

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035124.D
 Acq On : 17 May 2022 03:57
 Operator : CG/JU
 Sample : PB144783BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS783

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 04:33:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	8143	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	5303	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	11851	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.471	240	9608	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	8067	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	1737	0.562	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	4112	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	10417	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	4057m	1.307	ng/ul	
5) Naphthalene	10.759	128	7198	0.268	ng/ul#	89
7) 2-Methylnaphthalene	12.376	142	4914	0.278	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	4912	0.299	ng/ul	99
10) Acenaphthylene	14.265	152	8126	0.259	ng/ul#	91
11) Acenaphthene	14.607	153	6020	0.266	ng/ul	97
12) Fluorene	15.597	166	7119	0.269	ng/ul	97
14) Pentachlorophenol	16.946	266	2112	0.472	ng/ul	98
15) Phenanthrene	17.330	178	12278	0.272	ng/ul	95
16) Anthracene	17.423	178	10941	0.266	ng/ul#	93
19) Fluoranthene	19.345	202	14459	0.268	ng/ul	99
20) Pyrene	19.707	202	14711	0.268	ng/ul	97
21) Benzo(a)anthracene	21.456	228	11928	0.268	ng/ul	97
22) Chrysene	21.509	228	12886	0.279	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	11792	0.279	ng/ul	92
25) Benzo(k)fluoranthene	23.180	252	11367	0.282	ng/ul	91
26) Benzo(a)pyrene	23.750	252	10625	0.276	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.326	276	12078	0.317	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.346	278	9672	0.319	ng/ul	92
29) Benzo(g,h,i)perylene	27.084	276	10435	0.319	ng/ul	94

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

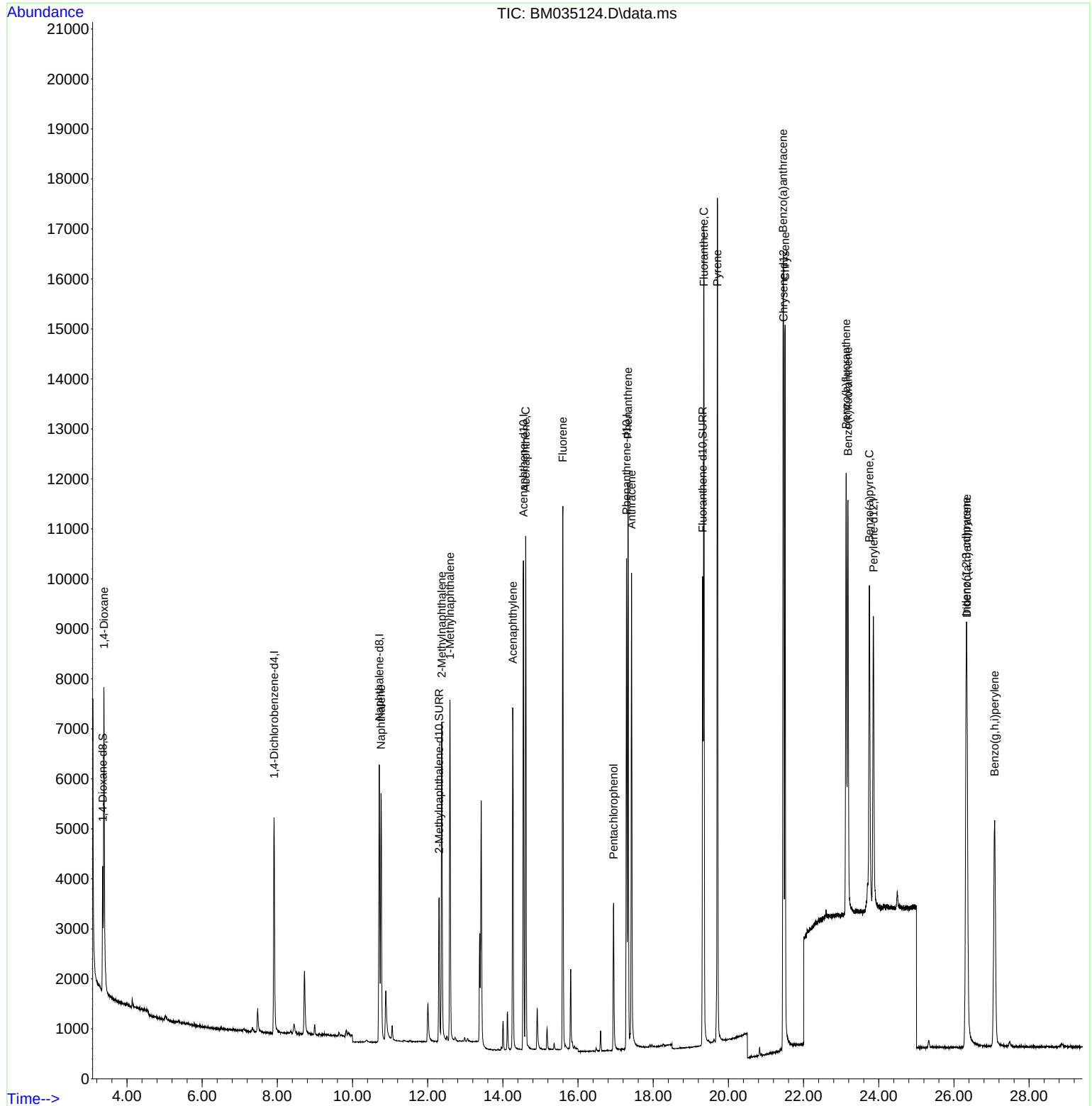
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035124.D
Acq On : 17 May 2022 03:57
Operator : CG/JU
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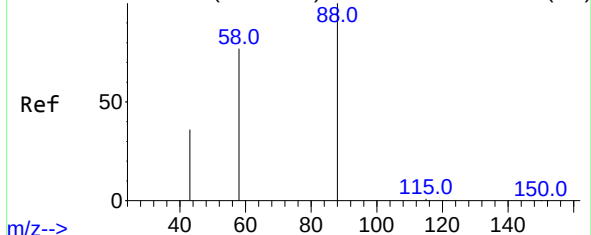
Quant Time: May 17 04:33:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
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Supervised By :mohammad ahmed 05/18/2022



Abundance Scan 74 (3.394 min): BM035110.D\data.ms (-68)



