

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037182.D
 Acq On : 22 Oct 2022 00:48
 Operator : CG/JU
 Sample : N5064-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 03:36:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	5949	0.400	ng/u1	0.00
4) Naphthalene-d8	10.699	136	18505	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.529	164	11454	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.271	188	24457	0.400	ng/u1	0.00
17) Chrysene-d12	21.453	240	21756	0.400	ng/u1	# 0.00
23) Perylene-d12	23.824	264	23302	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	28482	3.927	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7089	0.269	ng/u1	0.00
18) Fluoranthene-d10	19.299	212	19650	0.299	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	101629	1.854	ng/u1	99
7) 2-Methylnaphthalene	12.360	142	65839	2.006	ng/u1	98
8) 1-Methylnaphthalene	12.580	142	58141	1.735	ng/u1	99
10) Acenaphthylene	14.251	152	470913	9.569	ng/u1	99
11) Acenaphthene	14.594	153	52917	1.190	ng/u1	97
12) Fluorene	15.579	166	140159	2.695	ng/u1	98
14) Pentachlorophenol	16.925	266	294	0.050	ng/u1	93
15) Phenanthrene	17.318	178	4976478	60.275	ng/u1	99
16) Anthracene	17.406	178	899329	13.753	ng/u1	99
19) Fluoranthene	19.336	202	11445522	121.102	ng/u1	95
20) Pyrene	19.698	202	10344090	107.960	ng/u1#	93
21) Benzo(a)anthracene	21.439	228	5458478	64.650	ng/u1	92
22) Chrysene	21.491	228	5537661	57.003	ng/u1#	93
24) Benzo(b)fluoranthene	23.110	252	5775316	46.790	ng/u1	94
25) Benzo(k)fluoranthene	23.148	252	2418798m	20.278	ng/u1	
26) Benzo(a)pyrene	23.727	252	4320558	43.595	ng/u1#	87
27) Indeno(1,2,3-cd)pyrene	26.289	276	2718012	19.636	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.293	278	673487	6.165	ng/u1	98
29) Benzo(g,h,i)perylene	27.047	276	2328097	19.121	ng/u1	97

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

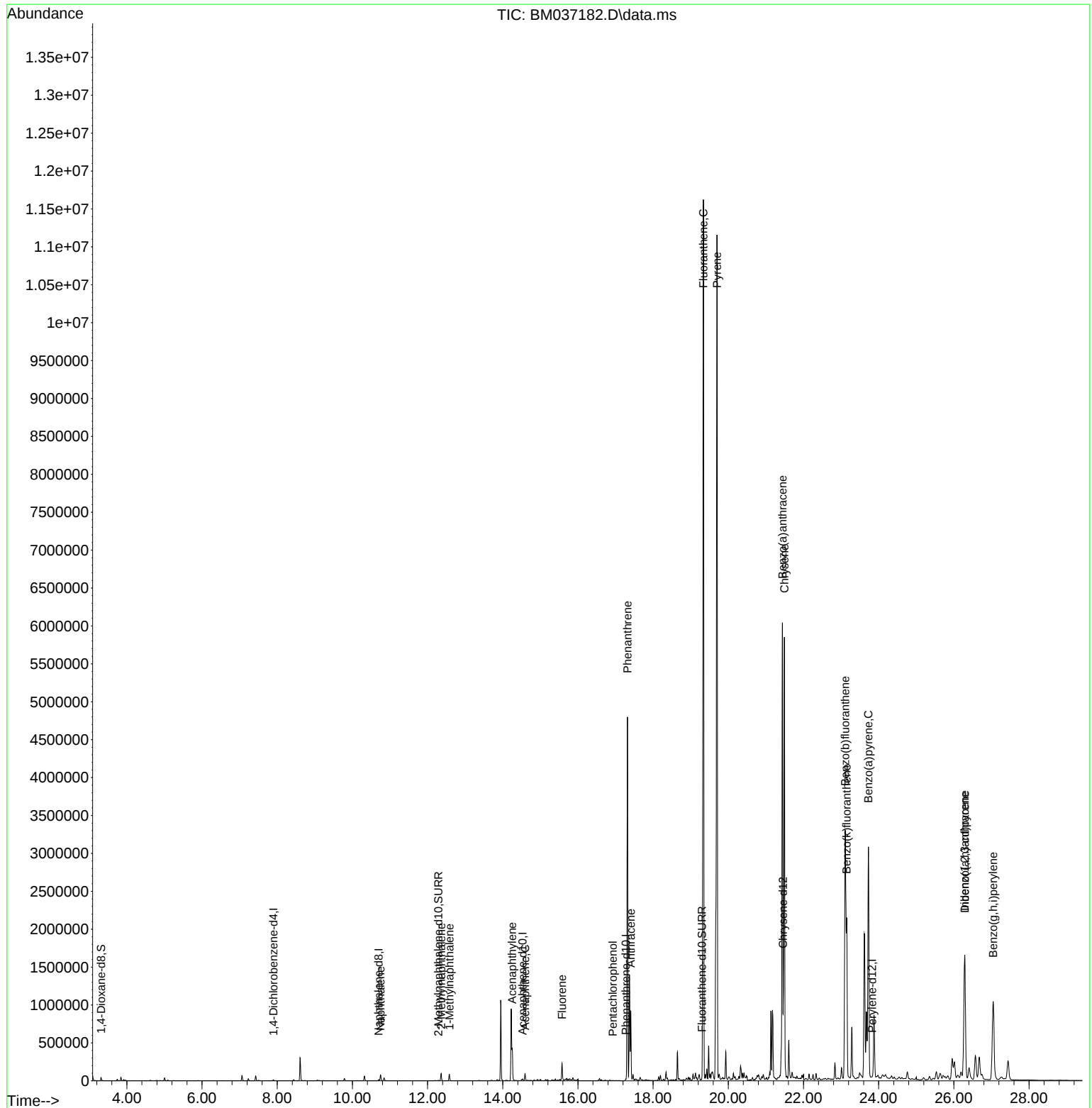
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037182.D
Acq On : 22 Oct 2022 00:48
Operator : CG/JU
Sample : N5064-09
Misc :
ALS Vial : 54 Sample Multiplier: 1

