

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037127.D
 Acq On : 18 Oct 2022 00:10
 Operator : CG/JU
 Sample : N4984-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC0

Manual Integrations
 APPROVED

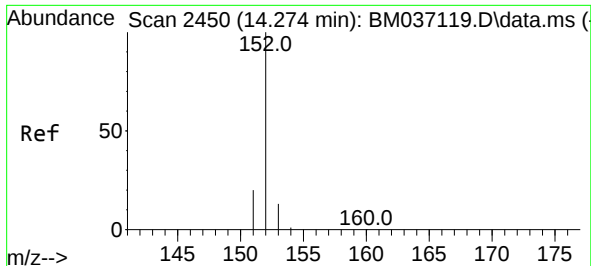
Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 00:46:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

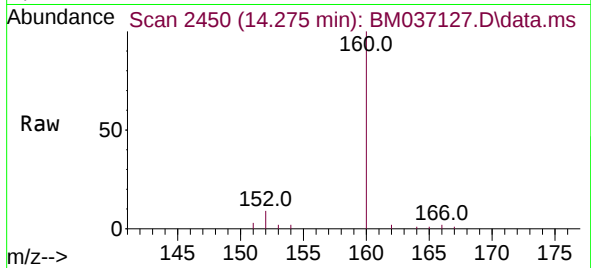
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	4223	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	15657	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	7992	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.289	188	14855	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	8807	0.400	ng/ul	0.00
23) Perylene-d12	23.849	264	7659	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	17045	2.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	4023	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	6476	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.275	152	1073	0.032	ng/ul#	81
15) Phenanthrene	17.331	178	6392	0.135	ng/ul	97
16) Anthracene	17.424	178	3642	0.092	ng/ul	96
19) Fluoranthene	19.341	202	24437	0.698	ng/ul	97
20) Pyrene	19.704	202	21994m	0.602	ng/ul	
21) Benzo(a)anthracene	21.446	228	12307	0.387	ng/ul	98
22) Chrysene	21.499	228	11991m	0.351	ng/ul	
24) Benzo(b)fluoranthene	23.121	252	15405	0.450	ng/ul	93
25) Benzo(k)fluoranthene	23.165	252	5250m	0.157	ng/ul	
26) Benzo(a)pyrene	23.741	252	11312	0.407	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.322	276	6607	0.168	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.335	278	1661	0.052	ng/ul#	62
29) Benzo(g,h,i)perylene	27.083	276	4783	0.138	ng/ul#	92

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



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10

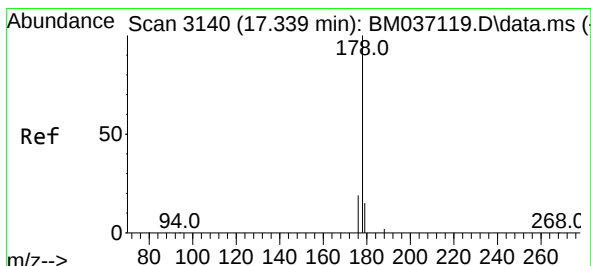
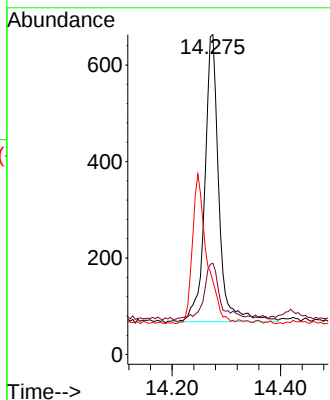
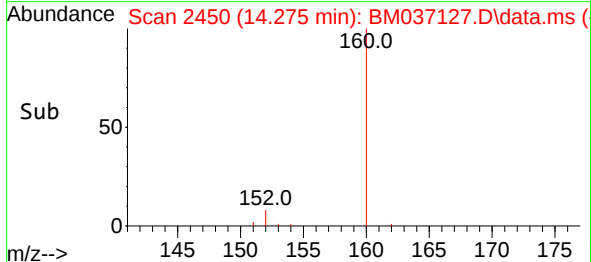
Instrument :
BNA_M
ClientSampleId :
BGNC0



