

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034629.D
 Acq On : 12 Apr 2022 19:53
 Operator : CG/JU
 Sample : PB144046BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS046

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:01:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	1321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.711	136	4609	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.534	164	2460	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3515	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	3378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.852	264	2556	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	2112	0.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2466	0.404	ng/ul	0.01
18) Fluoranthene-d10	19.313	212	4608	0.469	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	5318	2.346	ng/ul#	82
5) Naphthalene	10.766	128	5178	0.388	ng/ul	95
7) 2-Methylnaphthalene	12.388	142	2901	0.364	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	2969	0.369	ng/ul	99
10) Acenaphthylene	14.261	152	4773	0.413	ng/ul	95
11) Acenaphthene	14.599	153	3574	0.387	ng/ul	97
12) Fluorene	15.593	166	3556	0.374	ng/ul	100
14) Pentachlorophenol	16.947	266	1180	0.866	ng/ul	97
15) Phenanthrene	17.331	178	4690	0.413	ng/ul	99
16) Anthracene	17.436	178	3303	0.380	ng/ul	99
19) Fluoranthene	19.341	202	5840	0.418	ng/ul#	96
20) Pyrene	19.699	202	7227	0.438	ng/ul#	92
21) Benzo(a)anthracene	21.464	228	2696m	0.382	ng/ul	
22) Chrysene	21.505	228	3777	0.424	ng/ul	98
24) Benzo(b)fluoranthene	23.121	252	3748m	0.446	ng/ul	
25) Benzo(k)fluoranthene	23.170	252	3655	0.434	ng/ul#	78
26) Benzo(a)pyrene	23.752	252	4914	0.509	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.345	276	5574	0.435	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.405	278	4133	0.446	ng/ul#	55
29) Benzo(g,h,i)perylene	27.086	276	6335	0.454	ng/ul#	93

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

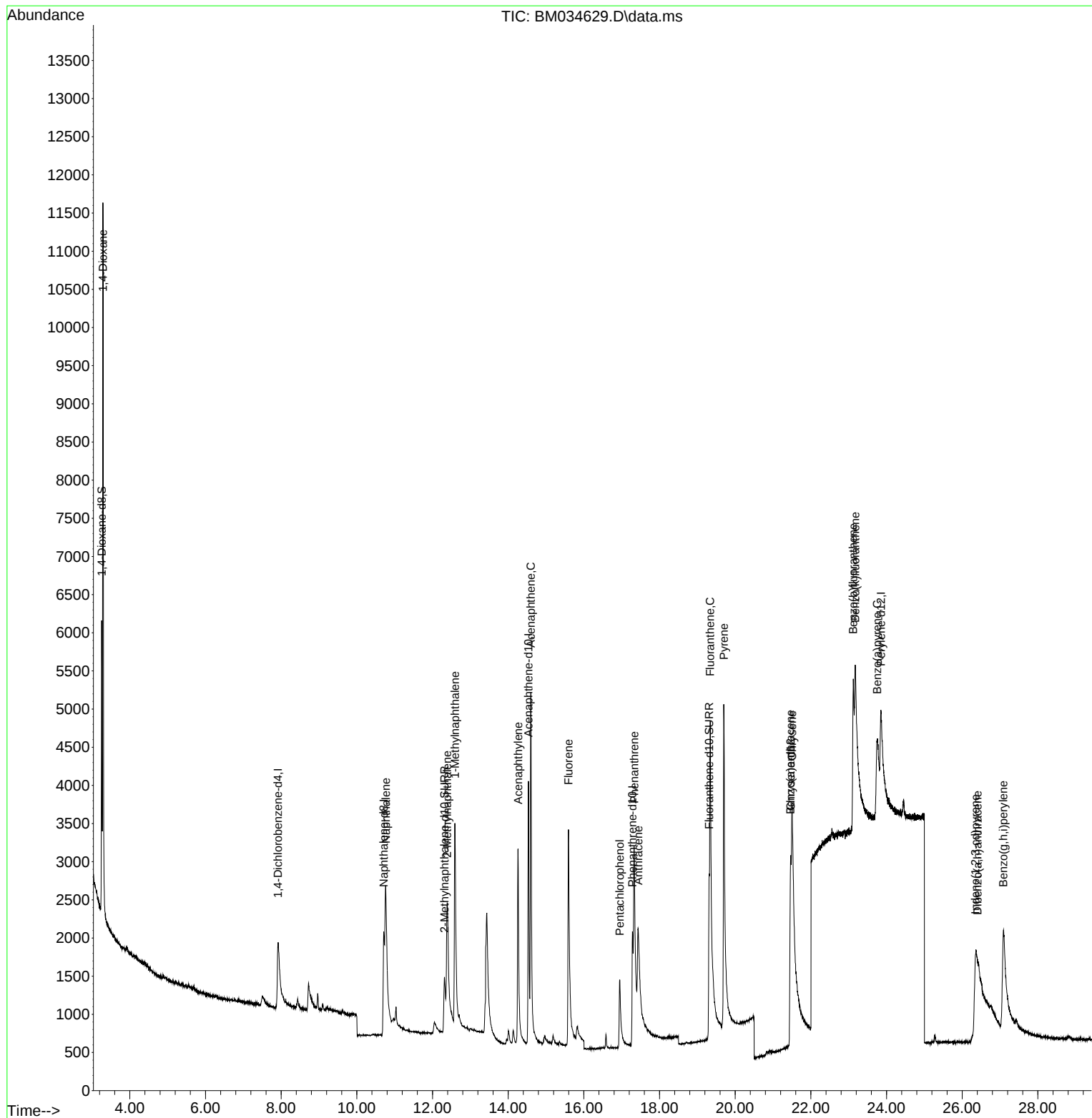
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034629.D
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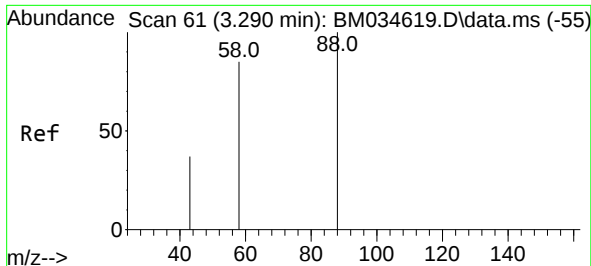
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Quant Time: Apr 13 05:01:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
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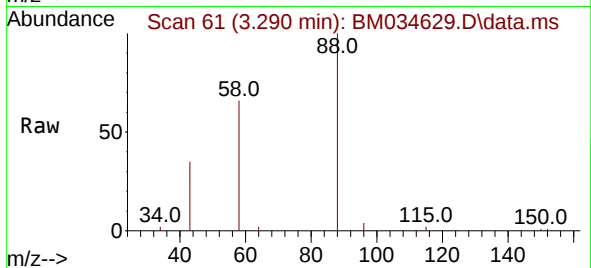
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022





