

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035660.D
 Acq On : 24 Jun 2022 13:23
 Operator : CG/JU
 Sample : PB145605BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS605

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 04:05:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	3278	0.400	ng/ul	0.05
4) Naphthalene-d8	10.666	136	15967	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.478	164	8193m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	13420	0.400	ng/ul	0.01
17) Chrysene-d12	21.418	240	11042	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	9587	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4435	0.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.277	152	8136	0.343	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	13339	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	11284m	2.457	ng/ul	
5) Naphthalene	10.716	128	16773	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.349	142	8774	0.284	ng/ul	95
8) 1-Methylnaphthalene	12.536	142	8992	0.317	ng/ul	100
10) Acenaphthylene	14.214	152	14686	0.318	ng/ul	99
11) Acenaphthene	14.538	153	11120	0.325	ng/ul	99
12) Fluorene	15.556	166	11917	0.308	ng/ul	100
14) Pentachlorophenol	16.942	266	1570	0.610	ng/ul	99
15) Phenanthrene	17.284	178	16832	0.342	ng/ul	99
16) Anthracene	17.394	178	13364	0.310	ng/ul	98
19) Fluoranthene	19.289	202	18496	0.328	ng/ul	98
20) Pyrene	19.652	202	21788	0.368	ng/ul	99
21) Benzo(a)anthracene	21.406	228	12406	0.297	ng/ul	99
22) Chrysene	21.453	228	17946	0.361	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	15367	0.366	ng/ul	97
25) Benzo(k)fluoranthene	23.101	252	14688	0.337	ng/ul	98
26) Benzo(a)pyrene	23.674	252	16386	0.377	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.236	276	18526	0.370	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.239	278	14983	0.366	ng/ul	95
29) Benzo(g,h,i)perylene	26.960	276	17390	0.387	ng/ul	99

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

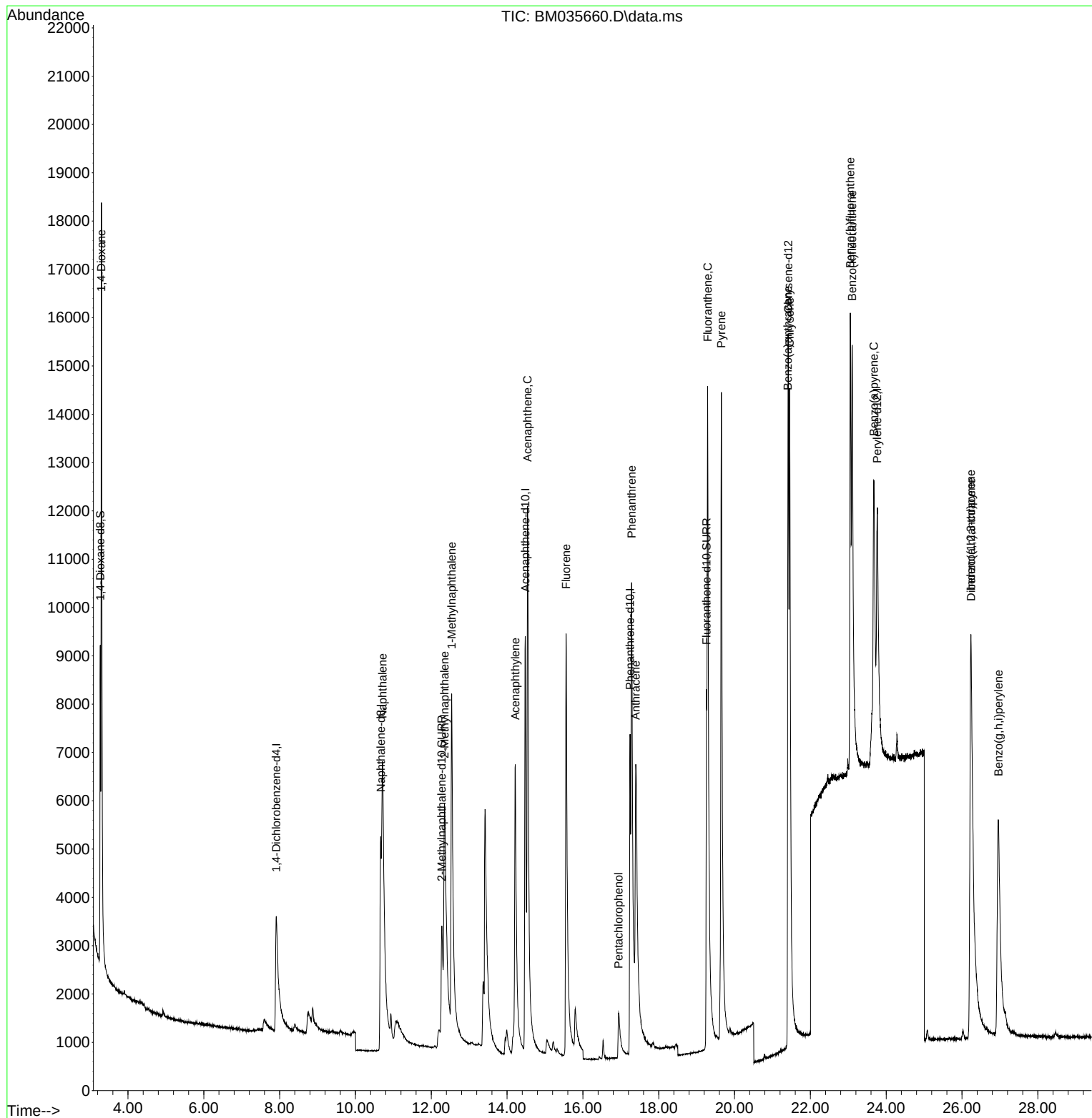
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035660.D
Acq On : 24 Jun 2022 13:23
Operator : CG/JU
Sample : PB145605BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

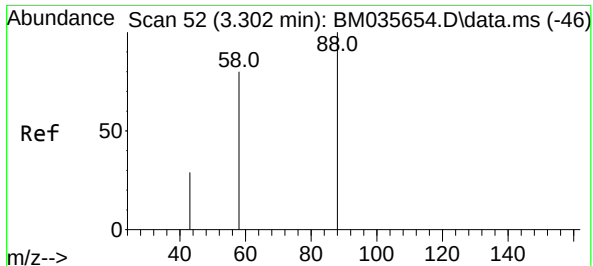
Instrument :
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Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

