

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035635.D
 Acq On : 23 Jun 2022 21:06
 Operator : CG/JU
 Sample : PB145602BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS602

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 24 01:36:18 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	7.884	152	3667	0.400	ng/ul	0.03
4) Naphthalene-d8	10.650	136	15765	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	9390m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	19640	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	15546	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	12446	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3556	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	7951	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.247	212	20031	0.384	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	11112	2.163	ng/ul#	57
5) Naphthalene	10.699	128	18714	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	11195	0.367	ng/ul	96
8) 1-Methylnaphthalene	12.519	142	11373	0.406	ng/ul	100
10) Acenaphthylene	14.196	152	19413	0.367	ng/ul	100
11) Acenaphthene	14.529	153	14945	0.382	ng/ul	100
12) Fluorene	15.537	166	16989	0.384	ng/ul	100
14) Pentachlorophenol	16.917	266	2852	0.757	ng/ul	99
15) Phenanthrene	17.267	178	27549	0.383	ng/ul	99
16) Anthracene	17.368	178	23640	0.375	ng/ul	99
19) Fluoranthene	19.280	202	33692	0.424	ng/ul	99
20) Pyrene	19.642	202	37270	0.447	ng/ul	98
21) Benzo(a)anthracene	21.394	228	23269	0.396	ng/ul	99
22) Chrysene	21.441	228	29852	0.427	ng/ul	100
24) Benzo(b)fluoranthene	23.040	252	23743	0.436	ng/ul	94
25) Benzo(k)fluoranthene	23.087	252	24093	0.426	ng/ul	95
26) Benzo(a)pyrene	23.660	252	24156	0.428	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.208	276	27041	0.415	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.218	278	22099	0.416	ng/ul	96
29) Benzo(g,h,i)perylene	26.940	276	24541	0.421	ng/ul	99

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

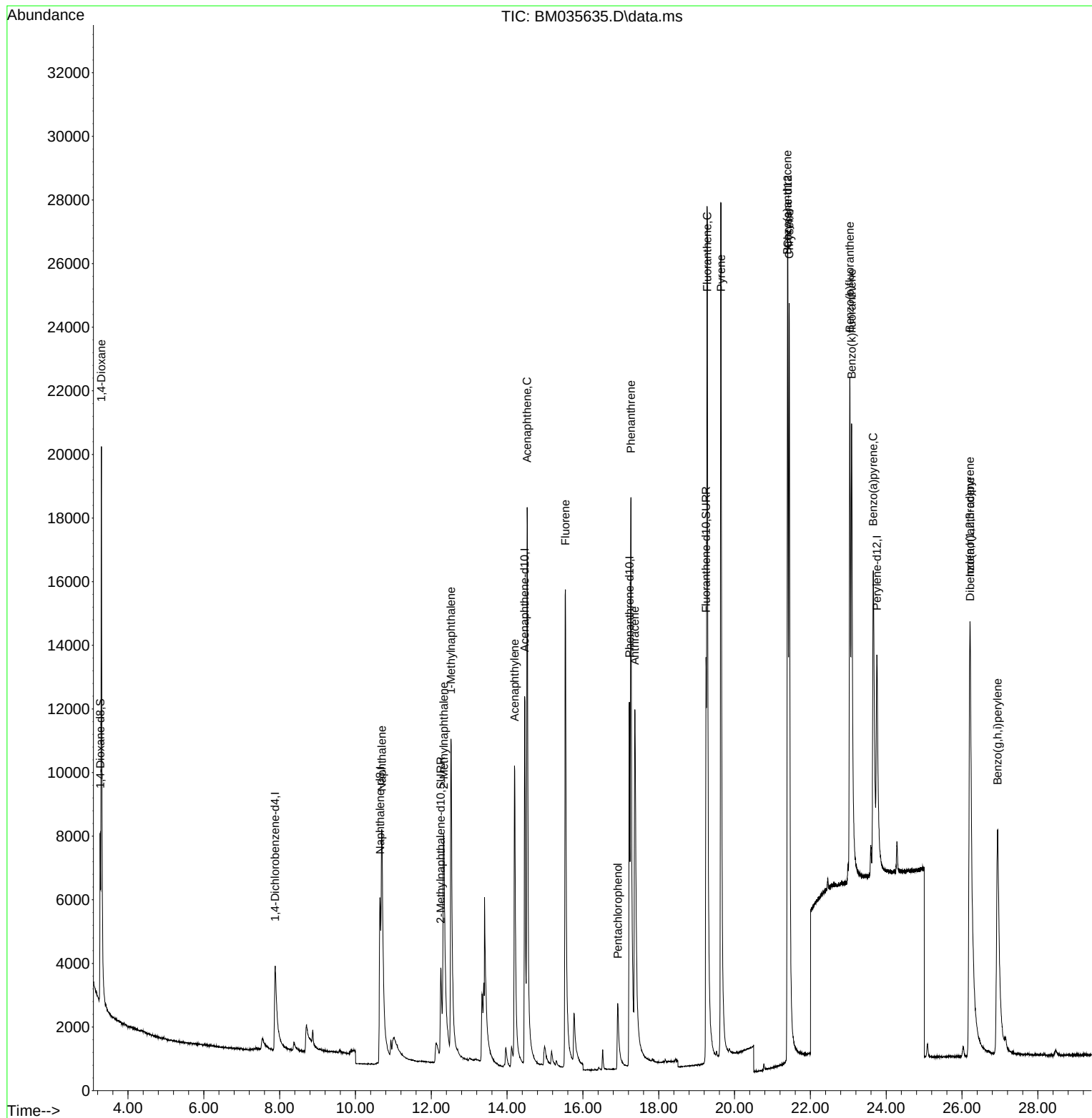
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035635.D
Acq On : 23 Jun 2022 21:06
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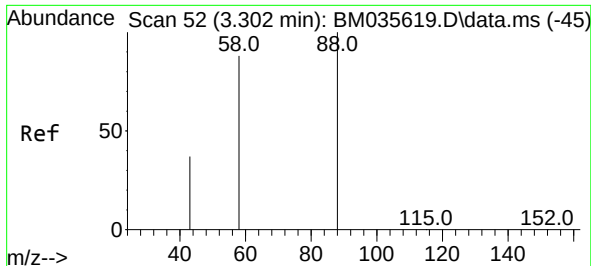
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Quant Time: Jun 24 01:36:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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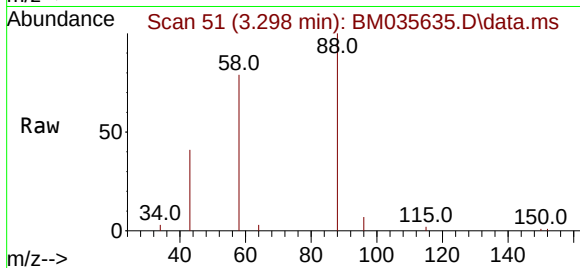
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022