#2
1,4-Dioxane
Concen: 2.346 ng/ul
RT: 3.290 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

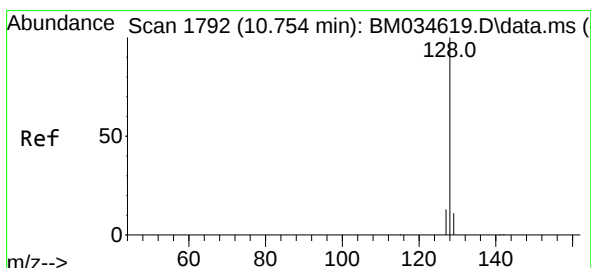
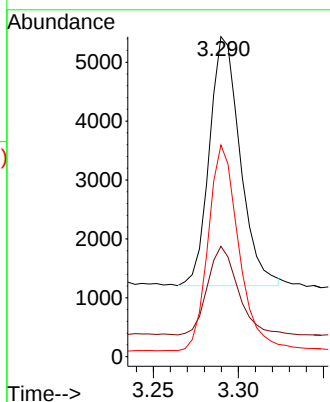
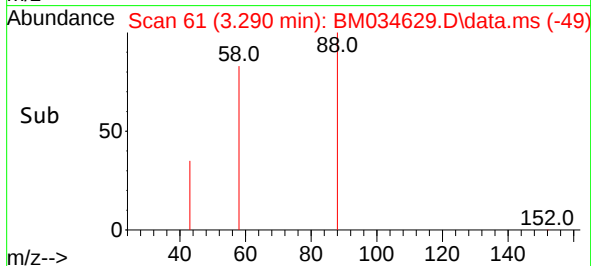
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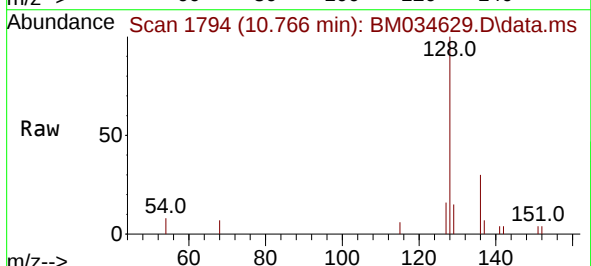
Tgt Ion: 88 Resp: 5318
Ion Ratio Lower Upper
88 100
43 34.5 49.7 74.5
58 66.2 52.5 78.7

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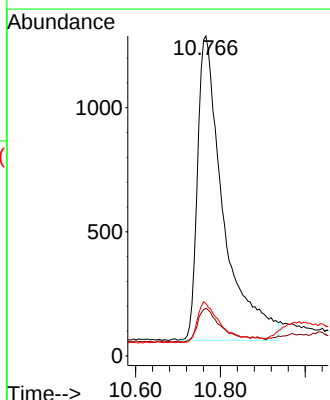
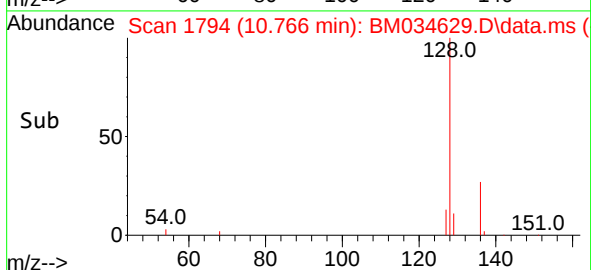
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

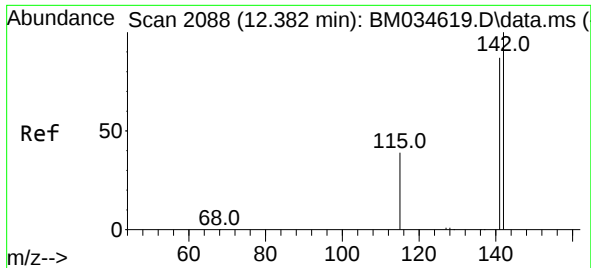


#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.766 min Scan# 1794
Delta R.T. 0.011 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



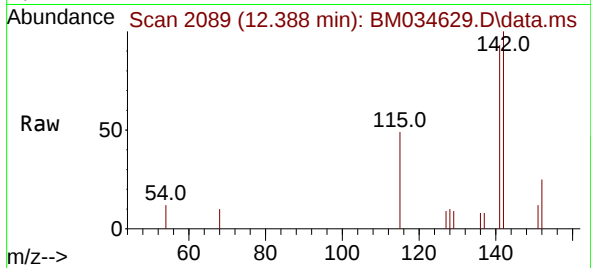
Tgt Ion:128 Resp: 5178
Ion Ratio Lower Upper
128 100
129 14.9 13.4 20.2
127 16.4 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.388 min Scan# 2088
Delta R.T. 0.006 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

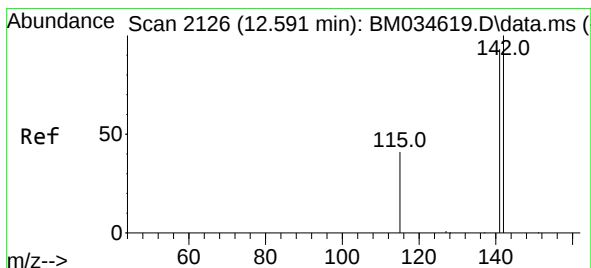
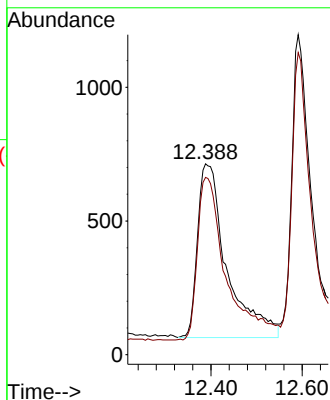
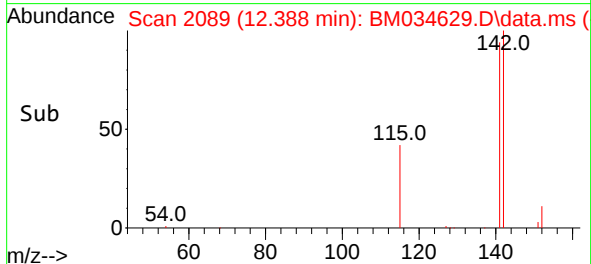
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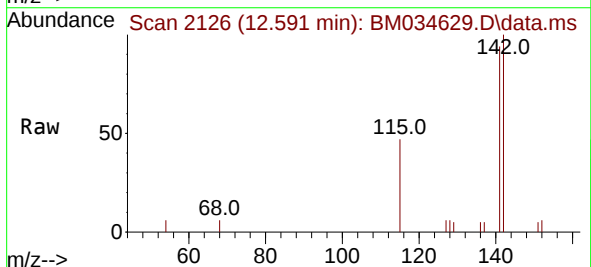
Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
141 92.6 71.8 107.6

