

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045680.D
 Acq On : 02 May 2024 23:05
 Operator : MA/JU
 Sample : PB160416BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS416

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 15:47:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 03 03:27:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	278	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.336	136	775	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.196	164	509	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.077	188	1065	0.400	ng/ul	0.10
17) Chrysene-d12	21.184	240	1119	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	1646	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	210	0.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	400	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	1071	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.179	88	483	1.481	ng/ul#	74
5) Naphthalene	10.391	128	714	0.362	ng/ul	98
7) 2-Methylnaphthalene	12.035	142	417	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	432	0.327	ng/ul	93
10) Acenaphthylene	13.918	152	745	0.349	ng/ul	97
11) Acenaphthene	14.260	153	541	0.341	ng/ul	93
12) Fluorene	15.278	166	650	0.354	ng/ul	99
14) Pentachlorophenol	16.646	266	140	0.738	ng/ul#	88
15) Phenanthrene	17.013	178	1091m	0.412	ng/ul	
16) Anthracene	17.115	178	1021	0.398	ng/ul	97
19) Fluoranthene	19.038	202	1361	0.383	ng/ul	96
20) Pyrene	19.405	202	1493	0.395	ng/ul	98
21) Benzo(a)anthracene	21.181	228	1263	0.387	ng/ul	97
22) Chrysene	21.225	228	1820	0.394	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	1677	0.366	ng/ul	96
25) Benzo(k)fluoranthene	22.756	252	2145	0.378	ng/ul	97
26) Benzo(a)pyrene	23.274	252	1836	0.361	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.565	276	2553	0.365	ng/ul	98
28) Dibenzo(a,h)anthracene	25.585	278	2084	0.372	ng/ul	96
29) Benzo(g,h,i)perylene	26.225	276	2298	0.370	ng/ul	96

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

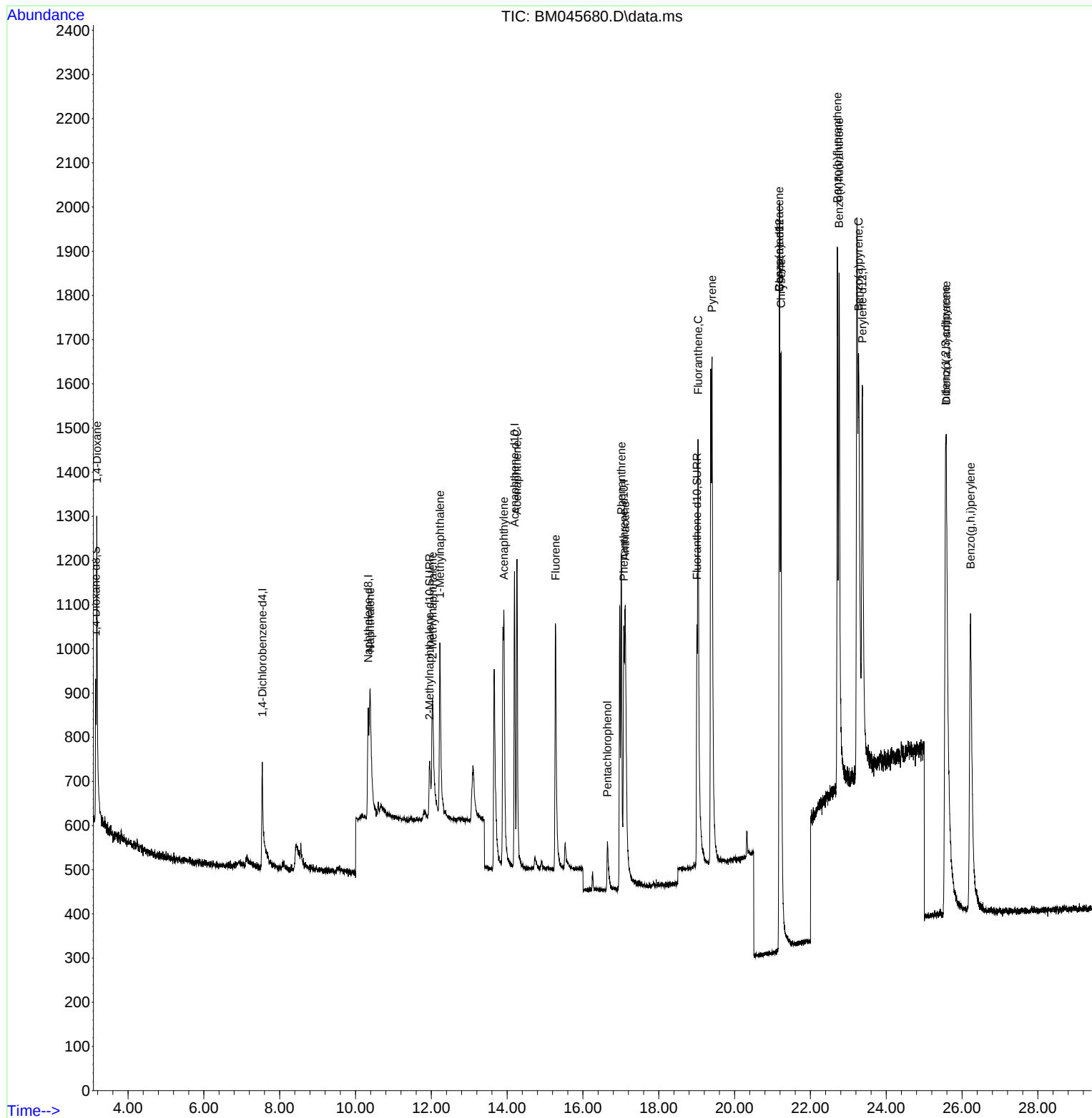
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045680.D
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Operator : MA/JU
Sample : PB160416BS
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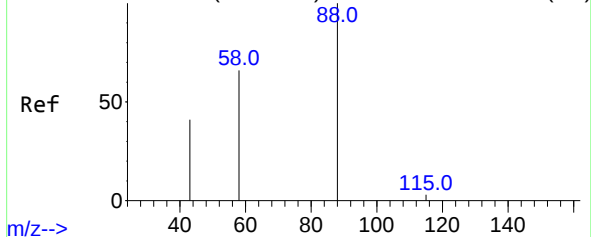
Quant Time: May 03 15:47:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 05/06/2024

