

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034503.D
 Acq On : 05 Apr 2022 15:34
 Operator : CG/JU
 Sample : PB143864BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS864

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:40:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	7317	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.564	164	3406	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	4579	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	4160	0.400	ng/ul	# 0.01
23) Perylene-d12	23.904	264	3531	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	2555	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	2881	0.300	ng/ul	0.01
18) Fluoranthene-d10	19.343	212	4494	0.368	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	6649	1.769	ng/ul#	81
5) Naphthalene	10.796	128	6202	0.271	ng/ul	94
7) 2-Methylnaphthalene	12.418	142	3401	0.272	ng/ul	98
8) 1-Methylnaphthalene	12.621	142	3536	0.281	ng/ul	98
10) Acenaphthylene	14.287	152	5631	0.357	ng/ul	93
11) Acenaphthene	14.624	153	4135	0.324	ng/ul	96
12) Fluorene	15.624	166	3893	0.296	ng/ul	99
14) Pentachlorophenol	16.982	266	1227	0.632	ng/ul	96
15) Phenanthrene	17.358	178	4986	0.335	ng/ul	98
16) Anthracene	17.468	178	3134	0.278	ng/ul	98
19) Fluoranthene	19.376	202	5958	0.341	ng/ul#	95
20) Pyrene	19.733	202	7169	0.351	ng/ul#	92
21) Benzo(a)anthracene	21.495	228	2467m	0.273	ng/ul	
22) Chrysene	21.536	228	3643	0.340	ng/ul	99
24) Benzo(b)fluoranthene	23.167	252	3123m	0.270	ng/ul	
25) Benzo(k)fluoranthene	23.219	252	3698m	0.359	ng/ul	
26) Benzo(a)pyrene	23.807	252	4684	0.347	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.432	276	5174	0.319	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.478	278	3879	0.328	ng/ul#	53
29) Benzo(g,h,i)perylene	27.176	276	6008	0.342	ng/ul#	93

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

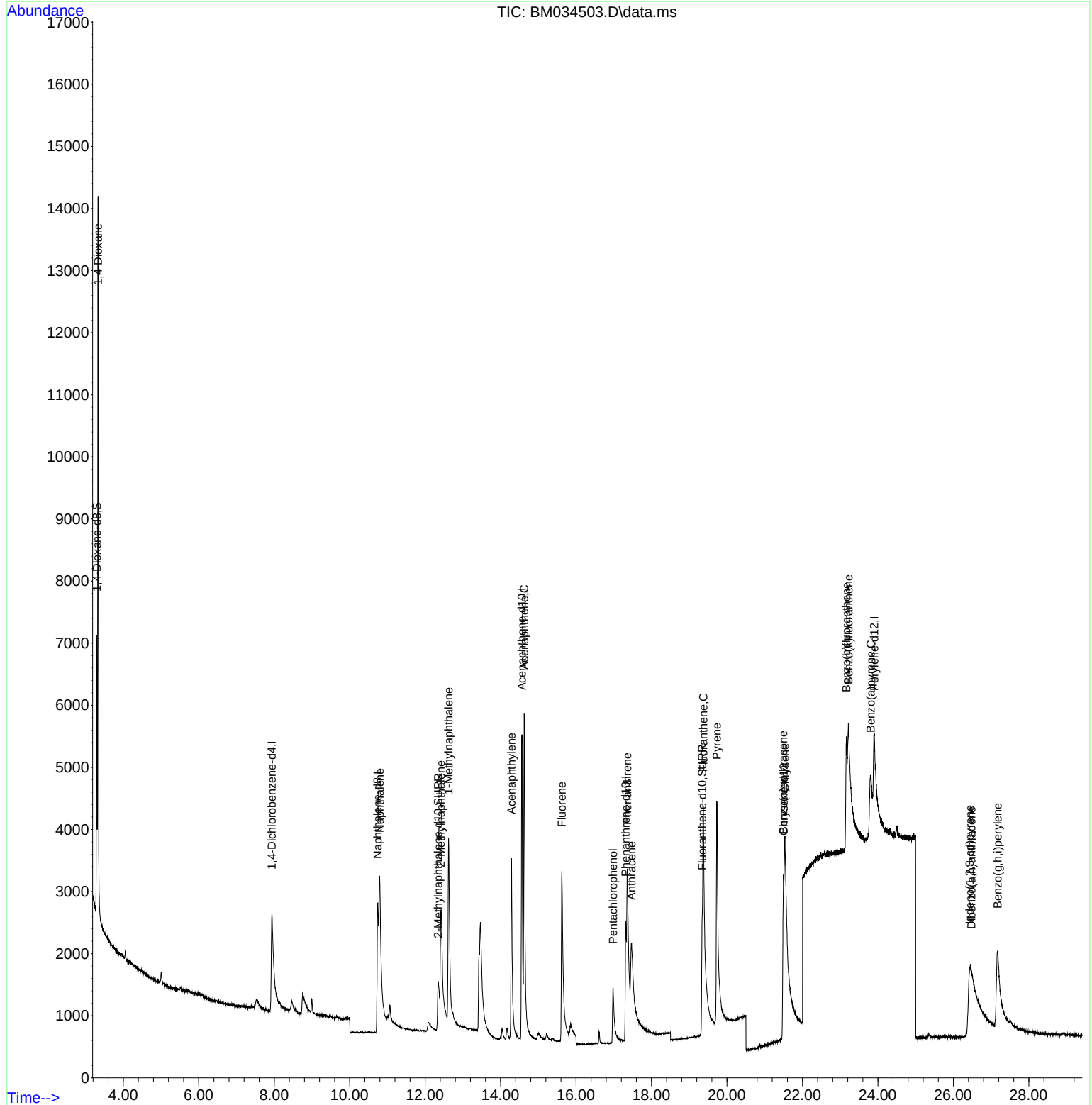
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034503.D
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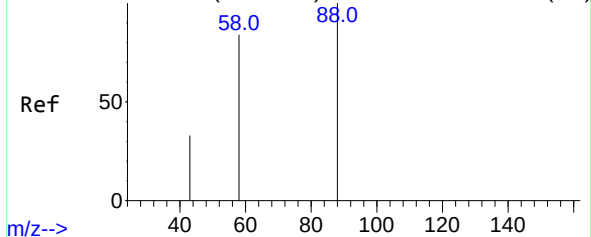
Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:40:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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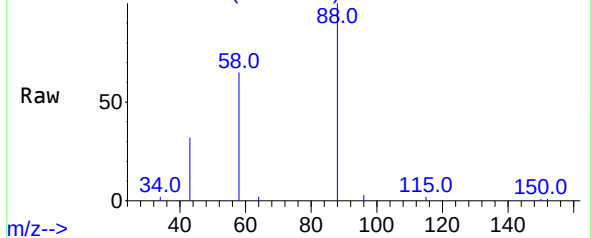
Abundance Scan 35 (3.330 min): BM034496.D\data.ms (-28)



