

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035662.D
 Acq On : 24 Jun 2022 14:36
 Operator : CG/JU
 Sample : PB145613BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS613

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 04:05:50 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	7.900	152	3414	0.400	ng/ul	0.04
4) Naphthalene-d8	10.655	136	16303	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.473	164	9508m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	17888	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	12631	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	10820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3673	0.765	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	7867	0.325	ng/ul	0.02
18) Fluoranthene-d10	19.257	212	16219	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	11783m	2.464	ng/ul	
5) Naphthalene	10.704	128	18556	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.343	142	10860	0.344	ng/ul	96
8) 1-Methylnaphthalene	12.530	142	10824	0.374	ng/ul	99
10) Acenaphthylene	14.205	152	18905	0.353	ng/ul	99
11) Acenaphthene	14.533	153	14304	0.361	ng/ul	97
12) Fluorene	15.547	166	16288	0.363	ng/ul	100
14) Pentachlorophenol	16.933	266	2282	0.665	ng/ul	99
15) Phenanthrene	17.275	178	24530	0.374	ng/ul	99
16) Anthracene	17.385	178	20213	0.352	ng/ul	100
19) Fluoranthene	19.289	202	26885	0.416	ng/ul	99
20) Pyrene	19.647	202	30165	0.446	ng/ul	99
21) Benzo(a)anthracene	21.406	228	16532	0.346	ng/ul	100
22) Chrysene	21.453	228	23581	0.415	ng/ul	100
24) Benzo(b)fluoranthene	23.052	252	19823	0.419	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	19472	0.396	ng/ul	97
26) Benzo(a)pyrene	23.674	252	20814	0.424	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.222	276	23887	0.422	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.239	278	19165	0.415	ng/ul	100
29) Benzo(g,h,i)perylene	26.947	276	22268	0.440	ng/ul	99

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

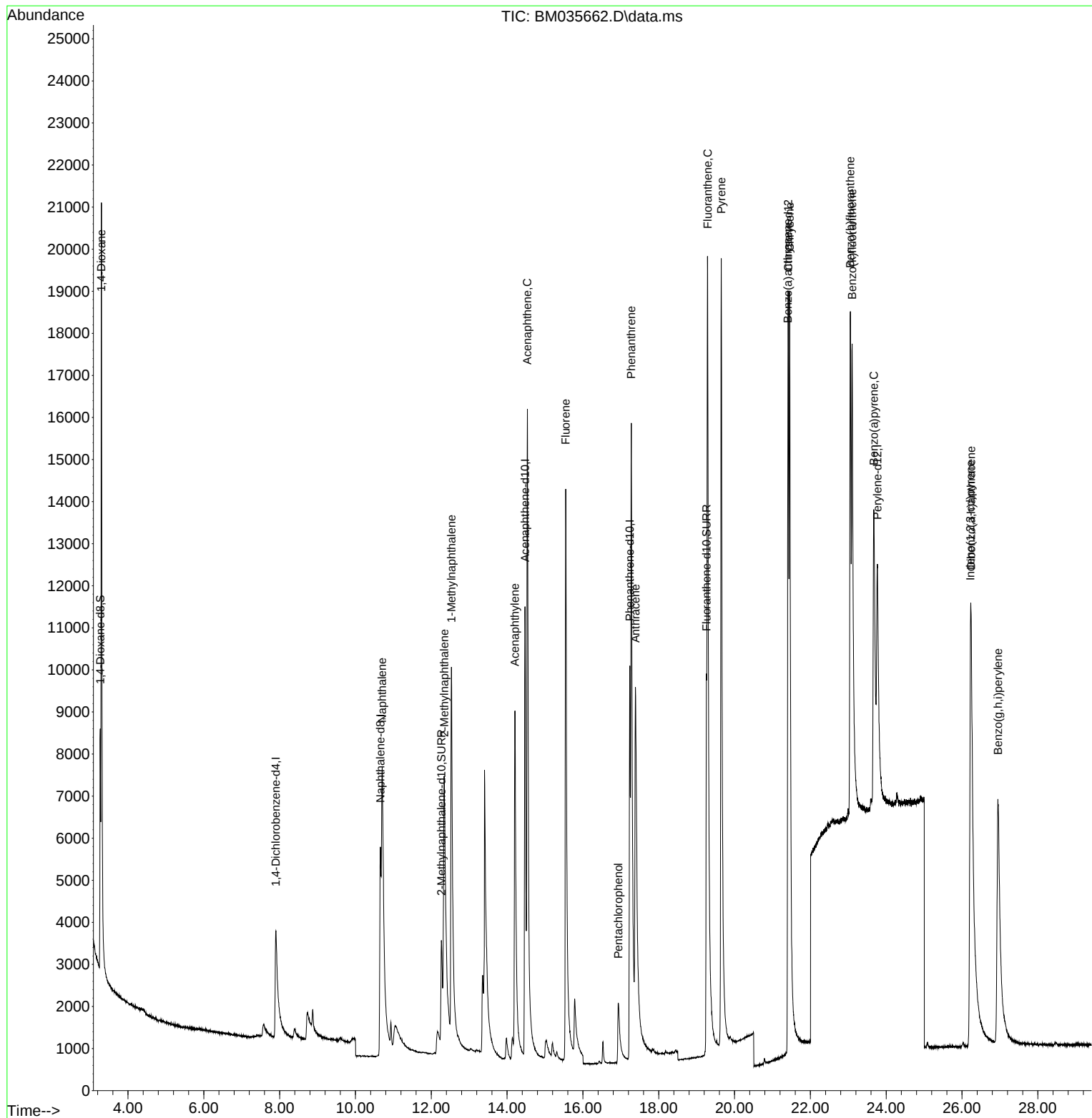
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035662.D
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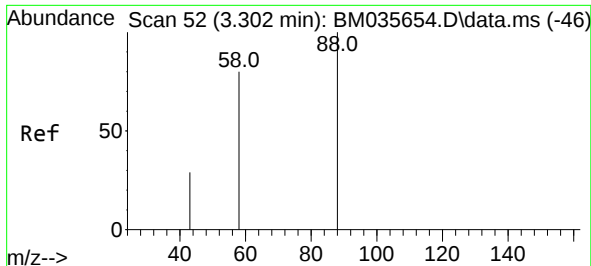
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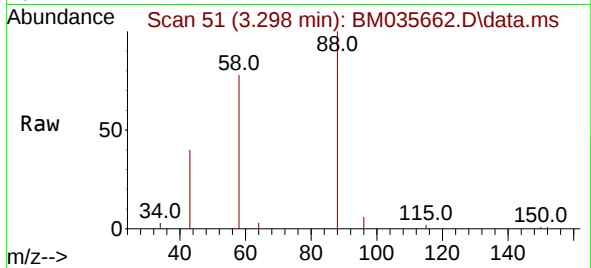
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022





