

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041505.D
 Acq On : 25 Aug 2023 22:13
 Operator : MA/JU
 Sample : 04037-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH2

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 00:19:16 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	14358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	39725	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	19602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	33527	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.702	240	13036	0.400	ng/ul	# 0.00
23) Perylene-d12	24.281	264	15412	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	55644	3.062	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	10682	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	12116	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	17709	0.150	ng/ul	98
7) 2-Methylnaphthalene	12.594	142	47182	0.664	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	35844	0.496	ng/ul	100
10) Acenaphthylene	14.481	152	8342	0.071	ng/ul#	41
11) Acenaphthene	14.819	153	15923	0.194	ng/ul	97
12) Fluorene	15.804	166	13318	0.145	ng/ul#	88
15) Phenanthrene	17.552	178	135229	1.099	ng/ul#	94
16) Anthracene	17.645	178	17510	0.156	ng/ul#	67
19) Fluoranthene	19.561	202	187013	1.563	ng/ul	97
20) Pyrene	19.929	202	209431m	1.735	ng/ul	
21) Benzo(a)anthracene	21.682	228	69682	0.821	ng/ul#	82
22) Chrysene	21.740	228	110571m	1.206	ng/ul	
24) Benzo(b)fluoranthene	23.483	252	180007	1.705	ng/ul#	1
25) Benzo(k)fluoranthene	23.532	252	58296m	0.552	ng/ul	
26) Benzo(a)pyrene	24.164	252	113517	1.309	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	27.011	276	143644	1.326	ng/ul#	92
28) Dibenzo(a,h)anthracene	27.028	278	33819	0.408	ng/ul#	1
29) Benzo(g,h,i)perylene	27.860	276	162938	1.707	ng/ul#	85

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

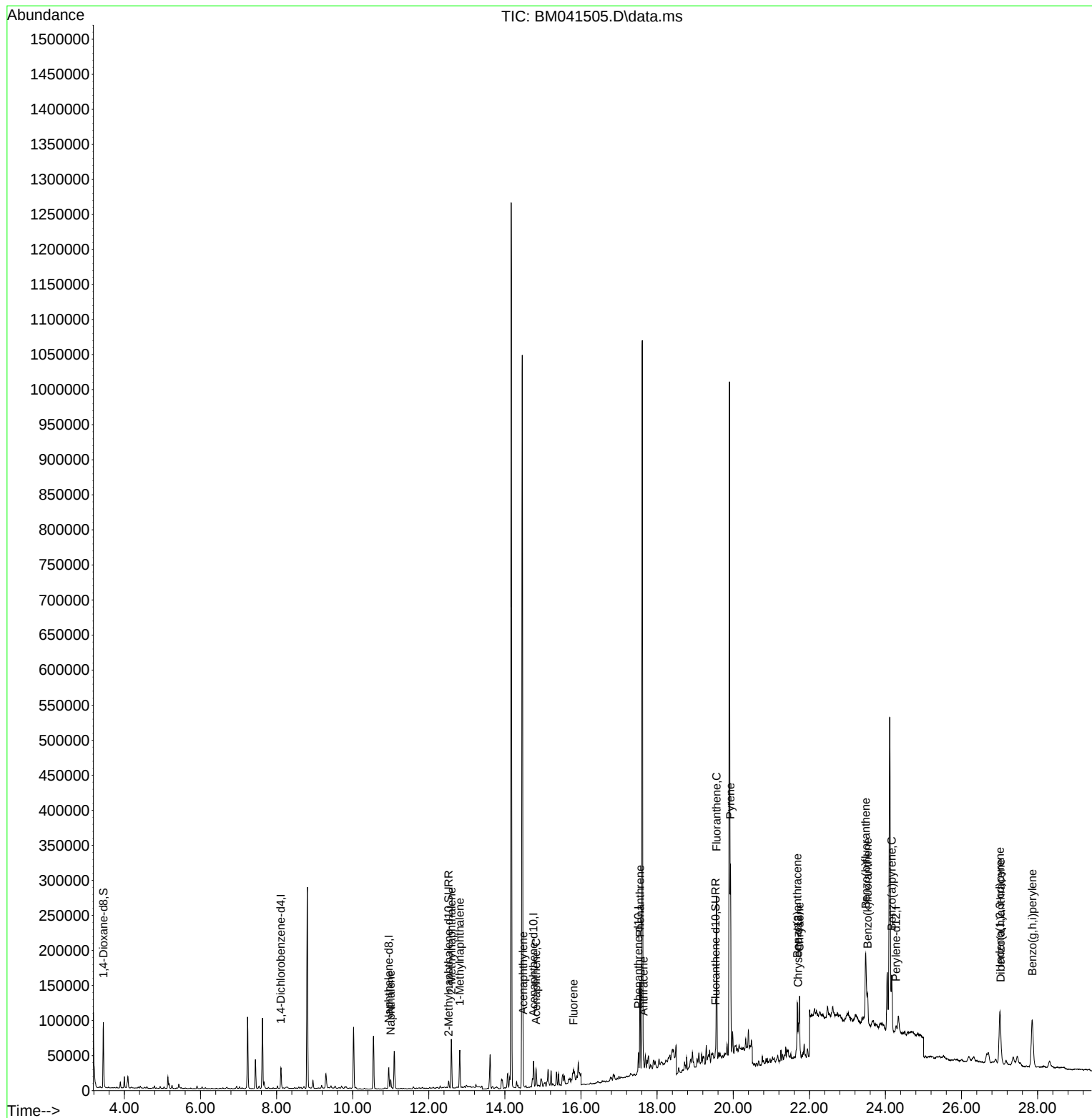
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041505.D
Acq On : 25 Aug 2023 22:13
Operator : MA/JU
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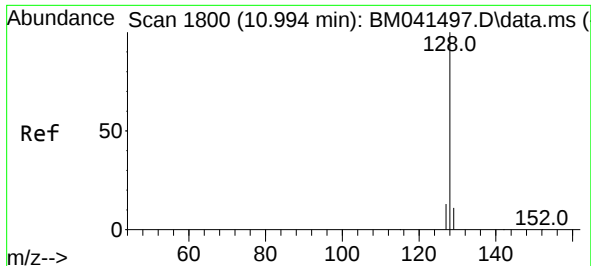
Instrument :
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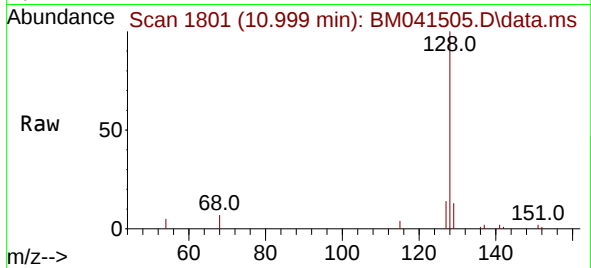
Quant Time: Aug 26 00:19:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

