

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037128.D
 Acq On : 18 Oct 2022 00:45
 Operator : CG/JU
 Sample : N4984-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC6

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:17:25 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	7.922	152	5337	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	19605	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	10083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	20074	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	13761	0.400	ng/ul	0.00
23) Perylene-d12	23.850	264	10190	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	24682	3.279	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	5180	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	10893	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	12169	0.217	ng/ul	97
7) 2-Methylnaphthalene	12.382	142	1546	0.045	ng/ul	92
8) 1-Methylnaphthalene	12.602	142	810	0.023	ng/ul	94
10) Acenaphthylene	14.274	152	20092	0.479	ng/ul	99
11) Acenaphthene	14.612	153	3275	0.090	ng/ul	98
12) Fluorene	15.598	166	14265	0.346	ng/ul	100
15) Phenanthrene	17.330	178	324597	5.065	ng/ul	99
16) Anthracene	17.423	178	163792	3.058	ng/ul	98
19) Fluoranthene	19.345	202	846030	15.457	ng/ul	99
20) Pyrene	19.708	202	644684m	11.295	ng/ul	
21) Benzo(a)anthracene	21.447	228	396035	7.966	ng/ul	98
22) Chrysene	21.500	228	319169	5.979	ng/ul	98
24) Benzo(b)fluoranthene	23.122	252	337482	7.414	ng/ul	85
25) Benzo(k)fluoranthene	23.166	252	109605m	2.471	ng/ul	
26) Benzo(a)pyrene	23.745	252	250792	6.790	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.316	276	124107	2.372	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.330	278	34476	0.815	ng/ul	93
29) Benzo(g,h,i)perylene	27.077	276	83587	1.813	ng/ul	97

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

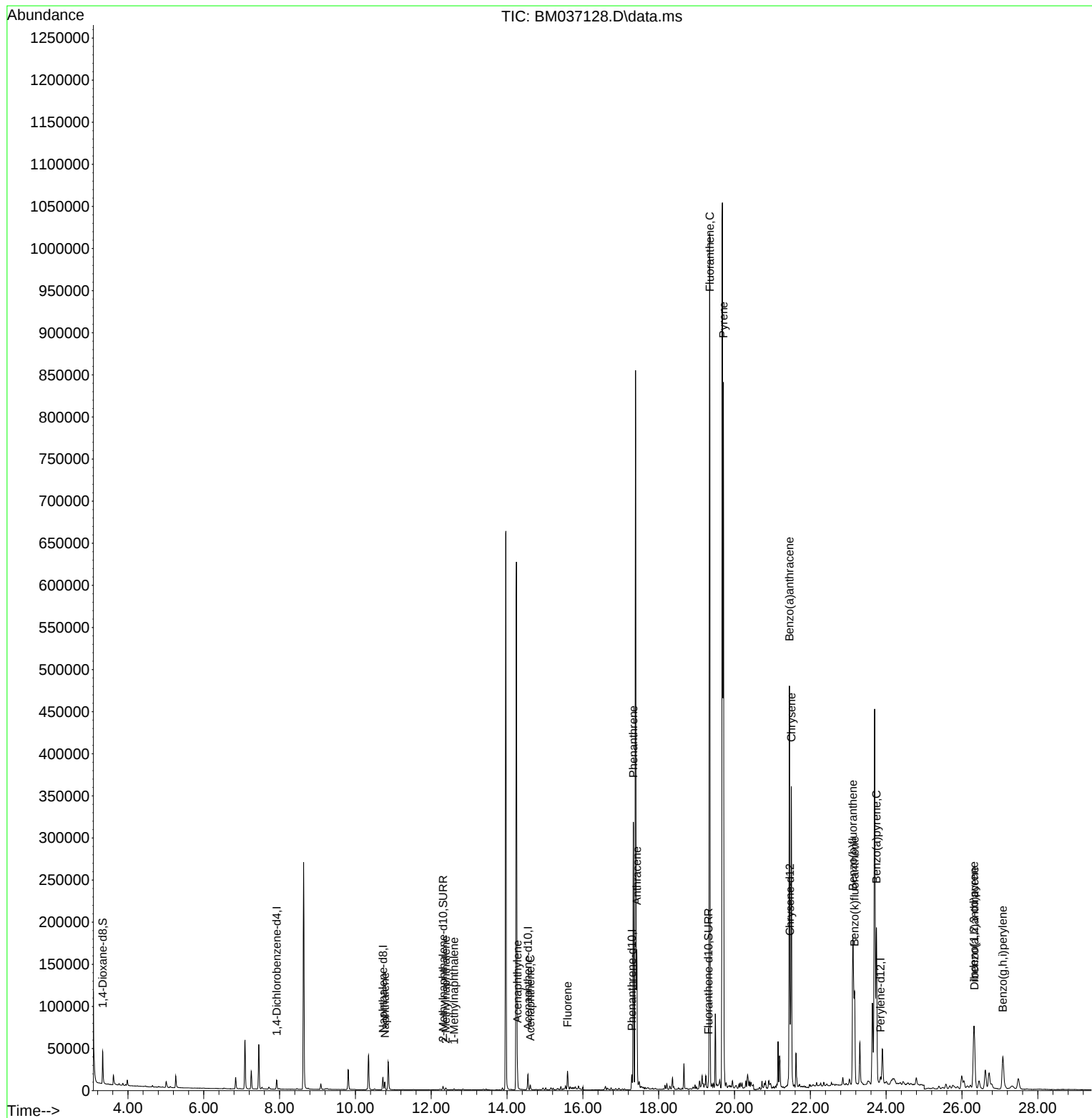
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037128.D
Acq On : 18 Oct 2022 00:45
Operator : CG/JU
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Misc :
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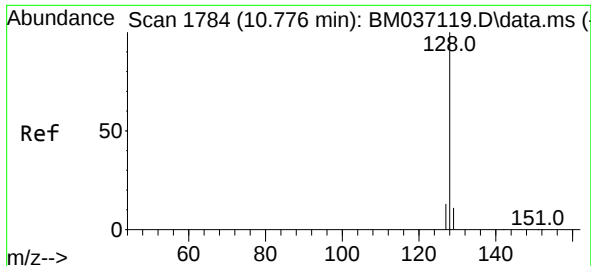
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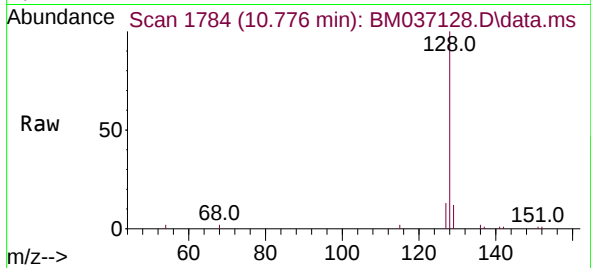
Quant Time: Oct 18 01:17:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.217 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