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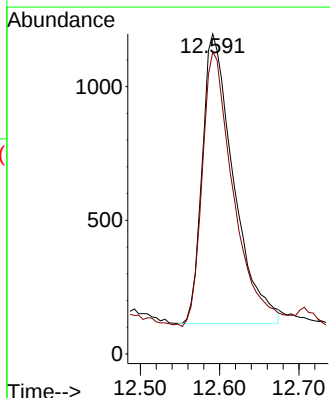
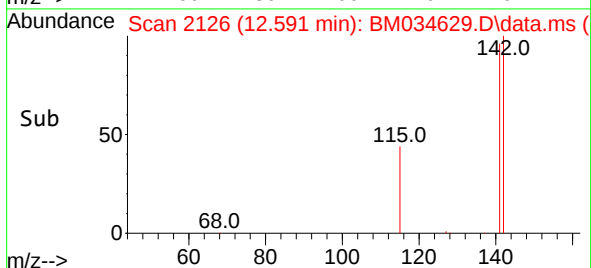
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

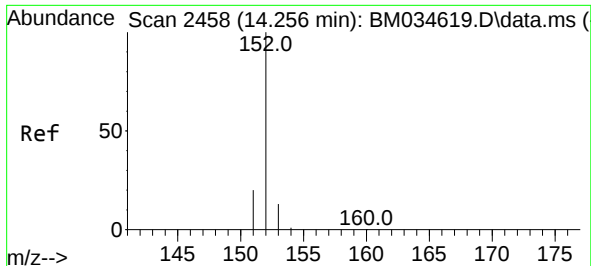


#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



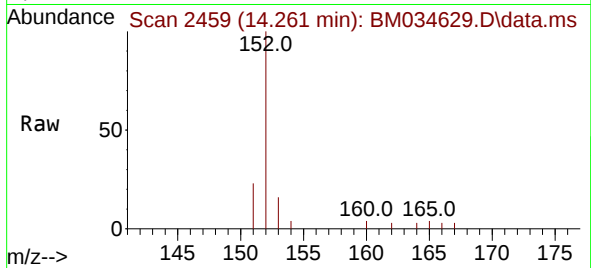
Tgt Ion:142 Resp: 2969
Ion Ratio Lower Upper
142 100
141 94.3 75.0 112.4





#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.261 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

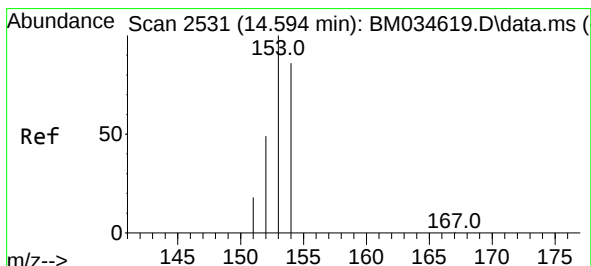
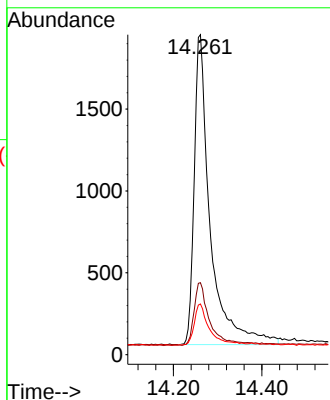
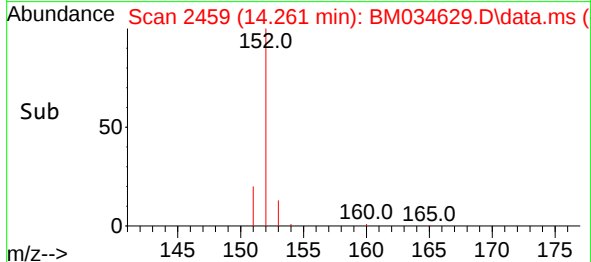
Instrument :
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ClientSampleId :
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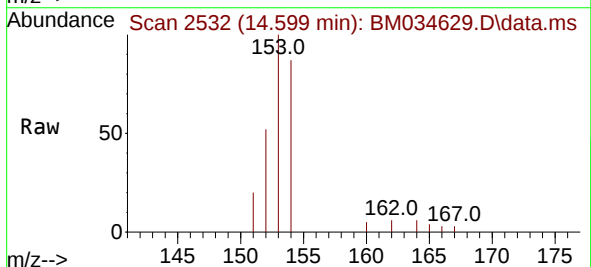
Tgt Ion:152 Resp: 477
Ion Ratio Lower Upper
152 100
151 22.5 19.9 29.9
153 15.9 15.0 22.4

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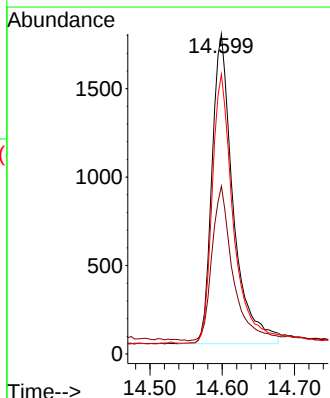
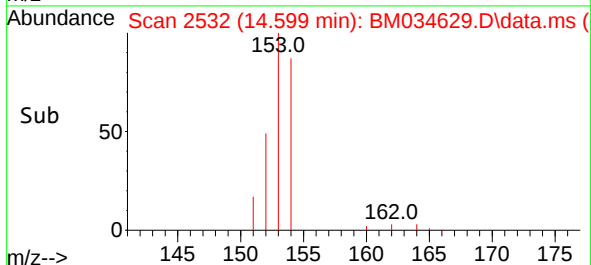
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

