

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041504.D
 Acq On : 25 Aug 2023 21:36
 Operator : MA/JU
 Sample : 04037-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZE2

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 00:19:05 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	14231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	39212	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	19647	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	39136	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.700	240	13979	0.400	ng/ul	# 0.00
23) Perylene-d12	24.269	264	15411	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	59514	3.304	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	8330	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	10718	0.174	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.999	128	18766	0.161	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	18098	0.258	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	7447	0.104	ng/ul	99
10) Acenaphthylene	14.486	152	5162	0.044	ng/ul#	84
11) Acenaphthene	14.819	153	4584	0.056	ng/ul	98
12) Fluorene	15.804	166	2270	0.025	ng/ul#	75
15) Phenanthrene	17.553	178	86413	0.601	ng/ul	97
16) Anthracene	17.645	178	14046	0.107	ng/ul#	83
19) Fluoranthene	19.562	202	170557	1.329	ng/ul	99
20) Pyrene	19.929	202	284284	2.197	ng/ul	99
21) Benzo(a)anthracene	21.682	228	77306	0.850	ng/ul#	93
22) Chrysene	21.738	228	269512m	2.742	ng/ul	
24) Benzo(b)fluoranthene	23.471	252	242107	2.294	ng/ul	89
25) Benzo(k)fluoranthene	23.524	252	75054m	0.711	ng/ul	
26) Benzo(a)pyrene	24.152	252	91711	1.058	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.985	276	130263	1.202	ng/ul#	89
28) Dibenzo(a,h)anthracene	27.015	278	30953	0.373	ng/ul#	60
29) Benzo(g,h,i)perylene	27.837	276	152492	1.598	ng/ul	99

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

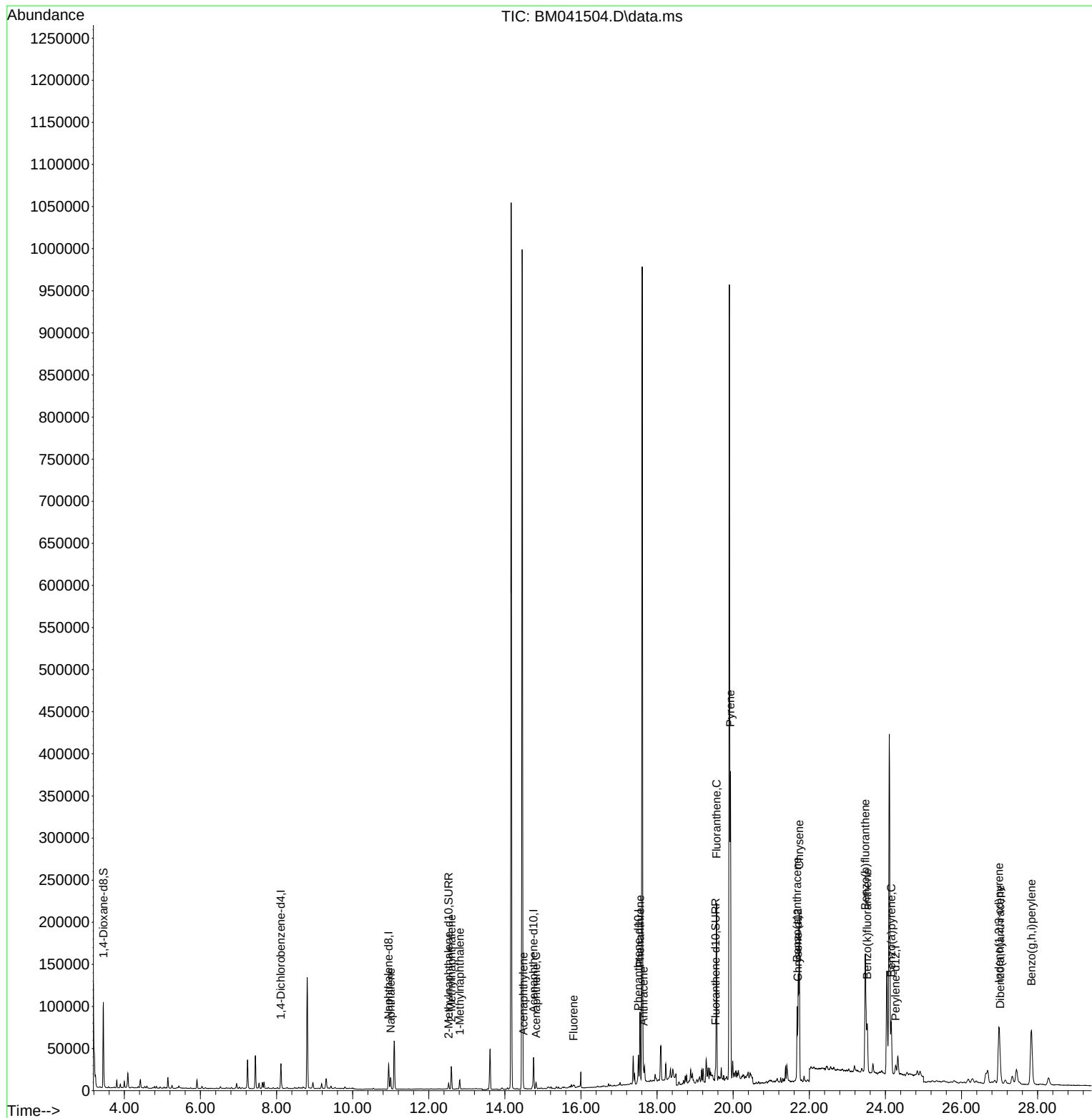
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041504.D
Acq On : 25 Aug 2023 21:36
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ALS Vial : 42 Sample Multiplier: 1