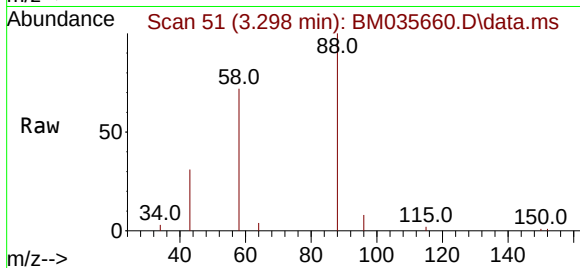
Quant Time: Jun 25 04:05:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.457 ng/ul m
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

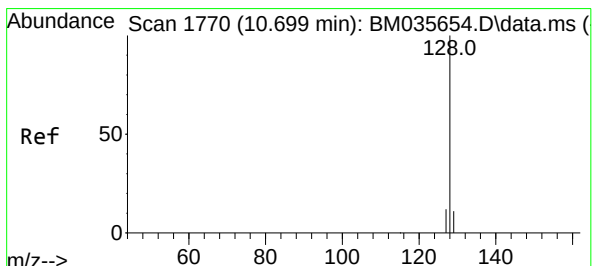
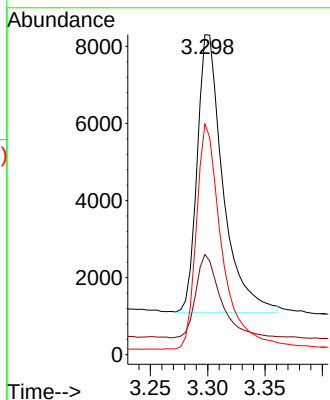
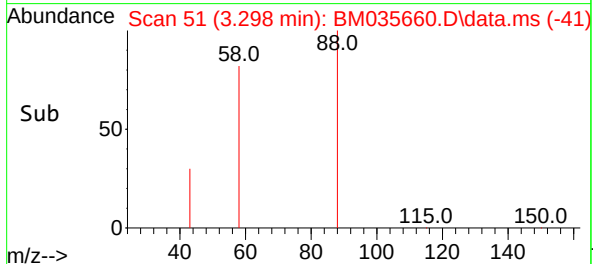
Instrument :
BNA_M
ClientSampleId :
SLCS605



Tgt Ion: 88 Resp: 11284
Ion Ratio Lower Upper
88 100
43 31.3 70.4 105.6
58 72.1 45.6 68.4

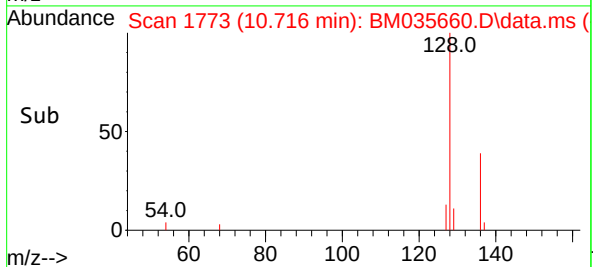
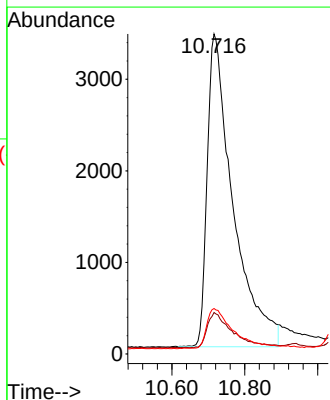
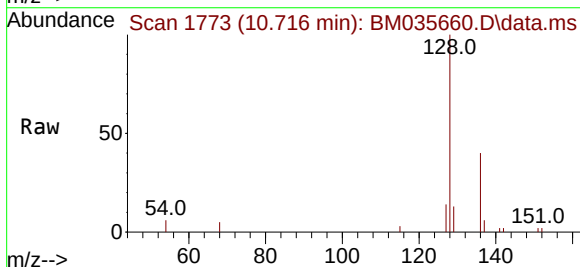
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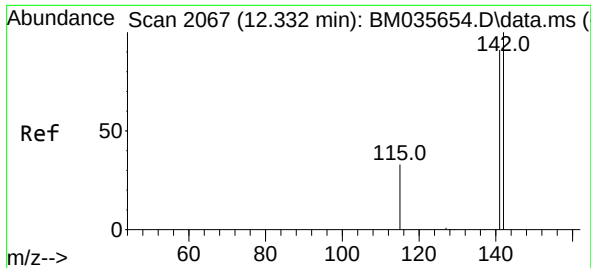
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.022 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

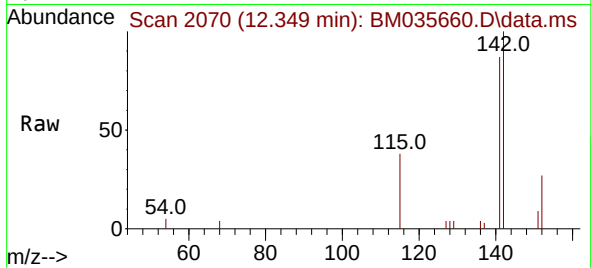
Tgt Ion:128 Resp: 16773
Ion Ratio Lower Upper
128 100
129 12.9 10.1 15.1
127 14.2 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.349 min Scan# 2067
Delta R.T. 0.028 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

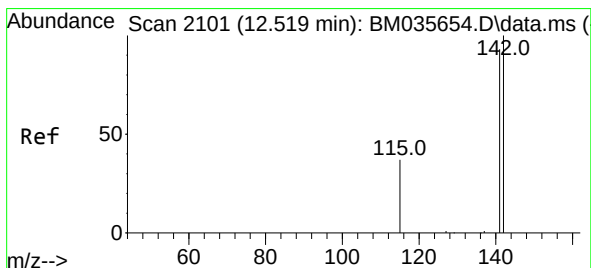
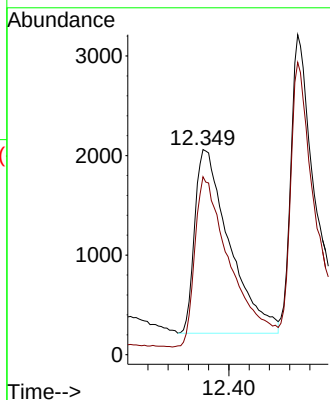
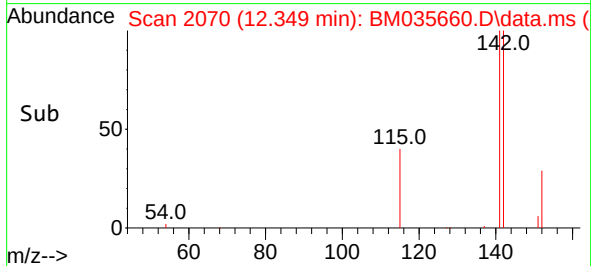
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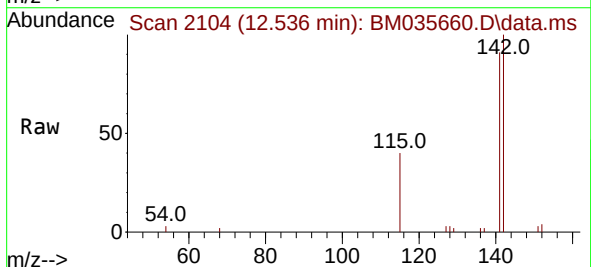
Tgt Ion:142 Resp: 8774
Ion Ratio Lower Upper
142 100
141 96.7 73.8 110.8