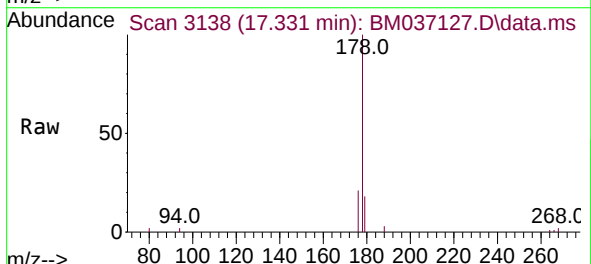
Tgt Ion:152 Resp: 1073
Ion Ratio Lower Upper
152 100
151 28.5 16.6 24.8
153 22.9 11.4 17.0

Manual Integrations
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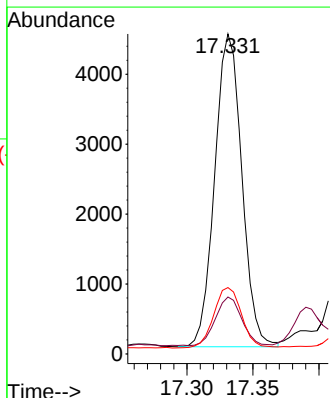
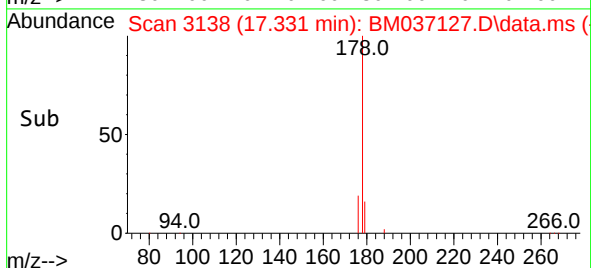
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

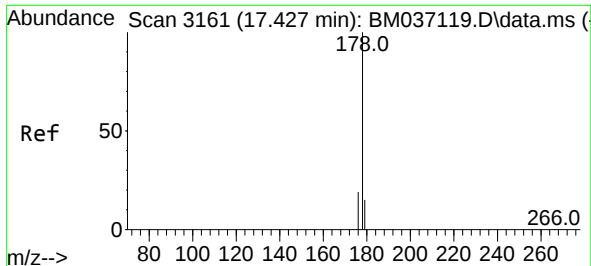


#15
Phenanthrene
Concen: 0.135 ng/ul
RT: 17.331 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10



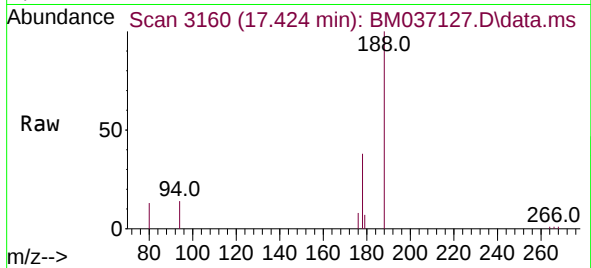
Tgt Ion:178 Resp: 6392
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.7 15.6 23.4





#16
 Anthracene
 Concen: 0.092 ng/ul
 RT: 17.424 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM037127.D
 Acq: 18 Oct 2022 00:10