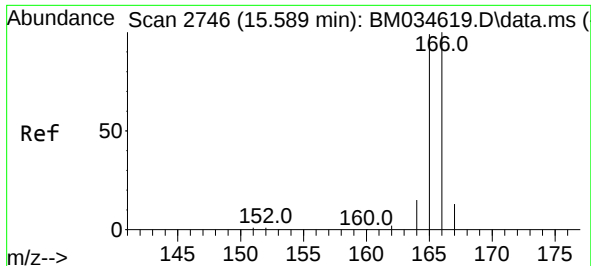


#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.599 min Scan# 2532
Delta R.T. 0.005 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



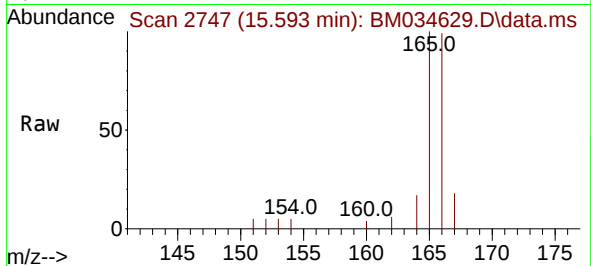
Tgt Ion:153 Resp: 3574
Ion Ratio Lower Upper
153 100
152 52.5 42.4 63.6
154 87.4 66.2 99.2





#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.593 min Scan# 2747
Delta R.T. 0.005 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

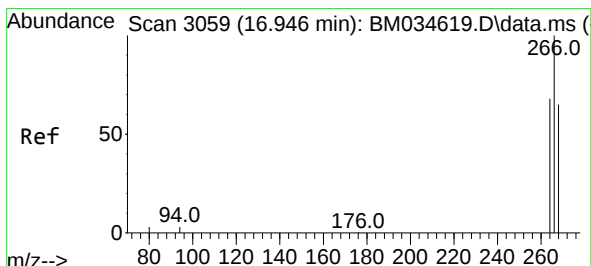
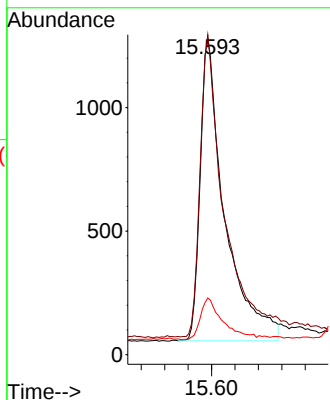
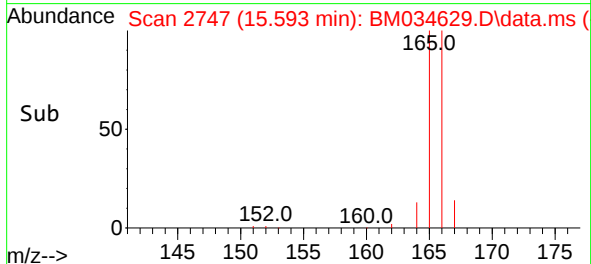
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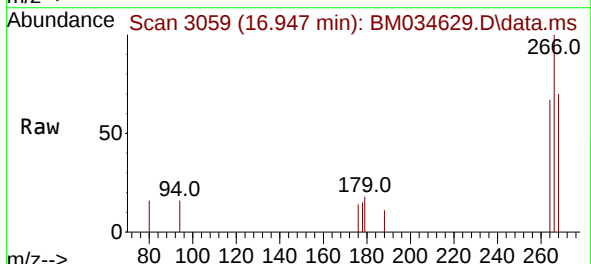
Tgt Ion:166 Resp: 3550
Ion Ratio Lower Upper
166 100
165 101.2 81.1 121.7
167 17.9 14.9 22.3

Manual Integrations
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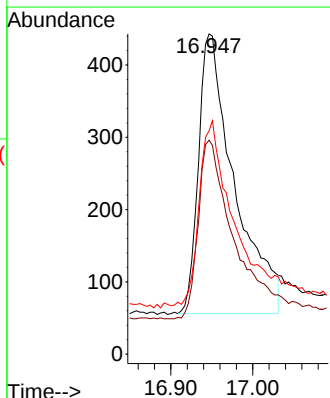
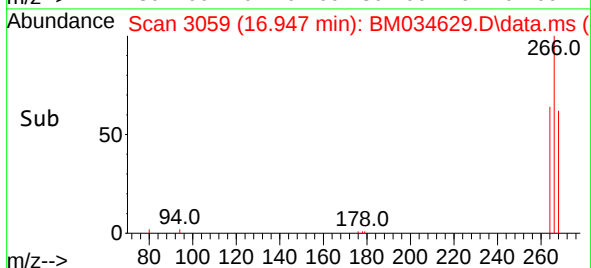
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

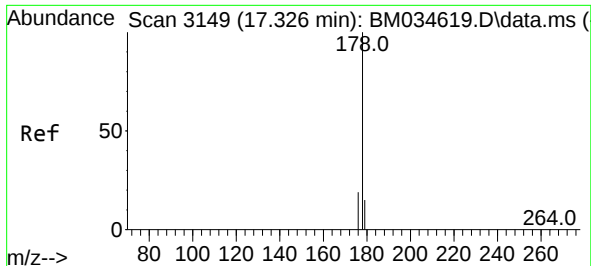


#14
Pentachlorophenol
Concen: 0.866 ng/ul
RT: 16.947 min Scan# 3059
Delta R.T. 0.000 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



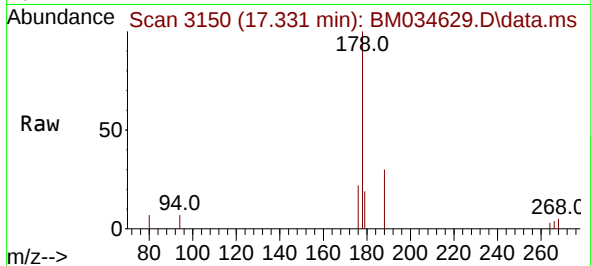
Tgt Ion:266 Resp: 1180
Ion Ratio Lower Upper
266 100
264 62.4 51.4 77.0
268 63.3 53.1 79.7