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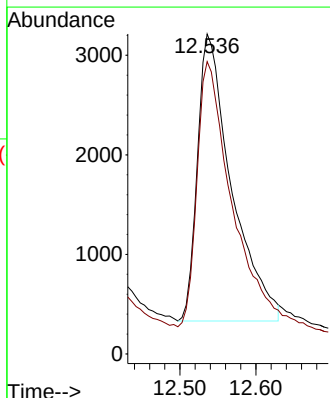
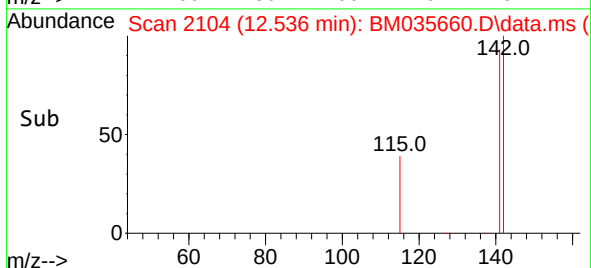
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

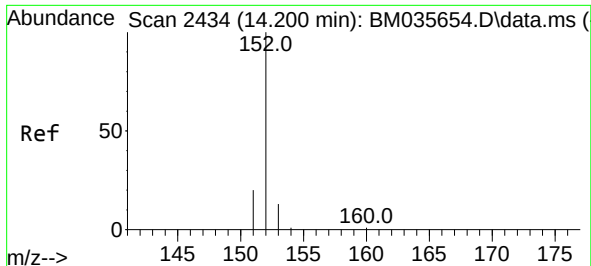


#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. 0.011 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23



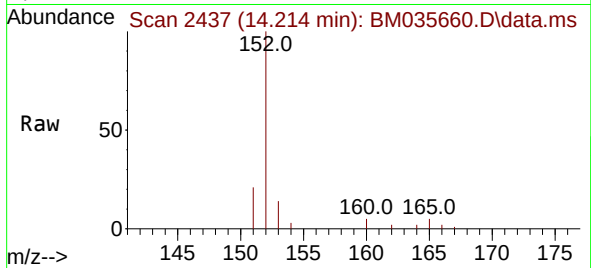
Tgt Ion:142 Resp: 8992
Ion Ratio Lower Upper
142 100
141 93.4 74.6 111.8





#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.214 min Scan# 2437
Delta R.T. 0.013 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

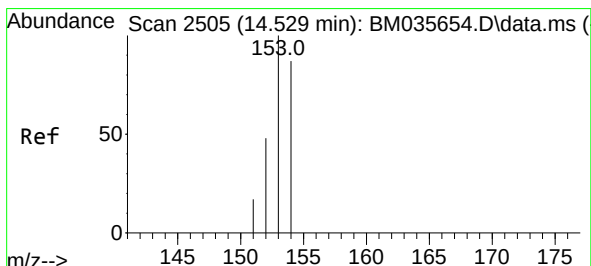
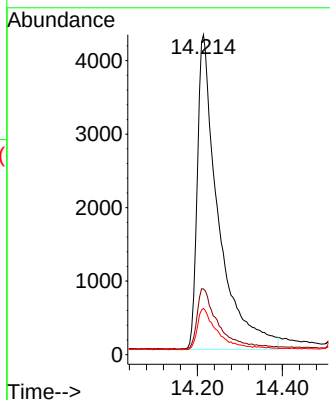
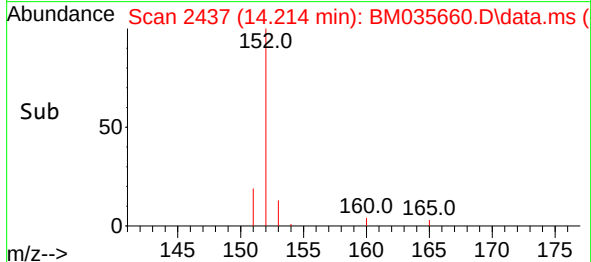
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 14680
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.4 11.1 16.7

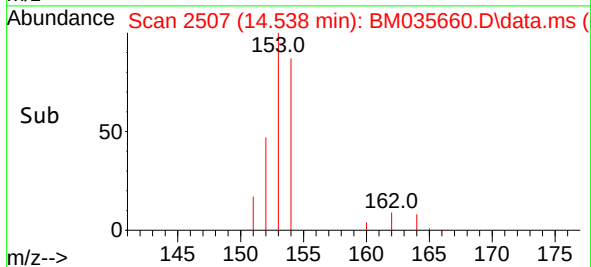
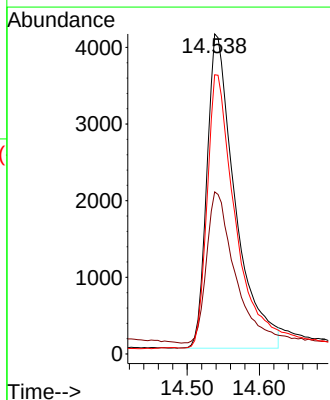
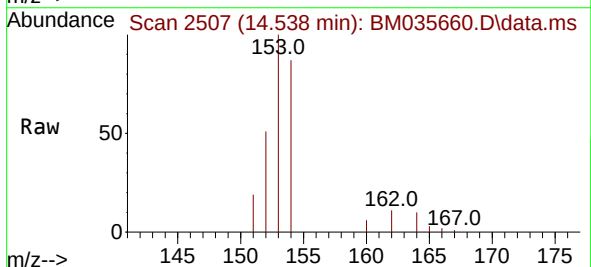
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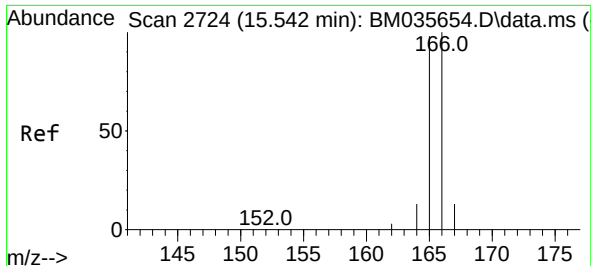
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