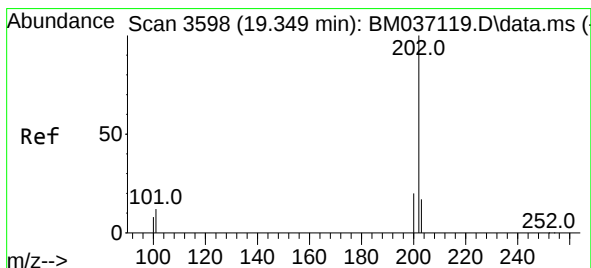
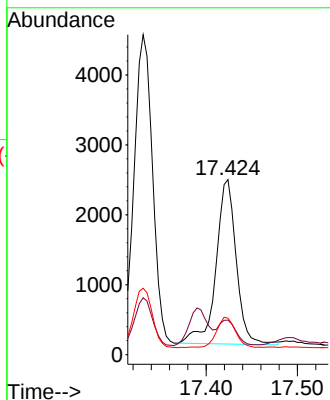
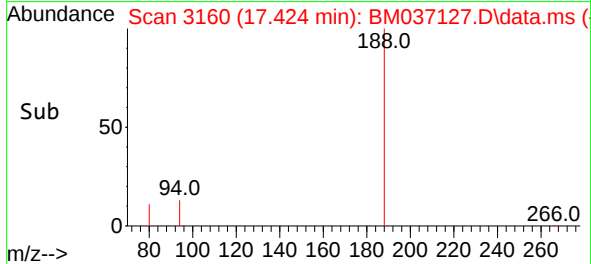
Instrument :
 BNA_M
 ClientSampleId :
 BGNC0



Tgt Ion:178 Resp: 3642
 Ion Ratio Lower Upper
 178 100
 179 19.7 13.6 20.4
 176 20.8 15.6 23.4

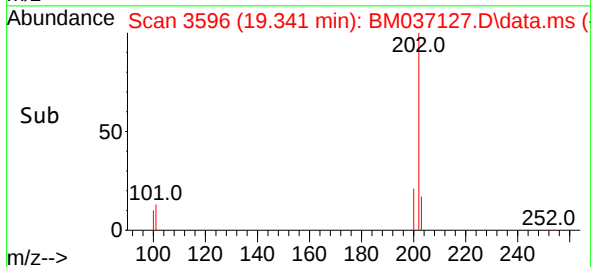
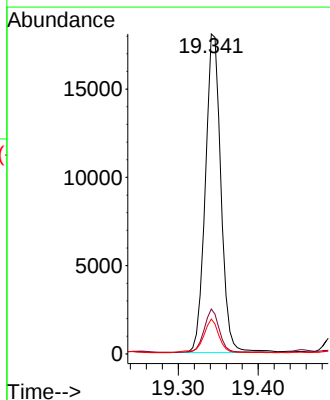
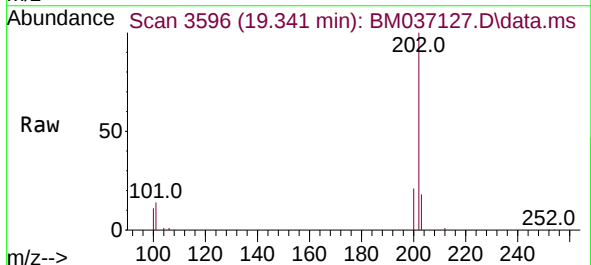
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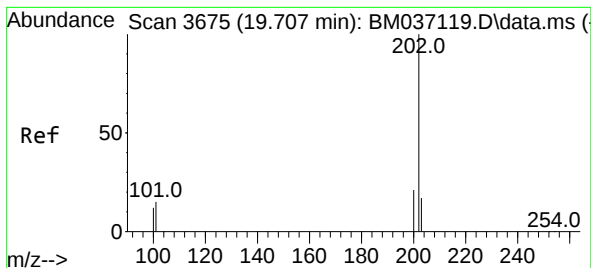
Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022



#19
 Fluoranthene
 Concen: 0.698 ng/ul
 RT: 19.341 min Scan# 3596
 Delta R.T. -0.008 min
 Lab File: BM037127.D
 Acq: 18 Oct 2022 00:10

Tgt Ion:202 Resp: 24437
 Ion Ratio Lower Upper
 202 100
 101 14.0 10.1 15.1
 100 10.9 7.9 11.9





#20

Pyrene

Concen: 0.602 ng/ul m

RT: 19.704 min Scan# 30

Delta R.T. -0.004 min

Lab File: BM037127.D

Acq: 18 Oct 2022 00:10

Instrument :

BNA_M

ClientSampleId :

