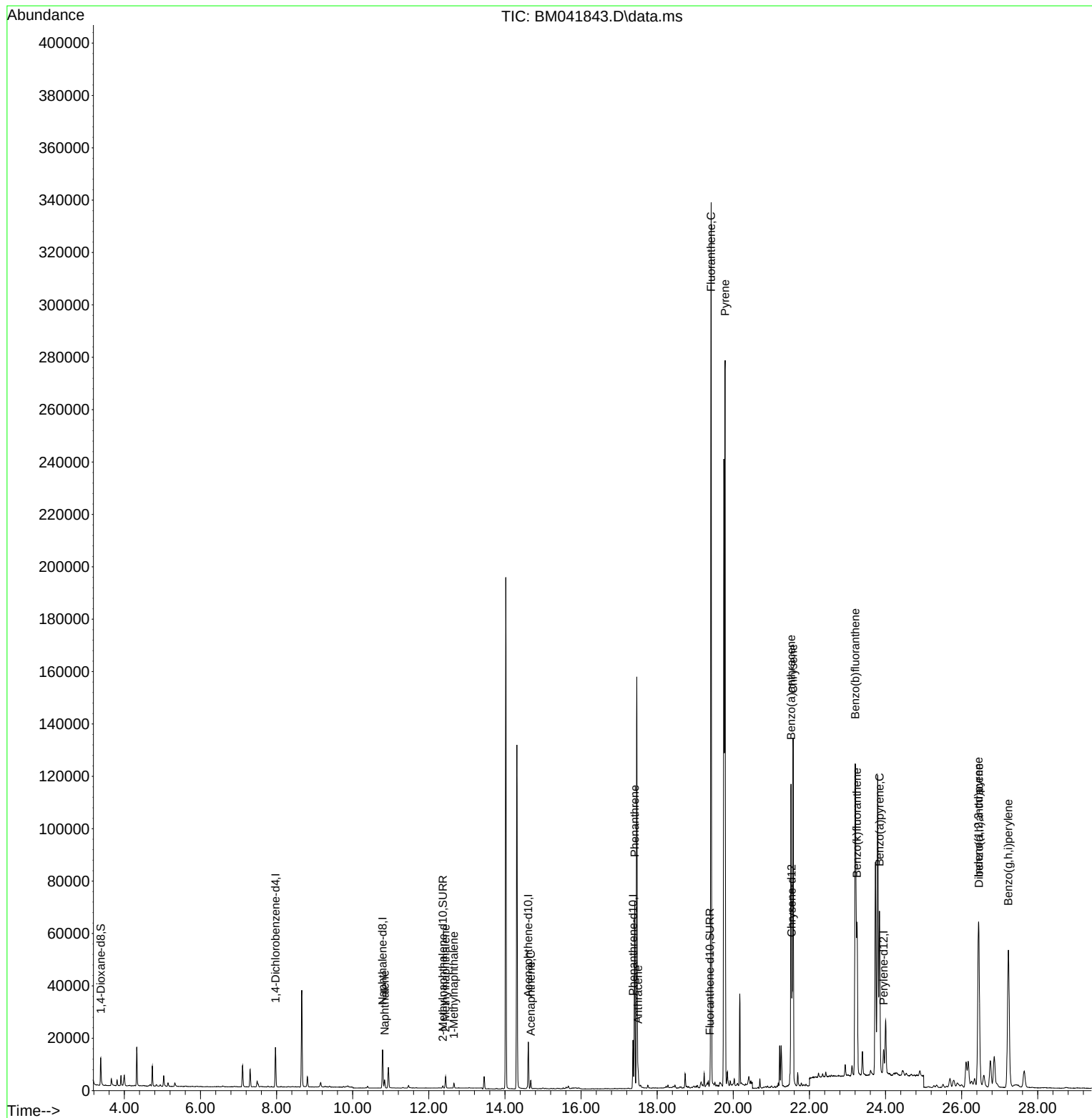
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041843.D
Acq On : 13 Sep 2023 23:05
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ALS Vial : 19 Sample Multiplier: 1

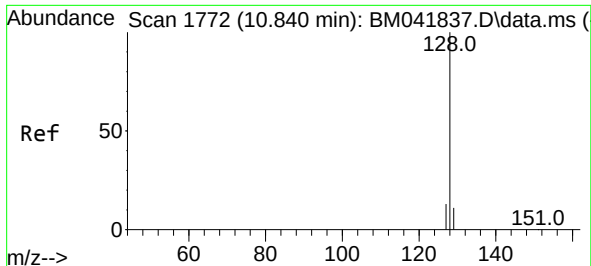
Instrument :
BNA_M
ClientSampleId :
EZYD9DL

Quant Time: Sep 14 03:38:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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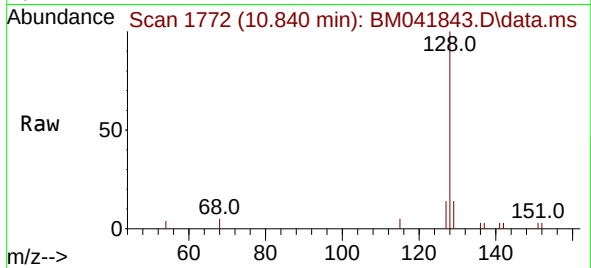
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023





