

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041509.D
 Acq On : 26 Aug 2023 00:45
 Operator : MA/JU
 Sample : 04037-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW6

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 01:19:01 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	12162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	31417	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	15111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	32052	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.699	240	16436	0.400	ng/ul	# 0.00
23) Perylene-d12	24.275	264	19361	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	62195	4.041	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	9012	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	14658	0.202	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.999	128	18350	0.196	ng/ul	98
7) 2-Methylnaphthalene	12.599	142	17250	0.307	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	7206	0.126	ng/ul	99
10) Acenaphthylene	14.486	152	8195	0.090	ng/ul#	90
11) Acenaphthene	14.819	153	4516	0.072	ng/ul	98
12) Fluorene	15.804	166	2747	0.039	ng/ul#	81
15) Phenanthrene	17.552	178	90971	0.773	ng/ul	98
16) Anthracene	17.645	178	17950	0.168	ng/ul#	88
19) Fluoranthene	19.562	202	190871	1.265	ng/ul	99
20) Pyrene	19.929	202	288933	1.899	ng/ul	99
21) Benzo(a)anthracene	21.682	228	110550	1.034	ng/ul#	93
22) Chrysene	21.737	228	318751m	2.758	ng/ul	
24) Benzo(b)fluoranthene	23.474	252	343102	2.588	ng/ul#	84
25) Benzo(k)fluoranthene	23.526	252	106242m	0.801	ng/ul	
26) Benzo(a)pyrene	24.155	252	142562	1.309	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.995	276	198735	1.460	ng/ul#	89
28) Dibenzo(a,h)anthracene	27.018	278	48149	0.462	ng/ul#	42
29) Benzo(g,h,i)perylene	27.843	276	228585	1.907	ng/ul	100

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

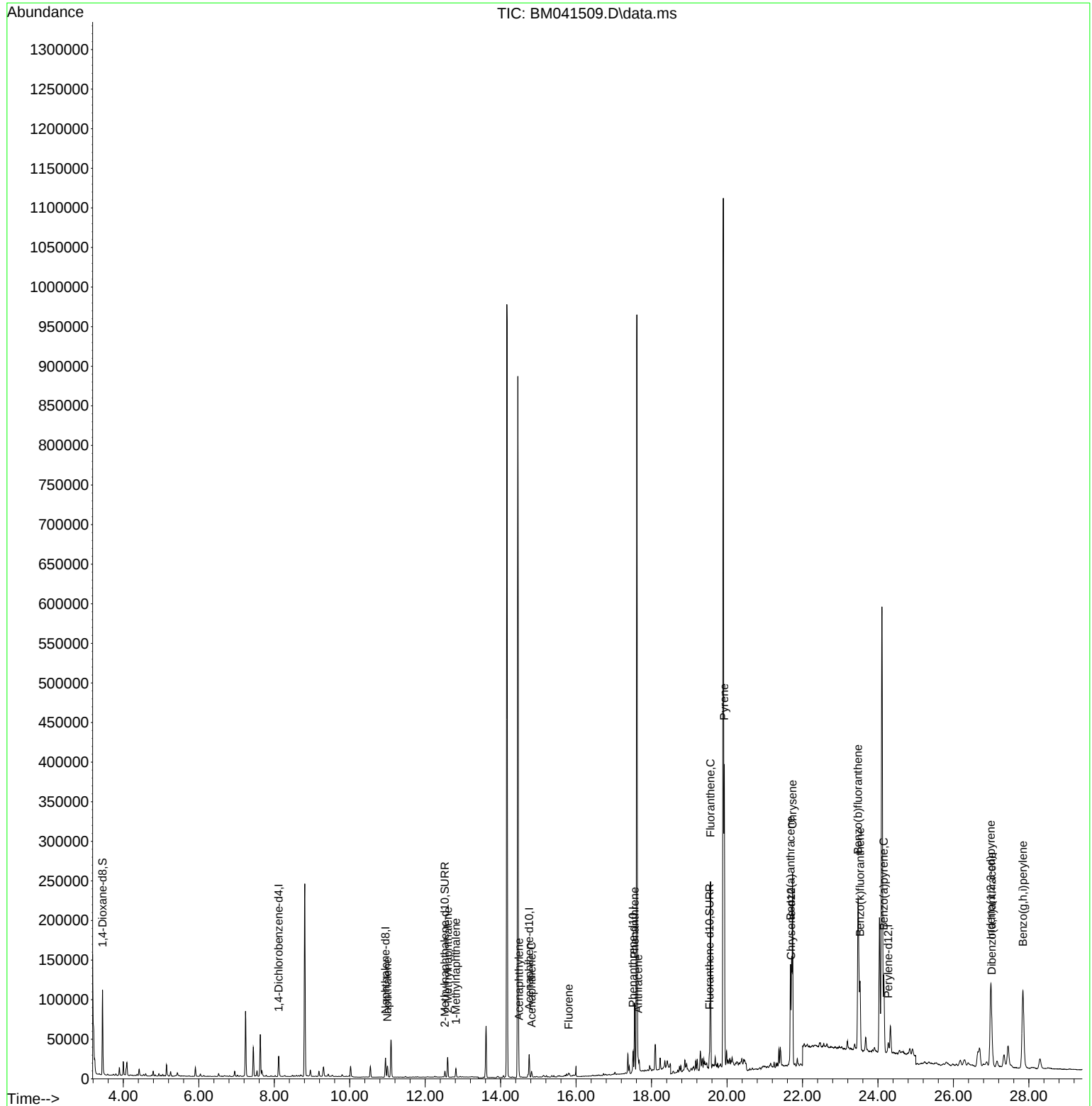
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041509.D
Acq On : 26 Aug 2023 00:45
Operator : MA/JU
Sample : 04037-08
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ALS Vial : 47 Sample Multiplier: 1

