

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034473.D
 Acq On : 31 Mar 2022 11:49
 Operator : CG/JU
 Sample : PB143578BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS578

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Apr 01 02:56:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	1881	0.400	ng/ul	0.02
4) Naphthalene-d8	10.757	136	6526	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	2987	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4805	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4507	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	4661	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2516	0.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2811	0.320	ng/ul	0.02
18) Fluoranthene-d10	19.343	212	5636	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.338	88	7431	2.404	ng/ul#	80
5) Naphthalene	10.807	128	6121	0.324	ng/ul	94
7) 2-Methylnaphthalene	12.440	142	3355	0.290	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	3430	0.297	ng/ul	100
10) Acenaphthylene	14.296	152	5748	0.400	ng/ul#	93
11) Acenaphthene	14.634	153	4196	0.383	ng/ul	96
12) Fluorene	15.638	166	4156	0.356	ng/ul	97
14) Pentachlorophenol	16.995	266	1231	0.636	ng/ul	99
15) Phenanthrene	17.367	178	5749	0.375	ng/ul	99
16) Anthracene	17.476	178	4186	0.311	ng/ul	99
19) Fluoranthene	19.375	202	7516	0.370	ng/ul	97
20) Pyrene	19.733	202	8844	0.394	ng/ul#	94
21) Benzo(a)anthracene	21.489	228	4135	0.293	ng/ul	98
22) Chrysene	21.542	228	5647	0.350	ng/ul	98
24) Benzo(b)fluoranthene	23.170	252	5762m	0.357	ng/ul	
25) Benzo(k)fluoranthene	23.222	252	5368m	0.344	ng/ul	
26) Benzo(a)pyrene	23.804	252	6960	0.417	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.424	276	7918	0.364	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.465	278	5645	0.346	ng/ul#	77
29) Benzo(g,h,i)perylene	27.182	276	8704	0.414	ng/ul	97

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

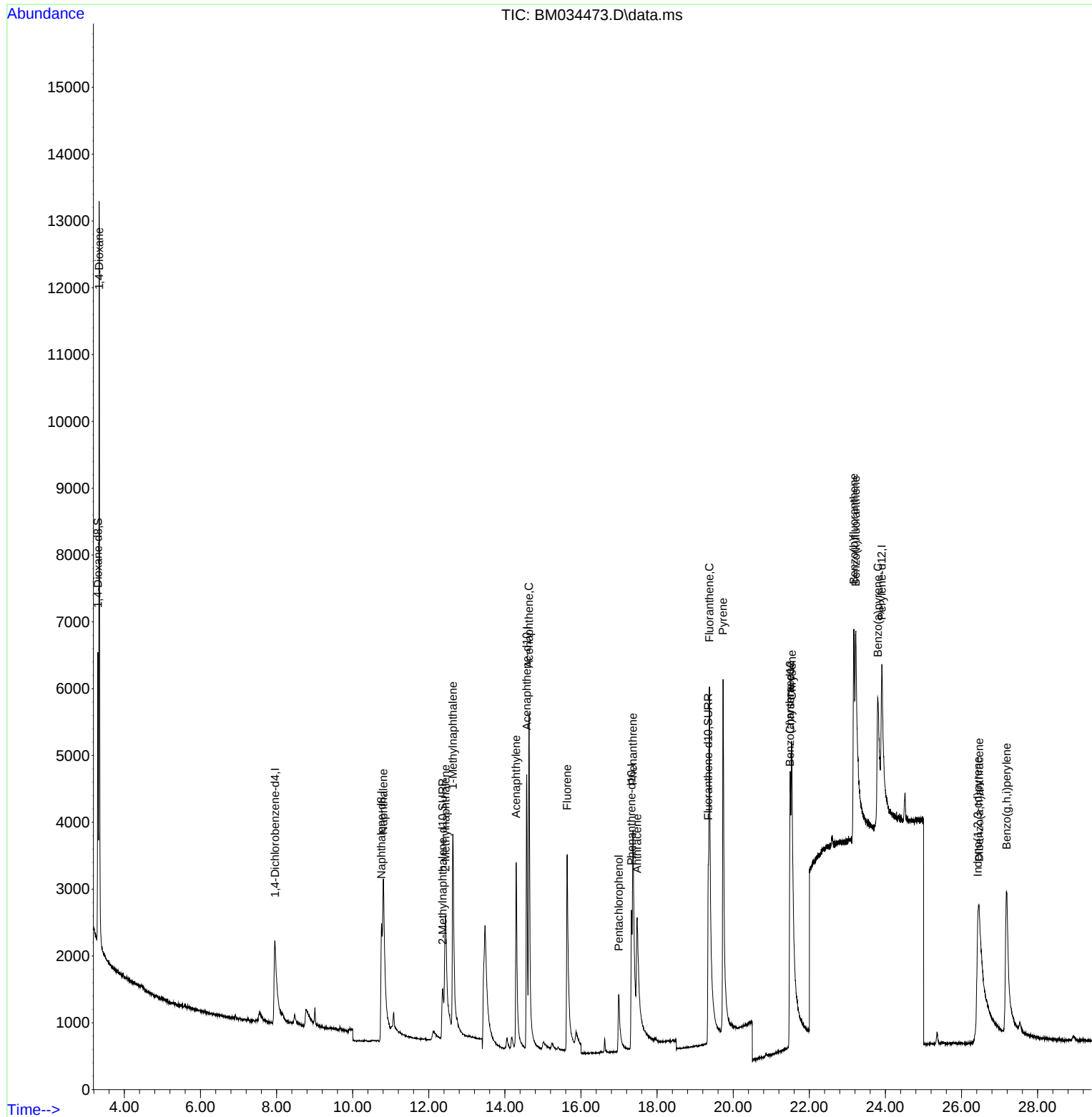
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034473.D
Acq On : 31 Mar 2022 11:49
Operator : CG/JU
Sample : PB143578BS
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS578