#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

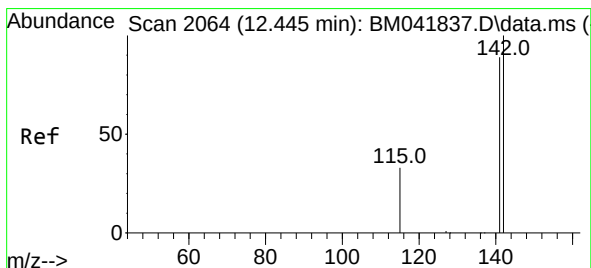
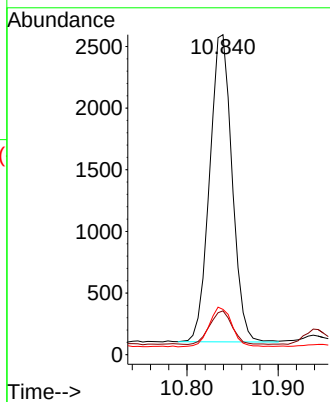
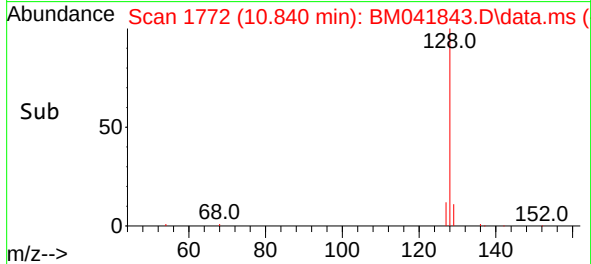
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion:128 Resp: 4262
Ion Ratio Lower Upper
128 100
129 13.7 9.5 14.3
127 14.1 10.7 16.1

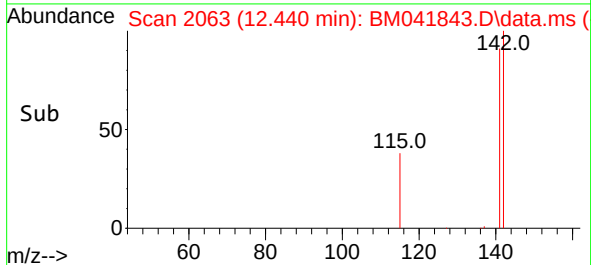
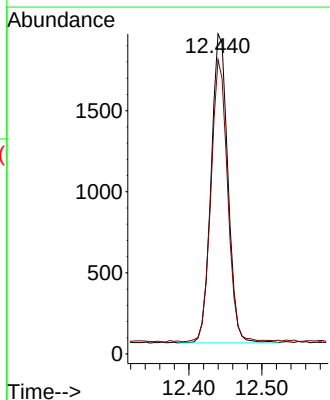
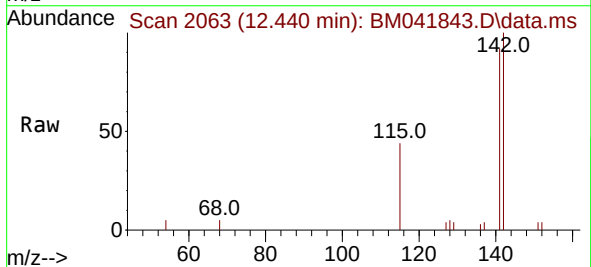
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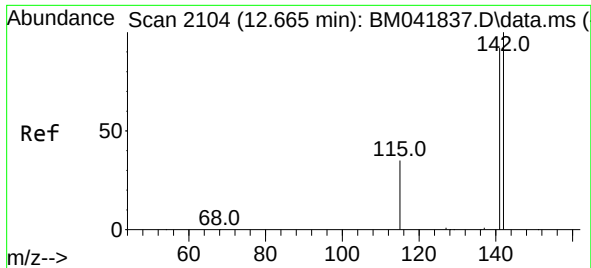
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

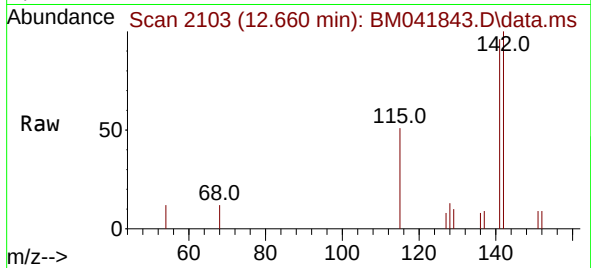
Tgt Ion:142 Resp: 3052
Ion Ratio Lower Upper
142 100
141 90.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.660 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