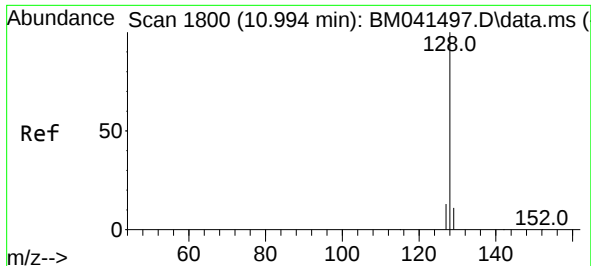
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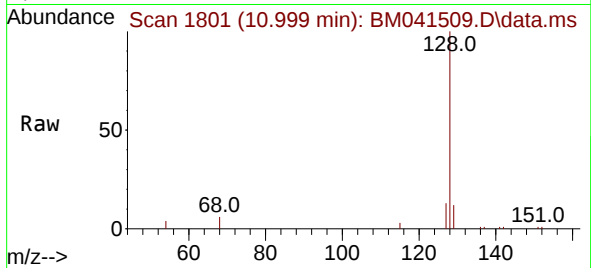
Quant Time: Aug 26 01:19:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

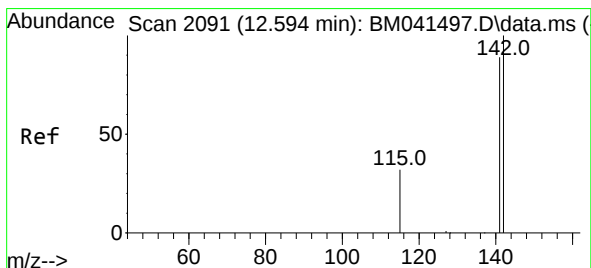
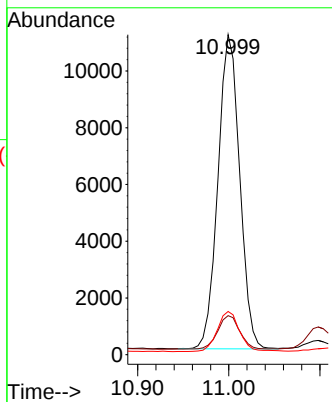
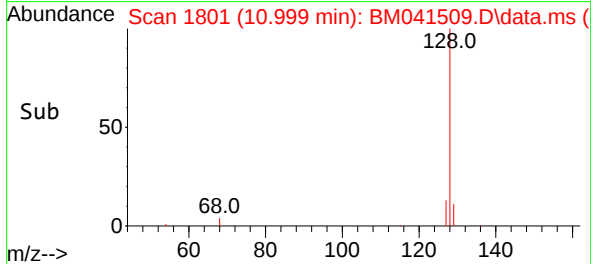
Instrument :
BNA_M
ClientSampleId :
EZYW6



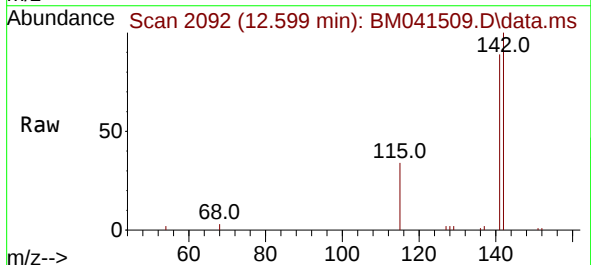
Tgt Ion:128 Resp: 18350
Ion Ratio Lower Upper
128 100
129 12.2 8.9 13.3
127 13.5 10.6 15.8

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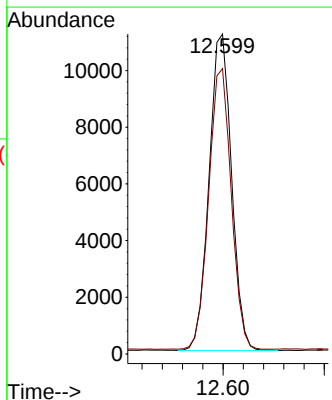
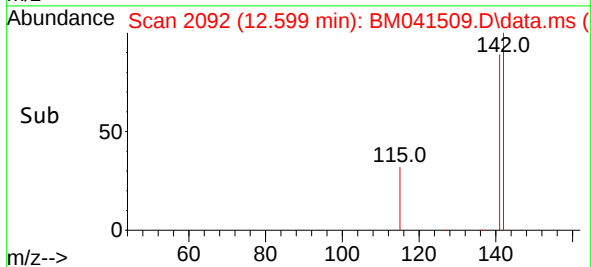
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

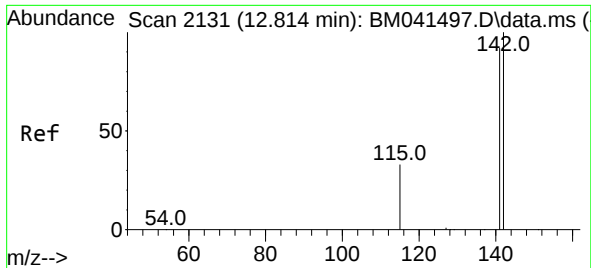


#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45



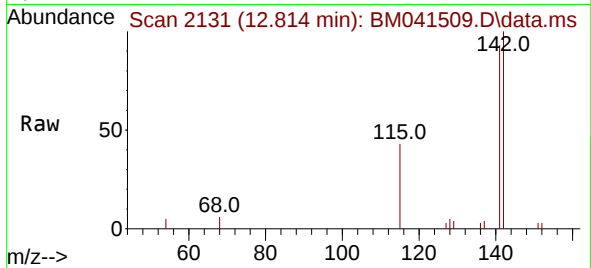
Tgt Ion:142 Resp: 17250
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