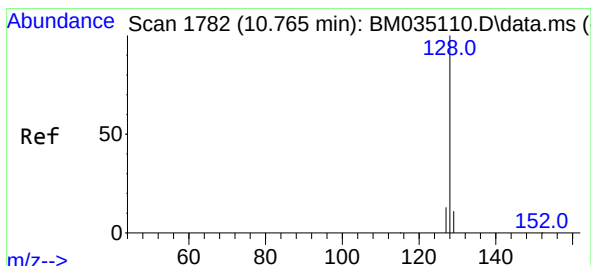
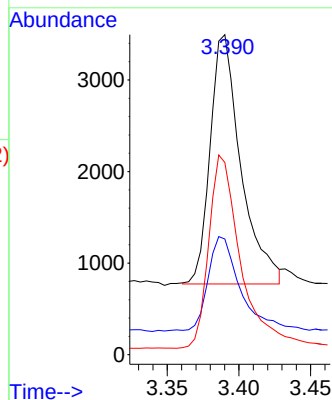
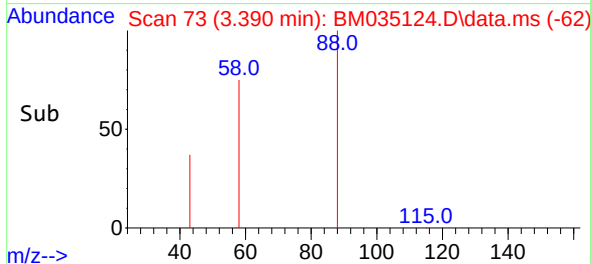
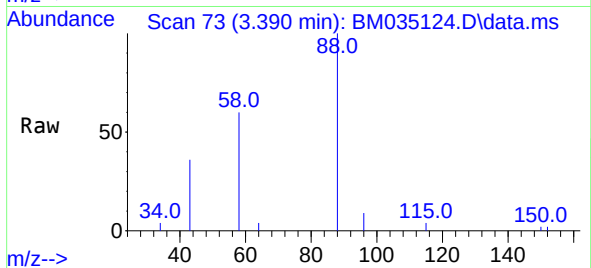
#2
1,4-Dioxane
Concen: 1.307 ng/ul m
RT: 3.390 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

Instrument :
BNA_M
ClientSampleId :
SLCS783

Tgt Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
43 36.1 49.7 74.5
58 60.1 52.5 78.7

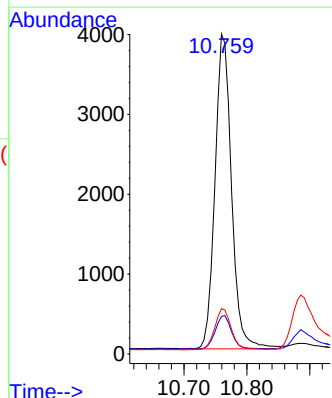
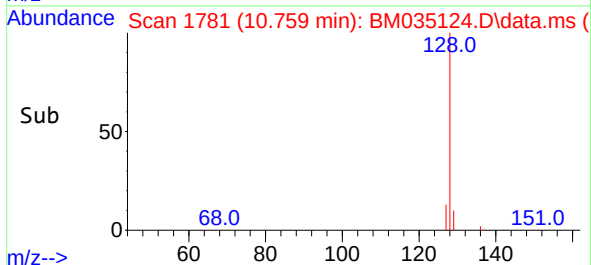
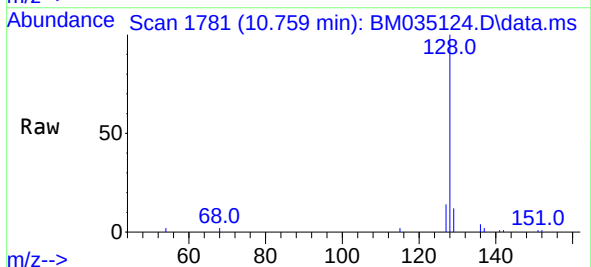
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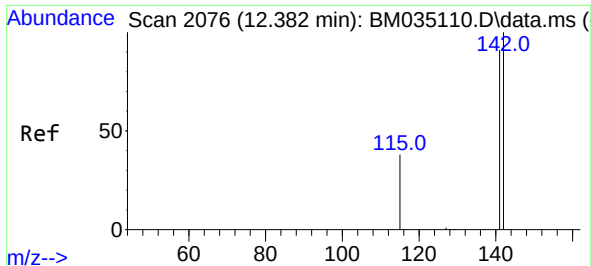
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

Tgt Ion:128 Resp: 7198
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2#
127 14.2 15.2 22.8#





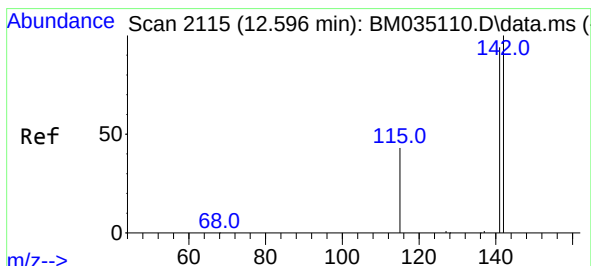
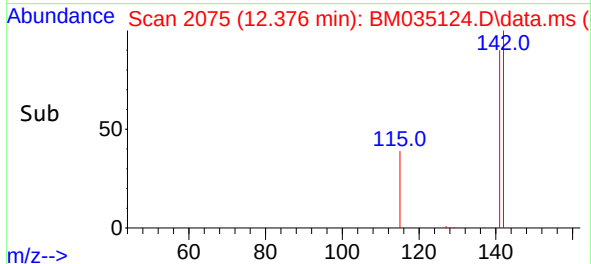
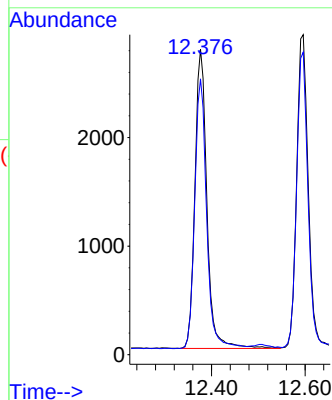
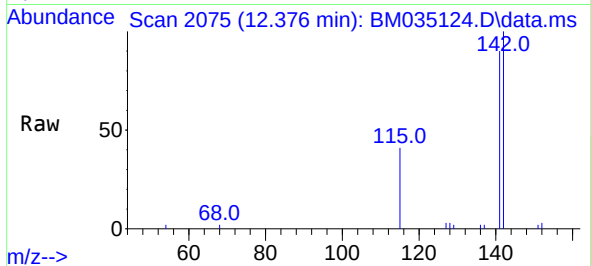
#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.376 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

