

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042196.D
 Acq On : 04 Oct 2023 21:14
 Operator : MA/JU
 Sample : 04588-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHT7

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Oct 05 01:55:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

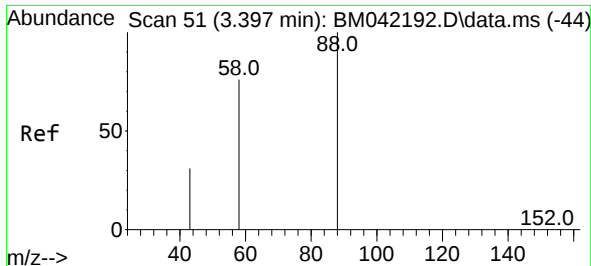
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							10/05/2023
1) 1,4-Dichlorobenzene-d4	7.950	152	4023	0.400	ng/ul	# 0.01	Supervised By :mohammad ahmed
4) Naphthalene-d8	10.746	136	7491	0.400	ng/ul	# 0.00	
9) Acenaphthene-d10	14.578	164	5454	0.400	ng/ul	# 0.00	
13) Phenanthrene-d10	17.329	188	8053	0.400	ng/ul	#-0.01	
17) Chrysene-d12	21.504	240	4999	0.400	ng/ul	-0.01	
23) Perylene-d12	23.901	264	5223	0.400	ng/ul	-0.02	10/06/2023
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.360	96	14387	2.685	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.324	152	1929	0.188	ng/ul	-0.01	
18) Fluoranthene-d10	19.352	212	1541	0.082	ng/ul	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	825	0.147	ng/ul#	69	
5) Naphthalene	10.796	128	181963	7.281	ng/ul#	88	
7) 2-Methylnaphthalene	12.401	142	426088	28.475	ng/ul	98	
8) 1-Methylnaphthalene	12.621	142	413020	27.402	ng/ul	100	
10) Acenaphthylene	14.291	152	8649	0.251	ng/ul#	1	
11) Acenaphthene	14.643	153	23520	0.902	ng/ul#	77	
12) Fluorene	15.628	166	42753	1.455	ng/ul#	91	
15) Phenanthrene	17.371	178	69750	2.101	ng/ul#	95	
16) Anthracene	17.464	178	4514	0.149	ng/ul#	64	
19) Fluoranthene	19.380	202	5824	0.153	ng/ul#	83	
20) Pyrene	19.747	202	12487m	0.309	ng/ul		
21) Benzo(a)anthracene	21.486	228	4124	0.128	ng/ul#	82	
22) Chrysene	21.539	228	5060m	0.161	ng/ul		
24) Benzo(b)fluoranthene	23.164	252	3446	0.112	ng/ul#	39	
25) Benzo(k)fluoranthene	23.208	252	1471m	0.049	ng/ul		
26) Benzo(a)pyrene	23.792	252	2506	0.094	ng/ul#	39	
27) Indeno(1,2,3-cd)pyrene	26.391	276	1844	0.049	ng/ul#	95	
28) Dibenzo(a,h)anthracene	26.394	278	1252	0.044	ng/ul#	4	
29) Benzo(g,h,i)perylene	27.156	276	2913	0.093	ng/ul#	79	

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

Manual Integrations

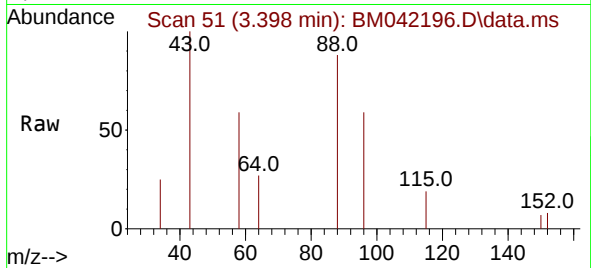
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.147 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

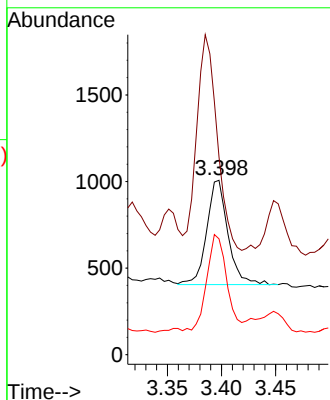
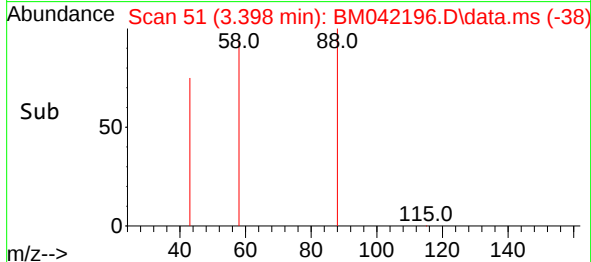
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion: 88 Resp: 825
Ion Ratio Lower Upper
88 100
43 113.4 52.1 78.1#
58 66.4 53.8 80.6#

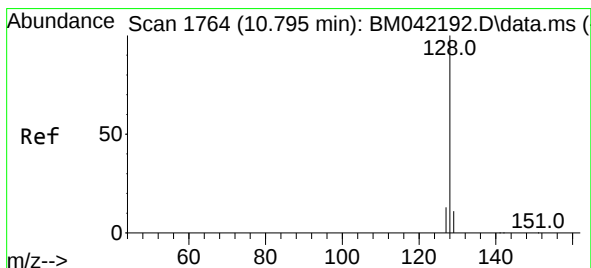
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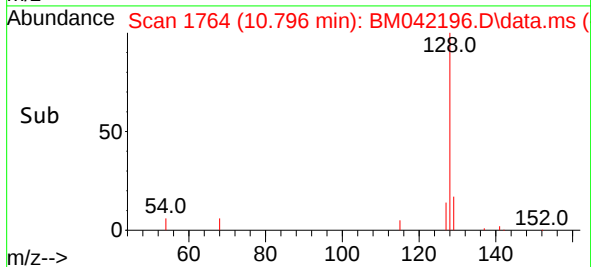
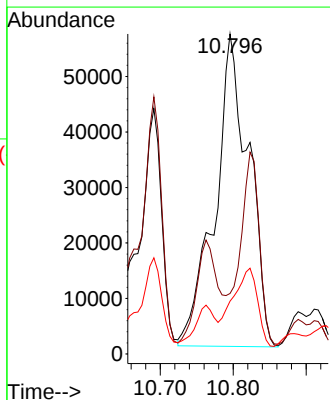
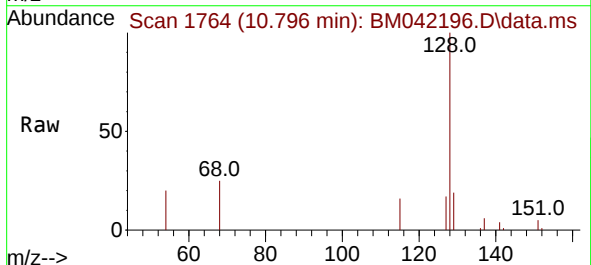
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ahmed