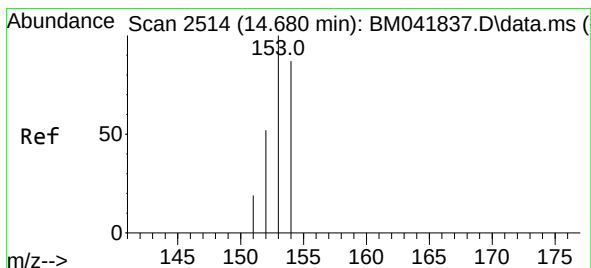
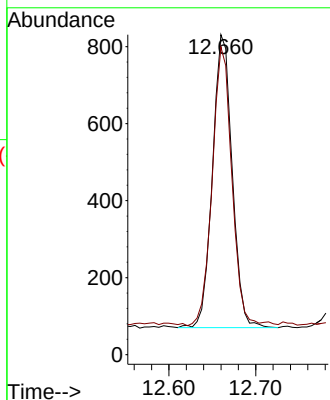
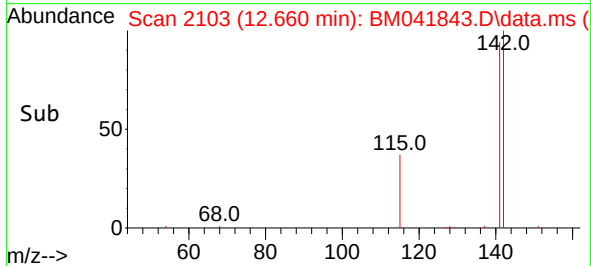
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion:142 Resp: 1199
Ion Ratio Lower Upper
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141 95.2 74.3 111.5

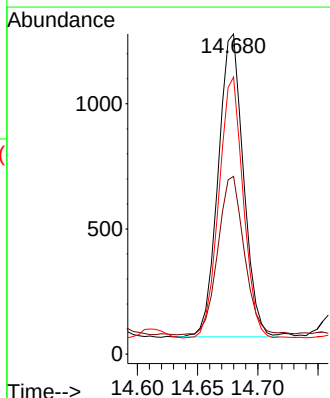
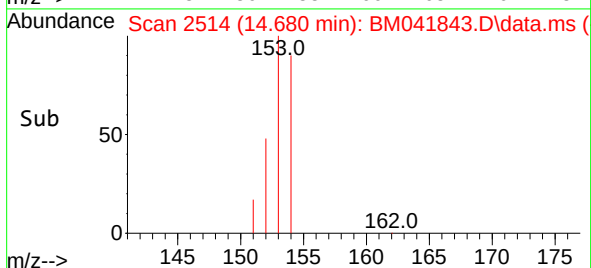
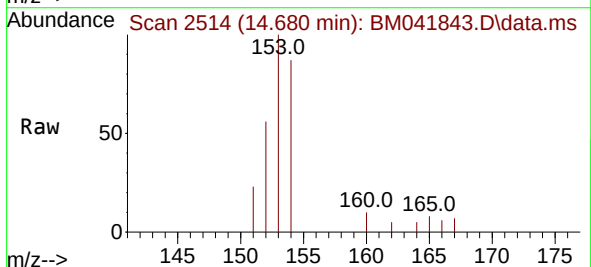
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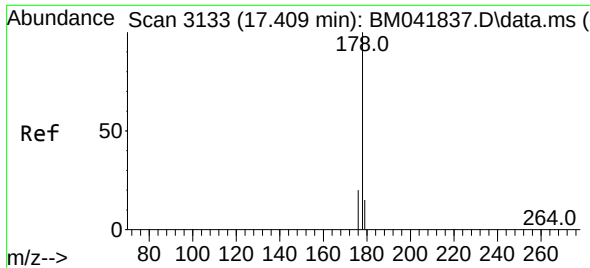
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

Tgt Ion:153 Resp: 1767
Ion Ratio Lower Upper
153 100
152 55.5 41.5 62.3
154 86.6 70.7 106.1





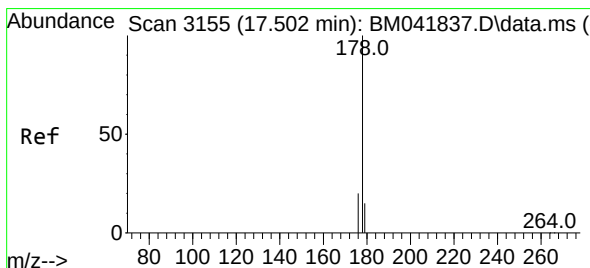
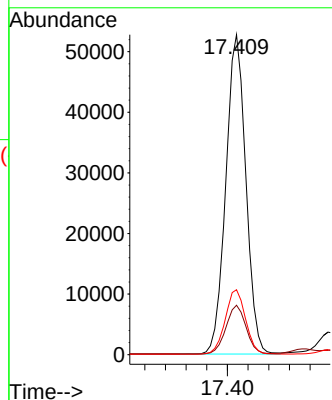
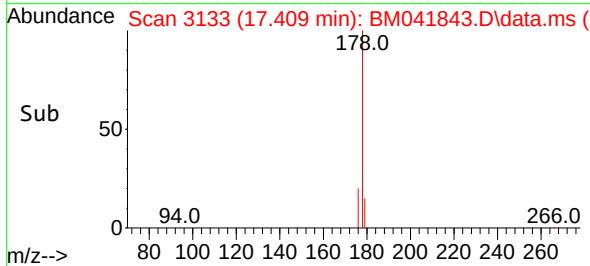
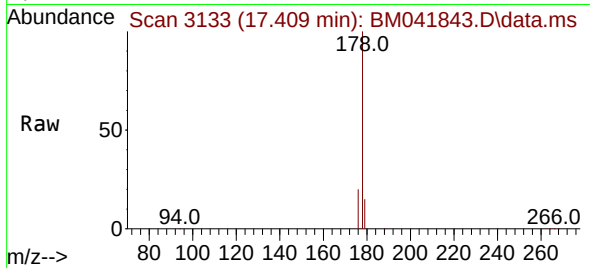
#15
Phenanthrene
Concen: 0.861 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