#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.331 min Scan# 3149
Delta R.T. 0.004 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

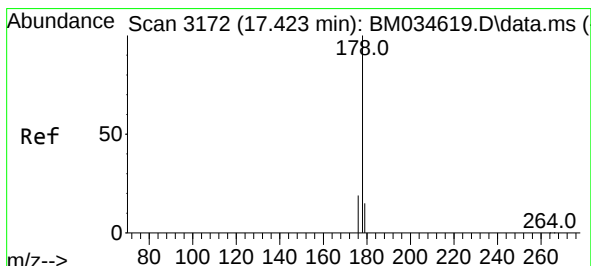
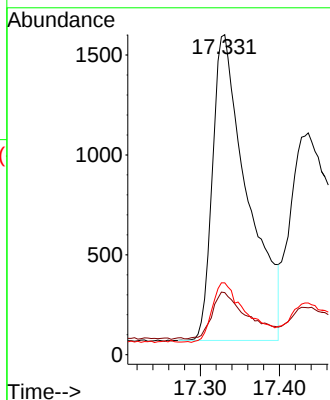
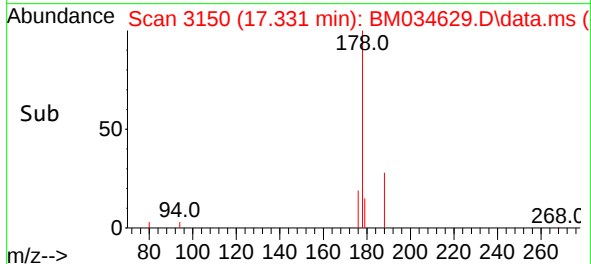
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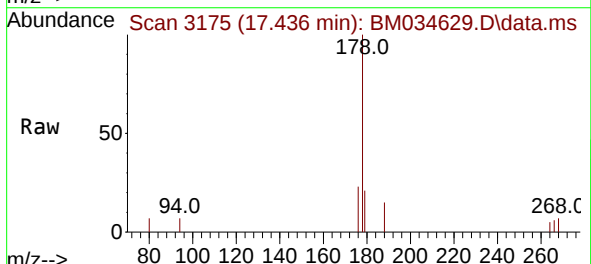
Tgt Ion:178 Resp: 4690
Ion Ratio Lower Upper
178 100
179 19.4 15.0 22.6
176 22.5 17.9 26.9

Manual Integrations
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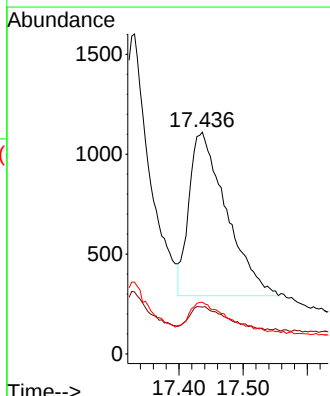
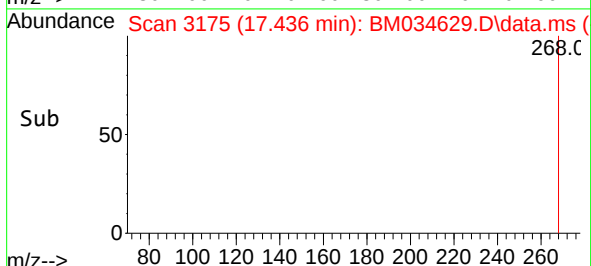
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

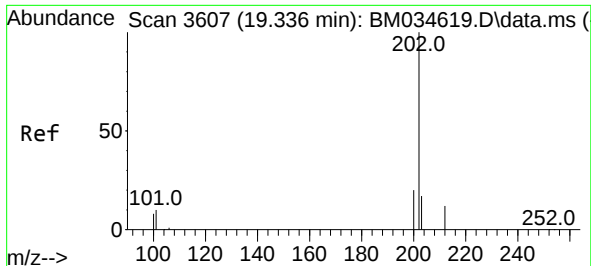


#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.436 min Scan# 3175
Delta R.T. 0.013 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



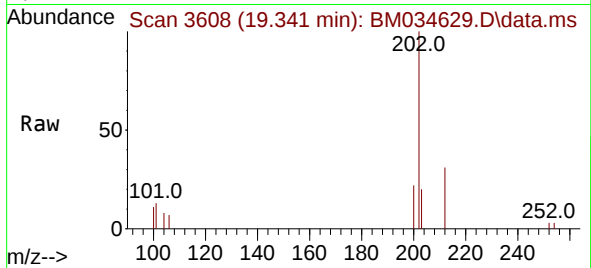
Tgt Ion:178 Resp: 3303
Ion Ratio Lower Upper
178 100
179 21.2 16.5 24.7
176 23.3 18.3 27.5





#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.341 min Scan# 3608
Delta R.T. 0.005 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

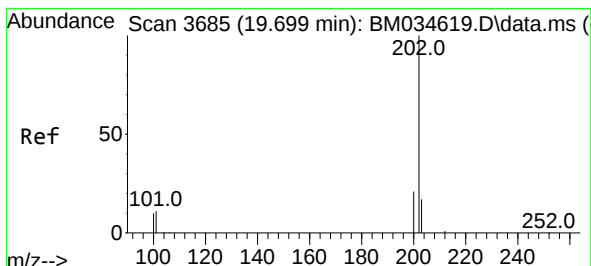
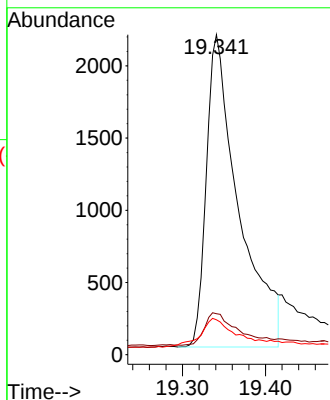
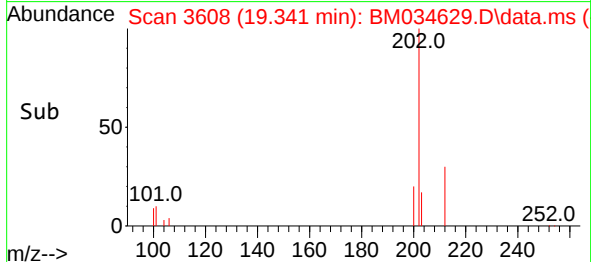
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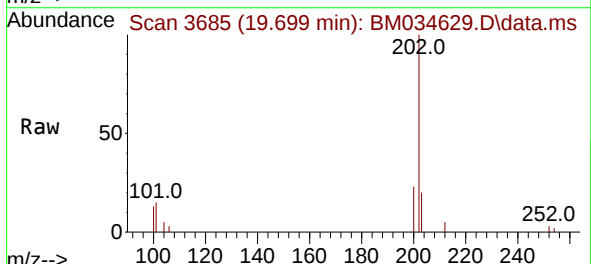
Tgt Ion:202 Resp: 5840
Ion Ratio Lower Upper
202 100
101 12.8 9.2 13.8
100 10.9 7.2 10.8