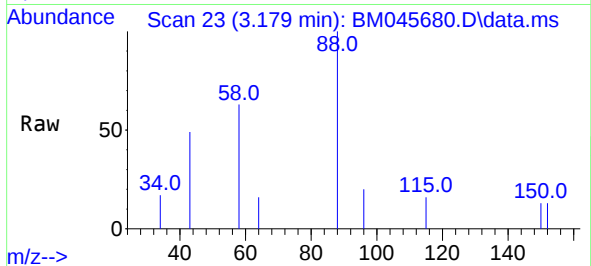


Abundance Scan 23 (3.179 min): BM045673.D\data.ms (-17)



#2
1,4-Dioxane
Concen: 1.481 ng/ul
RT: 3.179 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

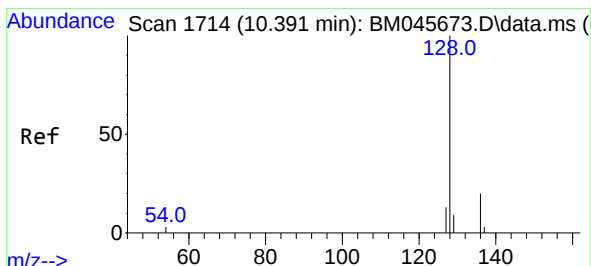
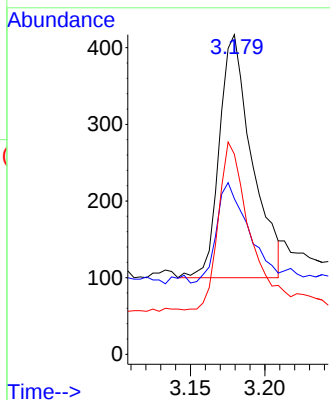
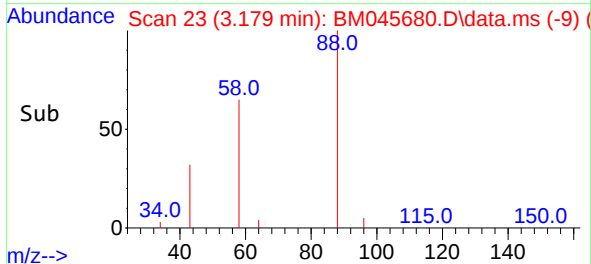
Instrument :
BNA_M
ClientSampleId :
SLCS416



Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 48.7 67.4 101.2
58 62.6 56.1 84.1

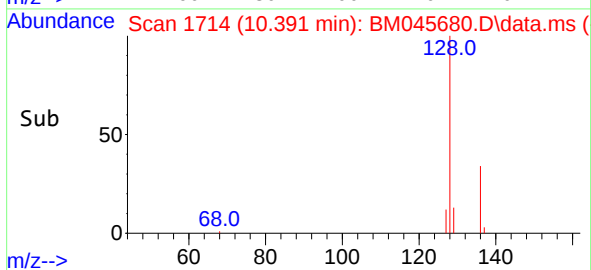
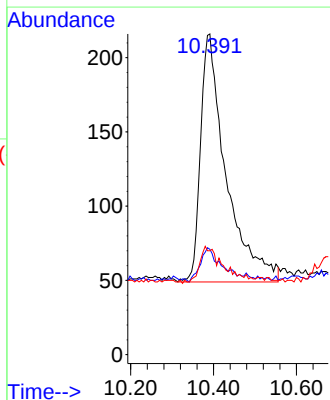
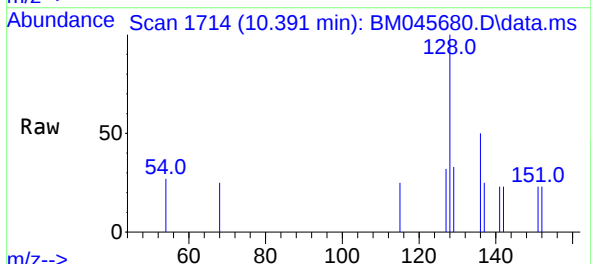
Manual Integrations
APPROVED

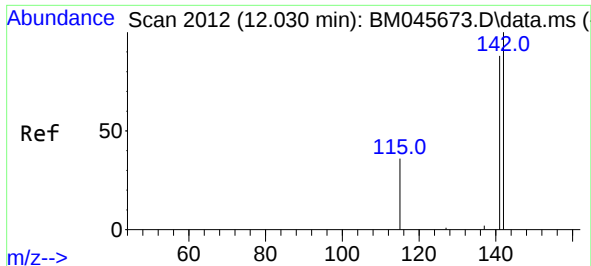
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.391 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Tgt Ion:128 Resp: 714
Ion Ratio Lower Upper
128 100
129 32.9 26.2 39.4
127 32.4 27.4 41.2





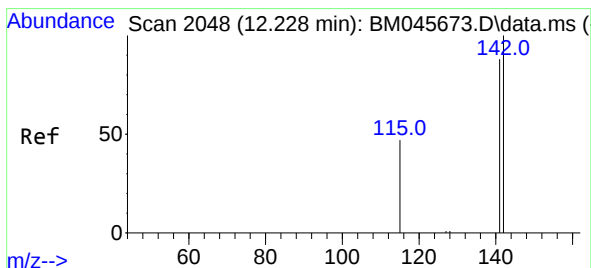
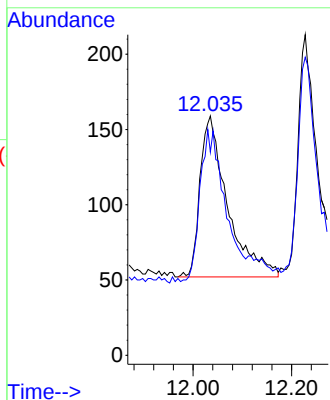
#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.035 min Scan# 2012
Delta R.T. 0.005 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Instrument :
BNA_M
ClientSampleId :
SLCS416