Instrument :
BNA_M
ClientSampleId :
EZYD9DL

Tgt Ion:178 Resp: 70880
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 20.3 16.6 25.0

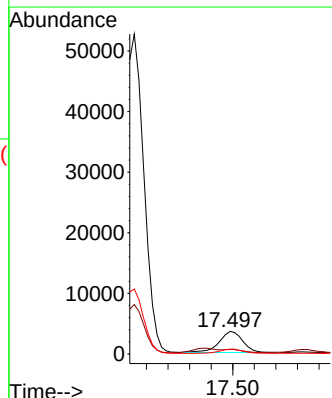
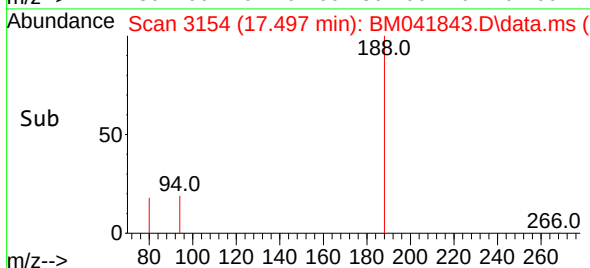
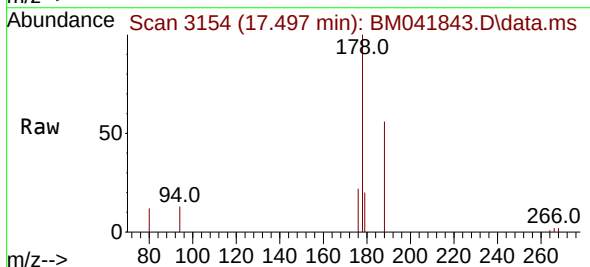
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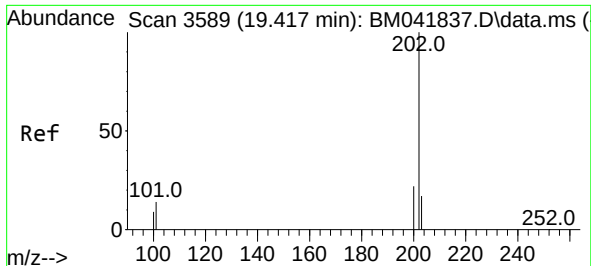
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#16
Anthracene
Concen: 0.074 ng/ul
RT: 17.497 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

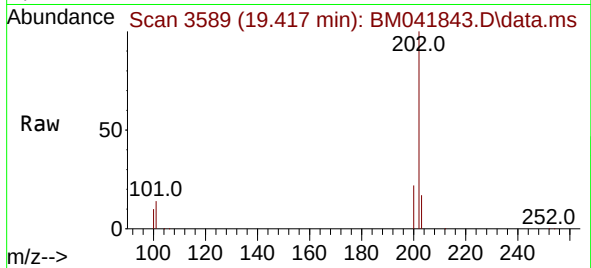
Tgt Ion:178 Resp: 5290
Ion Ratio Lower Upper
178 100
179 19.6 12.7 19.1#
176 21.5 16.1 24.1





#19
Fluoranthene
Concen: 3.144 ng/u1
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

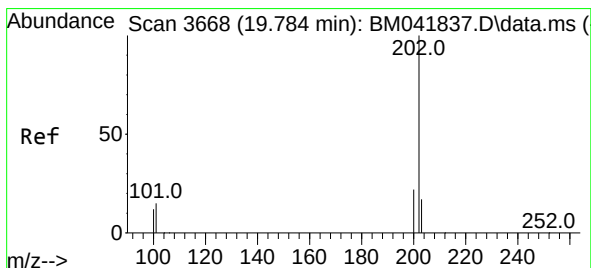
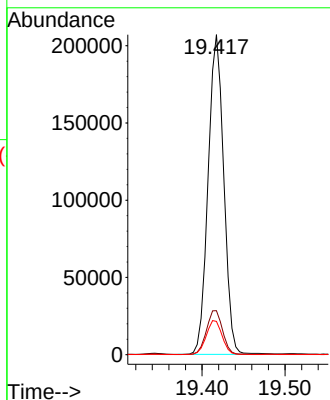
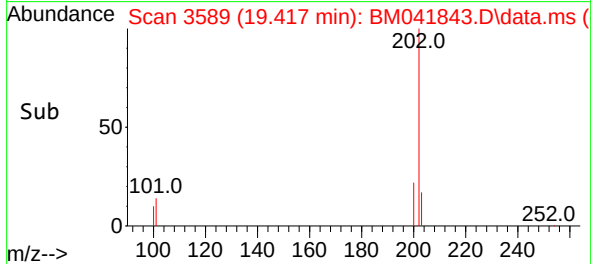
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion:202 Resp: 271330
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.6
100 10.4 8.2 12.4