Instrument :
BNA_M
ClientSampleId :
SLCS783

Tgt Ion:142 Resp: 4914
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6

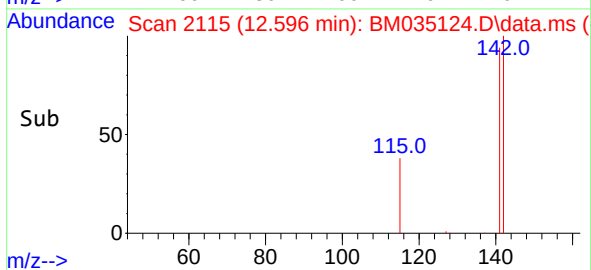
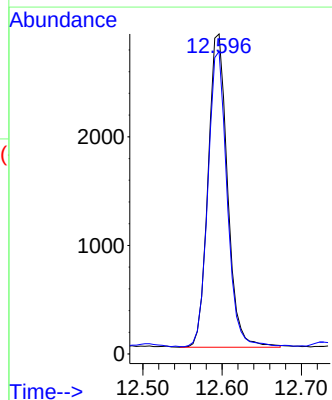
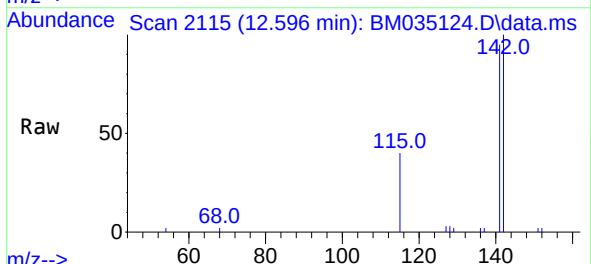
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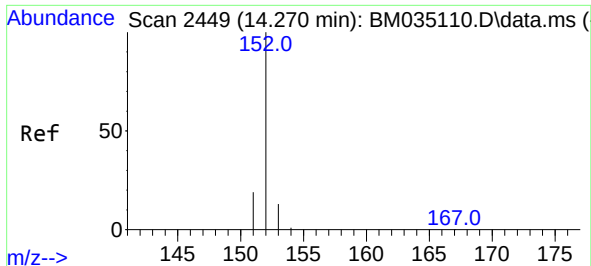
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

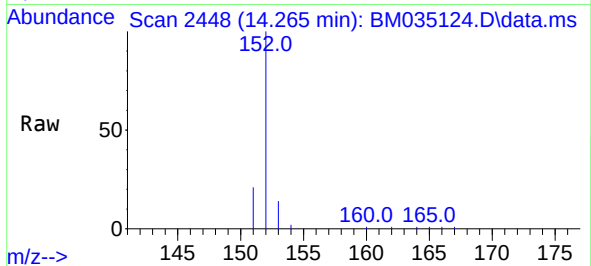
Tgt Ion:142 Resp: 4912
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4





#10
Acenaphthylene
Concen: 0.259 ng/u1
RT: 14.265 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

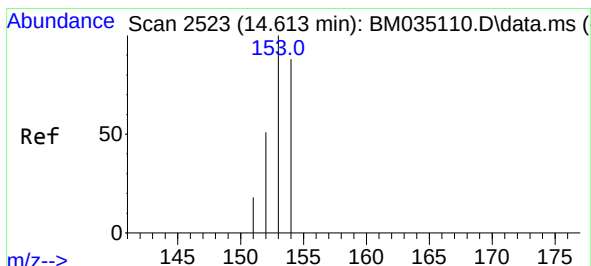
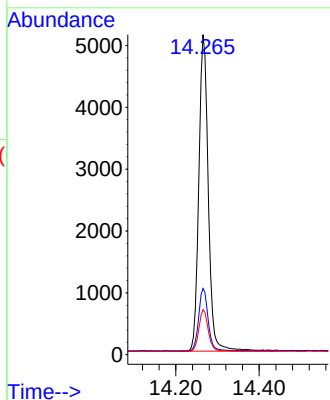
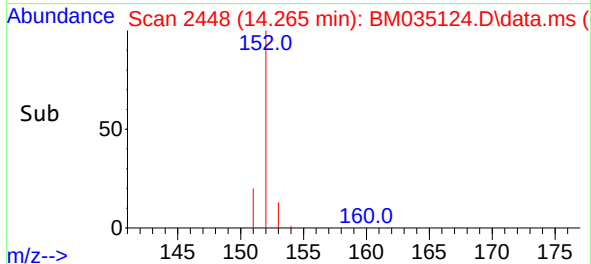
Instrument :
BNA_M
ClientSampleId :
SLCS783



Tgt Ion:152 Resp: 8120
Ion Ratio Lower Upper
152 100
151 20.7 19.9 29.9
153 14.0 15.0 22.4

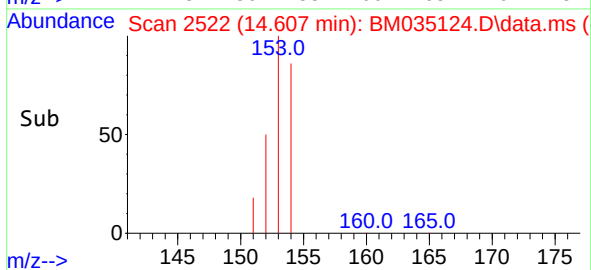
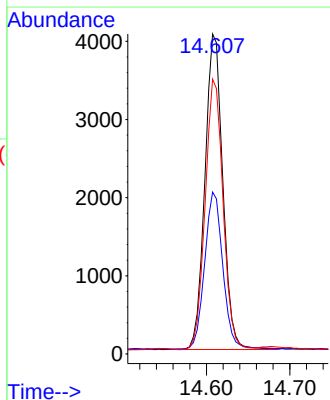
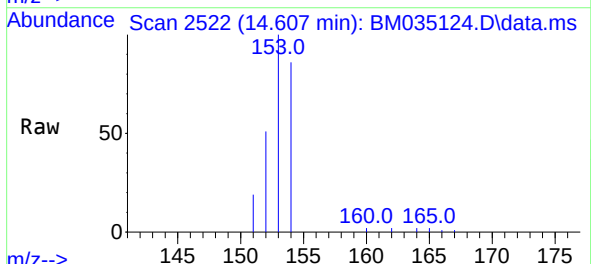
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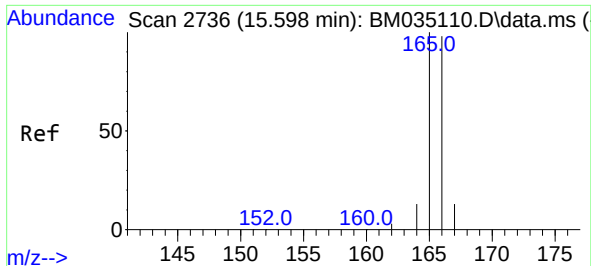
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.266 ng/u1
RT: 14.607 min Scan# 2522
Delta R.T. -0.009 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