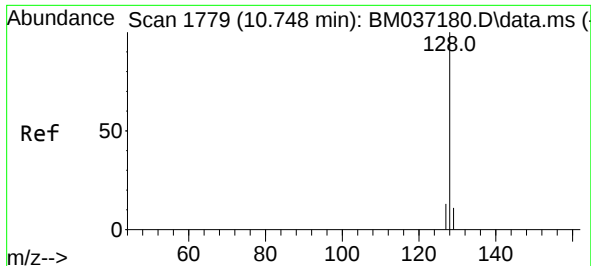
Instrument :
BNA_M
ClientSampleId :
C0BP5

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

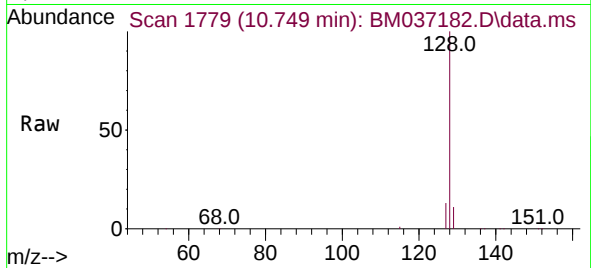
Quant Time: Oct 22 03:36:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.854 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

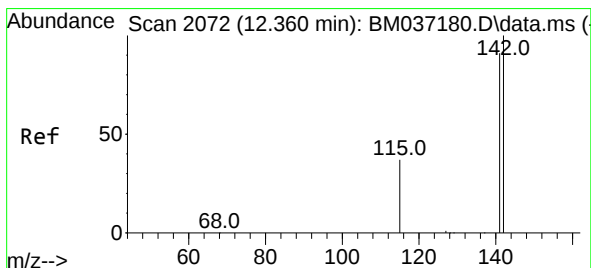
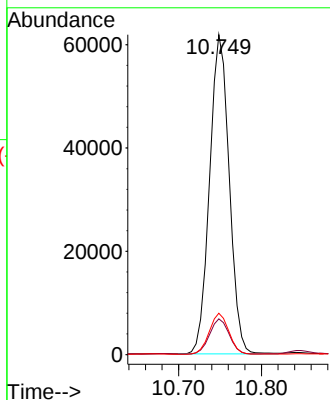
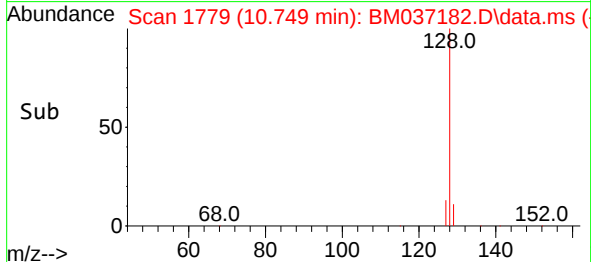
Instrument :
BNA_M
ClientSampleId :
C0BP5



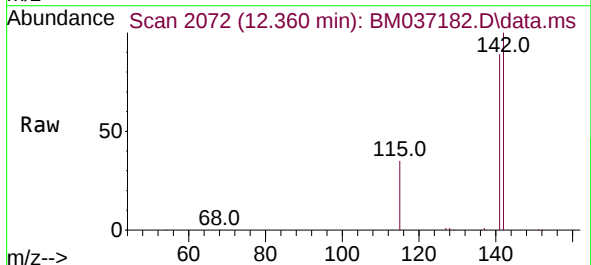
Tgt Ion:128 Resp: 101629
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 10.5 15.7

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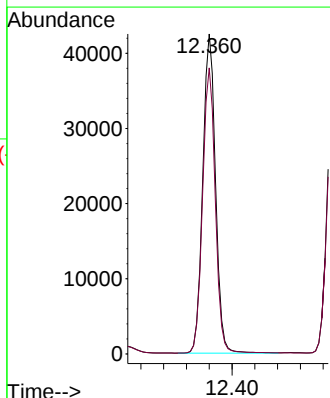
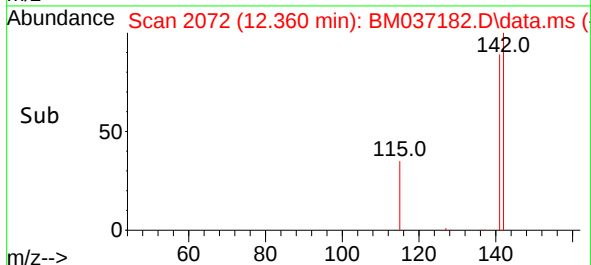
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

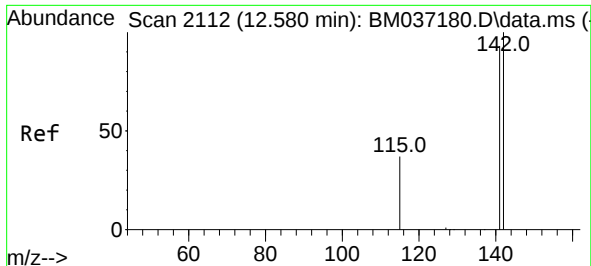


#7
2-Methylnaphthalene
Concen: 2.006 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48



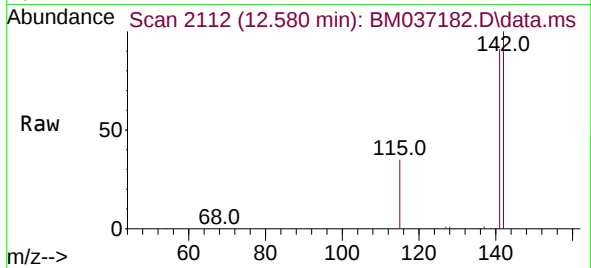
Tgt Ion:142 Resp: 65839
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2





#8
1-Methylnaphthalene
Concen: 1.735 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