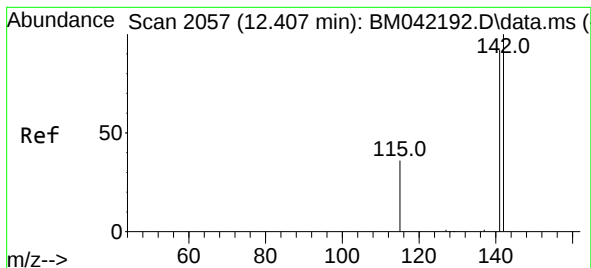
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#5
Naphthalene
Concen: 7.281 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:128 Resp: 181963
Ion Ratio Lower Upper
128 100
129 18.9 9.4 14.2#
127 16.5 11.0 16.4#





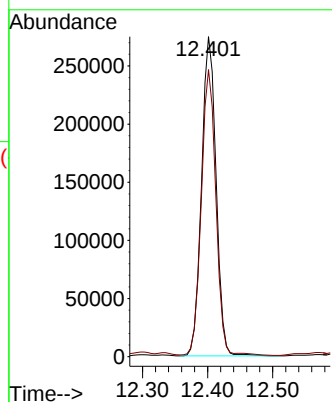
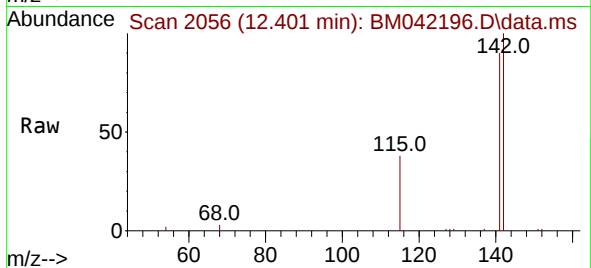
#7
2-Methylnaphthalene
Concen: 28.475 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:142 Resp: 42608
Ion Ratio Lower Upper
142 100
141 89.9 70.2 105.4

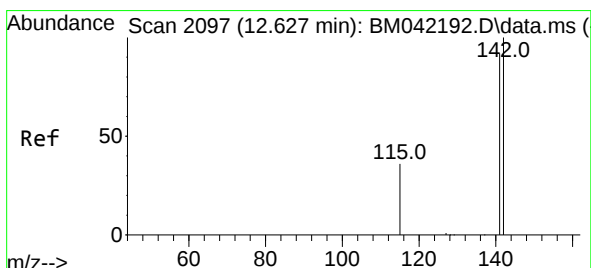
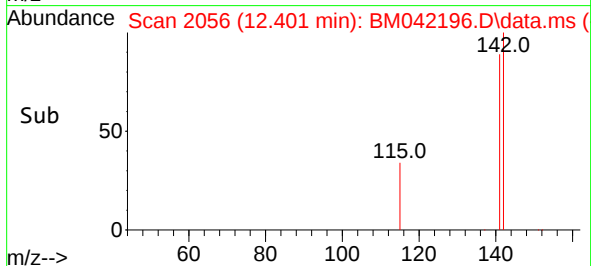
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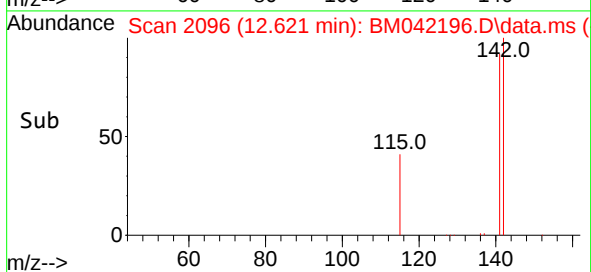
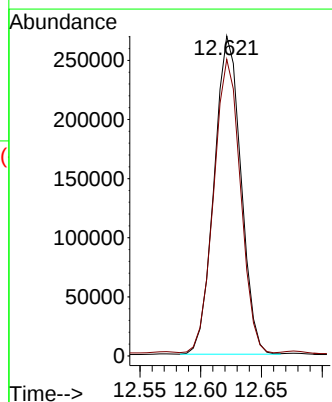
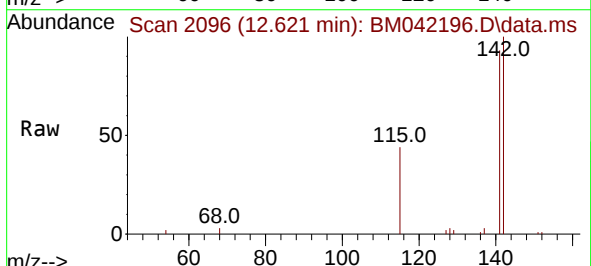
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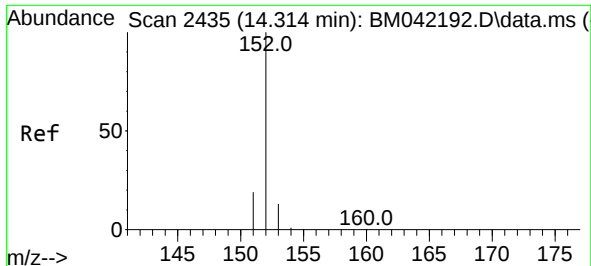
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#8
1-Methylnaphthalene
Concen: 27.402 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