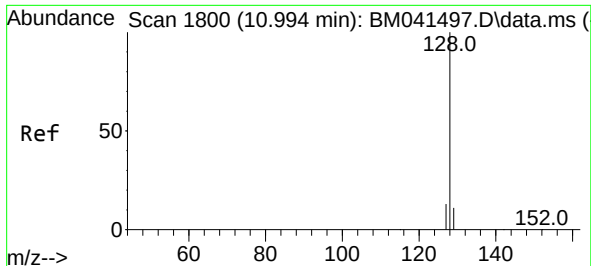
Instrument :
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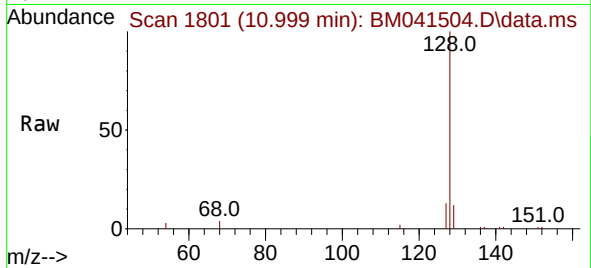
Quant Time: Aug 26 00:19:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.161 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

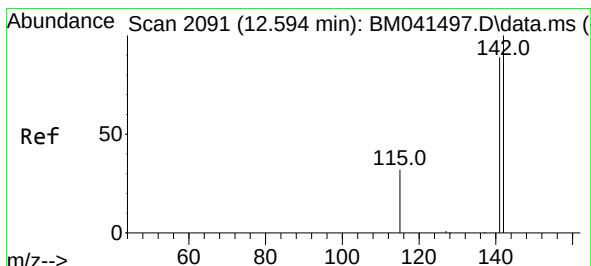
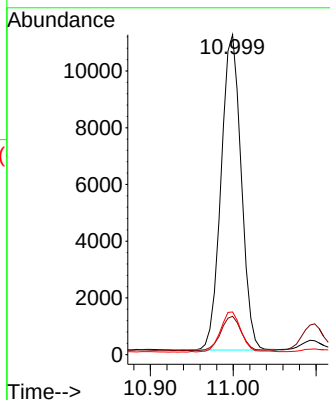
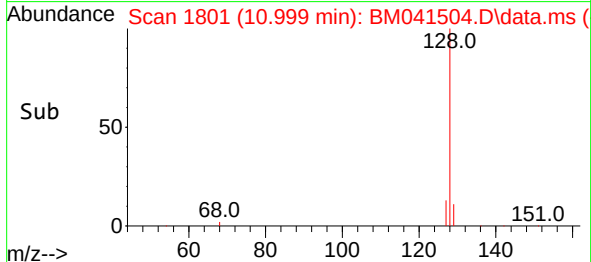
Instrument :
BNA_M
ClientSampleId :
EZY2



Tgt Ion:128 Resp: 18760
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 13.3 10.6 15.8

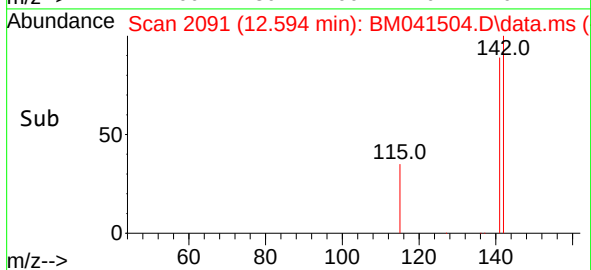
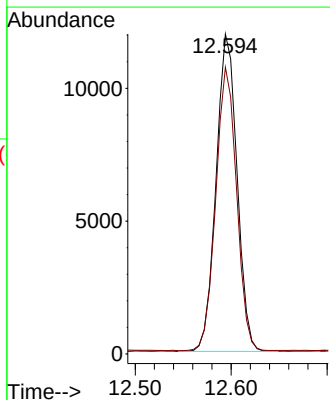
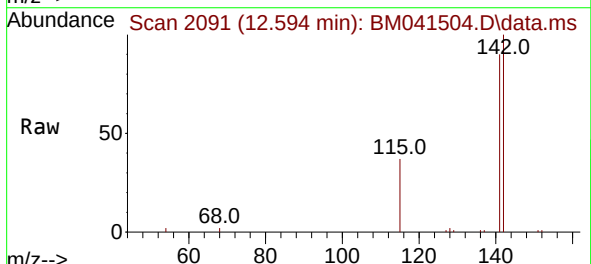
Manual Integrations
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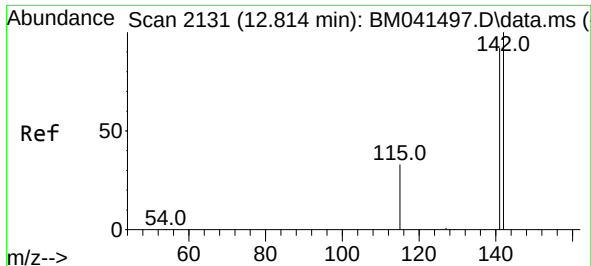
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

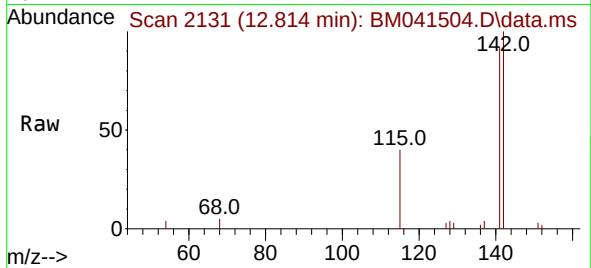
Tgt Ion:142 Resp: 18098
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