#2
1,4-Dioxane
Concen: 2.464 ng/ul m
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

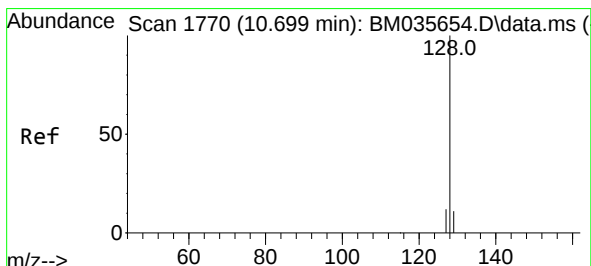
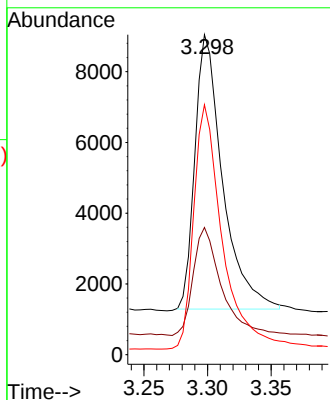
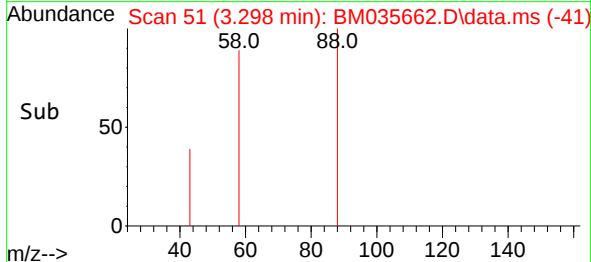
Instrument :
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ClientSampleId :
SLCS613



Tgt Ion: 88 Resp: 1178
Ion Ratio Lower Upper
88 100
43 39.7 70.4 105.6
58 78.1 45.6 68.4

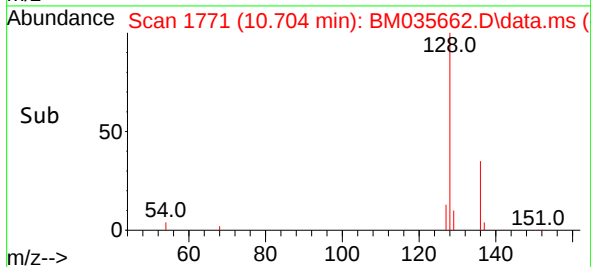
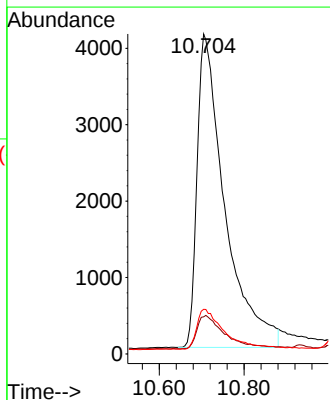
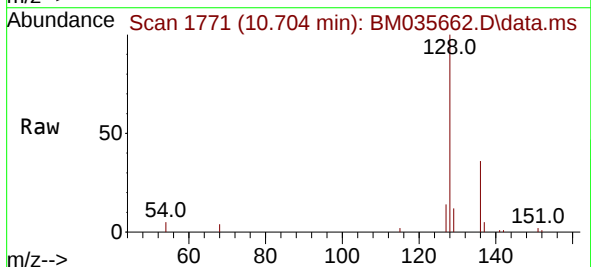
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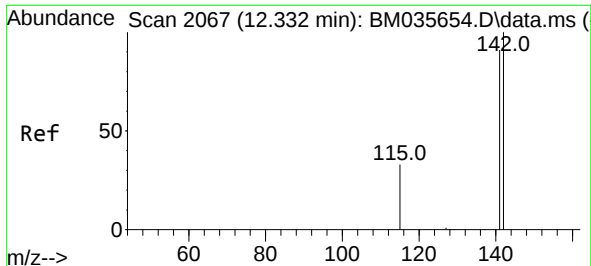
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.704 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

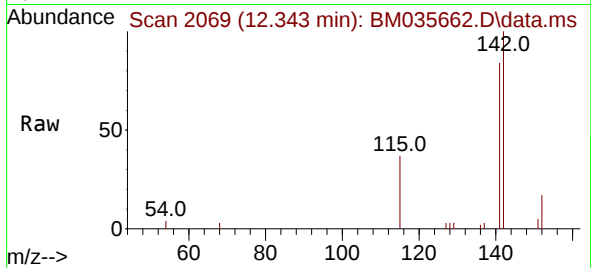
Tgt Ion:128 Resp: 18556
Ion Ratio Lower Upper
128 100
129 11.6 10.1 15.1
127 13.9 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.343 min Scan# 2067
Delta R.T. 0.022 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

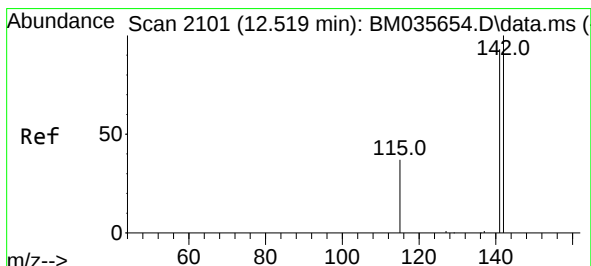
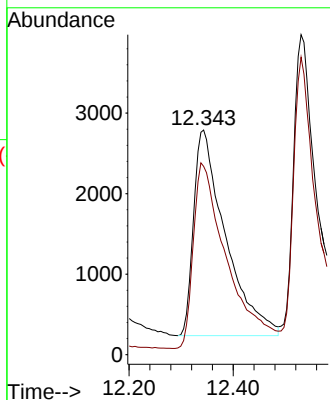
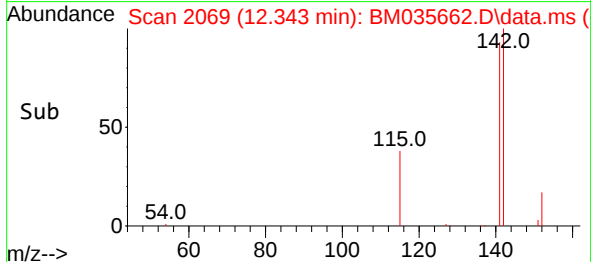
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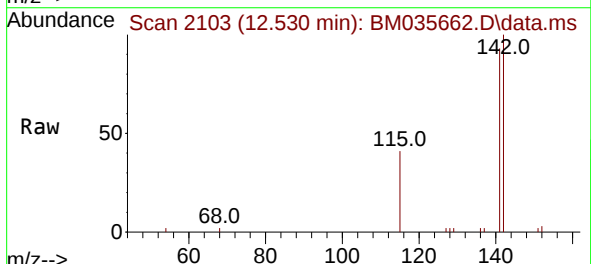
Tgt Ion:142 Resp: 10860
Ion Ratio Lower Upper
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141 96.5 73.8 110.8