Tgt Ion:142 Resp: 417
Ion Ratio Lower Upper
142 100
141 97.1 76.9 115.3

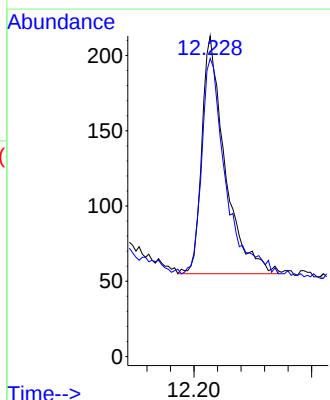
Manual Integrations
APPROVED

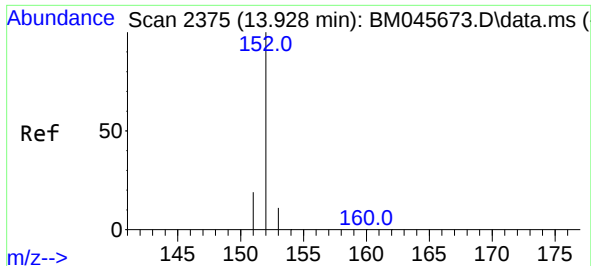
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.228 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

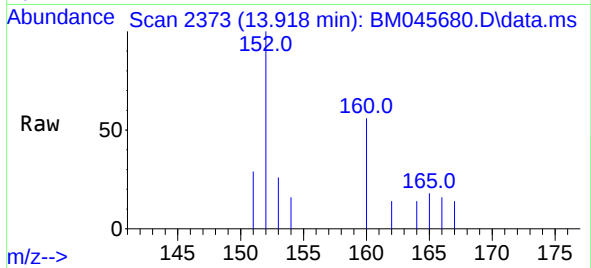
Tgt Ion:142 Resp: 432
Ion Ratio Lower Upper
142 100
141 92.8 79.4 119.2





#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 13.918 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Instrument :
BNA_M
ClientSampleId :
SLCS416

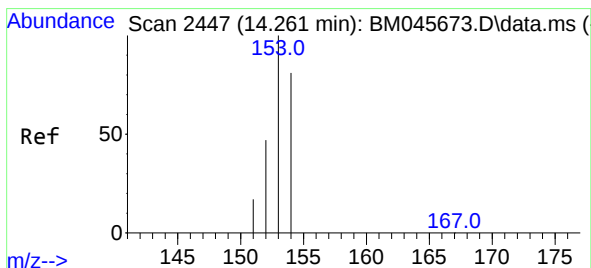
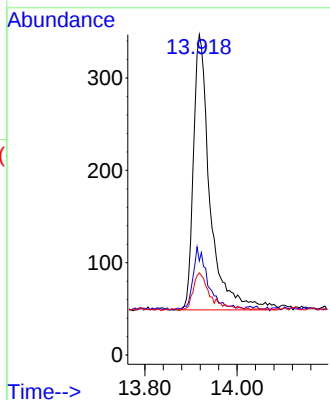
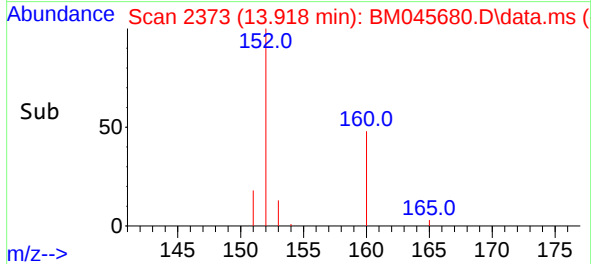


Tgt Ion:152 Resp: 749

Ion	Ratio	Lower	Upper
152	100		
151	29.4	25.0	37.4
153	25.6	19.6	29.4

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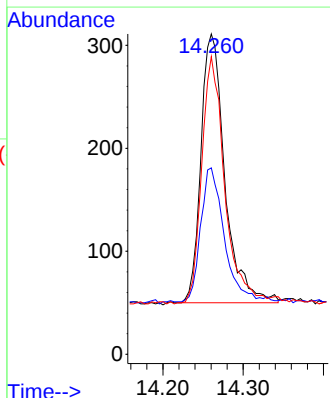
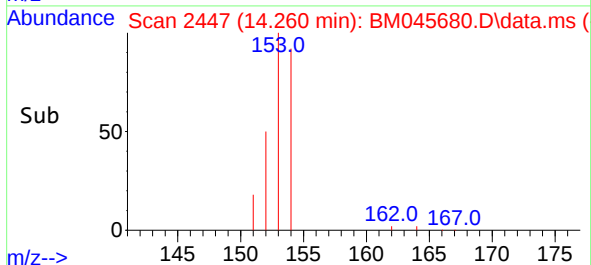
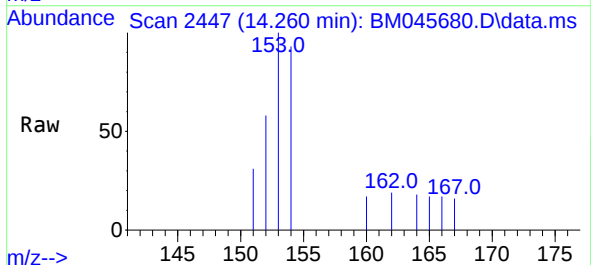
Reviewed By :Jagrut Upadhyay 05/03/2024
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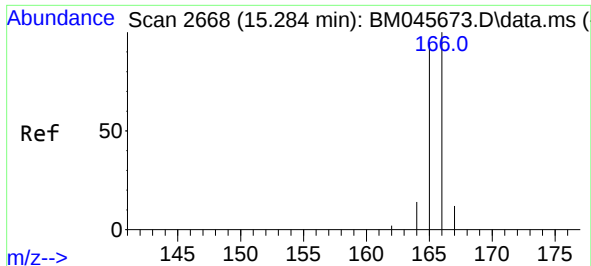


#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Tgt Ion:153 Resp: 541

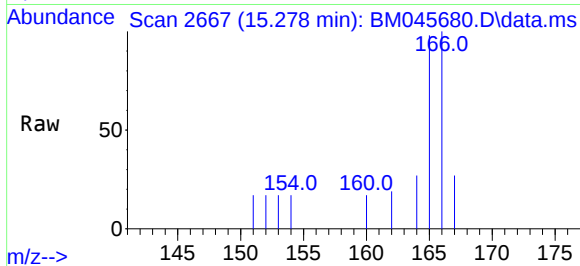
Ion	Ratio	Lower	Upper
153	100		
152	58.2	45.1	67.7
154	92.9	67.6	101.4





#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.278 min Scan# 2667
Delta R.T. -0.006 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

