

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041501.D
 Acq On : 25 Aug 2023 19:44
 Operator : MA/JU
 Sample : 04037-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYD7

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 00:18:36 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	8.118	152	12549	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	33707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	14939	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	25575	0.400	ng/ul	0.00
17) Chrysene-d12	21.699	240	12082	0.400	ng/ul	# 0.00
23) Perylene-d12	24.272	264	14664	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	74004	4.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	12063	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	15710	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	16257	0.162	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	12665	0.210	ng/ul	99
8) 1-Methylnaphthalene	12.814	142	9438	0.154	ng/ul	98
11) Acenaphthene	14.819	153	2100	0.034	ng/ul	97
12) Fluorene	15.804	166	1621	0.023	ng/ul#	89
15) Phenanthrene	17.552	178	38666	0.412	ng/ul	99
16) Anthracene	17.645	178	5956	0.070	ng/ul#	89
19) Fluoranthene	19.561	202	71042	0.641	ng/ul	99
20) Pyrene	19.929	202	63461m	0.567	ng/ul	
21) Benzo(a)anthracene	21.682	228	36910	0.469	ng/ul#	89
22) Chrysene	21.737	228	41575	0.489	ng/ul#	90
24) Benzo(b)fluoranthene	23.474	252	74590	0.743	ng/ul	82
25) Benzo(k)fluoranthene	23.526	252	25111m	0.250	ng/ul	
26) Benzo(a)pyrene	24.158	252	52319	0.634	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.994	276	47476	0.460	ng/ul#	89
28) Dibenzo(a,h)anthracene	27.015	278	10278	0.130	ng/ul#	29
29) Benzo(g,h,i)perylene	27.836	276	46382	0.511	ng/ul	92

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

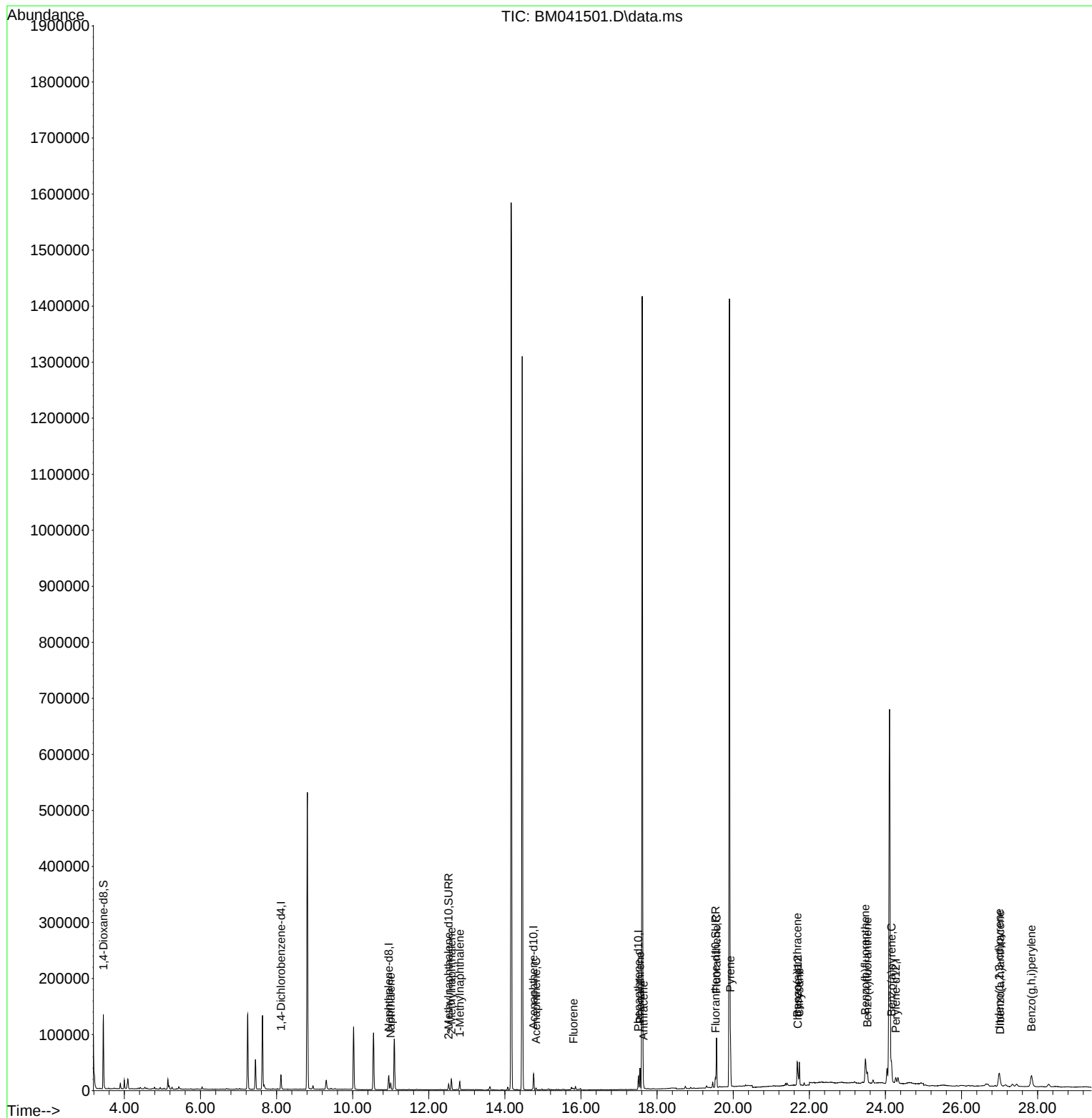
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041501.D
Acq On : 25 Aug 2023 19:44
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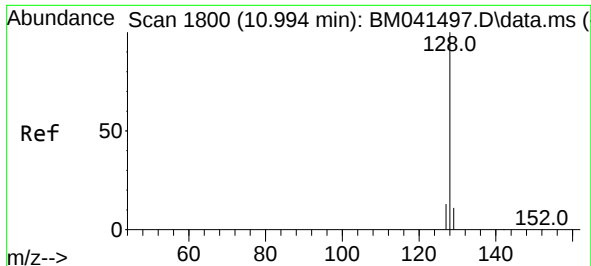
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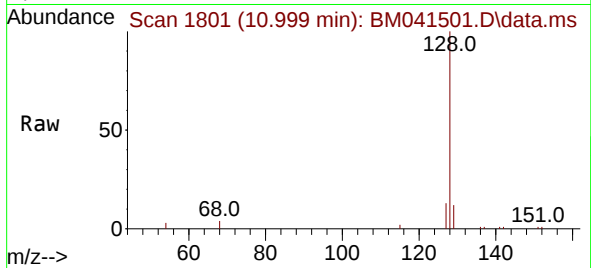
Quant Time: Aug 26 00:18:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.162 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