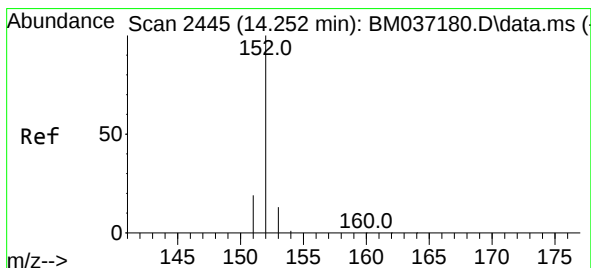
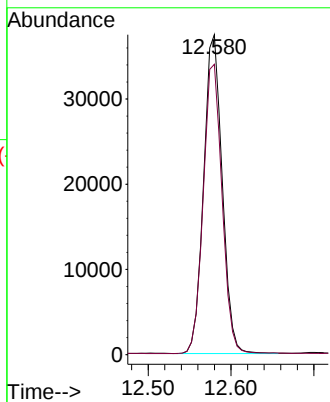
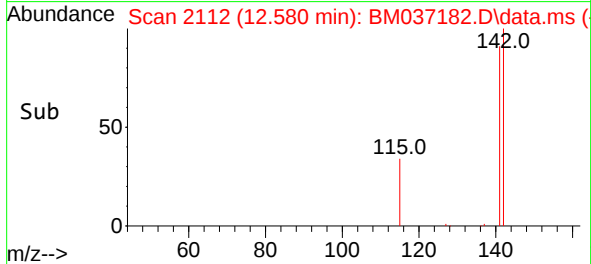
Instrument :
BNA_M
ClientSampleId :
C0BP5



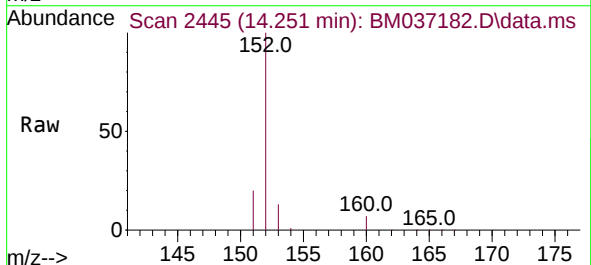
Tgt Ion:142 Resp: 5814
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4

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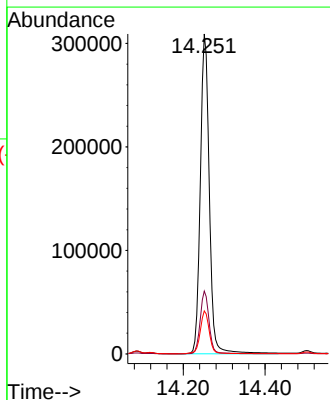
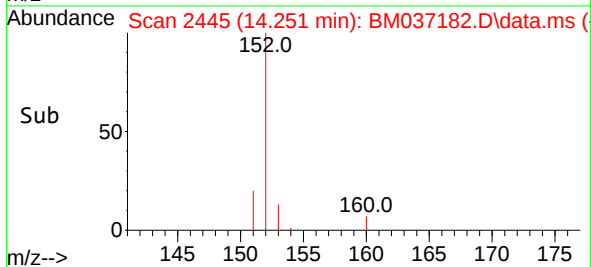
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

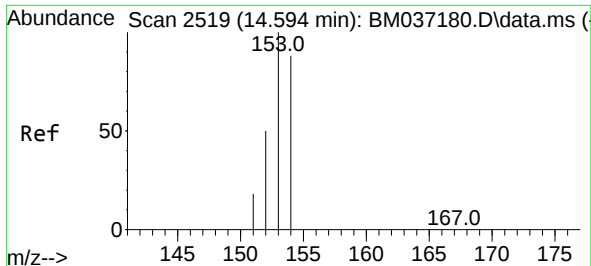


#10
Acenaphthylene
Concen: 9.569 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48



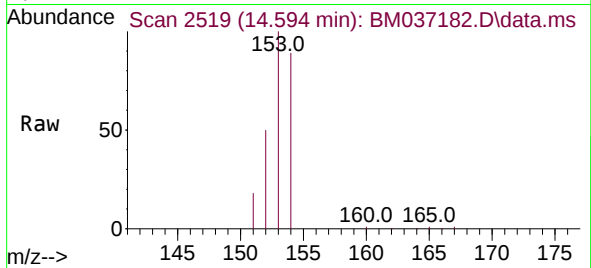
Tgt Ion:152 Resp: 470913
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.4 10.8 16.2





#11
Acenaphthene
Concen: 1.190 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

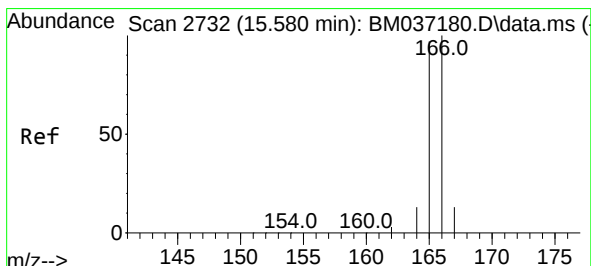
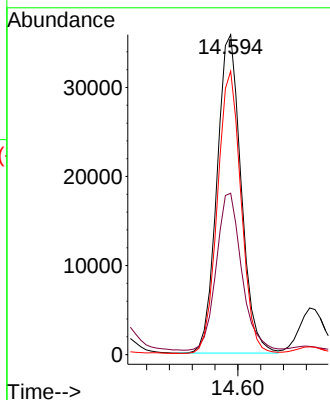
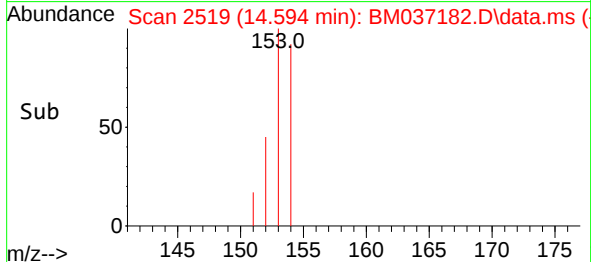
Instrument :
BNA_M
ClientSampleId :
C0BP5



Tgt Ion:153 Resp: 52917
Ion Ratio Lower Upper
153 100
152 50.4 43.3 64.9
154 88.6 70.0 105.0