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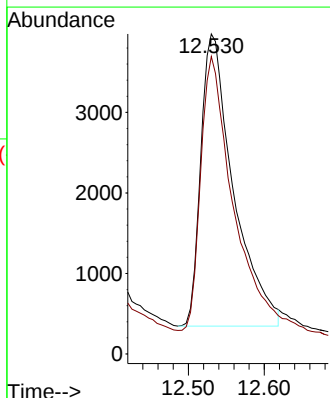
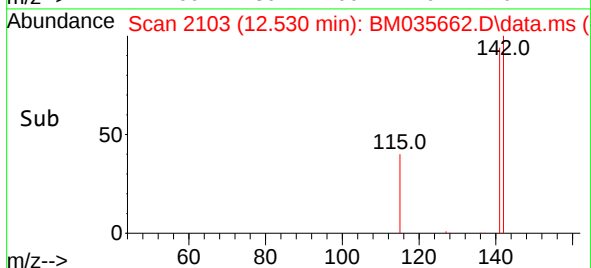
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

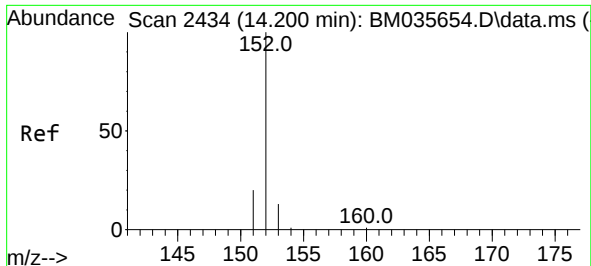


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.005 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36



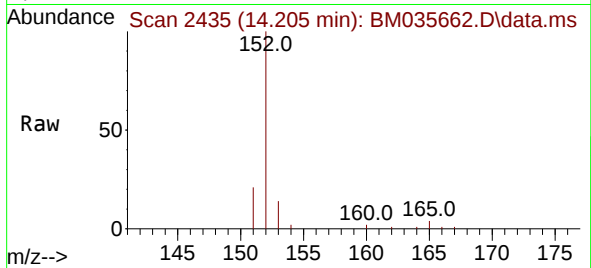
Tgt Ion:142 Resp: 10824
Ion Ratio Lower Upper
142 100
141 92.4 74.6 111.8





#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.205 min Scan# 2434
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

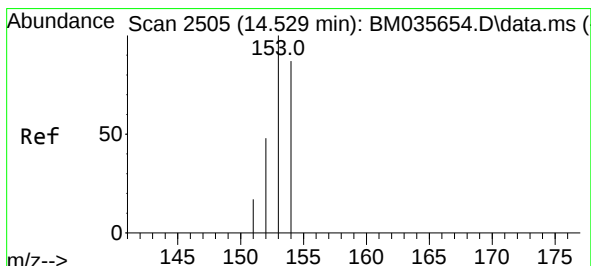
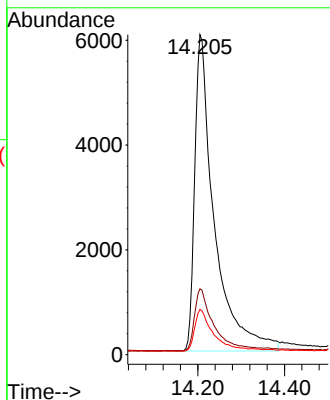
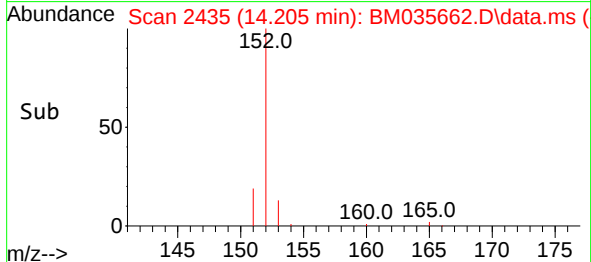
Instrument :
BNA_M
ClientSampleId :
SLCS613



Tgt Ion:152 Resp: 1890
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.1 11.1 16.7

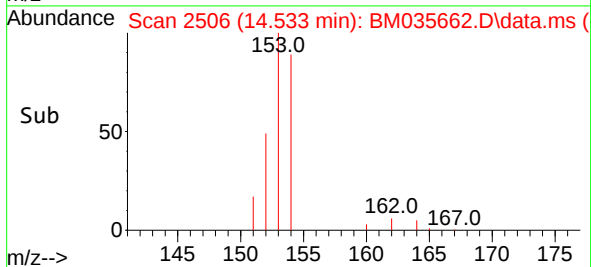
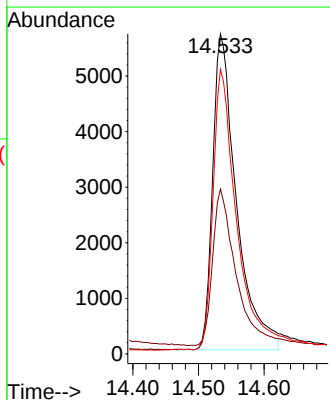
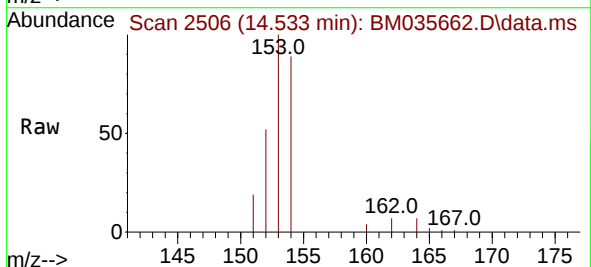
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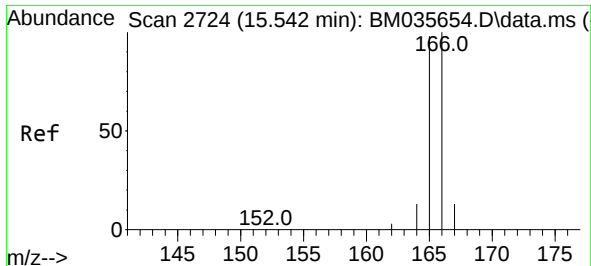
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