#2
1,4-Dioxane
Concen: 2.163 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

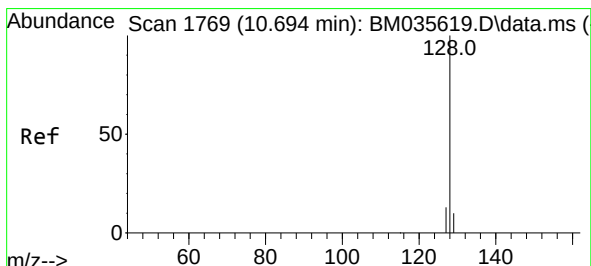
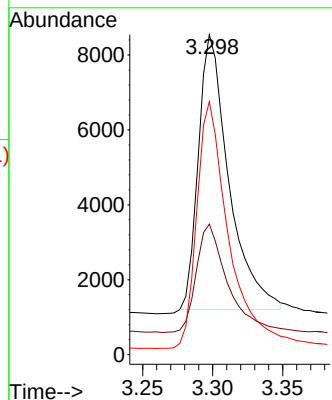
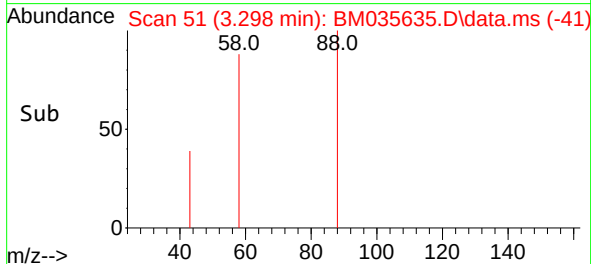
Instrument :
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Tgt Ion: 88 Resp: 1111
Ion Ratio Lower Upper
88 100
43 40.8 70.4 105.6
58 79.0 45.6 68.4

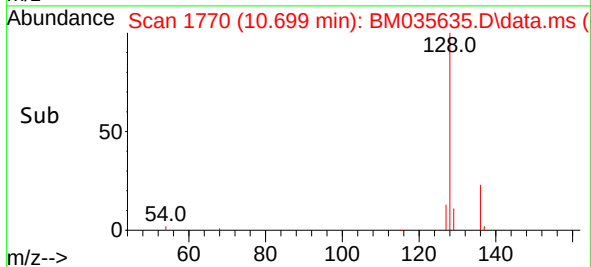
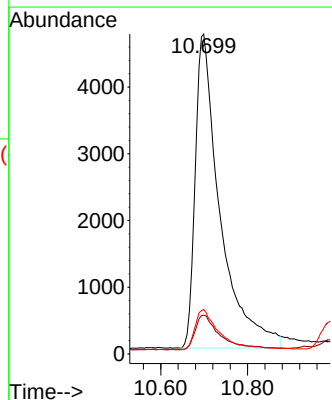
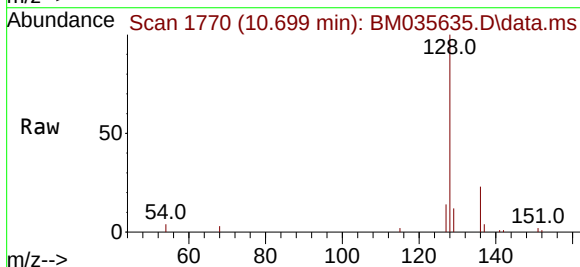
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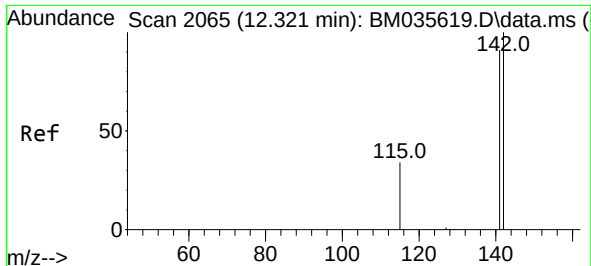
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

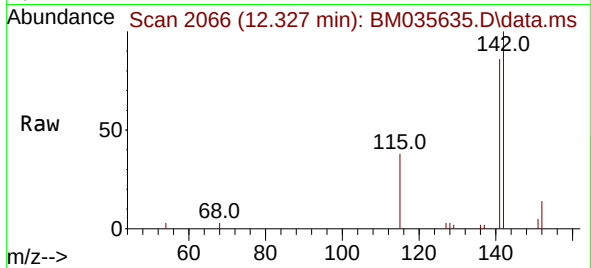
Tgt Ion:128 Resp: 18714
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.9 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

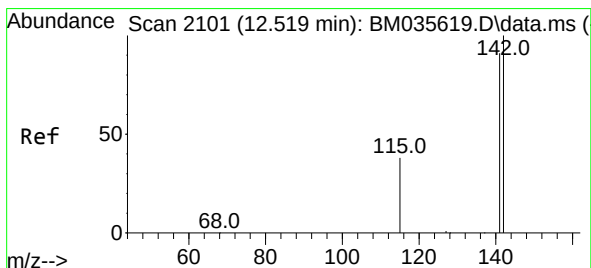
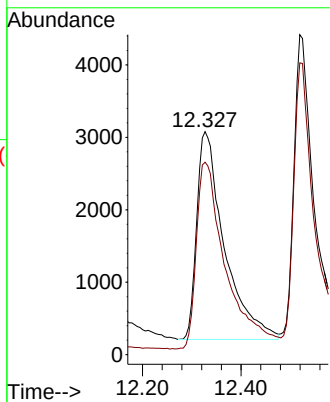
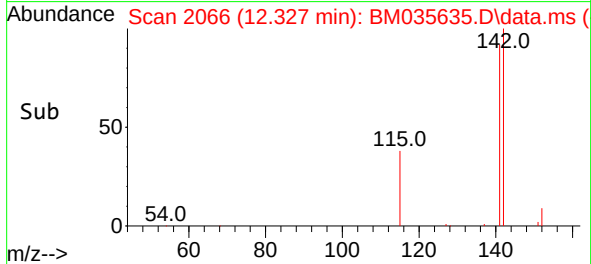
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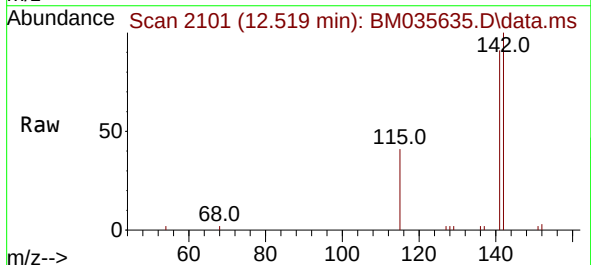
Tgt Ion:142 Resp: 1119
Ion Ratio Lower Upper
142 100
141 96.3 73.8 110.8

