

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037035.D
 Acq On : 14 Oct 2022 02:29
 Operator : CG/JU
 Sample : N5025-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 03:20:46 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6406	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	23282	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.566	164	12529	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	24758	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	16549	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	12923	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	35645	3.946	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	8613	0.245	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	15872	0.321	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	8073	0.121	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	4730	0.116	ng/ul	93
8) 1-Methylnaphthalene	12.618	142	3688	0.089	ng/ul	100
10) Acenaphthylene	14.288	152	2526	0.049	ng/ul#	87
11) Acenaphthene	14.626	153	1229	0.027	ng/ul	96
12) Fluorene	15.611	166	2158	0.042	ng/ul#	98
15) Phenanthrene	17.343	178	50139	0.634	ng/ul	99
16) Anthracene	17.436	178	9646	0.146	ng/ul	99
19) Fluoranthene	19.354	202	115008	1.747	ng/ul	99
20) Pyrene	19.717	202	93445m	1.361	ng/ul	
21) Benzo(a)anthracene	21.456	228	41290	0.691	ng/ul	99
22) Chrysene	21.509	228	49311m	0.768	ng/ul	
24) Benzo(b)fluoranthene	23.136	252	51328	0.889	ng/ul	94
25) Benzo(k)fluoranthene	23.180	252	16414m	0.292	ng/ul	
26) Benzo(a)pyrene	23.756	252	34373	0.734	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.339	276	21651	0.326	ng/ul	95
28) Dibenzo(a,h)anthracene	26.356	278	5982	0.112	ng/ul#	82
29) Benzo(g,h,i)perylene	27.111	276	20597	0.352	ng/ul	100

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

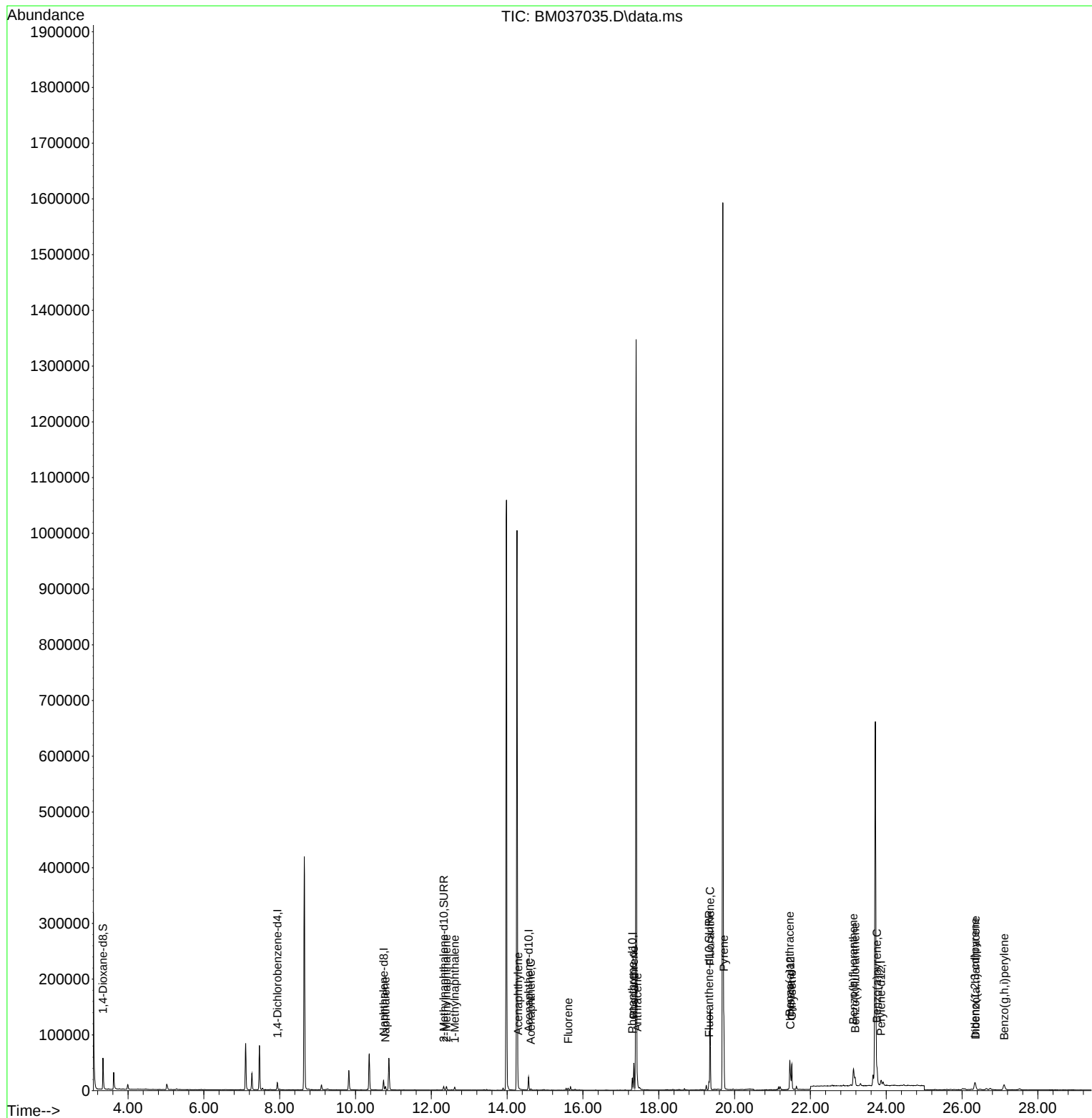
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037035.D
Acq On : 14 Oct 2022 02:29
Operator : CG/JU
Sample : N5025-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