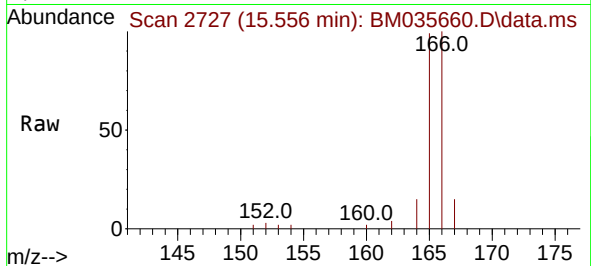
Tgt Ion:153 Resp: 11120
Ion Ratio Lower Upper
153 100
152 50.6 40.0 60.0
154 87.3 69.1 103.7





#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.556 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

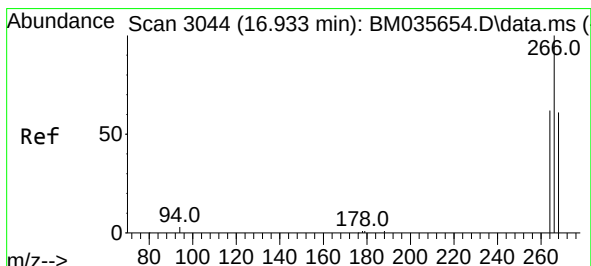
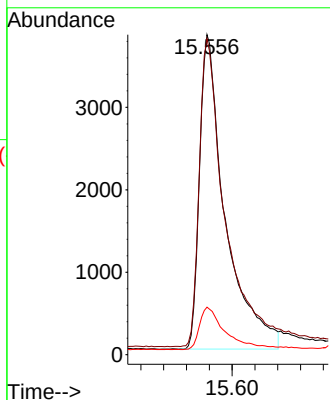
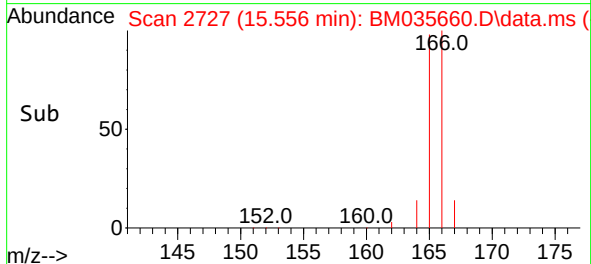
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 1191
Ion Ratio Lower Upper
166 100
165 98.8 78.7 118.1
167 14.9 11.6 17.4

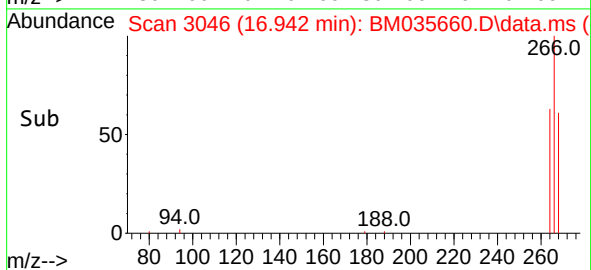
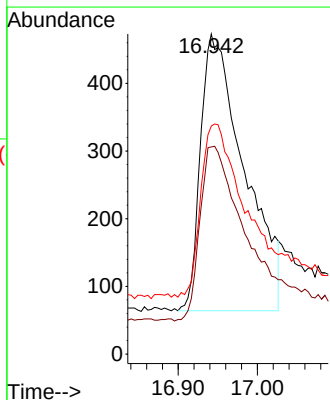
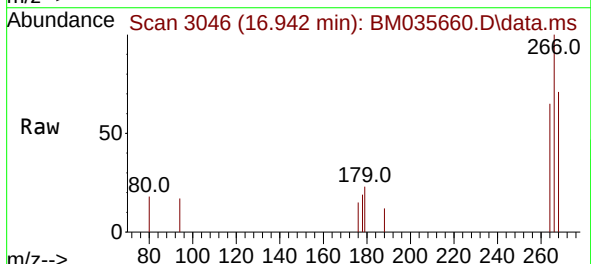
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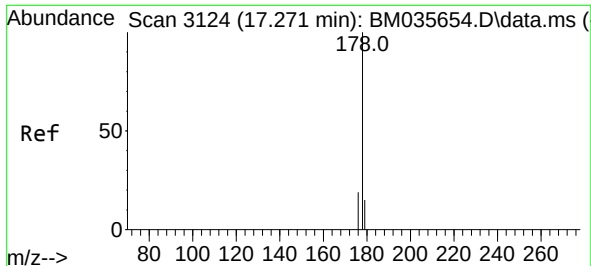
Reviewed By :Jagrut Upadhyay 06/27/2022
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#14
Pentachlorophenol
Concen: 0.610 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. 0.012 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

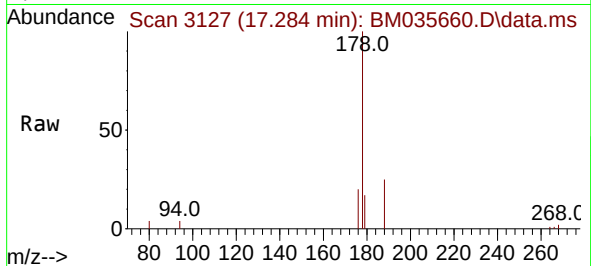
Tgt Ion:266 Resp: 1570
Ion Ratio Lower Upper
266 100
264 63.0 51.0 76.4
268 63.8 51.7 77.5





#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.284 min Scan# 3124
Delta R.T. 0.012 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