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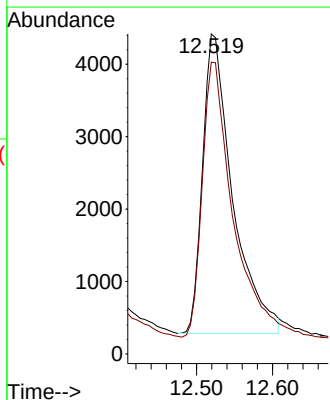
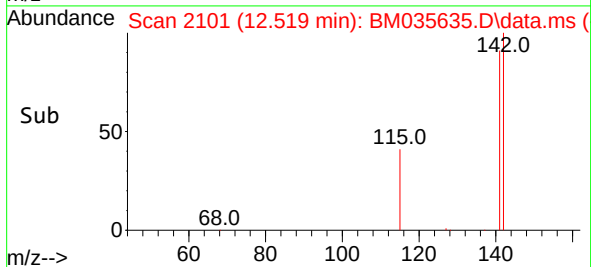
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

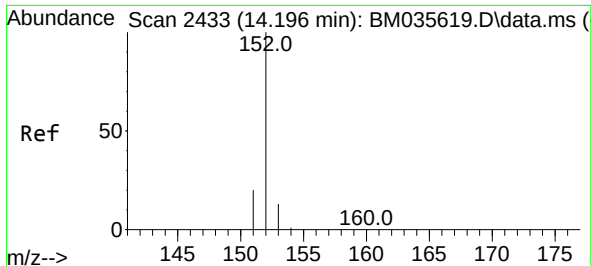


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06



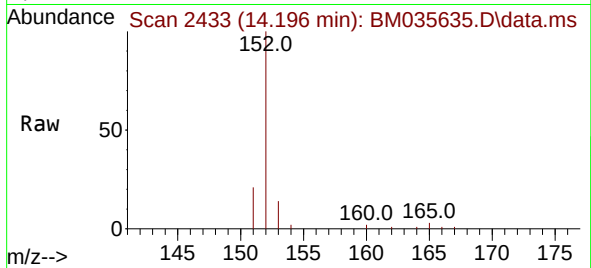
Tgt Ion:142 Resp: 11373
Ion Ratio Lower Upper
142 100
141 92.9 74.6 111.8





#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

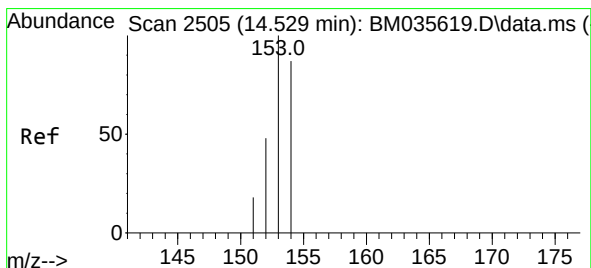
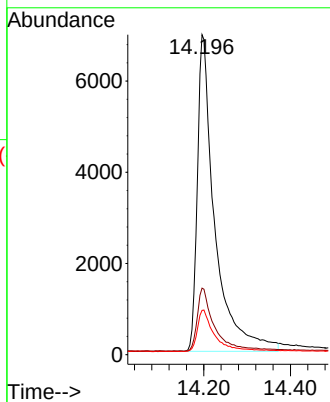
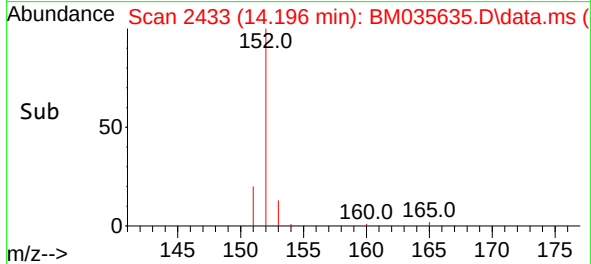
Instrument :
BNA_M
ClientSampleId :
SLCS602



Tgt Ion:152 Resp: 1941
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.9 11.1 16.7

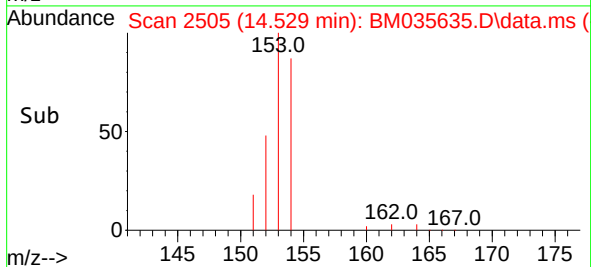
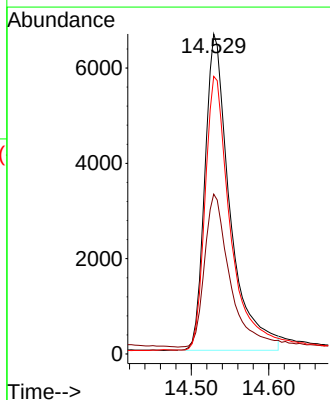
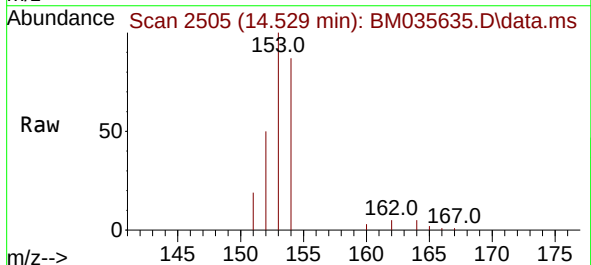
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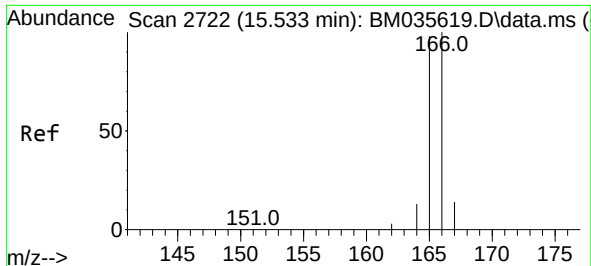
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