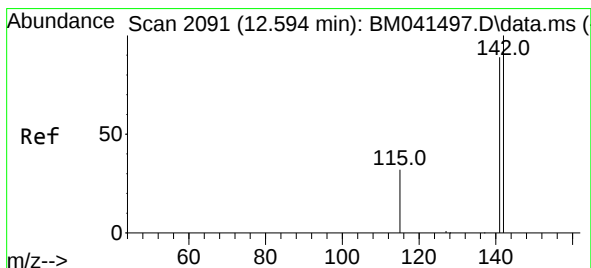
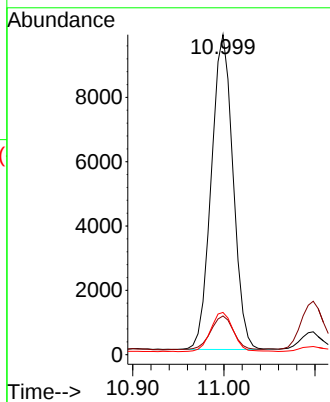
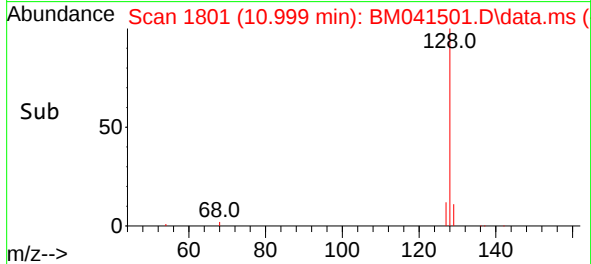
Instrument :
BNA_M
ClientSampleId :
EZYD7



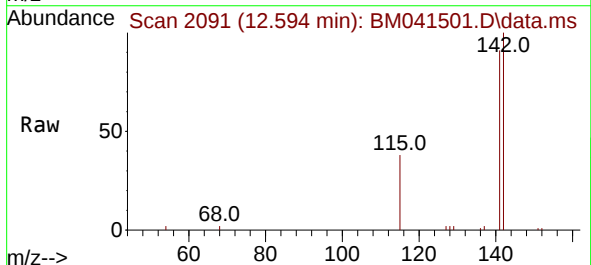
Tgt Ion:128 Resp: 1625
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.2 10.6 15.8

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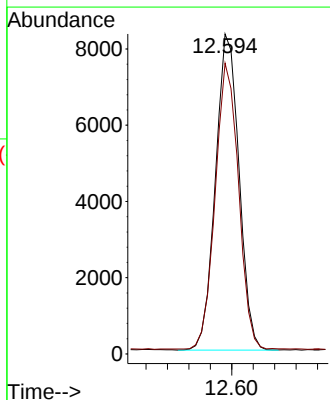
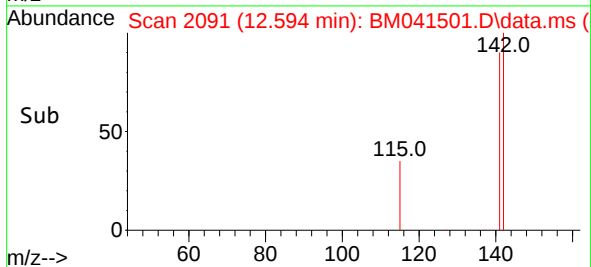
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

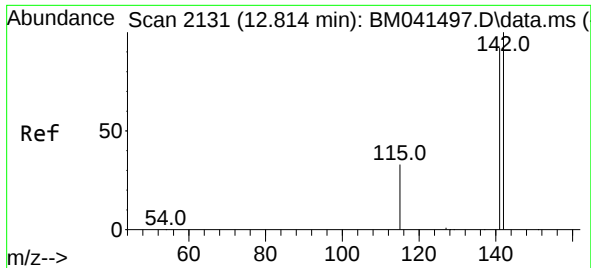


#7
2-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44



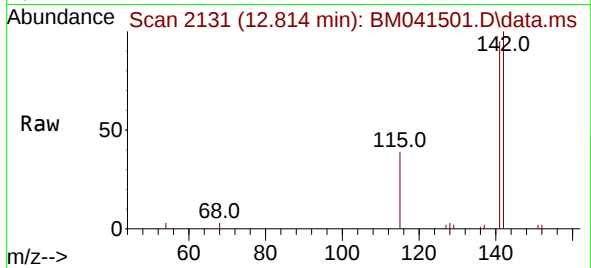
Tgt Ion:142 Resp: 12665
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