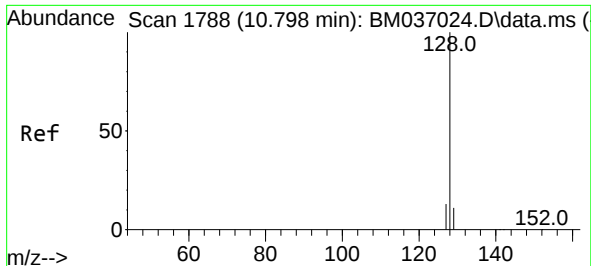
Instrument :
BNA_M
ClientSampleId :
C0BD5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

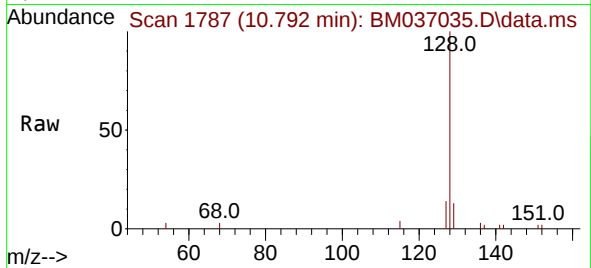
Quant Time: Oct 14 03:20:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.121 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

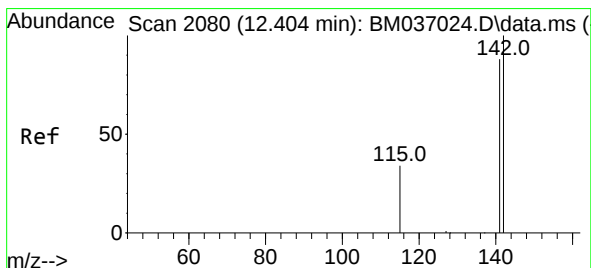
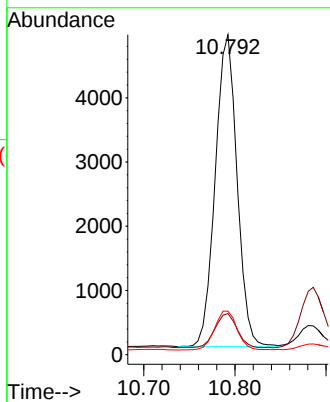
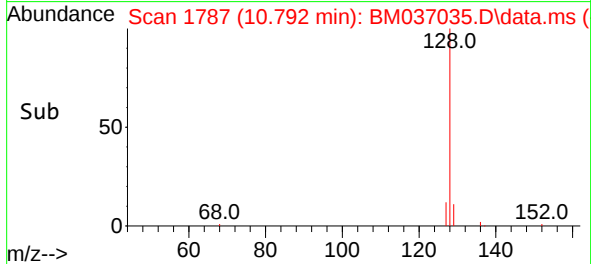
Instrument :
BNA_M
ClientSampleId :
C0BD5



Tgt Ion:128 Resp: 807
Ion Ratio Lower Upper
128 100
129 12.9 10.2 15.2
127 13.6 11.7 17.5

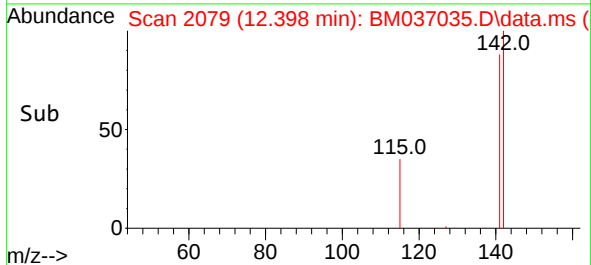
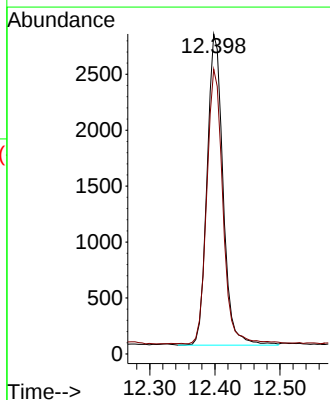
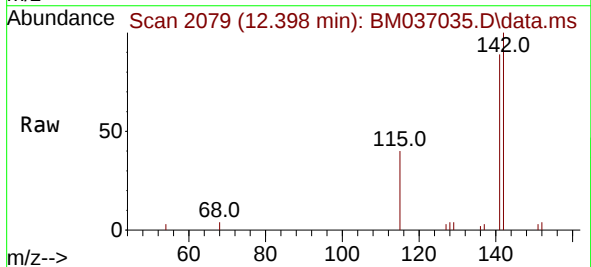
Manual Integrations
APPROVED

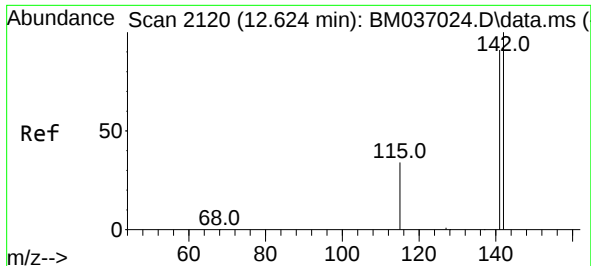
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.016 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

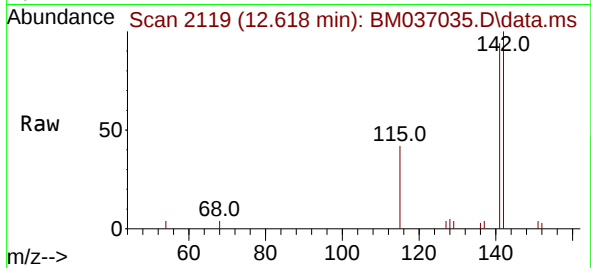
Tgt Ion:142 Resp: 4730
Ion Ratio Lower Upper
142 100
141 89.5 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.089 ng/u1
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

