

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041511.D
 Acq On : 26 Aug 2023 02:00
 Operator : MA/JU
 Sample : 04037-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 02:41:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	12170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	33756	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	16496	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	29179	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	12562	0.400	ng/ul	# 0.00
23) Perylene-d12	24.266	264	14196	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	62736	4.073	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	10358	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	13170	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	28476	0.283	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	15453	0.256	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	10649	0.173	ng/ul	99
10) Acenaphthylene	14.486	152	3554	0.036	ng/ul#	84
11) Acenaphthene	14.819	153	2954	0.043	ng/ul	99
12) Fluorene	15.804	166	2120	0.027	ng/ul#	94
15) Phenanthrene	17.552	178	52759	0.492	ng/ul	99
16) Anthracene	17.645	178	10359	0.106	ng/ul#	94
19) Fluoranthene	19.561	202	95667	0.830	ng/ul	98
20) Pyrene	19.929	202	85872m	0.738	ng/ul	
21) Benzo(a)anthracene	21.679	228	54626	0.668	ng/ul	96
22) Chrysene	21.734	228	62522	0.708	ng/ul	95
24) Benzo(b)fluoranthene	23.468	252	118664	1.221	ng/ul	88
25) Benzo(k)fluoranthene	23.518	252	39125m	0.402	ng/ul	
26) Benzo(a)pyrene	24.152	252	81079	1.015	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.978	276	81956	0.821	ng/ul#	88
28) Dibenzo(a,h)anthracene	27.008	278	18650	0.244	ng/ul#	46
29) Benzo(g,h,i)perylene	27.830	276	82745	0.941	ng/ul	99

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

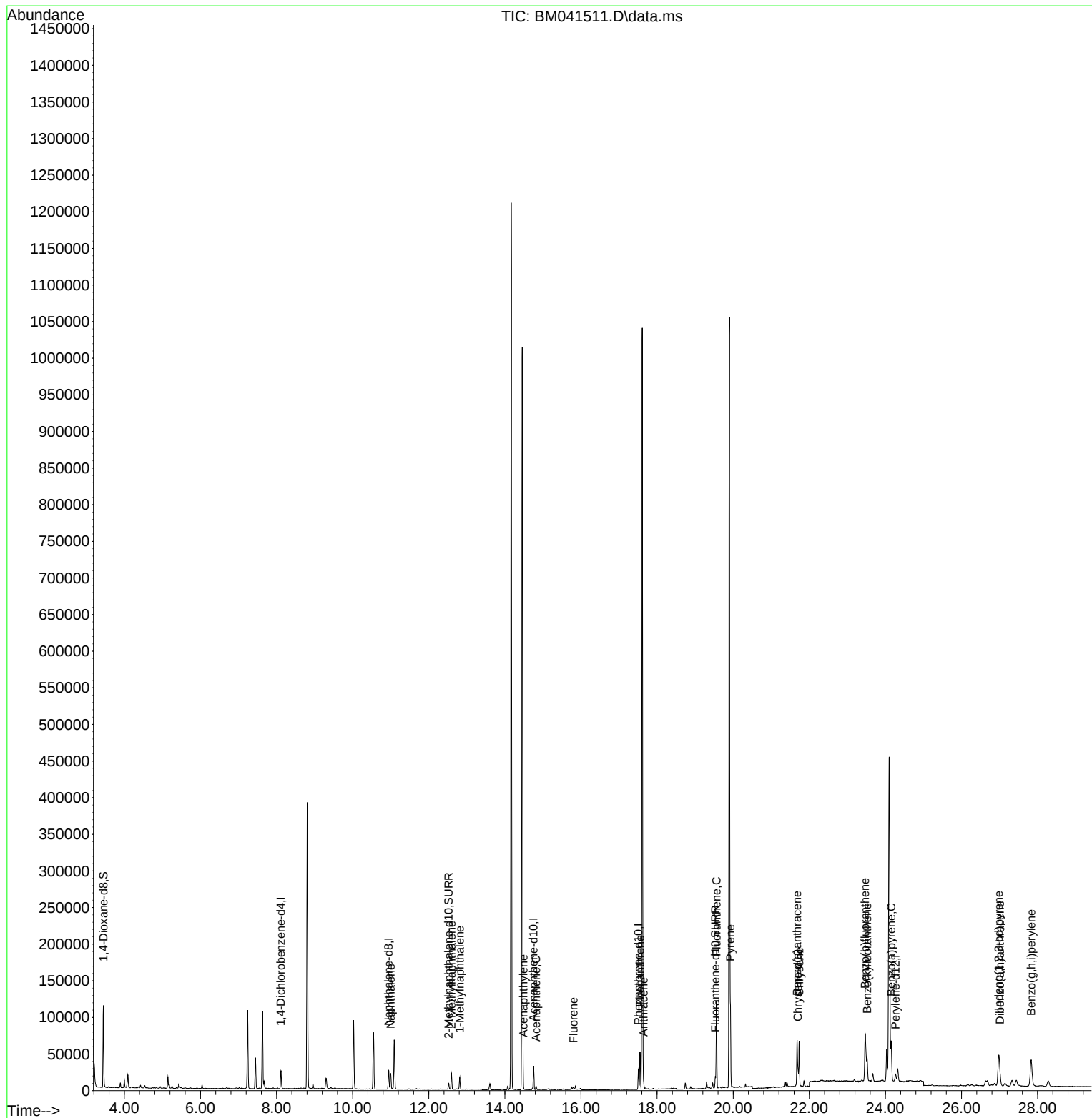
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041511.D
Acq On : 26 Aug 2023 02:00
Operator : MA/JU
Sample : 04037-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