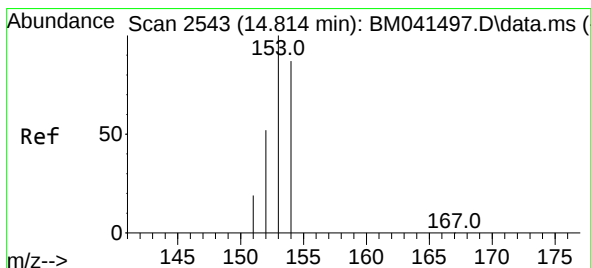
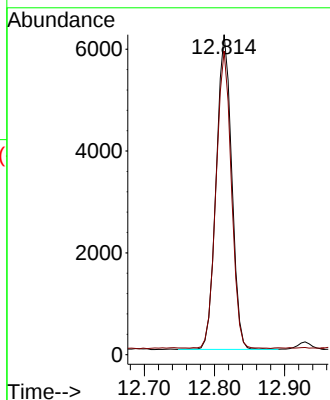
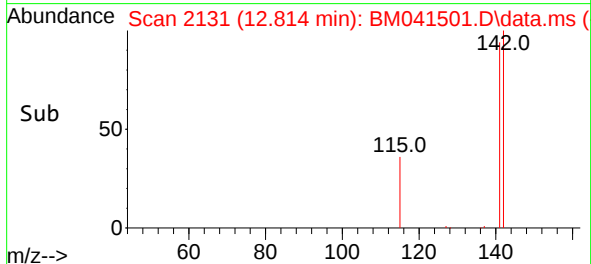
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 943
Ion Ratio Lower Upper
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141 93.3 73.4 110.2

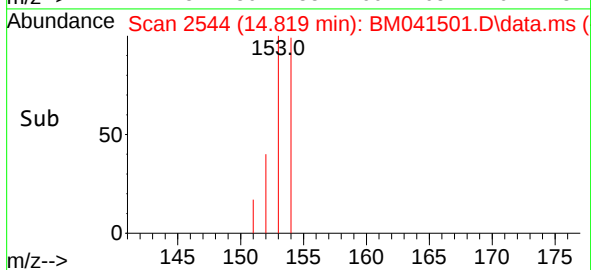
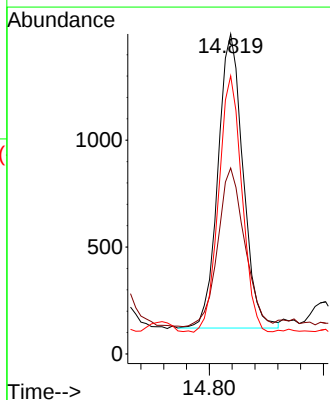
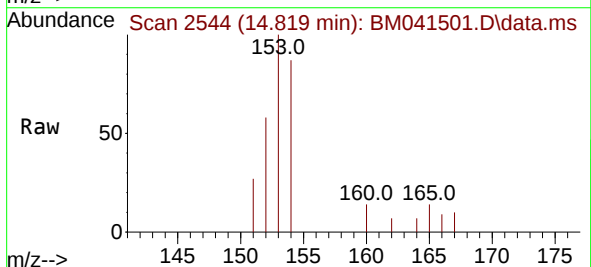
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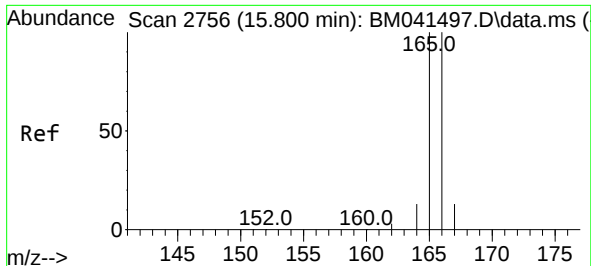
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

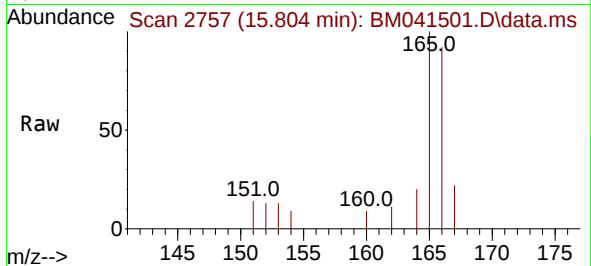
Tgt Ion:153 Resp: 2100
Ion Ratio Lower Upper
153 100
152 58.1 42.9 64.3
154 86.9 68.9 103.3





#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

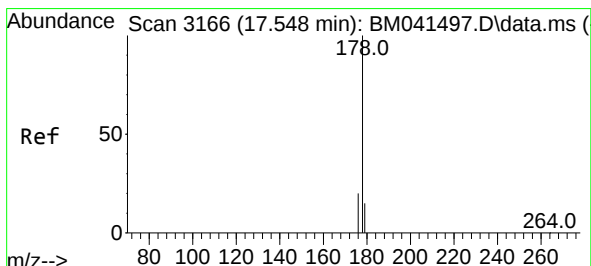
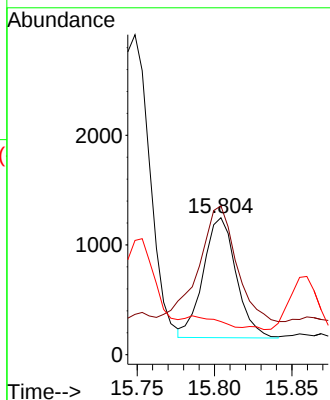
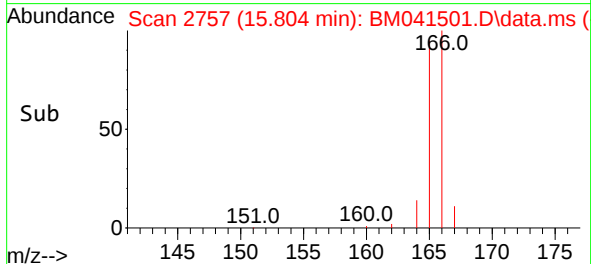
Instrument :
BNA_M
ClientSampleId :
EZYD7