#2
1,4-Dioxane
Concen: 1.769 ng/ul
RT: 3.330 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

Instrument :
BNA_M
ClientSampleId :
SLCS864

Abundance Scan 35 (3.330 min): BM034503.D\data.ms

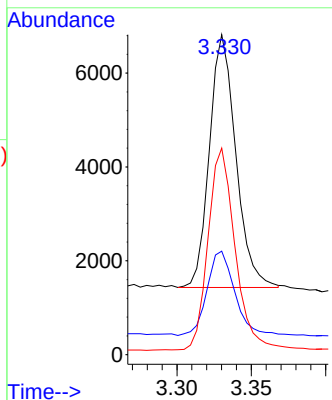
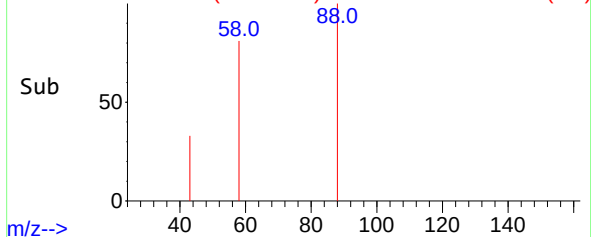


Tgt Ion: 88 Resp: 6649
Ion Ratio Lower Upper
88 100
43 32.4 49.7 74.5
58 64.6 52.5 78.7

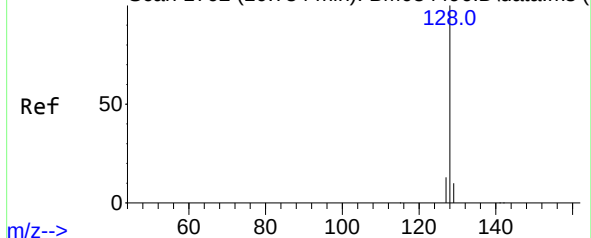
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Supervised By :Yogesh Patel 04/09/2022

Abundance Scan 35 (3.330 min): BM034503.D\data.ms (-23)



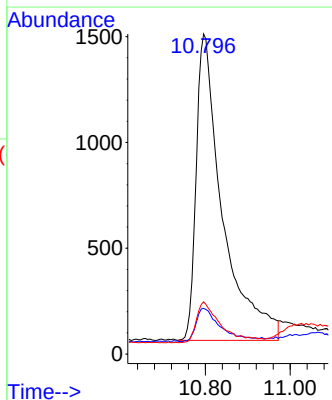
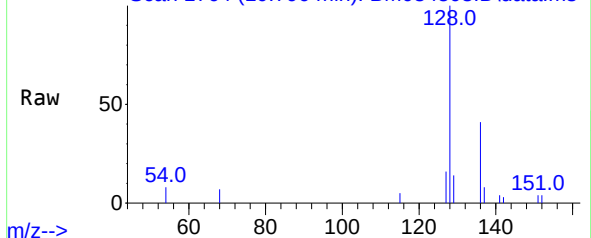
Abundance Scan 1762 (10.784 min): BM034496.D\data.ms (-23)



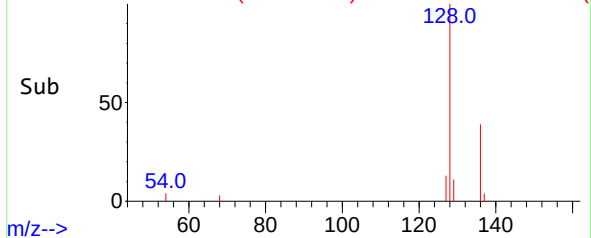
#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. 0.011 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

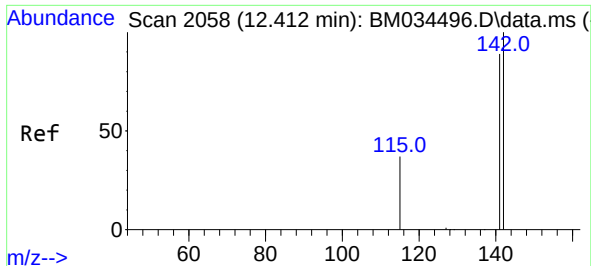
Tgt Ion:128 Resp: 6202
Ion Ratio Lower Upper
128 100
129 14.3 13.4 20.2
127 16.3 15.2 22.8

Abundance Scan 1764 (10.796 min): BM034503.D\data.ms



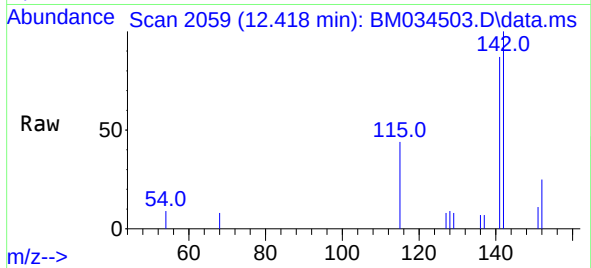
Abundance Scan 1764 (10.796 min): BM034503.D\data.ms (-23)





#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.418 min Scan# 2058
Delta R.T. 0.011 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

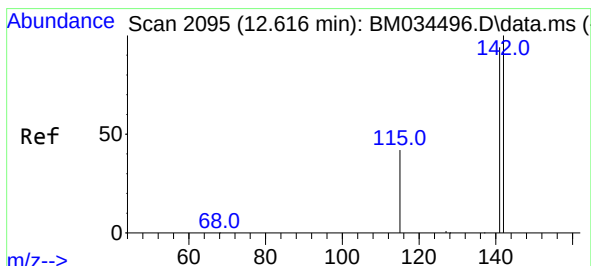
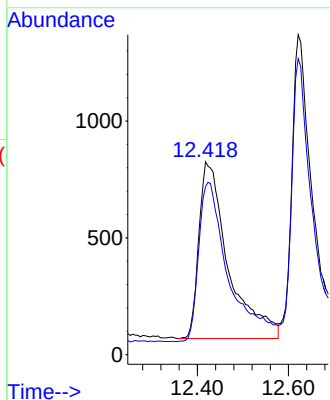
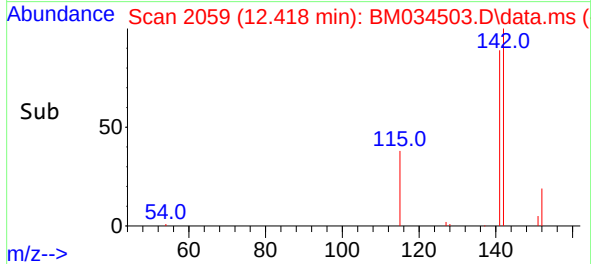
Instrument :
BNA_M
ClientSampleId :
SLCS864



