

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035737.D
 Acq On : 28 Jun 2022 23:08
 Operator : CG/JU
 Sample : PB145716BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS716

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 04:28:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 04:24:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	1479m	0.400	ng/ul	0.05
4) Naphthalene-d8	10.622	136	5900	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.432	164	3296m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	6188m	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	6276	0.400	ng/ul	# 0.00
23) Perylene-d12	23.698	264	6128	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1709	0.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	2946	0.319	ng/ul	0.02
18) Fluoranthene-d10	19.215	212	6183	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	4428m	2.231	ng/ul	
5) Naphthalene	10.666	128	5629	0.312	ng/ul	95
7) 2-Methylnaphthalene	12.294	142	3077	0.272	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	3392	0.317	ng/ul	99
10) Acenaphthylene	14.163	152	5379	0.311	ng/ul	96
11) Acenaphthene	14.496	153	3976	0.299	ng/ul	98
12) Fluorene	15.505	166	4344	0.283	ng/ul	99
14) Pentachlorophenol	16.887	266	885	0.906	ng/ul	98
15) Phenanthrene	17.233	178	6640	0.296	ng/ul	96
16) Anthracene	17.343	178	5425	0.291	ng/ul	95
19) Fluoranthene	19.247	202	8274	0.263	ng/ul	99
20) Pyrene	19.610	202	9457	0.268	ng/ul	99
21) Benzo(a)anthracene	21.360	228	7174m	0.330	ng/ul	
22) Chrysene	21.409	228	9384	0.336	ng/ul	98
24) Benzo(b)fluoranthene	22.990	252	9436	0.359	ng/ul	89
25) Benzo(k)fluoranthene	23.037	252	9411	0.351	ng/ul#	89
26) Benzo(a)pyrene	23.599	252	9942	0.370	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.108	276	12212	0.418	ng/ul	100
28) Dibenzo(a,h)anthracene	26.118	278	9864	0.426	ng/ul#	89
29) Benzo(g,h,i)perylene	26.839	276	11339	0.420	ng/ul	93

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

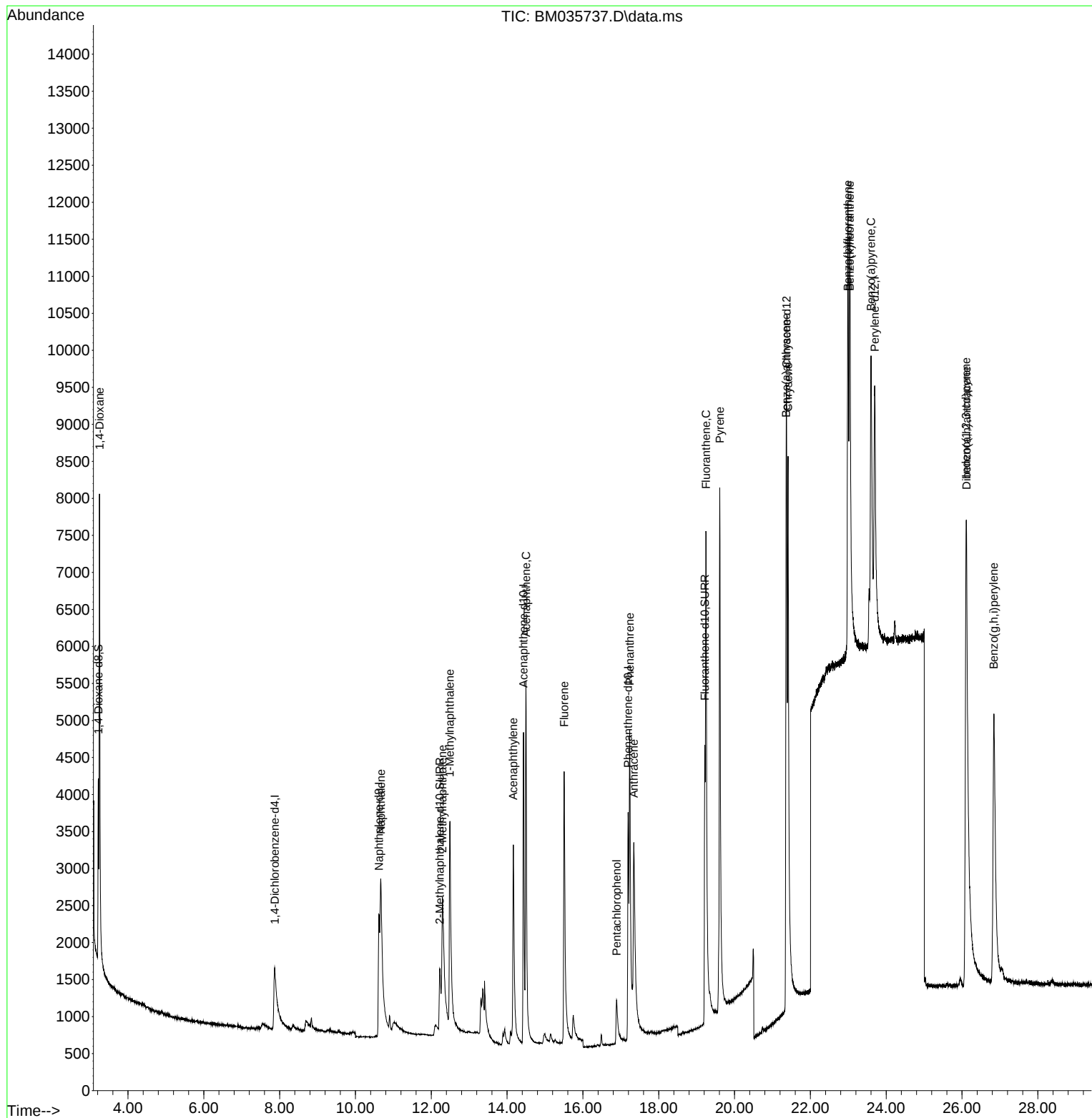
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Data File : BM035737.D
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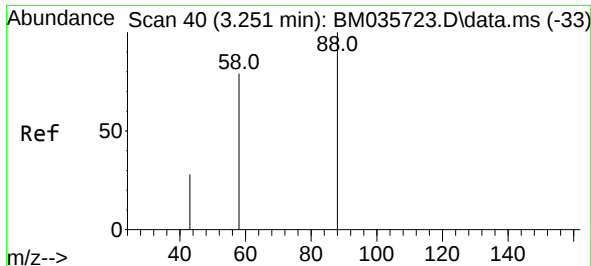
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
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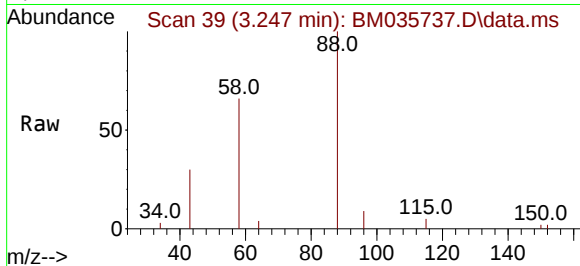
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022