Tgt Ion:166 Resp: 162
Ion Ratio Lower Upper
166 100
165 108.7 79.4 119.2
167 24.2 11.0 16.6

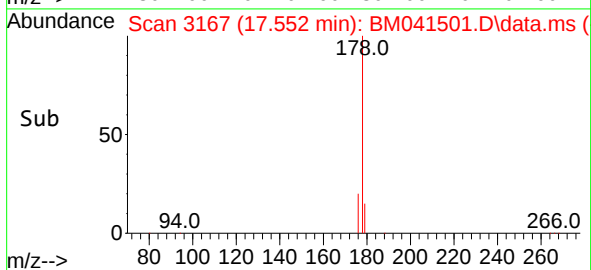
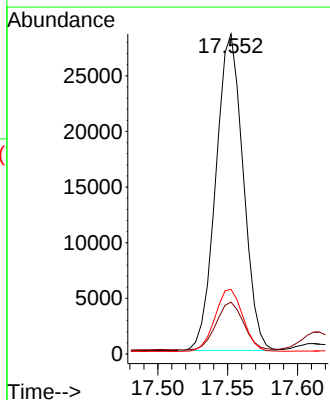
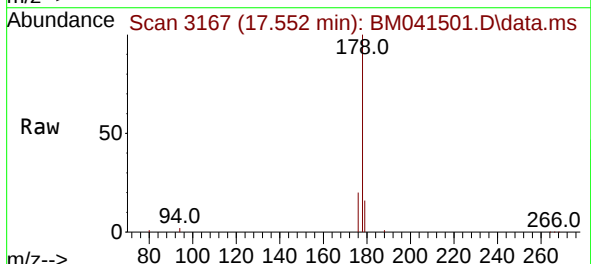
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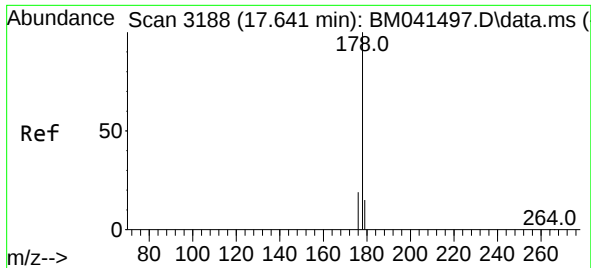
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#15
Phenanthrene
Concen: 0.412 ng/u1
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

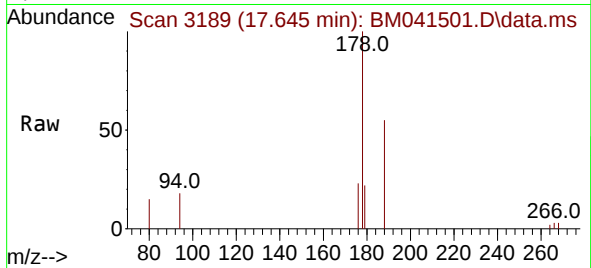
Tgt Ion:178 Resp: 38666
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 20.2 15.8 23.8





#16
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.645 min Scan# 3188
 Delta R.T. -0.000 min
 Lab File: BM041501.D
 Acq: 25 Aug 2023 19:44

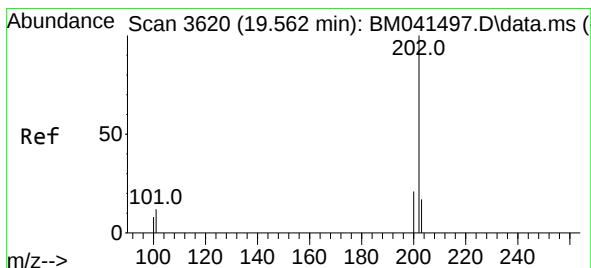
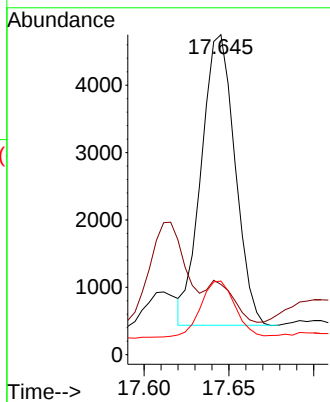
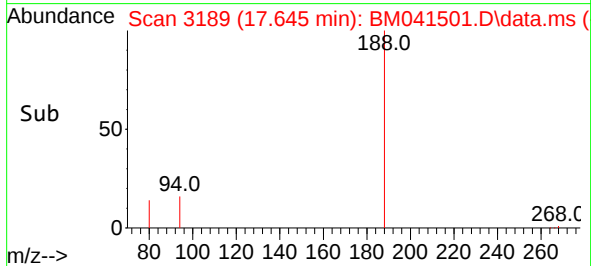
Instrument :
 BNA_M
 ClientSampleId :
 EZYD7



Tgt Ion:178 Resp: 5950
 Ion Ratio Lower Upper
 178 100
 179 21.9 12.6 18.8
 176 23.0 15.5 23.3