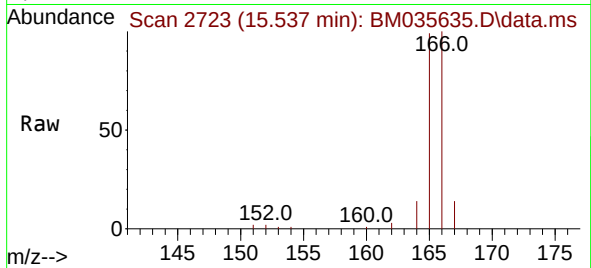
Tgt Ion:153 Resp: 14945
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 86.8 69.1 103.7





#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.537 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

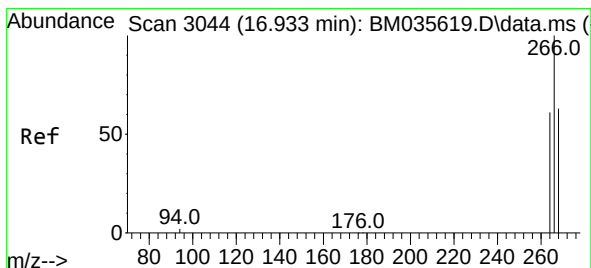
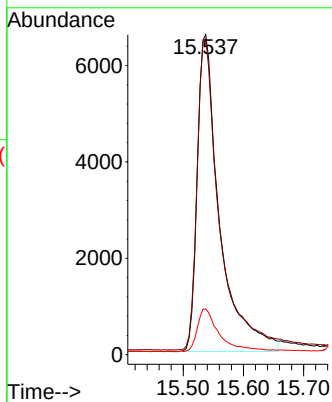
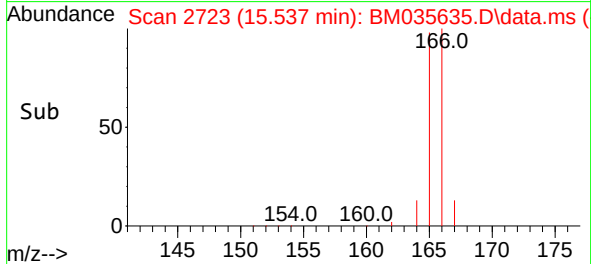
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ClientSampleId :
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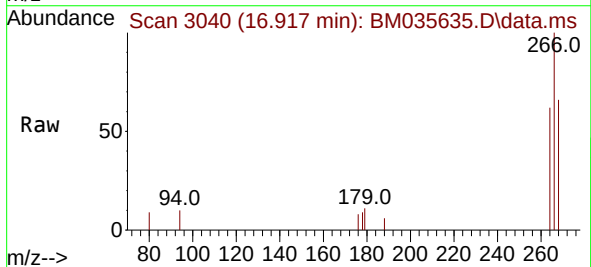
Tgt Ion:166 Resp: 1698
Ion Ratio Lower Upper
166 100
165 98.7 78.7 118.1
167 14.2 11.6 17.4

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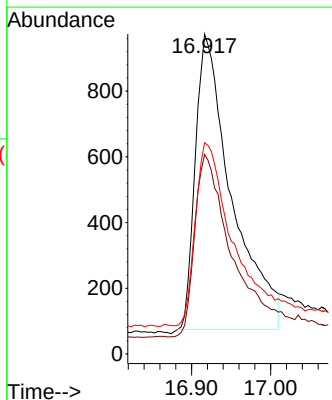
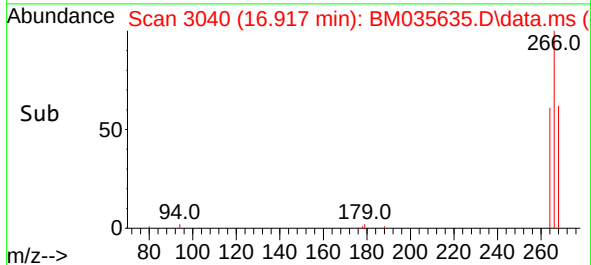
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Supervised By :Yogesh Patel 06/28/2022

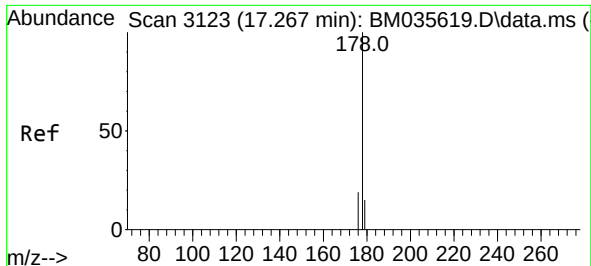


#14
Pentachlorophenol
Concen: 0.757 ng/ul
RT: 16.917 min Scan# 3040
Delta R.T. -0.013 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06



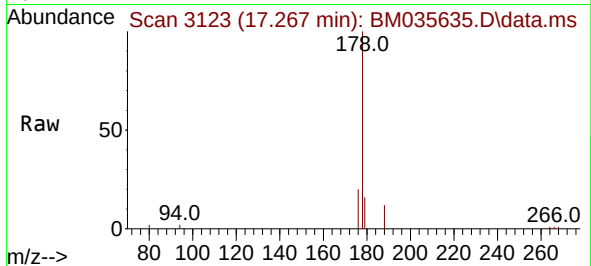
Tgt Ion:266 Resp: 2852
Ion Ratio Lower Upper
266 100
264 62.6 51.0 76.4
268 63.7 51.7 77.5





#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.267 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