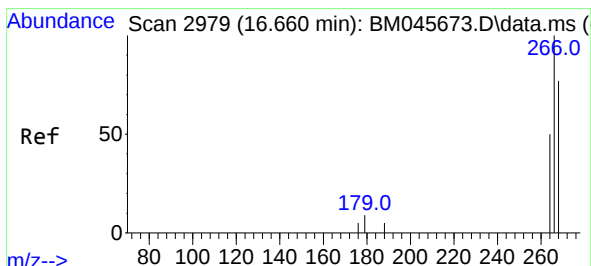
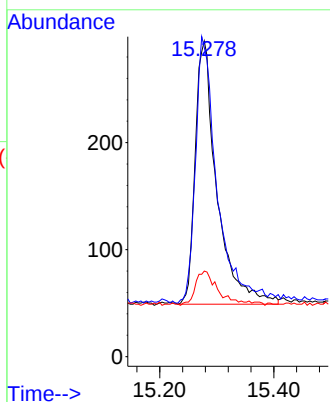
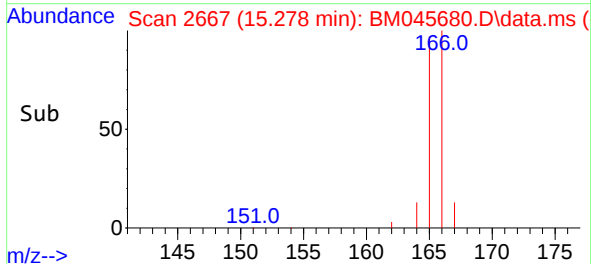
Instrument :
BNA_M
ClientSampleId :
SLCS416



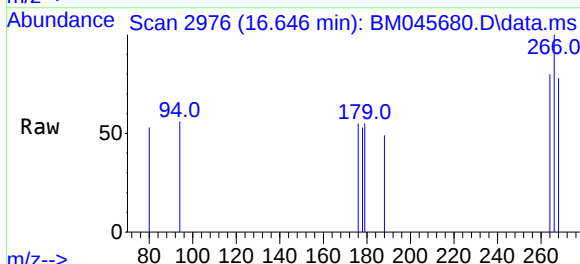
Tgt Ion:166 Resp: 650
Ion Ratio Lower Upper
166 100
165 98.0 77.5 116.3
167 27.1 21.8 32.6

Manual Integrations
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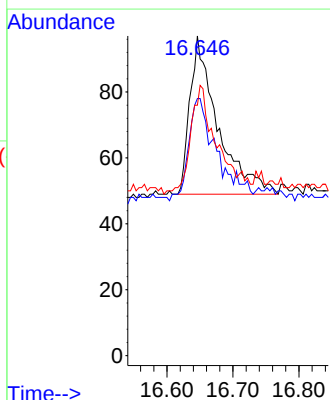
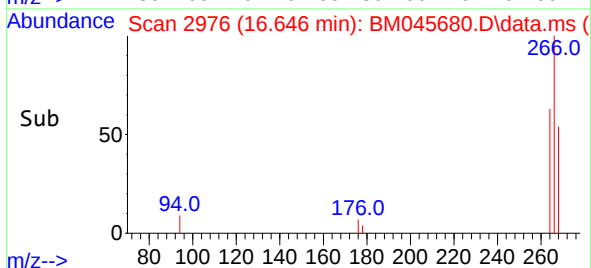
Reviewed By :Jagrut Upadhyay 05/03/2024
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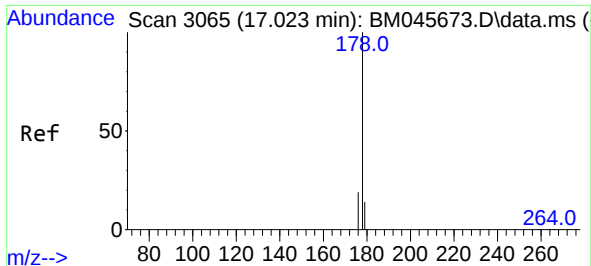


#14
Pentachlorophenol
Concen: 0.738 ng/ul
RT: 16.646 min Scan# 2976
Delta R.T. -0.014 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05



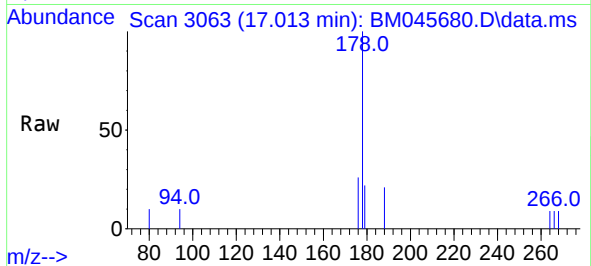
Tgt Ion:266 Resp: 140
Ion Ratio Lower Upper
266 100
264 66.4 40.0 60.0#
268 60.7 50.6 76.0





#15
Phenanthrene
Concen: 0.412 ng/ul m
RT: 17.013 min Scan# 3065
Delta R.T. -0.009 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

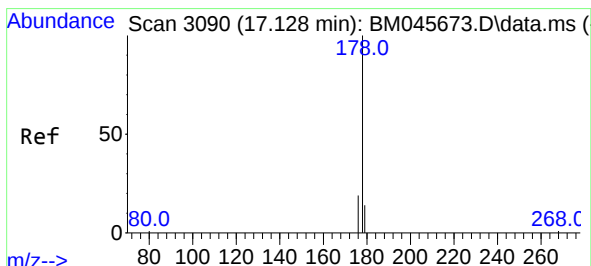
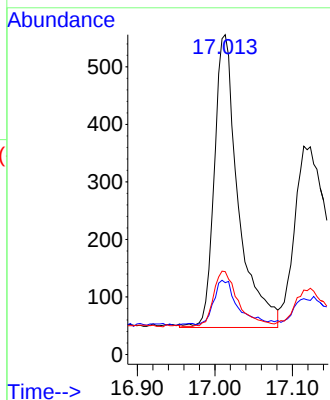
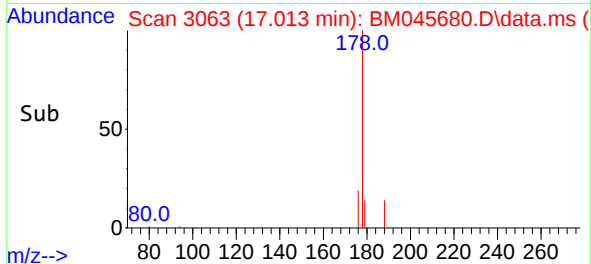
Instrument :
BNA_M
ClientSampleId :
SLCS416