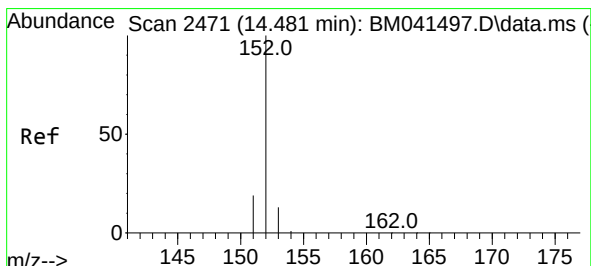
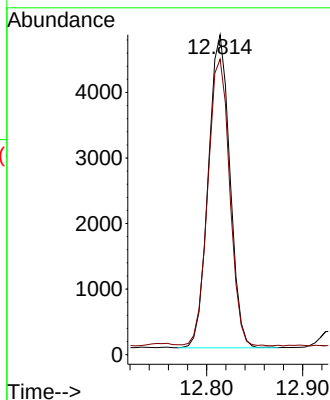
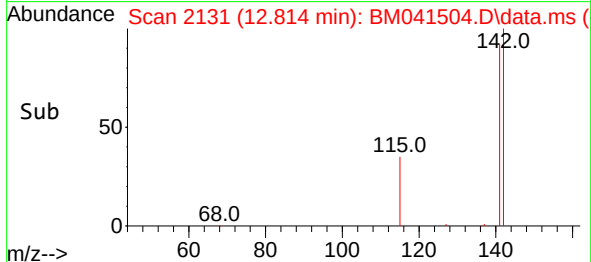
Instrument :
BNA_M
ClientSampleId :
EZY2



Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
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141 92.4 73.4 110.2

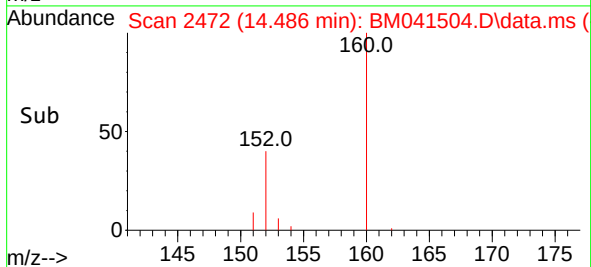
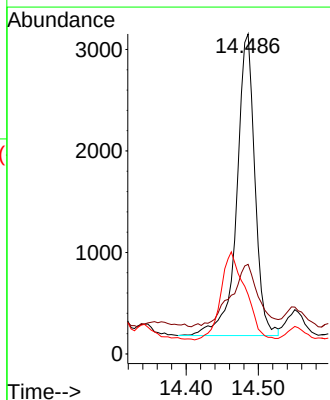
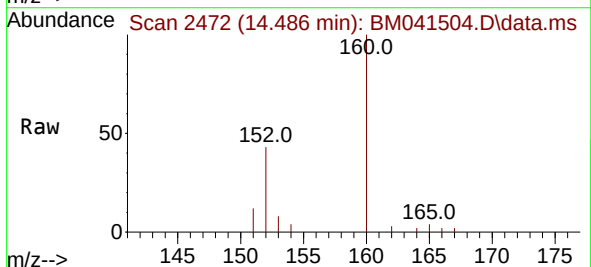
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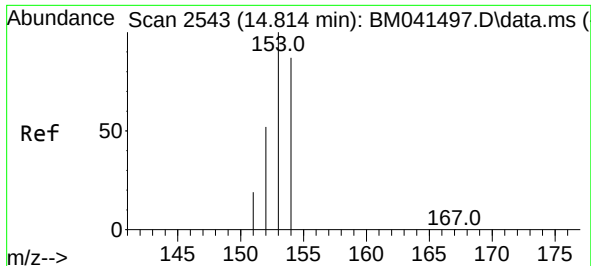
Reviewed By :Yogesh Patel 08/26/2023
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#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

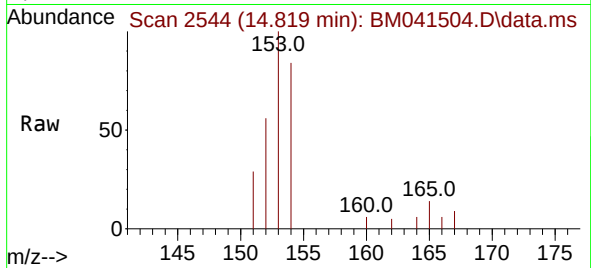
Tgt Ion:152 Resp: 5162
Ion Ratio Lower Upper
152 100
151 28.0 15.8 23.6#
153 18.5 10.6 15.8#





#11
Acenaphthene
Concen: 0.056 ng/u1
RT: 14.819 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

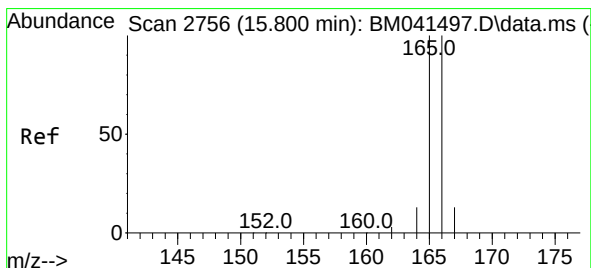
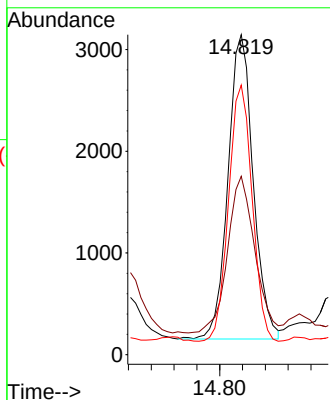
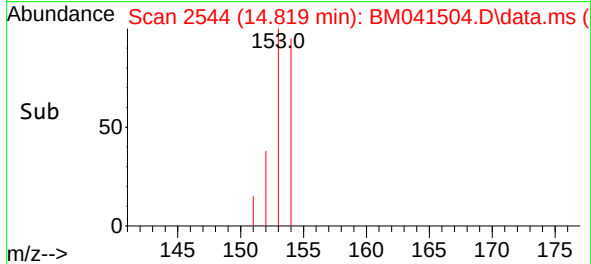
Instrument :
BNA_M
ClientSampleId :
EZY2