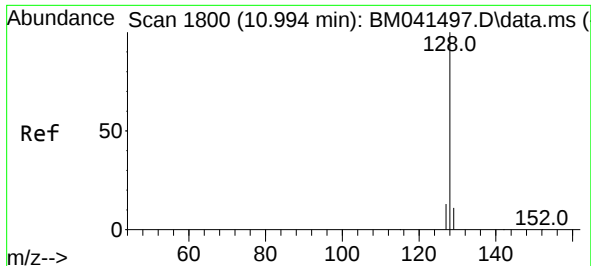
Instrument :
BNA_M
ClientSampleId :
EZYD6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

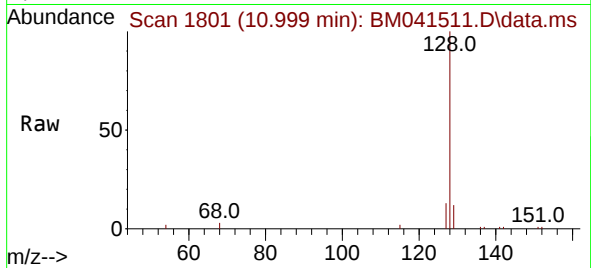
Quant Time: Aug 26 02:41:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

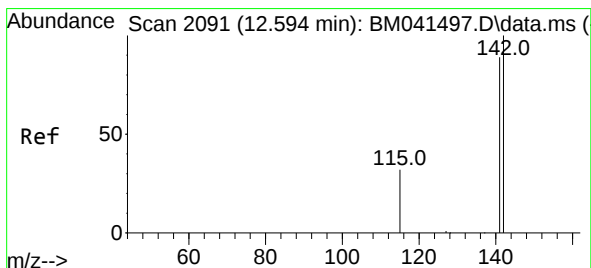
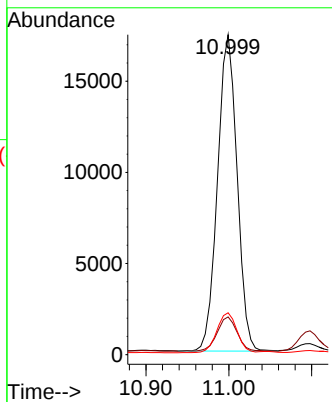
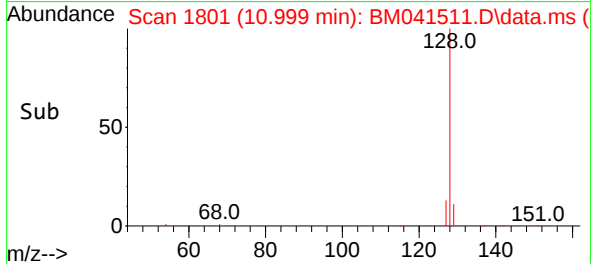
Instrument :
BNA_M
ClientSampleId :
EZYD6



Tgt Ion:128 Resp: 28470
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.1 10.6 15.8

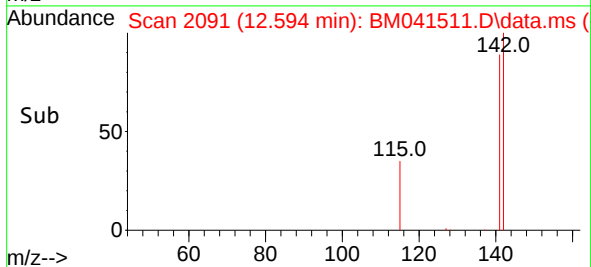
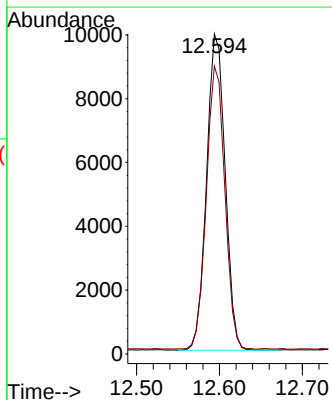
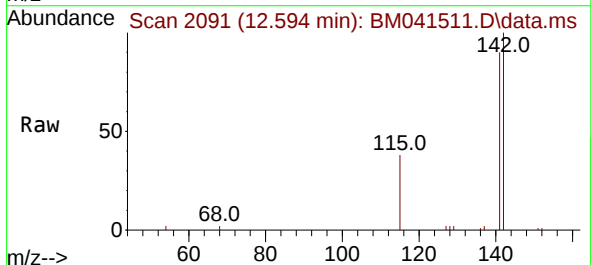
Manual Integrations
APPROVED

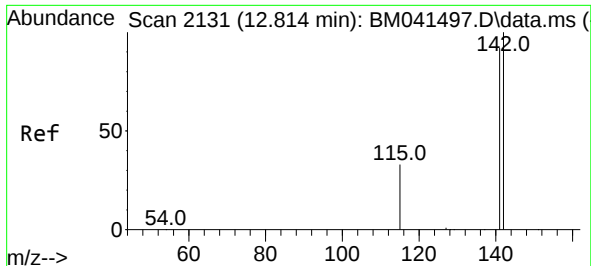
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

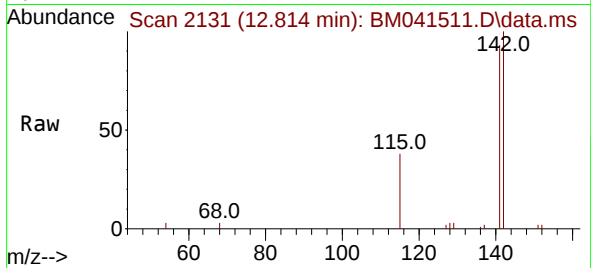
Tgt Ion:142 Resp: 15453
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