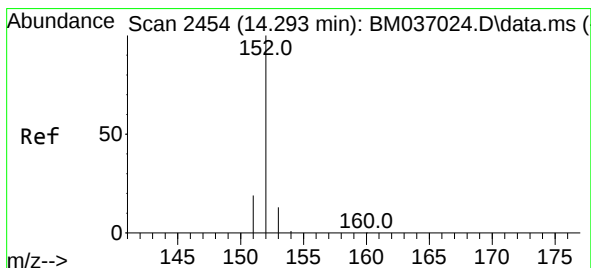
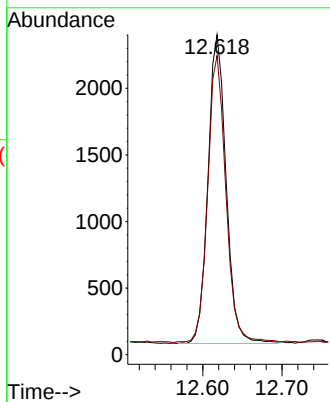
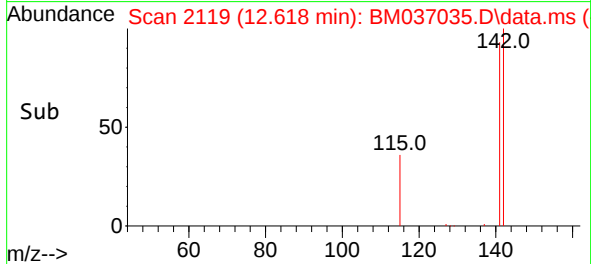
Instrument :
BNA_M
ClientSampleId :
C0BD5



Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

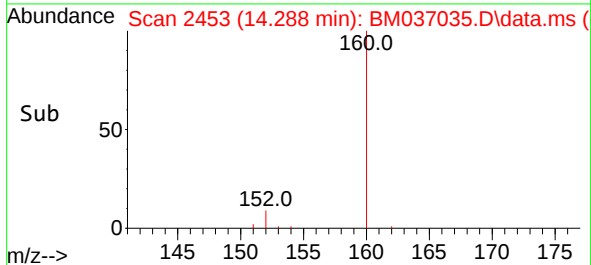
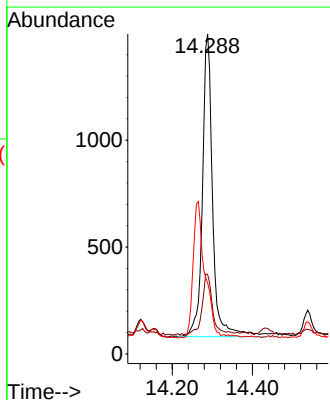
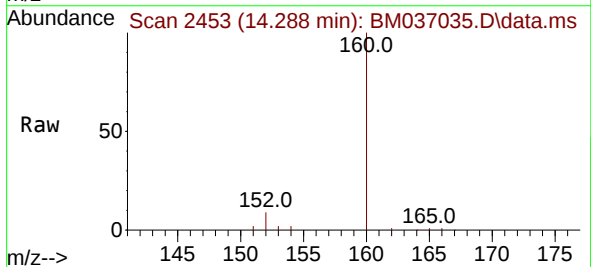
Manual Integrations
APPROVED

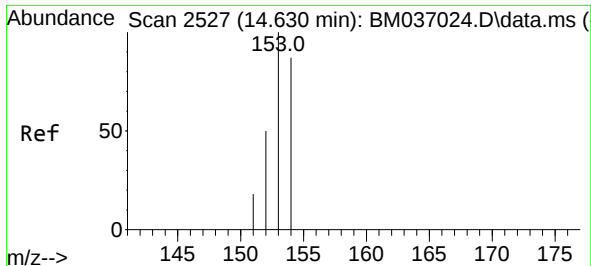
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.049 ng/u1
RT: 14.288 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

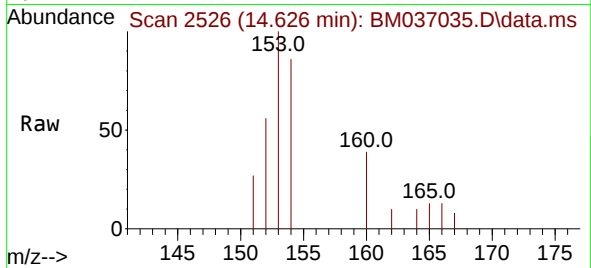
Tgt Ion:152 Resp: 2526
Ion Ratio Lower Upper
152 100
151 24.8 16.6 24.8#
153 22.2 11.4 17.0#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.626 min Scan# 2129
Delta R.T. -0.014 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

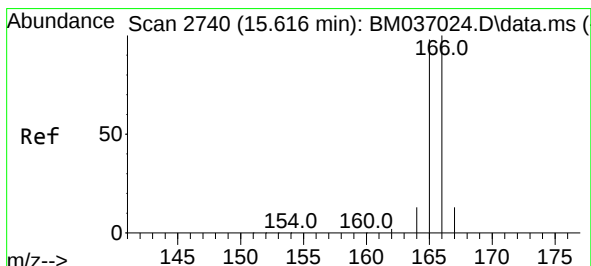
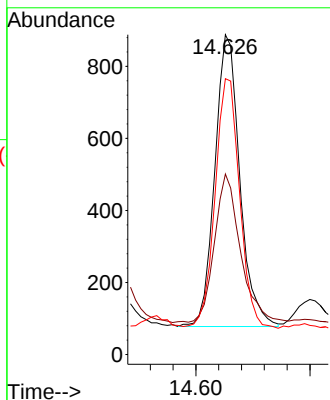
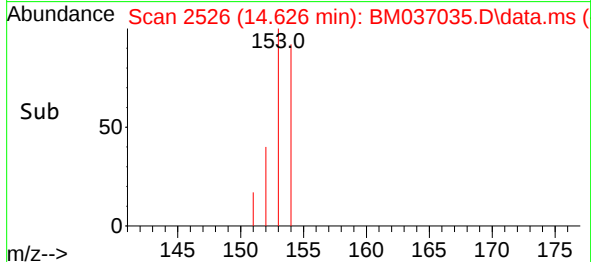
Instrument :
BNA_M
ClientSampleId :
C0BD5