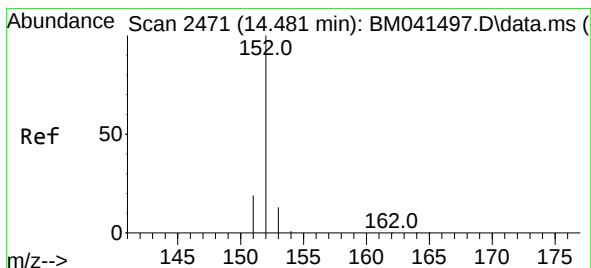
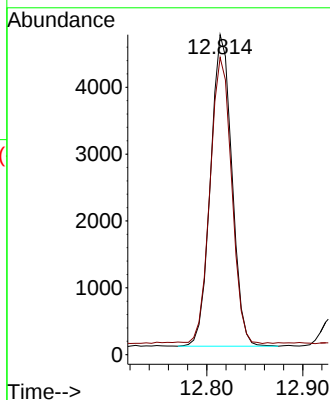
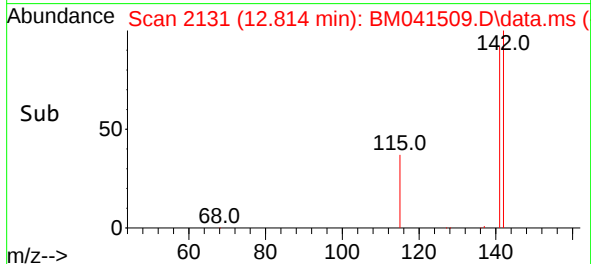
Instrument :
BNA_M
ClientSampleId :
EZYW6



Tgt Ion:142 Resp: 7200
Ion Ratio Lower Upper
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141 92.9 73.4 110.2

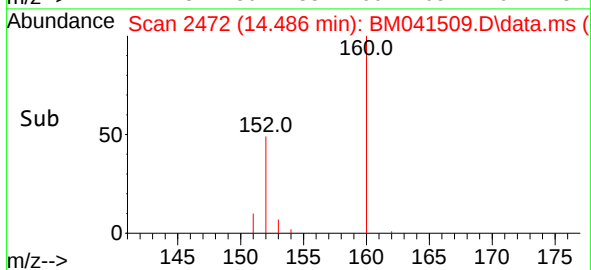
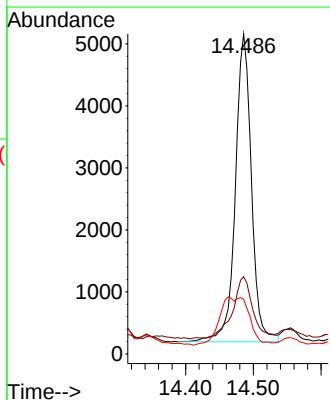
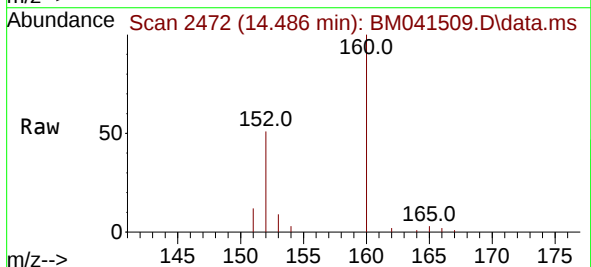
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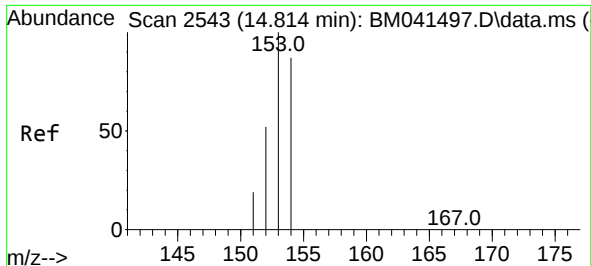
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

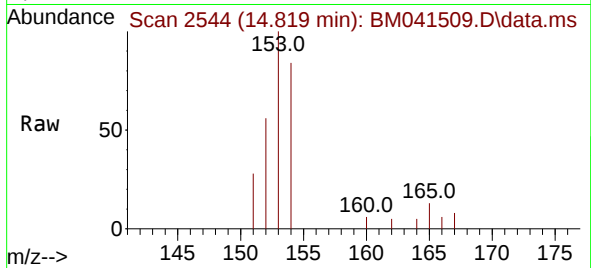
Tgt Ion:152 Resp: 8195
Ion Ratio Lower Upper
152 100
151 24.1 15.8 23.6#
153 17.1 10.6 15.8#





#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

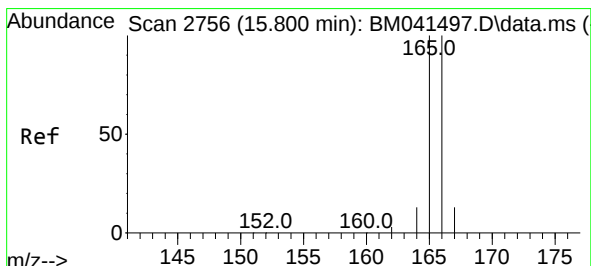
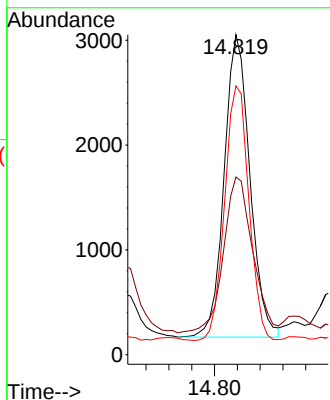
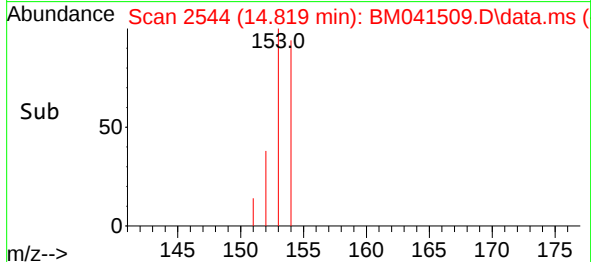
Instrument :
BNA_M
ClientSampleId :
EZYW6



Tgt Ion:153 Resp: 4510
Ion Ratio Lower Upper
153 100
152 55.5 42.9 64.3
154 84.0 68.9 103.3