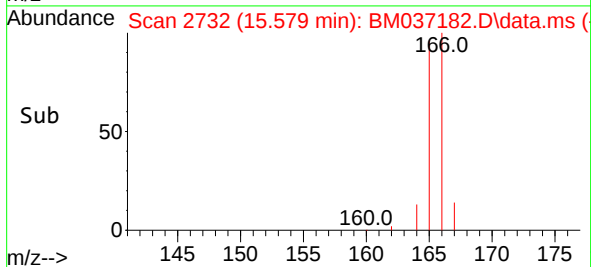
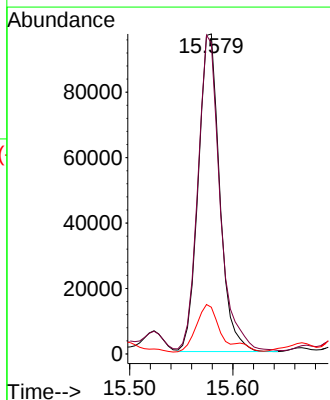
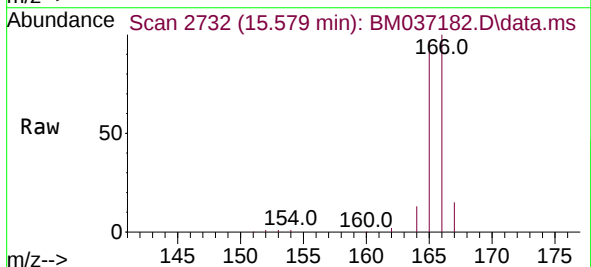
Manual Integrations
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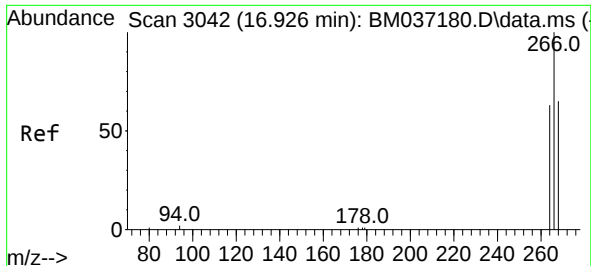
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 2.695 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.001 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

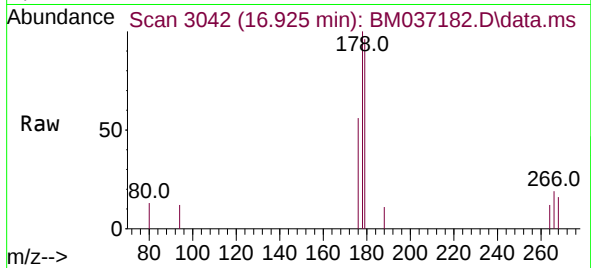
Tgt Ion:166 Resp: 140159
Ion Ratio Lower Upper
166 100
165 97.1 79.4 119.2
167 14.6 11.3 16.9





#14
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 16.925 min Scan# 3042
Delta R.T. -0.001 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

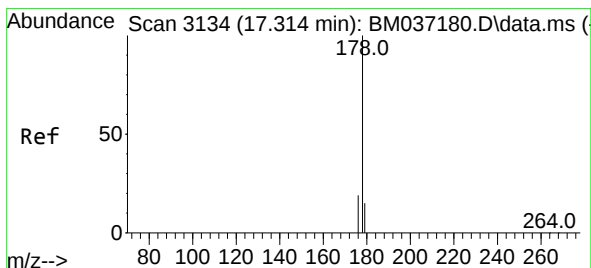
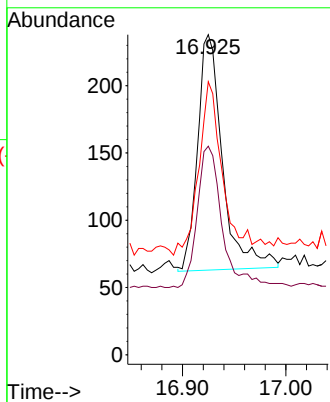
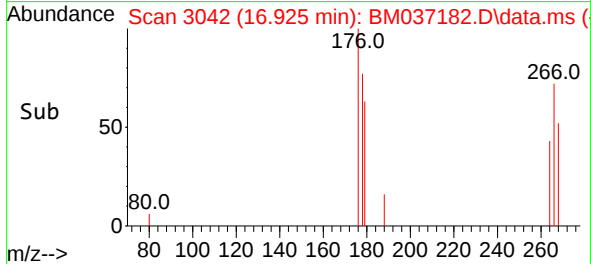
Instrument :
BNA_M
ClientSampleId :
C0BP5



Tgt Ion:266 Resp: 294
Ion Ratio Lower Upper
266 100
264 60.5 49.4 74.0
268 73.5 50.5 75.7

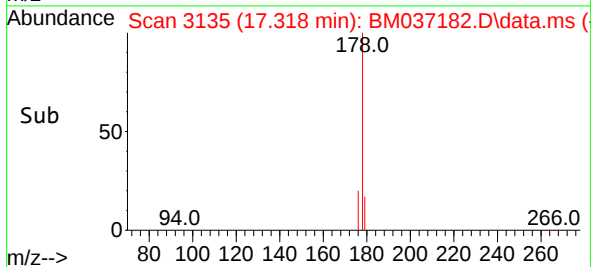
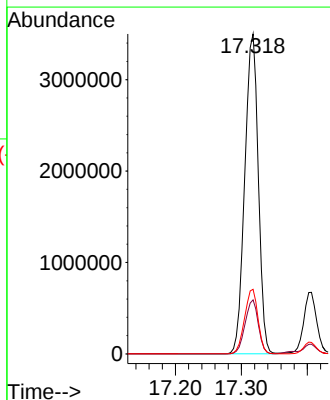
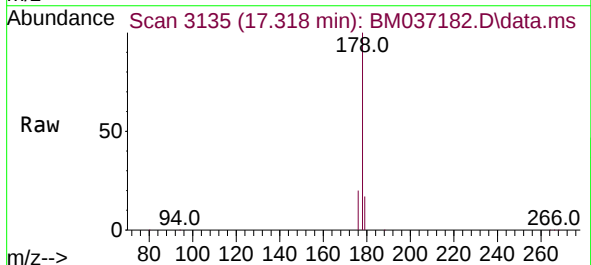
Manual Integrations
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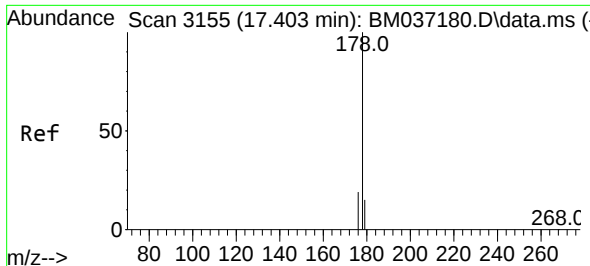
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 60.275 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