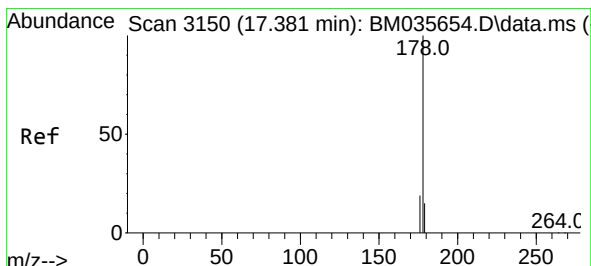
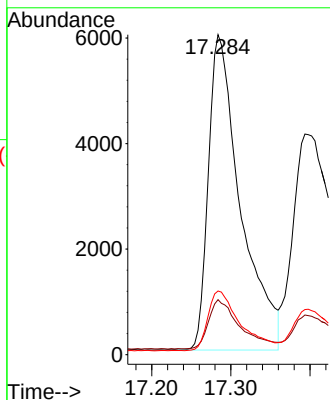
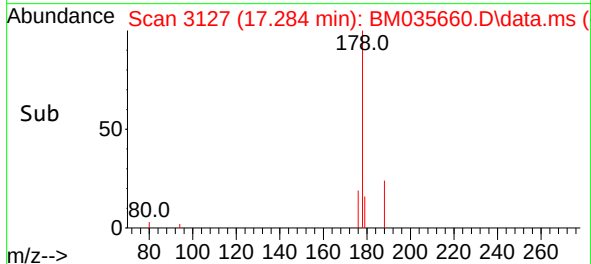
Instrument :
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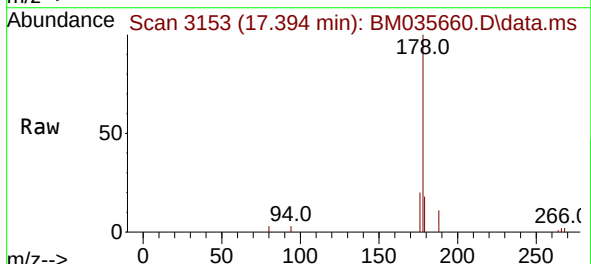
Tgt Ion:178 Resp: 16832
Ion Ratio Lower Upper
178 100
179 17.2 13.2 19.8
176 19.9 16.2 24.4

Manual Integrations
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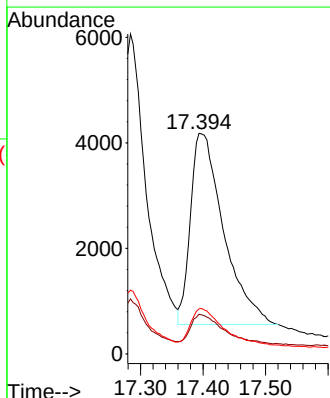
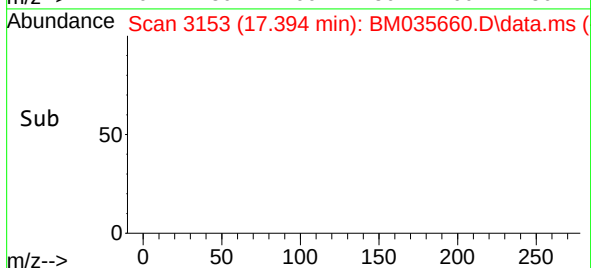
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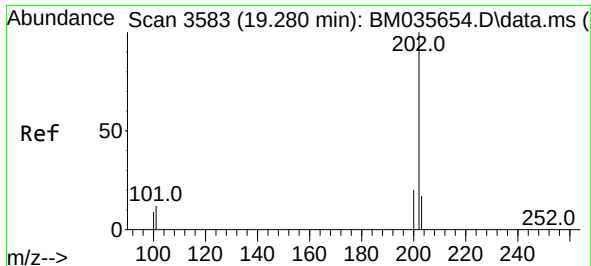


#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. 0.020 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23



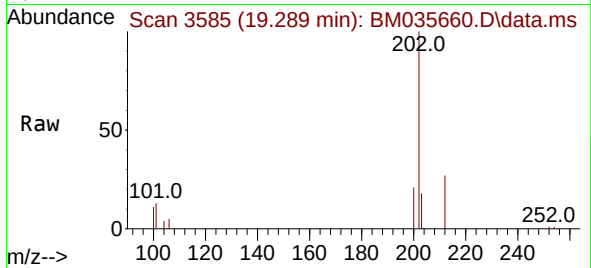
Tgt Ion:178 Resp: 13364
Ion Ratio Lower Upper
178 100
179 18.0 13.4 20.0
176 20.5 15.9 23.9





#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.289 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

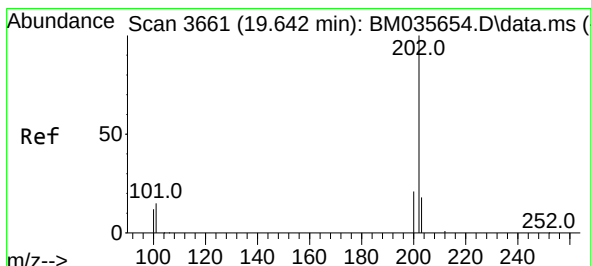
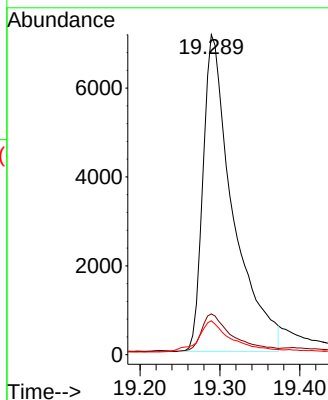
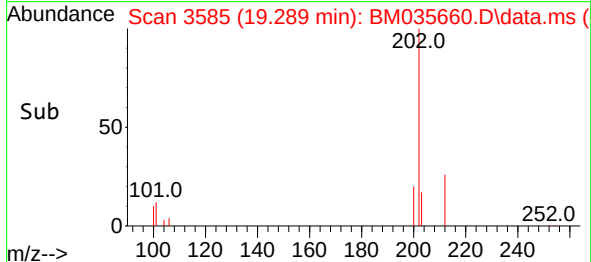
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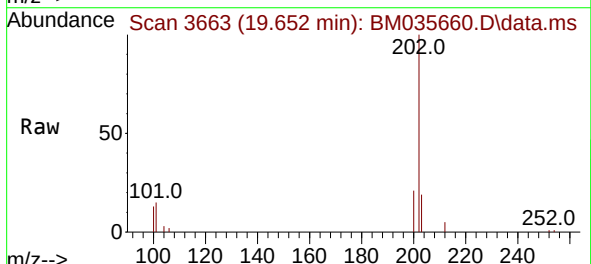
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Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.6 7.5 11.3