Manual Integrations
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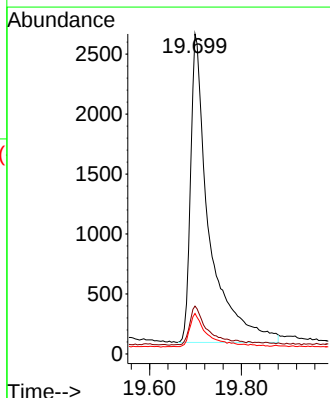
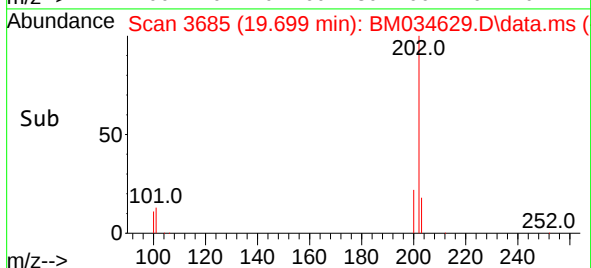
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

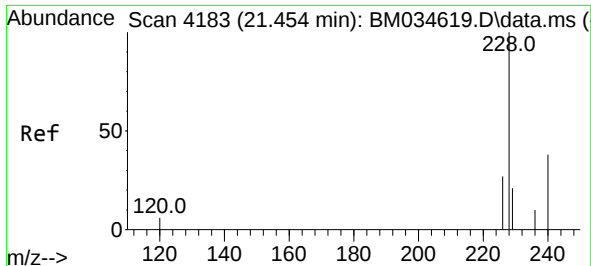


#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.699 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



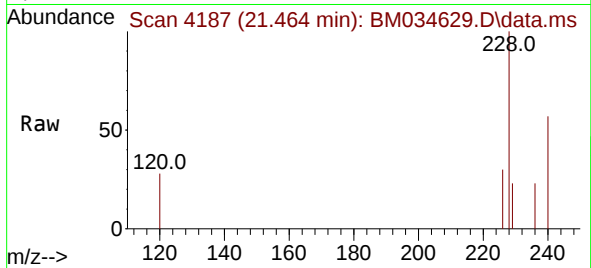
Tgt Ion:202 Resp: 7227
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9#
100 12.7 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.382 ng/ul m
RT: 21.464 min Scan# 4187
Delta R.T. 0.010 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

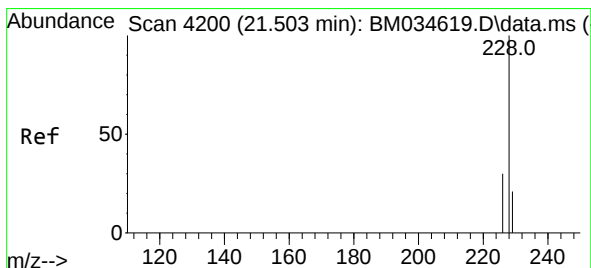
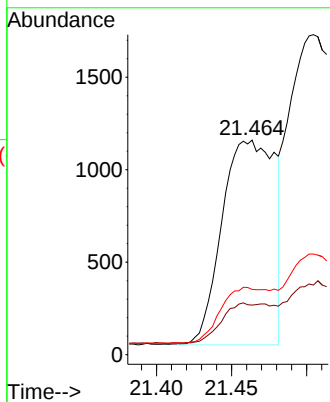
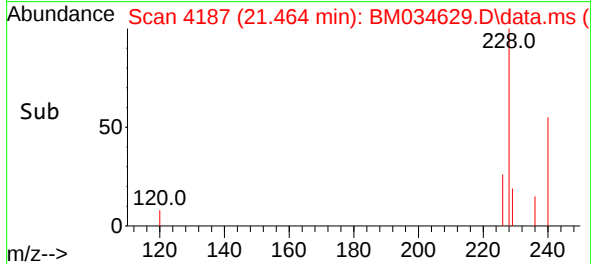
Instrument :
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Tgt Ion:228 Resp: 2690
Ion Ratio Lower Upper
228 100
229 23.1 17.3 25.9
226 30.4 23.2 34.8

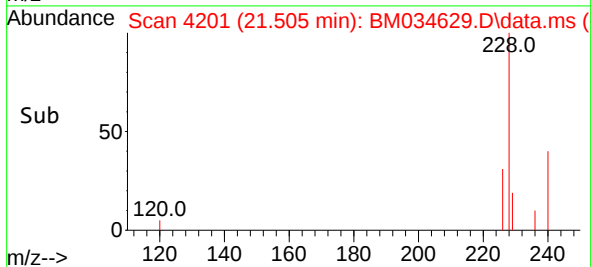
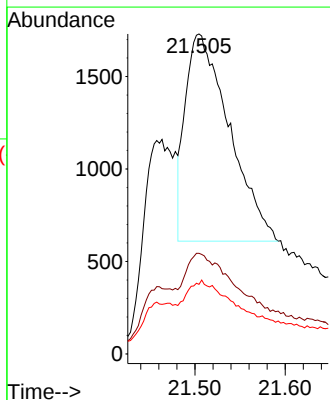
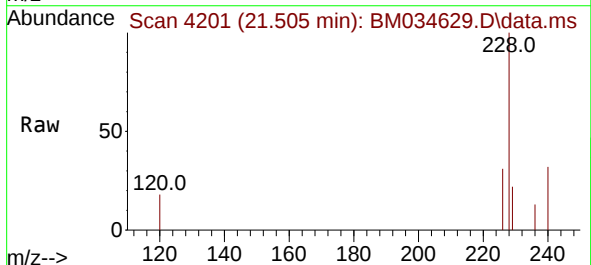
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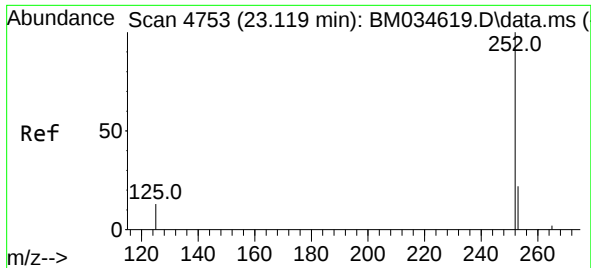
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.505 min Scan# 4201
Delta R.T. 0.001 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