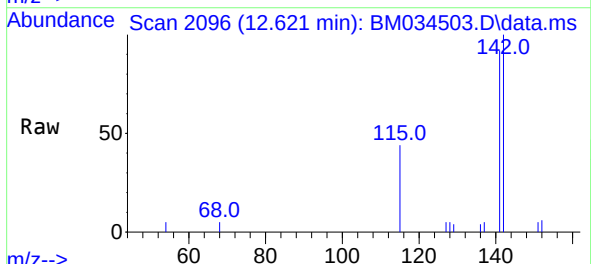
Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
141 91.9 71.8 107.6

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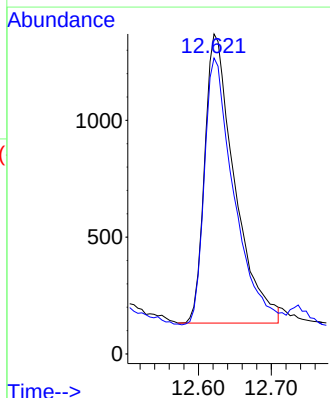
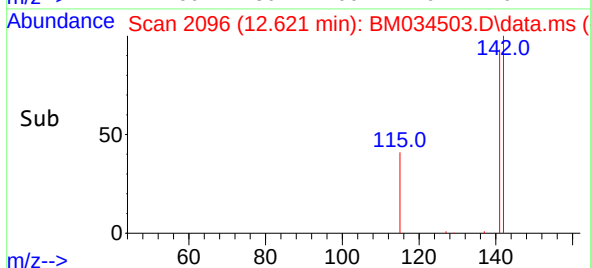
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

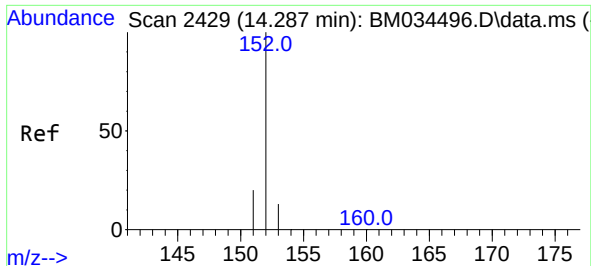


#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34



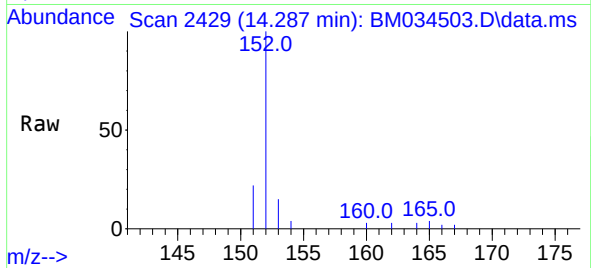
Tgt Ion:142 Resp: 3536
Ion Ratio Lower Upper
142 100
141 91.3 75.0 112.4





#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.287 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

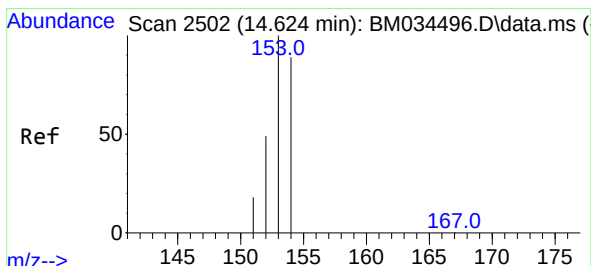
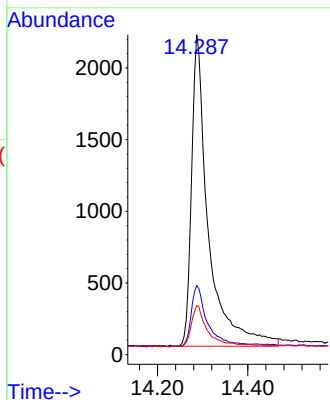
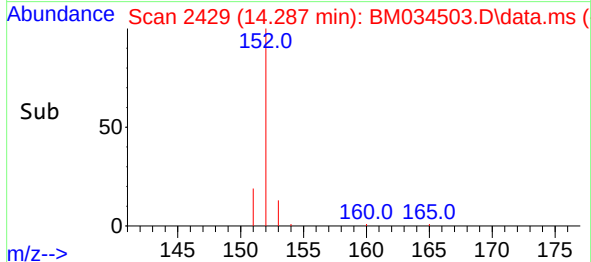
Instrument :
BNA_M
ClientSampleId :
SLCS864



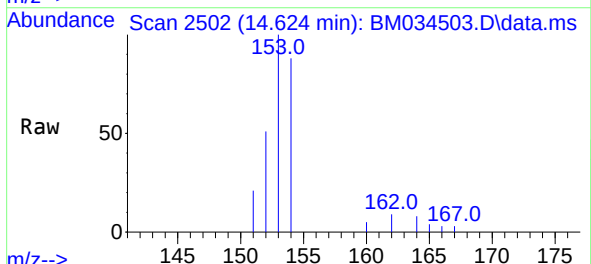
Tgt Ion:152 Resp: 563
Ion Ratio Lower Upper
152 100
151 21.6 19.9 29.9
153 15.4 15.0 22.4

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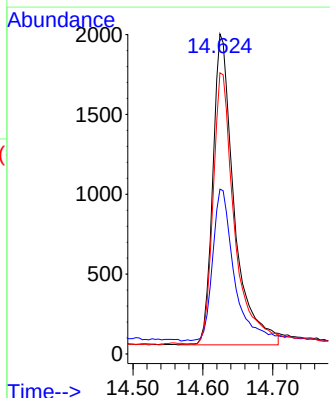
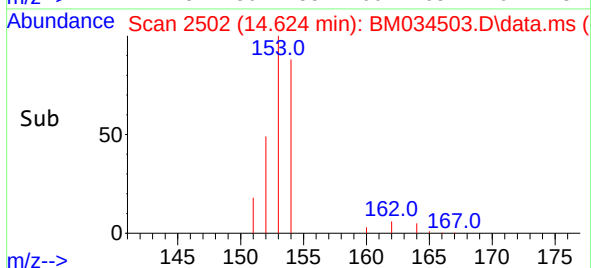
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