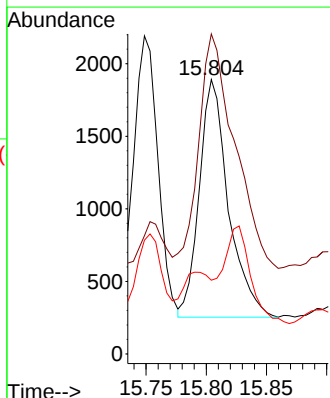
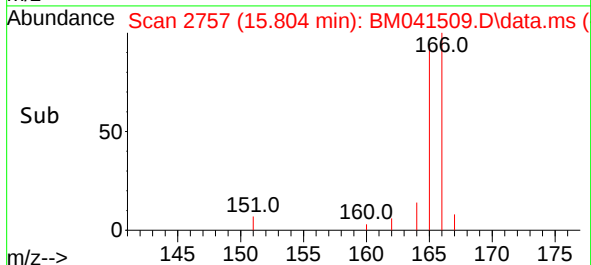
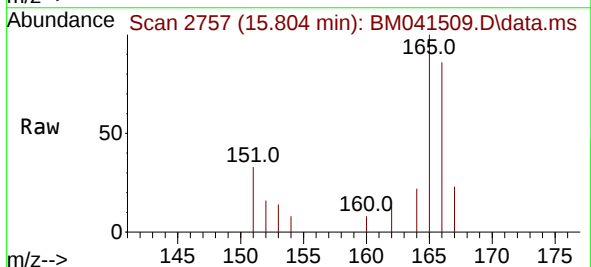
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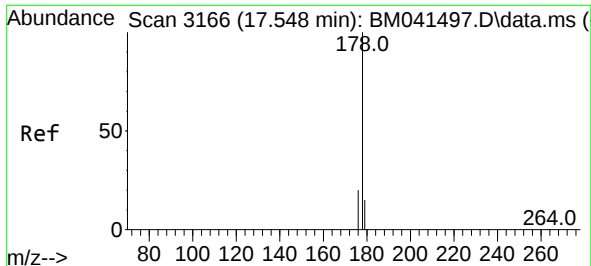
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.804 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

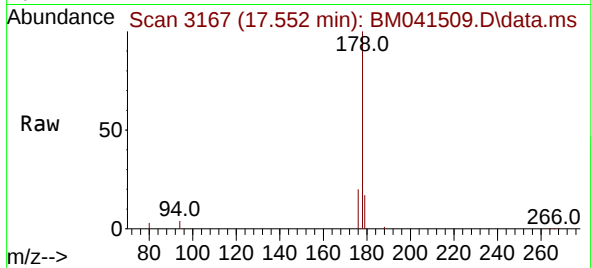
Tgt Ion:166 Resp: 2747
Ion Ratio Lower Upper
166 100
165 116.6 79.4 119.2
167 26.9 11.0 16.6#





#15
Phenanthrene
Concen: 0.773 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

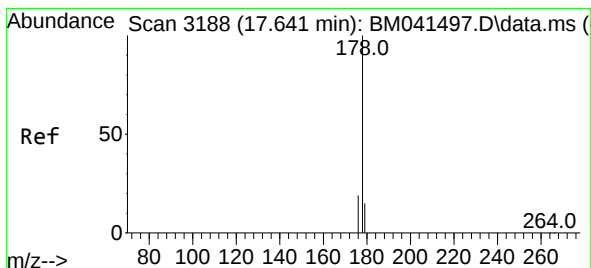
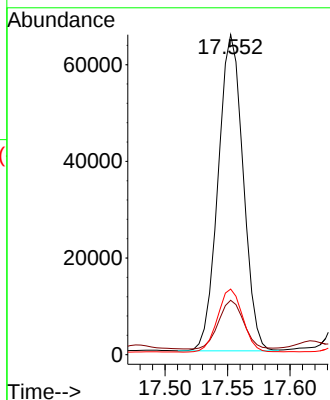
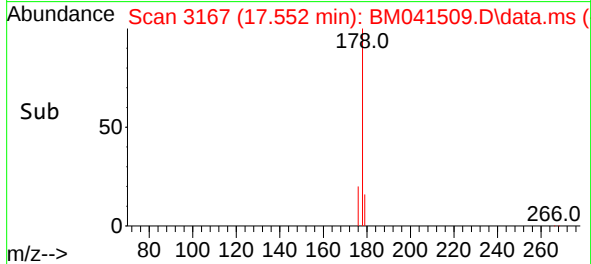
Instrument :
BNA_M
ClientSampleId :
EZYW6



Tgt Ion:178 Resp: 9097
Ion Ratio Lower Upper
178 100
179 17.0 12.5 18.7
176 20.5 15.8 23.8

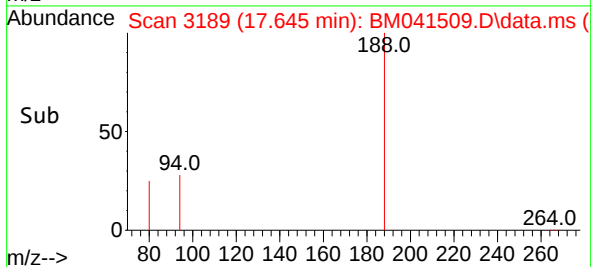
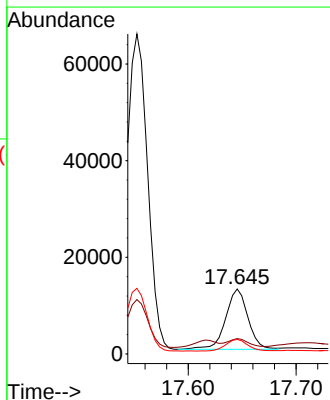
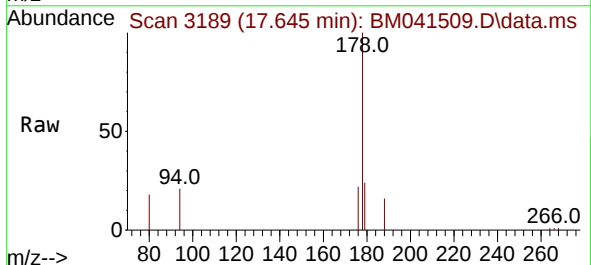
Manual Integrations
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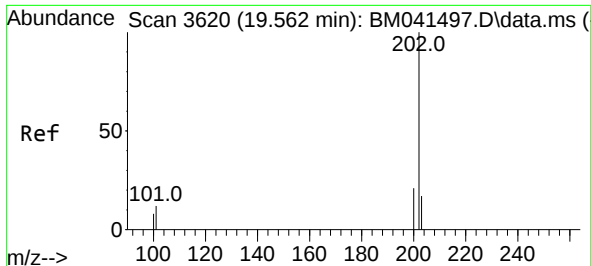
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#16
Anthracene
Concen: 0.168 ng/ul
RT: 17.645 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