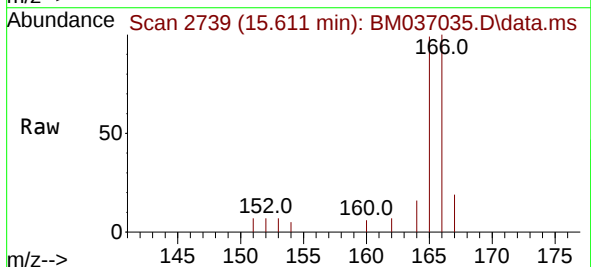
Tgt Ion:153 Resp: 1229
Ion Ratio Lower Upper
153 100
152 56.4 40.2 60.4
154 86.3 69.7 104.5

Manual Integrations
APPROVED

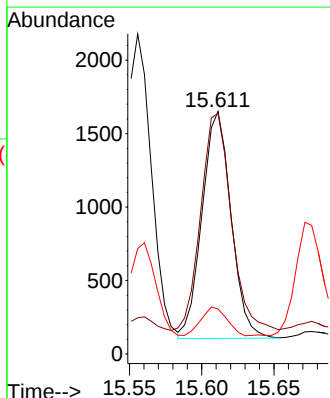
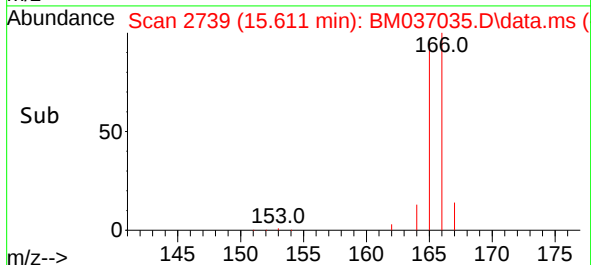
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

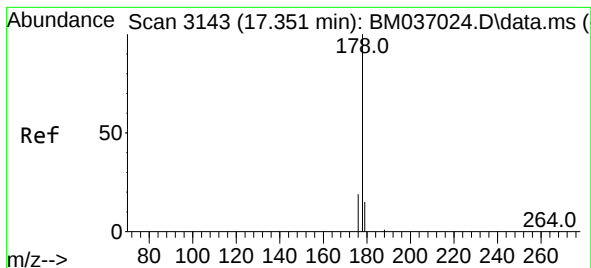


#12
Fluorene
Concen: 0.042 ng/u1
RT: 15.611 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29



Tgt Ion:166 Resp: 2158
Ion Ratio Lower Upper
166 100
165 99.2 78.9 118.3
167 18.5 11.3 16.9#





#15

Phenanthrene

Concen: 0.634 ng/ul

RT: 17.343 min Scan# 3143

Delta R.T. -0.013 min

Lab File: BM037035.D

Acq: 14 Oct 2022 02:29

Instrument :

BNA_M

ClientSampleId :

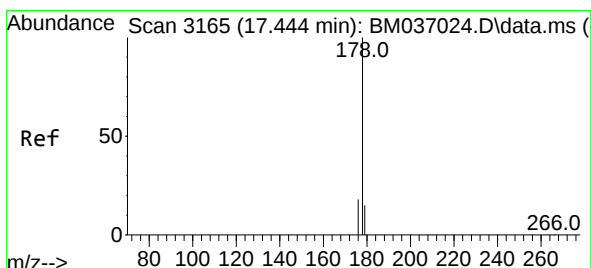
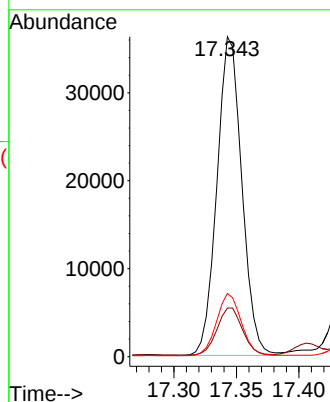
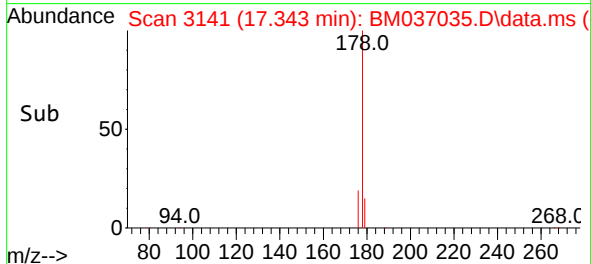
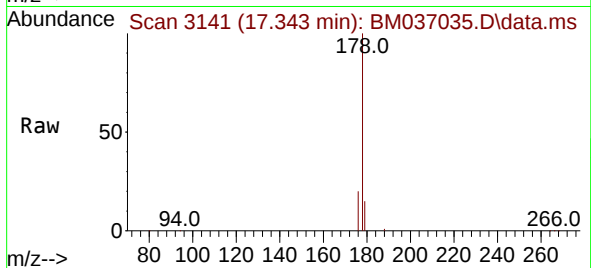
C0BD5

Tgt Ion:178	Resp:	50139
Ion Ratio	Lower	Upper
178	100	
179	15.2	13.0 19.6
176	19.7	15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16