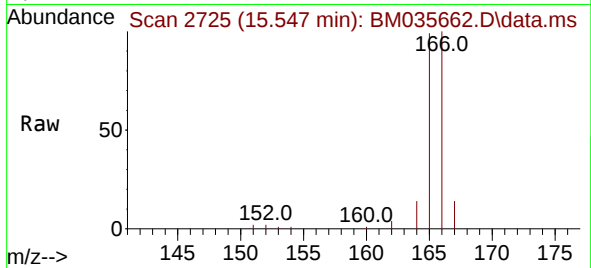
Tgt Ion:153 Resp: 14304
Ion Ratio Lower Upper
153 100
152 51.6 40.0 60.0
154 89.0 69.1 103.7





#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.547 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

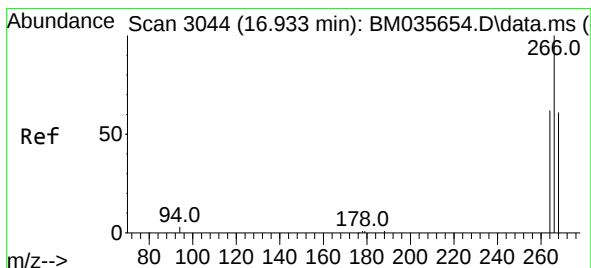
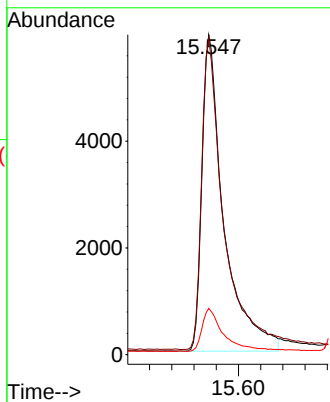
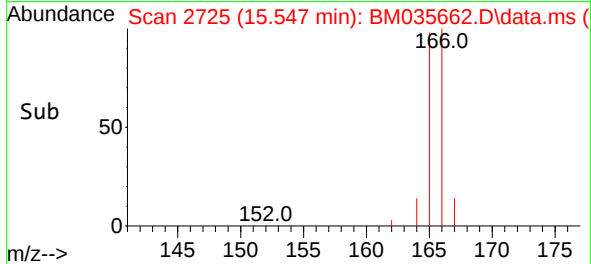
Instrument :
BNA_M
ClientSampleId :
SLCS613



Tgt Ion:166 Resp: 1628
Ion Ratio Lower Upper
166 100
165 98.9 78.7 118.1
167 14.5 11.6 17.4

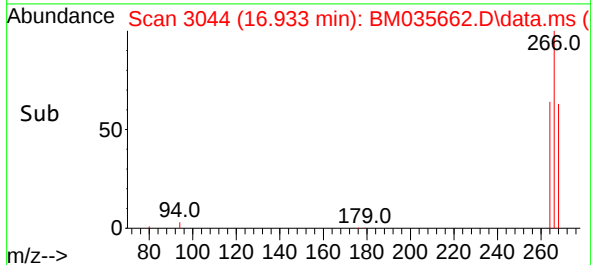
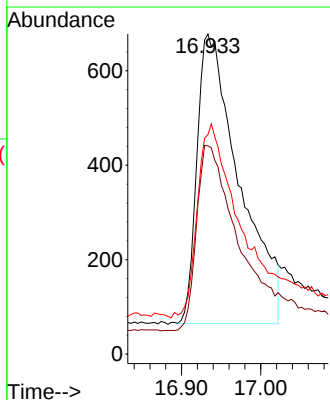
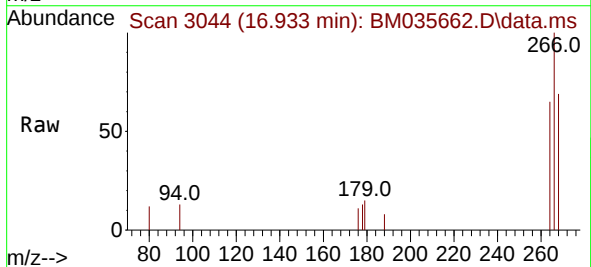
Manual Integrations
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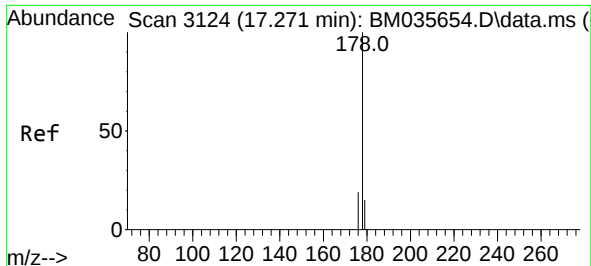
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#14
Pentachlorophenol
Concen: 0.665 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. 0.003 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

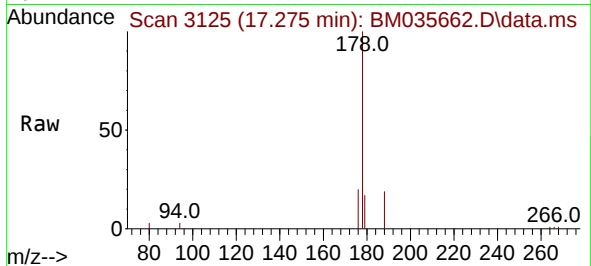
Tgt Ion:266 Resp: 2282
Ion Ratio Lower Upper
266 100
264 61.8 51.0 76.4
268 64.2 51.7 77.5