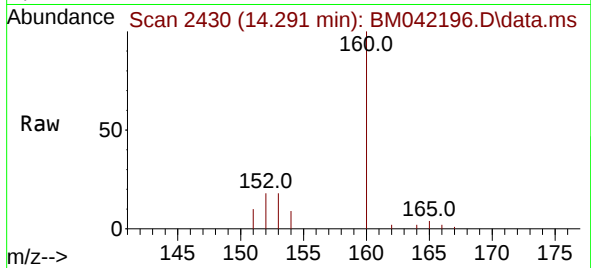
Tgt Ion:142 Resp: 413020
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3





#10
Acenaphthylene
Concen: 0.251 ng/u1
RT: 14.291 min Scan# 2435
Delta R.T. -0.023 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

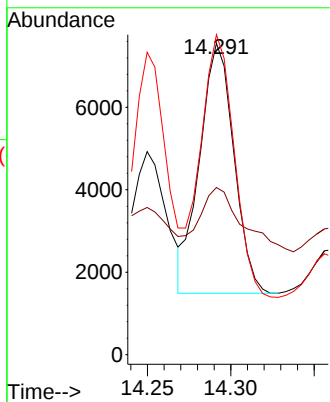
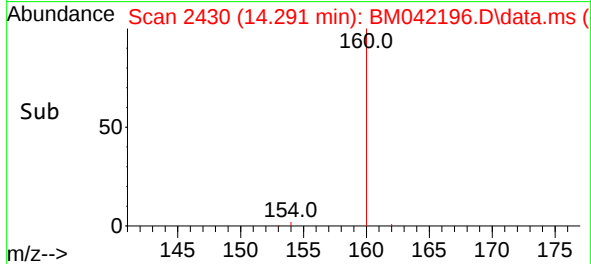
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion:152 Resp: 8649
Ion Ratio Lower Upper
152 100
151 53.7 16.4 24.6
153 102.8 10.9 16.3

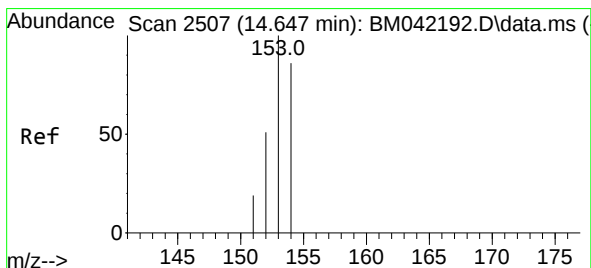
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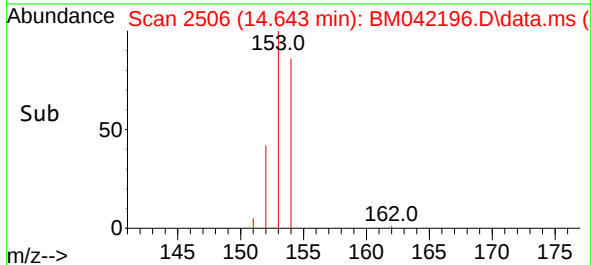
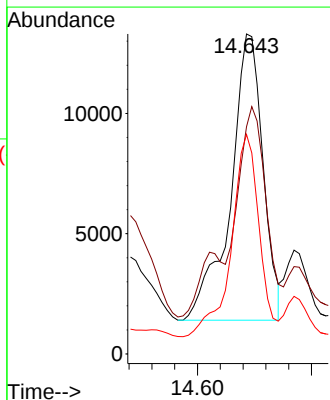
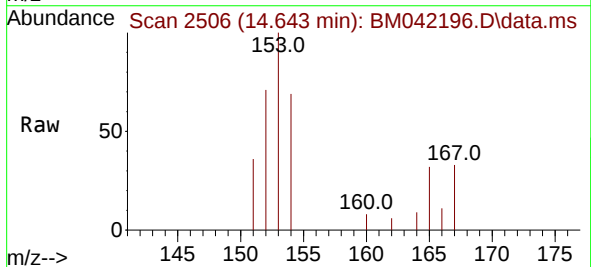
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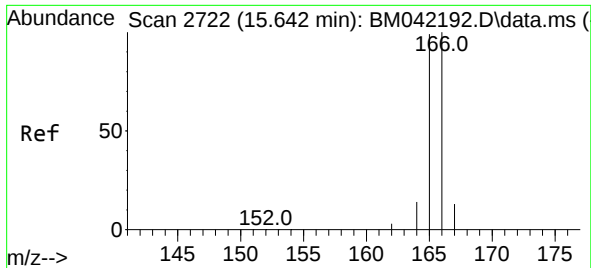
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#11
Acenaphthene
Concen: 0.902 ng/u1
RT: 14.643 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

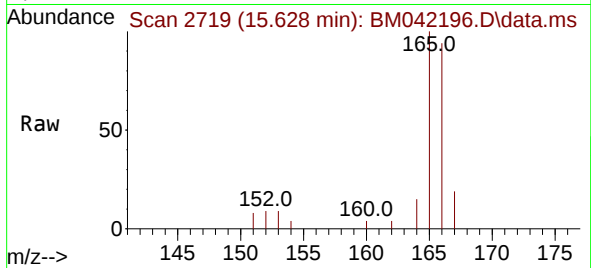
Tgt Ion:153 Resp: 23520
Ion Ratio Lower Upper
153 100
152 71.0 41.1 61.7#
154 68.6 69.5 104.3#





#12
Fluorene
Concen: 1.455 ng/ul
RT: 15.628 min Scan# 2719
Delta R.T. -0.009 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