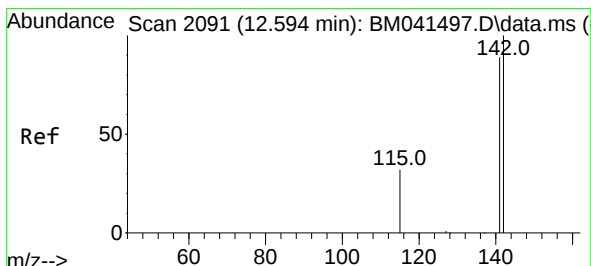
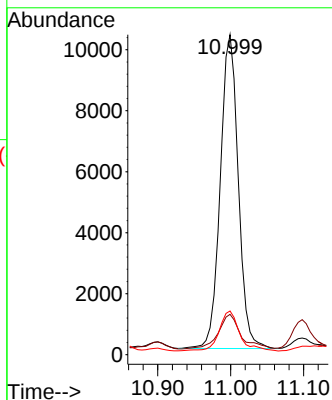
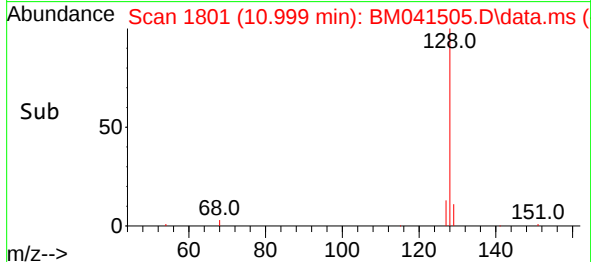
Instrument :
BNA_M
ClientSampleId :
EZYH2



Tgt Ion:128 Resp: 17709
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 13.7 10.6 15.8

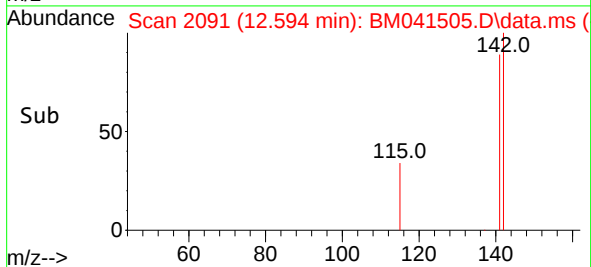
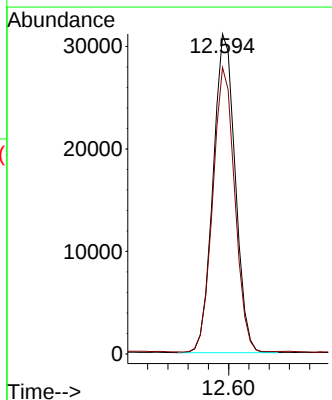
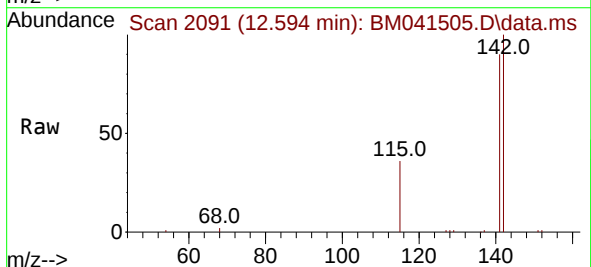
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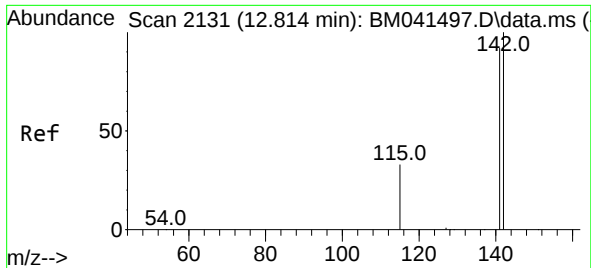
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.664 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

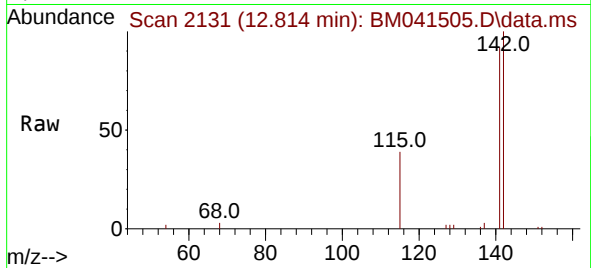
Tgt Ion:142 Resp: 47182
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.496 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