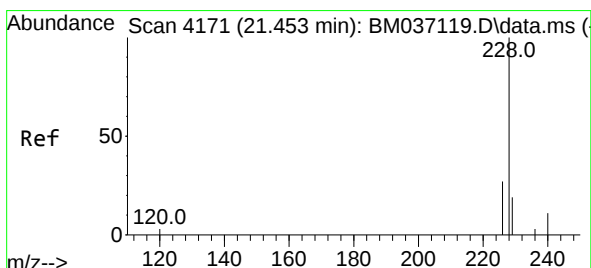
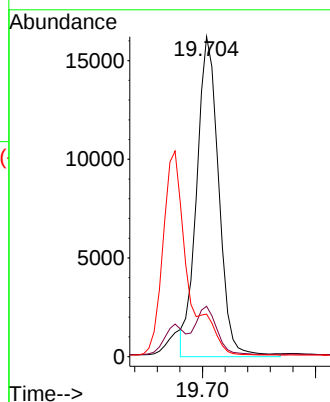
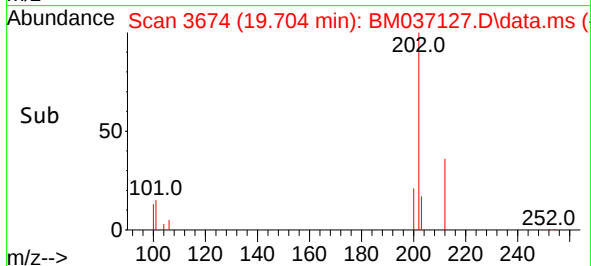
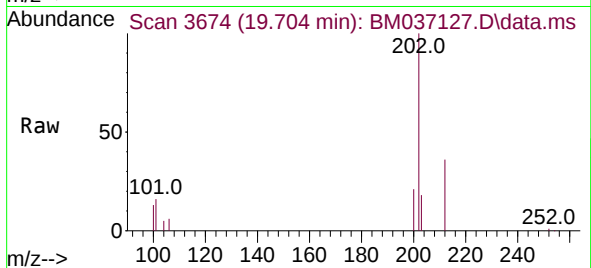
BGNC0

Tgt Ion:	202	Resp:	21994
Ion Ratio	Lower	Upper	
202	100		
101	15.7	12.0	18.0
100	13.3	9.8	14.6

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.387 ng/ul

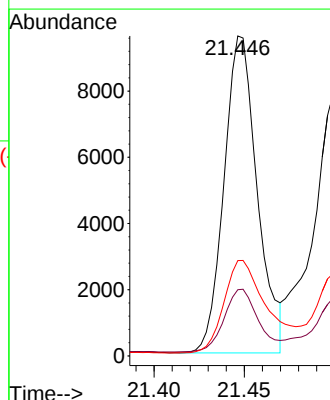
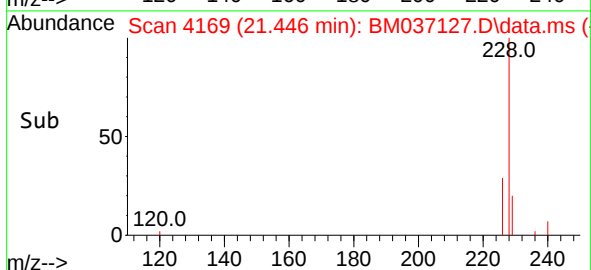
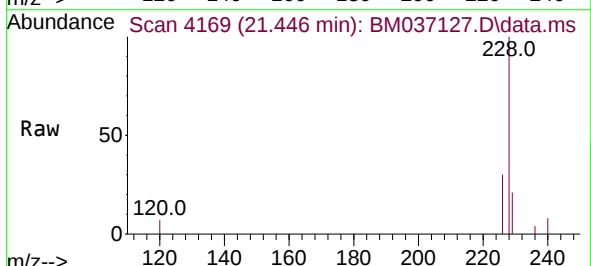
RT: 21.446 min Scan# 4169