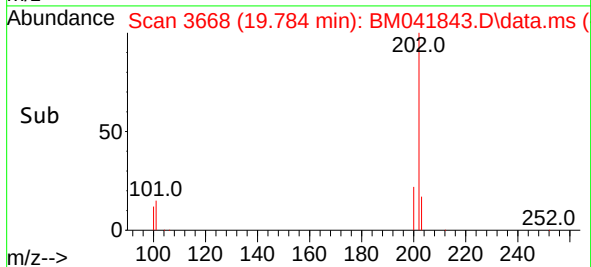
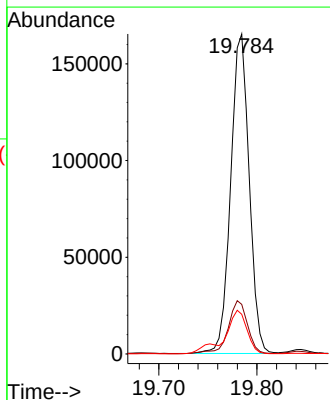
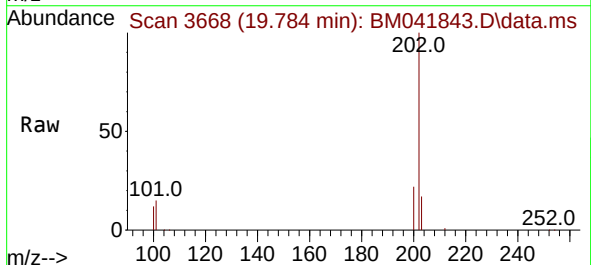
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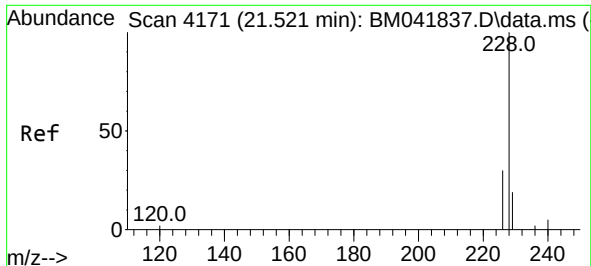
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#20
Pyrene
Concen: 2.404 ng/u1
RT: 19.784 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

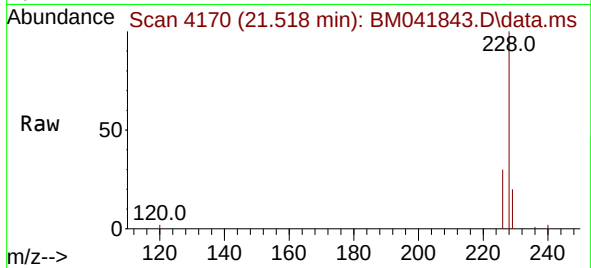
Tgt Ion:202 Resp: 217216
Ion Ratio Lower Upper
202 100
101 15.5 12.6 19.0
100 12.4 9.9 14.9





#21
Benzo(a)anthracene
Concen: 1.318 ng/uI
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

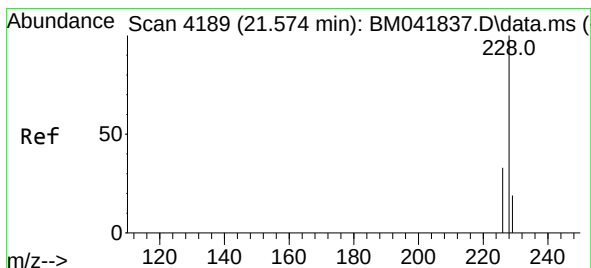
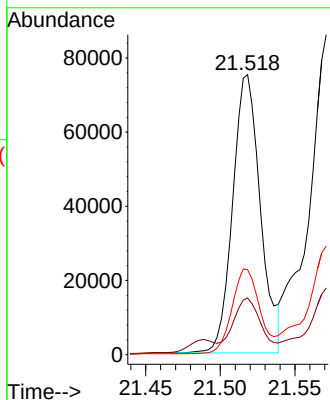
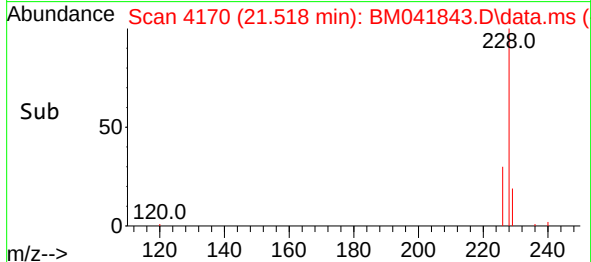
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion:228 Resp: 9690
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 30.4 24.3 36.5