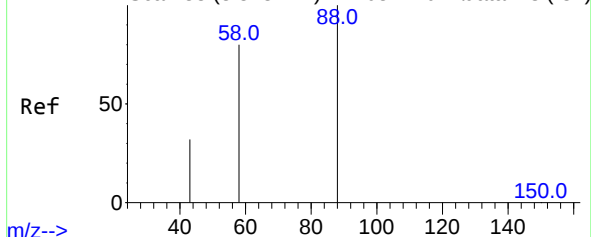
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Apr 01 02:56:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
Response via : Initial Calibration



Abundance Scan 38 (3.343 min): BM034470.D\data.ms (-31)



#2

1,4-Dioxane

Concen: 2.404 ng/ul

RT: 3.338 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM034473.D

Acq: 31 Mar 2022 11:49

Instrument :

BNA_M

ClientSampleId :

SLCS578

Tgt Ion: 88 Resp: 743

Ion Ratio Lower Upper

88 100

43 34.6 49.7 74.5

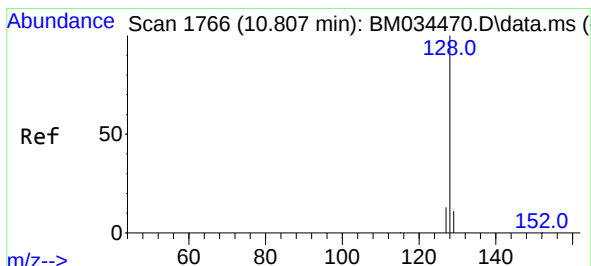
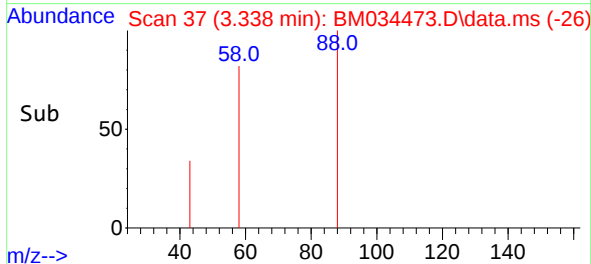
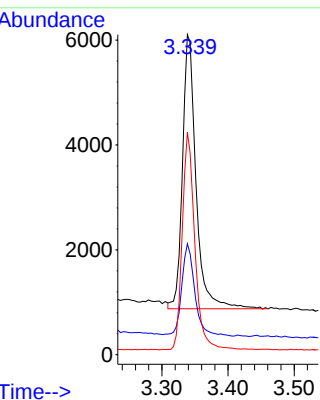
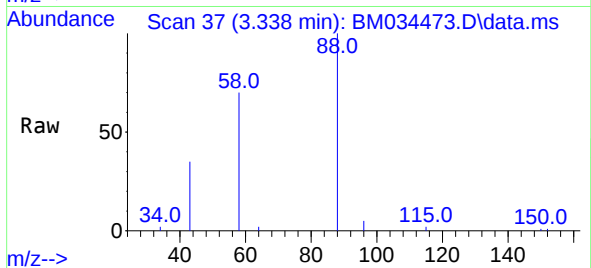
58 69.5 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022