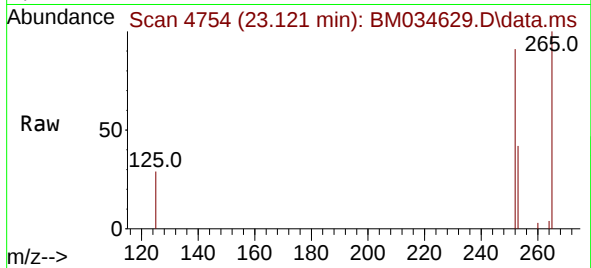
Tgt Ion:228 Resp: 3777
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 21.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul m
RT: 23.121 min Scan# 4754
Delta R.T. 0.002 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

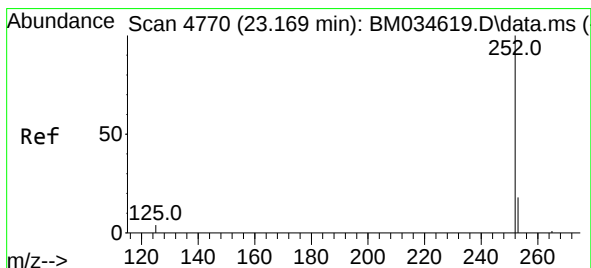
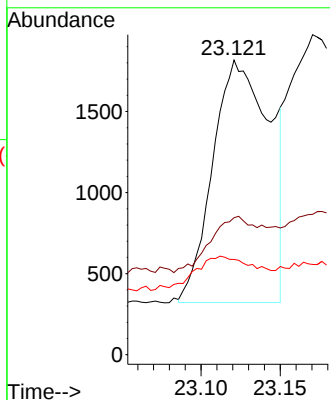
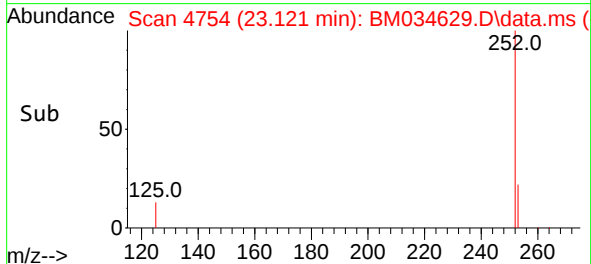
Instrument :
BNA_M
ClientSampleId :
SLCS046



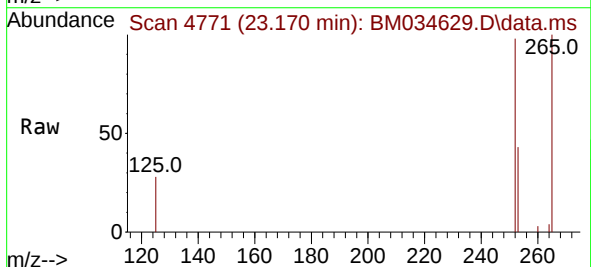
Tgt Ion:252 Resp: 3748
Ion Ratio Lower Upper
252 100
253 46.5 0.0 64.2
125 32.3 0.0 28.8

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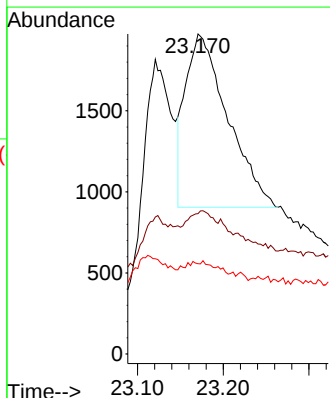
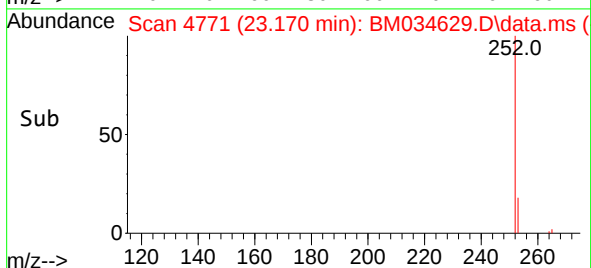
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

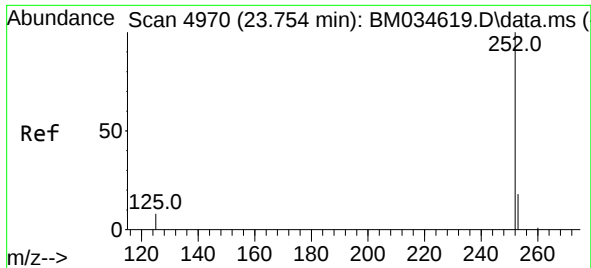


#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.170 min Scan# 4771
Delta R.T. 0.001 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



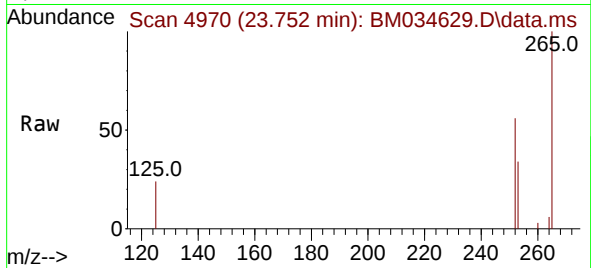
Tgt Ion:252 Resp: 3655
Ion Ratio Lower Upper
252 100
253 43.9 26.8 40.2#
125 28.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 23.752 min Scan# 4914
Delta R.T. -0.002 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