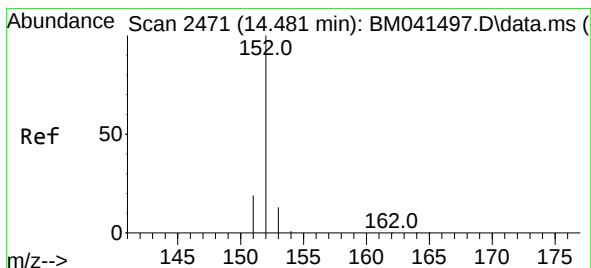
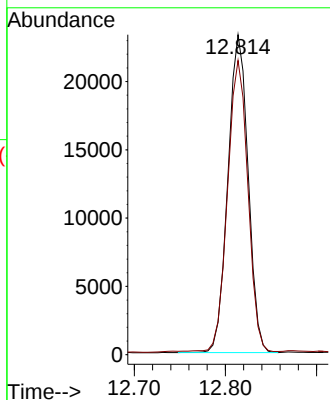
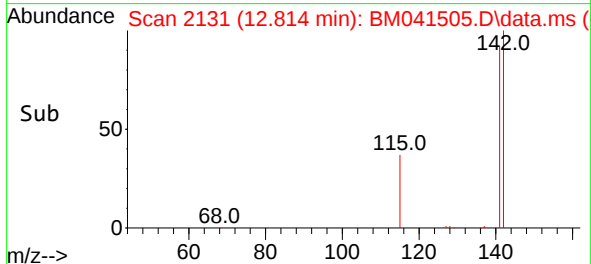
Instrument :
BNA_M
ClientSampleId :
EZYH2



Tgt Ion:142 Resp: 3584
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2

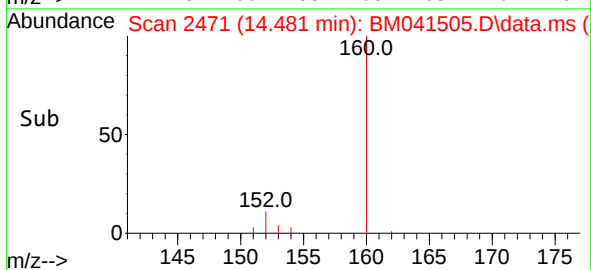
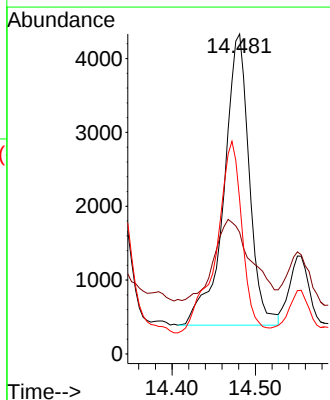
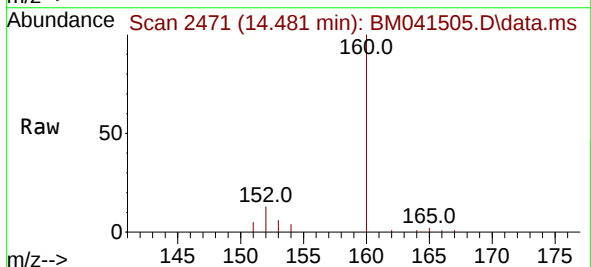
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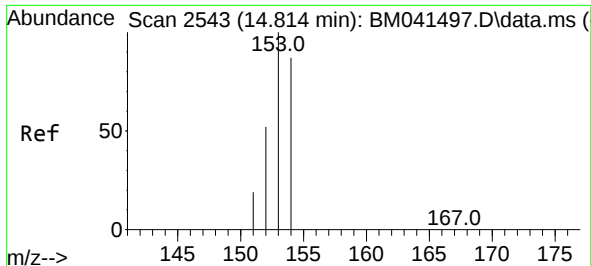
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

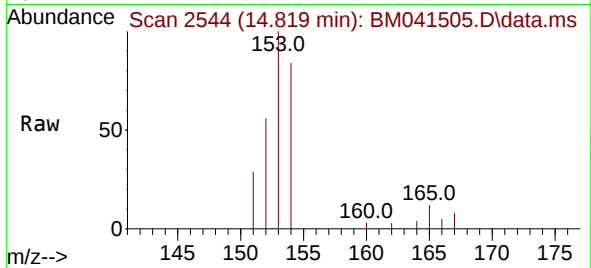
Tgt Ion:152 Resp: 8342
Ion Ratio Lower Upper
152 100
151 38.0 15.8 23.6#
153 48.1 10.6 15.8#





#11
Acenaphthene
Concen: 0.194 ng/uI
RT: 14.819 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

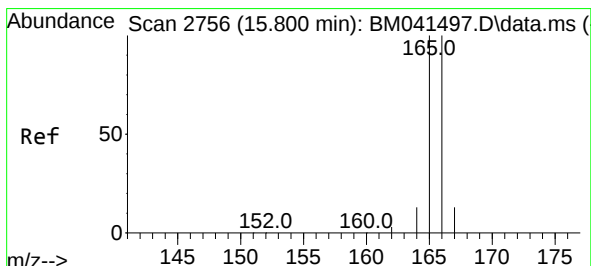
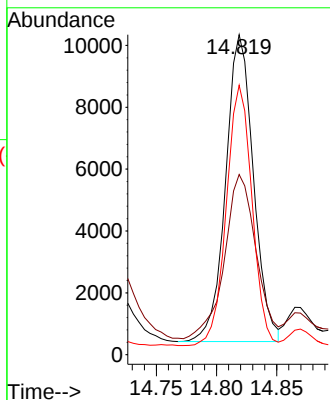
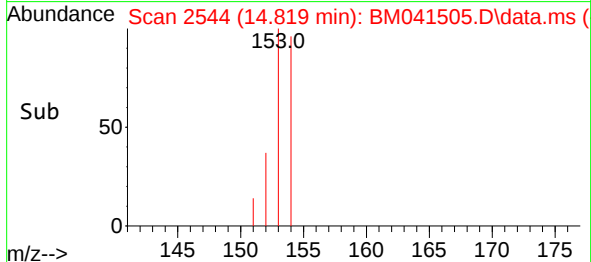
Instrument :
BNA_M
ClientSampleId :
EZYH2