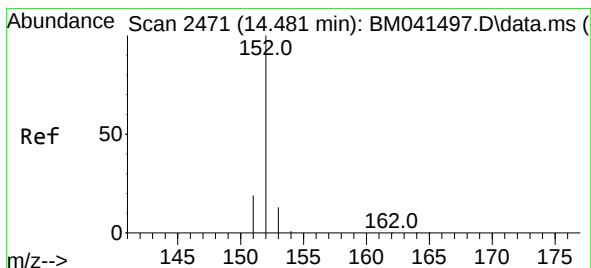
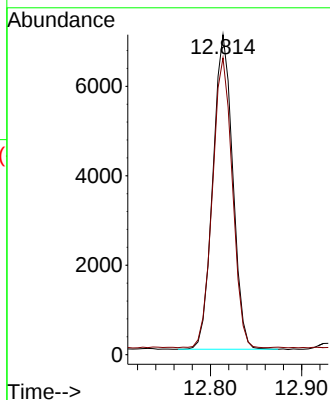
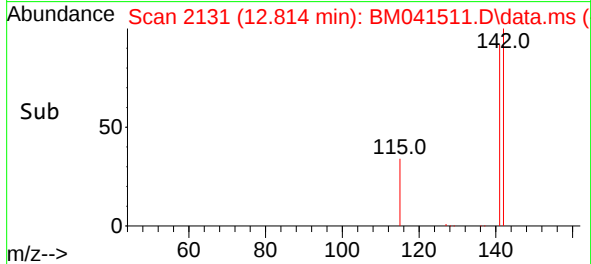
Instrument :
BNA_M
ClientSampleId :
EZYD6



Tgt Ion:142 Resp: 10649
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2

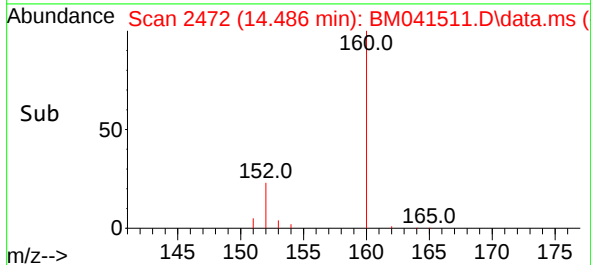
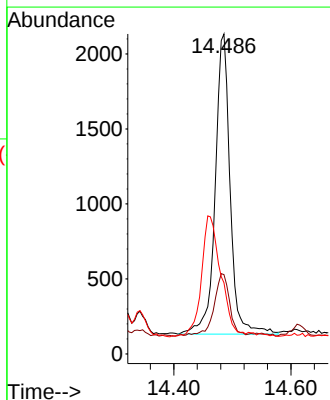
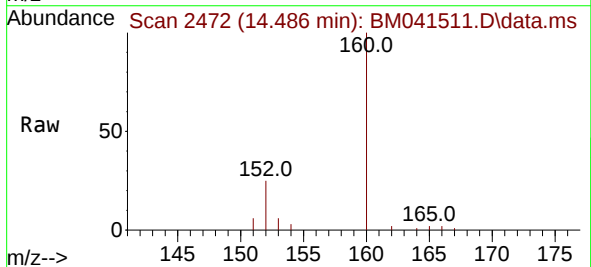
Manual Integrations
APPROVED

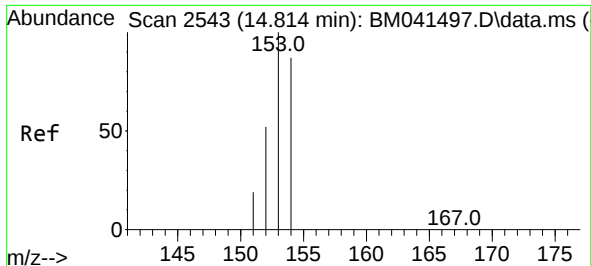
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

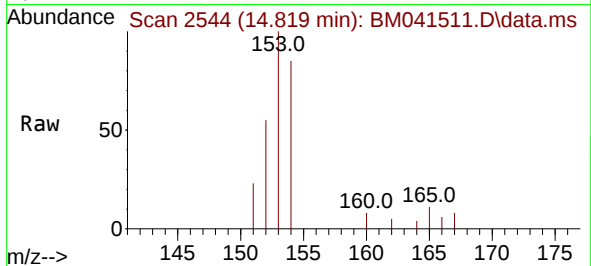
Tgt Ion:152 Resp: 3554
Ion Ratio Lower Upper
152 100
151 24.8 15.8 23.6#
153 22.3 10.6 15.8#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.819 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

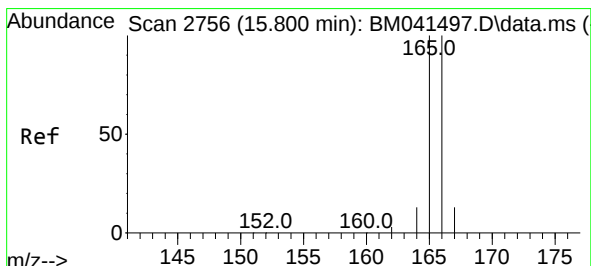
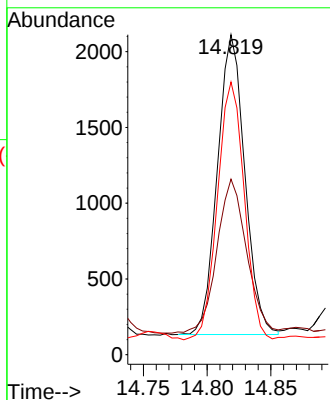
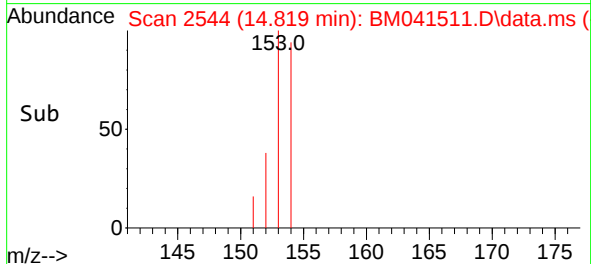
Instrument :
BNA_M
ClientSampleId :
EZYD6



Tgt Ion:153 Resp: 2954
Ion Ratio Lower Upper
153 100
152 54.9 42.9 64.3
154 85.2 68.9 103.3