#15
Phenanthrene
Concen: 0.374 ng/u1
RT: 17.275 min Scan# 3124
Delta R.T. 0.003 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

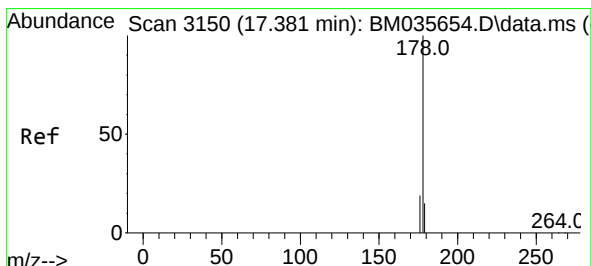
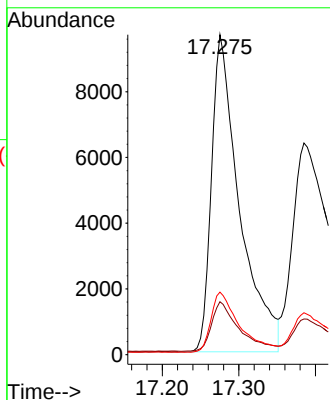
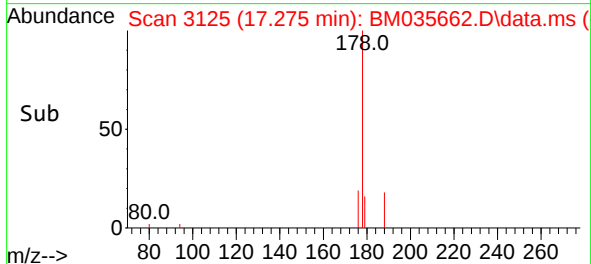
Instrument :
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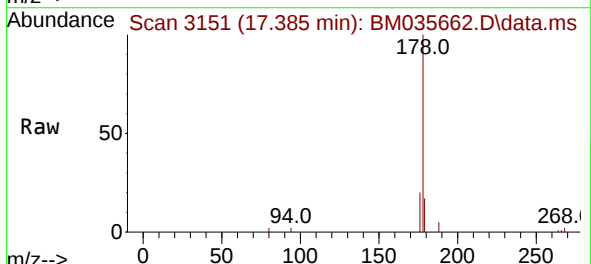
Tgt Ion:178 Resp: 24530
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 19.6 16.2 24.4

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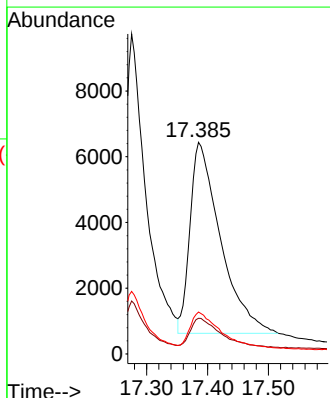
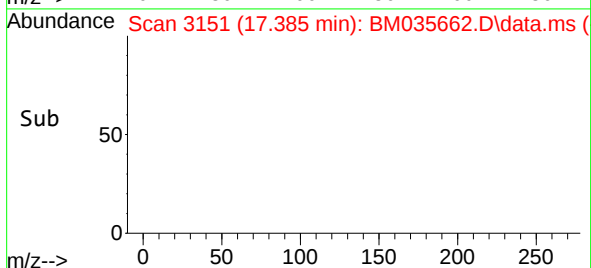
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

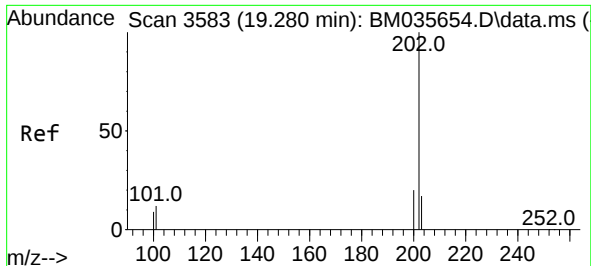


#16
Anthracene
Concen: 0.352 ng/u1
RT: 17.385 min Scan# 3151
Delta R.T. 0.012 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36



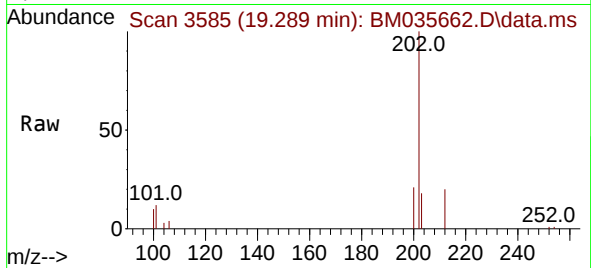
Tgt Ion:178 Resp: 20213
Ion Ratio Lower Upper
178 100
179 16.9 13.4 20.0
176 19.8 15.9 23.9





#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.289 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

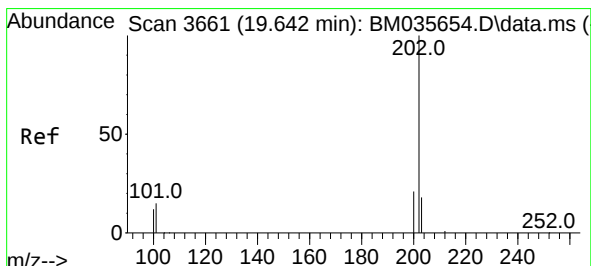
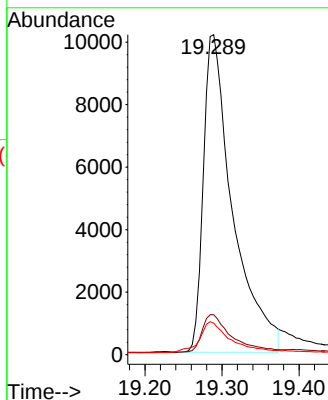
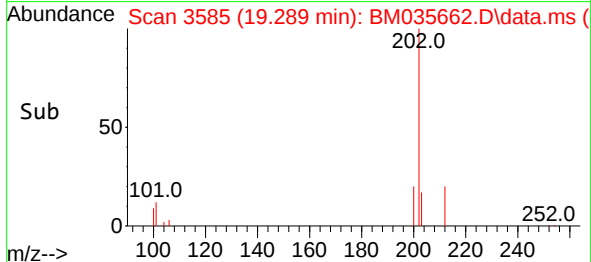
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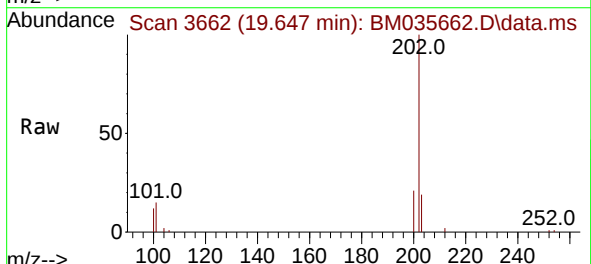
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Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 9.9 7.5 11.3