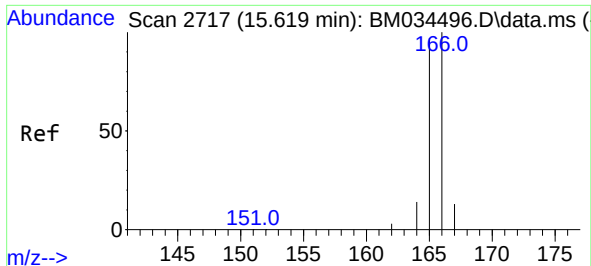


#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34



Tgt Ion:153 Resp: 4135
Ion Ratio Lower Upper
153 100
152 51.5 42.4 63.6
154 87.9 66.2 99.2





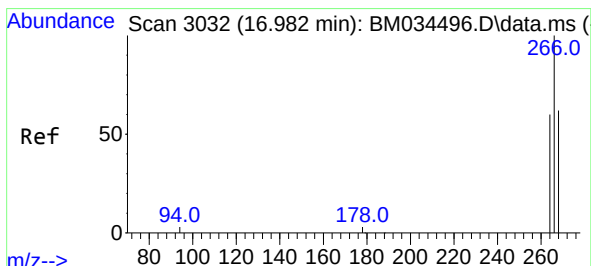
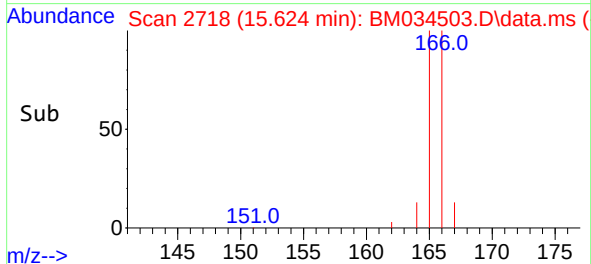
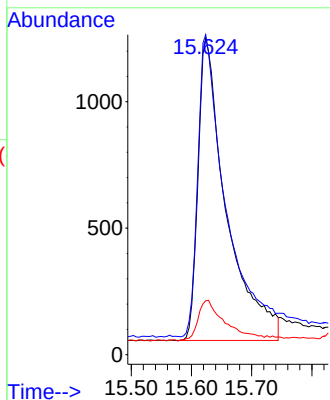
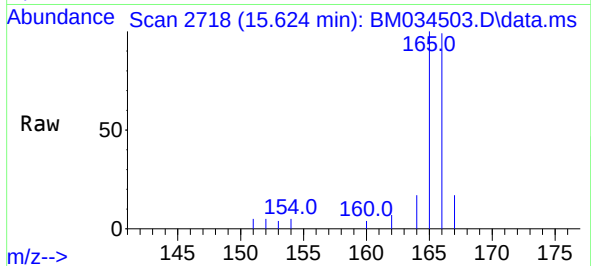
#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.624 min Scan# 2717
Delta R.T. 0.005 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

Instrument :
BNA_M
ClientSampleId :
SLCS864

Tgt Ion:166 Resp: 389
Ion Ratio Lower Upper
166 100
165 101.0 81.1 121.7
167 17.0 14.9 22.3

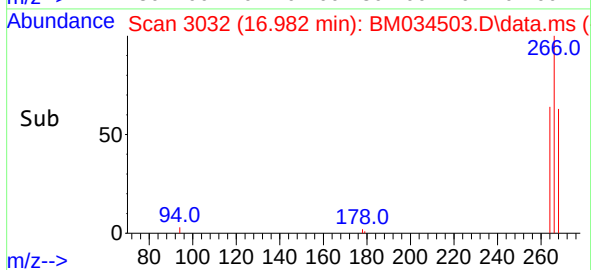
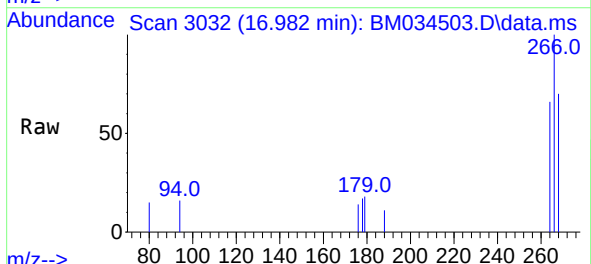
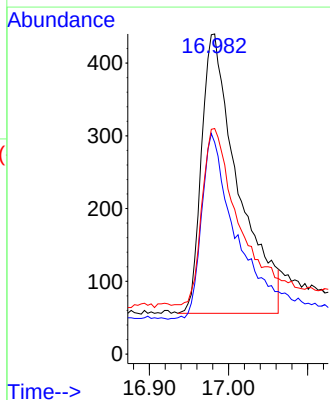
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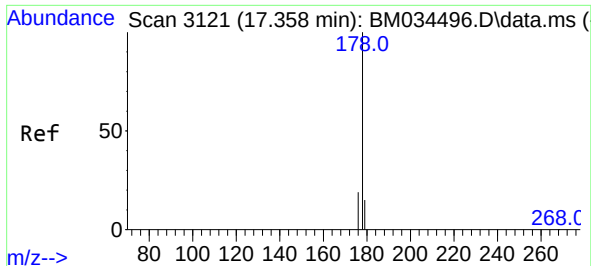
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#14
Pentachlorophenol
Concen: 0.632 ng/ul
RT: 16.982 min Scan# 3032
Delta R.T. 0.008 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

Tgt Ion:266 Resp: 1227
Ion Ratio Lower Upper
266 100
264 61.4 51.4 77.0
268 63.4 53.1 79.7