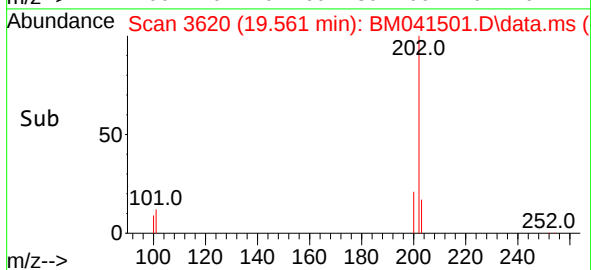
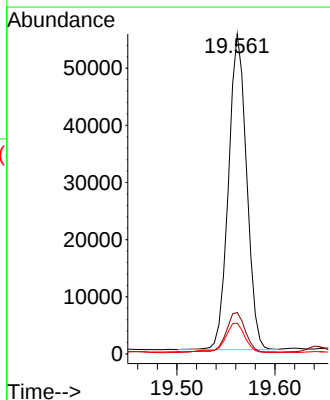
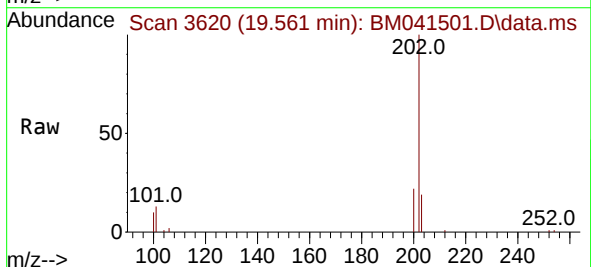
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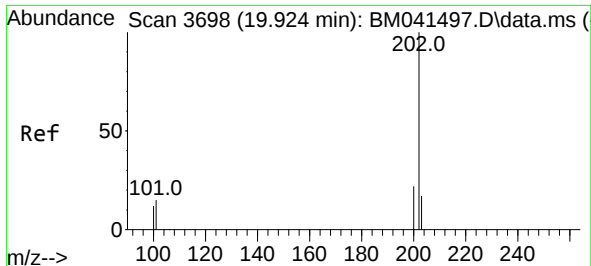
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023



#19
 Fluoranthene
 Concen: 0.641 ng/ul
 RT: 19.561 min Scan# 3620
 Delta R.T. -0.005 min
 Lab File: BM041501.D
 Acq: 25 Aug 2023 19:44

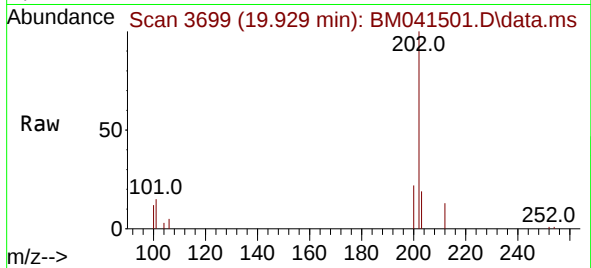
Tgt Ion:202 Resp: 71042
 Ion Ratio Lower Upper
 202 100
 101 12.9 11.0 16.6
 100 9.7 7.9 11.9





#20
Pyrene
Concen: 0.567 ng/ul m
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

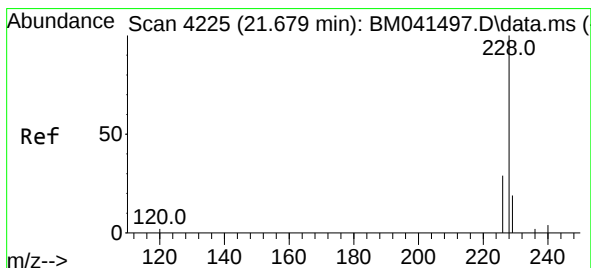
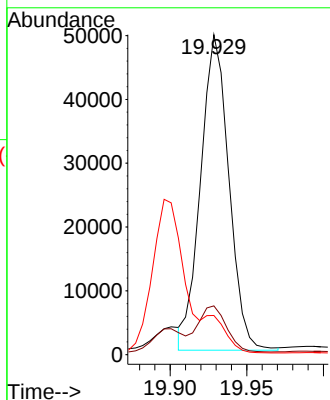
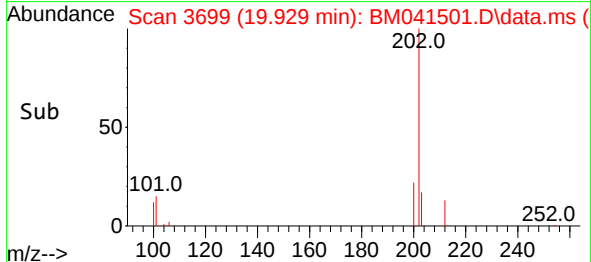
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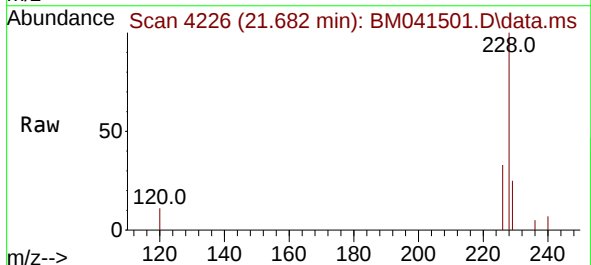
Tgt Ion:202 Resp: 6346
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 12.3 9.8 14.8