Tgt Ion:153 Resp: 4584
Ion Ratio Lower Upper
153 100
152 55.8 42.9 64.3
154 84.3 68.9 103.3

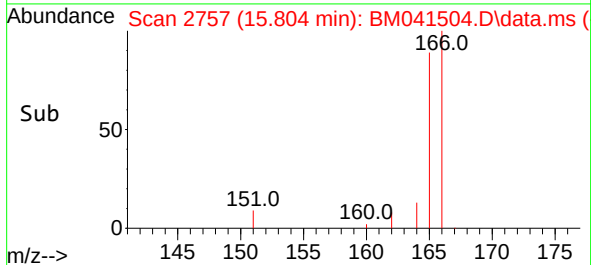
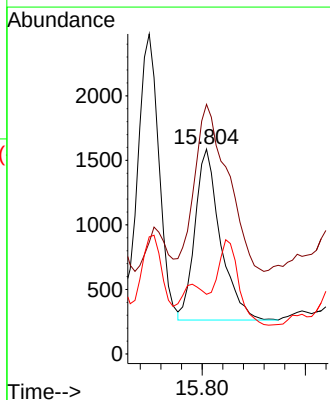
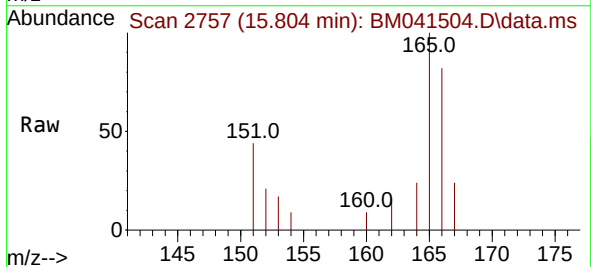
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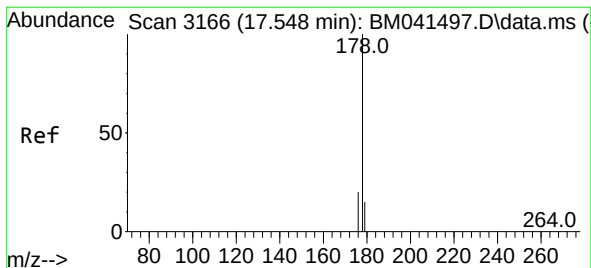
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.804 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:166 Resp: 2270
Ion Ratio Lower Upper
166 100
165 121.9 79.4 119.2#
167 29.2 11.0 16.6#





#15

Phenanthrene

Concen: 0.601 ng/ul

RT: 17.553 min Scan# 3166

Delta R.T. -0.004 min

Lab File: BM041504.D

Acq: 25 Aug 2023 21:36

Instrument :

BNA_M

ClientSampleId :

EZY2

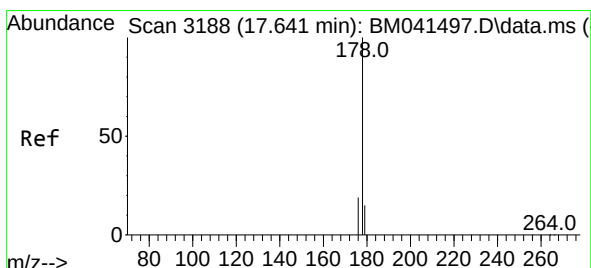
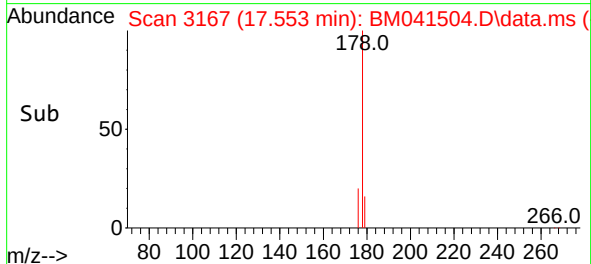
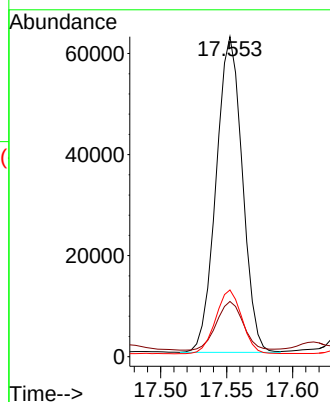
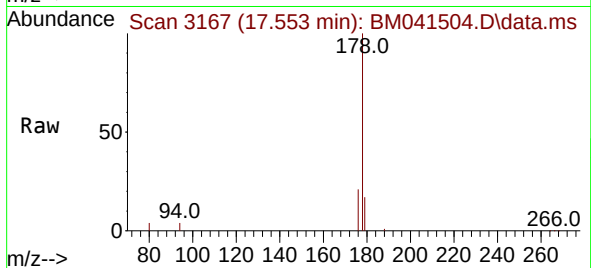
Tgt Ion:	178	Resp:	8641
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.5	18.7
176	20.8	15.8	23.8

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#16

Anthracene

Concen: 0.107 ng/ul

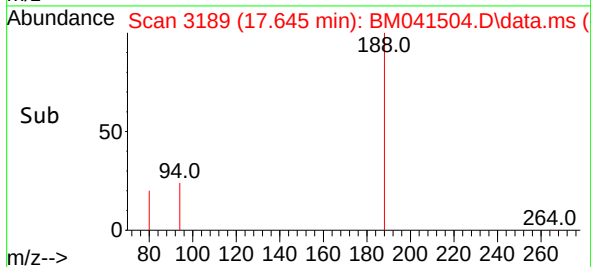
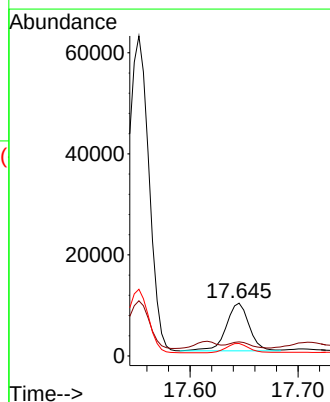
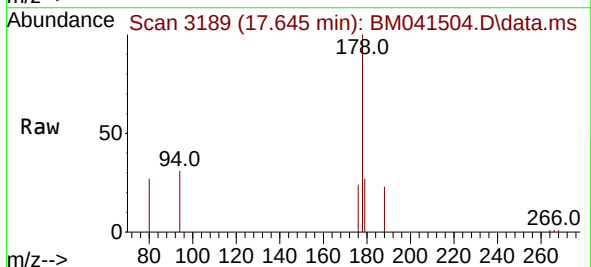
RT: 17.645 min Scan# 3189