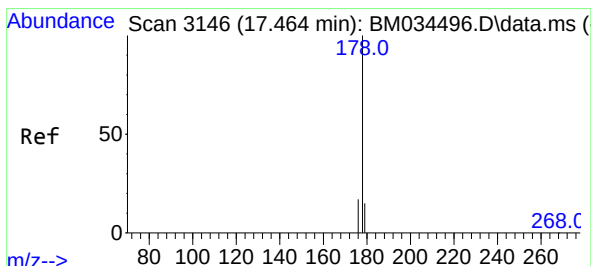
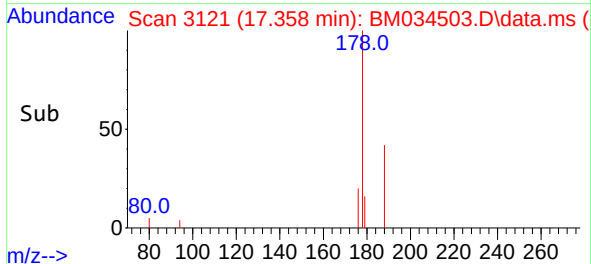
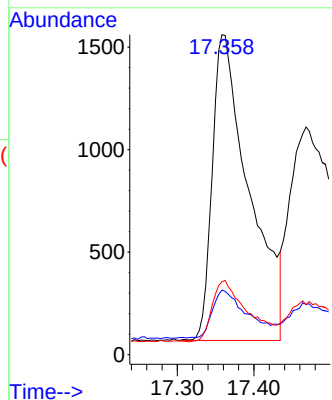
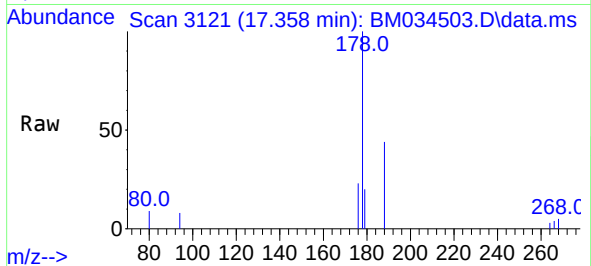
#15
Phenanthrene
Concen: 0.335 ng/u1
RT: 17.358 min Scan# 3121
Delta R.T. 0.004 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

Instrument :
BNA_M
ClientSampleId :
SLCS864

Tgt Ion:178 Resp: 4980
Ion Ratio Lower Upper
178 100
179 20.2 15.0 22.6
176 22.8 17.9 26.9

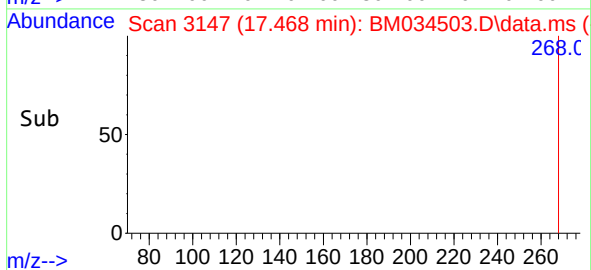
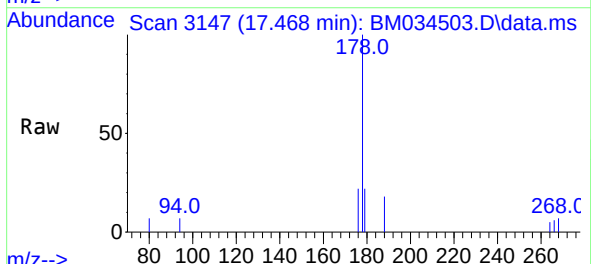
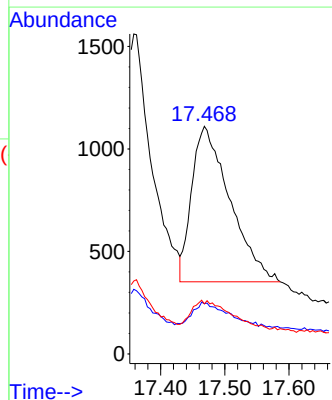
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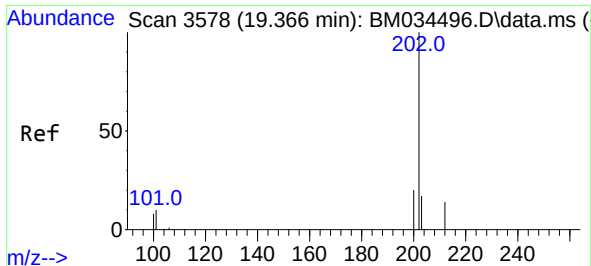
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#16
Anthracene
Concen: 0.278 ng/u1
RT: 17.468 min Scan# 3147
Delta R.T. 0.017 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

Tgt Ion:178 Resp: 3134
Ion Ratio Lower Upper
178 100
179 22.1 16.5 24.7
176 22.0 18.3 27.5





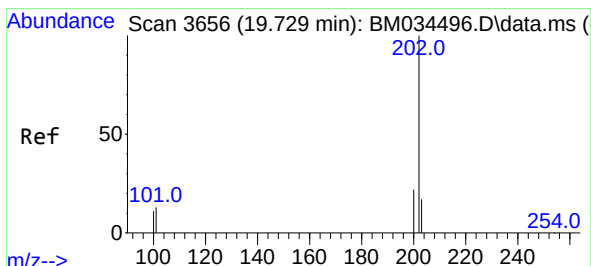
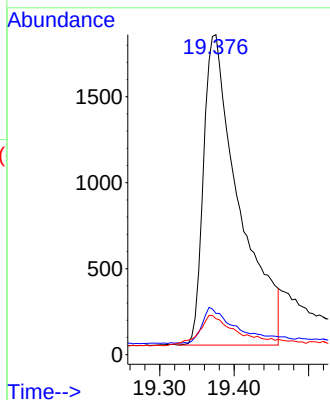
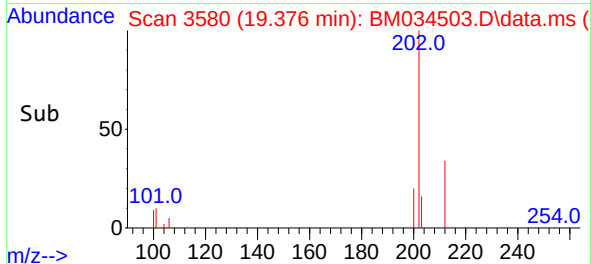
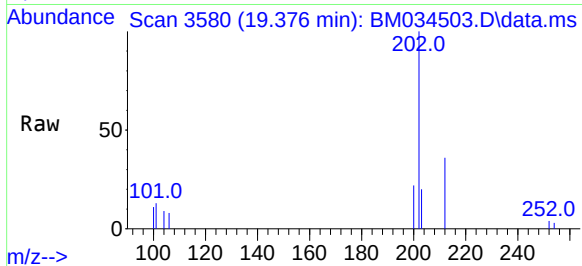
#19
Fluoranthene
Concen: 0.341 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.009 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

Instrument :
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ClientSampleId :
SLCS864

Tgt Ion:202 Resp: 5958
Ion Ratio Lower Upper
202 100
101 12.9 9.2 13.8
100 11.2 7.2 10.8