Supervised By :Yogesh Patel 04/02/2022



#5

Naphthalene

Concen: 0.324 ng/ul

RT: 10.807 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM034473.D

Acq: 31 Mar 2022 11:49

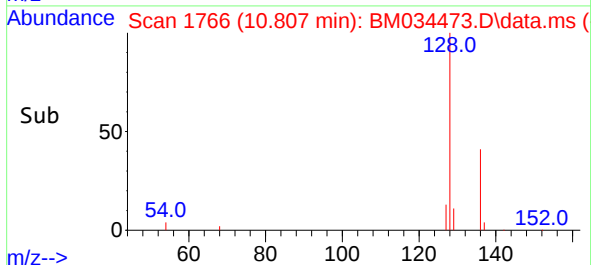
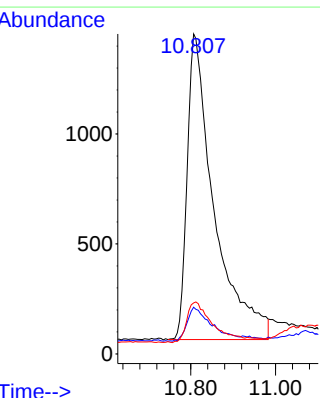
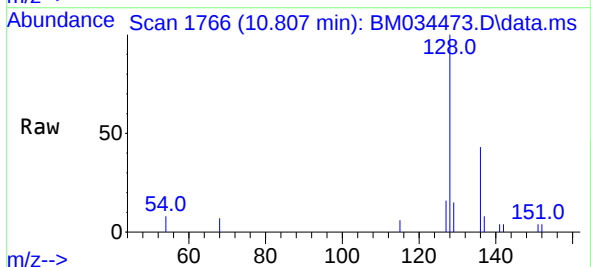
Tgt Ion:128 Resp: 6121

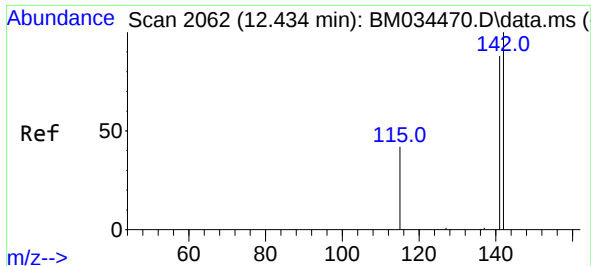
Ion Ratio Lower Upper

128 100

129 14.6 13.4 20.2

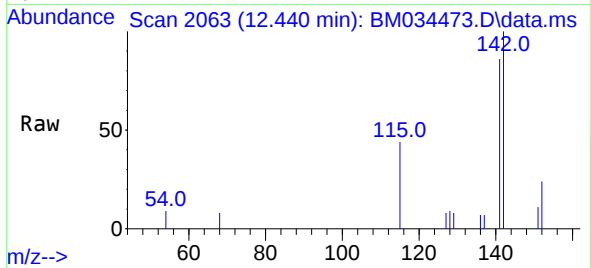
127 15.9 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. 0.022 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