#2
1,4-Dioxane
Concen: 2.231 ng/ul m
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

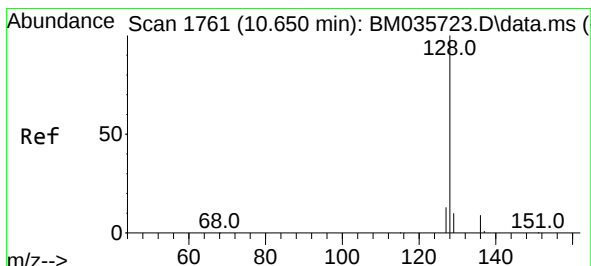
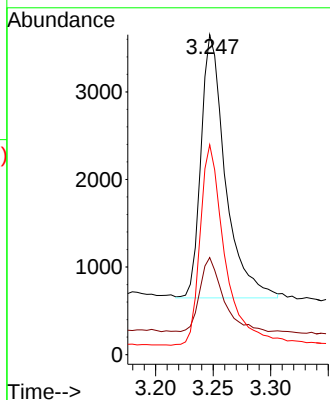
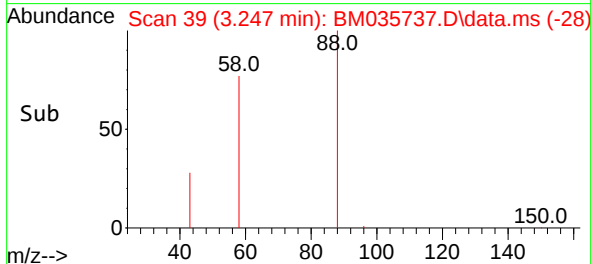
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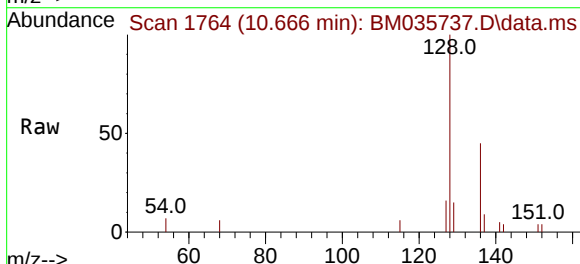
Tgt Ion: 88 Resp: 4428
Ion Ratio Lower Upper
88 100
43 30.4 37.8 56.6
58 65.6 42.6 63.8

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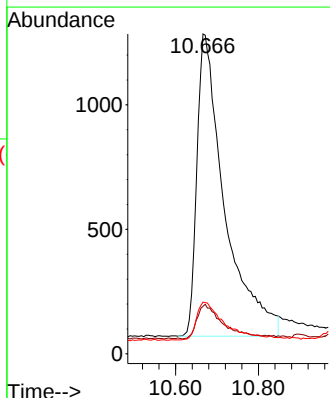
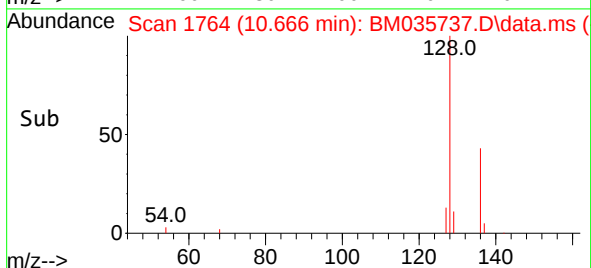
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

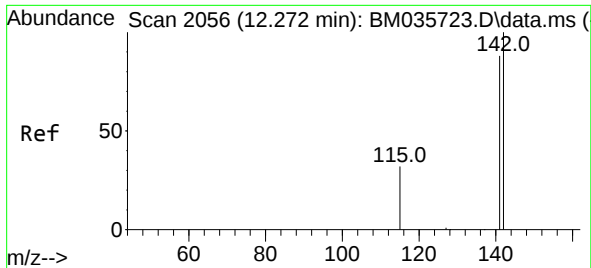


#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.666 min Scan# 1764
Delta R.T. 0.017 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08



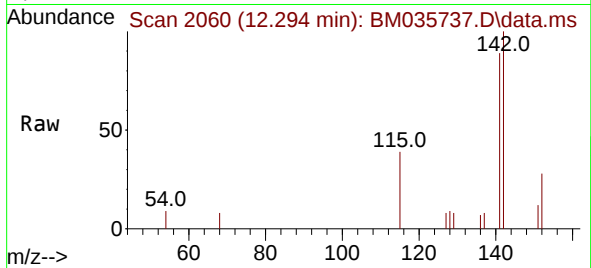
Tgt Ion:128 Resp: 5629
Ion Ratio Lower Upper
128 100
129 14.9 10.2 15.2
127 16.2 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.294 min Scan# 2056
Delta R.T. 0.022 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

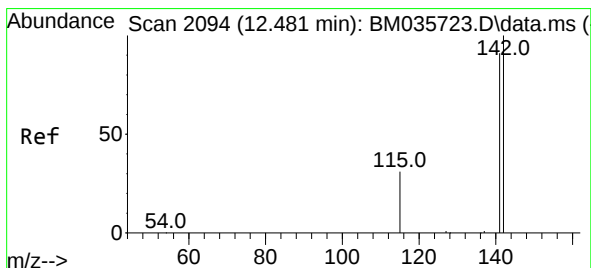
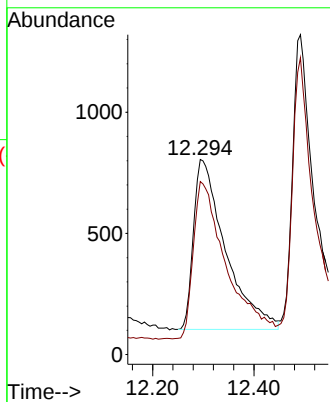
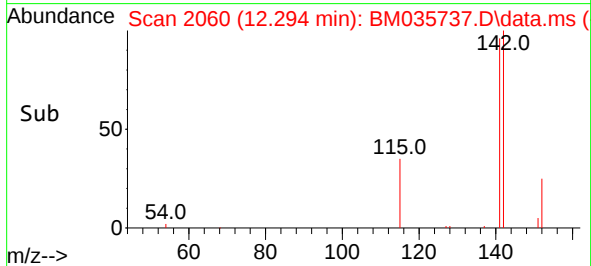
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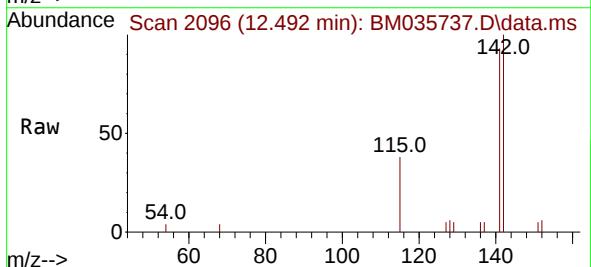
Tgt Ion:142 Resp: 3072
Ion Ratio Lower Upper
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141 97.8 77.4 116.0