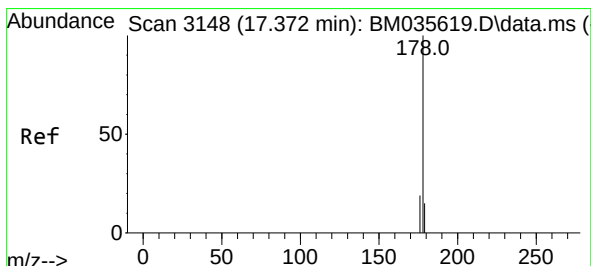
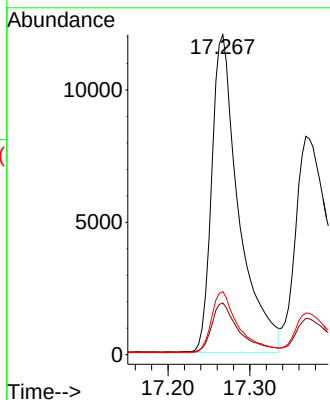
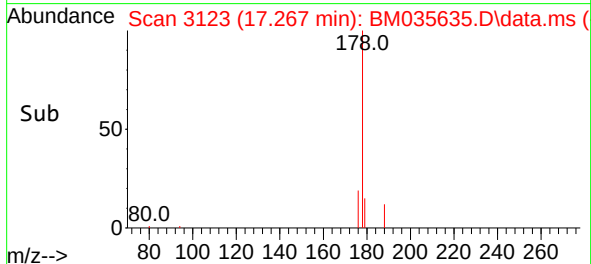
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BNA_M
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SLCS602



Tgt Ion:178 Resp: 27549
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 19.7 16.2 24.4

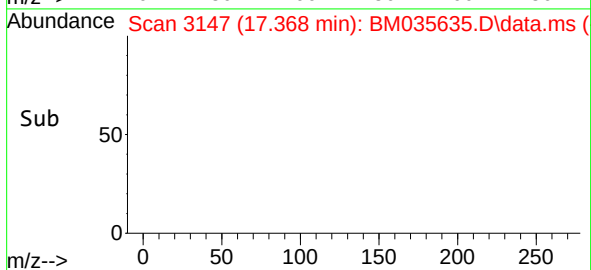
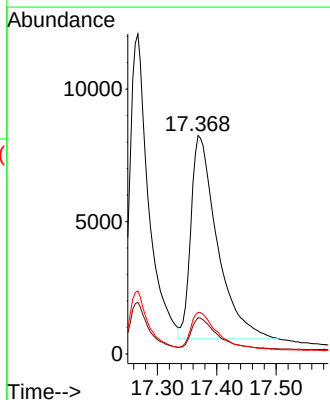
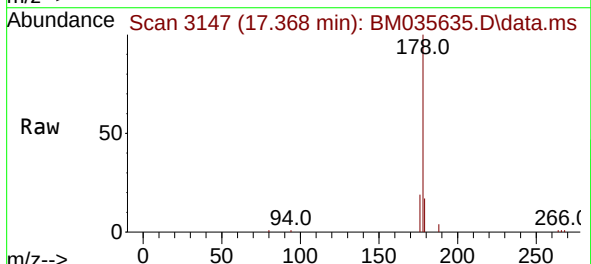
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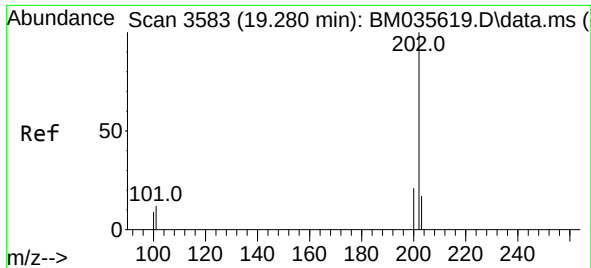
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#16
Anthracene
Concen: 0.375 ng/u1
RT: 17.368 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

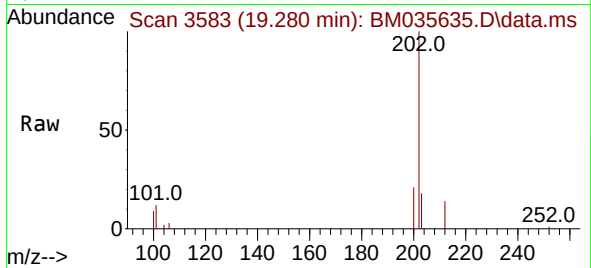
Tgt Ion:178 Resp: 23640
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.0
176 19.1 15.9 23.9





#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.280 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

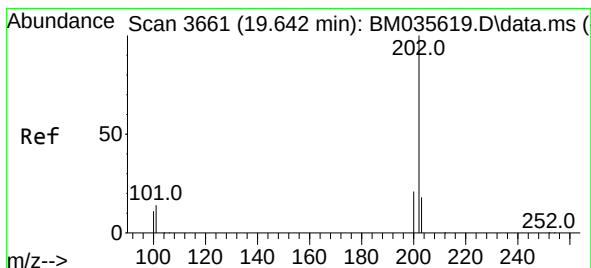
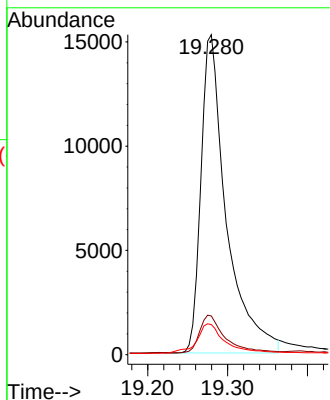
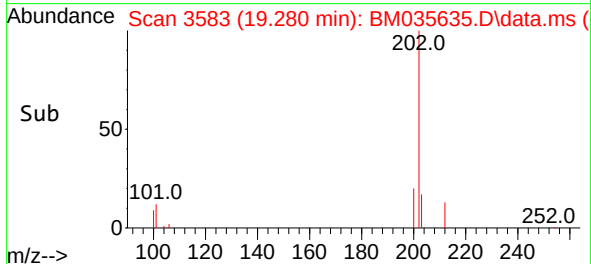
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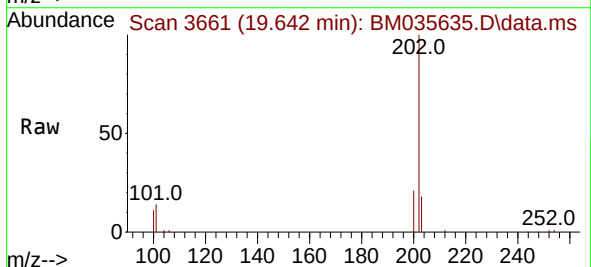
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Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 9.4 7.5 11.3