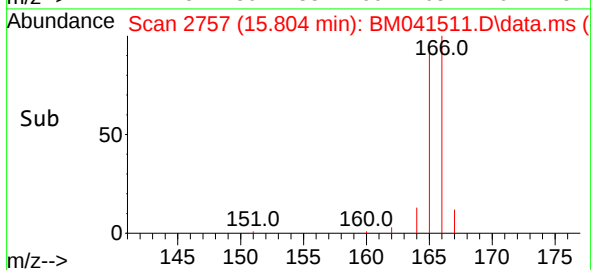
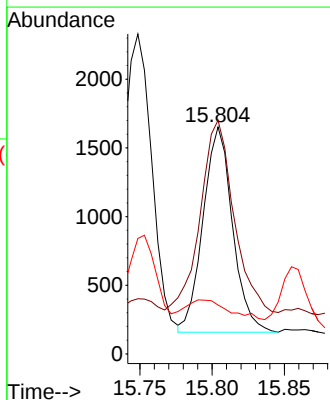
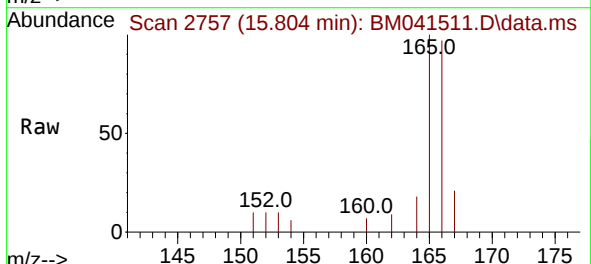
Manual Integrations
APPROVED

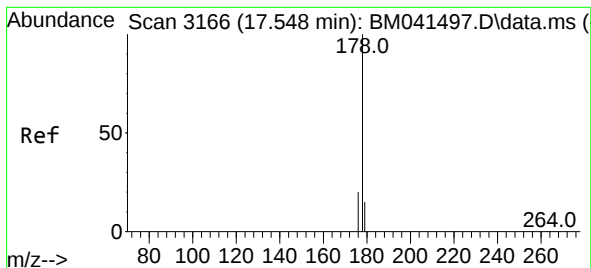
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.804 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

Tgt Ion:166 Resp: 2120
Ion Ratio Lower Upper
166 100
165 103.0 79.4 119.2
167 21.5 11.0 16.6#





#15

Phenanthrene

Concen: 0.492 ng/ul

RT: 17.552 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BM041511.D

Acq: 26 Aug 2023 02:00

Instrument :

BNA_M

ClientSampleId :

EZYD6

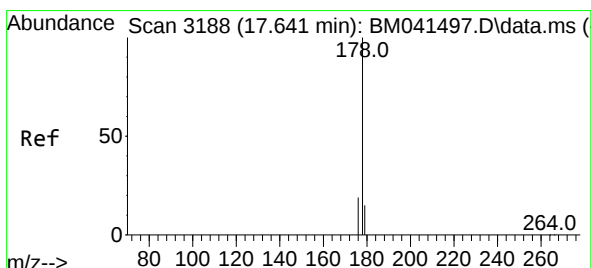
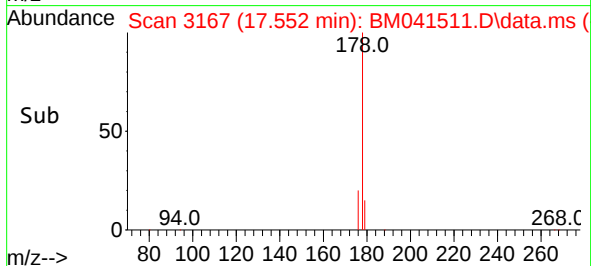
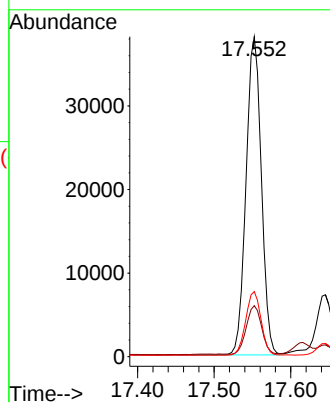
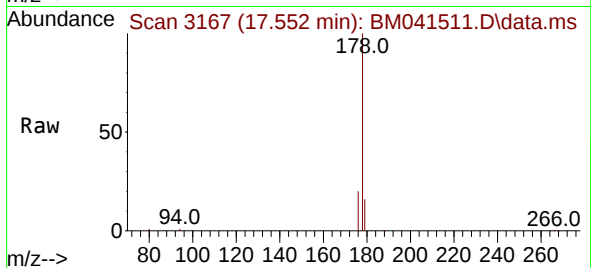
Tgt Ion:	178	Resp:	52759
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.5	18.7
176	20.3	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#16

Anthracene

Concen: 0.106 ng/ul

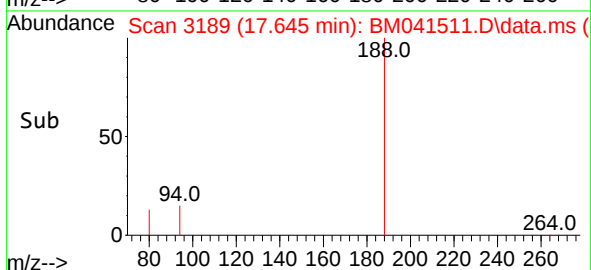
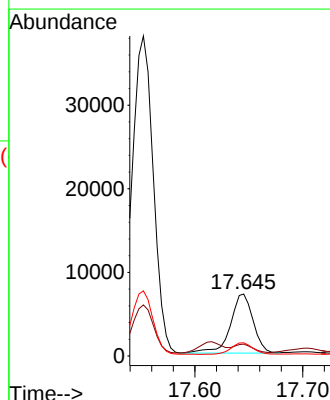
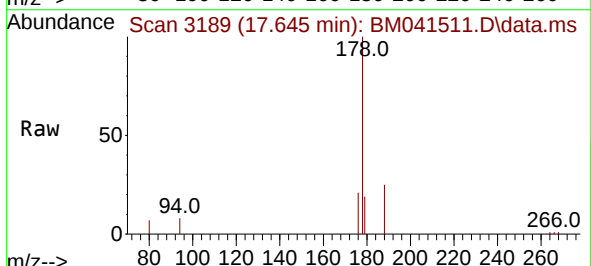
RT: 17.645 min Scan# 3189