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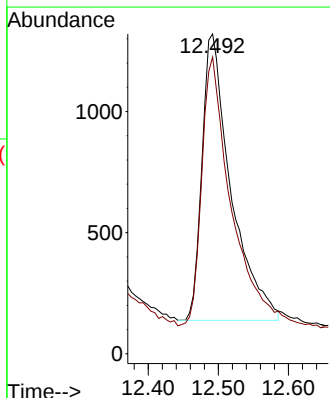
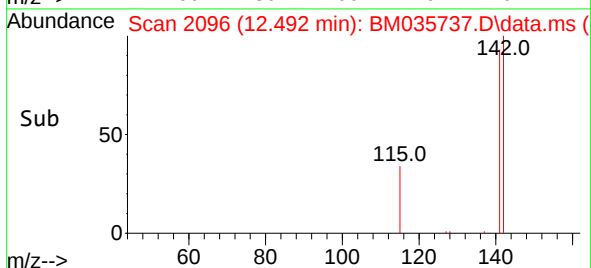
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

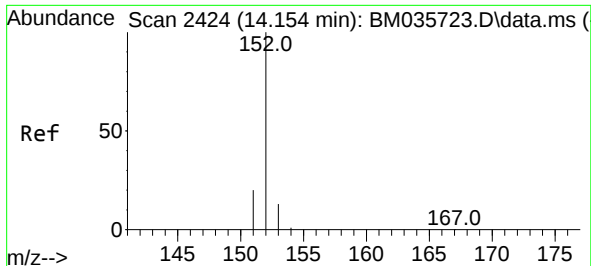


#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. 0.011 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08



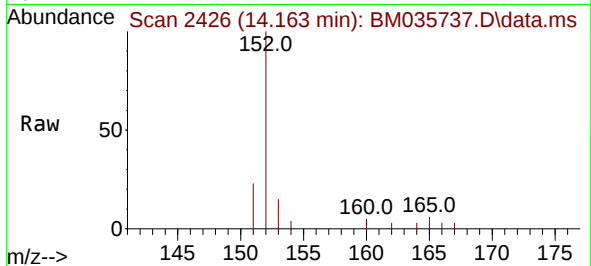
Tgt Ion:142 Resp: 3392
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.311 ng/u1
RT: 14.163 min Scan# 2426
Delta R.T. 0.009 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

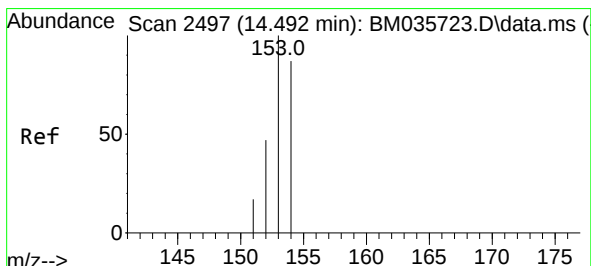
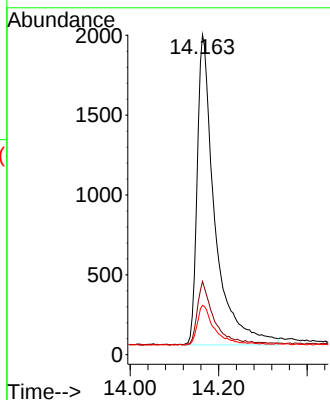
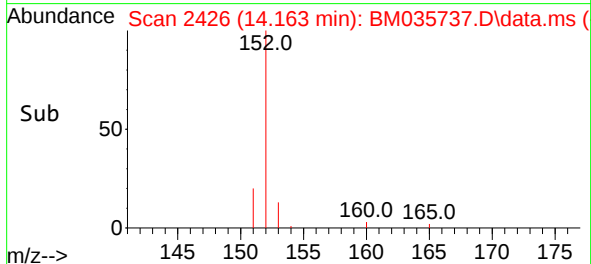
Instrument :
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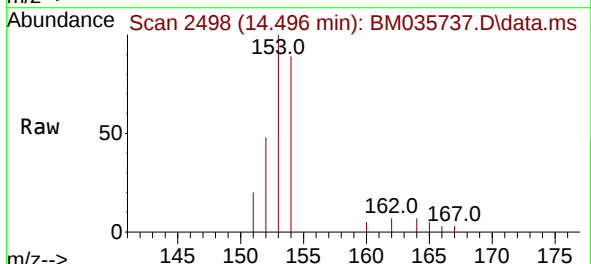
Tgt Ion:152 Resp: 5379
Ion Ratio Lower Upper
152 100
151 22.9 16.6 24.8
153 15.4 11.4 17.0

Manual Integrations
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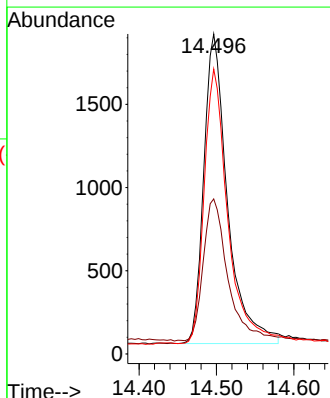
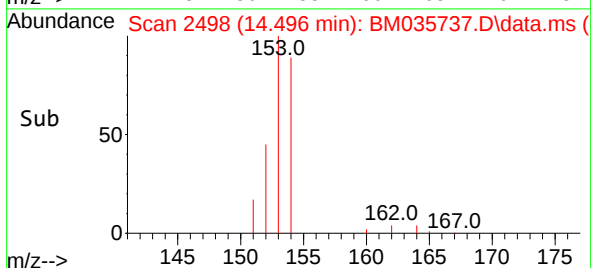
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