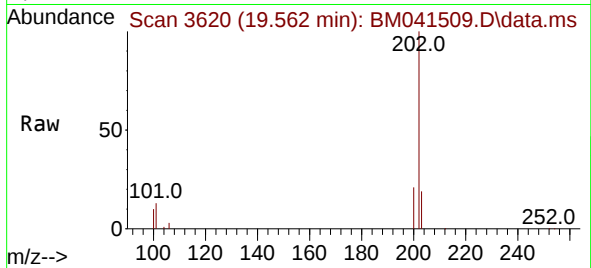
Tgt Ion:178 Resp: 17950
Ion Ratio Lower Upper
178 100
179 23.6 12.6 18.8#
176 22.3 15.5 23.3





#19
Fluoranthene
Concen: 1.265 ng/ul
RT: 19.562 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

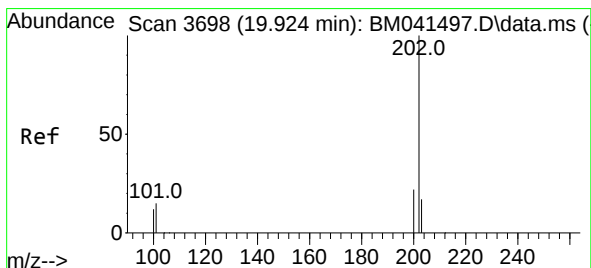
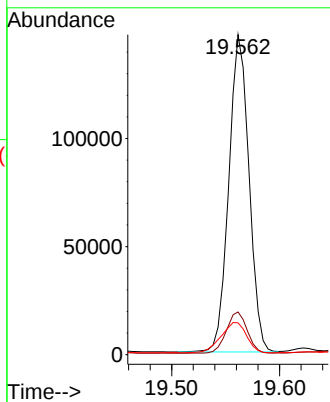
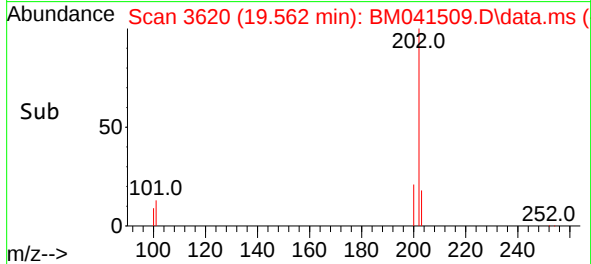
Instrument :
BNA_M
ClientSampleId :
EZYW6



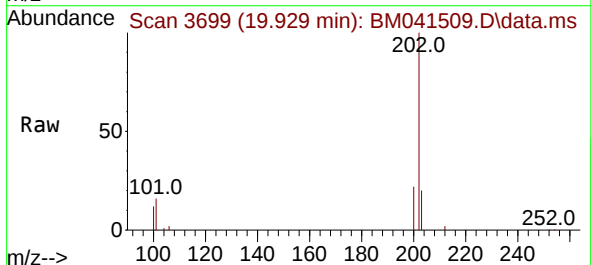
Tgt Ion:202 Resp: 19087
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.6
100 9.9 7.9 11.9

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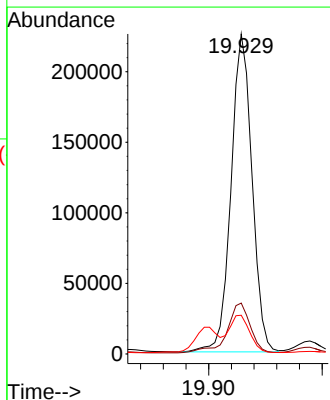
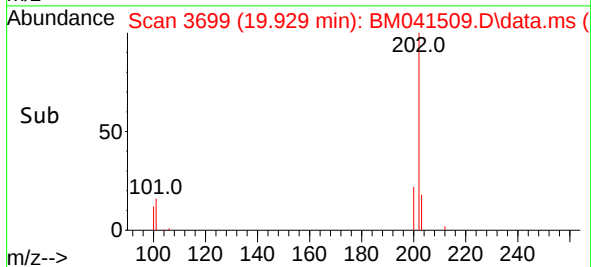
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

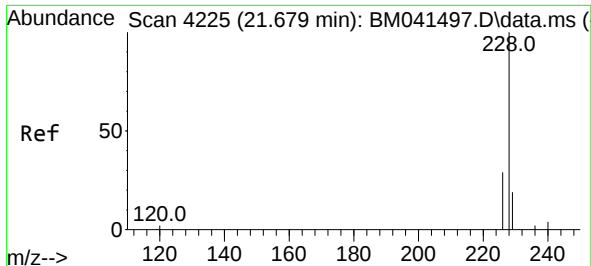


#20
Pyrene
Concen: 1.899 ng/ul
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45