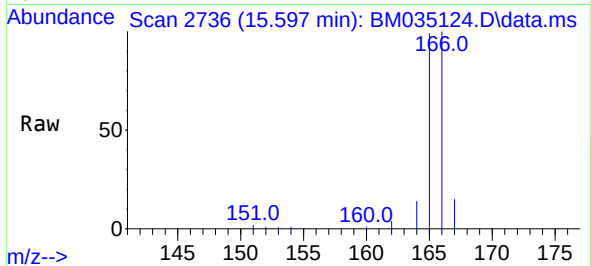
Tgt Ion:153 Resp: 6020
Ion Ratio Lower Upper
153 100
152 50.6 42.4 63.6
154 85.9 66.2 99.2





#12
Fluorene
Concen: 0.269 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

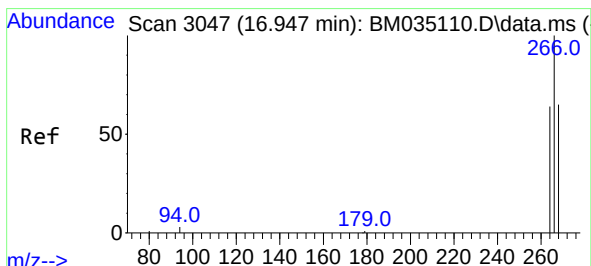
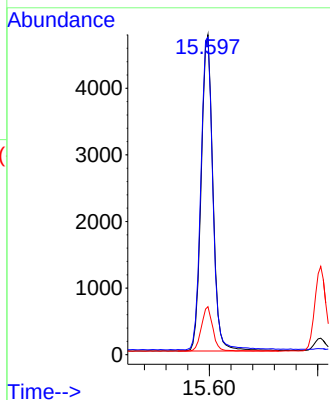
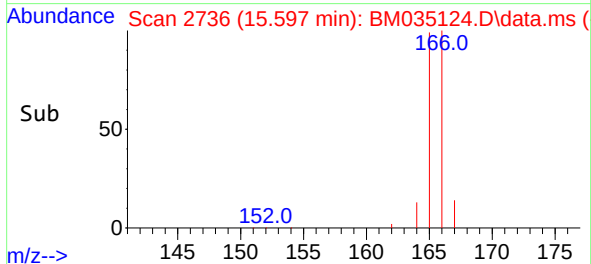
Instrument :
BNA_M
ClientSampleId :
SLCS783



Tgt Ion:166 Resp: 7119
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 15.0 14.9 22.3

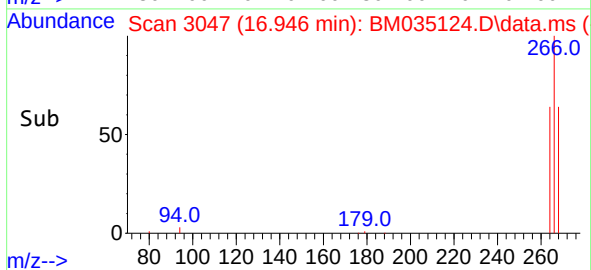
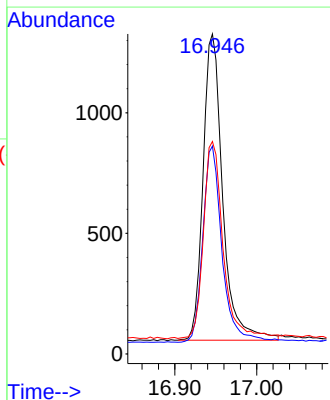
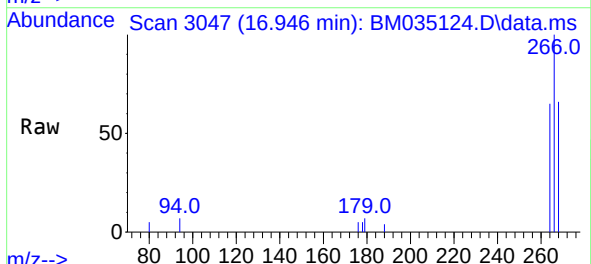
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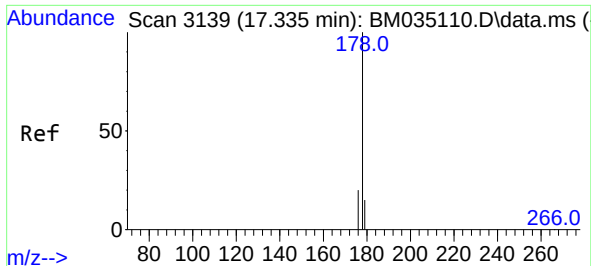
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#14
Pentachlorophenol
Concen: 0.472 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

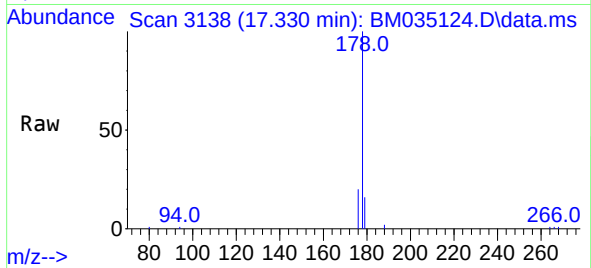
Tgt Ion:266 Resp: 2112
Ion Ratio Lower Upper
266 100
264 63.0 51.4 77.0
268 64.4 53.1 79.7





#15
Phenanthrene
Concen: 0.272 ng/u1
RT: 17.330 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