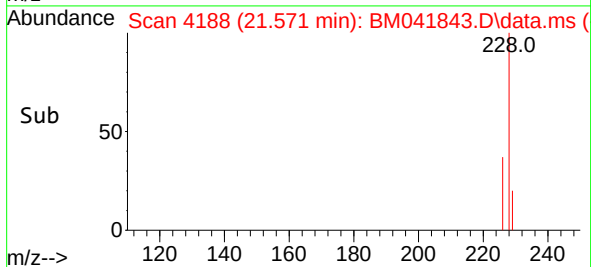
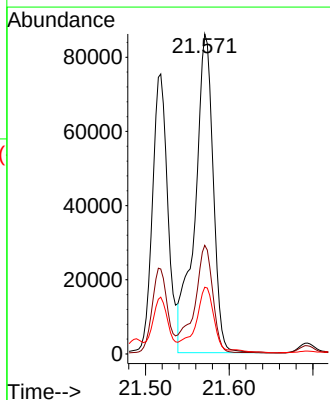
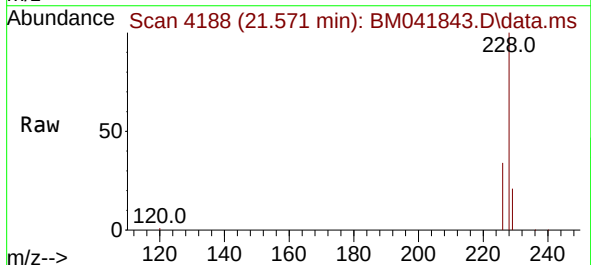
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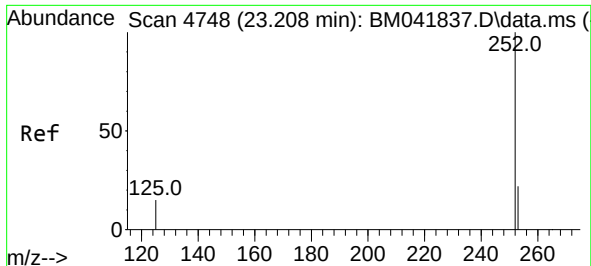
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#22
Chrysene
Concen: 1.726 ng/uI
RT: 21.571 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

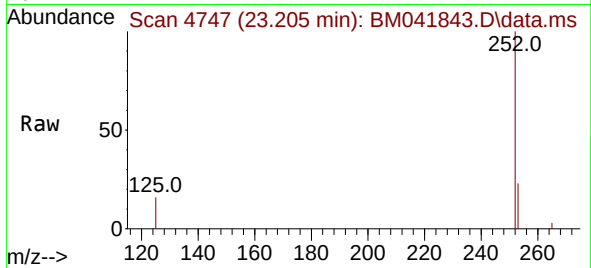
Tgt Ion:228 Resp: 129885
Ion Ratio Lower Upper
228 100
226 33.9 27.0 40.4
229 20.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.292 ng/ul
RT: 23.205 min Scan# 4747
Delta R.T. -0.003 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

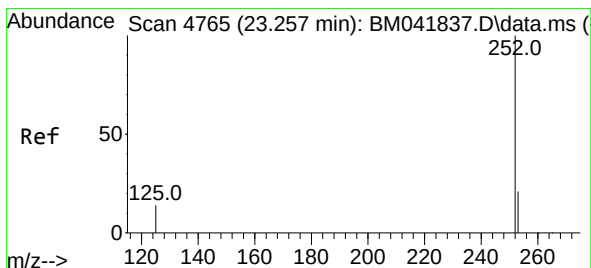
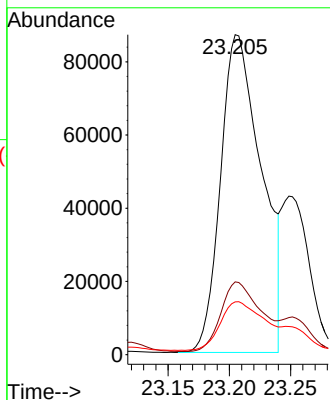
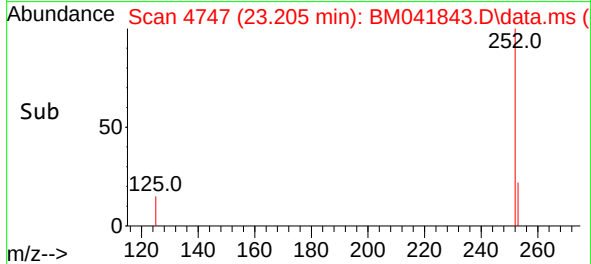
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion:252 Resp: 201472
Ion Ratio Lower Upper
252 100
253 22.8 0.0 51.0
125 16.5 0.0 39.8