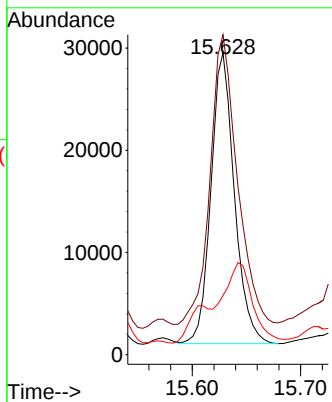
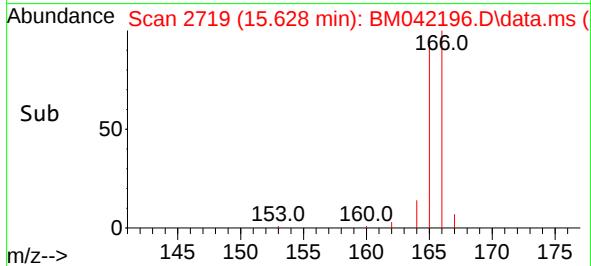
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion:166 Resp: 4275
Ion Ratio Lower Upper
166 100
165 106.0 78.4 117.6
167 19.6 11.5 17.3

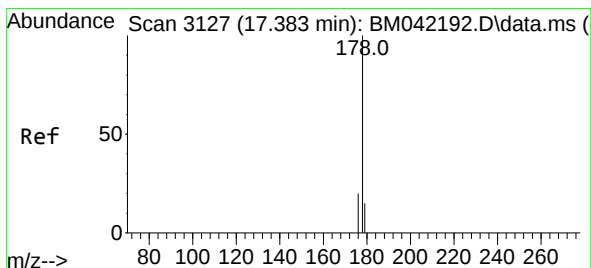
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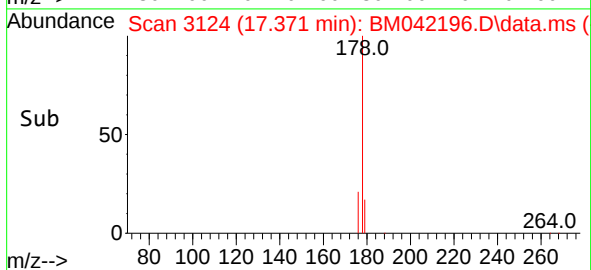
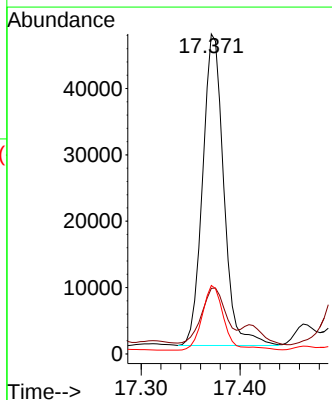
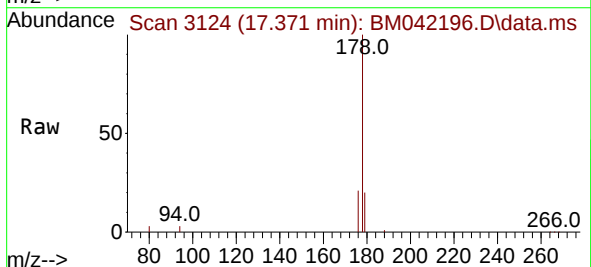
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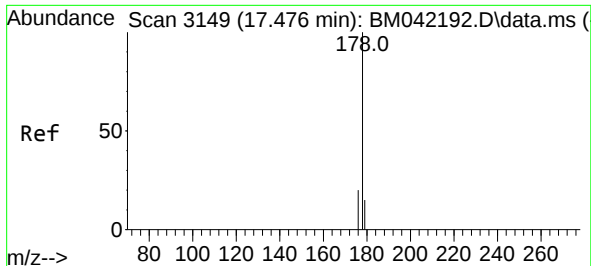
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#15
Phenanthrene
Concen: 2.101 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

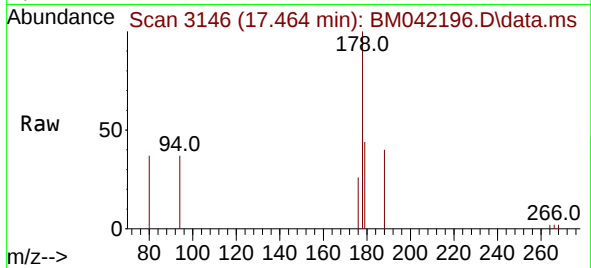
Tgt Ion:178 Resp: 69750
Ion Ratio Lower Upper
178 100
179 20.5 13.0 19.4#
176 21.4 16.8 25.2





#16
 Anthracene
 Concen: 0.149 ng/ul
 RT: 17.464 min Scan# 3146
 Delta R.T. -0.013 min
 Lab File: BM042196.D
 Acq: 04 Oct 2023 21:14

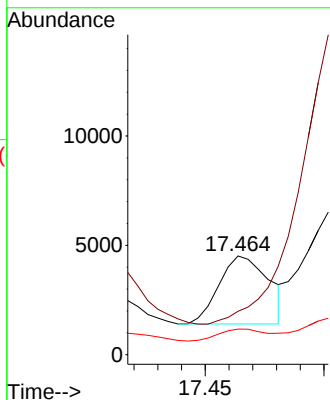
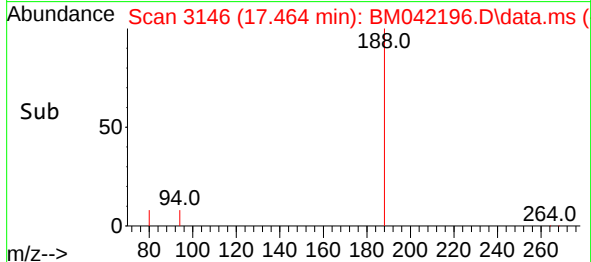
Instrument :
 BNA_M
 ClientSampleId :
 BBHT7



Tgt Ion:178 Resp: 4514
 Ion Ratio Lower Upper
 178 100
 179 43.9 12.9 19.3#
 176 26.0 16.3 24.5#