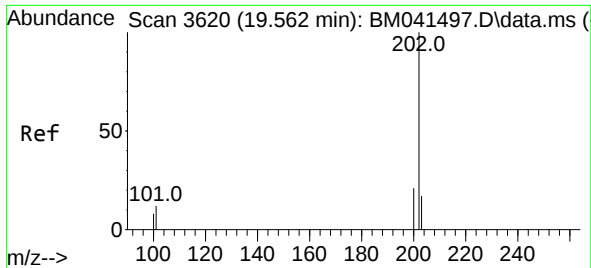
Delta R.T. -0.000 min

Lab File: BM041511.D

Acq: 26 Aug 2023 02:00

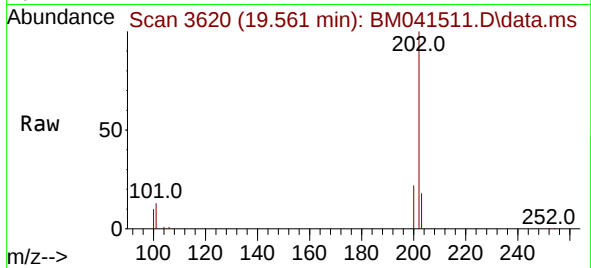
Tgt Ion:	178	Resp:	10359
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.6	18.8
176	21.2	15.5	23.3





#19
Fluoranthene
Concen: 0.830 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

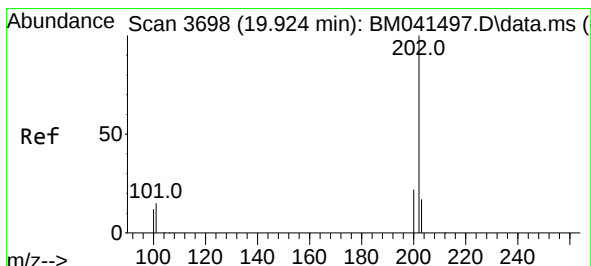
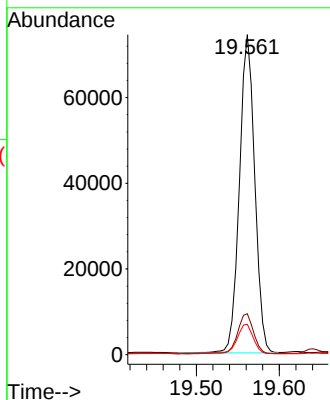
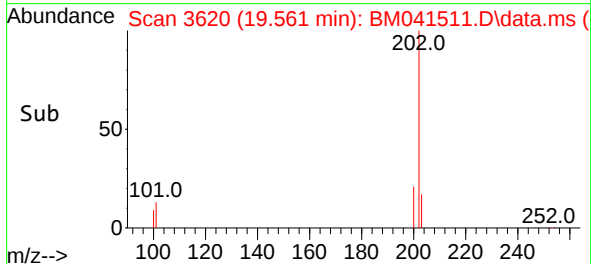
Instrument :
BNA_M
ClientSampleId :
EZYD6



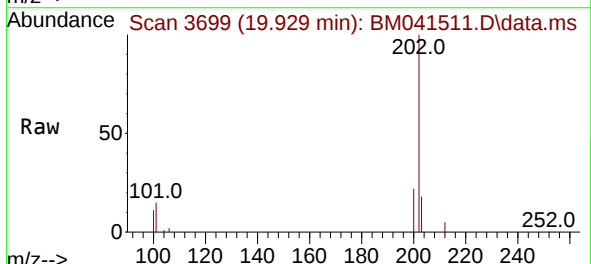
Tgt Ion:202 Resp: 9566
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.6
100 9.5 7.9 11.9

Manual Integrations
APPROVED

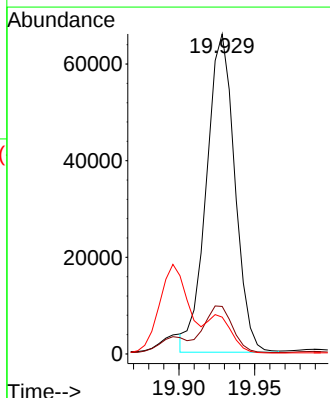
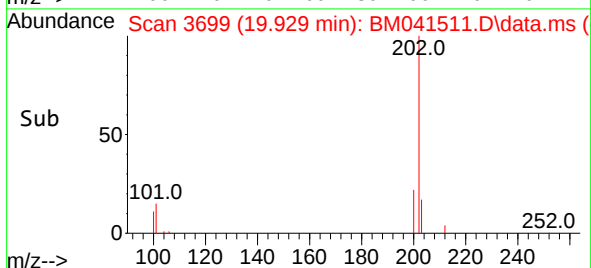
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

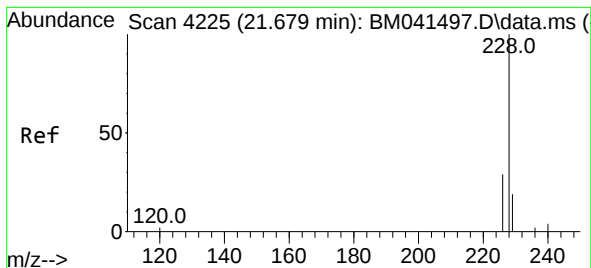


#20
Pyrene
Concen: 0.738 ng/ul m
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00