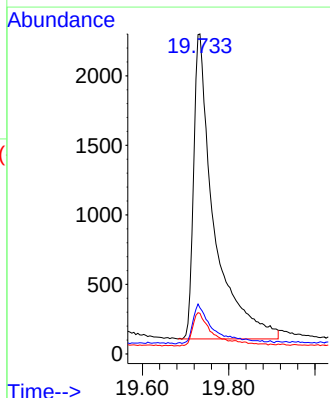
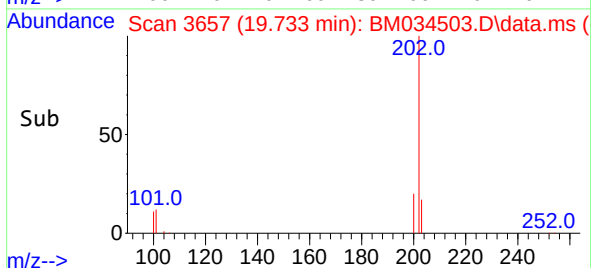
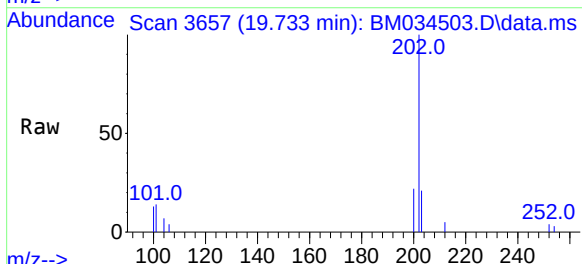
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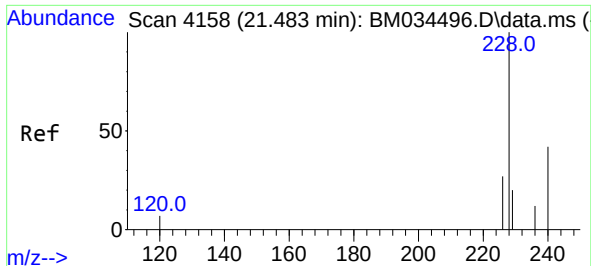
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#20
Pyrene
Concen: 0.351 ng/u1
RT: 19.733 min Scan# 3657
Delta R.T. 0.009 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

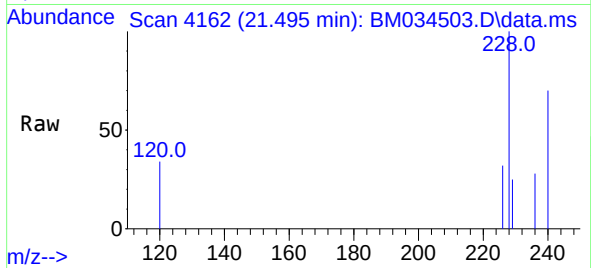
Tgt Ion:202 Resp: 7169
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 12.7 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.273 ng/ul m
RT: 21.495 min Scan# 4158
Delta R.T. 0.015 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

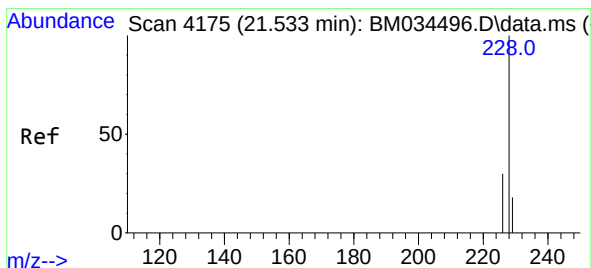
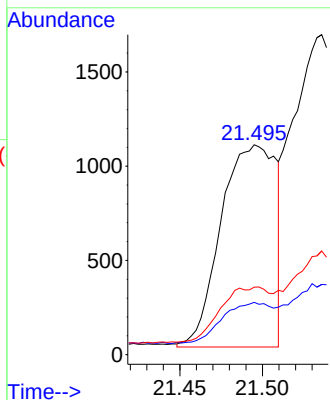
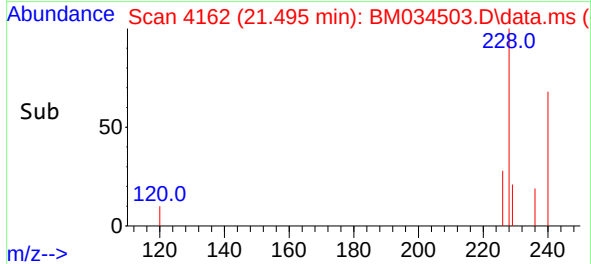
Instrument :
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Tgt Ion:228 Resp: 246
Ion Ratio Lower Upper
228 100
229 25.0 17.3 25.9
226 32.1 23.2 34.8

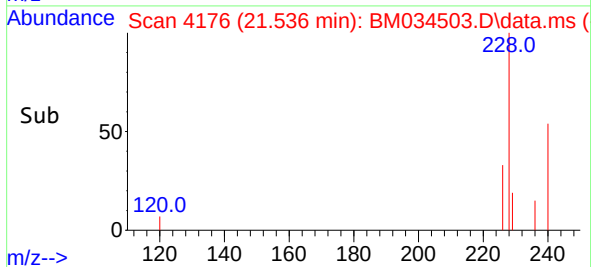
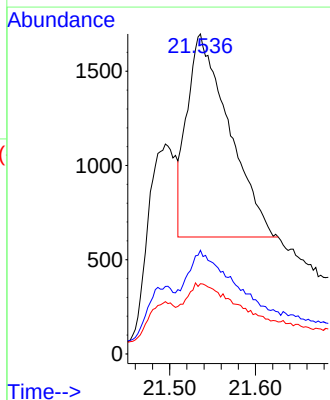
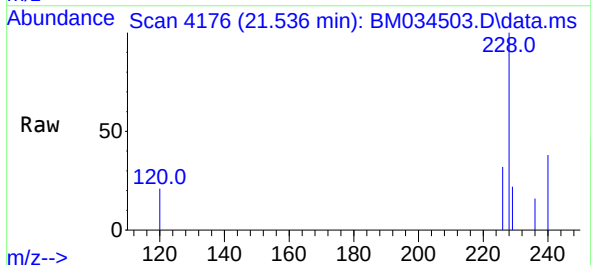
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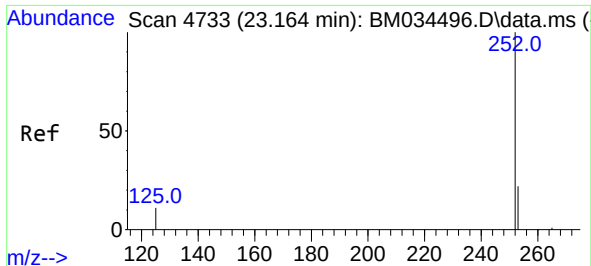
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. 0.009 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