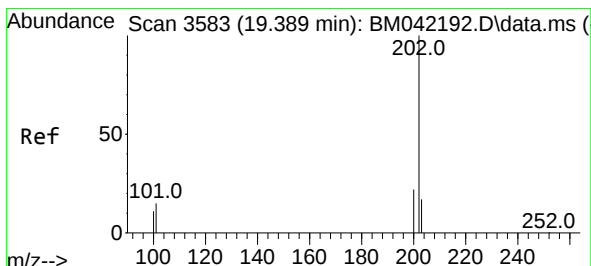
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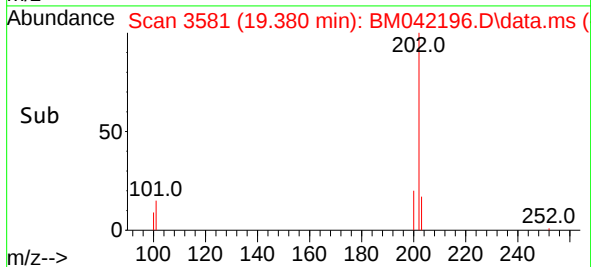
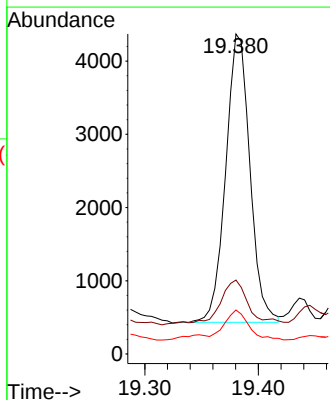
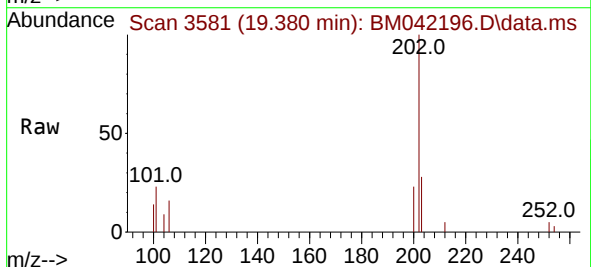
10/05/2023
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 ahmed

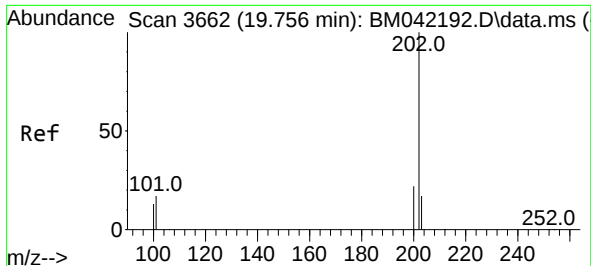
10/06/2023



#19
 Fluoranthene
 Concen: 0.153 ng/ul
 RT: 19.380 min Scan# 3581
 Delta R.T. -0.014 min
 Lab File: BM042196.D
 Acq: 04 Oct 2023 21:14

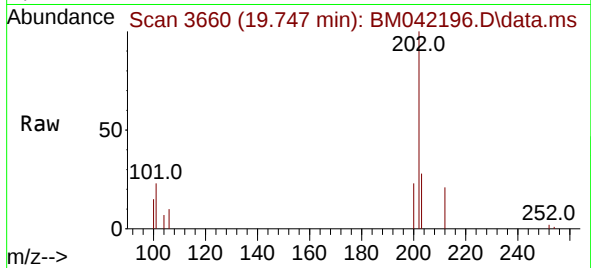
Tgt Ion:202 Resp: 5824
 Ion Ratio Lower Upper
 202 100
 101 23.1 11.1 16.7#
 100 13.7 8.2 12.2#





#20
Pyrene
Concen: 0.309 ng/ul m
RT: 19.747 min Scan# 3660
Delta R.T. -0.014 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

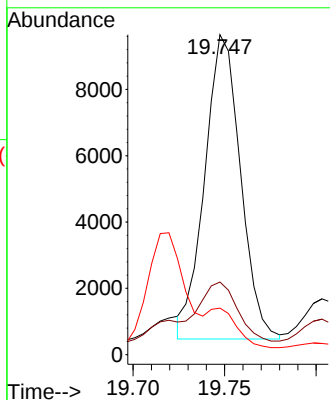
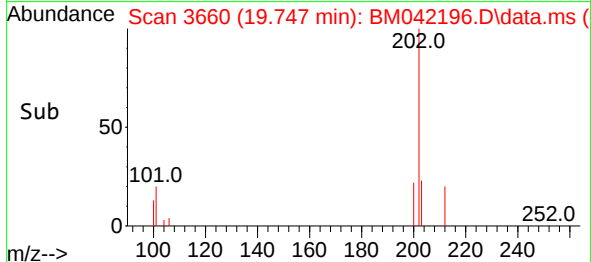
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion:202 Resp: 1248
Ion Ratio Lower Upper
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101 22.7 12.7 19.1
100 14.6 9.9 14.9

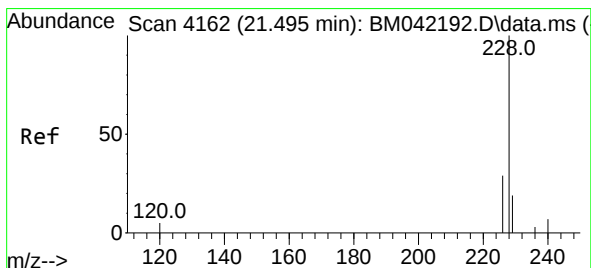
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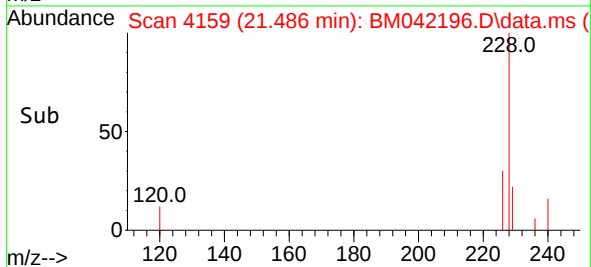
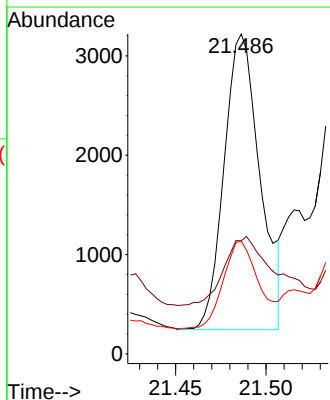
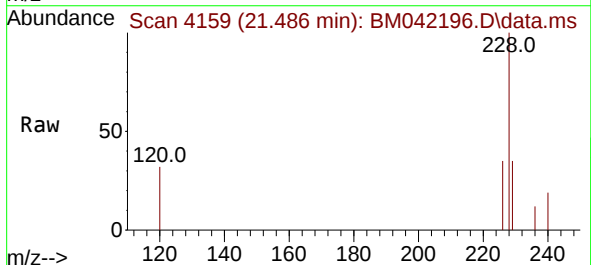
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Supervised By :mohammad
ahmed