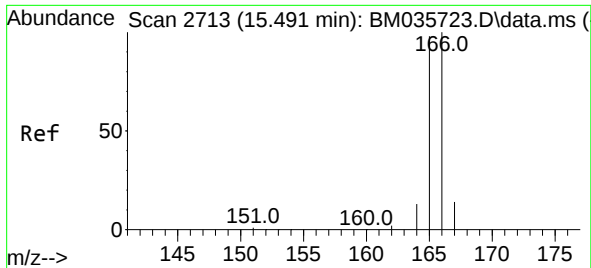


#11
Acenaphthene
Concen: 0.299 ng/u1
RT: 14.496 min Scan# 2498
Delta R.T. 0.005 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08



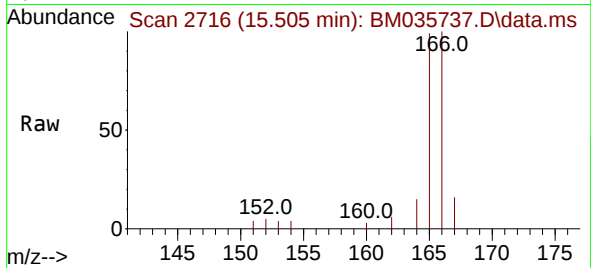
Tgt Ion:153 Resp: 3976
Ion Ratio Lower Upper
153 100
152 48.5 40.2 60.4
154 89.0 69.7 104.5





#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.505 min Scan# 2716
Delta R.T. 0.014 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

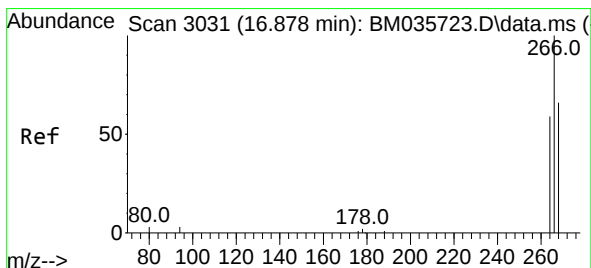
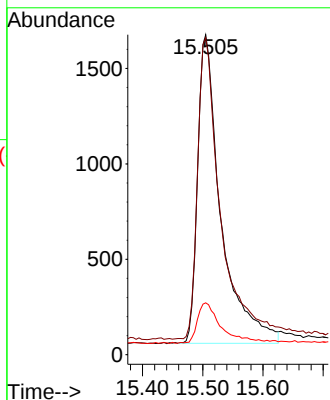
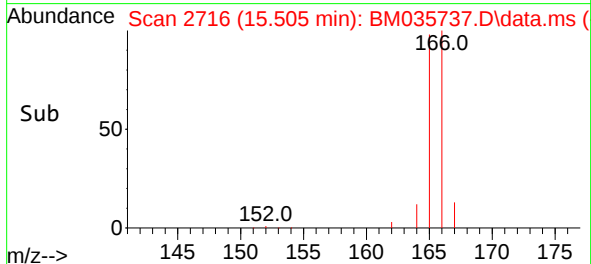
Instrument :
BNA_M
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SLCS716



Tgt Ion:166 Resp: 434
Ion Ratio Lower Upper
166 100
165 99.0 78.9 118.3
167 16.2 11.3 16.9

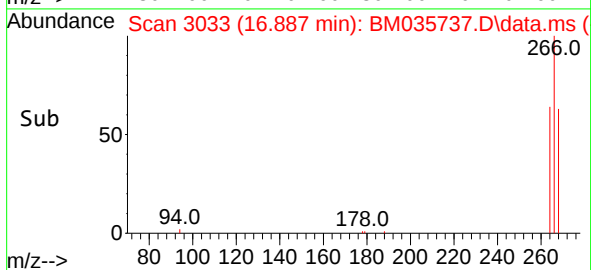
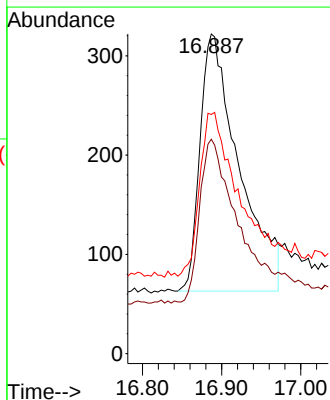
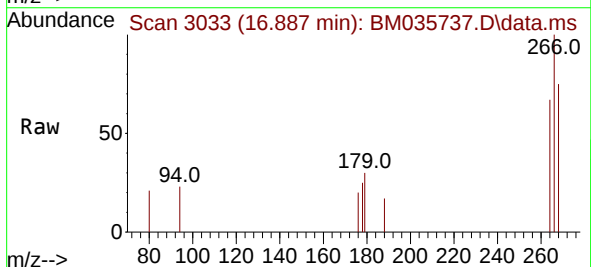
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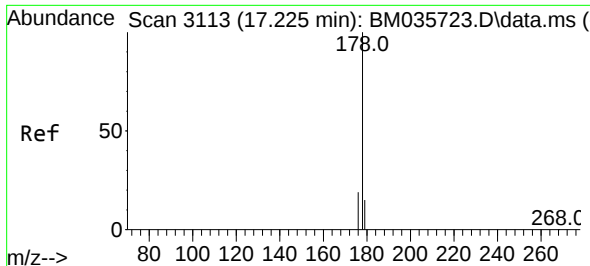
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#14
Pentachlorophenol
Concen: 0.906 ng/ul
RT: 16.887 min Scan# 3033
Delta R.T. 0.008 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

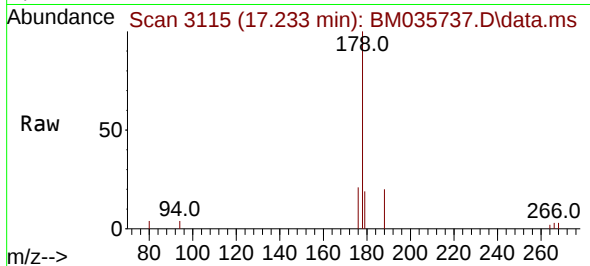
Tgt Ion:266 Resp: 885
Ion Ratio Lower Upper
266 100
264 61.7 50.3 75.5
268 64.3 53.5 80.3





#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. 0.008 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