Manual Integrations
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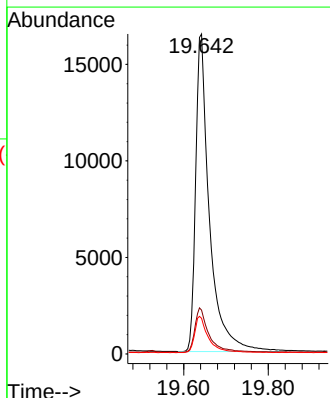
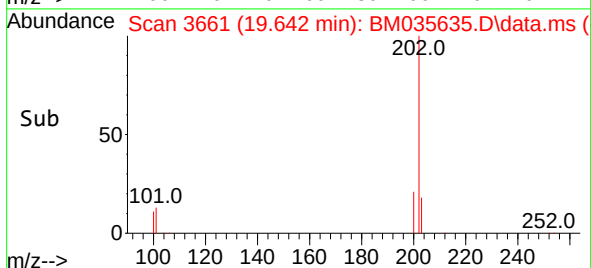
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

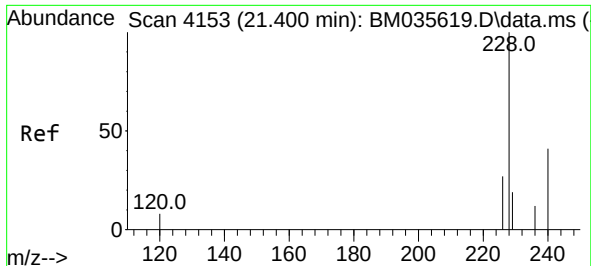


#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.642 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06



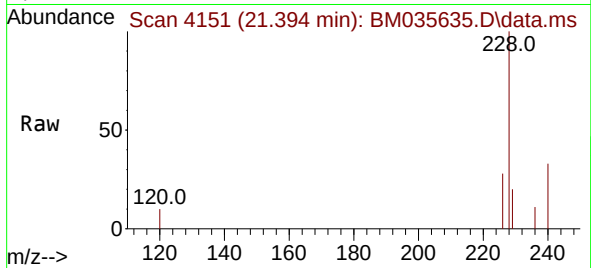
Tgt Ion:202 Resp: 37270
Ion Ratio Lower Upper
202 100
101 13.7 11.6 17.4
100 11.1 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.396 ng/u1
RT: 21.394 min Scan# 4153
Delta R.T. -0.005 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

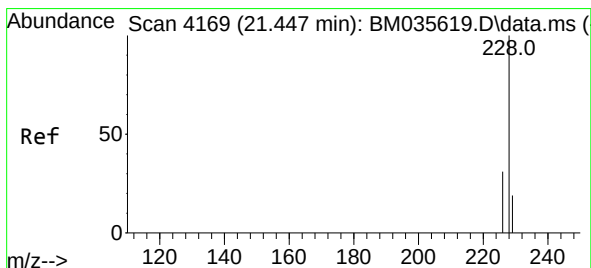
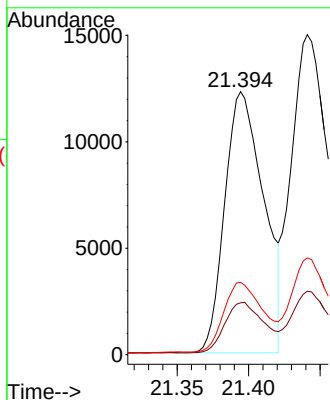
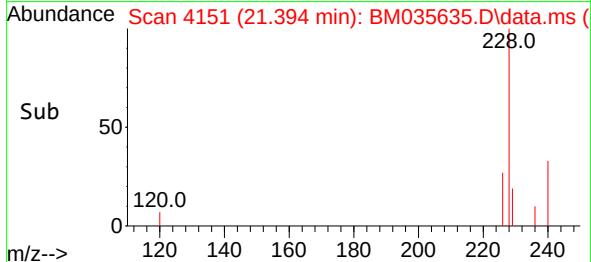
Instrument :
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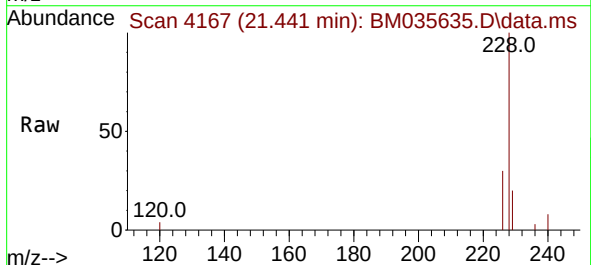
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Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.5 22.3 33.5

Manual Integrations
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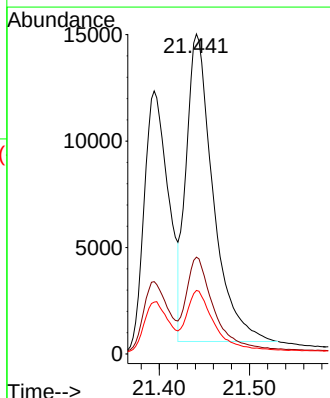
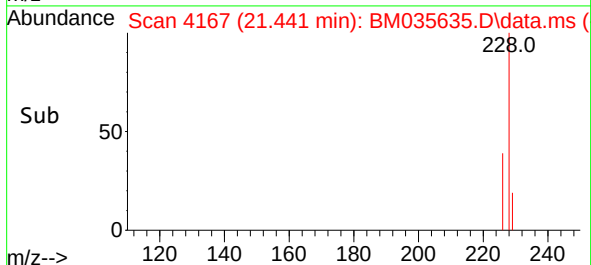
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