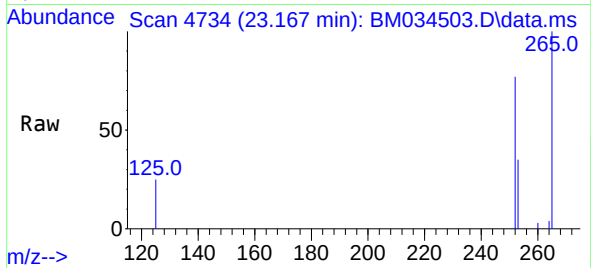
Tgt Ion:228 Resp: 3643
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 22.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul m
RT: 23.167 min Scan# 4733
Delta R.T. 0.006 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

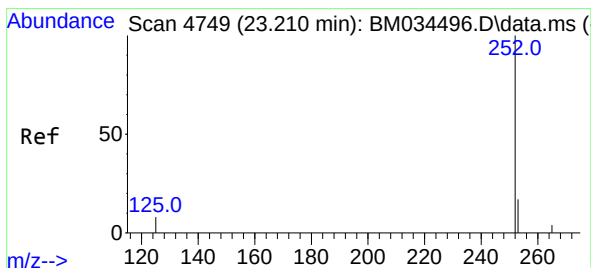
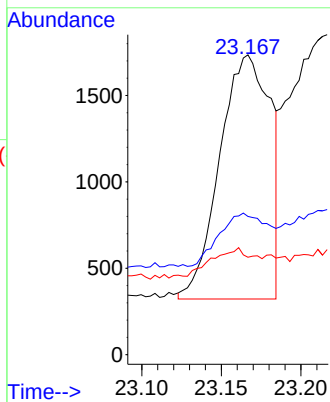
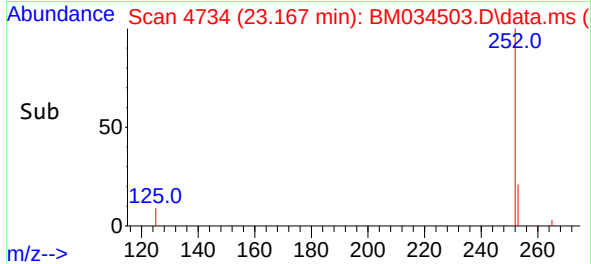
Instrument :
BNA_M
ClientSampleId :
SLCS864



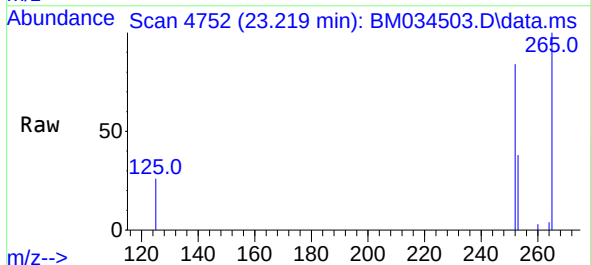
Tgt Ion:252 Resp: 312
Ion Ratio Lower Upper
252 100
253 46.1 0.0 64.2
125 32.5 0.0 28.8

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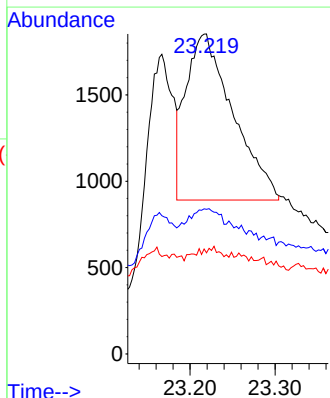
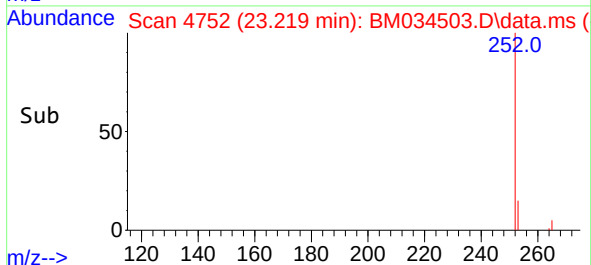
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

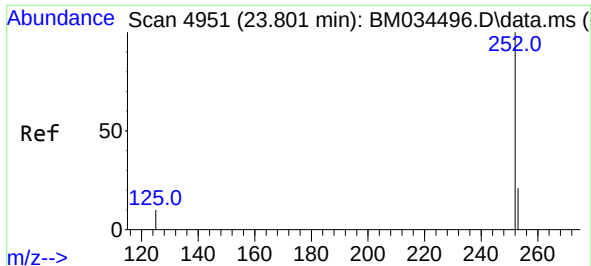


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul m
RT: 23.219 min Scan# 4752
Delta R.T. 0.008 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34



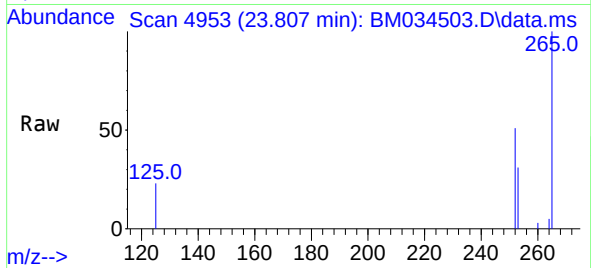
Tgt Ion:252 Resp: 3698
Ion Ratio Lower Upper
252 100
253 45.2 26.8 40.2#
125 31.6 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.347 ng/u1
RT: 23.807 min Scan# 4951
Delta R.T. 0.012 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