Tgt Ion:202 Resp: 85872
Ion Ratio Lower Upper
202 100
101 14.8 12.2 18.2
100 11.5 9.8 14.8





#21

Benzo(a)anthracene

Concen: 0.668 ng/uI

RT: 21.679 min Scan# 4225

Delta R.T. -0.009 min

Lab File: BM041511.D

Acq: 26 Aug 2023 02:00

Instrument :

BNA_M

ClientSampleId :

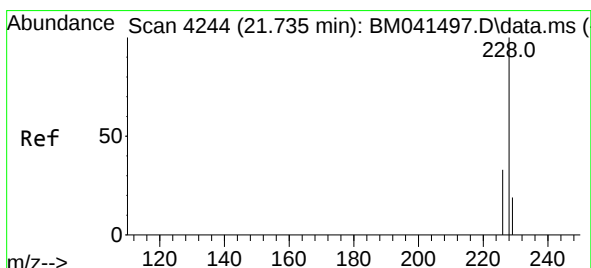
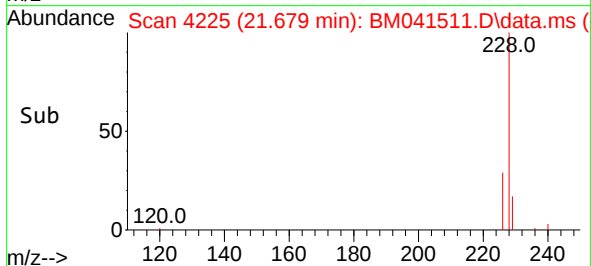
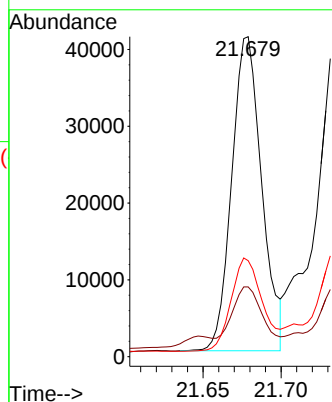
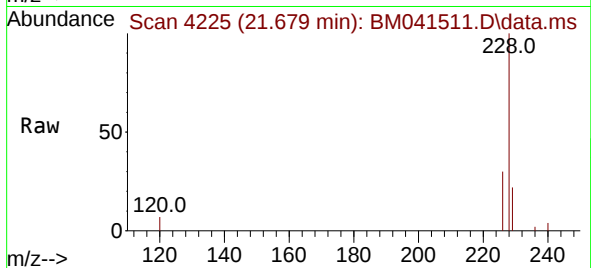
EZYD6

Tgt Ion:228	Resp:	54620
Ion Ratio	Lower	Upper
228	100	
229	21.8	15.3 22.9
226	30.0	22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#22

Chrysene

Concen: 0.708 ng/uI

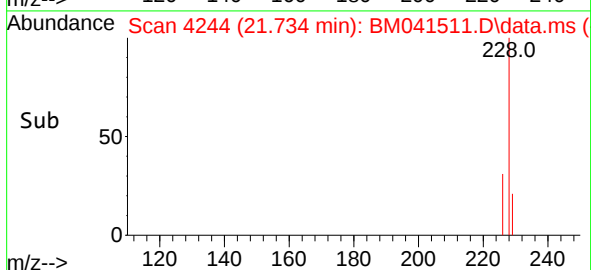
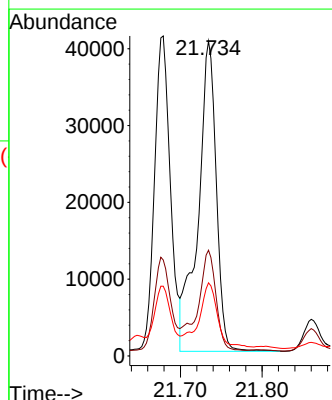
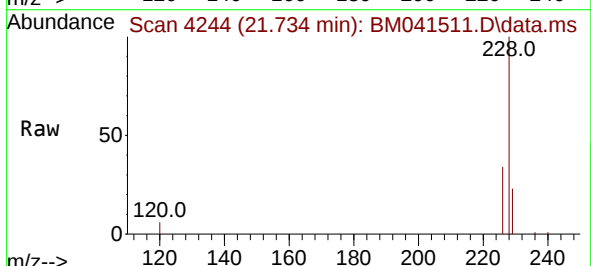
RT: 21.734 min Scan# 4244

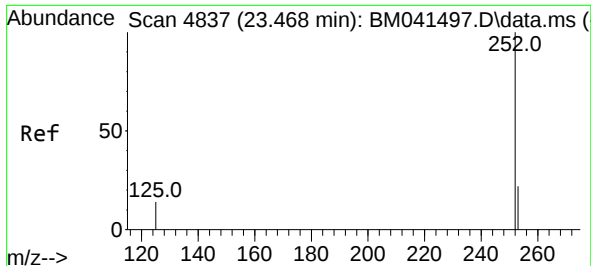
Delta R.T. -0.009 min

Lab File: BM041511.D

Acq: 26 Aug 2023 02:00

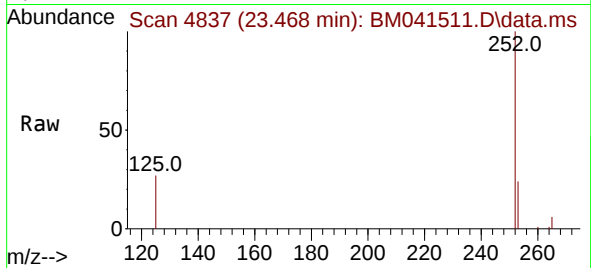
Tgt Ion:228	Resp:	62522
Ion Ratio	Lower	Upper
228	100	
226	33.6	25.6 38.4
229	23.2	15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.221 ng/ul
RT: 23.468 min Scan# 4837
Delta R.T. -0.015 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