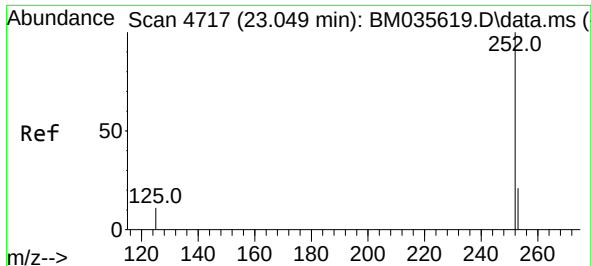


#22
Chrysene
Concen: 0.427 ng/u1
RT: 21.441 min Scan# 4167
Delta R.T. -0.008 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06



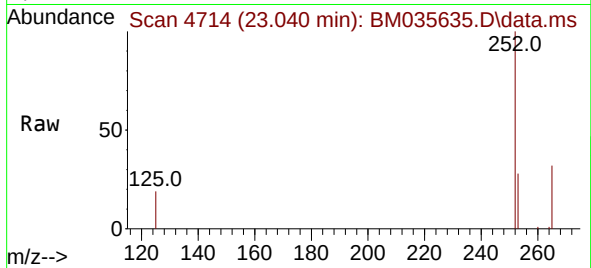
Tgt Ion:228 Resp: 29852
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.040 min Scan# 4717
Delta R.T. -0.011 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

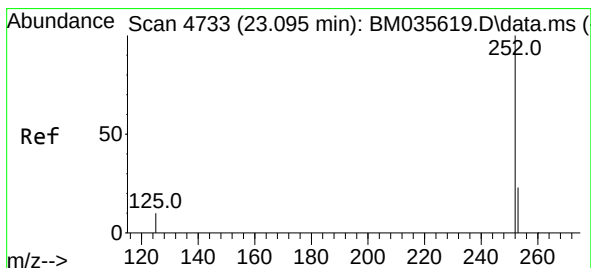
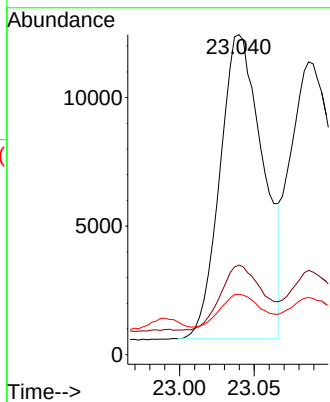
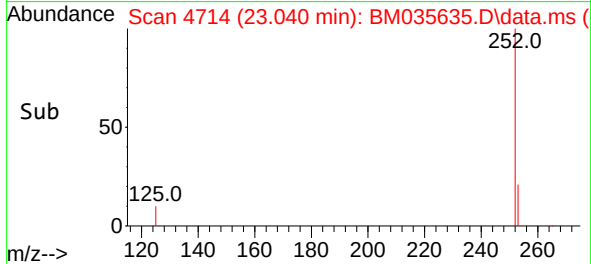
Instrument :
BNA_M
ClientSampleId :
SLCS602



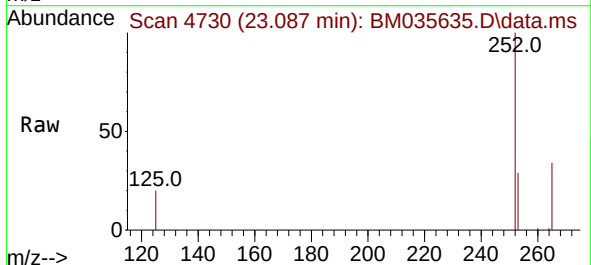
Tgt Ion:252 Resp: 2374
Ion Ratio Lower Upper
252 100
253 28.0 0.0 60.6
125 18.8 0.0 44.8

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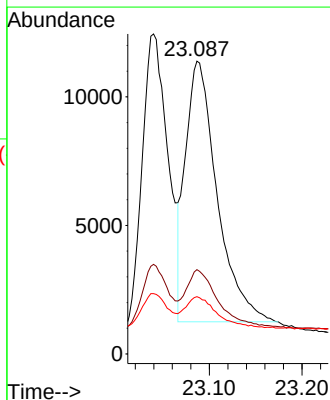
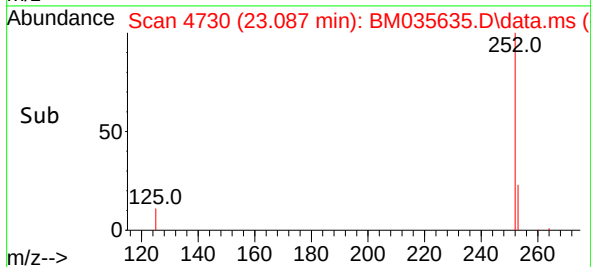
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

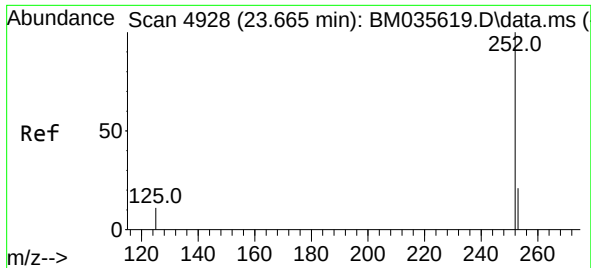


#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.087 min Scan# 4730
Delta R.T. -0.011 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06



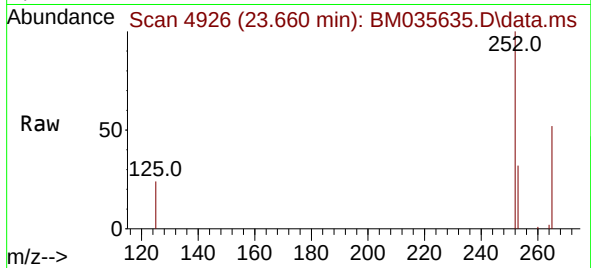
Tgt Ion:252 Resp: 24093
Ion Ratio Lower Upper
252 100
253 28.8 24.7 37.1
125 19.6 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.428 ng/ul
RT: 23.660 min Scan# 4928
Delta R.T. -0.008 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