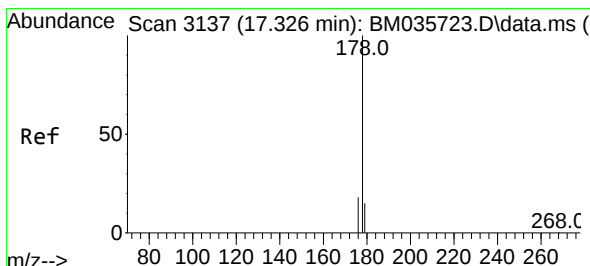
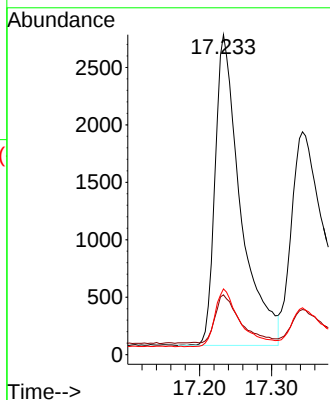
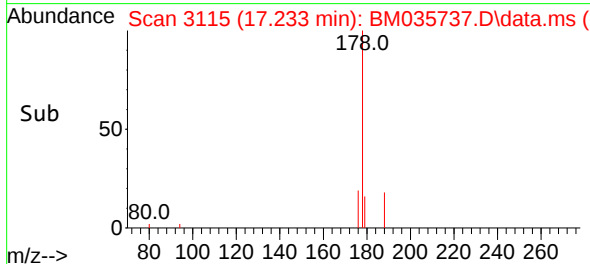
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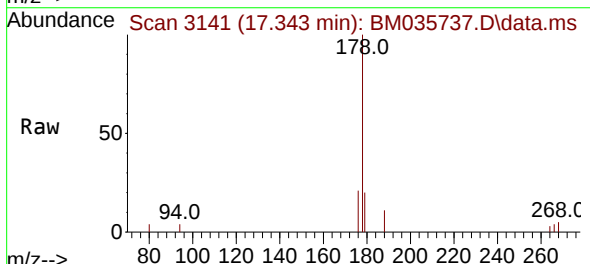
Tgt Ion:178 Resp: 6640
Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.6
176 20.5 15.6 23.4

Manual Integrations
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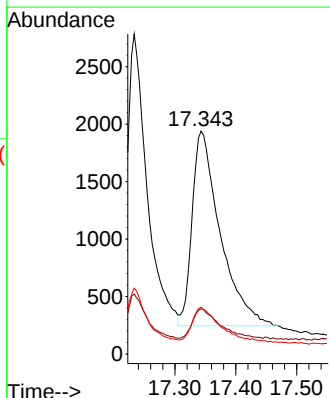
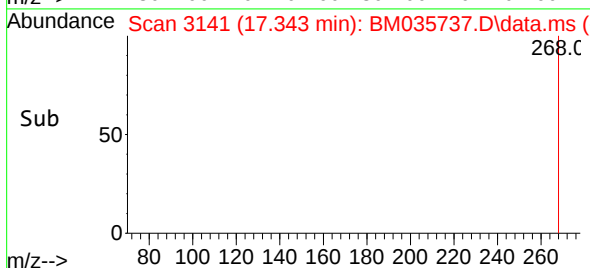
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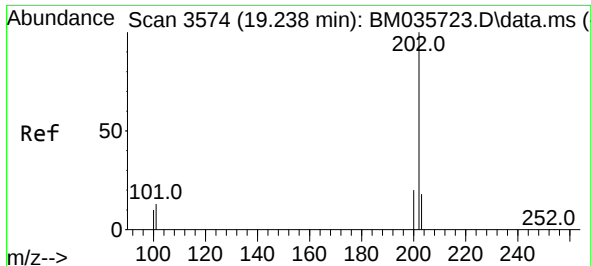


#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.017 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08



Tgt Ion:178 Resp: 5425
Ion Ratio Lower Upper
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179 20.2 13.6 20.4
176 21.0 15.6 23.4





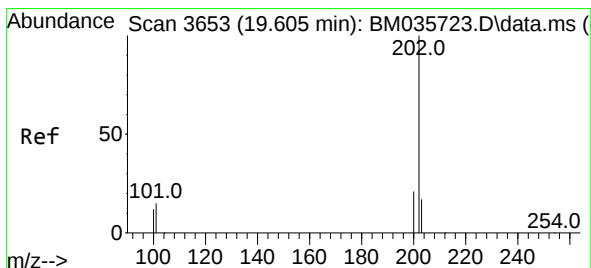
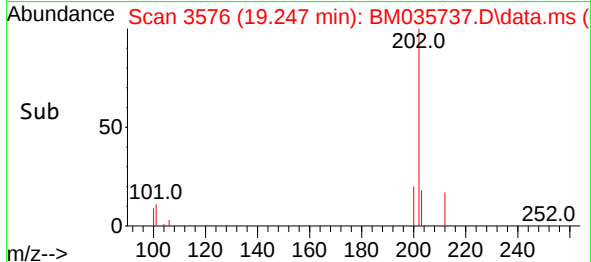
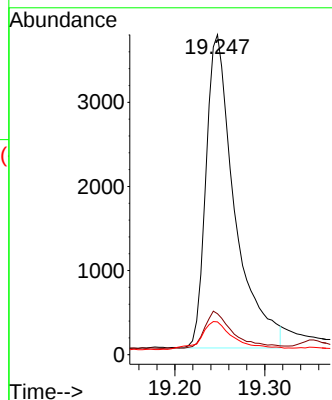
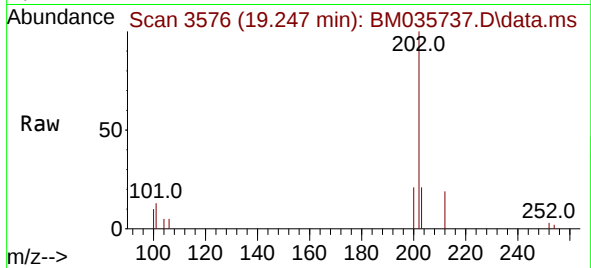
#19
Fluoranthene
Concen: 0.263 ng/u1
RT: 19.247 min Scan# 3574
Delta R.T. 0.009 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

Instrument :
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Tgt Ion:202 Resp: 8274
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 10.3 7.9 11.9