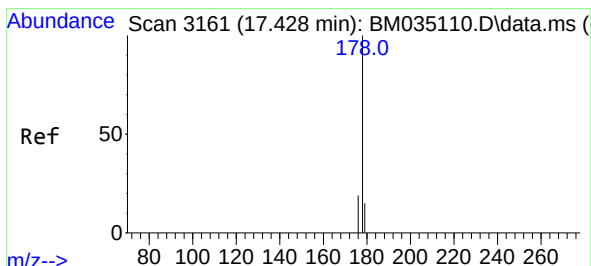
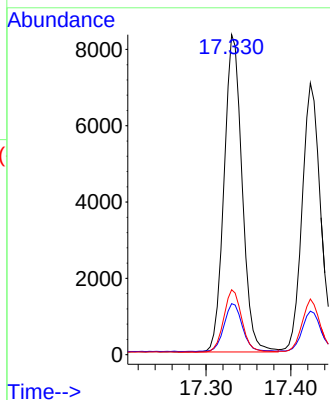
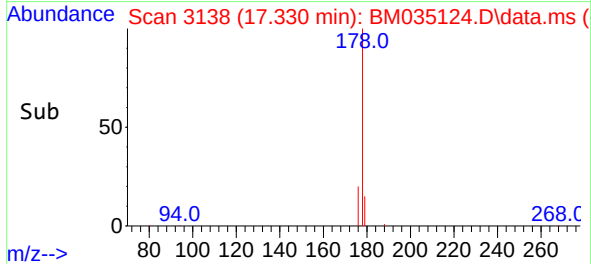
Instrument :
BNA_M
ClientSampleId :
SLCS783



Tgt Ion:178 Resp: 12278
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 20.3 17.9 26.9

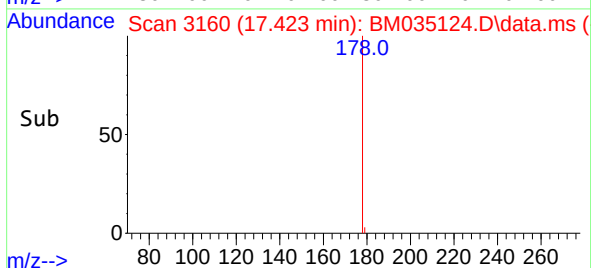
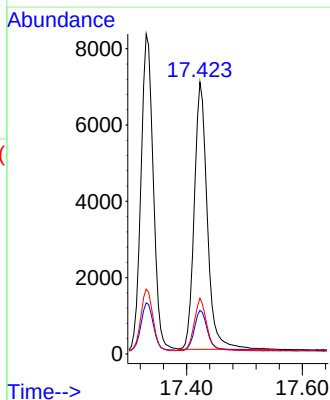
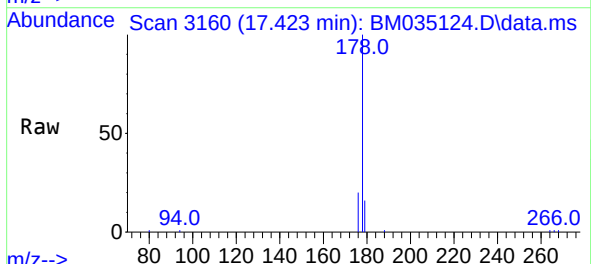
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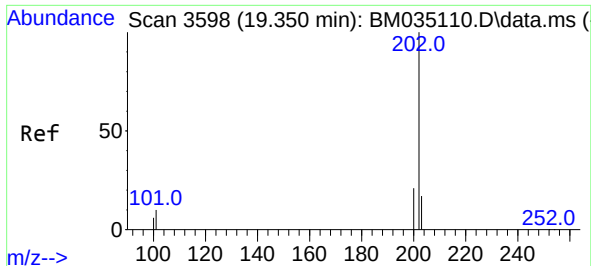
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.266 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

Tgt Ion:178 Resp: 10941
Ion Ratio Lower Upper
178 100
179 16.0 16.5 24.7#
176 20.5 18.3 27.5





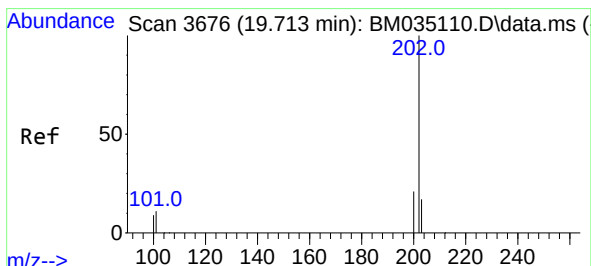
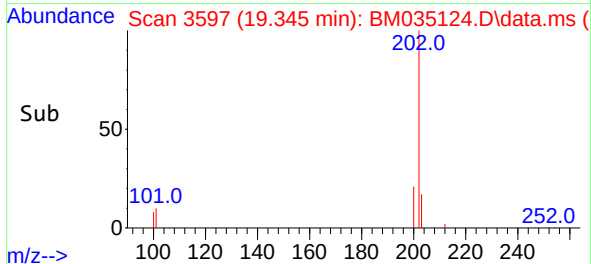
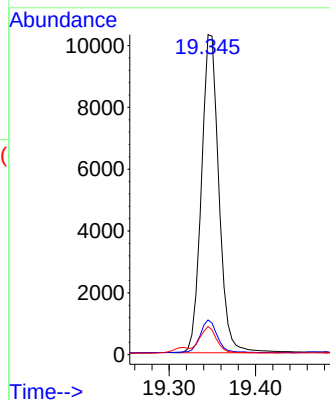
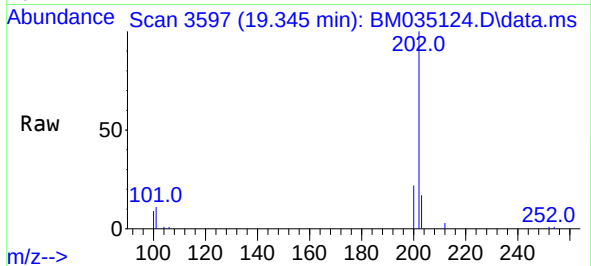
#19
Fluoranthene
Concen: 0.268 ng/ul
RT: 19.345 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

Instrument :
BNA_M
ClientSampleId :
SLCS783

Tgt Ion:202 Resp: 1445
Ion Ratio Lower Upper
202 100
101 10.9 9.2 13.8
100 8.8 7.2 10.8