Manual Integrations
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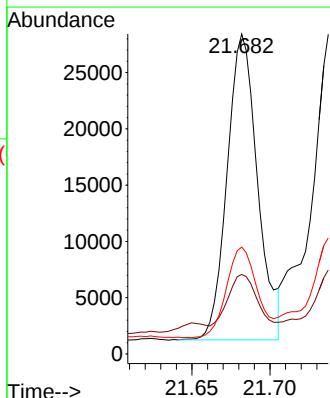
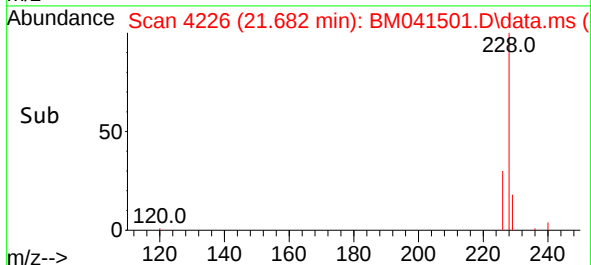
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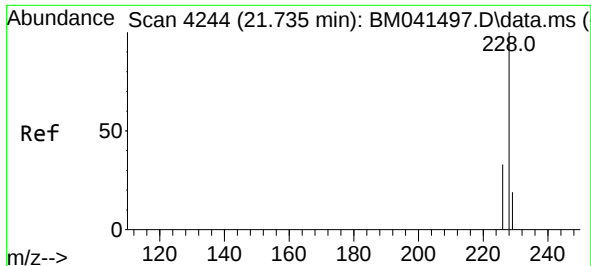


#21
Benzo(a)anthracene
Concen: 0.469 ng/ul
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44



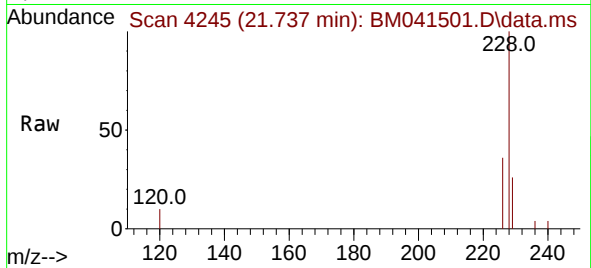
Tgt Ion:228 Resp: 36910
Ion Ratio Lower Upper
228 100
229 24.9 15.3 22.9#
226 33.4 22.7 34.1





#22
Chrysene
Concen: 0.489 ng/ul
RT: 21.737 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

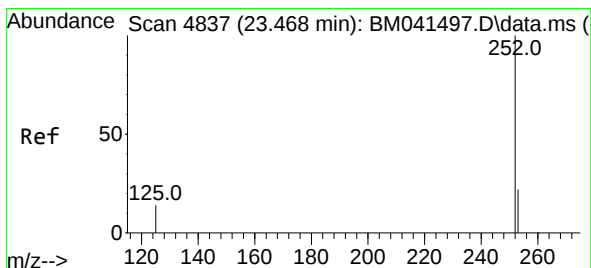
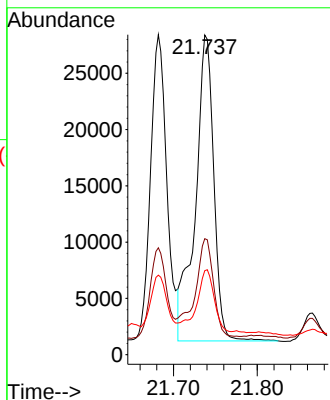
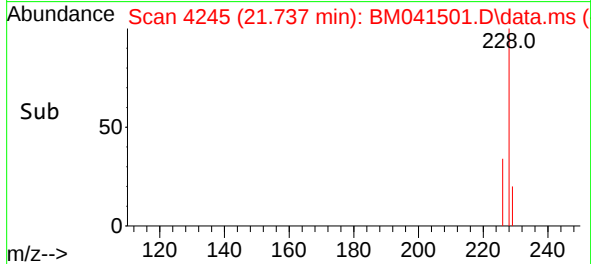
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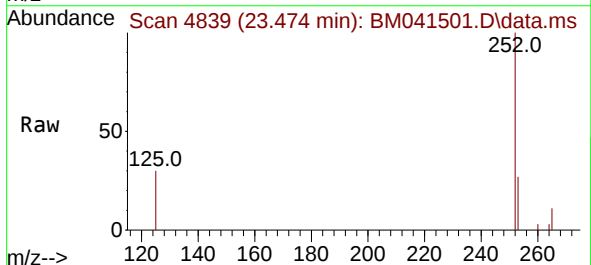
Tgt Ion:228 Resp: 4157
Ion Ratio Lower Upper
228 100
226 36.3 25.6 38.4
229 26.3 15.7 23.5

Manual Integrations
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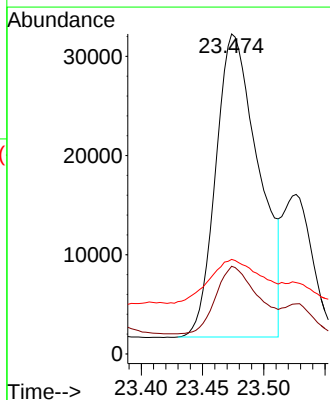
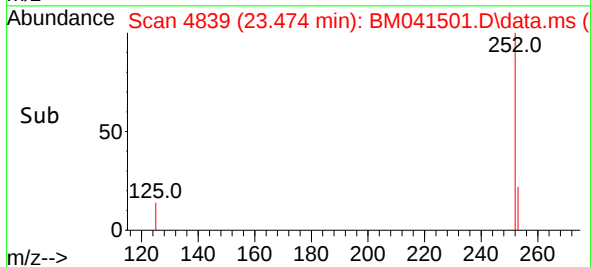
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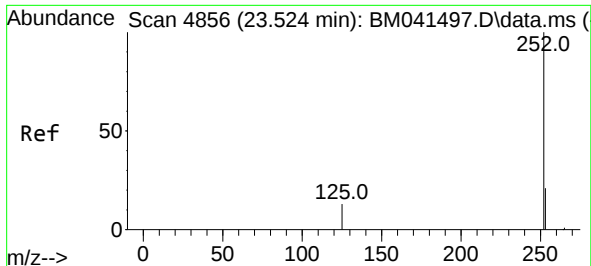