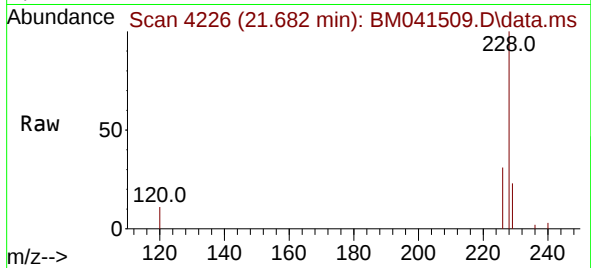
Tgt Ion:202 Resp: 288933
Ion Ratio Lower Upper
202 100
101 15.9 12.2 18.2
100 12.1 9.8 14.8





#21
Benzo(a)anthracene
Concen: 1.034 ng/ul
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

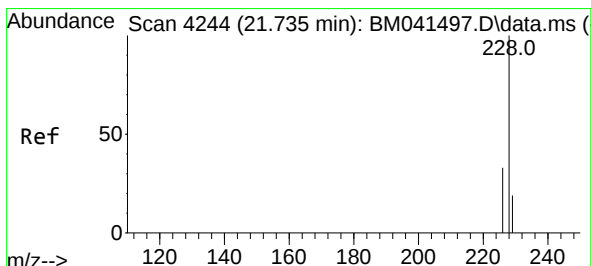
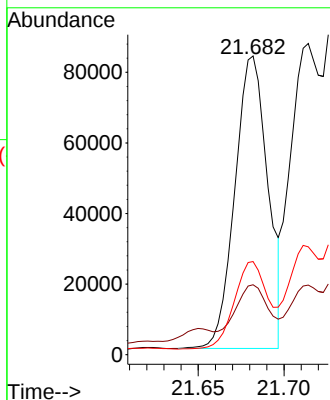
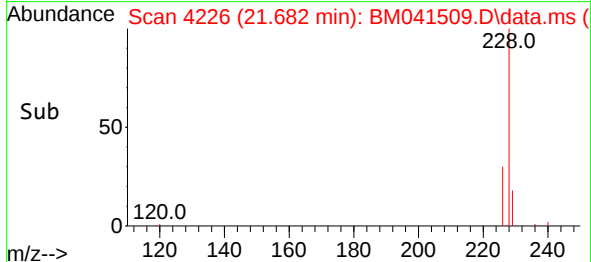
Instrument :
BNA_M
ClientSampleId :
EZYW6



Tgt Ion:228 Resp: 110550
Ion Ratio Lower Upper
228 100
229 23.4 15.3 22.9
226 31.2 22.7 34.1

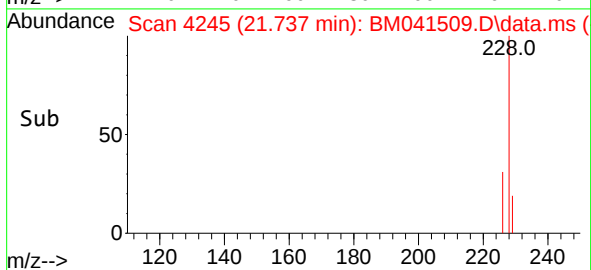
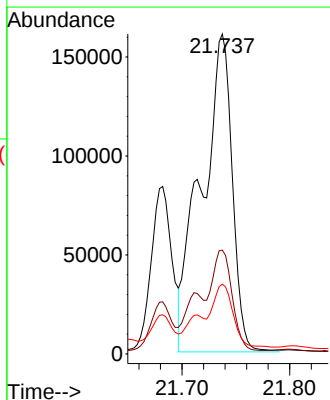
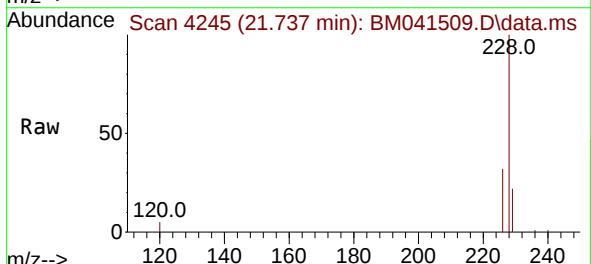
Manual Integrations
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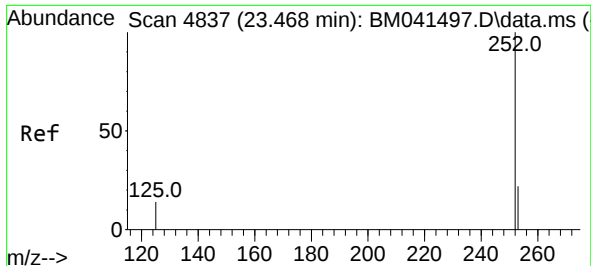
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#22
Chrysene
Concen: 2.758 ng/ul m
RT: 21.737 min Scan# 4245
Delta R.T. -0.006 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

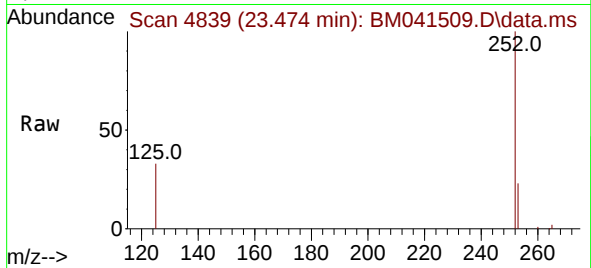
Tgt Ion:228 Resp: 318751
Ion Ratio Lower Upper
228 100
226 32.4 25.6 38.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.588 ng/ul
RT: 23.474 min Scan# 4839
Delta R.T. -0.009 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