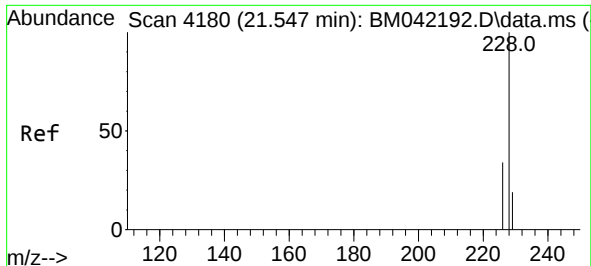
10/06/2023



#21
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

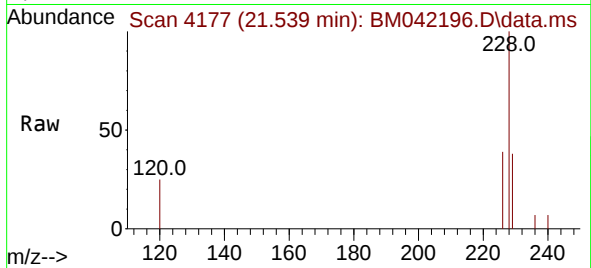
Tgt Ion:228 Resp: 4124
Ion Ratio Lower Upper
228 100
229 35.3 15.8 23.8
226 35.2 24.6 37.0





#22
Chrysene
Concen: 0.161 ng/ul m
RT: 21.539 min Scan# 4180
Delta R.T. -0.015 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

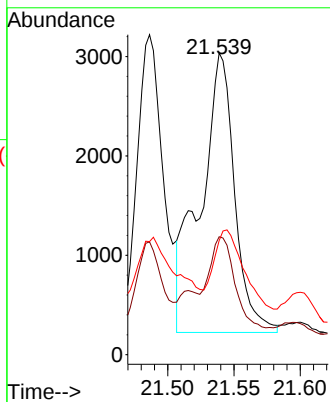
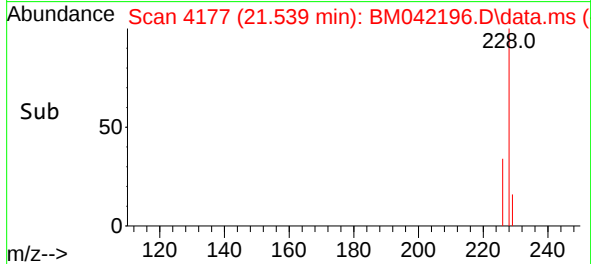
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion:228 Resp: 5060
Ion Ratio Lower Upper
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229 37.8 15.8 23.8

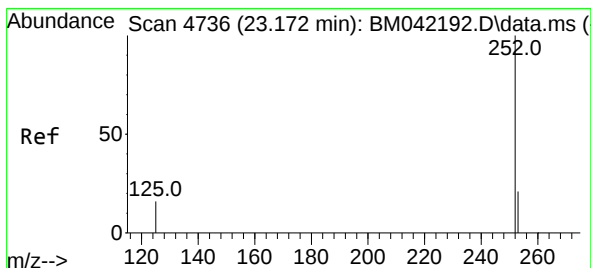
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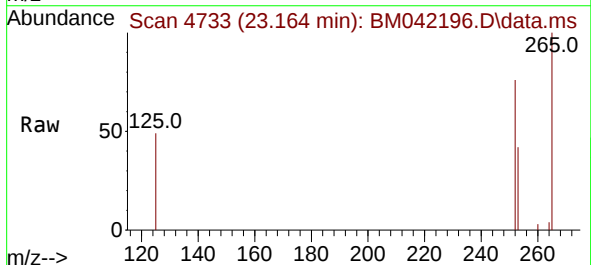


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ahmed

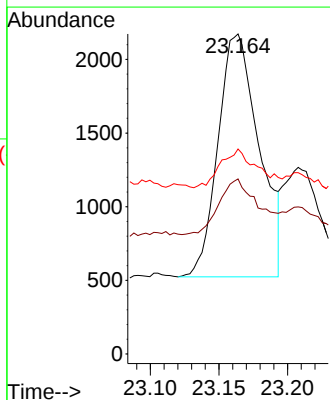
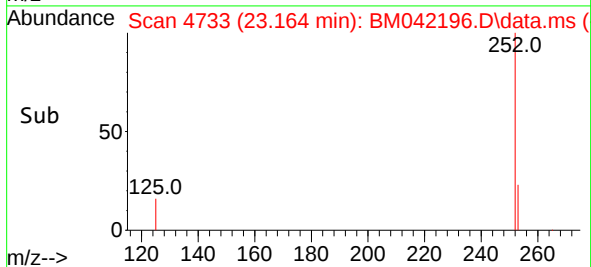
10/06/2023

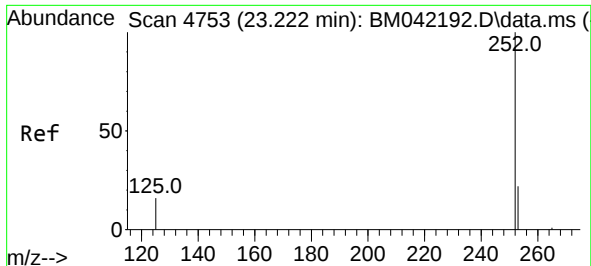


#24
Benzo(b)fluoranthene
Concen: 0.112 ng/ul
RT: 23.164 min Scan# 4733
Delta R.T. -0.015 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14