#24
Benzo(b)fluoranthene
Concen: 0.743 ng/ul
RT: 23.474 min Scan# 4839
Delta R.T. -0.009 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44



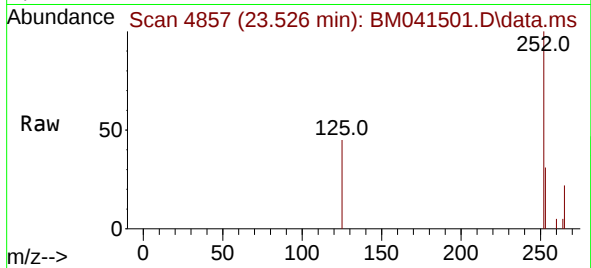
Tgt Ion:252 Resp: 74590
Ion Ratio Lower Upper
252 100
253 27.4 0.0 46.8
125 29.6 0.0 32.8





#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul m
RT: 23.526 min Scan# 4856
Delta R.T. -0.009 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

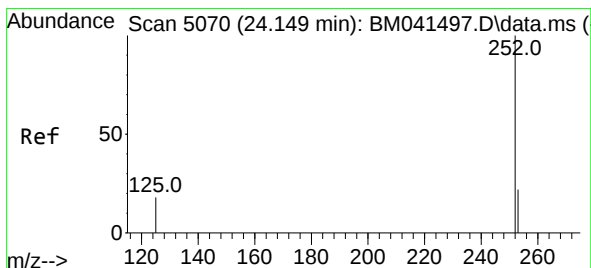
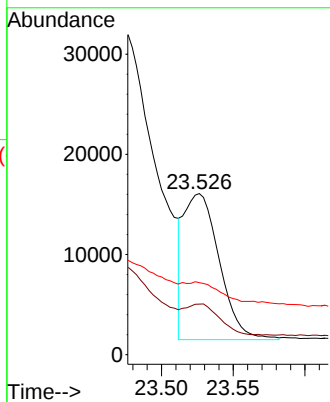
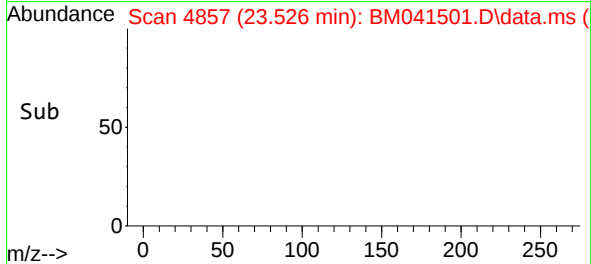
Instrument :
BNA_M
ClientSampleId :
EZYD7



Tgt Ion:252 Resp: 2511
Ion Ratio Lower Upper
252 100
253 31.4 19.1 28.7
125 44.7 13.4 20.0

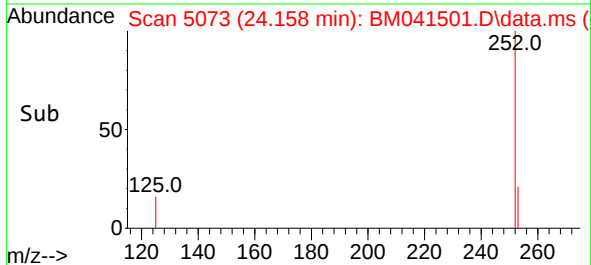
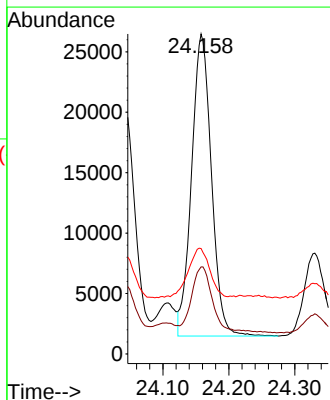
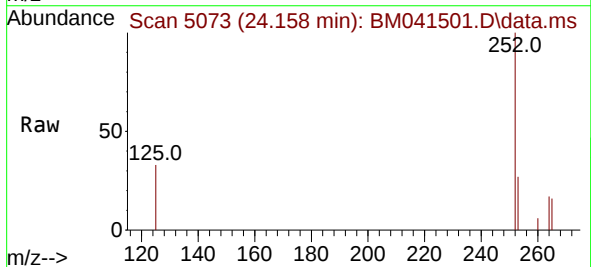
Manual Integrations
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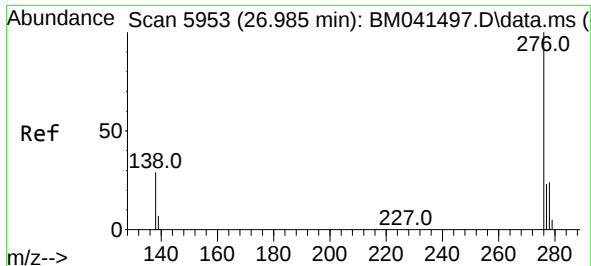
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#26
Benzo(a)pyrene
Concen: 0.634 ng/ul
RT: 24.158 min Scan# 5073
Delta R.T. -0.006 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