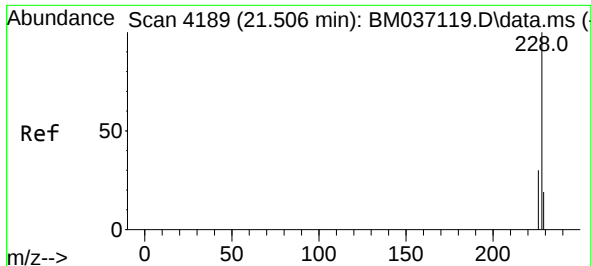
Delta R.T. -0.004 min

Lab File: BM037127.D

Acq: 18 Oct 2022 00:10

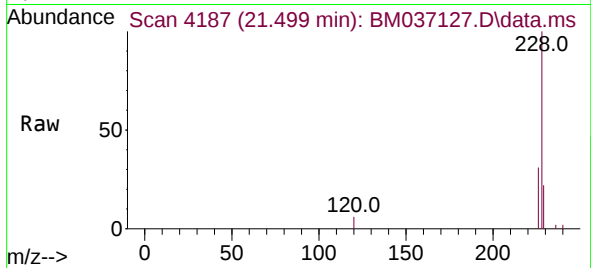
Tgt Ion:	228	Resp:	12307
Ion Ratio	Lower	Upper	
228	100		
229	20.7	16.2	24.2
226	29.8	22.5	33.7





#22
Chrysene
Concen: 0.351 ng/ul m
RT: 21.499 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10

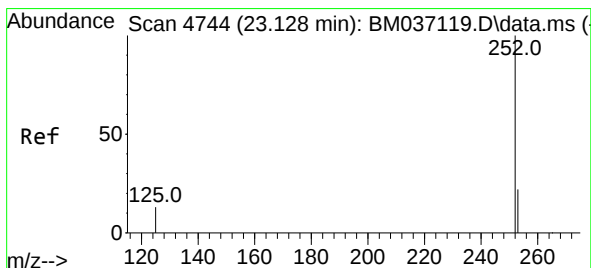
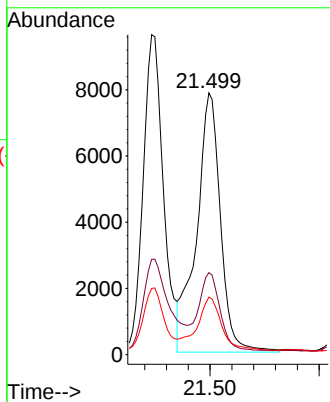
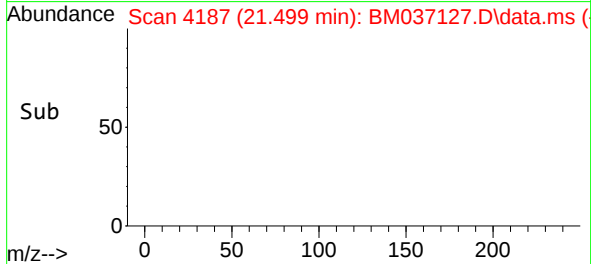
Instrument :
BNA_M
ClientSampleId :
BGNC0



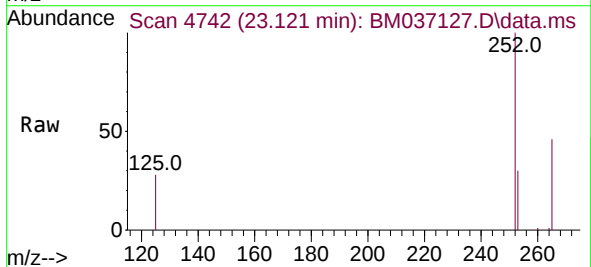
Tgt Ion:228 Resp: 11991
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 22.0 16.4 24.6