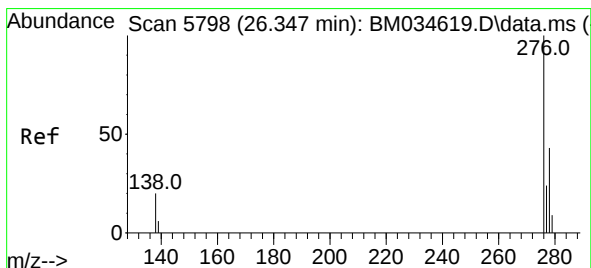
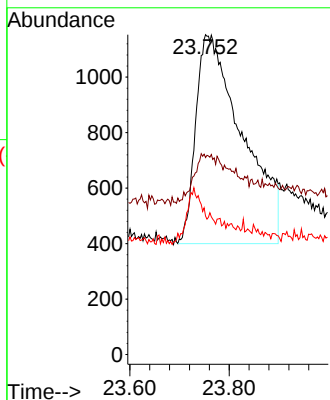
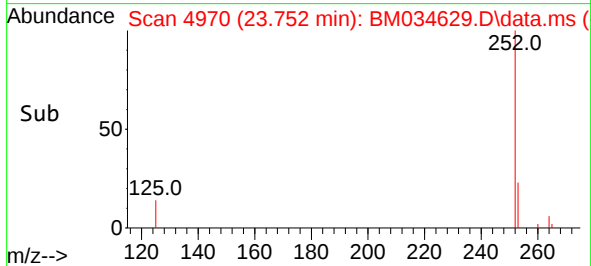
Instrument :
BNA_M
ClientSampleId :
SLCS046



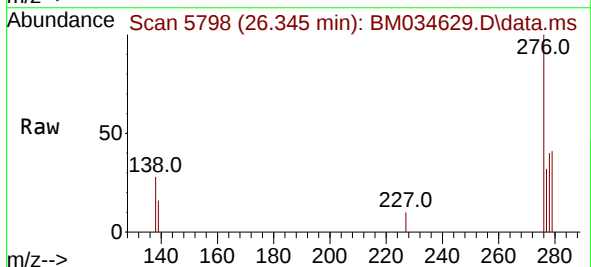
Tgt Ion:252 Resp: 4914
Ion Ratio Lower Upper
252 100
253 61.6 32.0 48.0
125 43.3 14.5 21.7

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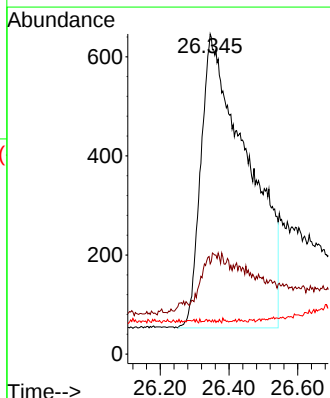
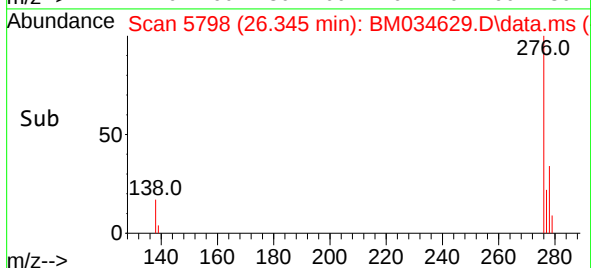
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

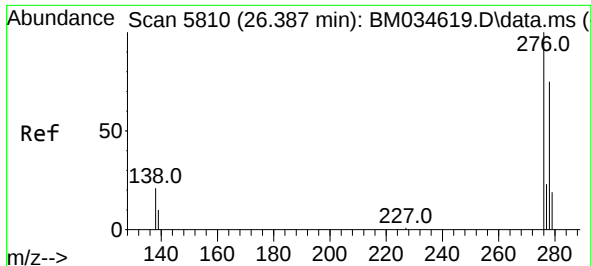


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.345 min Scan# 5798
Delta R.T. -0.002 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53



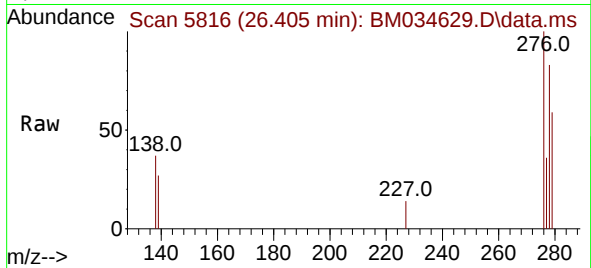
Tgt Ion:276 Resp: 5574
Ion Ratio Lower Upper
276 100
138 18.5 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.405 min Scan# 5810
Delta R.T. 0.019 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

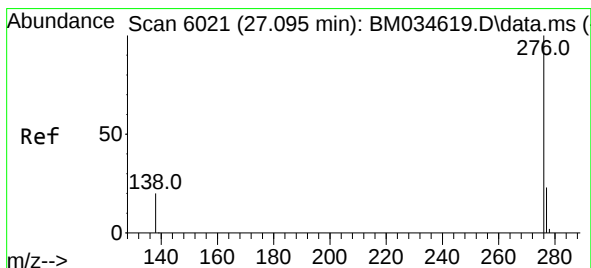
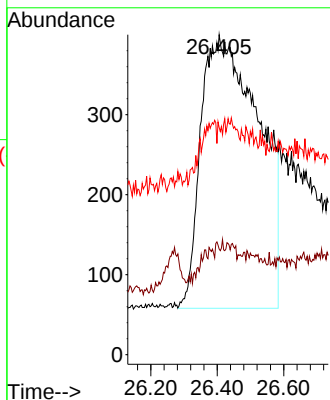
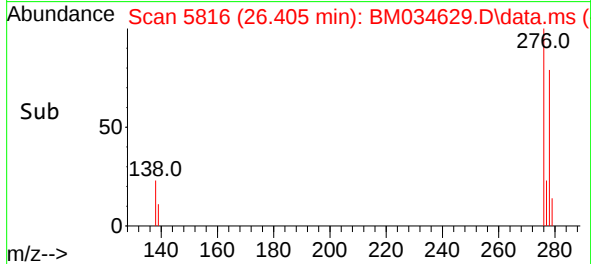
Instrument :
BNA_M
ClientSampleId :
SLCS046



Tgt Ion:278 Resp: 413
Ion Ratio Lower Upper
278 100
139 33.0 18.0 27.0
279 71.0 28.6 42.8

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Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 27.086 min Scan# 6019
Delta R.T. -0.008 min
Lab File: BM034629.D
Acq: 12 Apr 2022 19:53

Tgt Ion:276 Resp: 6335
Ion Ratio Lower Upper
276 100
138 26.6 17.4 26.0
277 30.3 22.6 33.8