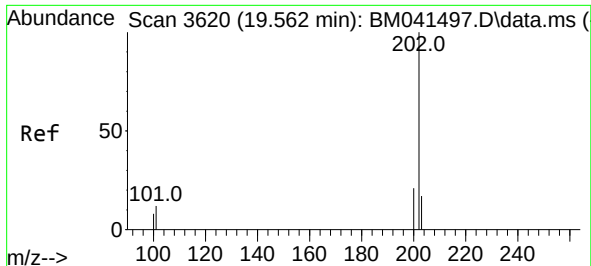
Delta R.T. 0.000 min

Lab File: BM041504.D

Acq: 25 Aug 2023 21:36

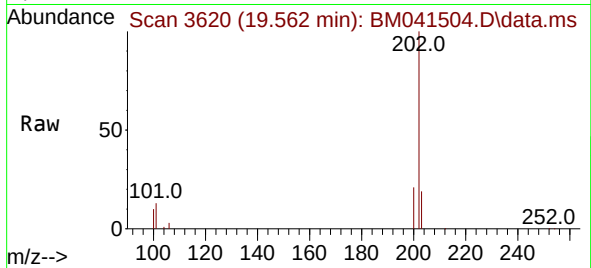
Tgt Ion:	178	Resp:	14046
Ion Ratio	Lower	Upper	
178	100		
179	26.7	12.6	18.8#
176	23.5	15.5	23.3#





#19
Fluoranthene
Concen: 1.329 ng/ul
RT: 19.562 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

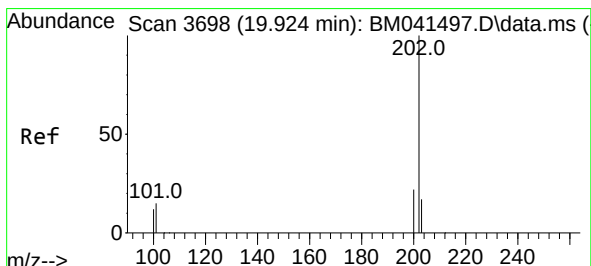
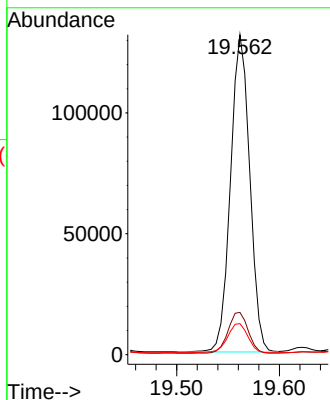
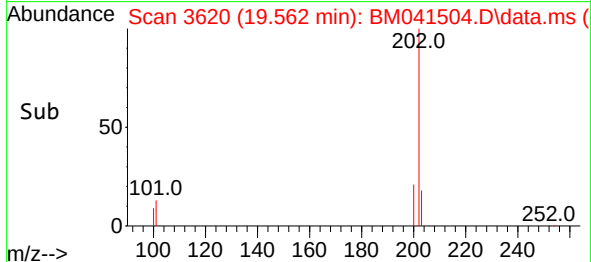
Instrument :
BNA_M
ClientSampleId :
EZY2



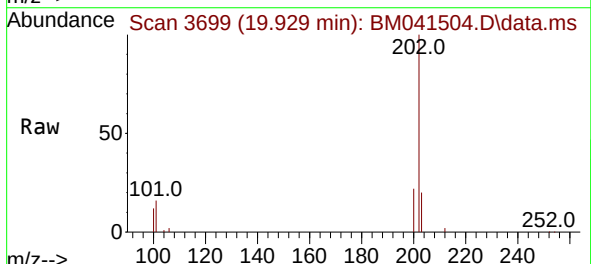
Tgt Ion:202 Resp: 17055
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.6
100 9.7 7.9 11.9

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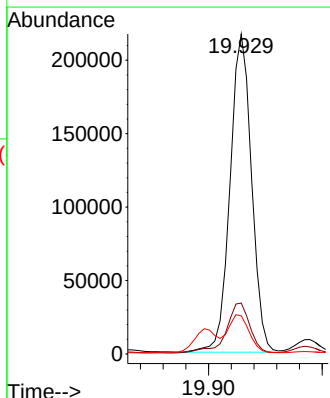
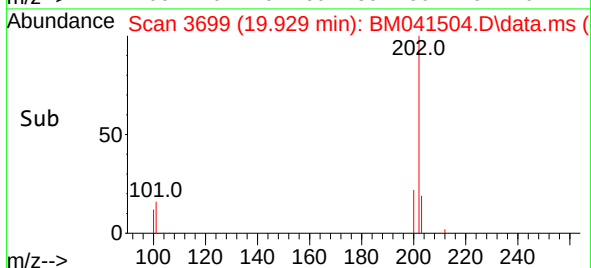
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