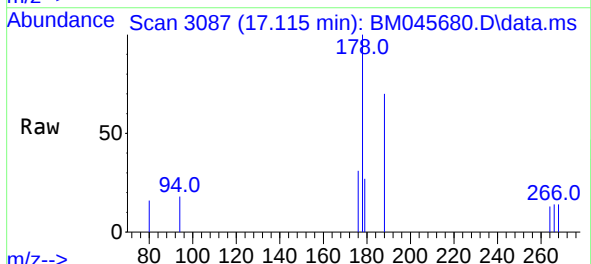
Tgt Ion:178 Resp: 109
Ion Ratio Lower Upper
178 100
179 22.5 18.3 27.5
176 25.9 21.8 32.6

Manual Integrations
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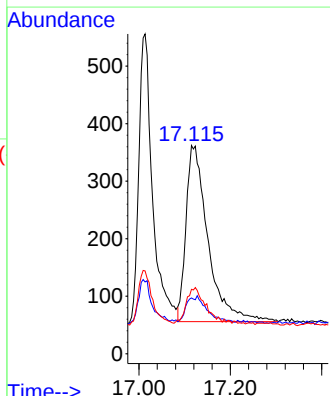
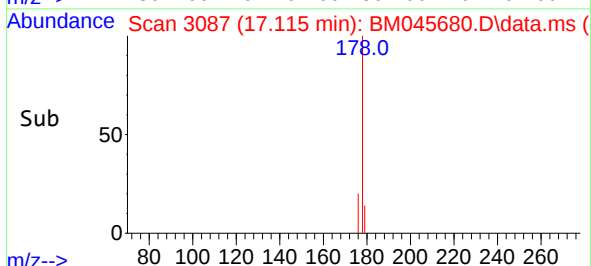
Reviewed By :Jagrut Upadhyay 05/03/2024
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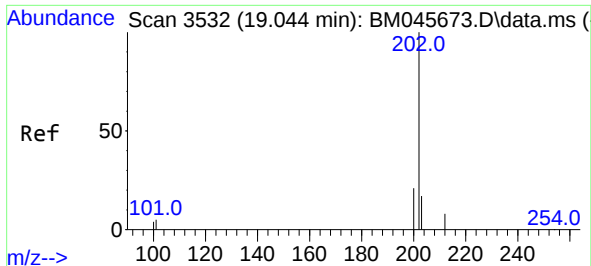


#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.115 min Scan# 3087
Delta R.T. -0.014 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05



Tgt Ion:178 Resp: 1021
Ion Ratio Lower Upper
178 100
179 26.8 20.9 31.3
176 30.9 22.9 34.3





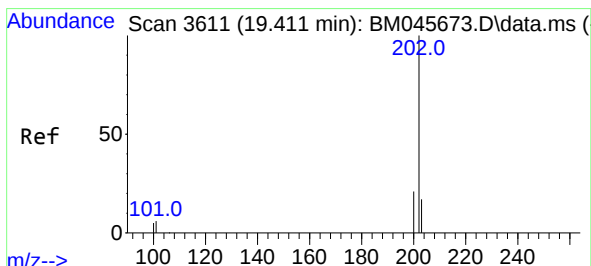
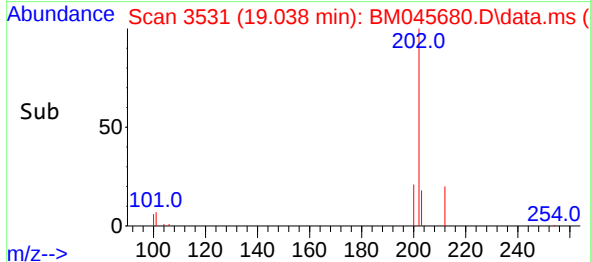
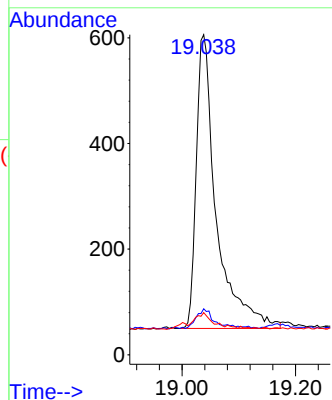
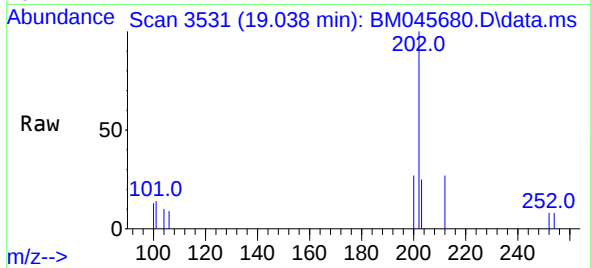
#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.038 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Instrument :
BNA_M
ClientSampleId :
SLCS416

Tgt Ion:202 Resp: 136
Ion Ratio Lower Upper
202 100
101 14.4 10.1 15.1
100 13.2 9.4 14.0

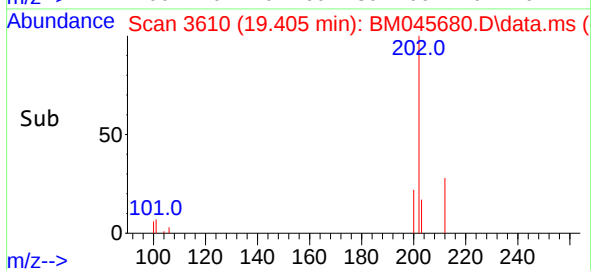
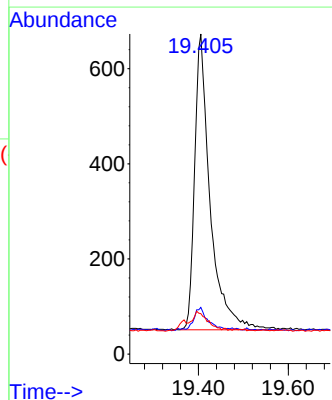
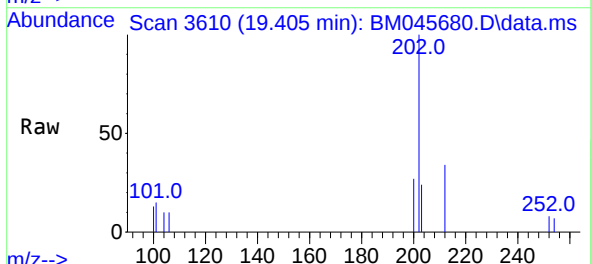
Manual Integrations
APPROVED