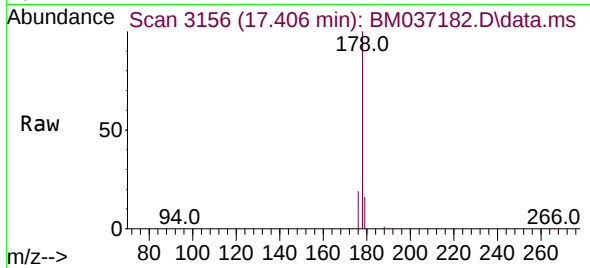
Tgt Ion:178 Resp: 4976478
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 20.2 16.1 24.1





#16
 Anthracene
 Concen: 13.753 ng/ul
 RT: 17.406 min Scan# 3155
 Delta R.T. 0.003 min
 Lab File: BM037182.D
 Acq: 22 Oct 2022 00:48

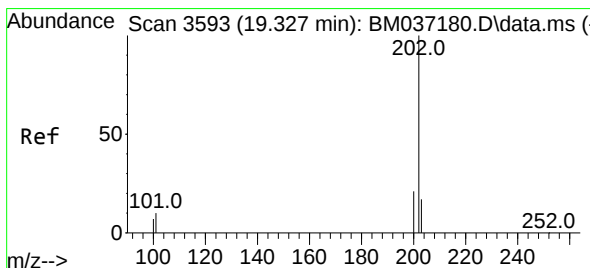
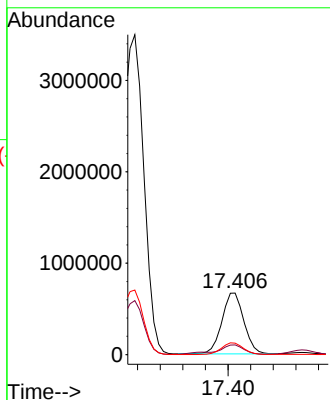
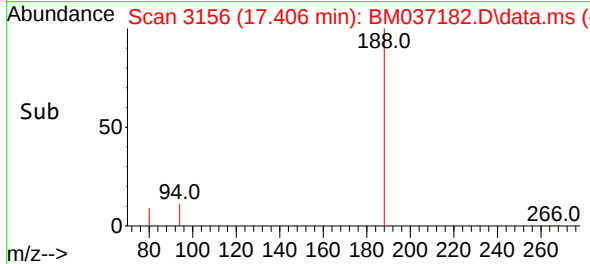
Instrument :
 BNA_M
 ClientSampleId :
 C0BP5



Tgt Ion:178 Resp: 899329
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.1 19.7
 176 18.7 15.3 22.9

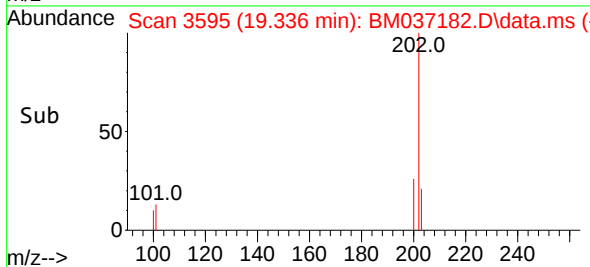
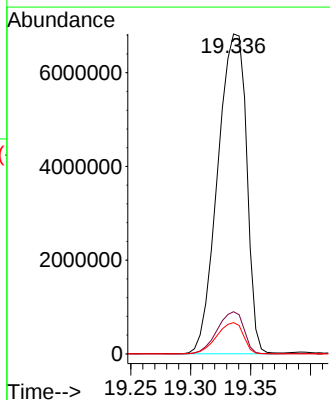
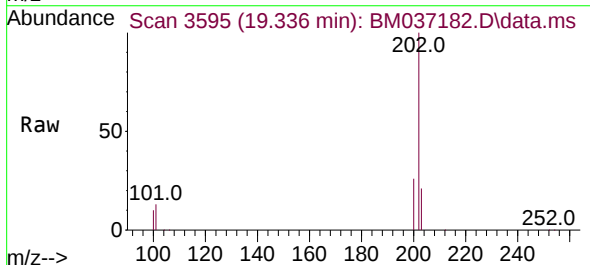
Manual Integrations
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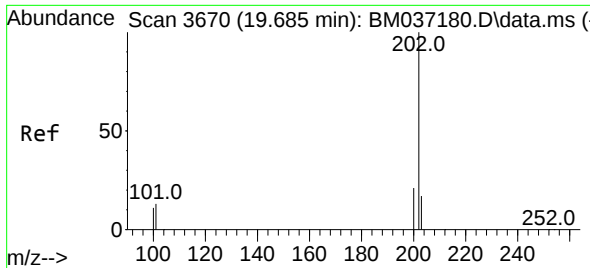
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#19
 Fluoranthene
 Concen: 121.102 ng/ul
 RT: 19.336 min Scan# 3595
 Delta R.T. 0.009 min
 Lab File: BM037182.D
 Acq: 22 Oct 2022 00:48

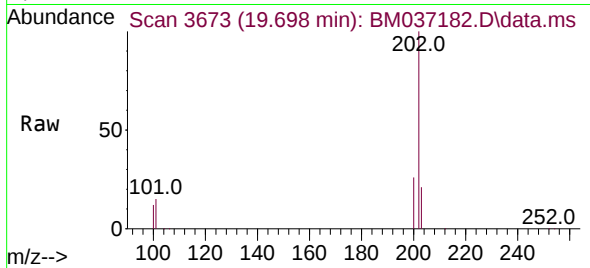
Tgt Ion:202 Resp:11445522
 Ion Ratio Lower Upper
 202 100
 101 13.2 8.9 13.3
 100 9.8 6.9 10.3





#20
Pyrene
Concen: 107.960 ng/ul
RT: 19.698 min Scan# 3673
Delta R.T. 0.013 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