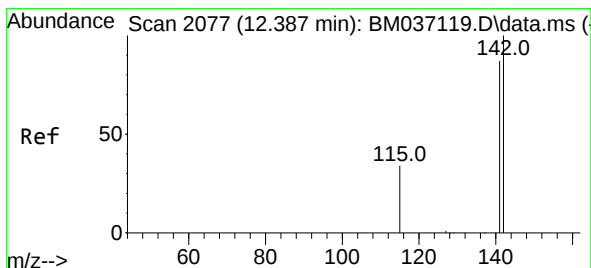
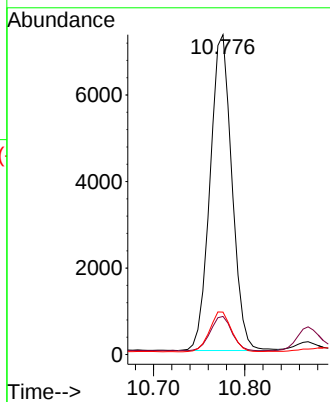
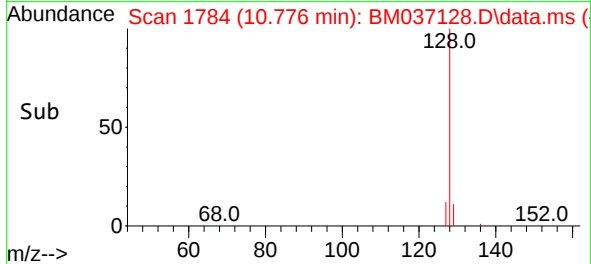
Instrument :
BNA_M
ClientSampleId :
BGNC6



Tgt Ion:128 Resp: 12169
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.3 11.7 17.5

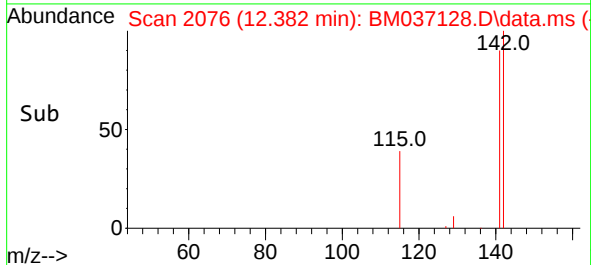
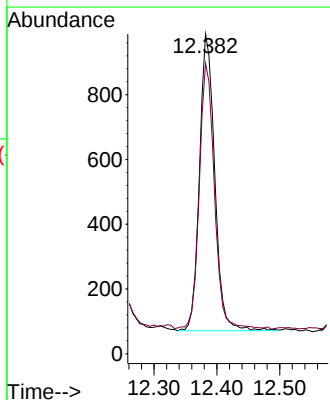
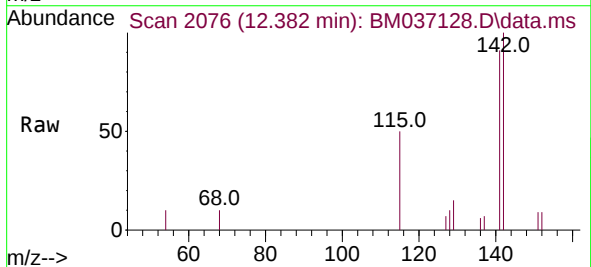
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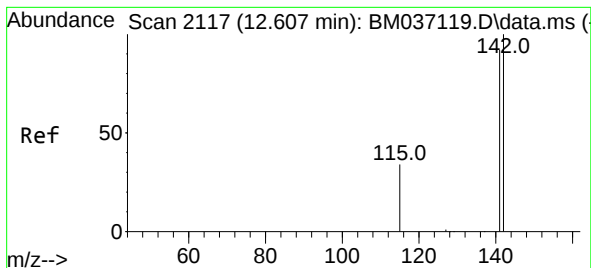
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

Tgt Ion:142 Resp: 1546
Ion Ratio Lower Upper
142 100
141 88.9 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.602 min Scan# 2116

Delta R.T. -0.005 min

Lab File: BM037128.D

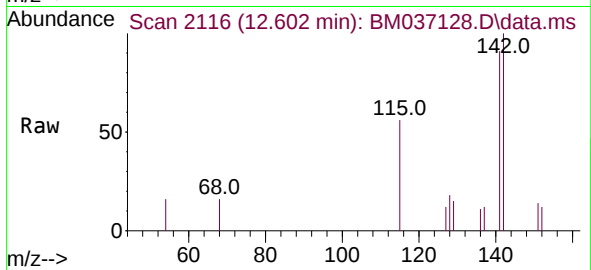
Acq: 18 Oct 2022 00:45

Instrument :

BNA_M

ClientSampleId :