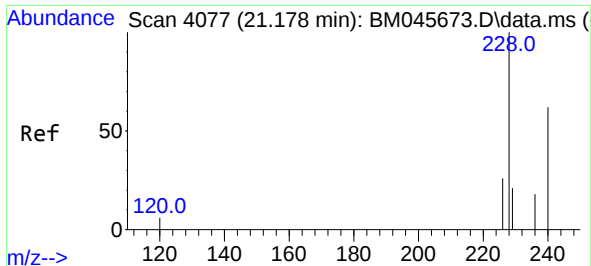
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.405 min Scan# 3610
Delta R.T. -0.006 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

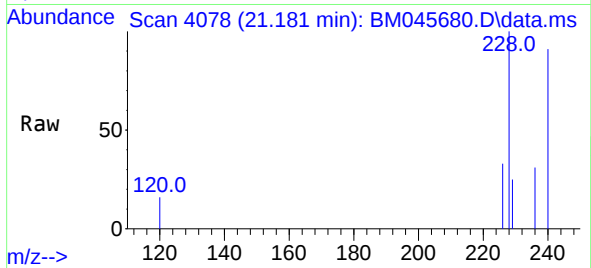
Tgt Ion:202 Resp: 1493
Ion Ratio Lower Upper
202 100
101 14.6 10.7 16.1
100 12.6 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.181 min Scan# 4077
Delta R.T. 0.004 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

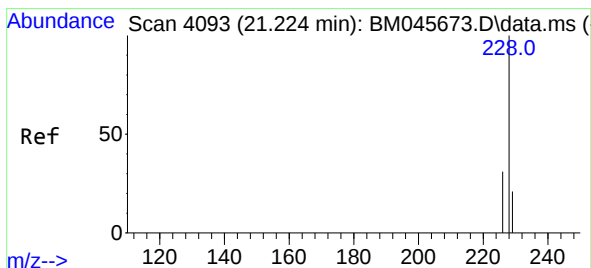
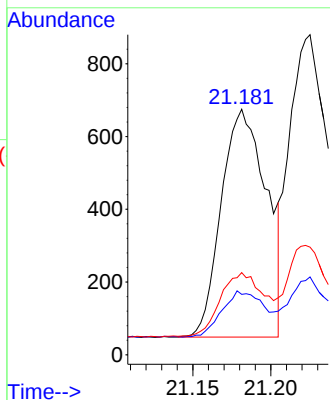
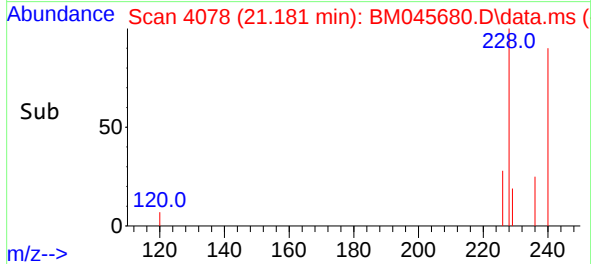
Instrument :
BNA_M
ClientSampleId :
SLCS416



Tgt Ion:228 Resp: 126
Ion Ratio Lower Upper
228 100
229 24.6 21.3 31.9
226 33.5 25.5 38.3

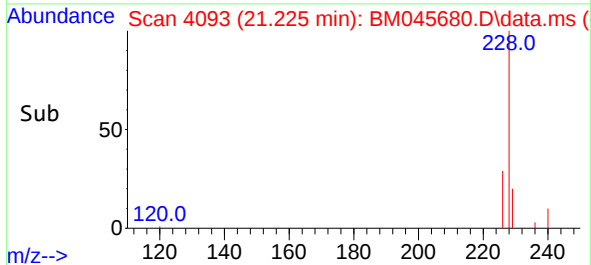
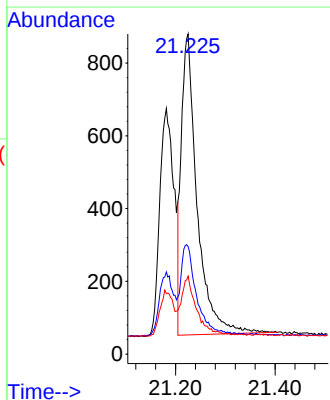
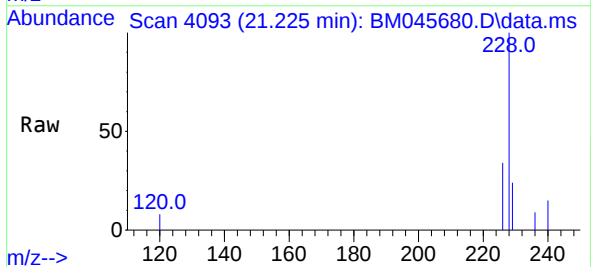
Manual Integrations
APPROVED

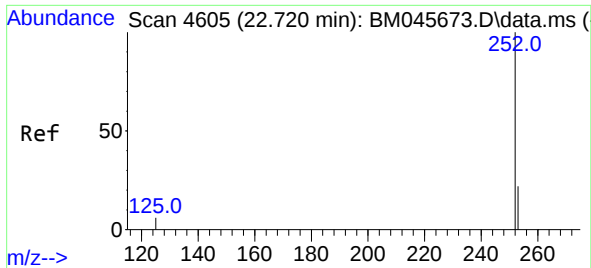
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. 0.001 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Tgt Ion:228 Resp: 1820
Ion Ratio Lower Upper
228 100
226 33.6 27.7 41.5
229 24.3 19.7 29.5