Tgt Ion:153 Resp: 1592
Ion Ratio Lower Upper
153 100
152 56.3 42.9 64.3
154 84.2 68.9 103.3

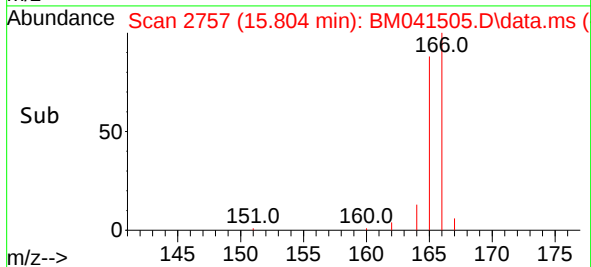
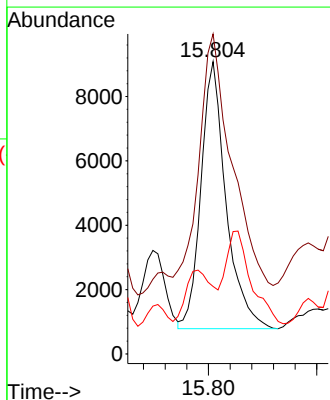
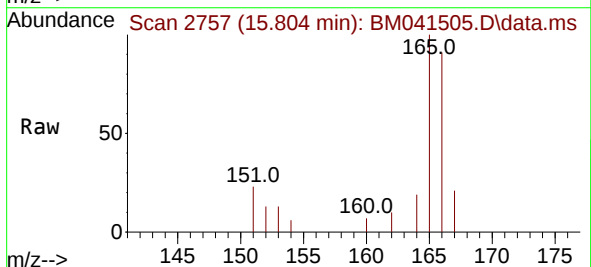
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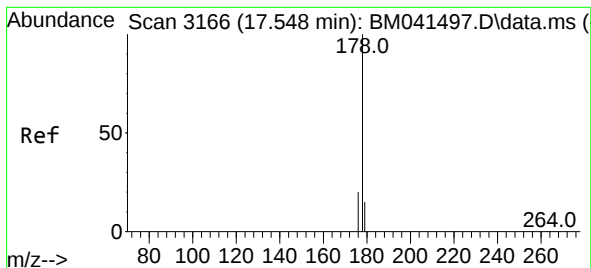
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#12
Fluorene
Concen: 0.145 ng/uI
RT: 15.804 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:166 Resp: 13318
Ion Ratio Lower Upper
166 100
165 109.5 79.4 119.2
167 23.1 11.0 16.6#





#15

Phenanthrene

Concen: 1.099 ng/ul

RT: 17.552 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Instrument :

BNA_M

ClientSampleId :

EZYH2

Tgt Ion:178 Resp: 135229

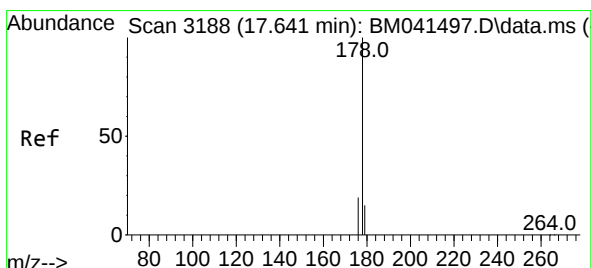
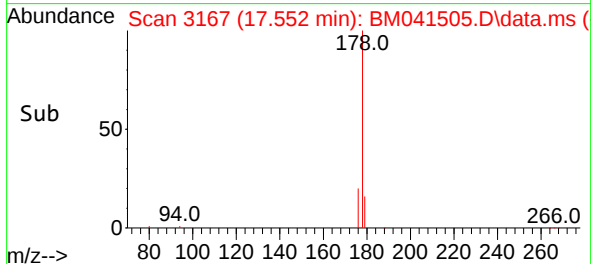
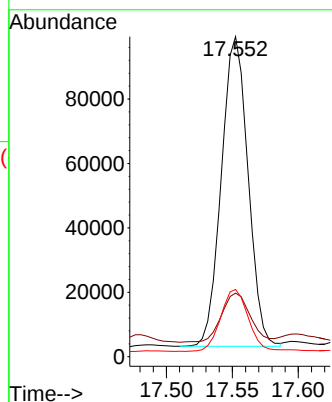
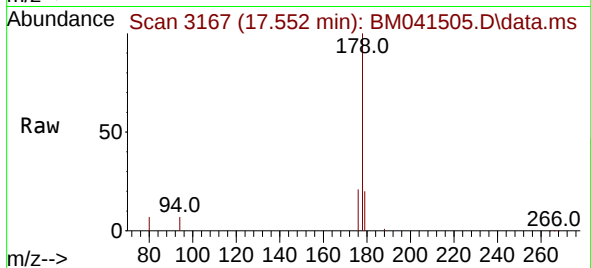
Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.5	18.7
176	21.0	15.8	23.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#16

Anthracene

Concen: 0.156 ng/ul

RT: 17.645 min Scan# 3189

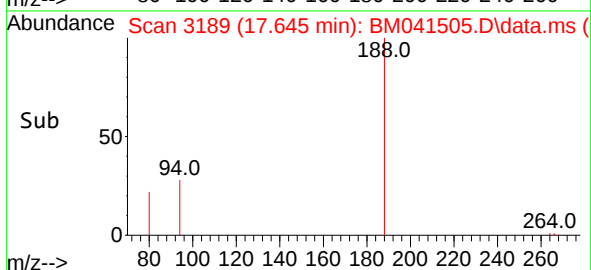
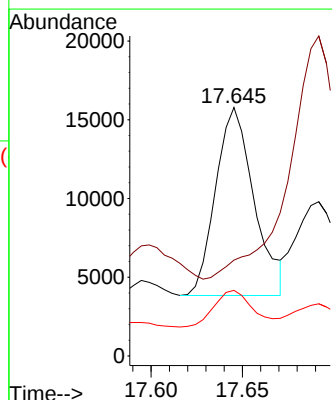
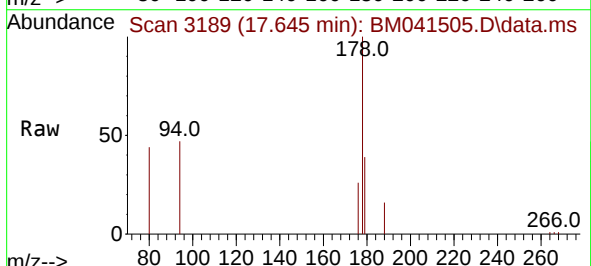
Delta R.T. -0.000 min