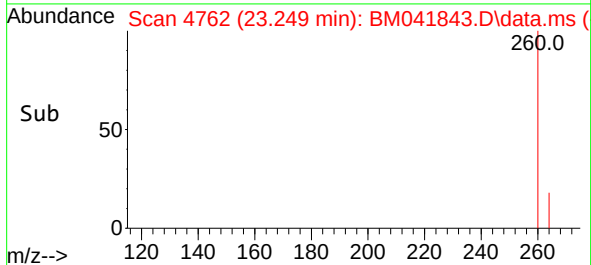
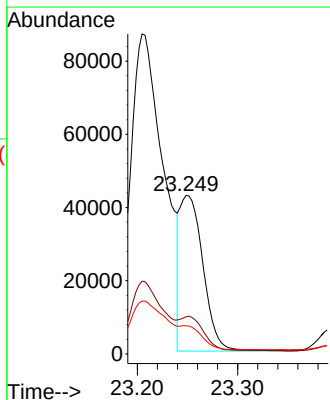
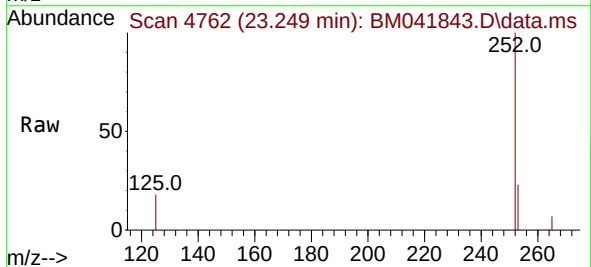
Manual Integrations
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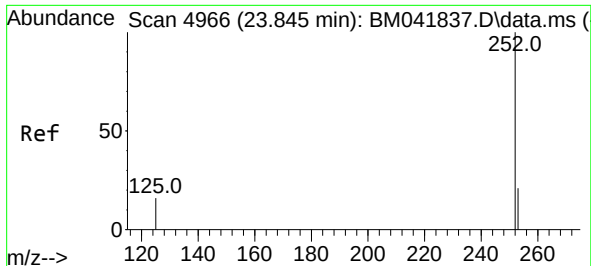
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#25
Benzo(k)fluoranthene
Concen: 0.835 ng/ul m
RT: 23.249 min Scan# 4762
Delta R.T. -0.012 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

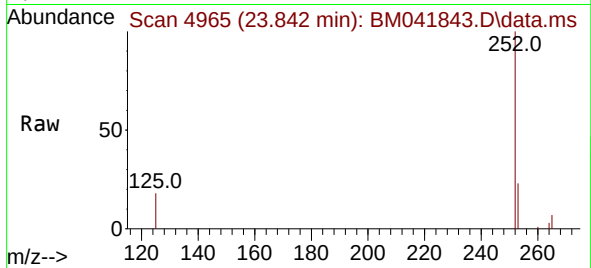
Tgt Ion:252 Resp: 67674
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 17.8 15.8 23.8





#26
Benzo(a)pyrene
Concen: 1.321 ng/ul
RT: 23.842 min Scan# 4966
Delta R.T. -0.003 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

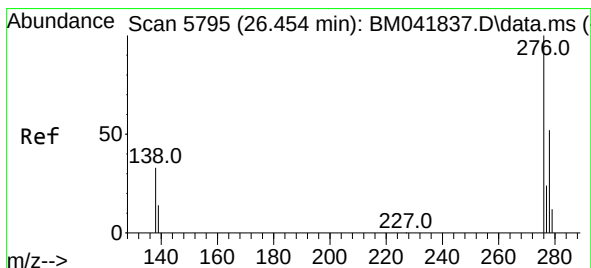
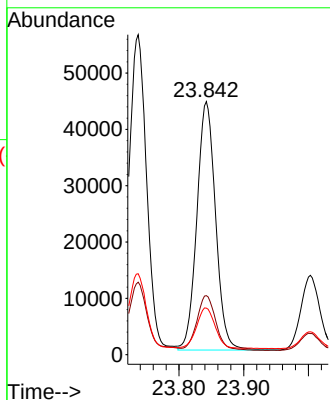
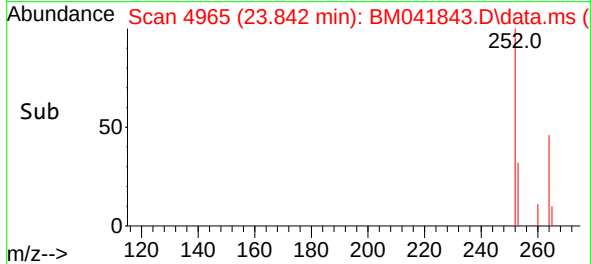
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion:252 Resp: 8853
Ion Ratio Lower Upper
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125 18.4 18.8 28.2