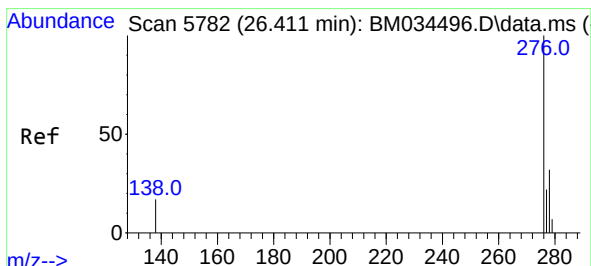
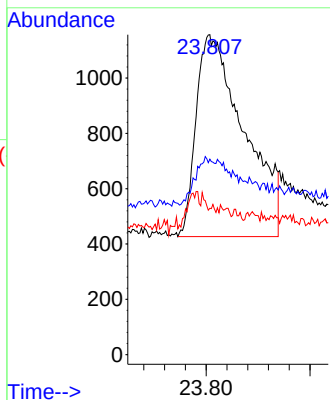
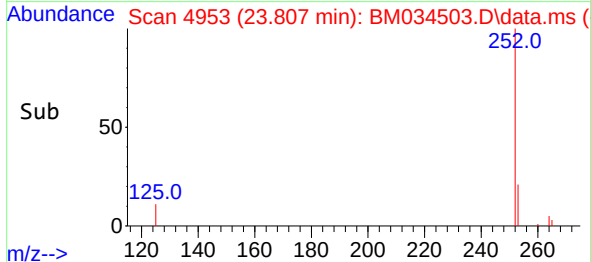
Instrument :
BNA_M
ClientSampleId :
SLCS864



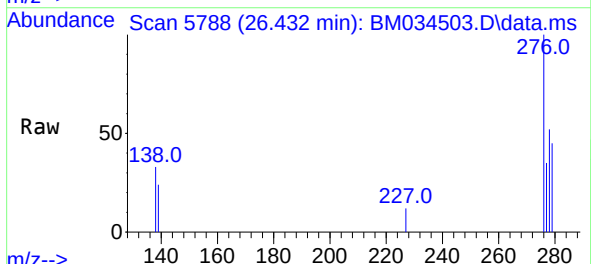
Tgt Ion:252 Resp: 4684
Ion Ratio Lower Upper
252 100
253 61.1 32.0 48.0#
125 45.7 14.5 21.7#

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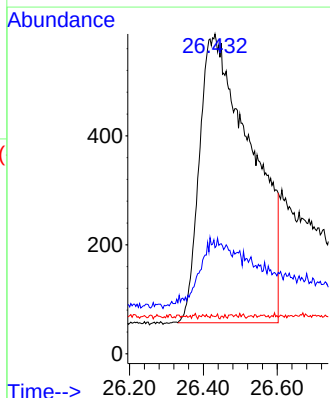
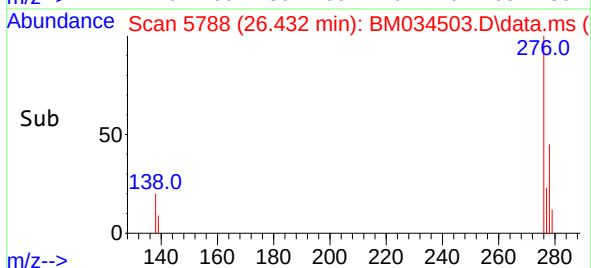
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

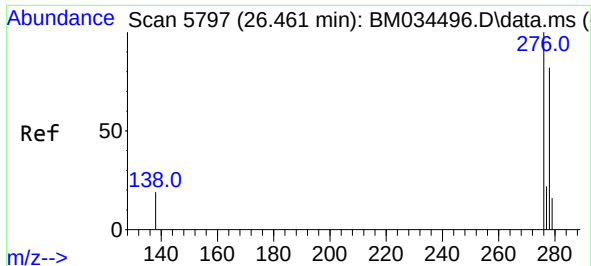


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/u1
RT: 26.432 min Scan# 5788
Delta R.T. 0.020 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34



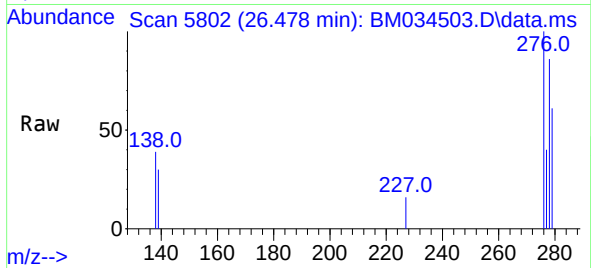
Tgt Ion:276 Resp: 5174
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.478 min Scan# 5802
Delta R.T. 0.017 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34

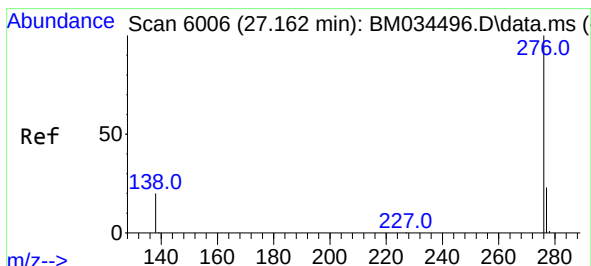
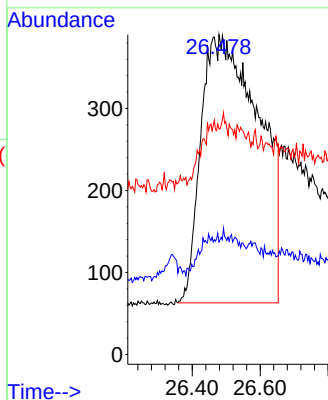
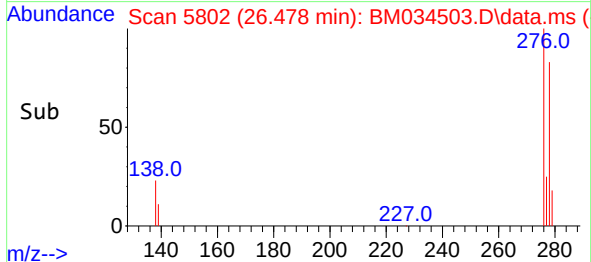
Instrument :
BNA_M
ClientSampleId :
SLCS864



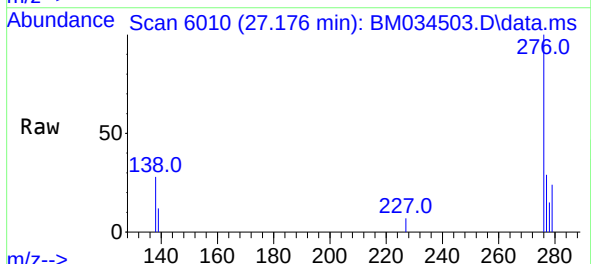
Tgt Ion:278 Resp: 3879
Ion Ratio Lower Upper
278 100
139 35.1 18.0 27.0
279 70.5 28.6 42.8

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Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. 0.007 min
Lab File: BM034503.D
Acq: 05 Apr 2022 15:34



Tgt Ion:276 Resp: 6008
Ion Ratio Lower Upper
276 100
138 28.0 17.4 26.0
277 29.3 22.6 33.8