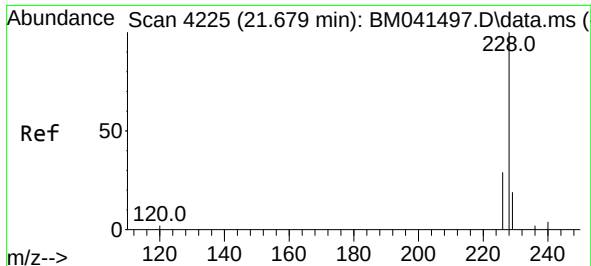


#20
Pyrene
Concen: 2.197 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36



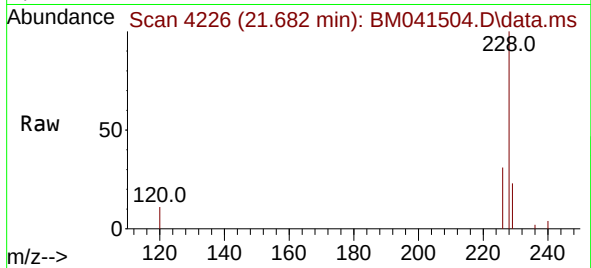
Tgt Ion:202 Resp: 284284
Ion Ratio Lower Upper
202 100
101 15.9 12.2 18.2
100 11.9 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.850 ng/ul
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

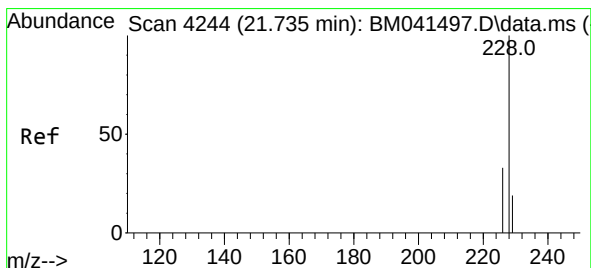
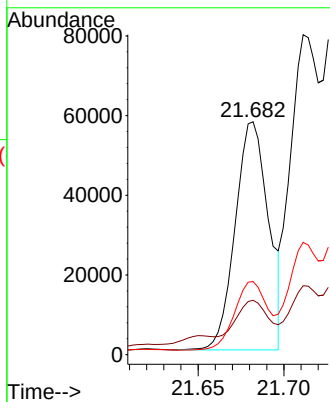
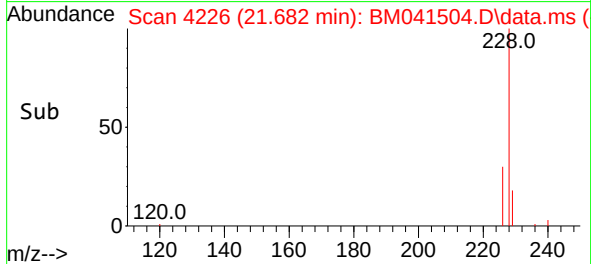
Instrument :
BNA_M
ClientSampleId :
EZY2



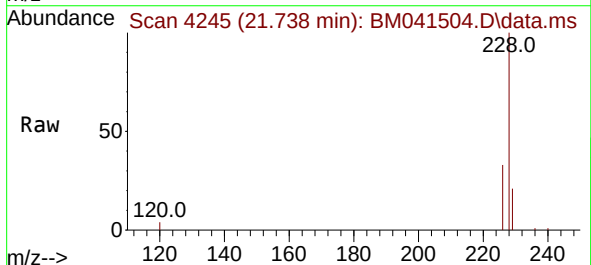
Tgt Ion:228 Resp: 77300
Ion Ratio Lower Upper
228 100
229 23.4 15.3 22.9
226 31.4 22.7 34.1

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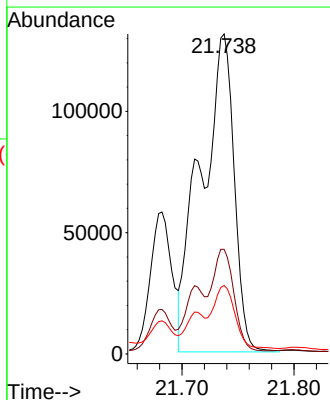
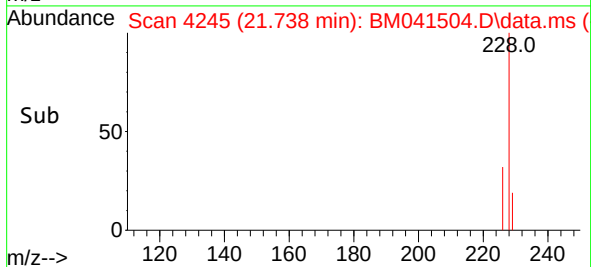
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

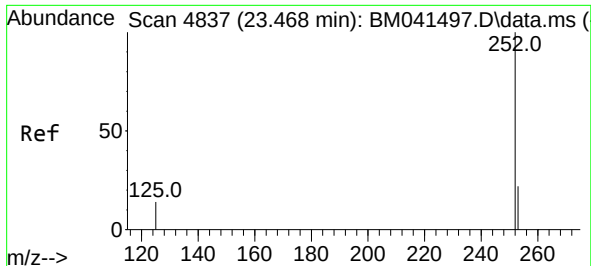


#22
Chrysene
Concen: 2.742 ng/ul m
RT: 21.738 min Scan# 4245
Delta R.T. -0.006 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36



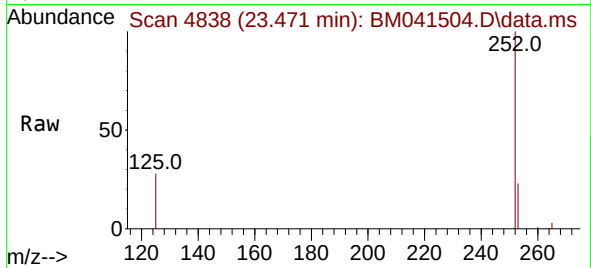
Tgt Ion:228 Resp: 269512
Ion Ratio Lower Upper
228 100
226 32.7 25.6 38.4
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.294 ng/ul
RT: 23.471 min Scan# 4838
Delta R.T. -0.012 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