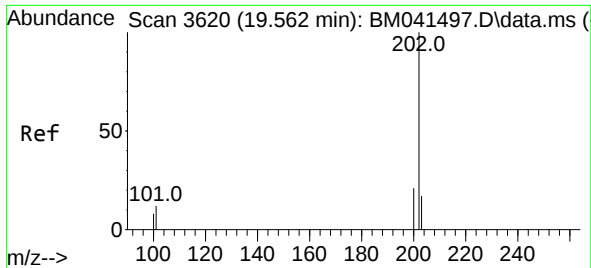
Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Tgt Ion:178 Resp: 17510

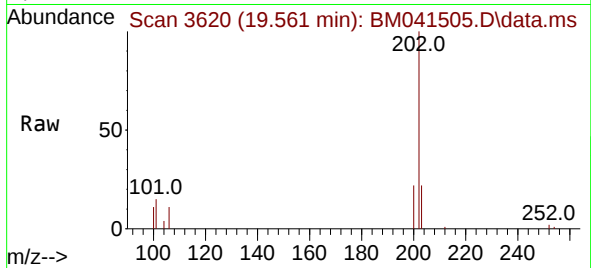
Ion	Ratio	Lower	Upper
178	100		
179	38.6	12.6	18.8
176	26.4	15.5	23.3





#19
Fluoranthene
Concen: 1.563 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

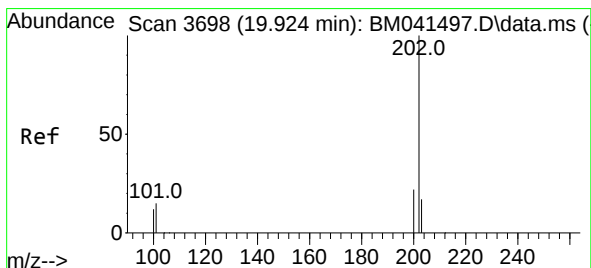
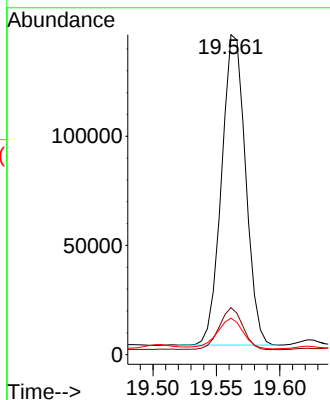
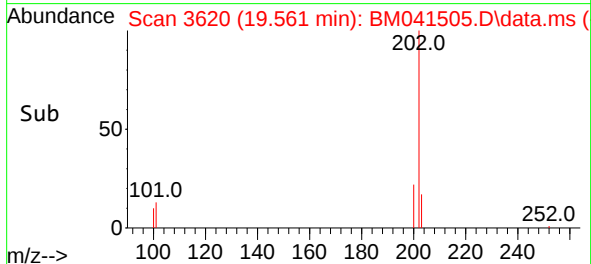
Instrument :
BNA_M
ClientSampleId :
EZYH2



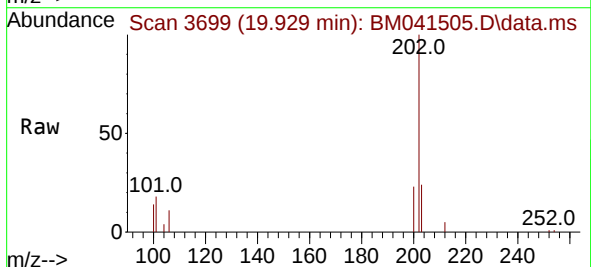
Tgt Ion:202 Resp: 187011
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.6
100 11.4 7.9 11.9

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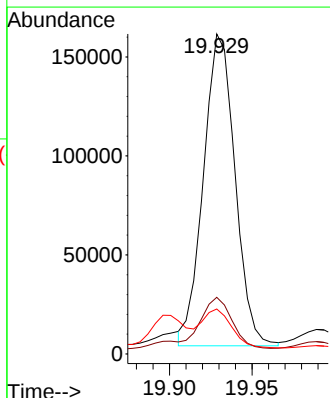
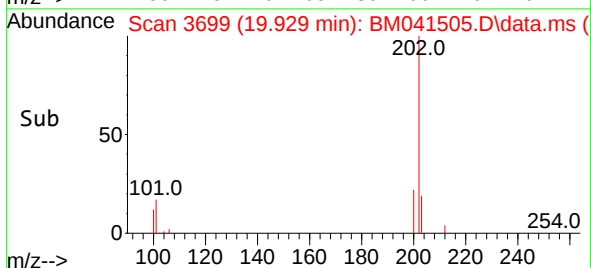
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

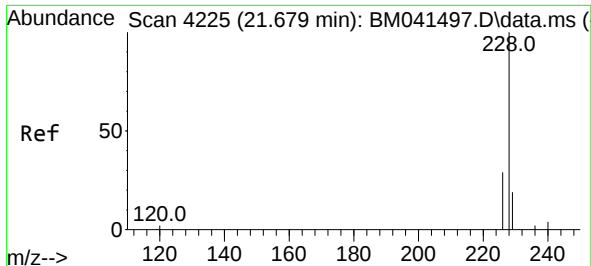


#20
Pyrene
Concen: 1.735 ng/ul m
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13