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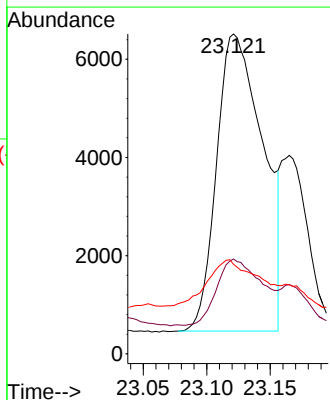
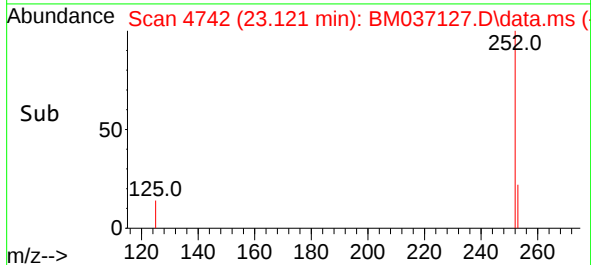
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

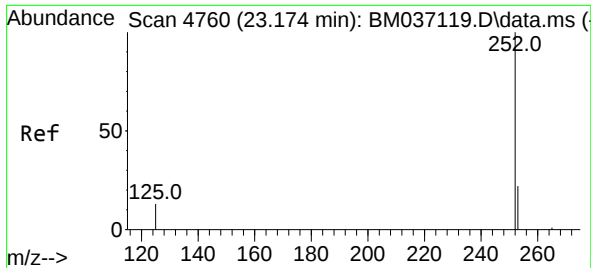


#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.121 min Scan# 4742
Delta R.T. -0.001 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10



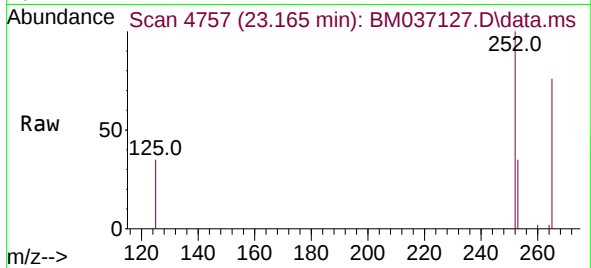
Tgt Ion:252 Resp: 15405
Ion Ratio Lower Upper
252 100
253 29.6 0.0 61.4
125 28.0 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.157 ng/ul m
RT: 23.165 min Scan# 4757
Delta R.T. -0.004 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10

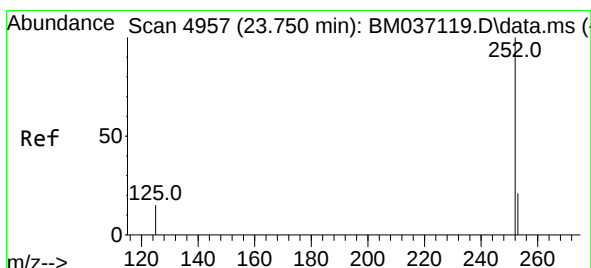
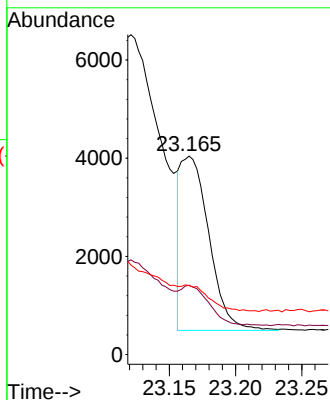
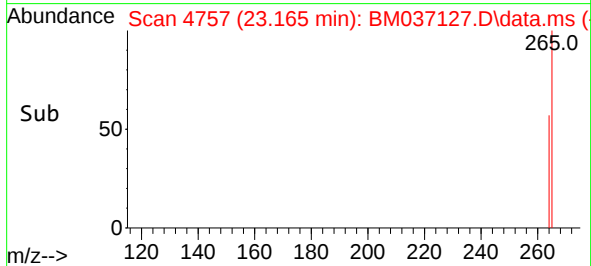
Instrument :
BNA_M
ClientSampleId :
BGNC0