BGNC6



Tgt Ion:142 Resp: 810

Ion Ratio Lower Upper

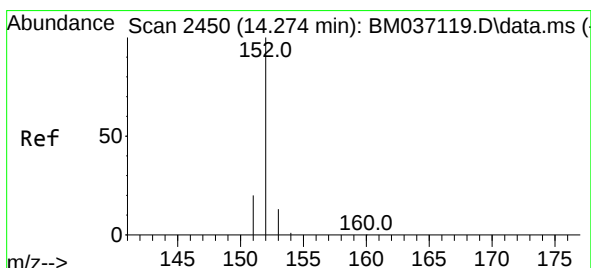
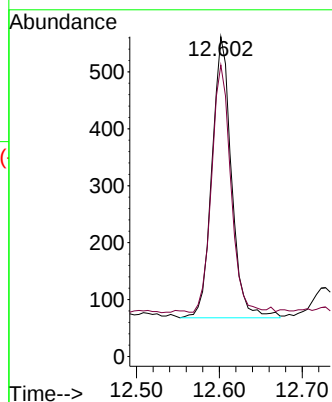
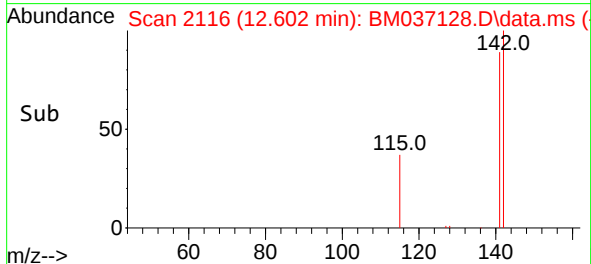
142 100

141 86.4 74.1 111.1

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#10

Acenaphthylene

Concen: 0.479 ng/ul

RT: 14.274 min Scan# 2450

Delta R.T. -0.004 min

Lab File: BM037128.D

Acq: 18 Oct 2022 00:45

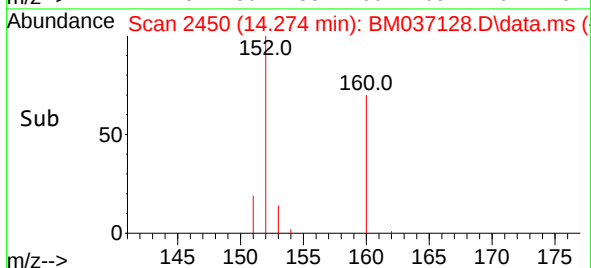
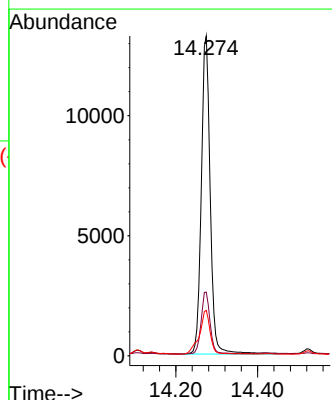
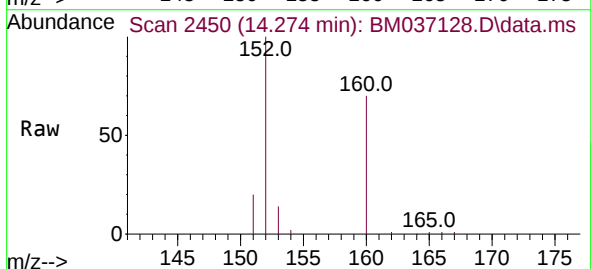
Tgt Ion:152 Resp: 20092

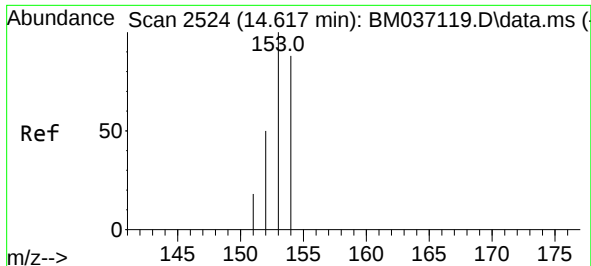
Ion Ratio Lower Upper

152 100

151 19.9 16.6 24.8

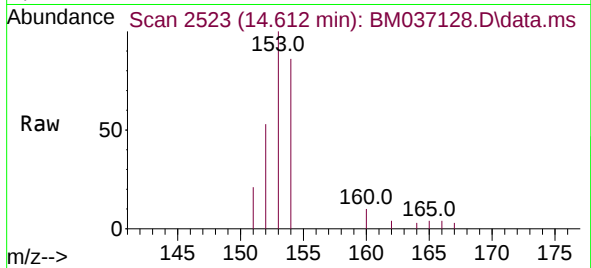
153 14.2 11.4 17.0





#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.612 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

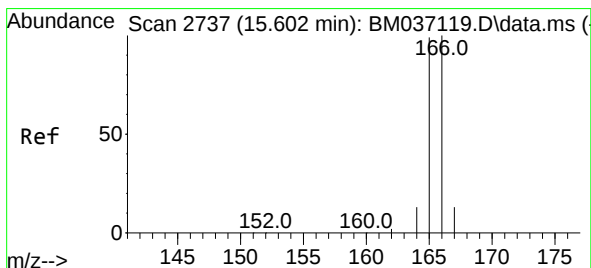
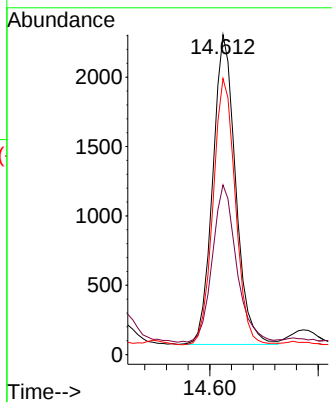
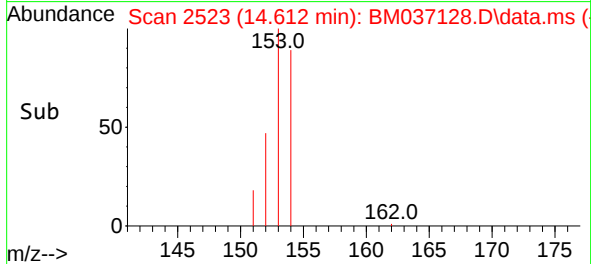
Instrument :
BNA_M
ClientSampleId :
BGNC6