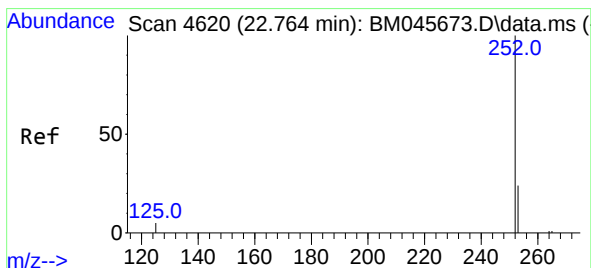
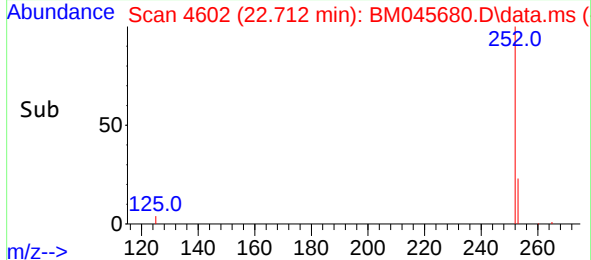
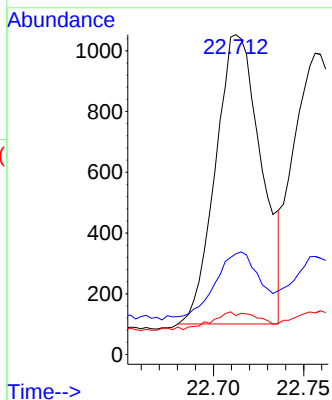
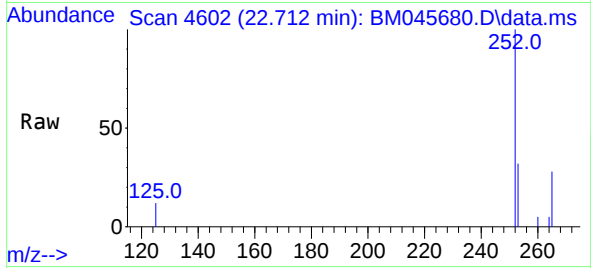
#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.712 min Scan# 4617
Delta R.T. -0.008 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

Instrument :
BNA_M
ClientSampleId :
SLCS416

Tgt Ion:252 Resp: 167
Ion Ratio Lower Upper
252 100
253 31.5 0.0 67.2
125 12.2 0.0 28.0

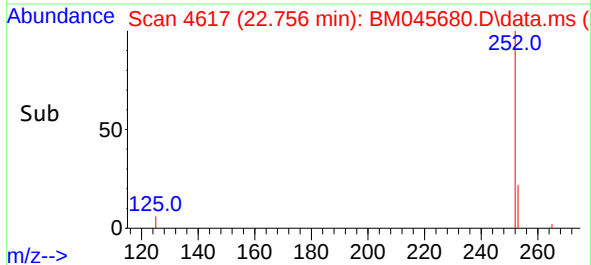
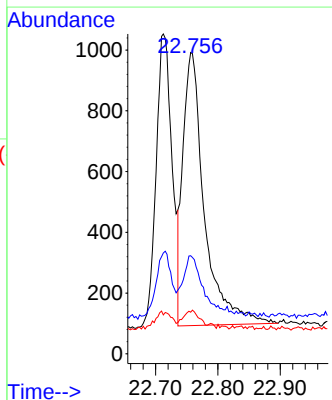
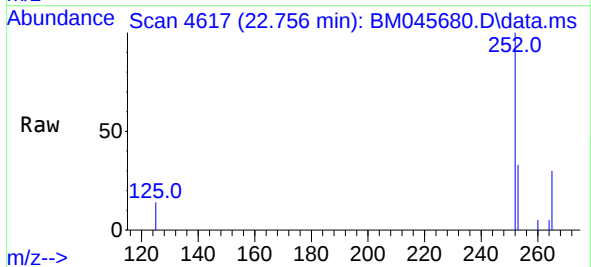
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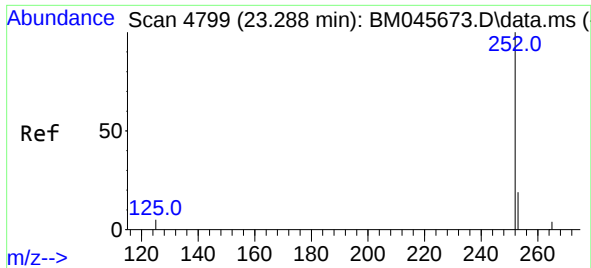
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.756 min Scan# 4617
Delta R.T. -0.008 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

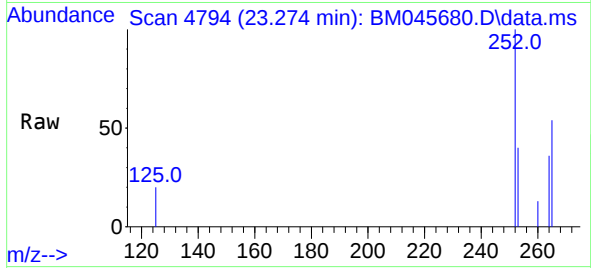
Tgt Ion:252 Resp: 2145
Ion Ratio Lower Upper
252 100
253 32.6 27.8 41.6
125 13.8 11.9 17.9





#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.014 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

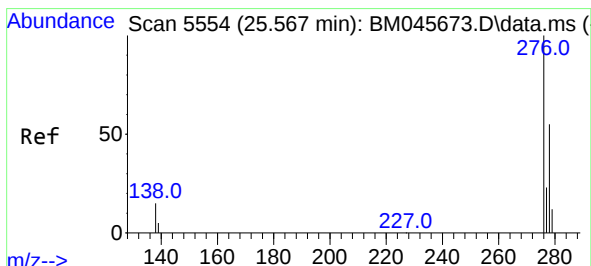
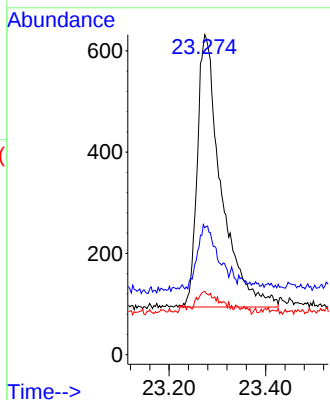
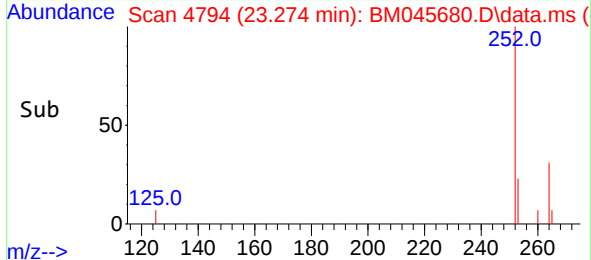
Instrument :
BNA_M
ClientSampleId :
SLCS416