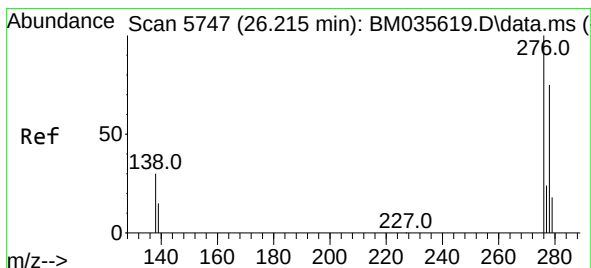
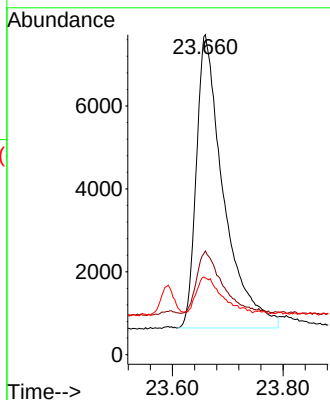
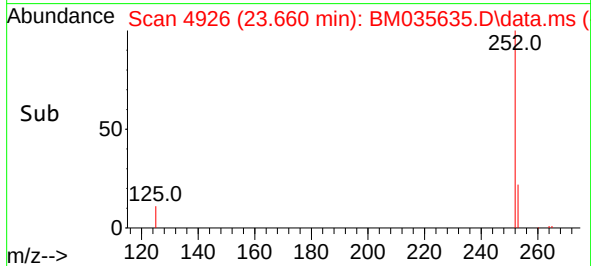
Instrument :
BNA_M
ClientSampleId :
SLCS602



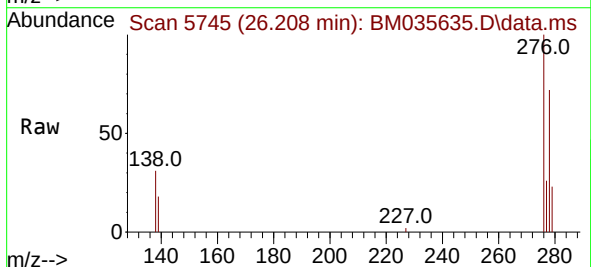
Tgt Ion:252 Resp: 24156
Ion Ratio Lower Upper
252 100
253 32.4 27.8 41.6
125 23.9 23.3 34.9

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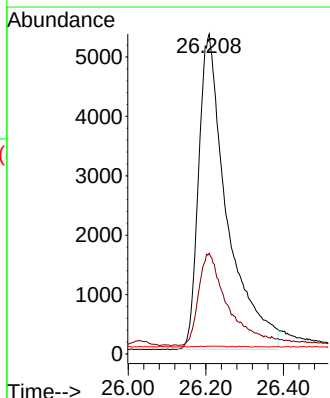
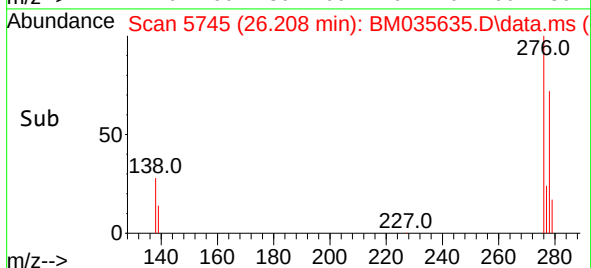
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

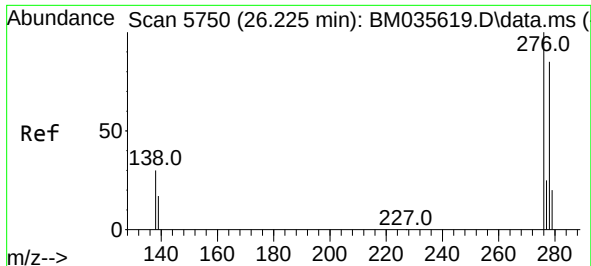


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 26.208 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06



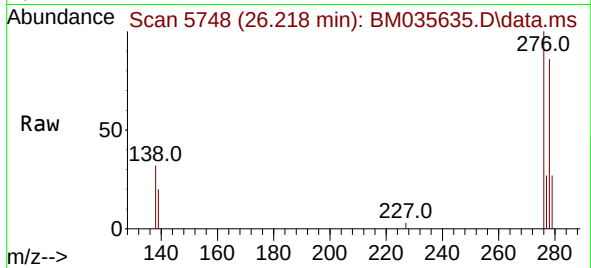
Tgt Ion:276 Resp: 27041
Ion Ratio Lower Upper
276 100
138 30.1 24.8 37.2
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 26.218 min Scan# 5748
Delta R.T. -0.003 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

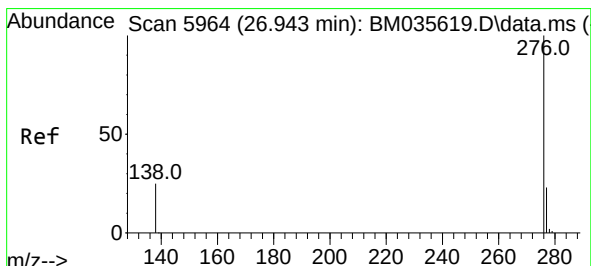
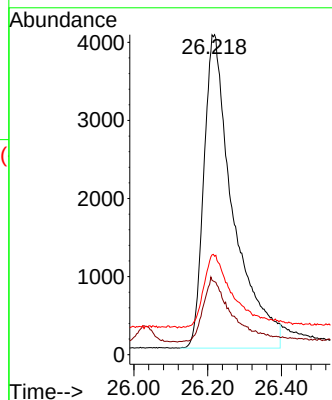
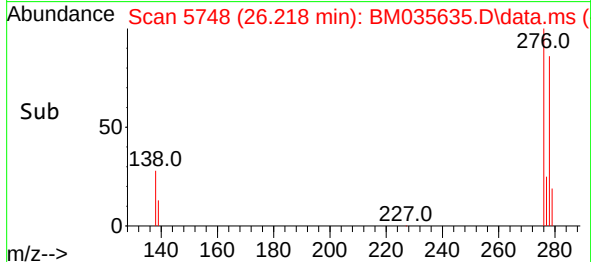
Instrument :
BNA_M
ClientSampleId :
SLCS602



Tgt Ion:278 Resp: 22099
Ion Ratio Lower Upper
278 100
139 22.8 19.1 28.7
279 30.8 26.7 40.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 26.940 min Scan# 5963
Delta R.T. -0.006 min
Lab File: BM035635.D
Acq: 23 Jun 2022 21:06

Tgt Ion:276 Resp: 24541
Ion Ratio Lower Upper
276 100
138 28.3 23.1 34.7
277 25.4 20.3 30.5