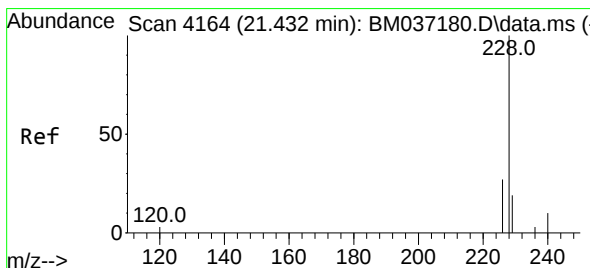
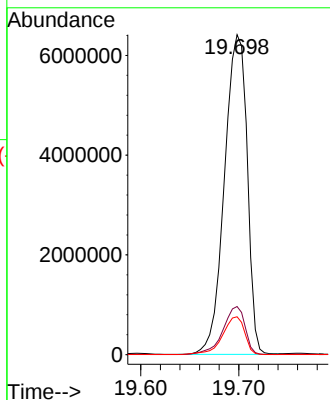
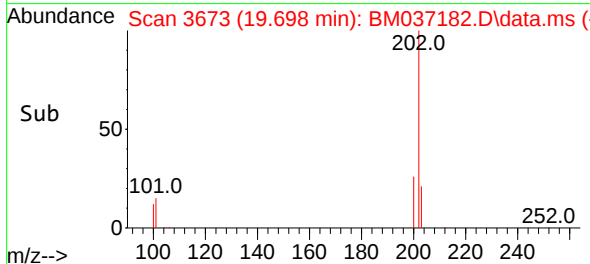
Instrument :
BNA_M
ClientSampleId :
C0BP5



Tgt Ion:202 Resp:10344090
Ion Ratio Lower Upper
202 100
101 15.0 9.7 14.5
100 11.8 7.8 11.8

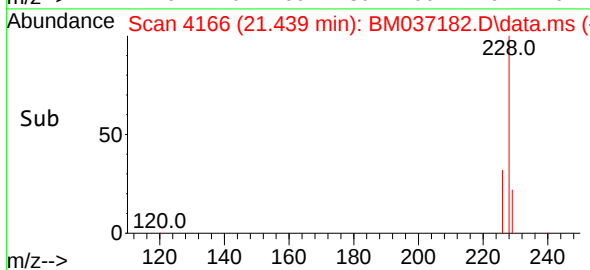
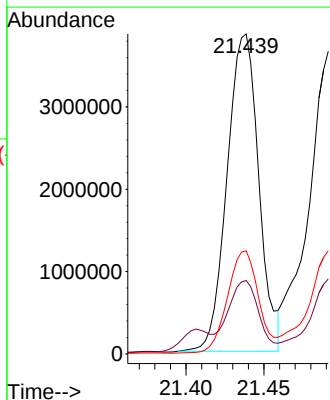
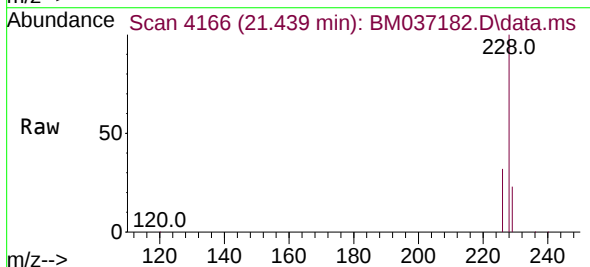
Manual Integrations
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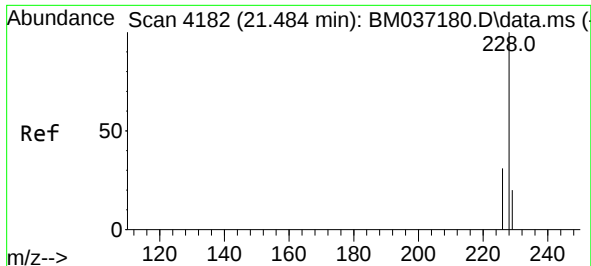
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#21
Benzo(a)anthracene
Concen: 64.650 ng/ul
RT: 21.439 min Scan# 4166
Delta R.T. 0.007 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

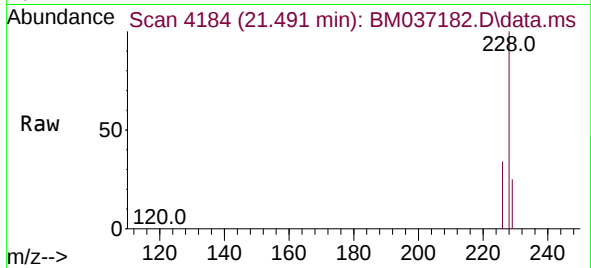
Tgt Ion:228 Resp: 5458478
Ion Ratio Lower Upper
228 100
229 22.9 15.8 23.6
226 32.2 21.8 32.8





#22
Chrysene
Concen: 57.003 ng/ul
RT: 21.491 min Scan# 4184
Delta R.T. 0.007 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

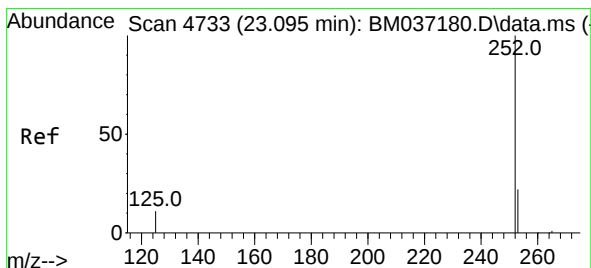
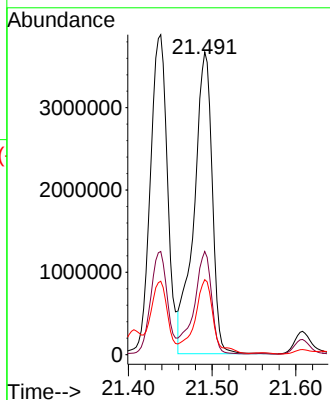
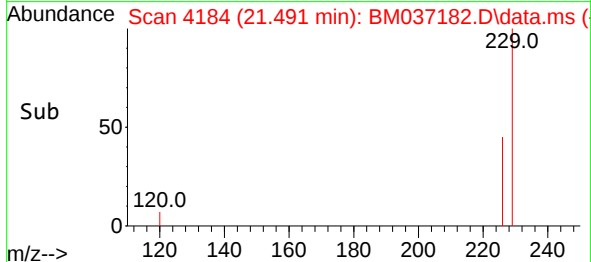
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ClientSampleId :
C0BP5



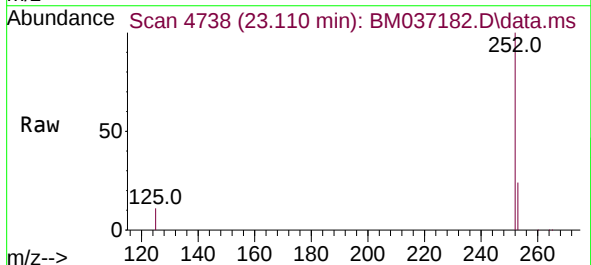
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Ion Ratio Lower Upper
228 100
226 34.1 24.8 37.2
229 24.8 16.0 24.0