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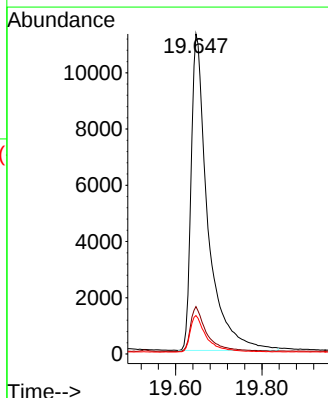
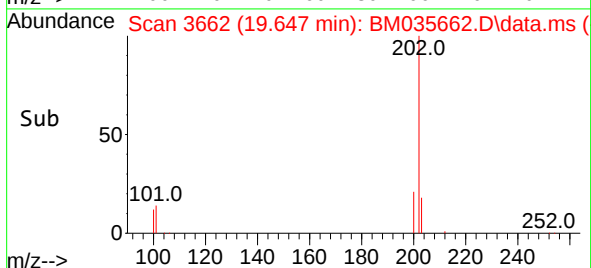
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

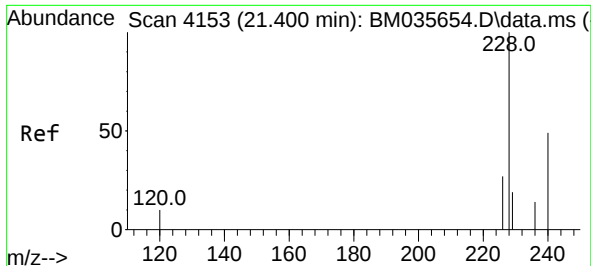


#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36



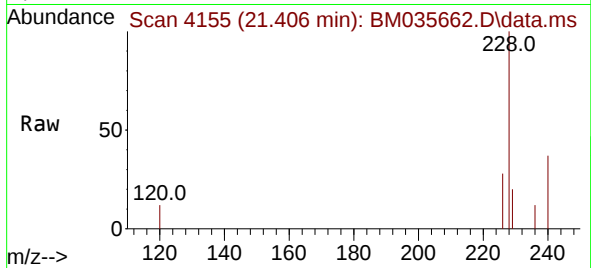
Tgt Ion:202 Resp: 30165
Ion Ratio Lower Upper
202 100
101 14.8 11.6 17.4
100 12.0 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.346 ng/u1
RT: 21.406 min Scan# 4153
Delta R.T. 0.007 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

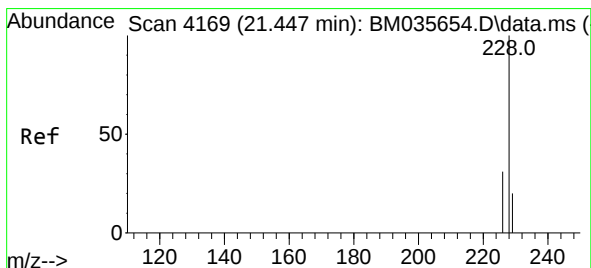
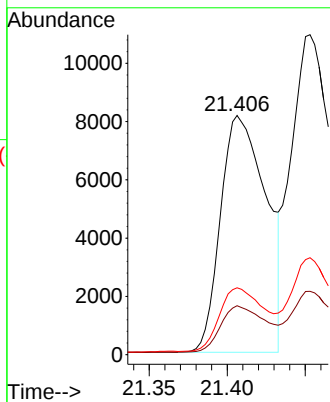
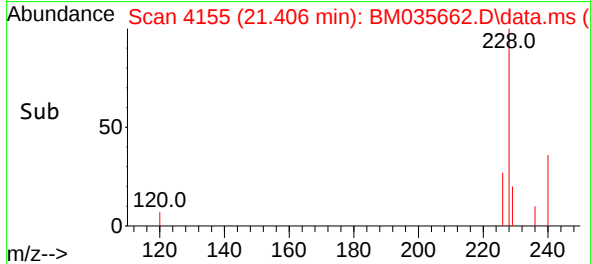
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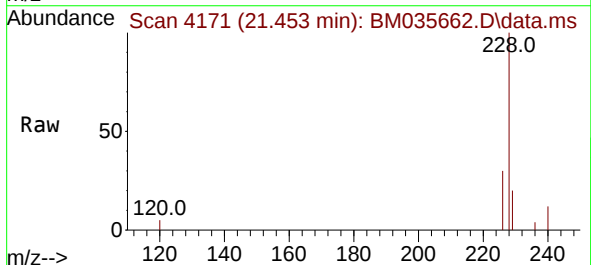
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Ion Ratio Lower Upper
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229 20.5 16.2 24.2
226 28.0 22.3 33.5

Manual Integrations
APPROVED

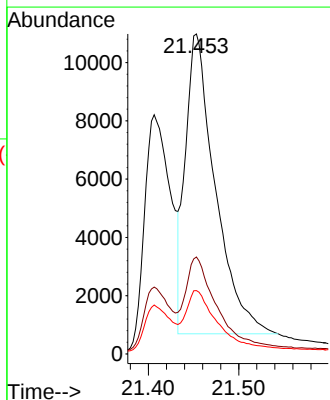
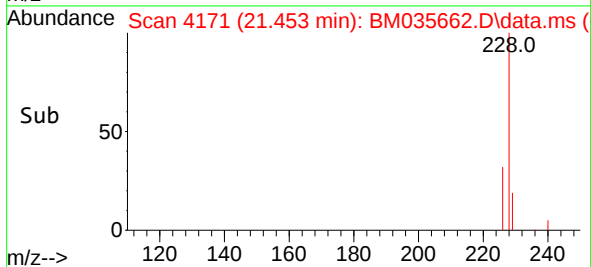
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