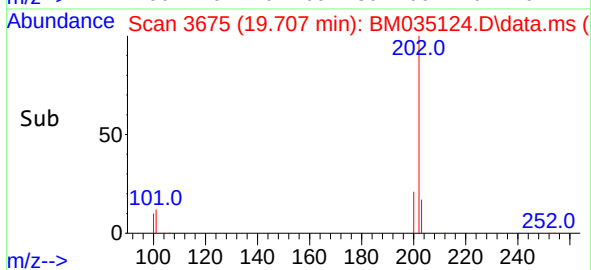
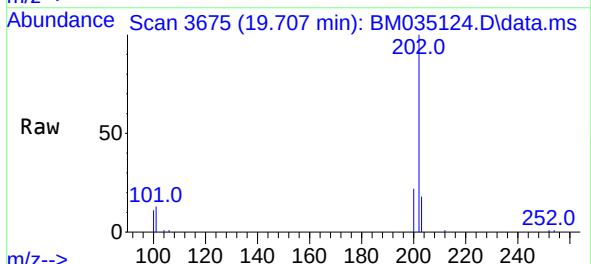
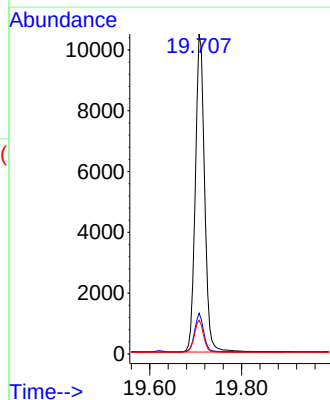
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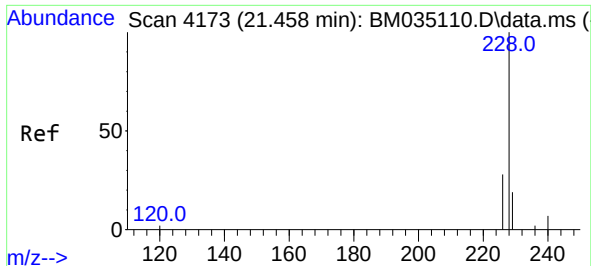
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.268 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. -0.005 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

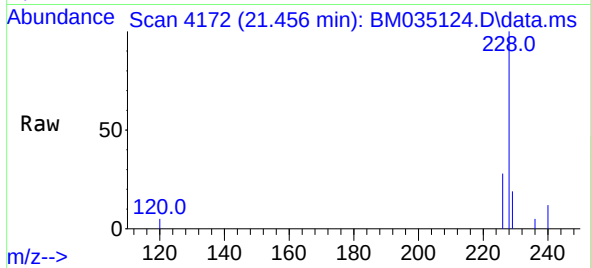
Tgt Ion:202 Resp: 14711
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 10.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.268 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

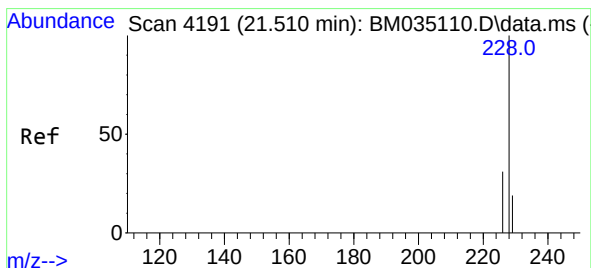
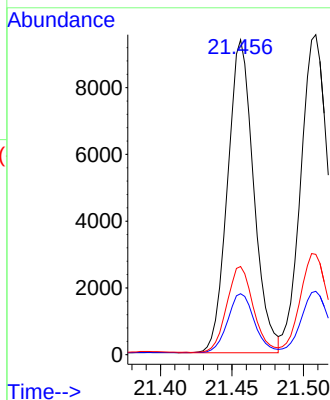
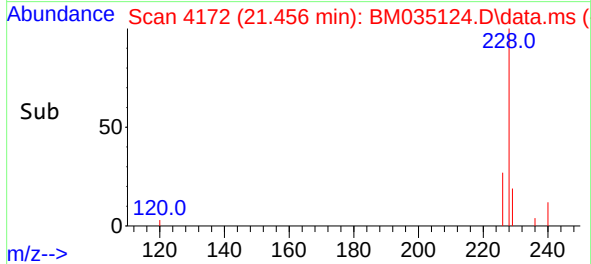
Instrument :
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SLCS783



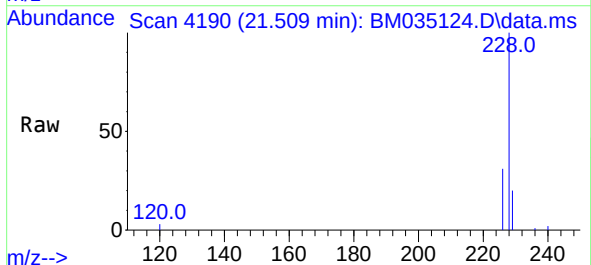
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Ion Ratio Lower Upper
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229 19.4 17.3 25.9
226 28.0 23.2 34.8

Manual Integrations
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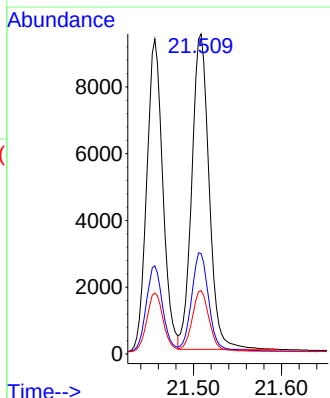
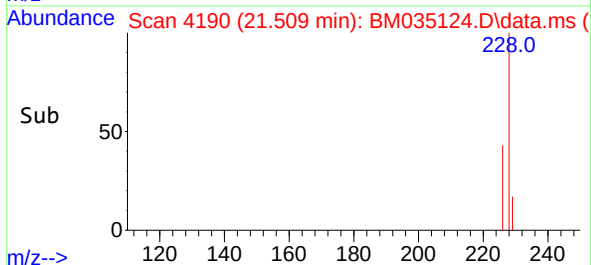
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

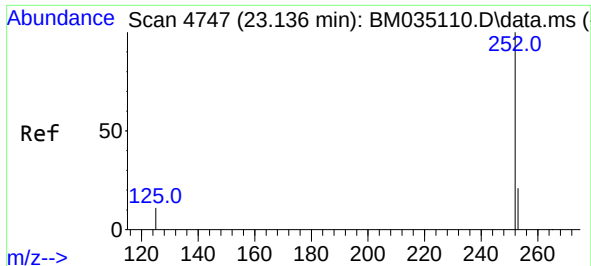


#22
Chrysene
Concen: 0.279 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57