Manual Integrations
APPROVED

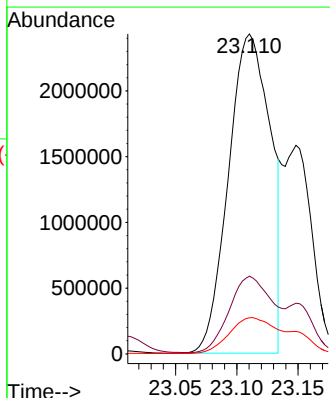
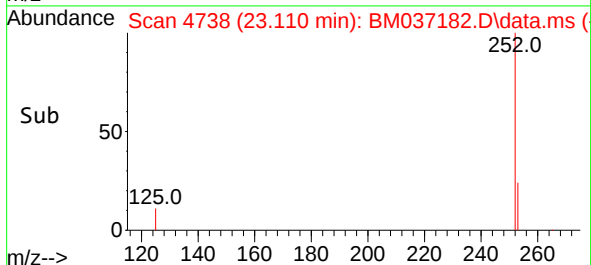
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

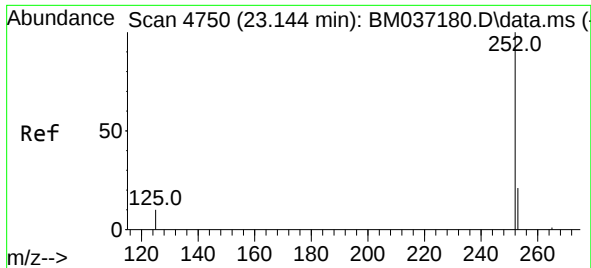


#24
Benzo(b)fluoranthene
Concen: 46.790 ng/ul
RT: 23.110 min Scan# 4738
Delta R.T. 0.016 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48



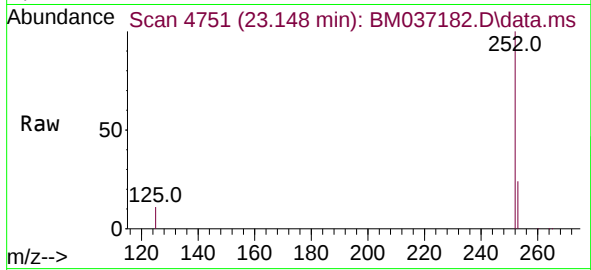
Tgt Ion:252 Resp: 5775316
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.6
125 11.3 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 20.278 ng/ul m
RT: 23.148 min Scan# 4750
Delta R.T. 0.004 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

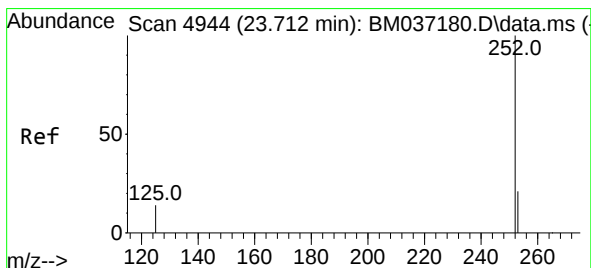
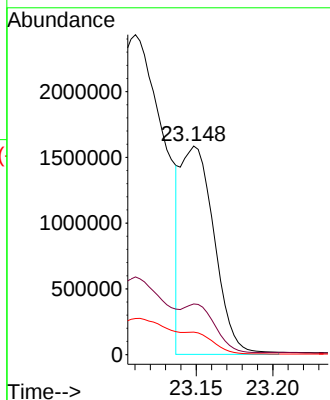
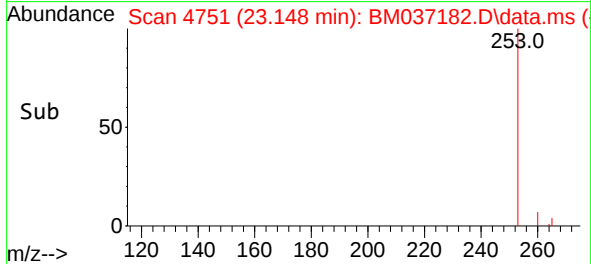
Instrument :
BNA_M
ClientSampleId :
C0BP5



Tgt Ion:252 Resp: 2418798
Ion Ratio Lower Upper
252 100
253 24.3 20.6 30.8
125 10.8 13.3 19.9

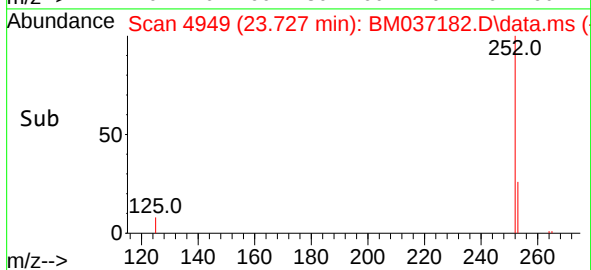
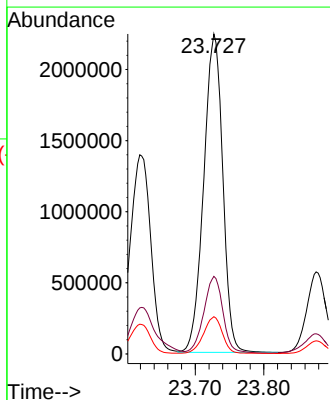
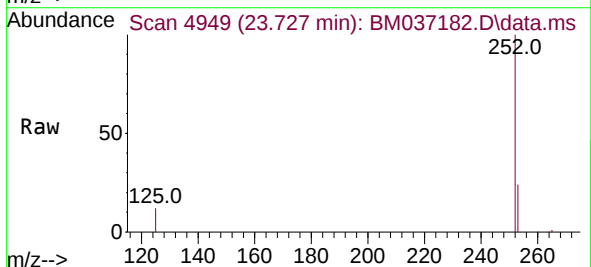
Manual Integrations
APPROVED