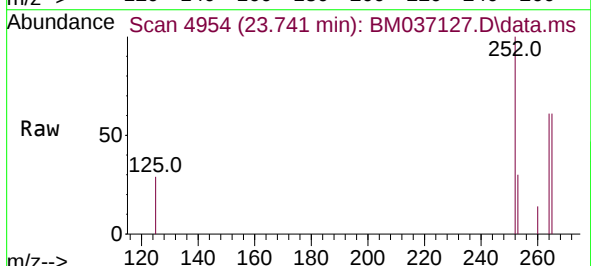
Tgt Ion:252 Resp: 5250
Ion Ratio Lower Upper
252 100
253 34.9 25.2 37.8
125 34.8 18.3 27.5

Manual Integrations
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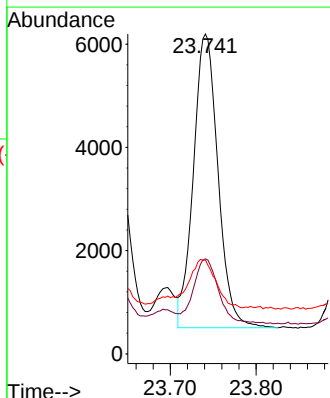
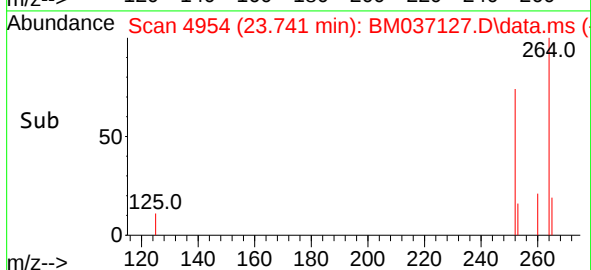
Reviewed By :Jagrut Upadhyay 10/18/2022
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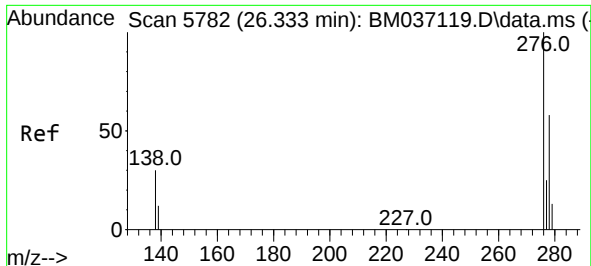


#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.741 min Scan# 4954
Delta R.T. -0.004 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10



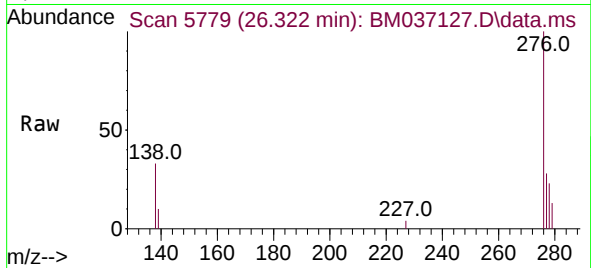
Tgt Ion:252 Resp: 11312
Ion Ratio Lower Upper
252 100
253 29.7 29.7 44.5
125 29.4 23.6 35.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10

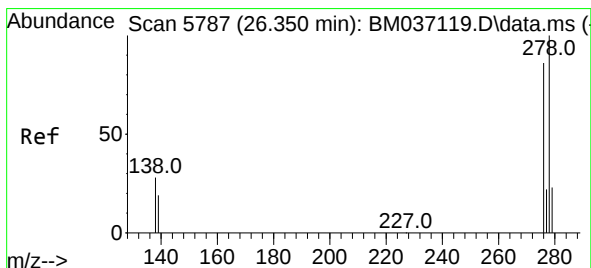
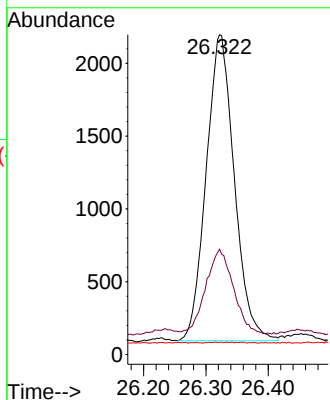
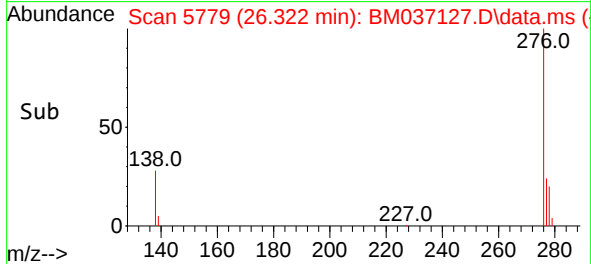
Instrument :
BNA_M
ClientSampleId :
BGNC0