Tgt Ion:153 Resp: 3275
Ion Ratio Lower Upper
153 100
152 53.0 40.2 60.4
154 86.3 69.7 104.5

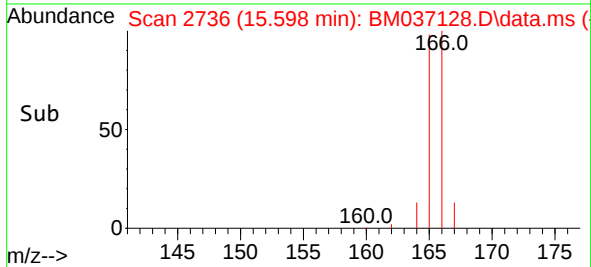
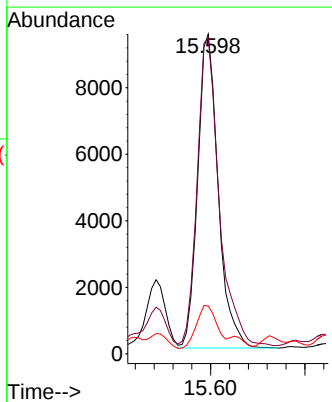
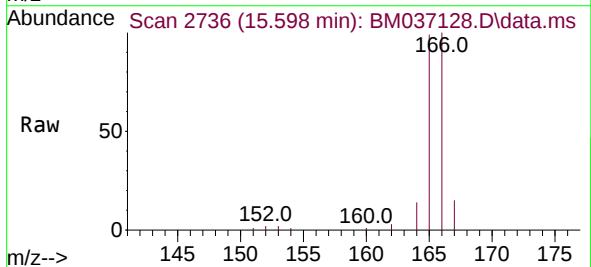
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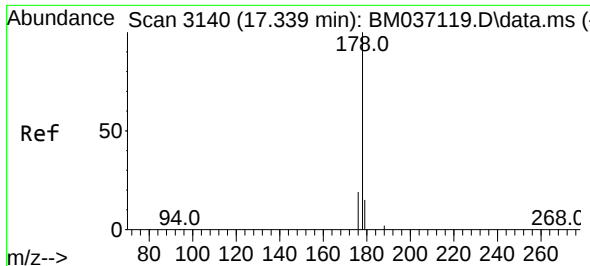
Reviewed By :Jagrut Upadhyay 10/18/2022
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#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

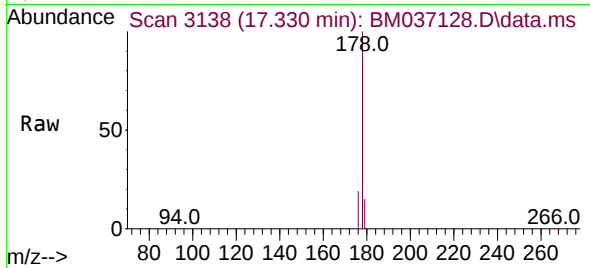
Tgt Ion:166 Resp: 14265
Ion Ratio Lower Upper
166 100
165 98.6 78.9 118.3
167 14.9 11.3 16.9





#15
Phenanthrene
Concen: 5.065 ng/ul
RT: 17.330 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

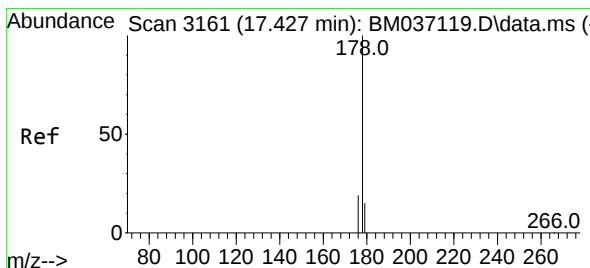
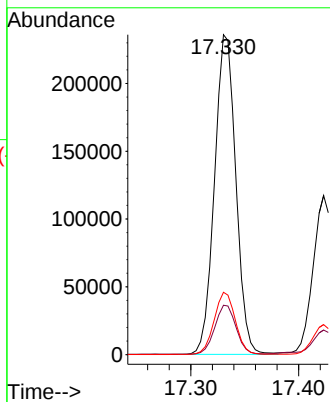
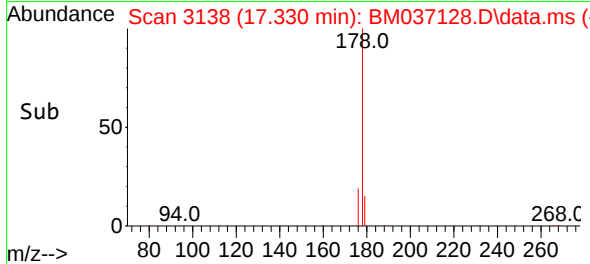
Instrument :
BNA_M
ClientSampleId :
BGNC6



Tgt Ion:178 Resp: 324592
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.5 15.6 23.4