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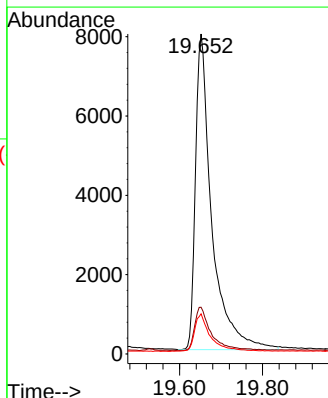
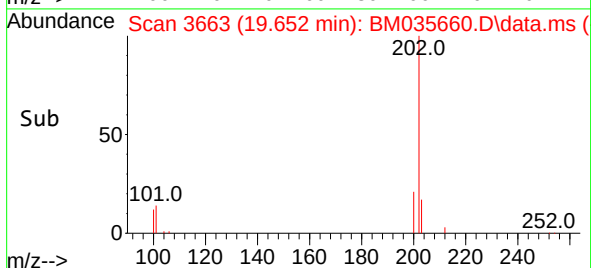
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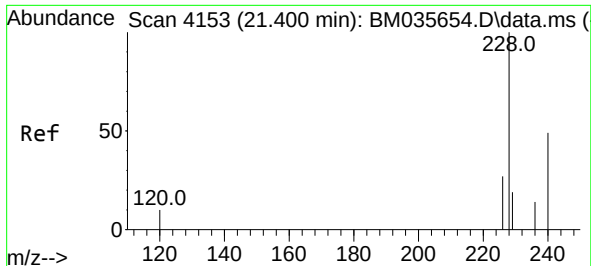


#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.652 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23



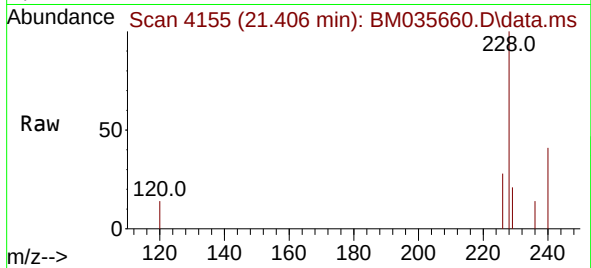
Tgt Ion:202 Resp: 21788
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 12.5 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.297 ng/u1
RT: 21.406 min Scan# 41155
Delta R.T. 0.007 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

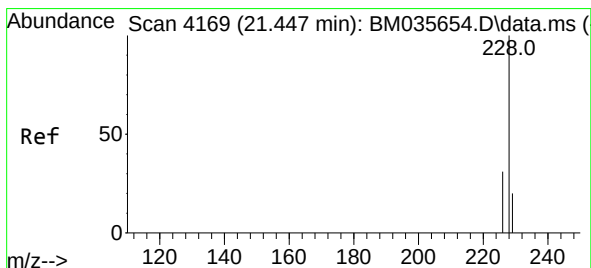
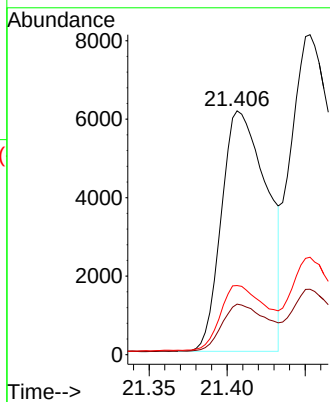
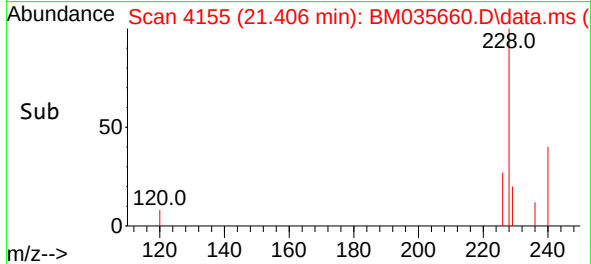
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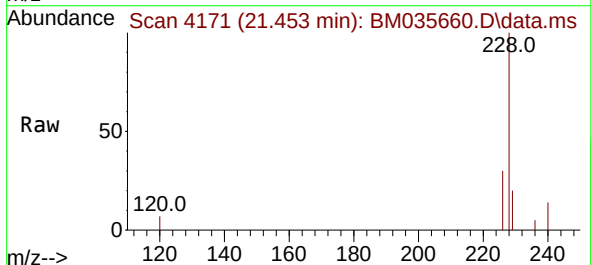
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Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.4 22.3 33.5

Manual Integrations
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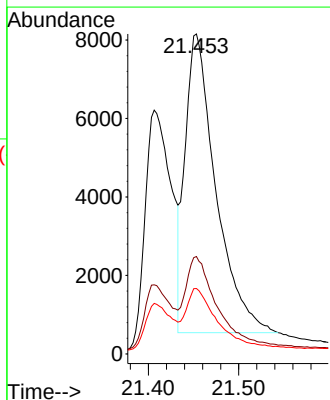
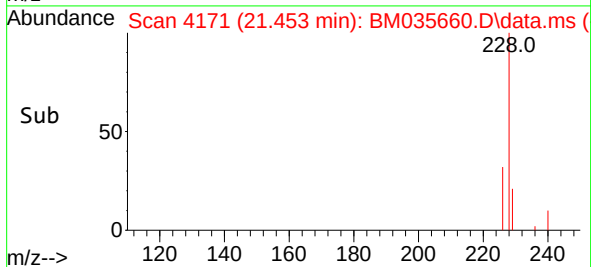
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

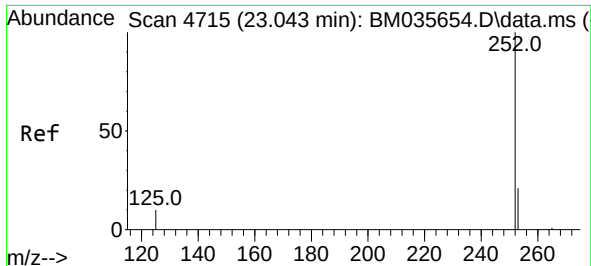


#22
Chrysene
Concen: 0.361 ng/u1
RT: 21.453 min Scan# 4171
Delta R.T. 0.004 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23