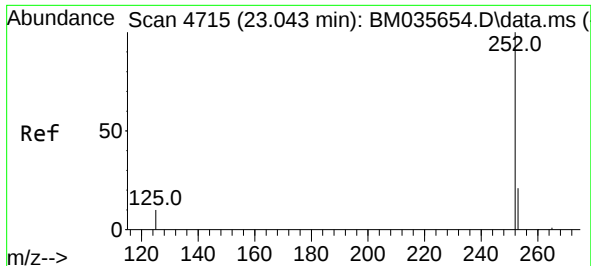


#22
Chrysene
Concen: 0.415 ng/u1
RT: 21.453 min Scan# 4171
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36



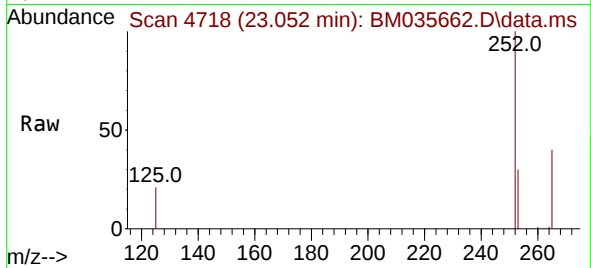
Tgt Ion:228 Resp: 23581
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 23.052 min Scan# 4715
Delta R.T. 0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

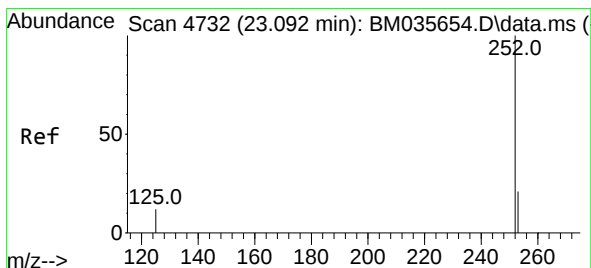
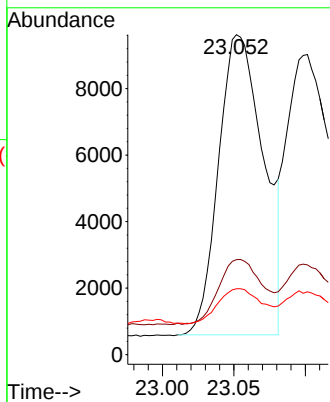
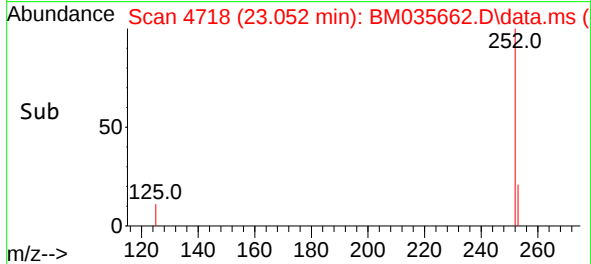
Instrument :
BNA_M
ClientSampleId :
SLCS613



Tgt Ion:252 Resp: 1982
Ion Ratio Lower Upper
252 100
253 29.7 0.0 60.6
125 20.6 0.0 44.8

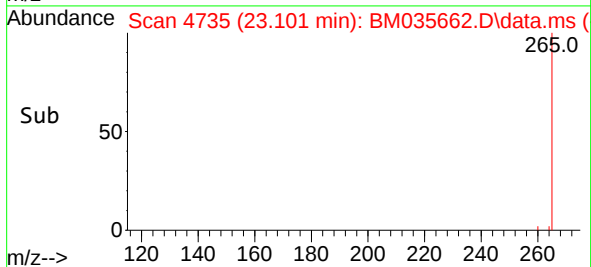
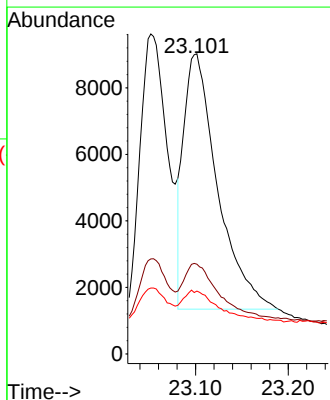
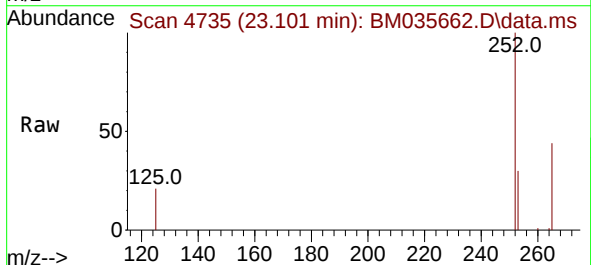
Manual Integrations
APPROVED

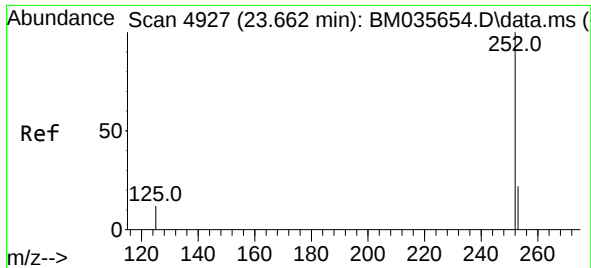
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.004 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:252 Resp: 19472
Ion Ratio Lower Upper
252 100
253 29.9 24.7 37.1
125 20.9 18.2 27.4