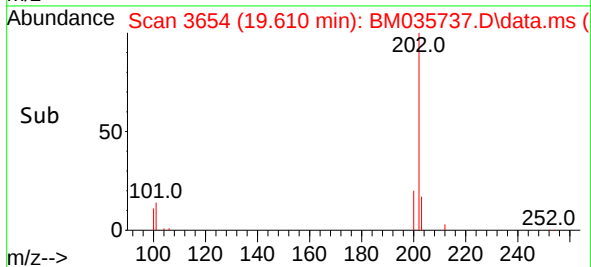
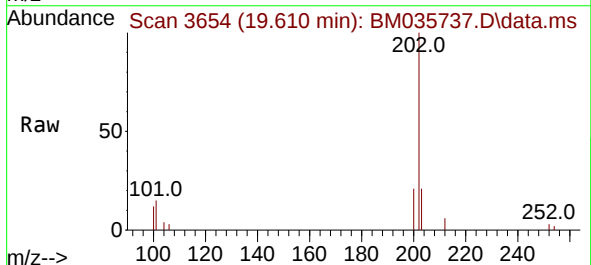
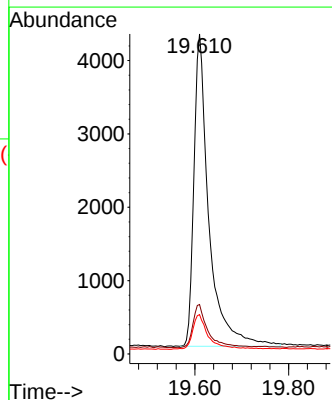
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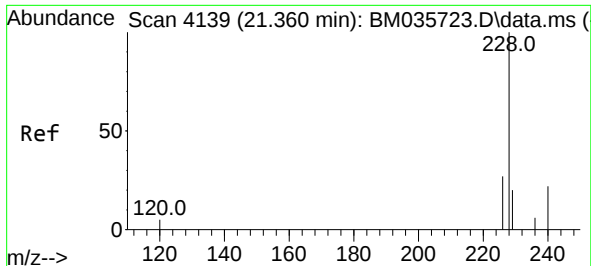
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#20
Pyrene
Concen: 0.268 ng/u1
RT: 19.610 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

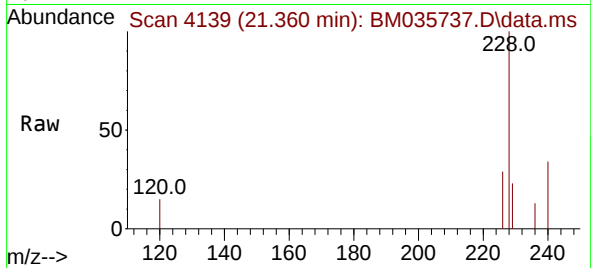
Tgt Ion:202 Resp: 9457
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.330 ng/ul m
RT: 21.360 min Scan# 4139
Delta R.T. 0.000 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

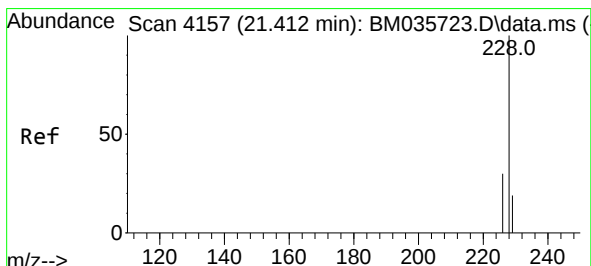
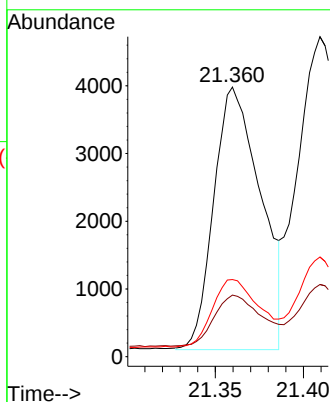
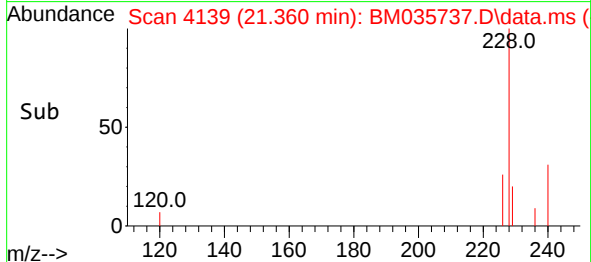
Instrument :
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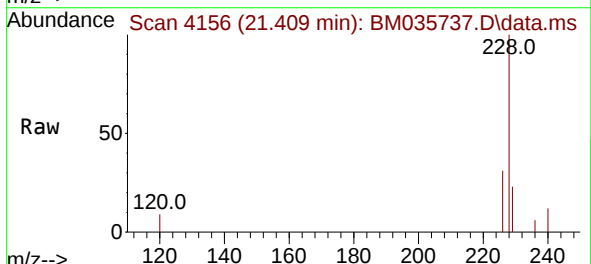
Tgt Ion:228 Resp: 7174
Ion Ratio Lower Upper
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229 22.9 16.2 24.2
226 28.6 22.5 33.7

Manual Integrations
APPROVED

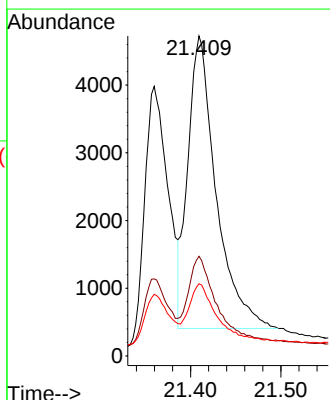
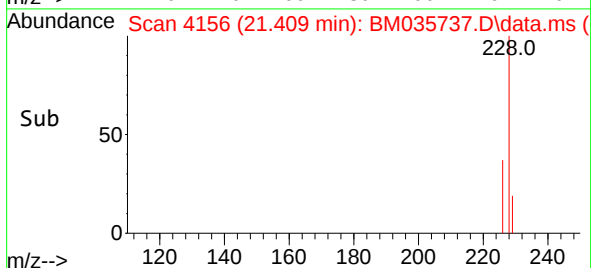
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022

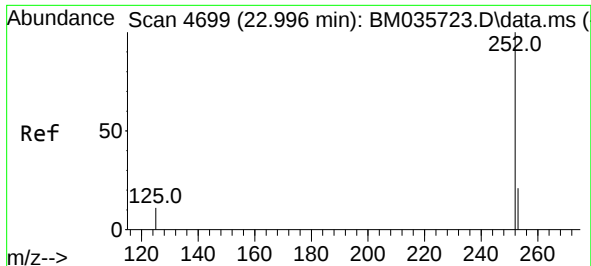


#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.409 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08