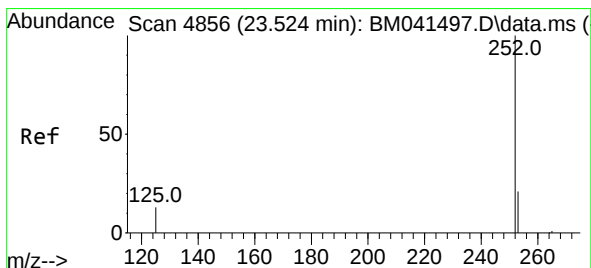
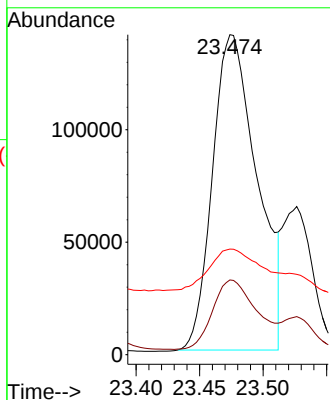
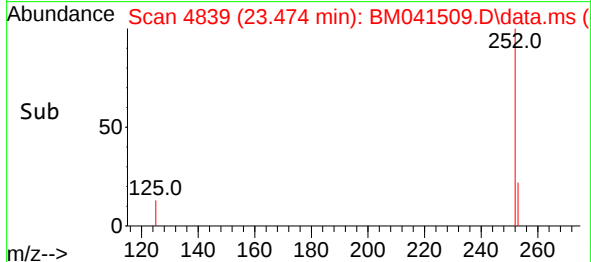
Instrument :
BNA_M
ClientSampleId :
EZYW6



Tgt Ion:252 Resp: 34310
Ion Ratio Lower Upper
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253 23.4 0.0 46.8
125 33.0 0.0 32.8

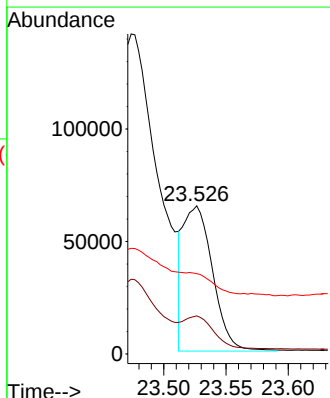
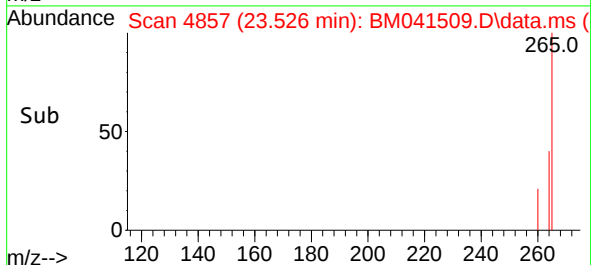
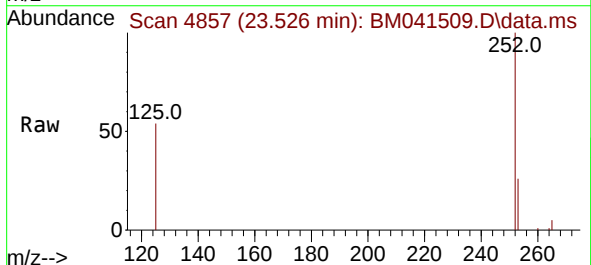
Manual Integrations
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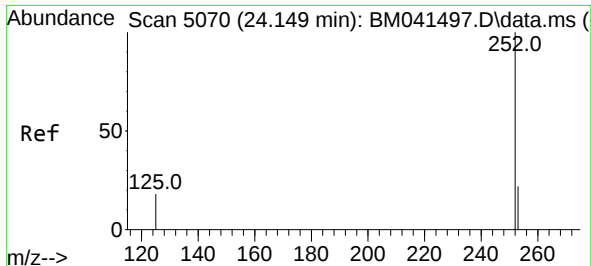
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.801 ng/ul m
RT: 23.526 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

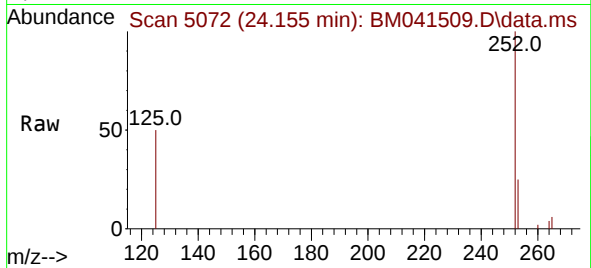
Tgt Ion:252 Resp: 106242
Ion Ratio Lower Upper
252 100
253 25.7 19.1 28.7
125 54.3 13.4 20.0





#26
Benzo(a)pyrene
Concen: 1.309 ng/ul
RT: 24.155 min Scan# 5072
Delta R.T. -0.009 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

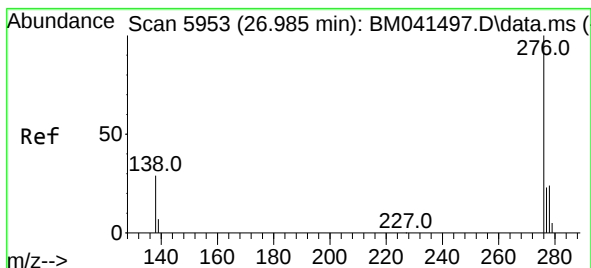
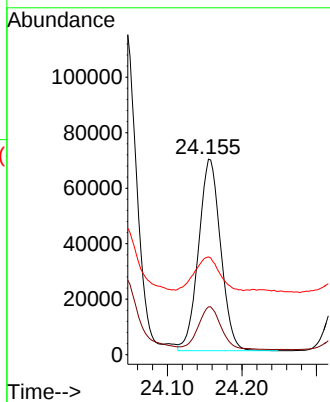
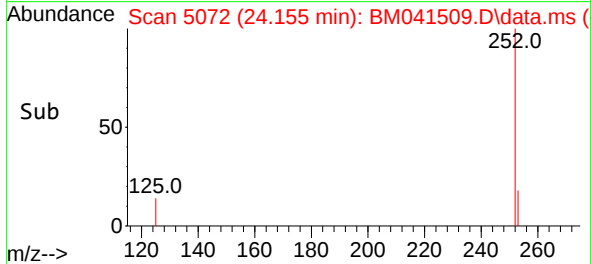
Instrument :
BNA_M
ClientSampleId :
EZYW6