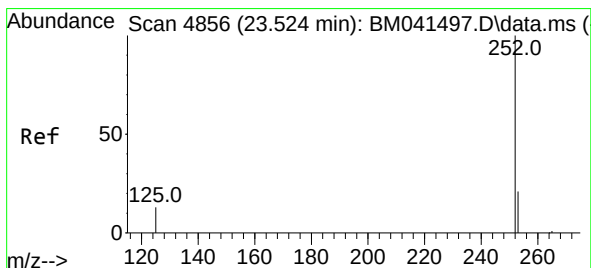
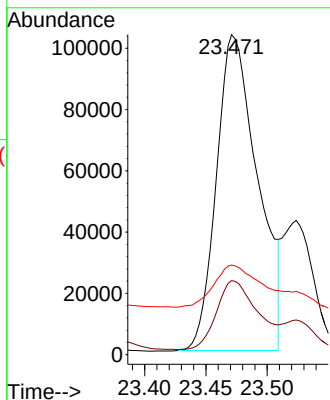
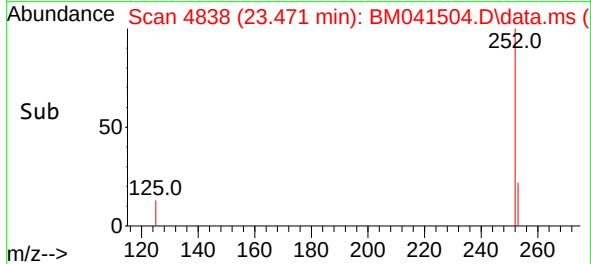
Instrument :
BNA_M
ClientSampleId :
EZY2



Tgt Ion:252 Resp: 24210
Ion Ratio Lower Upper
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253 23.2 0.0 46.8
125 28.0 0.0 32.8

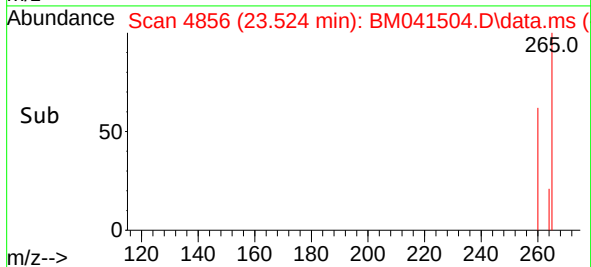
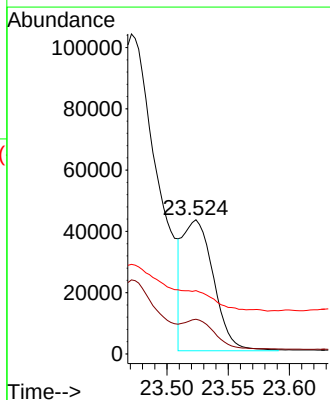
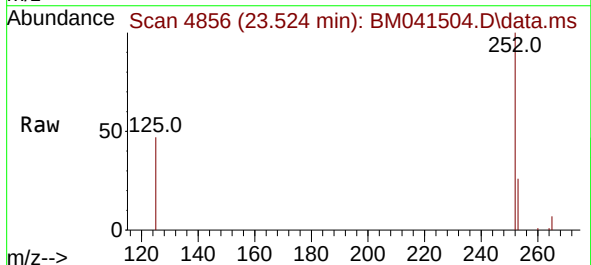
Manual Integrations
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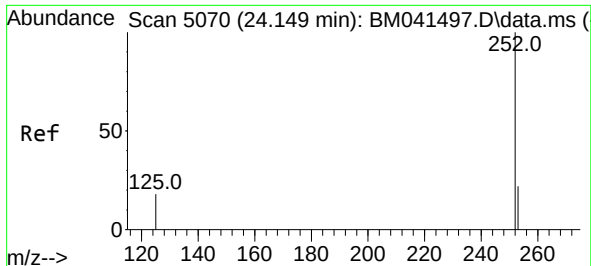
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.711 ng/ul m
RT: 23.524 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

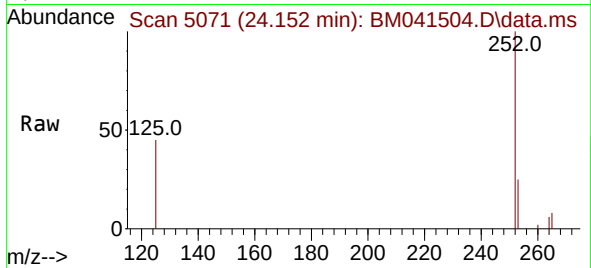
Tgt Ion:252 Resp: 75054
Ion Ratio Lower Upper
252 100
253 25.8 19.1 28.7
125 47.2 13.4 20.0#





#26
Benzo(a)pyrene
Concen: 1.058 ng/ul
RT: 24.152 min Scan# 5071
Delta R.T. -0.012 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

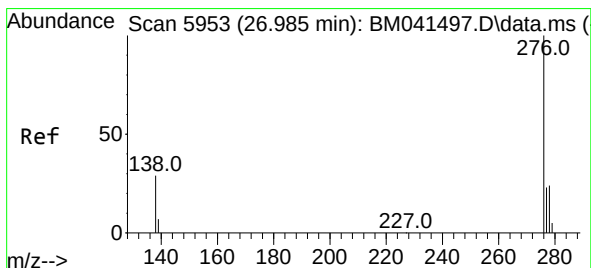
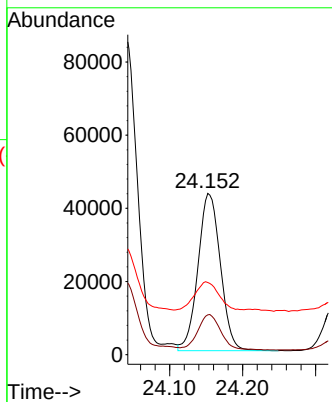
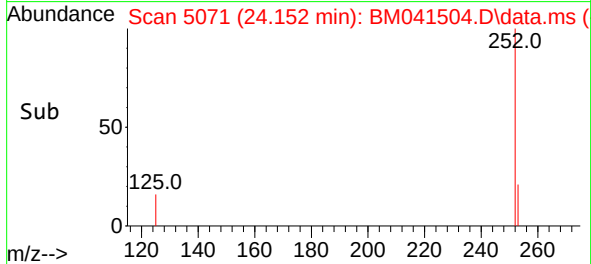
Instrument :
BNA_M
ClientSampleId :
EZY2