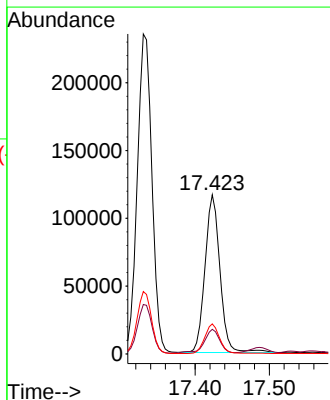
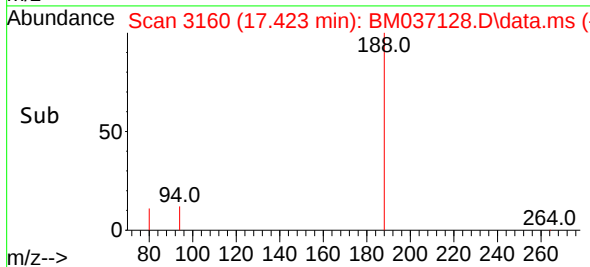
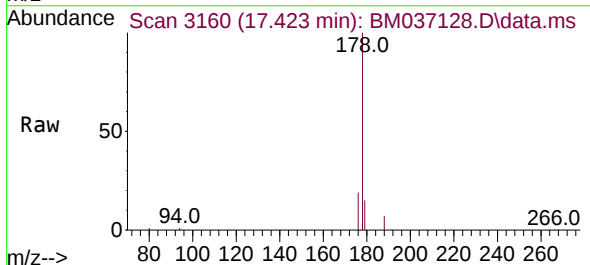
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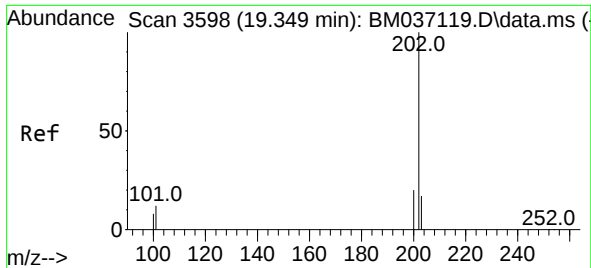
Reviewed By :Jagrut Upadhyay 10/18/2022
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#16
Anthracene
Concen: 3.058 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

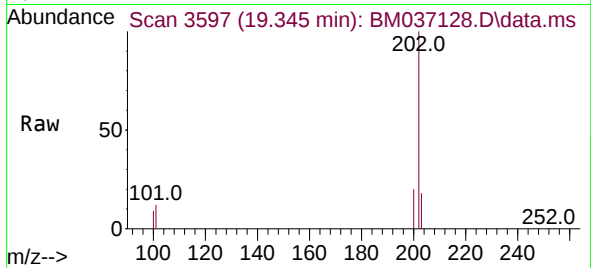
Tgt Ion:178 Resp: 163792
Ion Ratio Lower Upper
178 100
179 15.5 13.6 20.4
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 15.457 ng/ul
RT: 19.345 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

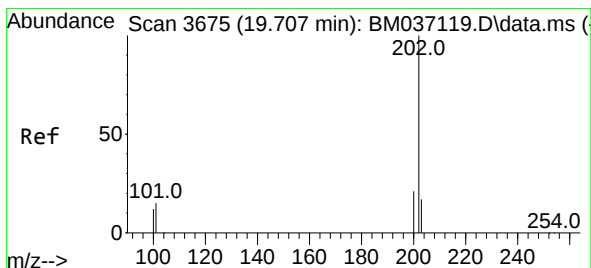
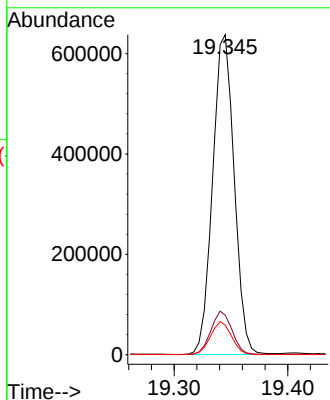
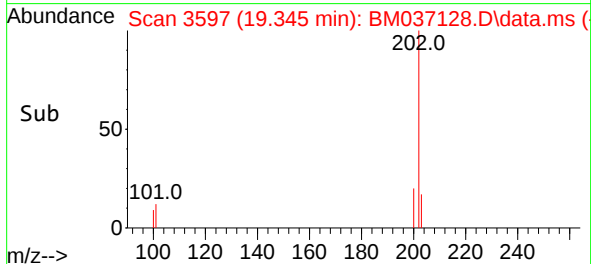
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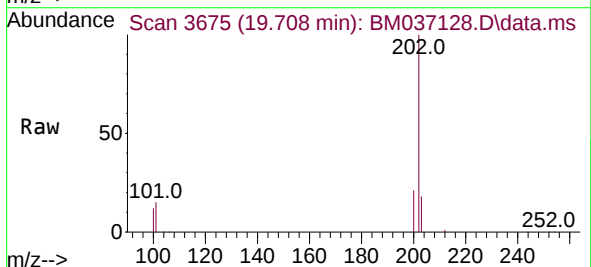
Tgt Ion:202 Resp: 846036
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.2 7.9 11.9

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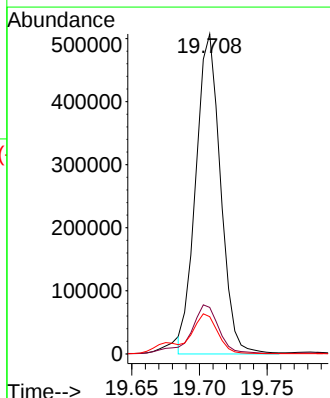
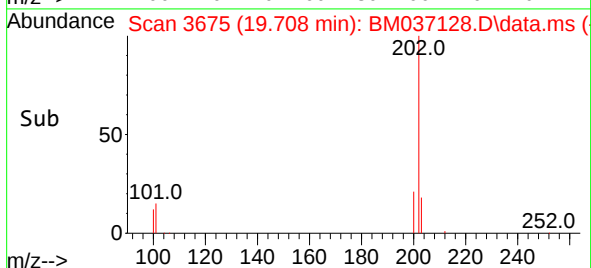
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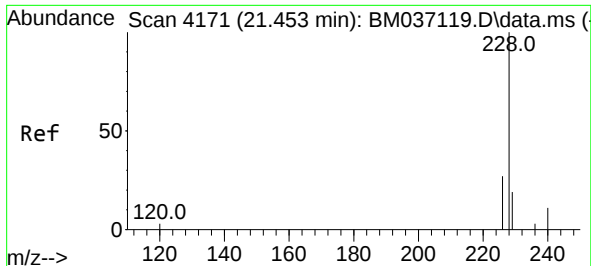