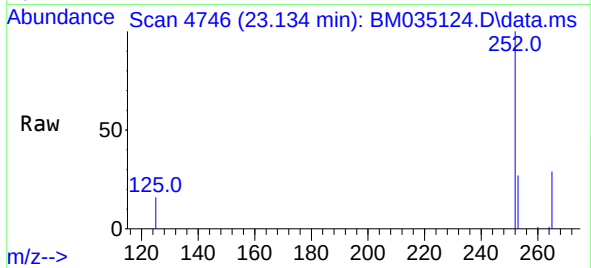
Tgt Ion:228 Resp: 12886
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 19.8 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul
RT: 23.134 min Scan# 4747
Delta R.T. 0.000 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

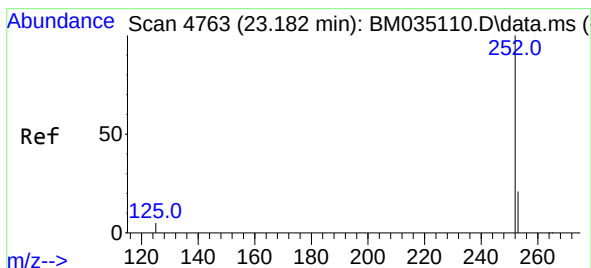
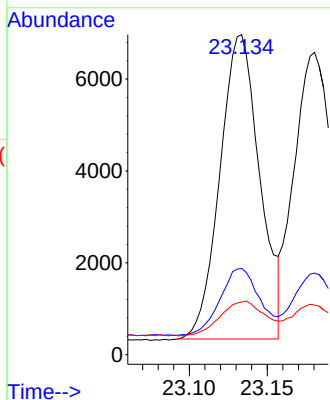
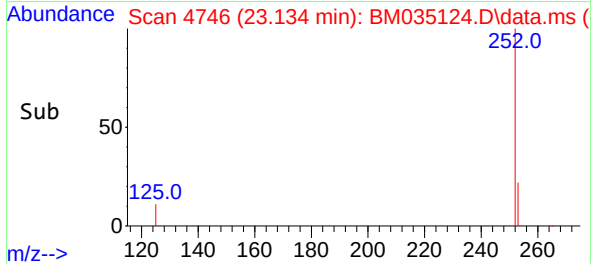
Instrument :
BNA_M
ClientSampleId :
SLCS783



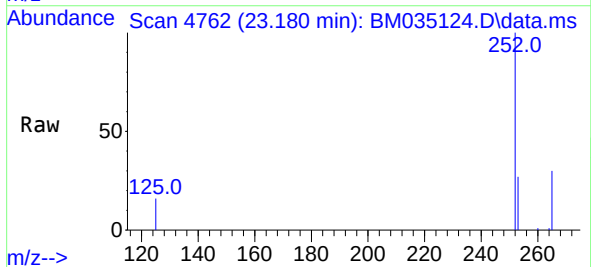
Tgt Ion:252 Resp: 11792
Ion Ratio Lower Upper
252 100
253 26.9 0.0 64.2
125 16.5 0.0 28.8

Manual Integrations
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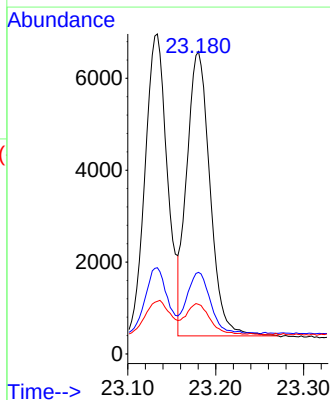
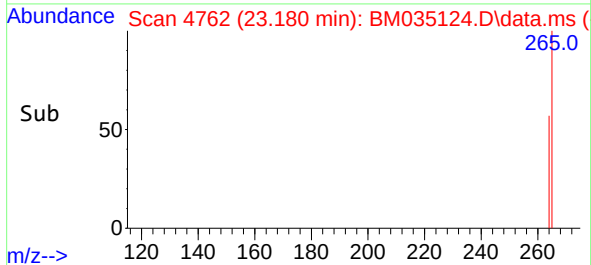
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

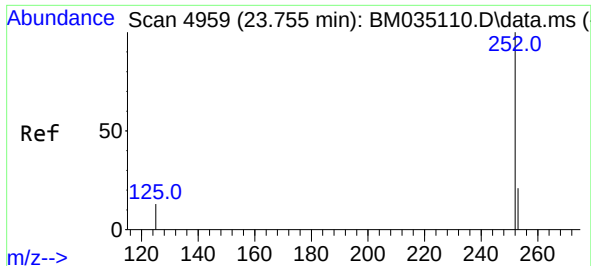


#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57



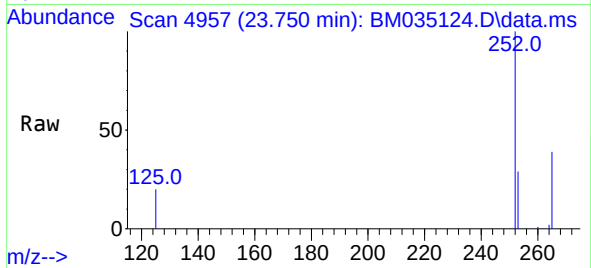
Tgt Ion:252 Resp: 11367
Ion Ratio Lower Upper
252 100
253 27.0 26.8 40.2
125 16.4 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.276 ng/ul
RT: 23.750 min Scan# 4959
Delta R.T. 0.000 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