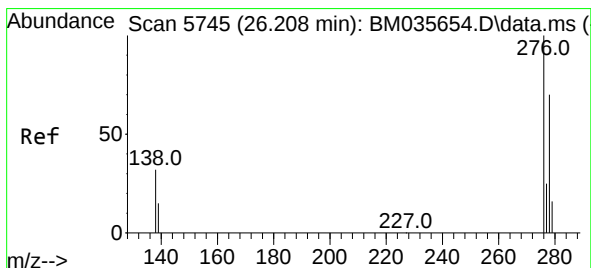
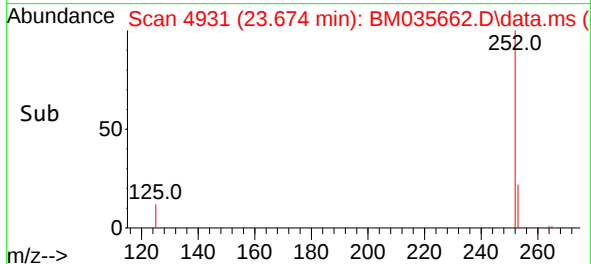
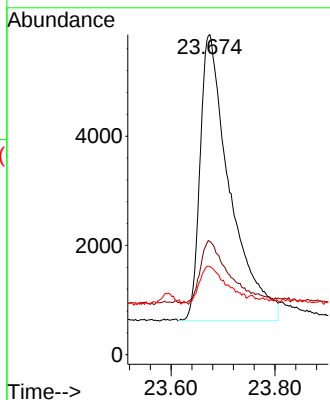
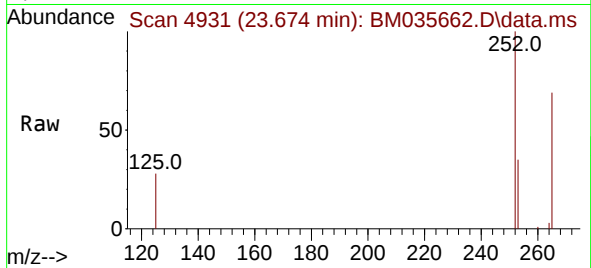
#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.674 min Scan# 4931
Delta R.T. 0.007 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Instrument :
BNA_M
ClientSampleId :
SLCS613

Tgt Ion:252 Resp: 20814
Ion Ratio Lower Upper
252 100
253 35.4 27.8 41.6
125 27.5 23.3 34.9

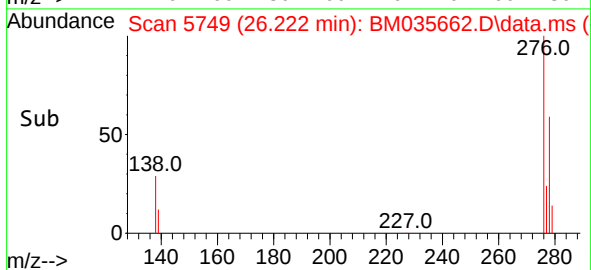
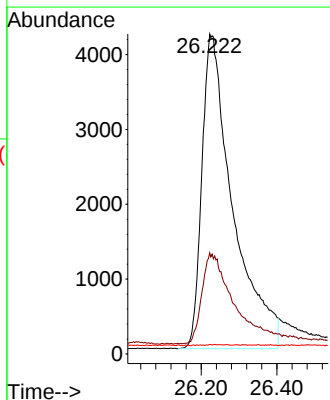
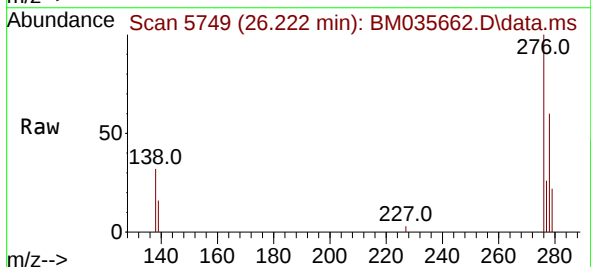
Manual Integrations
APPROVED

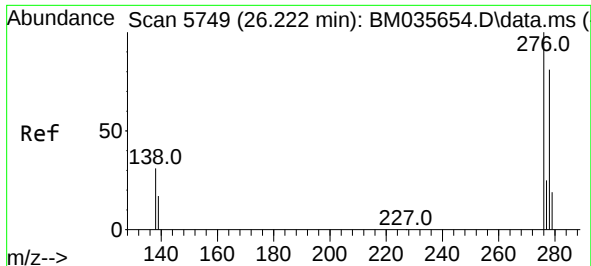
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.222 min Scan# 5749
Delta R.T. 0.011 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

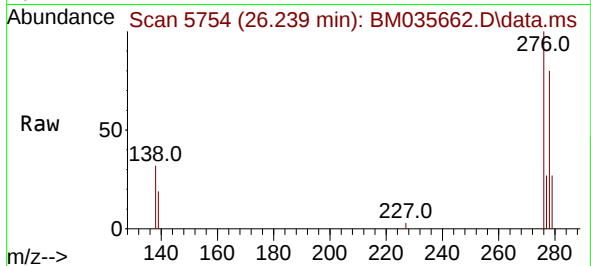
Tgt Ion:276 Resp: 23887
Ion Ratio Lower Upper
276 100
138 29.6 24.8 37.2
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.239 min Scan# 5168
Delta R.T. 0.018 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

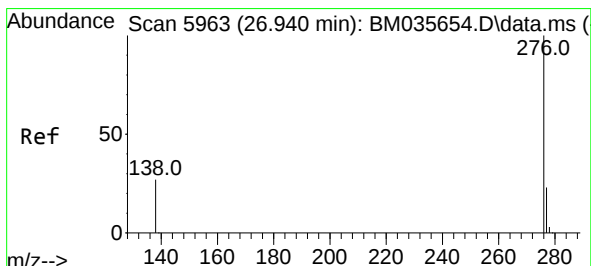
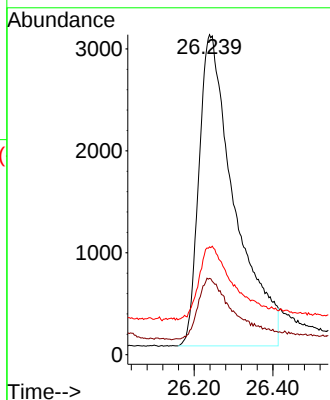
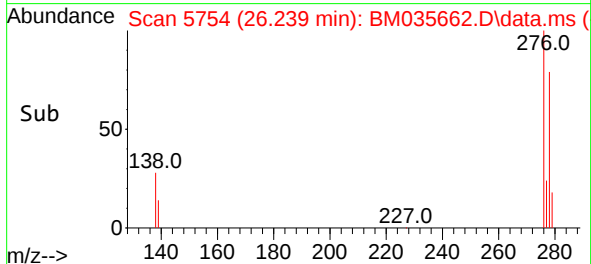
Instrument :
BNA_M
ClientSampleId :
SLCS613



Tgt Ion:278 Resp: 1916
Ion Ratio Lower Upper
278 100
139 23.9 19.1 28.7
279 33.7 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: 0.440 ng/ul
RT: 26.947 min Scan# 5965
Delta R.T. 0.001 min
Lab File: BM035662.D
Acq: 24 Jun 2022 14:36

Tgt Ion:276 Resp: 22268
Ion Ratio Lower Upper
276 100
138 28.3 23.1 34.7
277 25.9 20.3 30.5