#20
Pyrene
Concen: 11.295 ng/ul m
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45



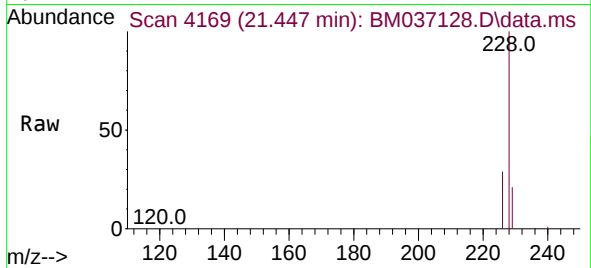
Tgt Ion:202 Resp: 644684
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.966 ng/ul
RT: 21.447 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

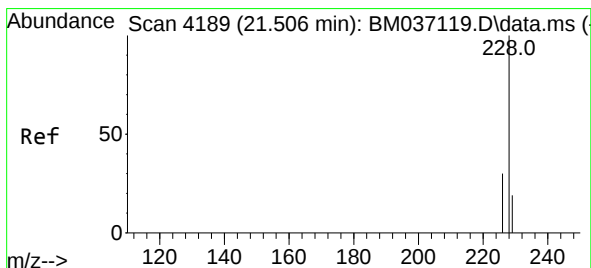
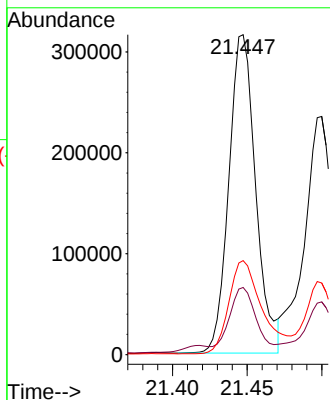
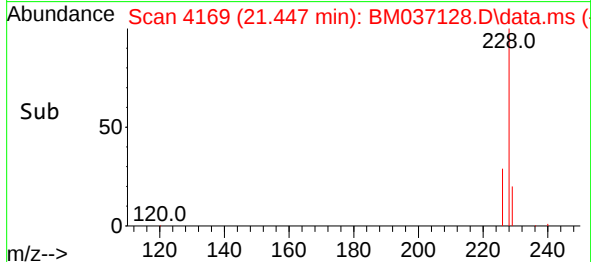
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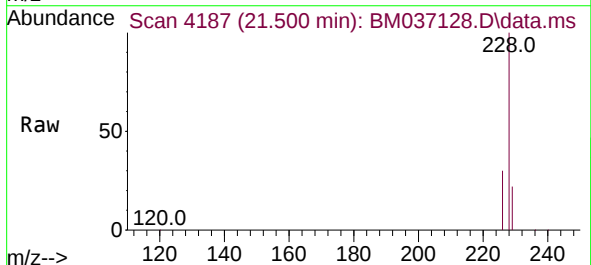
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Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 29.4 22.5 33.7

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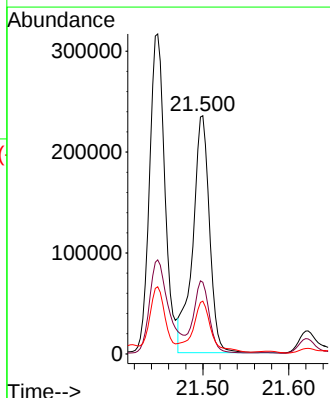
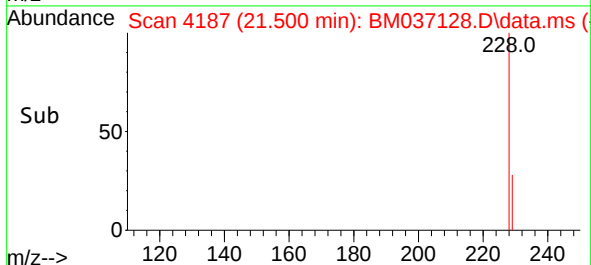
Reviewed By :Jagrut Upadhyay 10/18/2022
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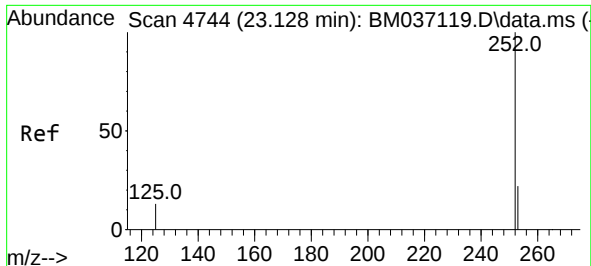


#22
Chrysene
Concen: 5.979 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45



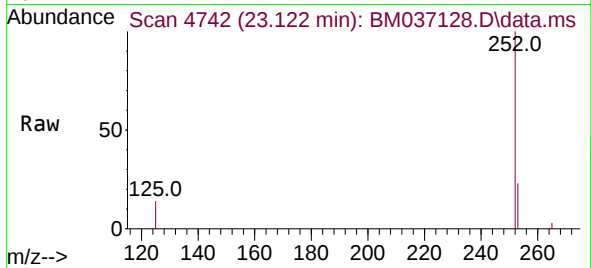
Tgt Ion:228 Resp: 319169
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 7.414 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