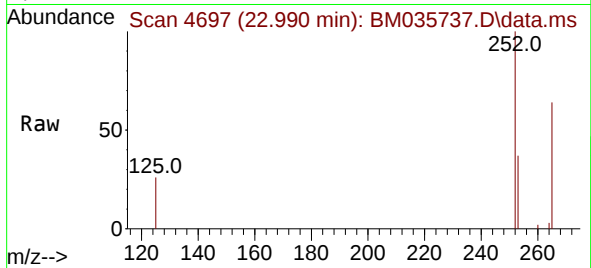
Tgt Ion:228 Resp: 9384
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 22.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 22.990 min Scan# 4697
Delta R.T. -0.006 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

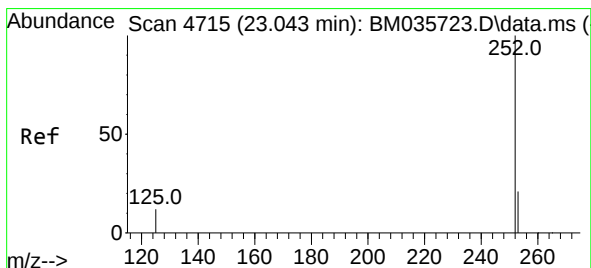
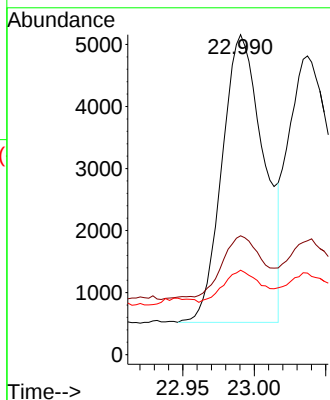
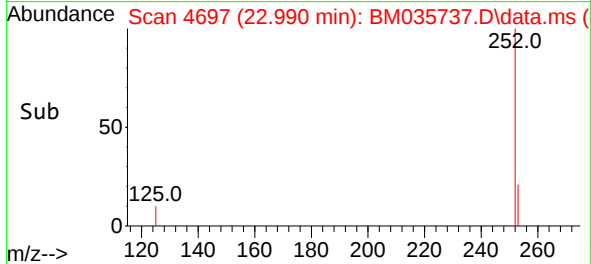
Instrument :
BNA_M
ClientSampleId :
SLCS716



Tgt Ion:252 Resp: 9430
Ion Ratio Lower Upper
252 100
253 37.1 0.0 61.4
125 26.4 0.0 42.6

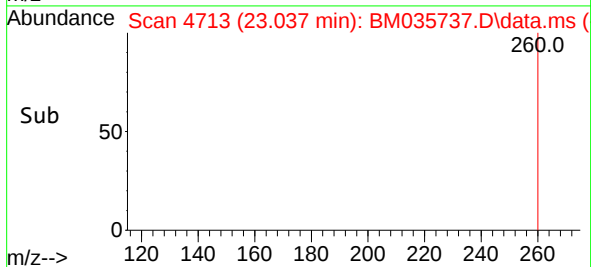
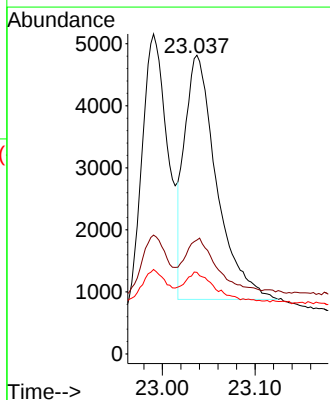
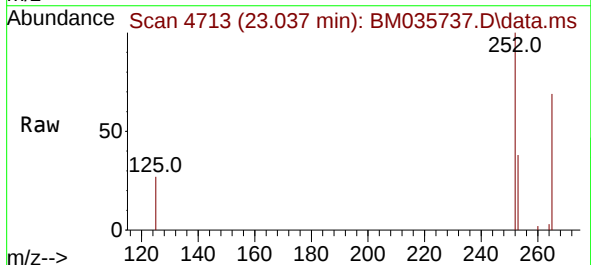
Manual Integrations
APPROVED

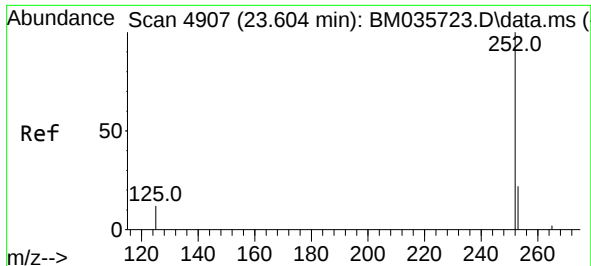
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.037 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

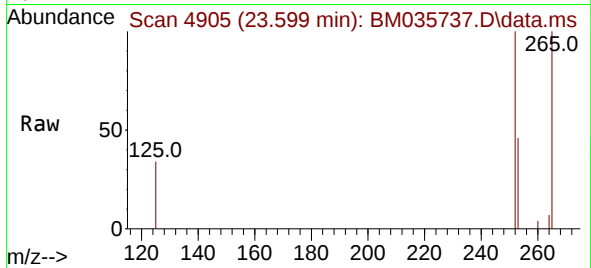
Tgt Ion:252 Resp: 9411
Ion Ratio Lower Upper
252 100
253 38.1 25.2 37.8#
125 27.3 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.599 min Scan# 4905
Delta R.T. -0.006 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

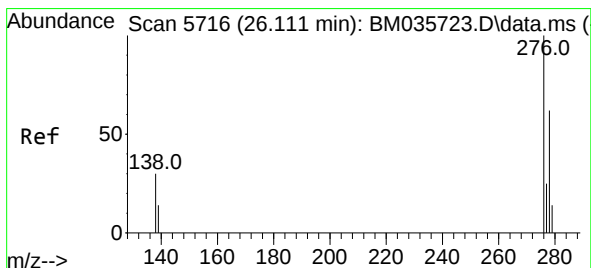
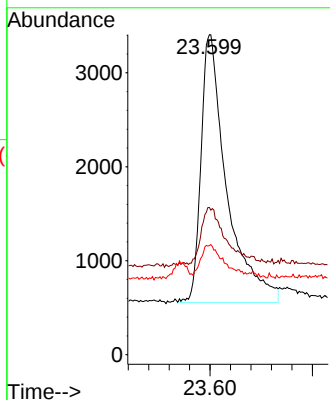
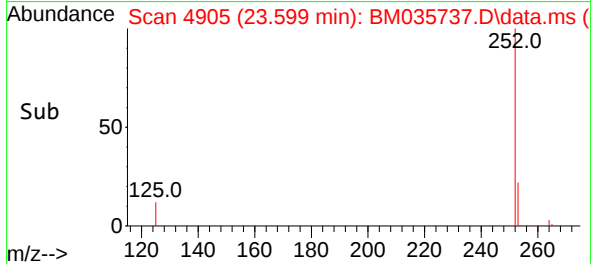
Instrument :
BNA_M
ClientSampleId :
SLCS716