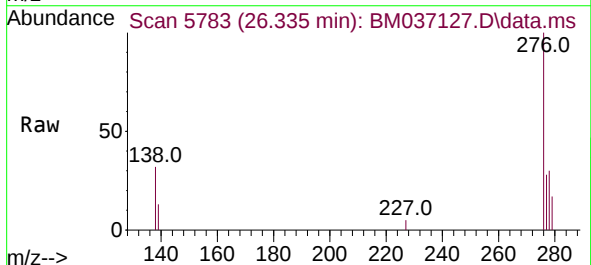
Tgt Ion: 276 Resp: 660
Ion Ratio Lower Upper
276 100
138 28.4 23.9 35.9
227 0.1 0.1 0.1

Manual Integrations
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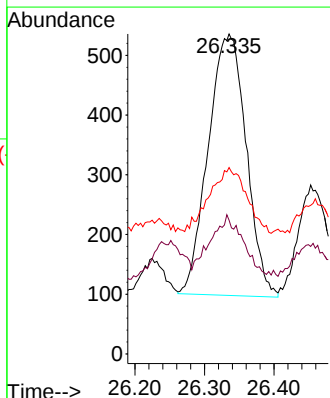
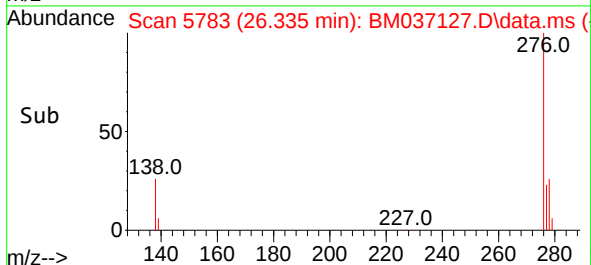
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

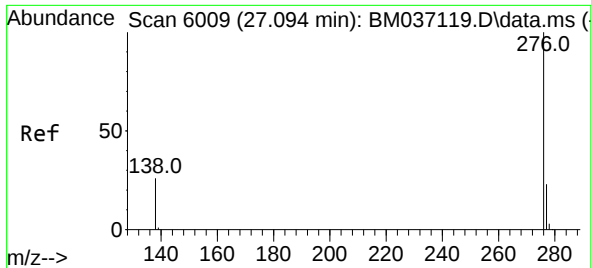


#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. -0.008 min
Lab File: BM037127.D
Acq: 18 Oct 2022 00:10



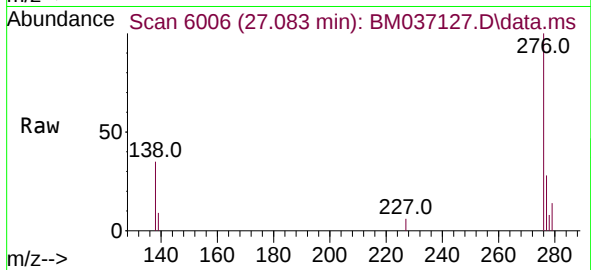
Tgt Ion: 278 Resp: 1661
Ion Ratio Lower Upper
278 100
139 41.8 19.8 29.6#
279 58.2 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.138 ng/ul
 RT: 27.083 min Scan# 6006
 Delta R.T. -0.004 min
 Lab File: BM037127.D
 Acq: 18 Oct 2022 00:10

Instrument :
 BNA_M
 ClientSampleId :
 BGNC0



Tgt Ion:276 Resp: 4783
 Ion Ratio Lower Upper
 276 100
 138 35.1 23.4 35.0
 277 28.4 21.0 31.4

Manual Integrations
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