Tgt Ion:252 Resp: 3446
Ion Ratio Lower Upper
252 100
253 54.7 0.0 59.0
125 64.1 0.0 49.6





#25

Benzo(k)fluoranthene

Concen: 0.049 ng/ul m

RT: 23.208 min Scan# 4753

Delta R.T. -0.020 min

Lab File: BM042196.D

Acq: 04 Oct 2023 21:14

Instrument :

BNM

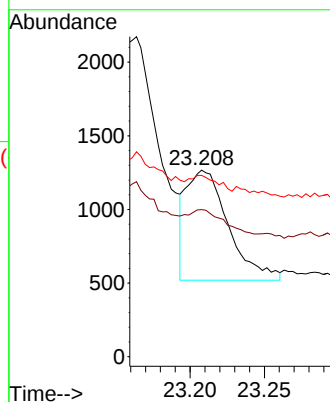
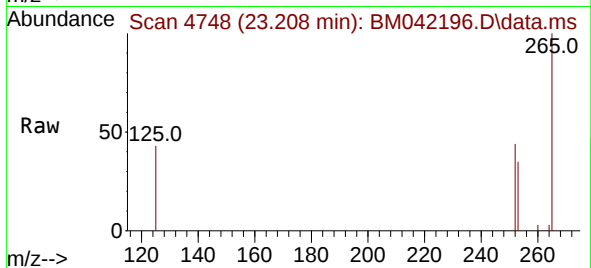
ClientSampleId :

BBHT7

Tgt Ion:252	Resp:	147
Ion Ratio	Lower	Upper
252	100	
253	78.8	23.4 35.0
125	97.2	19.9 29.9

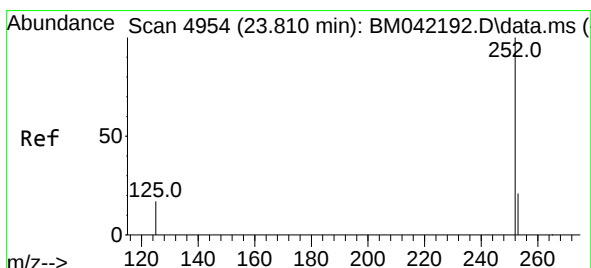
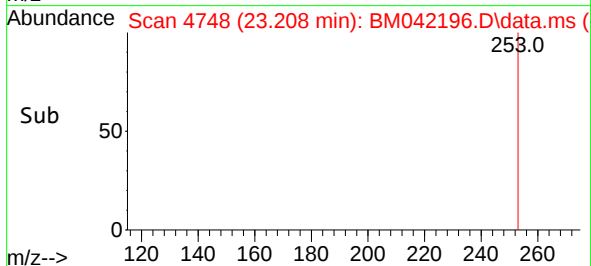
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

10/06/2023



#26

Benzo(a)pyrene

Concen: 0.094 ng/ul

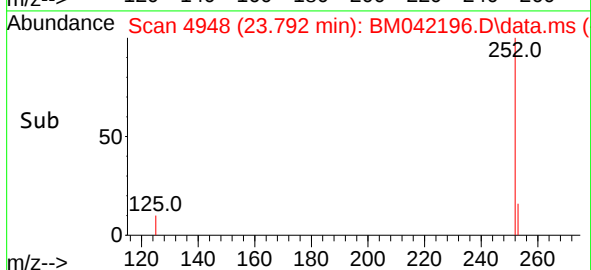
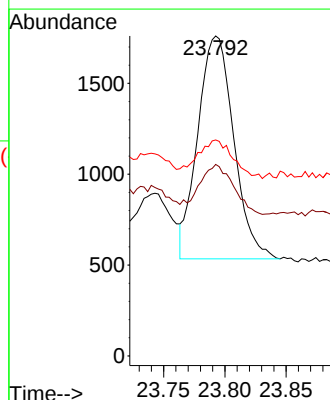
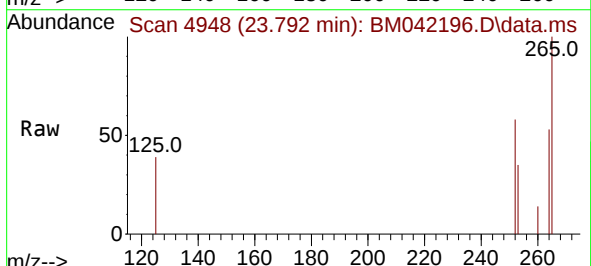
RT: 23.792 min Scan# 4948

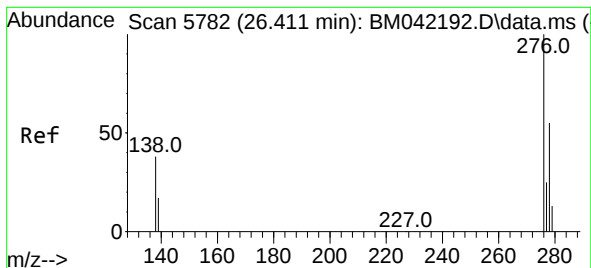
Delta R.T. -0.023 min

Lab File: BM042196.D

Acq: 04 Oct 2023 21:14

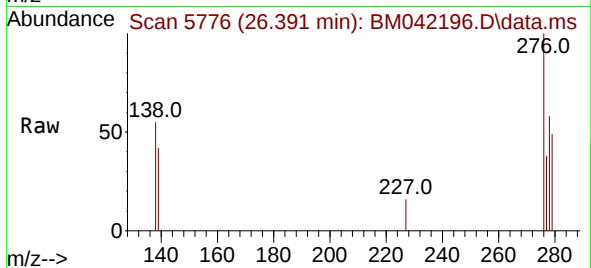
Tgt Ion:252	Resp:	2506
Ion Ratio	Lower	Upper
252	100	
253	59.9	25.3 37.9
125	67.5	23.2 34.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.027 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