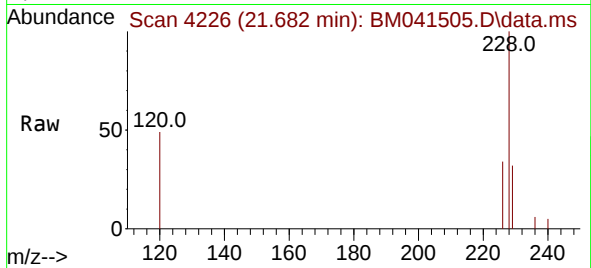
Tgt Ion:202 Resp: 209431
Ion Ratio Lower Upper
202 100
101 17.7 12.2 18.2
100 14.0 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.821 ng/ul
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

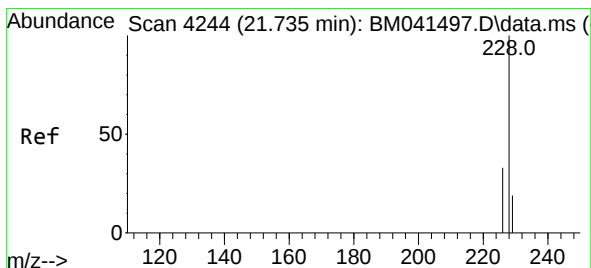
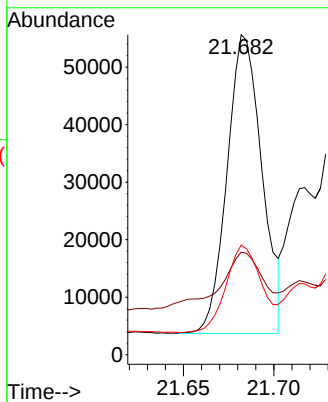
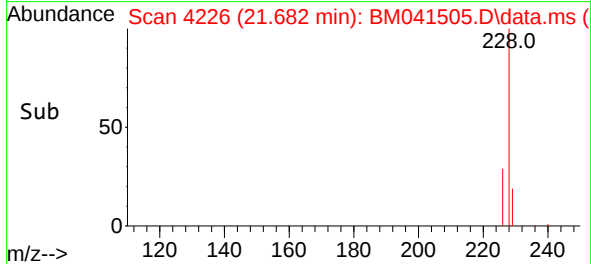
Instrument :
BNA_M
ClientSampleId :
EZYH2



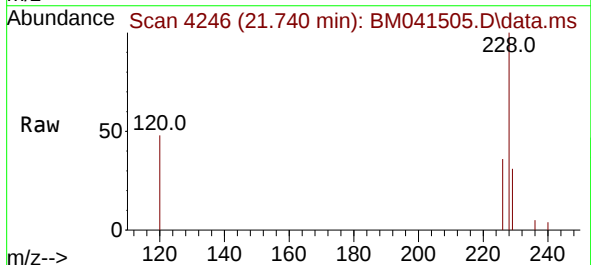
Tgt Ion:228 Resp: 6968
Ion Ratio Lower Upper
228 100
229 32.0 15.3 22.9
226 34.2 22.7 34.1

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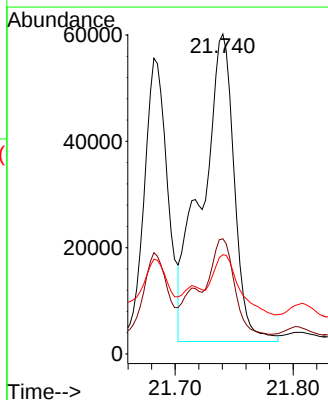
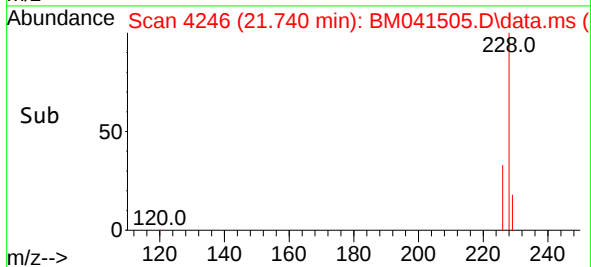
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

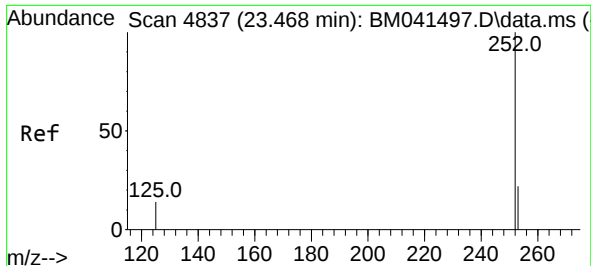


#22
Chrysene
Concen: 1.206 ng/ul m
RT: 21.740 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13



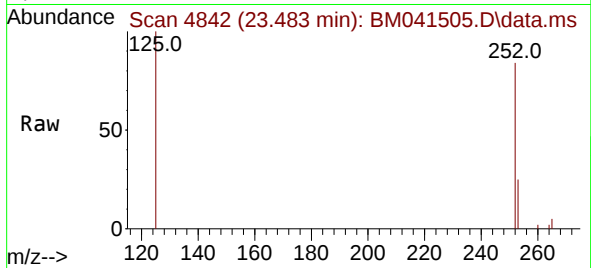
Tgt Ion:228 Resp: 110571
Ion Ratio Lower Upper
228 100
226 36.0 25.6 38.4
229 31.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.705 ng/ul
RT: 23.483 min Scan# 4842
Delta R.T. -0.000 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