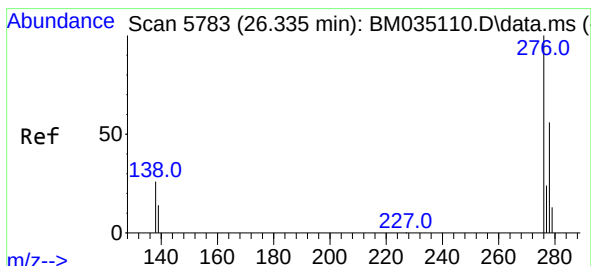
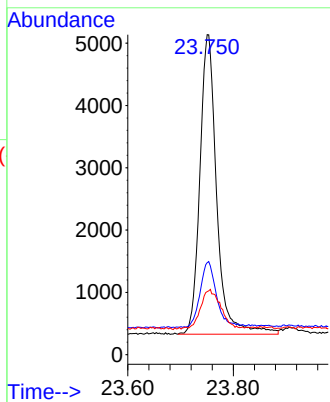
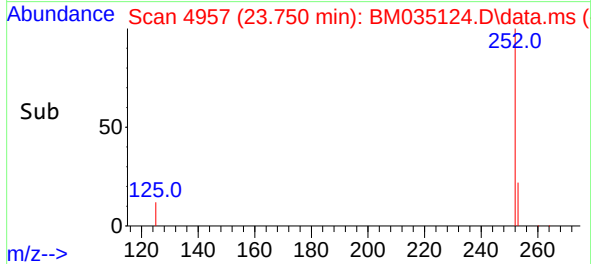
Instrument :
BNA_M
ClientSampleId :
SLCS783



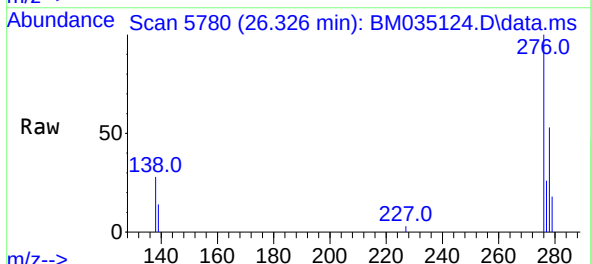
Tgt Ion:252 Resp: 10625
Ion Ratio Lower Upper
252 100
253 28.7 32.0 48.0#
125 19.7 14.5 21.7

Manual Integrations
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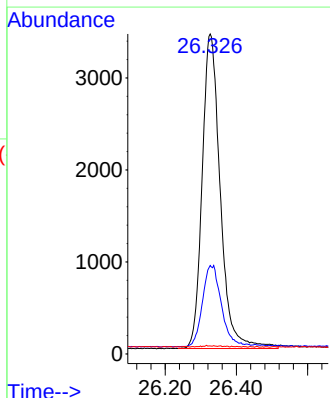
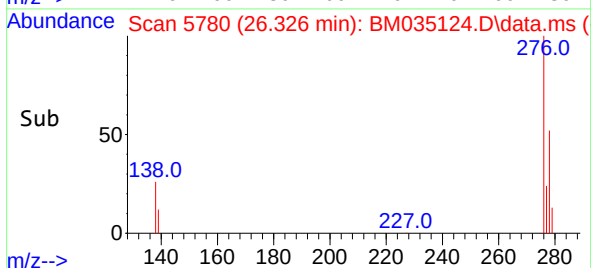
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

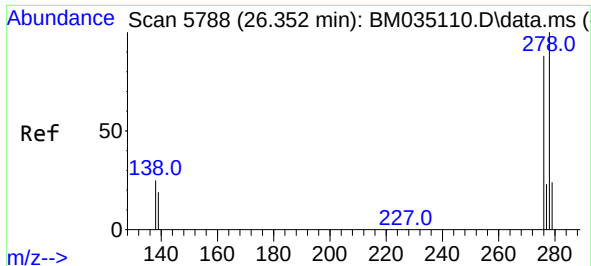


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57



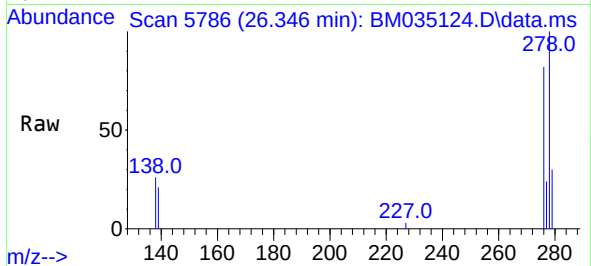
Tgt Ion:276 Resp: 12078
Ion Ratio Lower Upper
276 100
138 26.7 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.346 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57

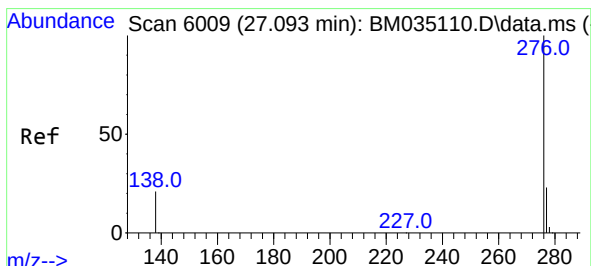
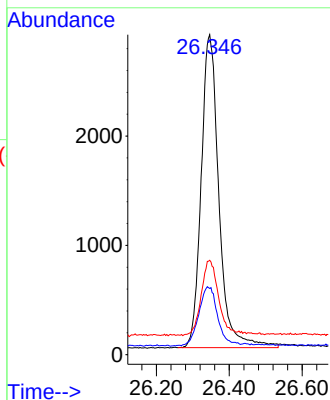
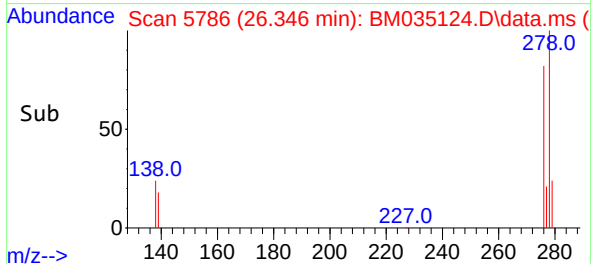
Instrument :
BNA_M
ClientSampleId :
SLCS783



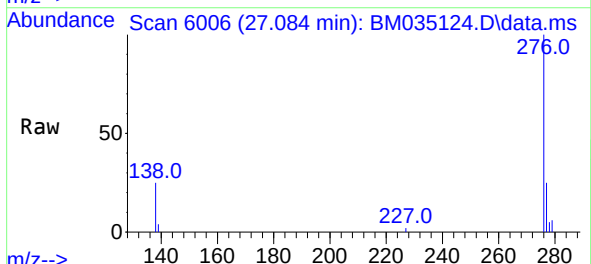
Tgt Ion:278 Resp: 9672
Ion Ratio Lower Upper
278 100
139 20.7 18.0 27.0
279 29.5 28.6 42.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. 0.003 min
Lab File: BM035124.D
Acq: 17 May 2022 03:57



Tgt Ion:276 Resp: 10435
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 25.5 22.6 33.8