Tgt Ion:252 Resp: 52319
Ion Ratio Lower Upper
252 100
253 27.2 19.5 29.3
125 33.0 16.0 24.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng/ul

RT: 26.994 min Scan# 5953

Delta R.T. -0.010 min

Lab File: BM041501.D

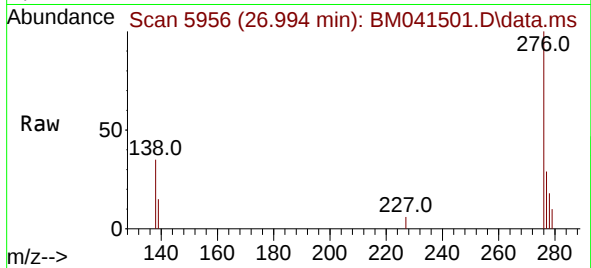
Acq: 25 Aug 2023 19:44

Instrument :

BNA_M

ClientSampleId :

EZYD7



Tgt Ion:276 Resp: 47470

Ion Ratio Lower Upper

276 100

138 28.4 27.8 41.6

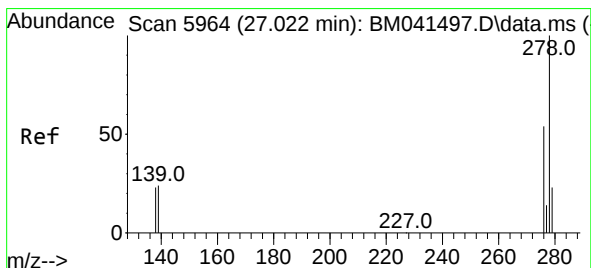
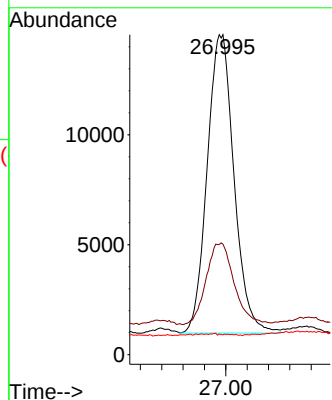
227 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.130 ng/ul

RT: 27.015 min Scan# 5962

Delta R.T. -0.030 min

Lab File: BM041501.D

Acq: 25 Aug 2023 19:44

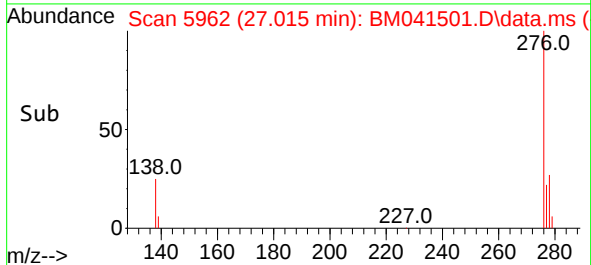
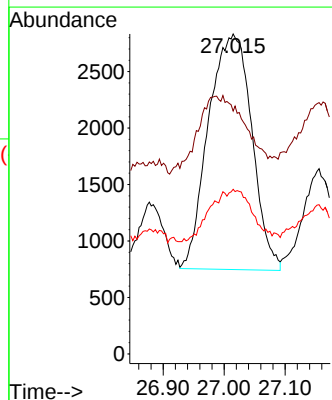
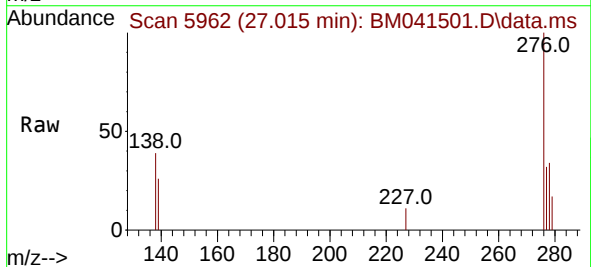
Tgt Ion:278 Resp: 10278

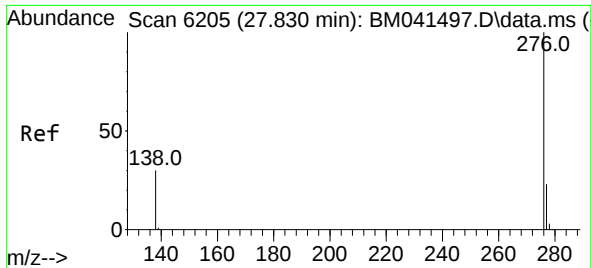
Ion Ratio Lower Upper

278 100

139 75.9 21.9 32.9#

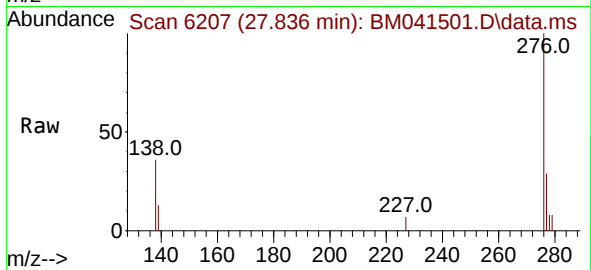
279 51.5 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.511 ng/ul
RT: 27.836 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM041501.D
Acq: 25 Aug 2023 19:44

Instrument :
BNA_M
ClientSampleId :
EZYD7



Tgt Ion:276 Resp: 4638
Ion Ratio Lower Upper
276 100
138 36.1 25.9 38.9
277 29.0 19.4 29.2

Manual Integrations
APPROVED

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