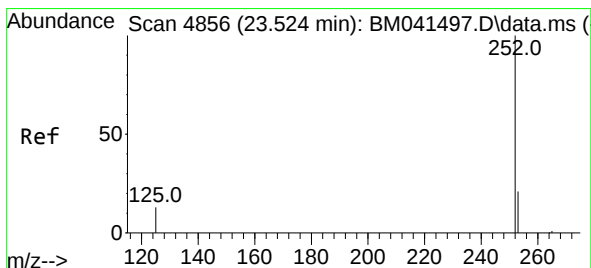
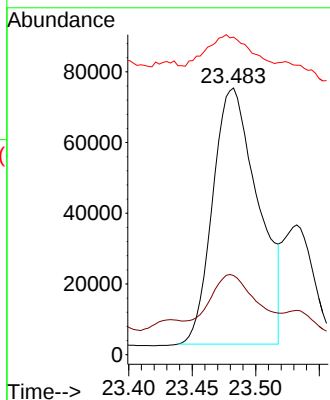
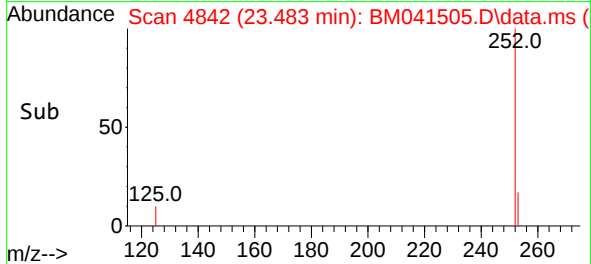
Instrument :
BNA_M
ClientSampleId :
EZYH2



Tgt Ion:252 Resp: 18000
Ion Ratio Lower Upper
252 100
253 29.7 0.0 46.8
125 119.1 0.0 32.8

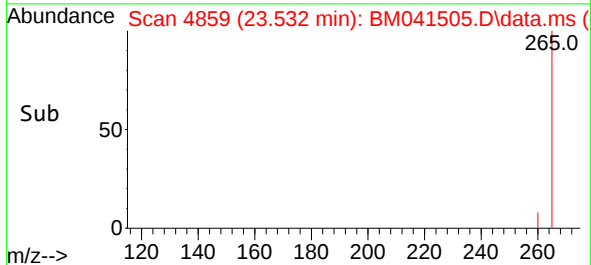
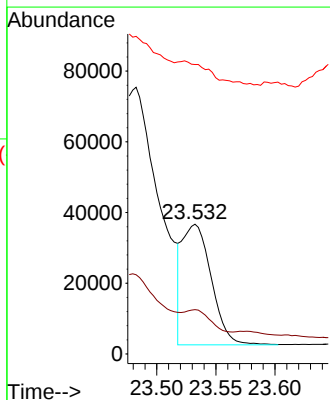
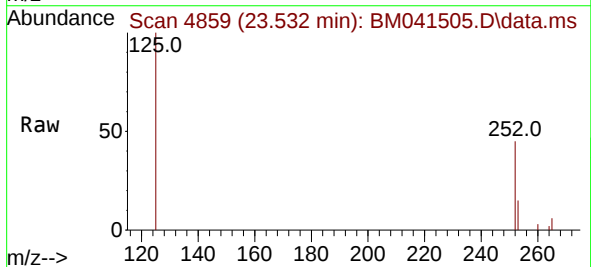
Manual Integrations
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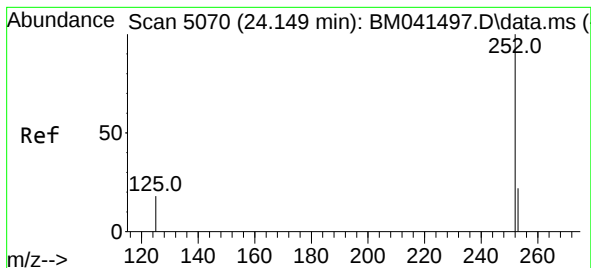
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.552 ng/ul m
RT: 23.532 min Scan# 4859
Delta R.T. -0.003 min
Lab File: BM041505.D
Acq: 25 Aug 2023 22:13

Tgt Ion:252 Resp: 58296
Ion Ratio Lower Upper
252 100
253 34.1 19.1 28.7#
125 223.0 13.4 20.0#





#26

Benzo(a)pyrene

Concen: 1.309 ng/ul

RT: 24.164 min Scan# 5070

Delta R.T. -0.000 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Instrument :

BNA_M

ClientSampleId :

EZYH2

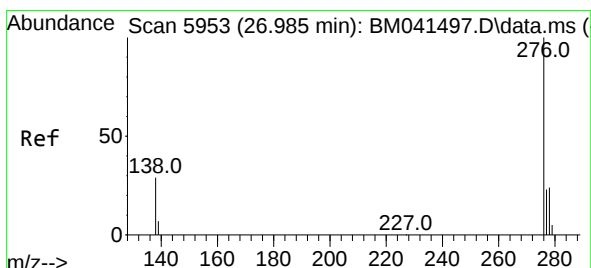
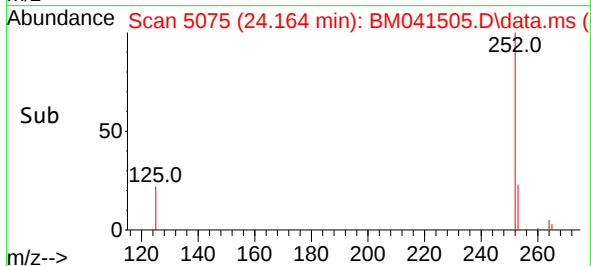
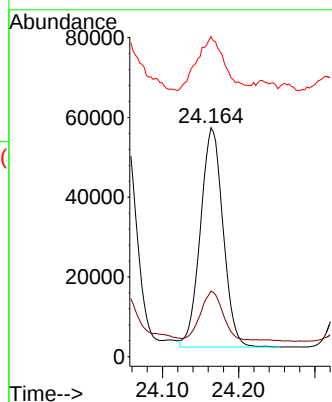
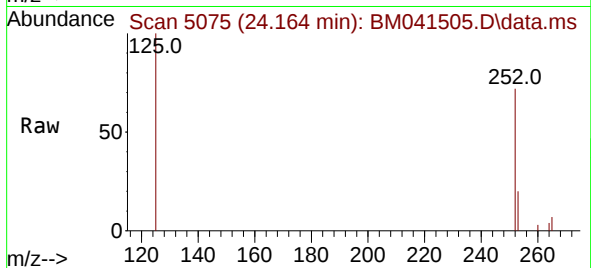
Tgt Ion:	252	Resp:	11351
Ion Ratio	Lower	Upper	
252	100		
253	28.6	19.5	29.3
125	139.8	16.0	24.0