Anthracene

Concen: 0.146 ng/ul

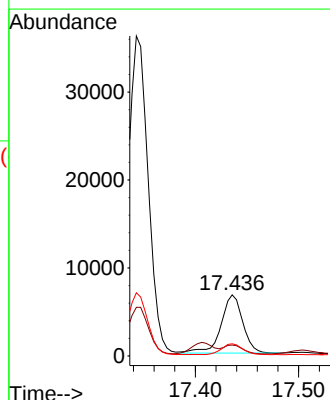
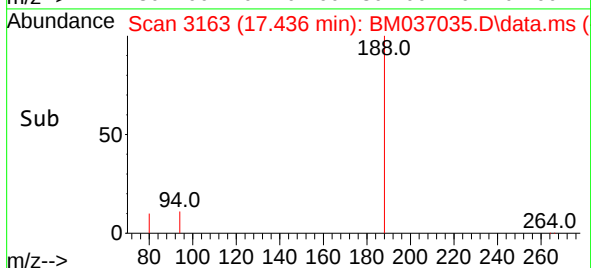
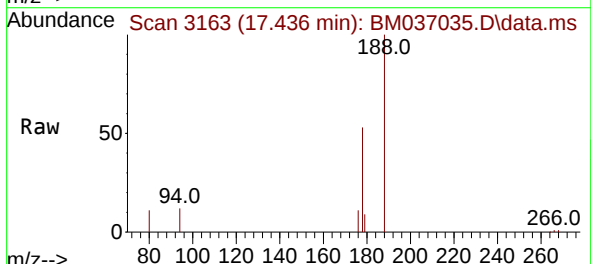
RT: 17.436 min Scan# 3163

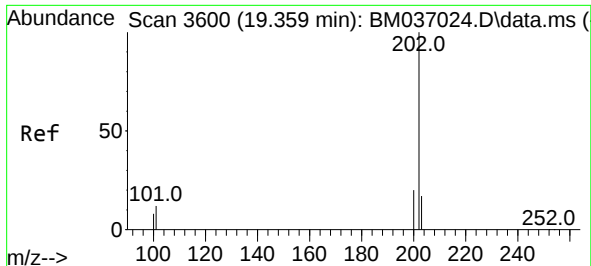
Delta R.T. -0.013 min

Lab File: BM037035.D

Acq: 14 Oct 2022 02:29

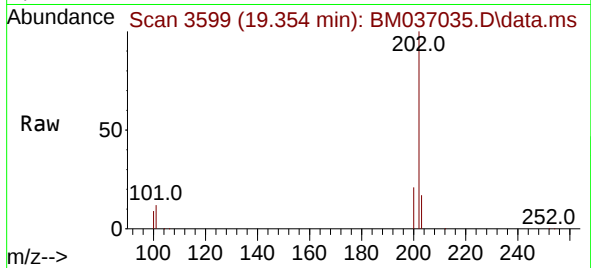
Tgt Ion:178	Resp:	9646
Ion Ratio	Lower	Upper
178	100	
179	17.8	13.6 20.4
176	19.8	15.6 23.4





#19
Fluoranthene
Concen: 1.747 ng/ul
RT: 19.354 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

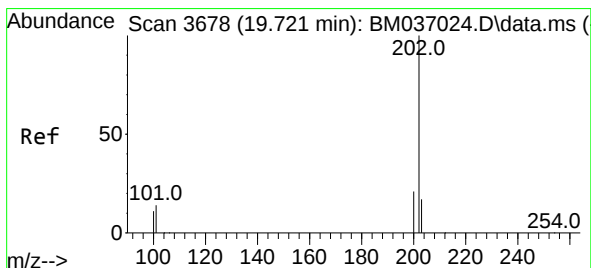
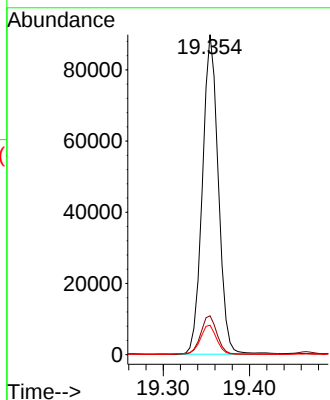
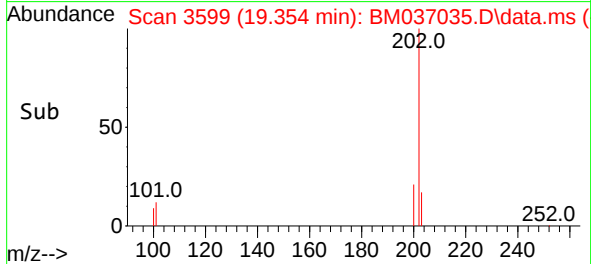
Instrument :
BNA_M
ClientSampleId :
C0BD5



Tgt Ion:202 Resp: 115008
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.2 7.9 11.9

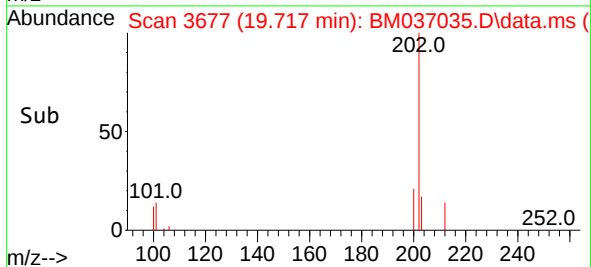
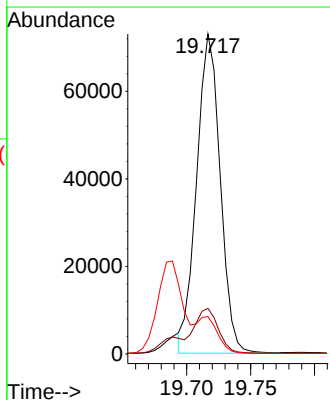
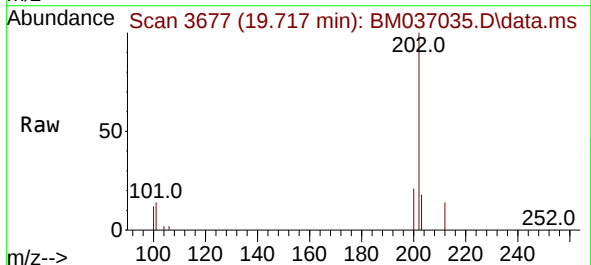
Manual Integrations
APPROVED