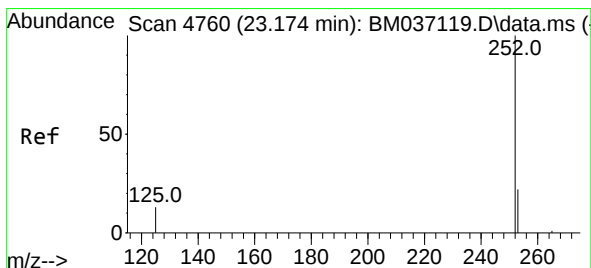
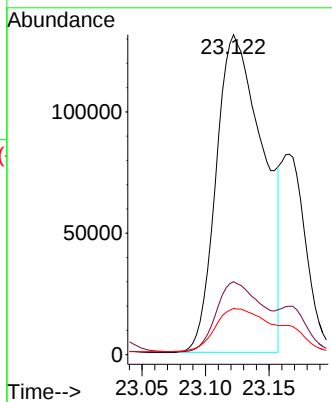
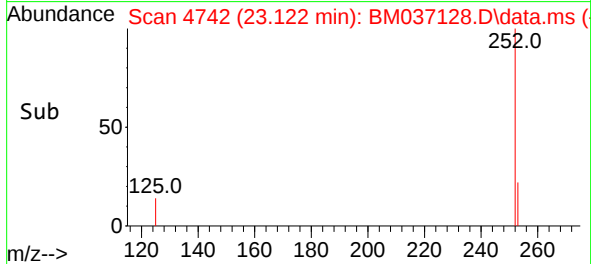
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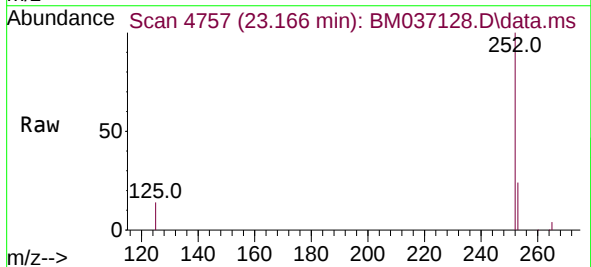
Tgt Ion:252 Resp: 337482
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 14.4 0.0 42.6

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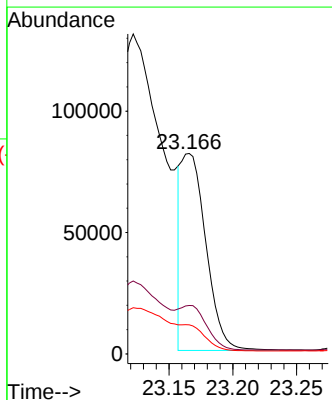
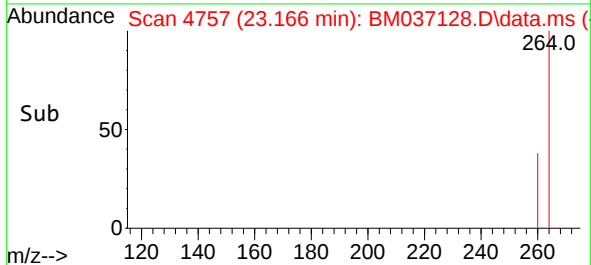
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

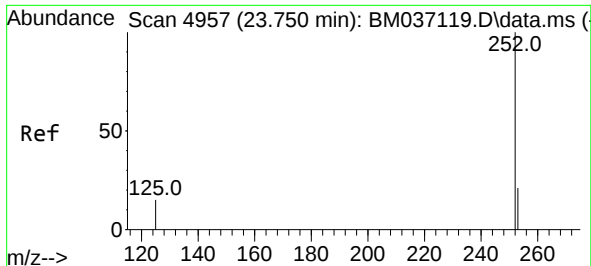


#25
Benzo(k)fluoranthene
Concen: 2.471 ng/ul m
RT: 23.166 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45



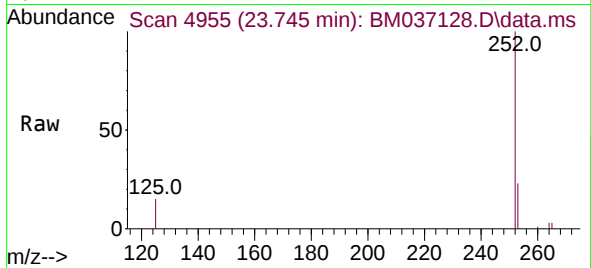
Tgt Ion:252 Resp: 109605
Ion Ratio Lower Upper
252 100
253 24.2 25.2 37.8#
125 14.5 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 6.790 ng/ul
RT: 23.745 min Scan# 4957
Delta R.T. 0.000 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

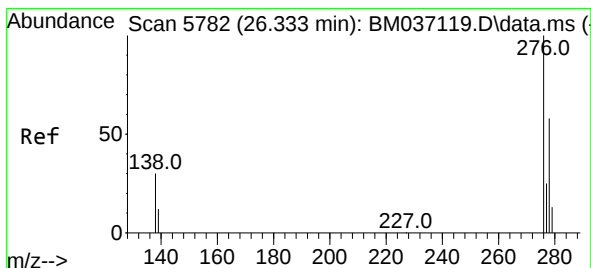
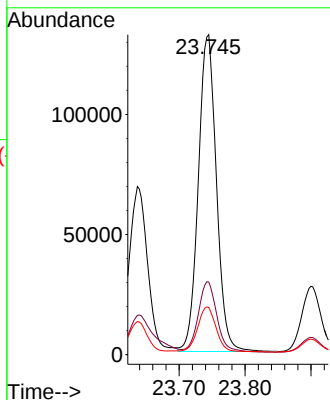
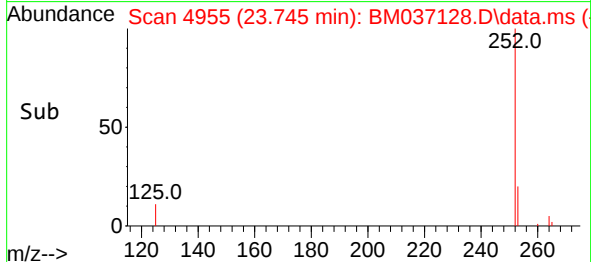
Instrument :
BNA_M
ClientSampleId :
BGNC6