Tgt Ion:228 Resp: 17946
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.5 15.8 23.8





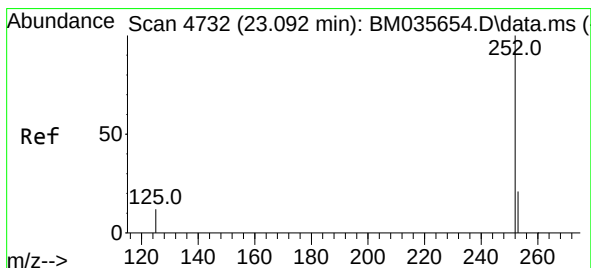
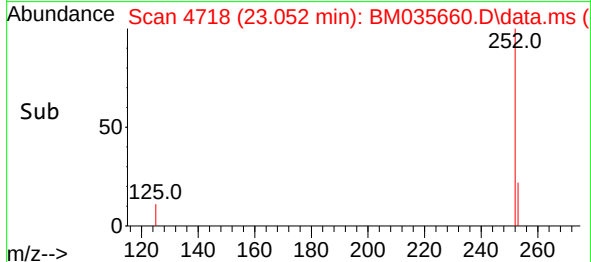
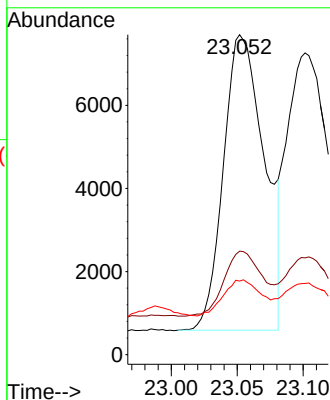
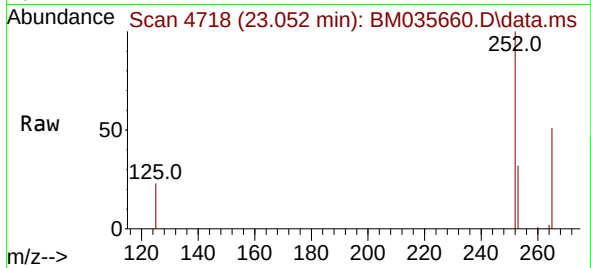
#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.052 min Scan# 4715
Delta R.T. 0.001 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

Instrument :
BNA_M
ClientSampleId :
SLCS605

Tgt Ion:252 Resp: 1536
Ion Ratio Lower Upper
252 100
253 32.4 0.0 60.6
125 23.0 0.0 44.8

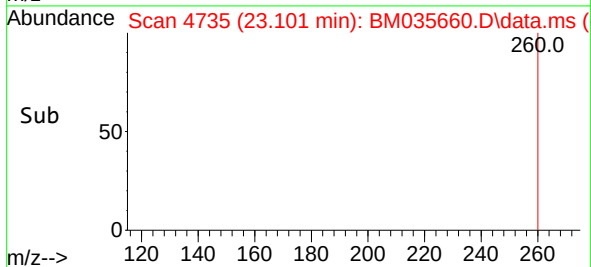
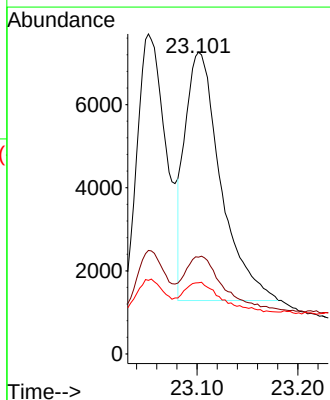
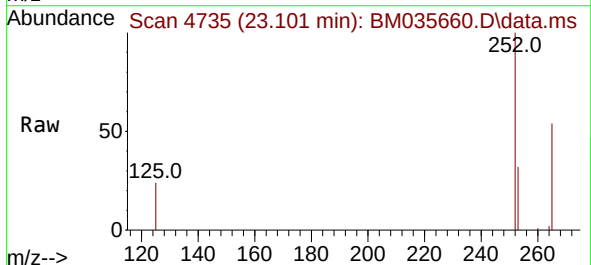
Manual Integrations
APPROVED

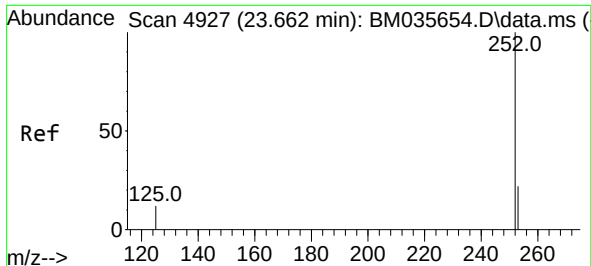
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.004 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

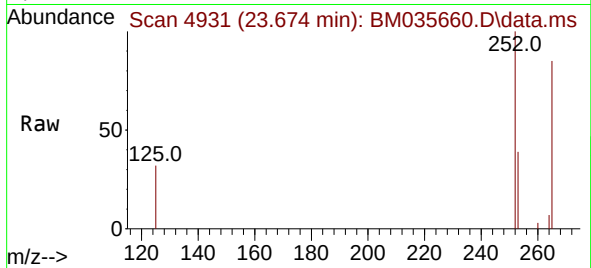
Tgt Ion:252 Resp: 14688
Ion Ratio Lower Upper
252 100
253 32.1 24.7 37.1
125 23.6 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.674 min Scan# 4927
Delta R.T. 0.007 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

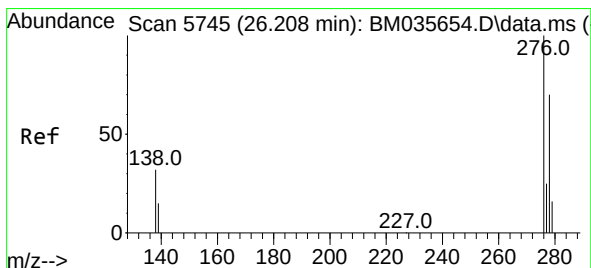
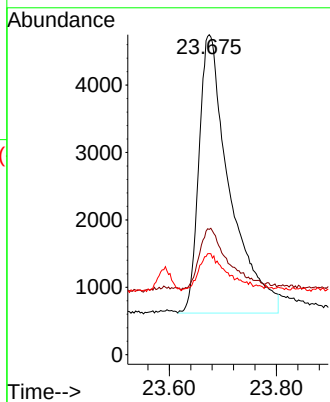
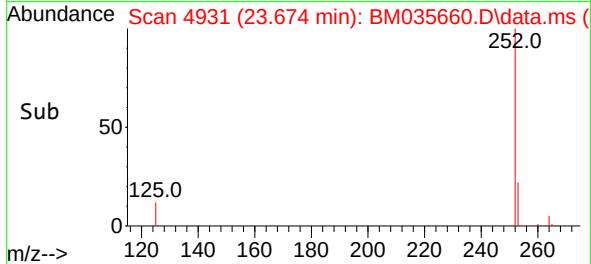
Instrument :
BNA_M
ClientSampleId :
SLCS605