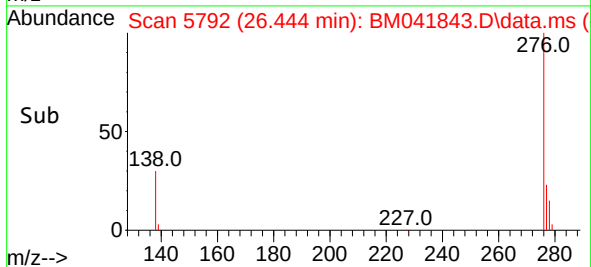
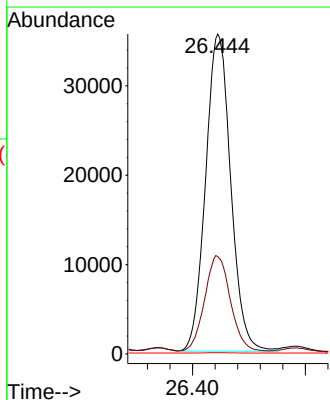
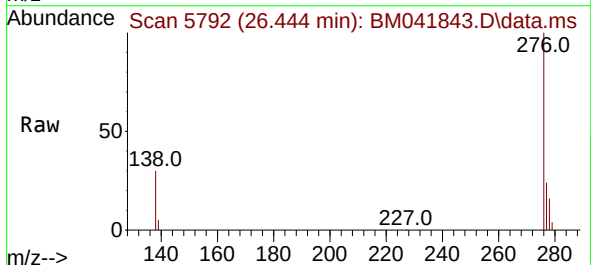
Manual Integrations
APPROVED

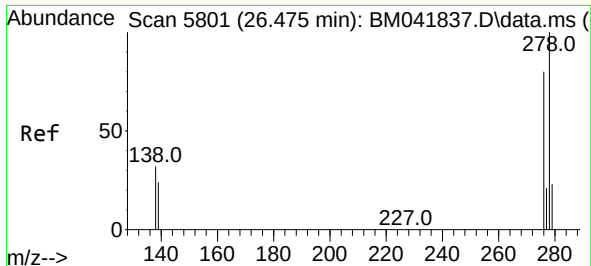
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.065 ng/ul
RT: 26.444 min Scan# 5792
Delta R.T. -0.010 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

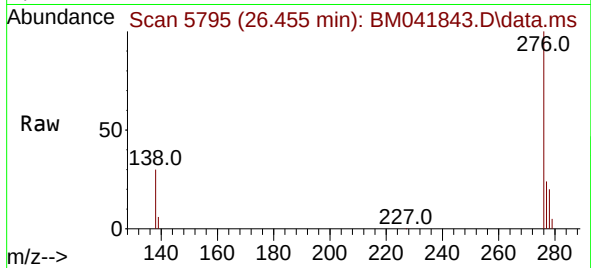
Tgt Ion:276 Resp: 109793
Ion Ratio Lower Upper
276 100
138 30.5 27.7 41.5
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.455 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

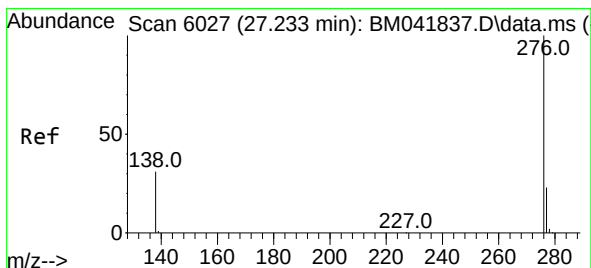
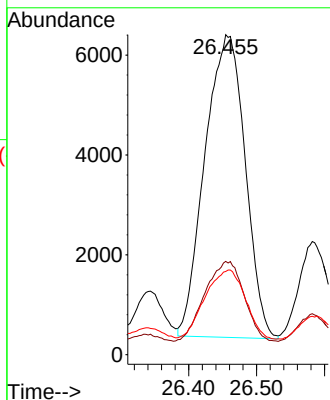
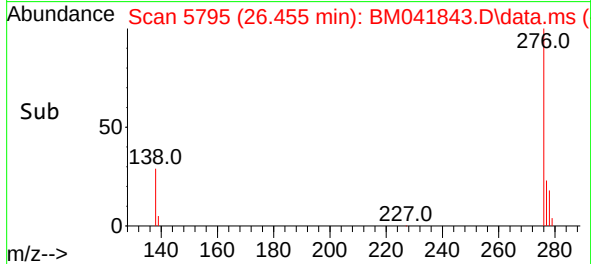
Instrument :
BNA_M
ClientSampleId :
EZYD9DL



Tgt Ion: 278 Resp: 24929
Ion Ratio Lower Upper
278 100
139 29.1 20.9 31.3
279 26.0 20.3 30.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/14/2023
Supervised By : mohammad ahmed 09/15/2023



#29
Benzo(g,h,i)perylene
Concen: 1.291 ng/ul
RT: 27.229 min Scan# 6026
Delta R.T. -0.007 min
Lab File: BM041843.D
Acq: 13 Sep 2023 23:05

Tgt Ion: 276 Resp: 112560
Ion Ratio Lower Upper
276 100
138 31.5 24.7 37.1
277 23.7 19.3 28.9