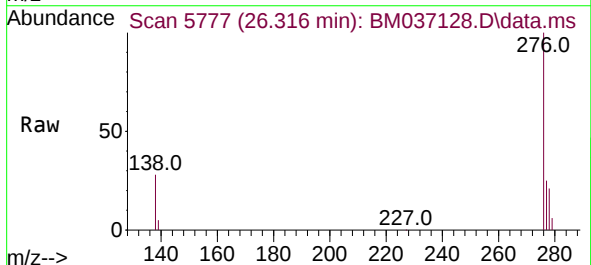
Tgt Ion:252 Resp: 250792
Ion Ratio Lower Upper
252 100
253 22.7 29.7 44.5
125 14.7 23.6 35.4

Manual Integrations
APPROVED

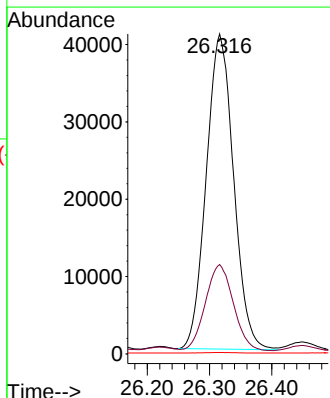
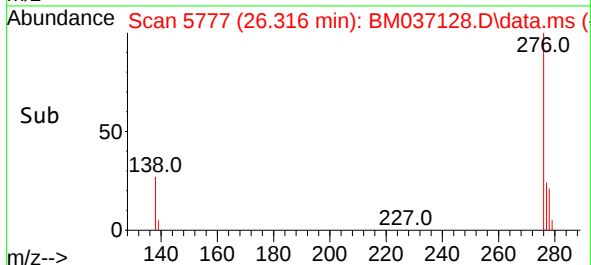
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

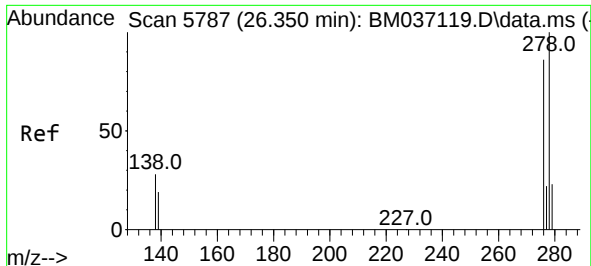


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.372 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45



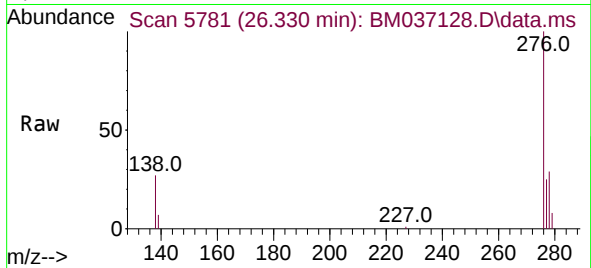
Tgt Ion:276 Resp: 124107
Ion Ratio Lower Upper
276 100
138 28.0 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.815 ng/ul
RT: 26.330 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

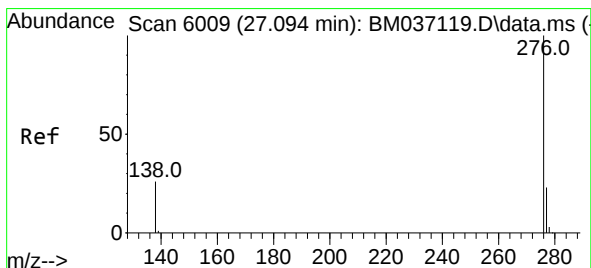
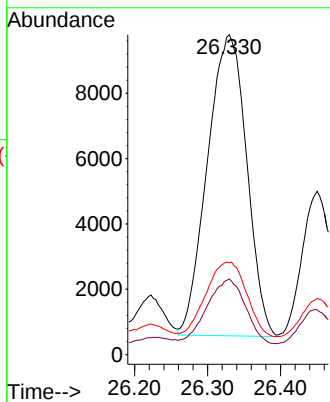
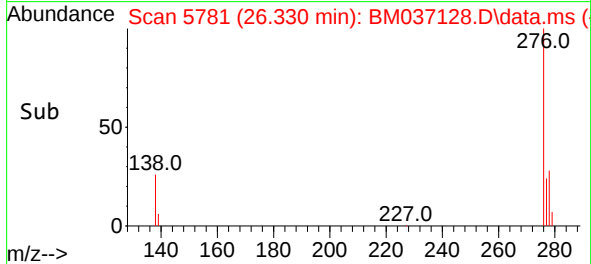
Instrument :
BNA_M
ClientSampleId :
BGNC6



Tgt Ion:278 Resp: 34476
Ion Ratio Lower Upper
278 100
139 23.6 19.8 29.6
279 28.7 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.813 ng/ul
RT: 27.077 min Scan# 6004
Delta R.T. -0.010 min
Lab File: BM037128.D
Acq: 18 Oct 2022 00:45

Tgt Ion:276 Resp: 83587
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 24.0 21.0 31.4