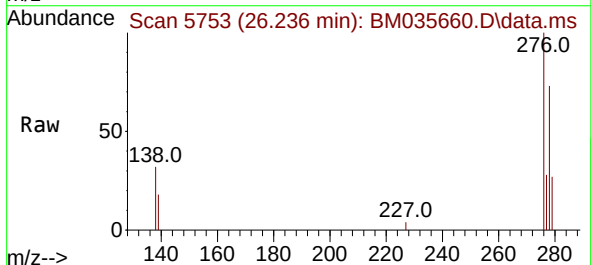
Tgt Ion:252 Resp: 16380
Ion Ratio Lower Upper
252 100
253 39.2 27.8 41.6
125 31.6 23.3 34.9

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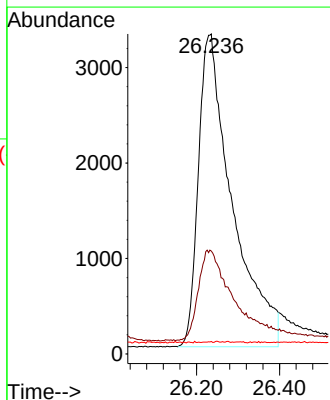
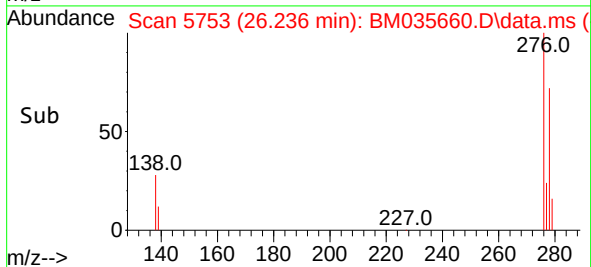
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

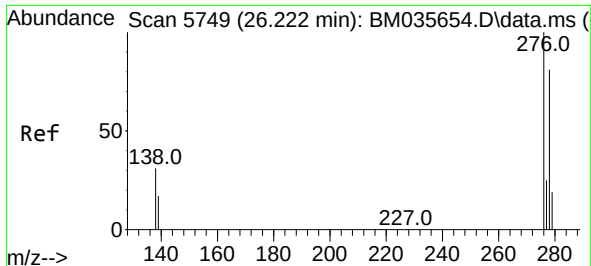


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.236 min Scan# 5753
Delta R.T. 0.024 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23



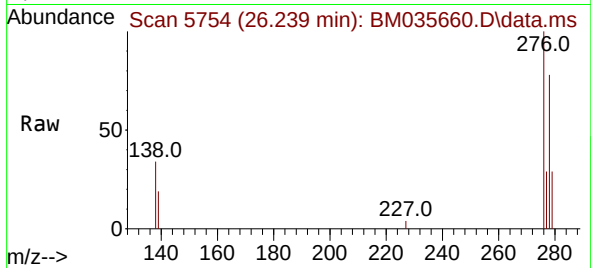
Tgt Ion:276 Resp: 18526
Ion Ratio Lower Upper
276 100
138 30.0 24.8 37.2
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.239 min Scan# 51
Delta R.T. 0.018 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23

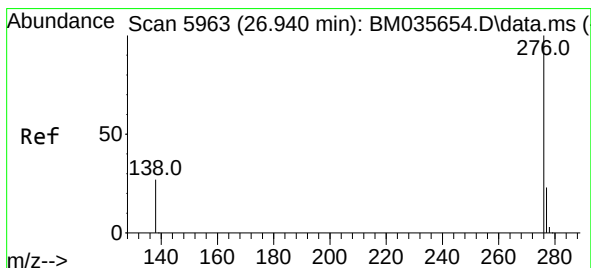
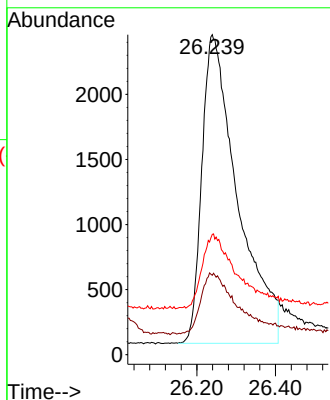
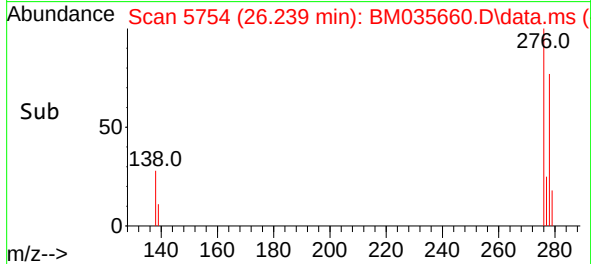
Instrument :
BNA_M
ClientSampleId :
SLCS605



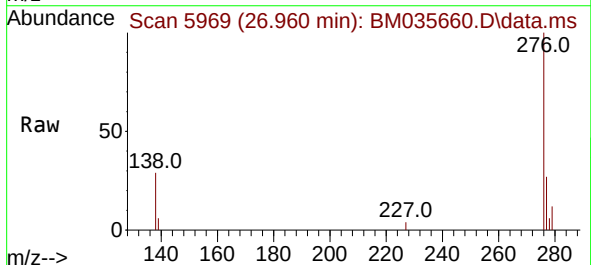
Tgt Ion:278 Resp: 1498
Ion Ratio Lower Upper
278 100
139 24.8 19.1 28.7
279 37.6 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.960 min Scan# 5969
Delta R.T. 0.014 min
Lab File: BM035660.D
Acq: 24 Jun 2022 13:23



Tgt Ion:276 Resp: 17390
Ion Ratio Lower Upper
276 100
138 28.6 23.1 34.7
277 26.6 20.3 30.5