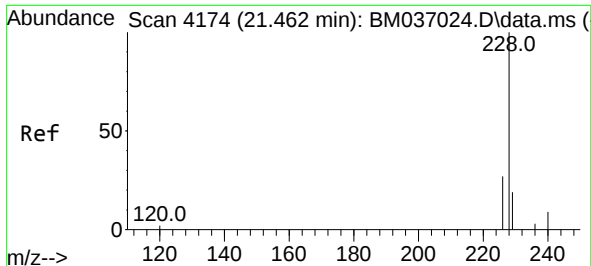
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#20
Pyrene
Concen: 1.361 ng/ul m
RT: 19.717 min Scan# 3677
Delta R.T. -0.009 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

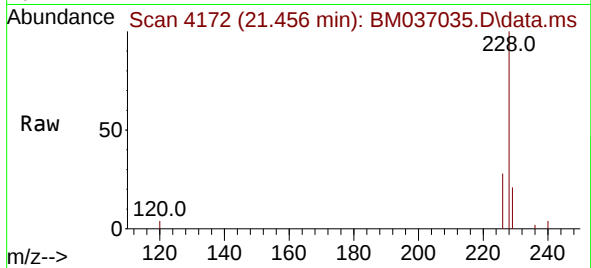
Tgt Ion:202 Resp: 93445
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.691 ng/ul
RT: 21.456 min Scan# 4174
Delta R.T. -0.012 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

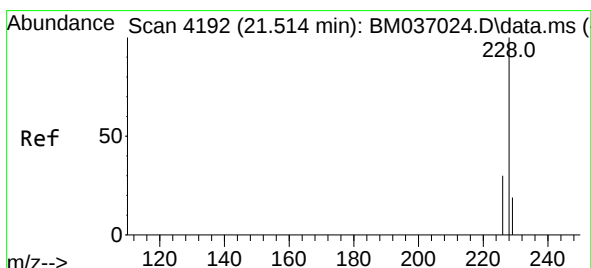
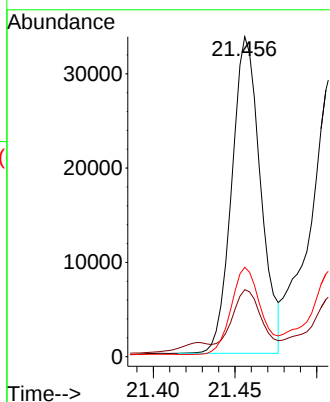
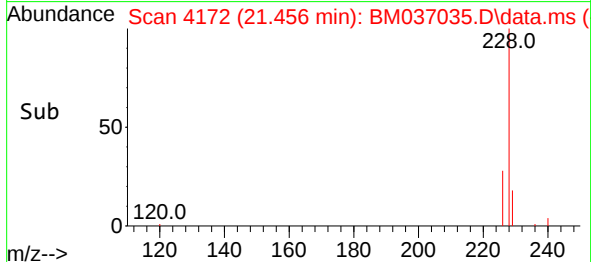
Instrument :
BNA_M
ClientSampleId :
C0BD5



Tgt Ion:228 Resp: 41290
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 27.9 22.5 33.7

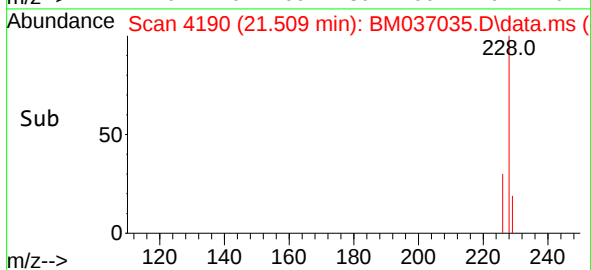
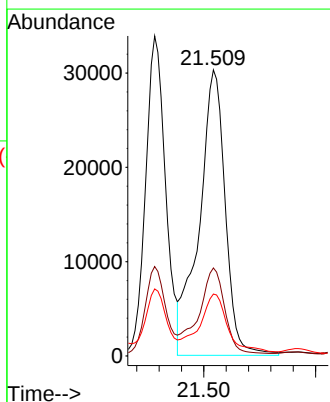
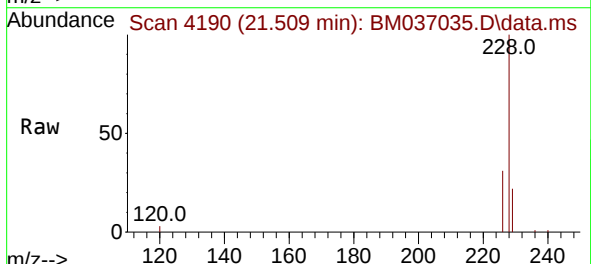
Manual Integrations
APPROVED

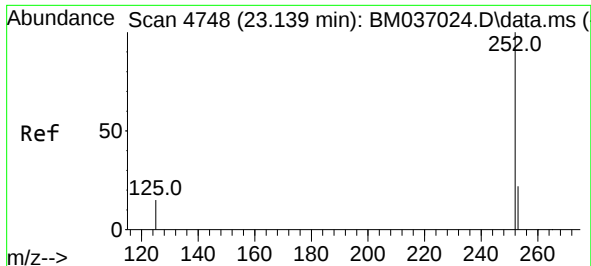
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#22
Chrysene
Concen: 0.768 ng/ul m
RT: 21.509 min Scan# 4190
Delta R.T. -0.012 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