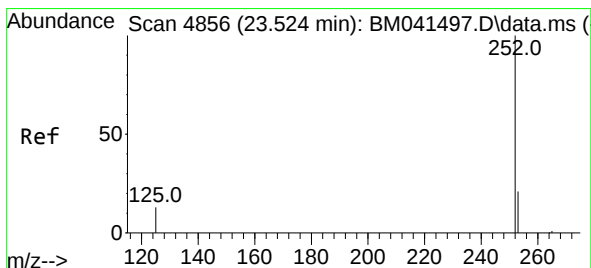
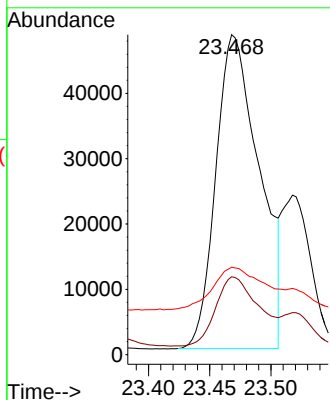
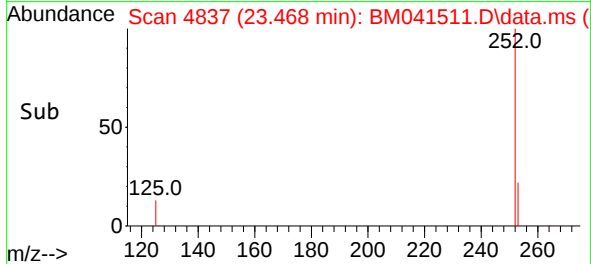
Instrument :
BNA_M
ClientSampleId :
EZYD6



Tgt Ion:252 Resp: 11864
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.8
125 27.3 0.0 32.8

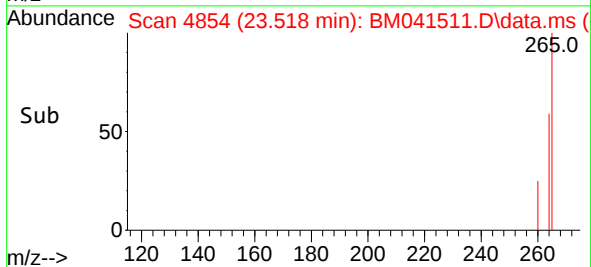
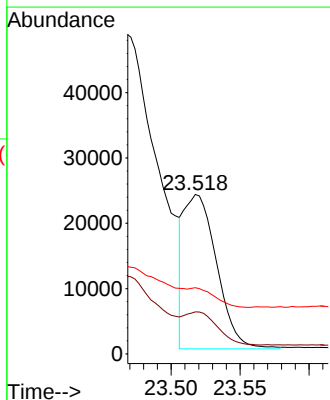
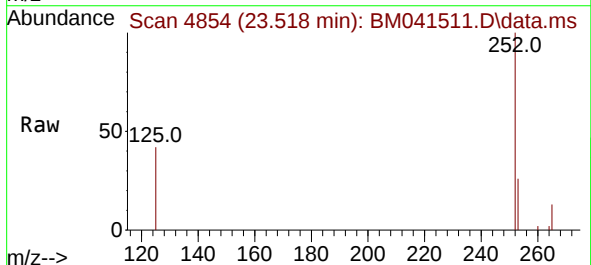
Manual Integrations
APPROVED

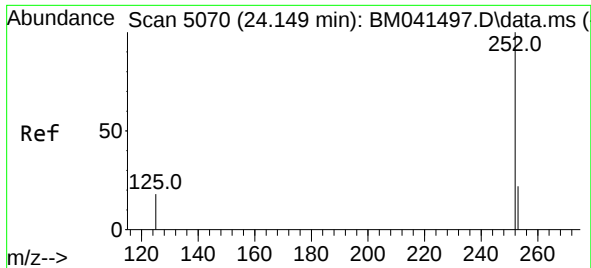
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul m
RT: 23.518 min Scan# 4854
Delta R.T. -0.018 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

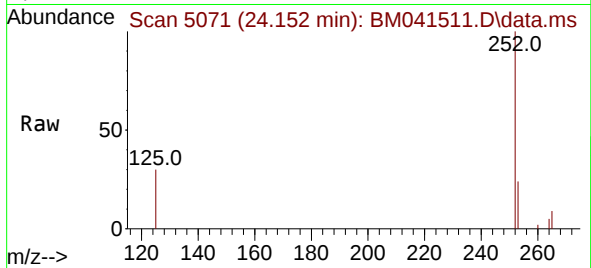
Tgt Ion:252 Resp: 39125
Ion Ratio Lower Upper
252 100
253 26.4 19.1 28.7
125 41.6 13.4 20.0#





#26
Benzo(a)pyrene
Concen: 1.015 ng/ul
RT: 24.152 min Scan# 5071
Delta R.T. -0.012 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

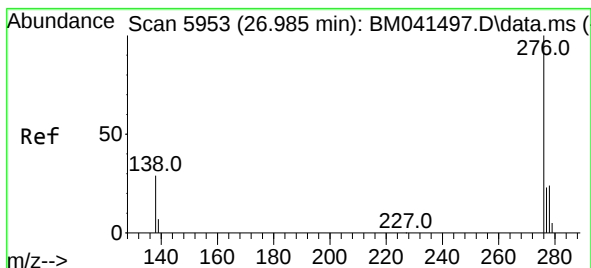
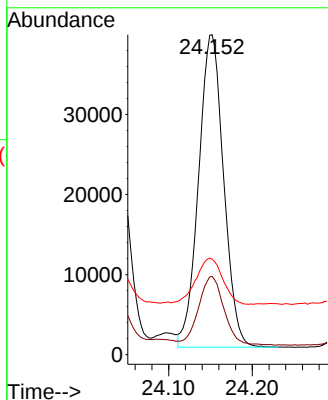
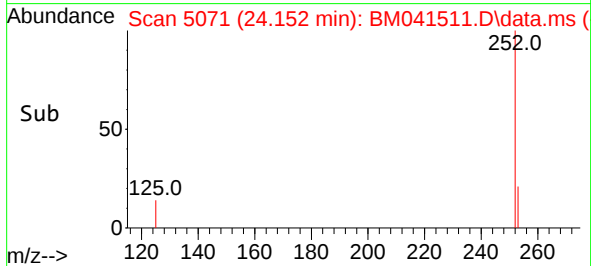
Instrument :
BNA_M
ClientSampleId :
EZYD6