Tgt Ion:252 Resp: 142562
Ion Ratio Lower Upper
252 100
253 24.5 19.5 29.3
125 50.0 16.0 24.0

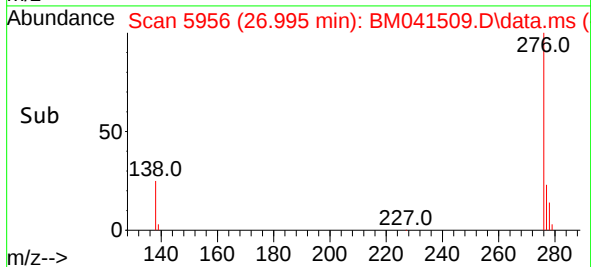
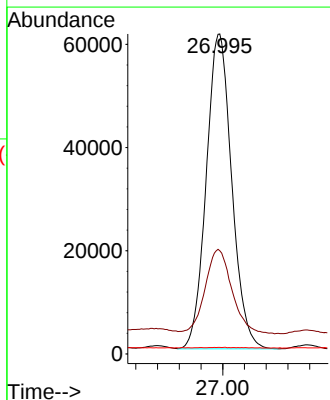
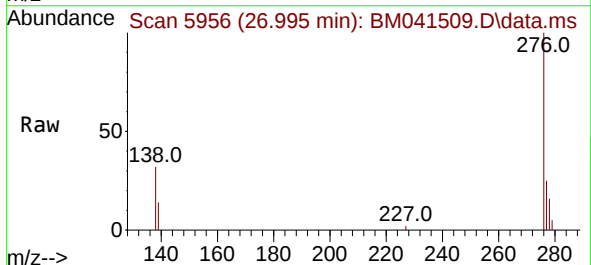
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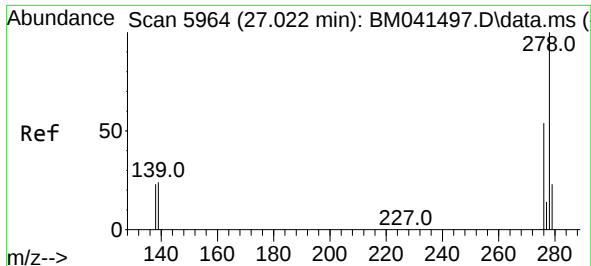
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.460 ng/ul
RT: 26.995 min Scan# 5956
Delta R.T. -0.010 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

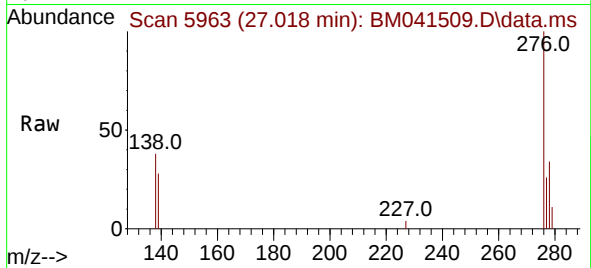
Tgt Ion:276 Resp: 198735
Ion Ratio Lower Upper
276 100
138 28.4 27.8 41.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 27.018 min Scan# 5964
Delta R.T. -0.027 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45

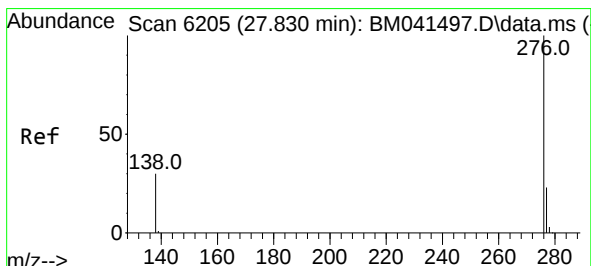
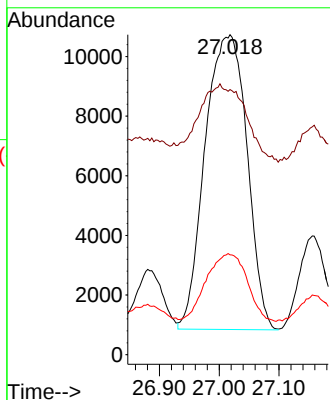
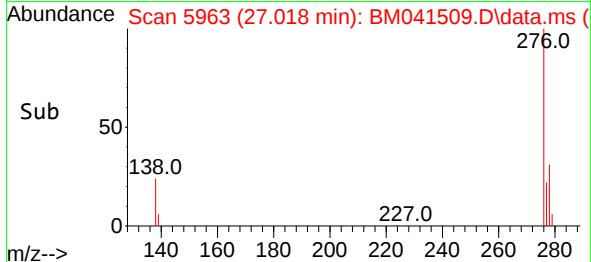
Instrument :
BNA_M
ClientSampleId :
EZYW6



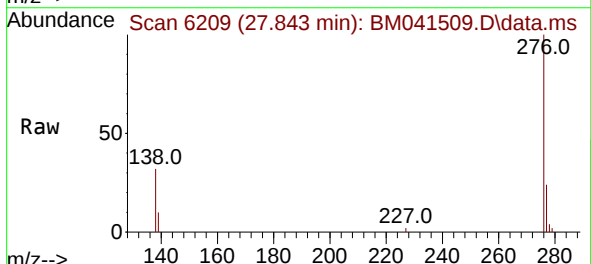
Tgt Ion:278 Resp: 48149
Ion Ratio Lower Upper
278 100
139 82.9 21.9 32.9
279 31.2 21.4 32.0

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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: 1.907 ng/ul
RT: 27.843 min Scan# 6209
Delta R.T. -0.010 min
Lab File: BM041509.D
Acq: 26 Aug 2023 00:45



Tgt Ion:276 Resp: 228585
Ion Ratio Lower Upper
276 100
138 32.4 25.9 38.9
277 24.3 19.4 29.2