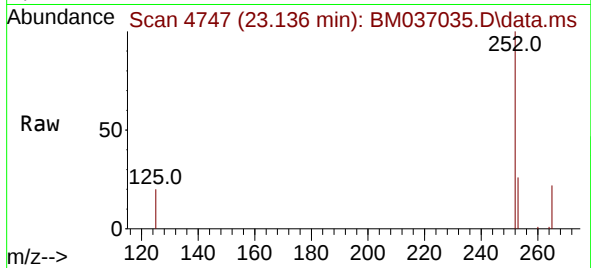
Tgt Ion:228 Resp: 49311
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.889 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

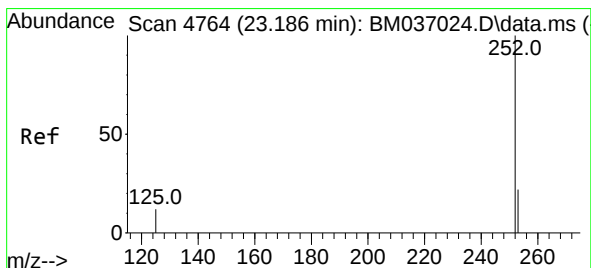
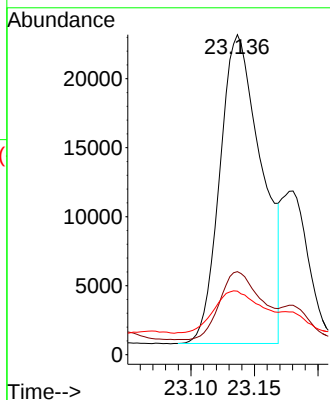
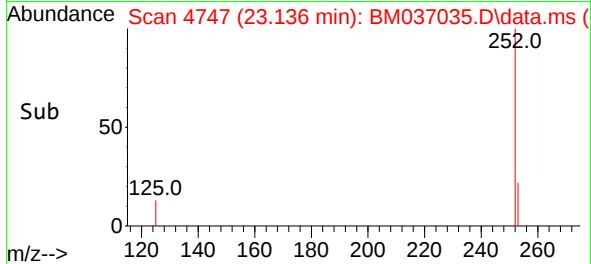
Instrument :
BNA_M
ClientSampleId :
C0BD5



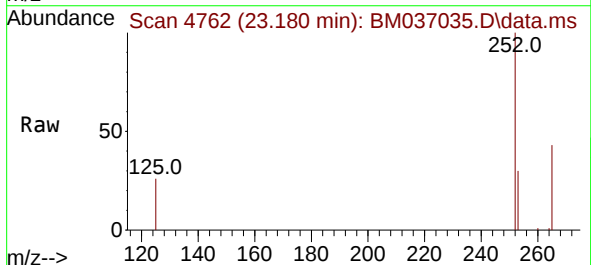
Tgt Ion:252 Resp: 51328
Ion Ratio Lower Upper
252 100
253 26.0 0.0 61.4
125 19.9 0.0 42.6

Manual Integrations
APPROVED

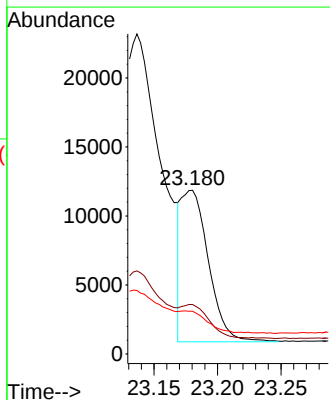
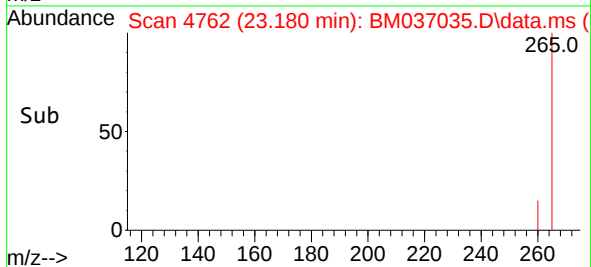
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

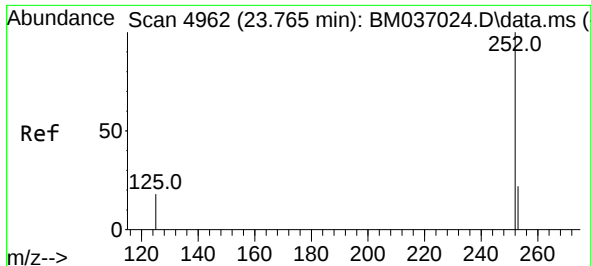


#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.015 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29



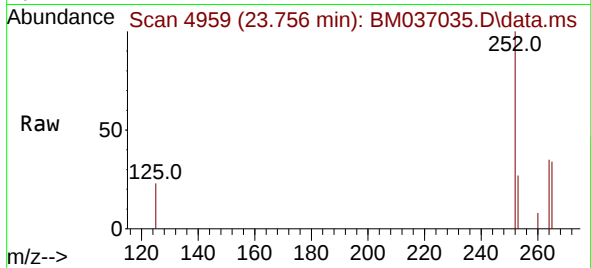
Tgt Ion:252 Resp: 16414
Ion Ratio Lower Upper
252 100
253 30.3 25.2 37.8
125 26.1 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.734 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. -0.015 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