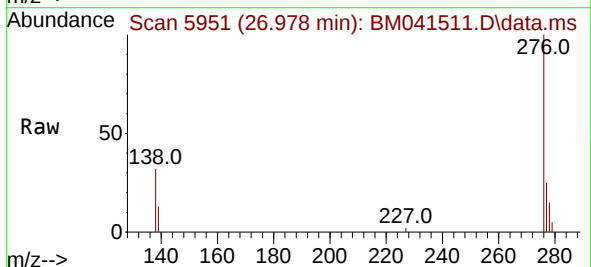
Tgt Ion:252 Resp: 81079
Ion Ratio Lower Upper
252 100
253 24.4 19.5 29.3
125 29.9 16.0 24.0

Manual Integrations
APPROVED

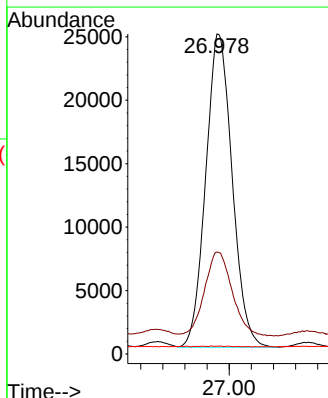
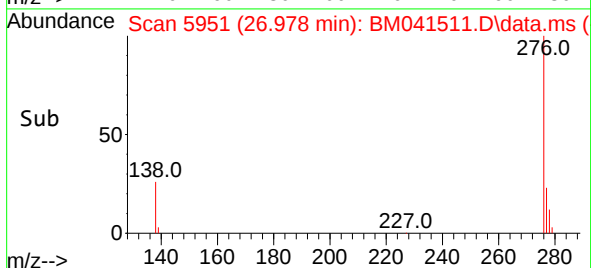
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

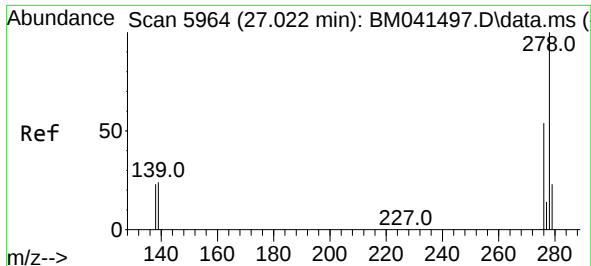


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.821 ng/ul
RT: 26.978 min Scan# 5951
Delta R.T. -0.027 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00



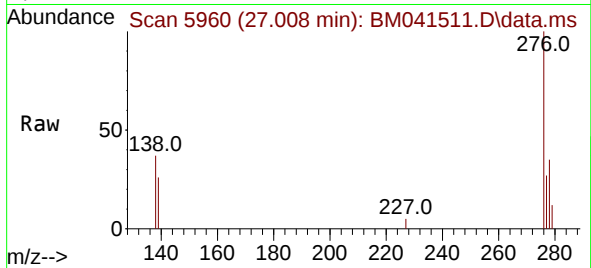
Tgt Ion:276 Resp: 81956
Ion Ratio Lower Upper
276 100
138 27.9 27.8 41.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.244 ng/ul
RT: 27.008 min Scan# 5964
Delta R.T. -0.037 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

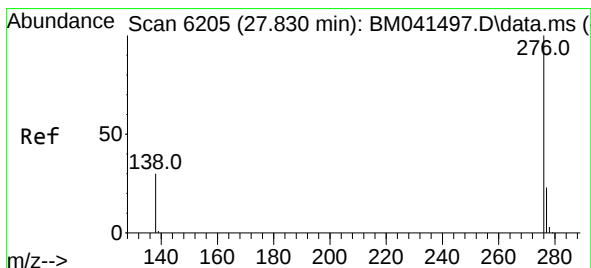
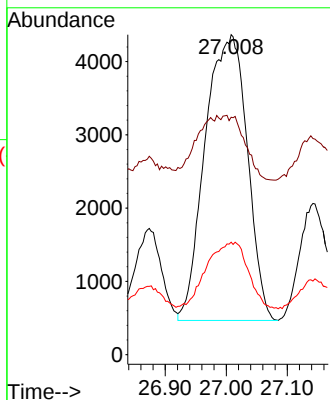
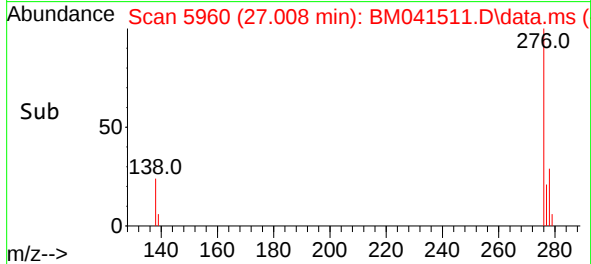
Instrument :
BNA_M
ClientSampleId :
EZYD6



Tgt Ion:278 Resp: 18650
Ion Ratio Lower Upper
278 100
139 74.2 21.9 32.9
279 35.1 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#29
Benzo(g,h,i)perylene
Concen: 0.941 ng/ul
RT: 27.830 min Scan# 6205
Delta R.T. -0.024 min
Lab File: BM041511.D
Acq: 26 Aug 2023 02:00

Tgt Ion:276 Resp: 82745
Ion Ratio Lower Upper
276 100
138 33.0 25.9 38.9
277 24.8 19.4 29.2