Tgt Ion:252 Resp: 994
Ion Ratio Lower Upper
252 100
253 46.0 29.7 44.5
125 34.1 23.6 35.4

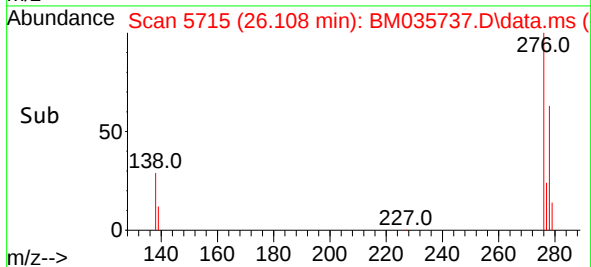
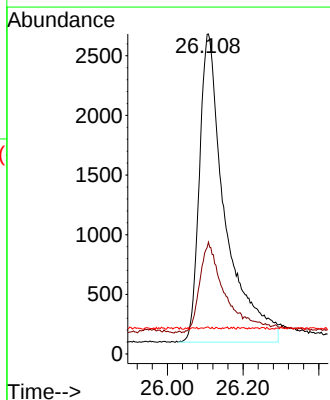
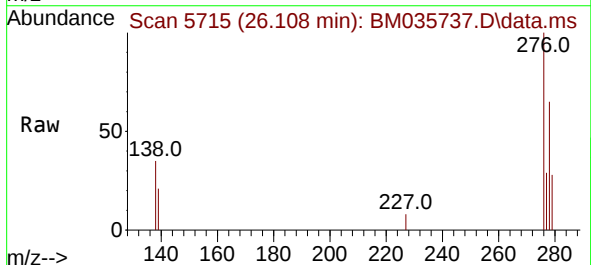
Manual Integrations
APPROVED

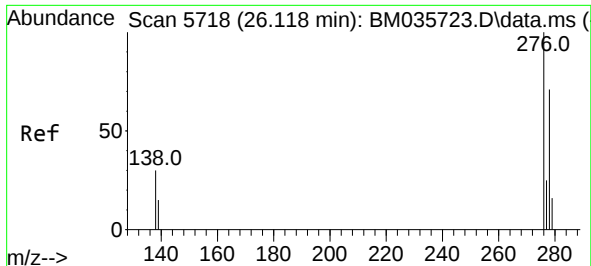
Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.108 min Scan# 5715
Delta R.T. -0.003 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

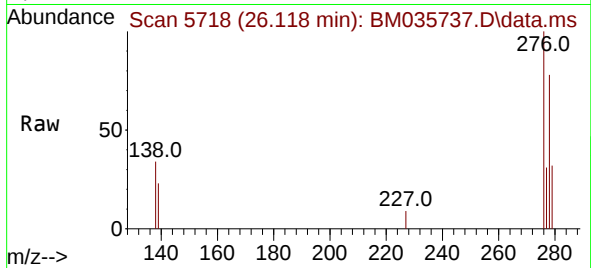
Tgt Ion:276 Resp: 12212
Ion Ratio Lower Upper
276 100
138 29.9 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.118 min Scan# 5718
Delta R.T. 0.000 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08

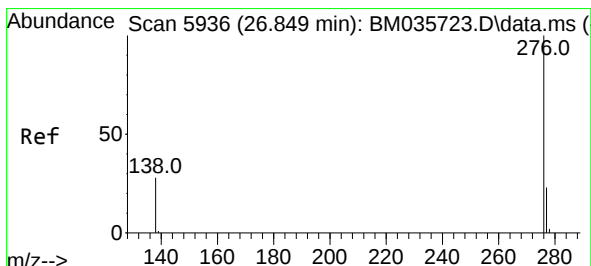
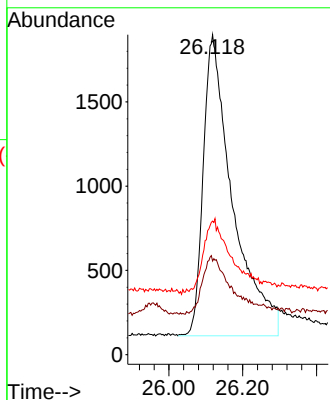
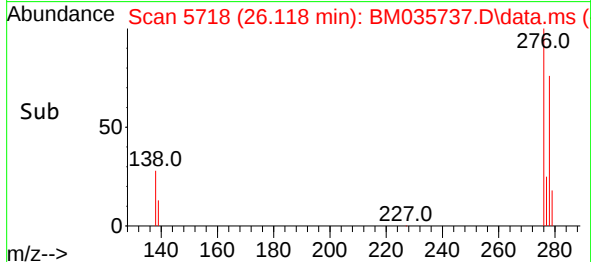
Instrument :
BNA_M
ClientSampleId :
SLCS716



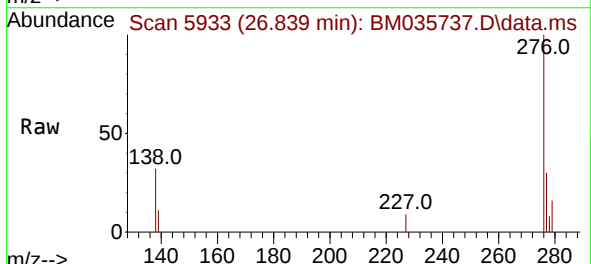
Tgt Ion:278 Resp: 9864
Ion Ratio Lower Upper
278 100
139 29.2 19.8 29.6
279 41.8 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.839 min Scan# 5933
Delta R.T. -0.010 min
Lab File: BM035737.D
Acq: 28 Jun 2022 23:08



Tgt Ion:276 Resp: 11339
Ion Ratio Lower Upper
276 100
138 32.3 23.4 35.0
277 30.1 21.0 31.4