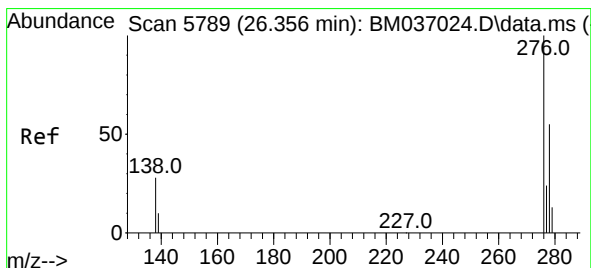
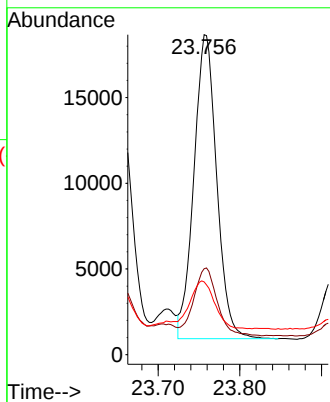
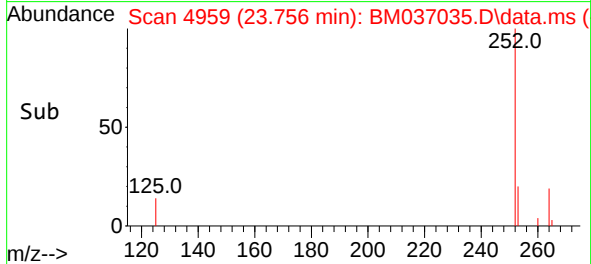
Instrument :
BNA_M
ClientSampleId :
C0BD5



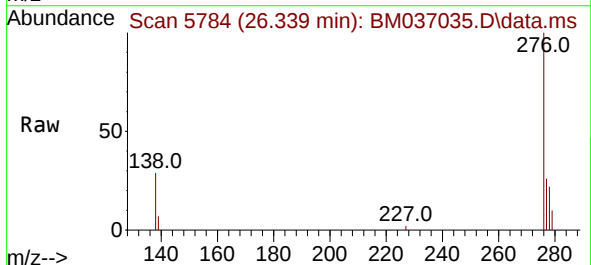
Tgt Ion:252 Resp: 3437
Ion Ratio Lower Upper
252 100
253 26.9 29.7 44.5
125 22.7 23.6 35.4

Manual Integrations
APPROVED

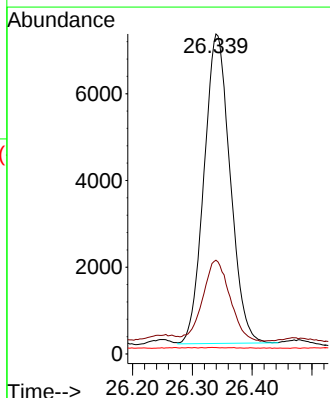
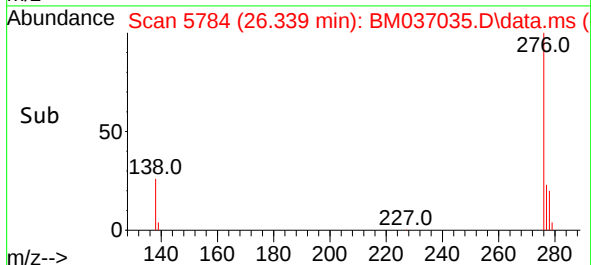
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

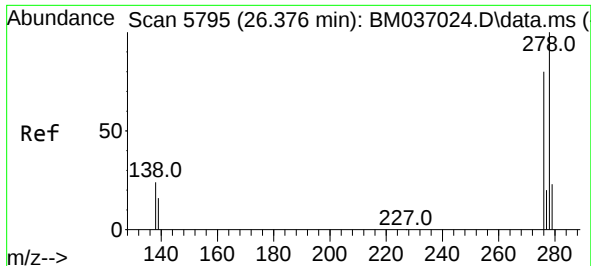


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.023 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29



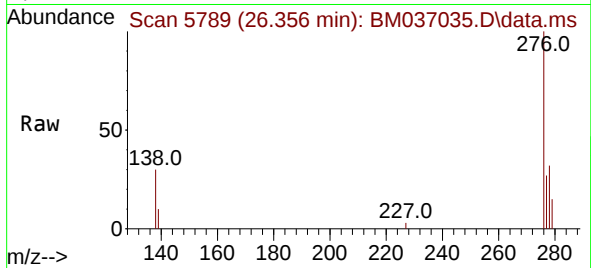
Tgt Ion:276 Resp: 21651
Ion Ratio Lower Upper
276 100
138 27.3 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 26.356 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

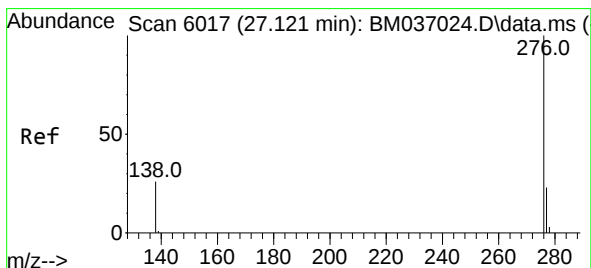
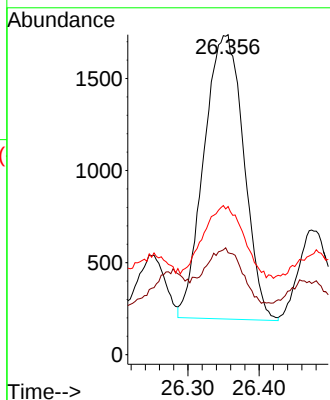
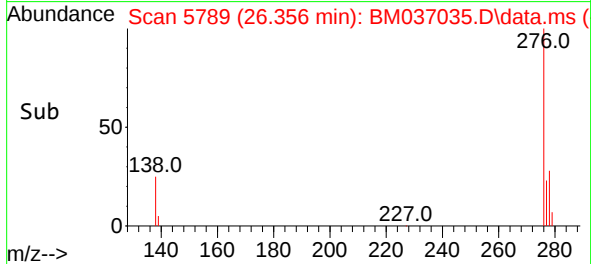
Instrument :
BNA_M
ClientSampleId :
C0BD5



Tgt Ion:278 Resp: 598
Ion Ratio Lower Upper
278 100
139 31.9 19.8 29.6
279 46.3 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.111 min Scan# 6014
Delta R.T. -0.017 min
Lab File: BM037035.D
Acq: 14 Oct 2022 02:29

Tgt Ion:276 Resp: 20597
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 25.8 21.0 31.4