Tgt Ion:252 Resp: 91711
Ion Ratio Lower Upper
252 100
253 24.7 19.5 29.3
125 44.7 16.0 24.0

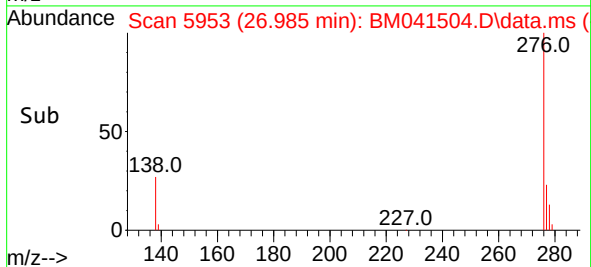
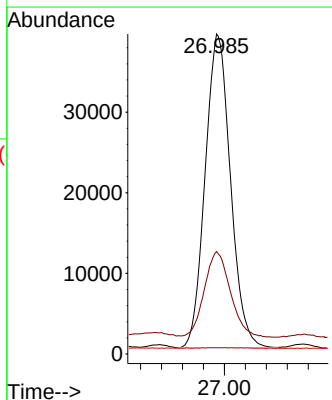
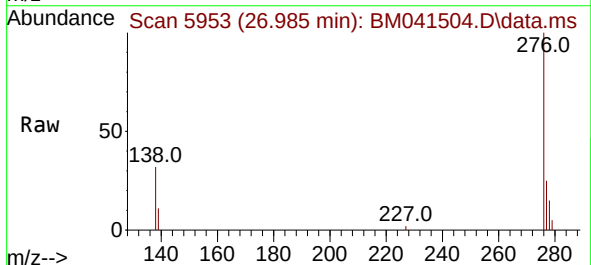
Manual Integrations
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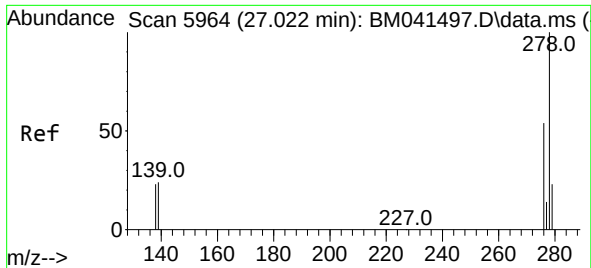
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.202 ng/ul
RT: 26.985 min Scan# 5953
Delta R.T. -0.020 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

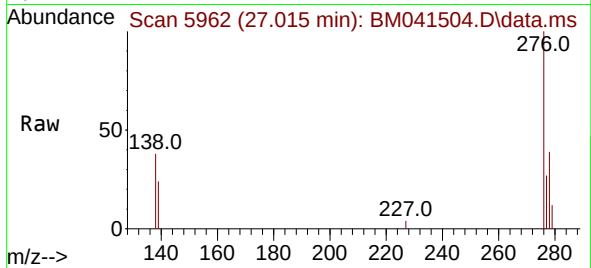
Tgt Ion:276 Resp: 130263
Ion Ratio Lower Upper
276 100
138 28.2 27.8 41.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 27.015 min Scan# 5964
Delta R.T. -0.030 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

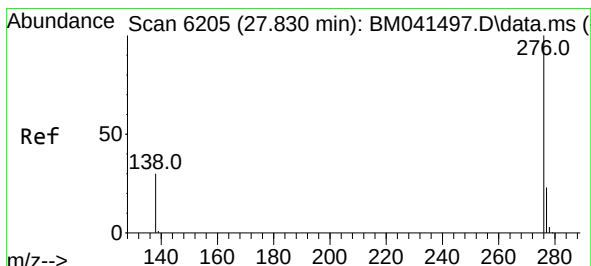
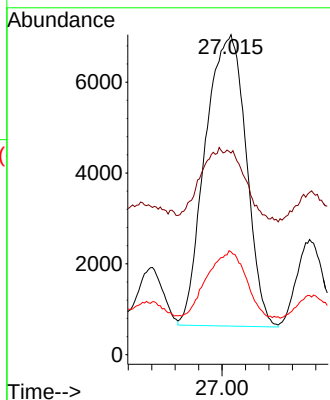
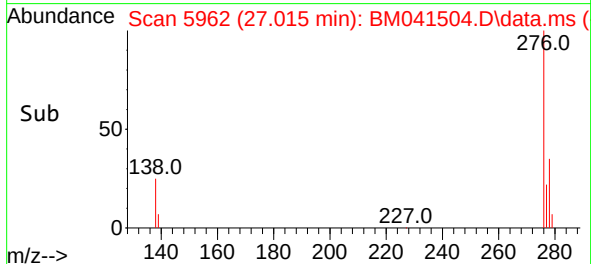
Instrument :
BNA_M
ClientSampleId :
EZY2



Tgt Ion:278 Resp: 3095
Ion Ratio Lower Upper
278 100
139 63.0 21.9 32.9
279 32.1 21.4 32.0

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



#29
Benzo(g,h,i)perylene
Concen: 1.598 ng/ul
RT: 27.837 min Scan# 6207
Delta R.T. -0.016 min
Lab File: BM041504.D
Acq: 25 Aug 2023 21:36

Tgt Ion:276 Resp: 152492
Ion Ratio Lower Upper
276 100
138 31.5 25.9 38.9
277 24.2 19.4 29.2