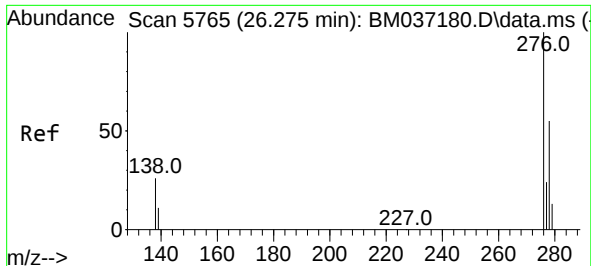
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#26
Benzo(a)pyrene
Concen: 43.595 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. 0.016 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

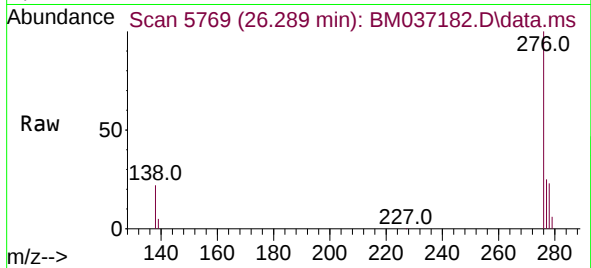
Tgt Ion:252 Resp: 4320558
Ion Ratio Lower Upper
252 100
253 24.2 22.1 33.1
125 11.6 17.6 26.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 19.636 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. 0.014 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

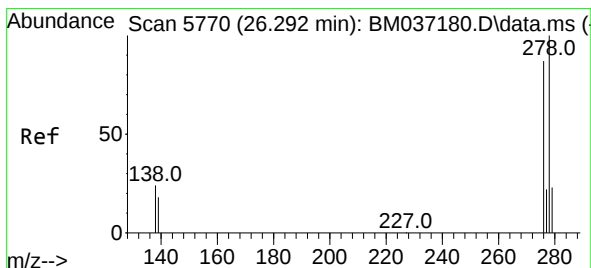
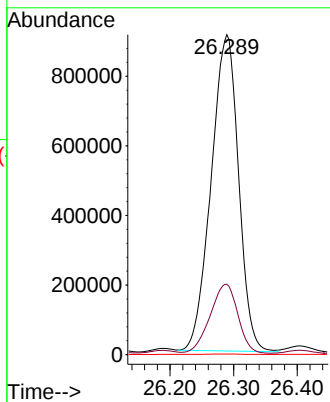
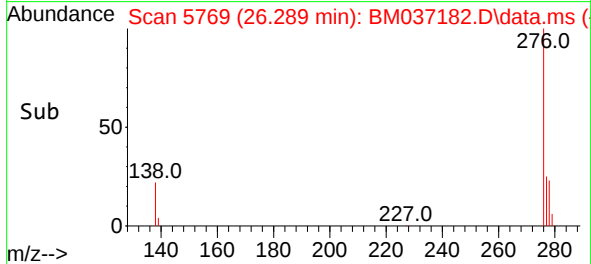
Instrument :
BNA_M
ClientSampleId :
C0BP5



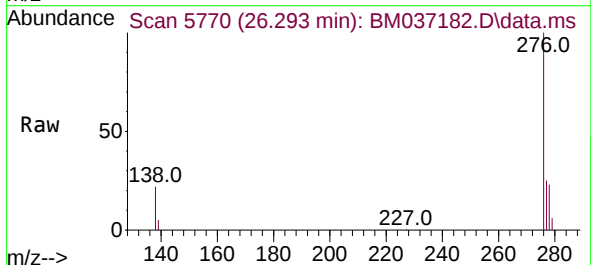
Tgt Ion: 276 Resp: 2718012
Ion Ratio Lower Upper
276 100
138 22.2 21.4 32.0
227 0.2 0.1 0.1

Manual Integrations
APPROVED

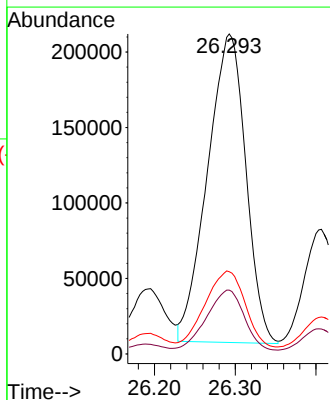
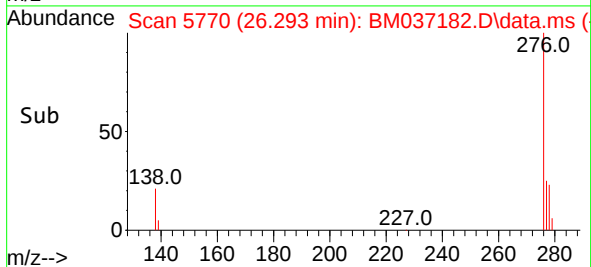
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

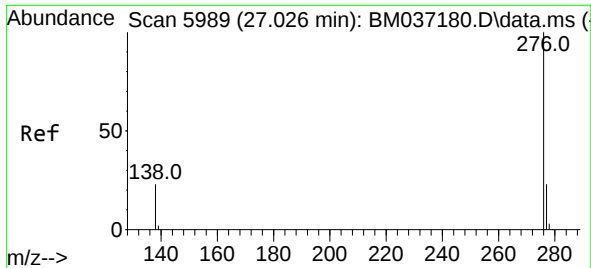


#28
Dibenzo(a,h)anthracene
Concen: 6.165 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. 0.001 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48



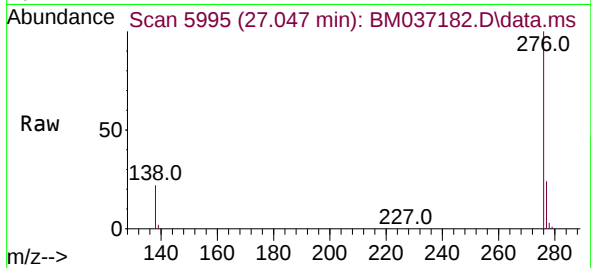
Tgt Ion: 278 Resp: 673487
Ion Ratio Lower Upper
278 100
139 19.9 16.3 24.5
279 25.7 21.5 32.3





#29
Benzo(g,h,i)perylene
Concen: 19.121 ng/ul
RT: 27.047 min Scan# 5995
Delta R.T. 0.021 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Instrument :
BNA_M
ClientSampleId :
C0BP5



Tgt Ion:276 Resp: 2328097
Ion Ratio Lower Upper
276 100
138 22.3 19.8 29.8
277 24.3 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