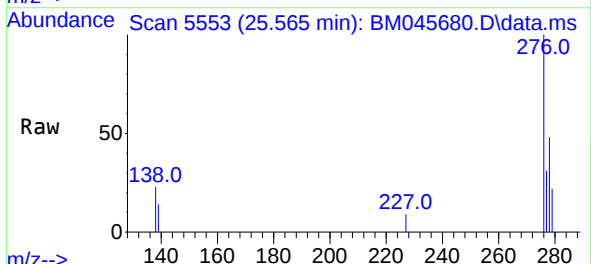
Tgt Ion:252 Resp: 1830
Ion Ratio Lower Upper
252 100
253 39.7 31.7 47.5
125 19.8 15.8 23.6

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APPROVED

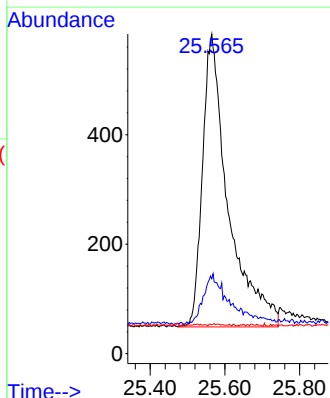
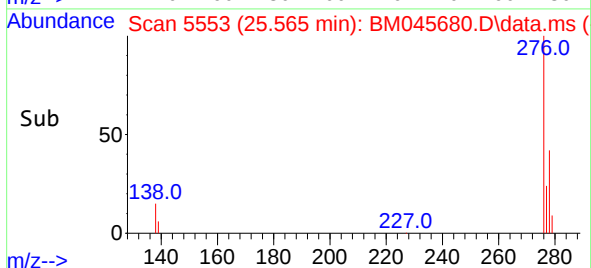
Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

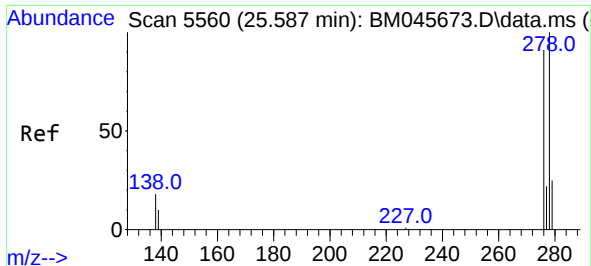


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 25.565 min Scan# 5553
Delta R.T. -0.003 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05



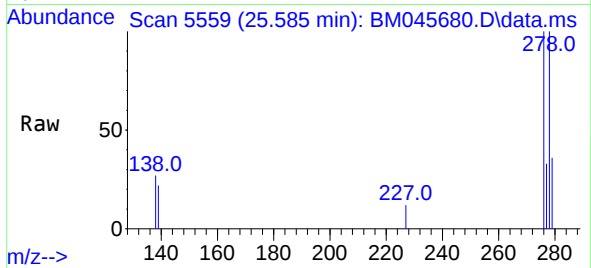
Tgt Ion:276 Resp: 2553
Ion Ratio Lower Upper
276 100
138 17.2 13.1 19.7
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.585 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05

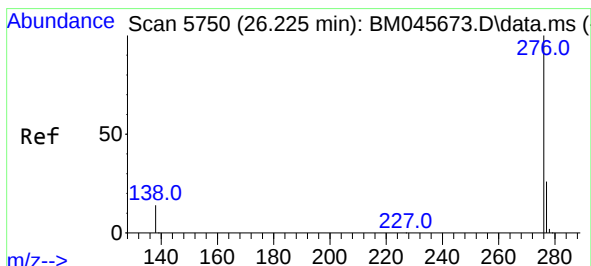
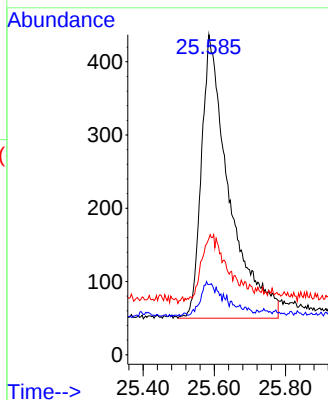
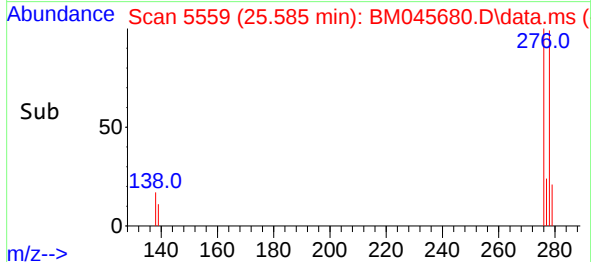
Instrument :
BNA_M
ClientSampleId :
SLCS416



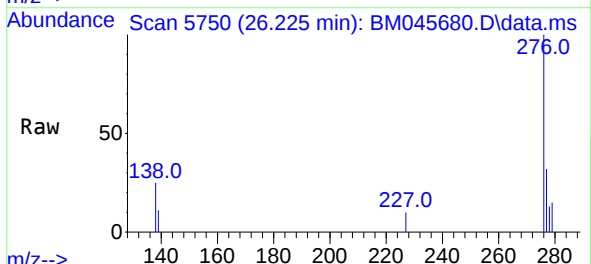
Tgt Ion:278 Resp: 2084
Ion Ratio Lower Upper
278 100
139 22.0 16.9 25.3
279 36.4 31.8 47.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.225 min Scan# 5750
Delta R.T. 0.001 min
Lab File: BM045680.D
Acq: 02 May 2024 23:05



Tgt Ion:276 Resp: 2298
Ion Ratio Lower Upper
276 100
138 25.4 18.8 28.2
277 31.9 27.1 40.7