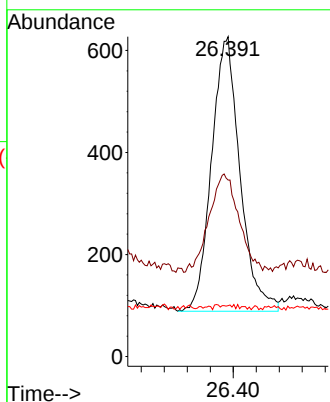
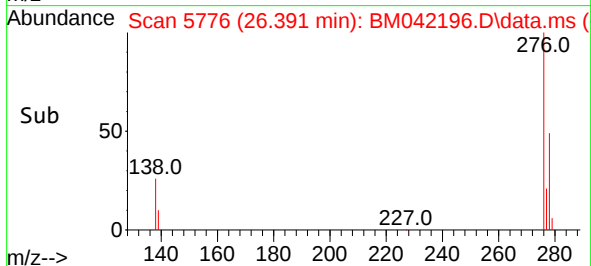
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion:276 Resp: 1844
Ion Ratio Lower Upper
276 100
138 36.2 26.7 40.1
227 0.0 0.2 0.2

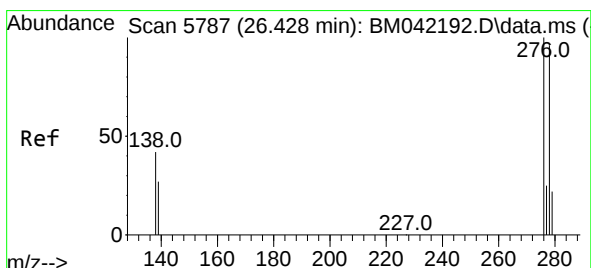
Manual Integrations
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Reviewed By :Yogesh
Patel

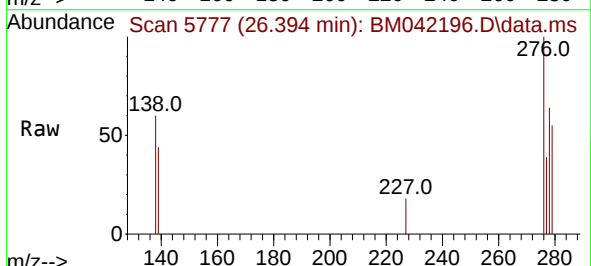


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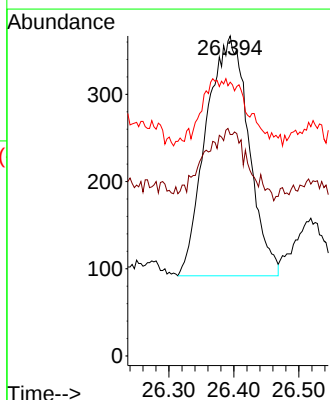
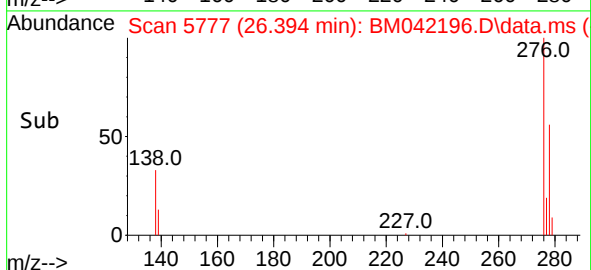
10/06/2023

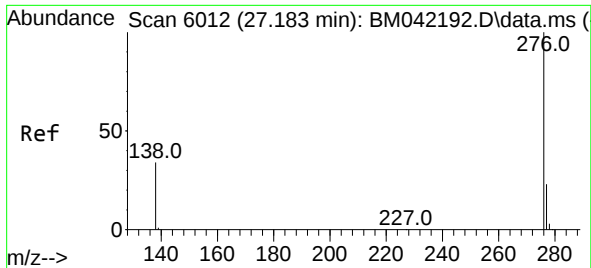


#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.394 min Scan# 5777
Delta R.T. -0.040 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14



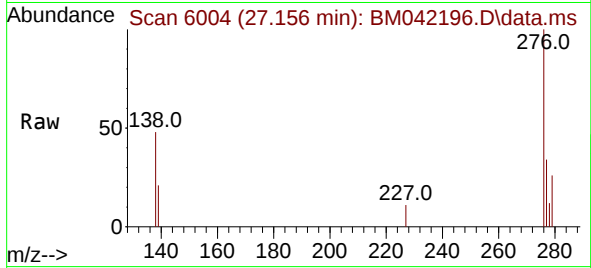
Tgt Ion:278 Resp: 1252
Ion Ratio Lower Upper
278 100
139 69.2 21.7 32.5#
279 85.6 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.156 min Scan# 6004
Delta R.T. -0.040 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

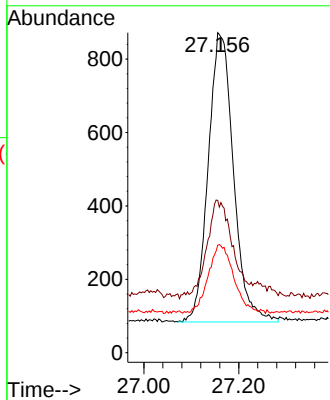
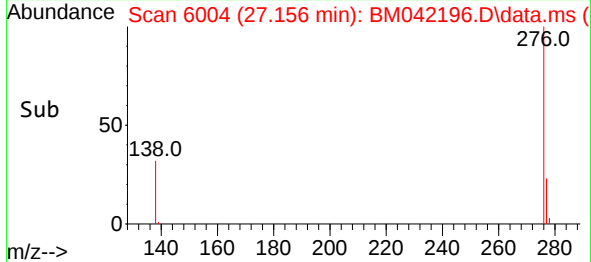
Instrument :
BNA_M
ClientSampleId :
BBHT7



Tgt Ion: 276 Resp: 291
Ion Ratio Lower Upper
276 100
138 47.6 26.8 40.2
277 33.6 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



10/05/2023
Supervised By :mohammad
ahmed

10/06/2023