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: 1.326 ng/ul

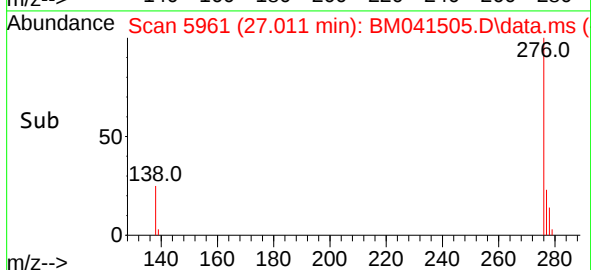
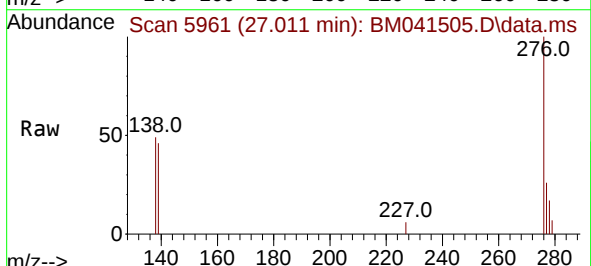
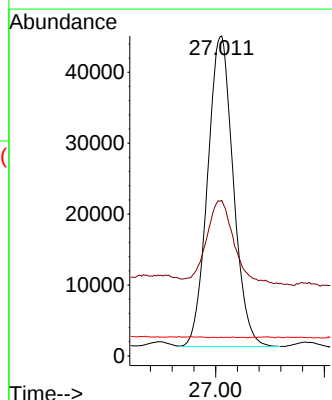
RT: 27.011 min Scan# 5961

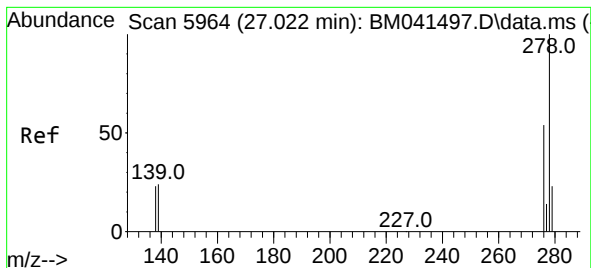
Delta R.T. 0.007 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Tgt Ion:	276	Resp:	143644
Ion Ratio	Lower	Upper	
276	100		
138	30.1	27.8	41.6
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.408 ng/ul

RT: 27.028 min Scan# 5964

Delta R.T. -0.017 min

Lab File: BM041505.D

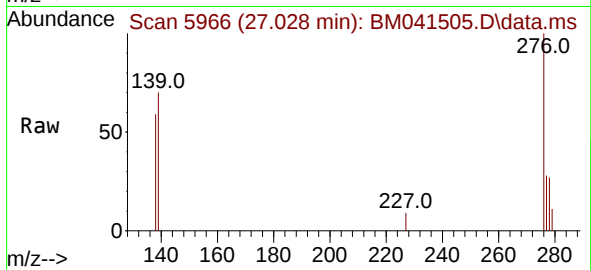
Acq: 25 Aug 2023 22:13

Instrument :

BNA_M

ClientSampleId :

EZYH2



Tgt Ion:278 Resp: 33819

Ion Ratio Lower Upper

278 100

139 263.2 21.9 32.9

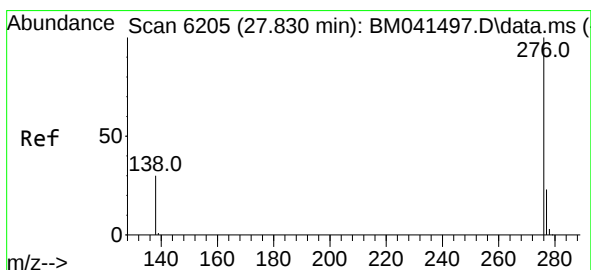
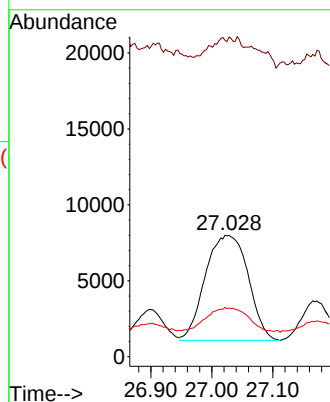
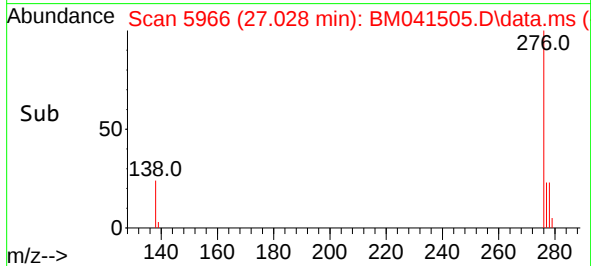
279 40.0 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#29

Benzo(g,h,i)perylene

Concen: 1.707 ng/ul

RT: 27.860 min Scan# 6214

Delta R.T. 0.007 min

Lab File: BM041505.D

Acq: 25 Aug 2023 22:13

Tgt Ion:276 Resp: 162938

Ion Ratio Lower Upper

276 100

138 46.0 25.9 38.9

277 25.9 19.4 29.2