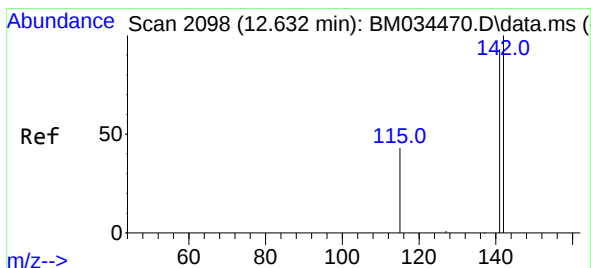
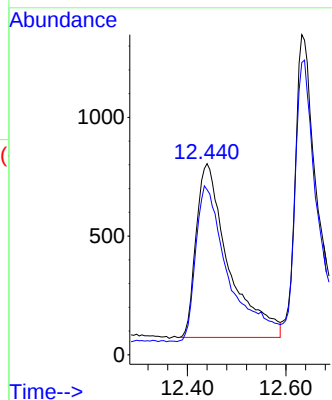
Instrument :
BNA_M
ClientSampleId :
SLCS578



Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
141 91.8 71.8 107.6

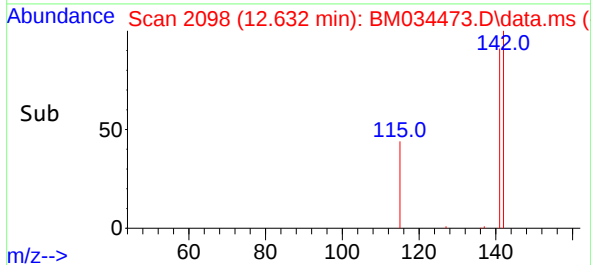
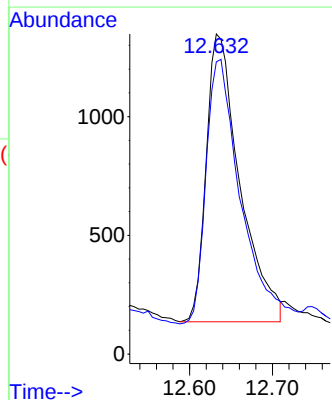
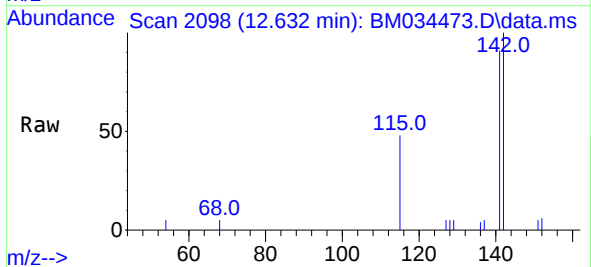
Manual Integrations
APPROVED

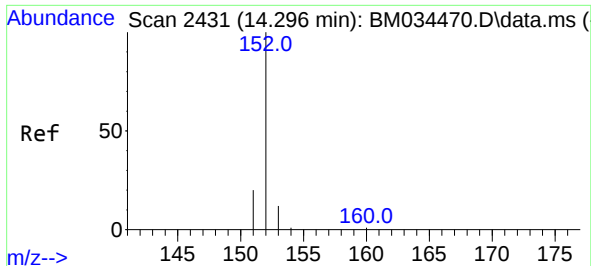
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#8
1-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

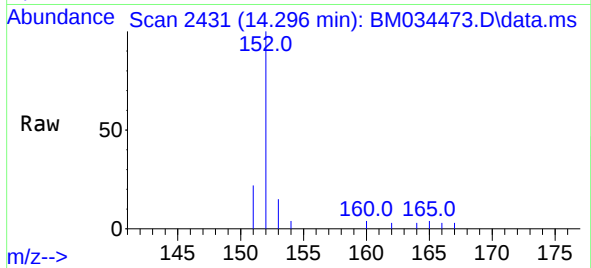
Tgt Ion:142 Resp: 3430
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4





#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

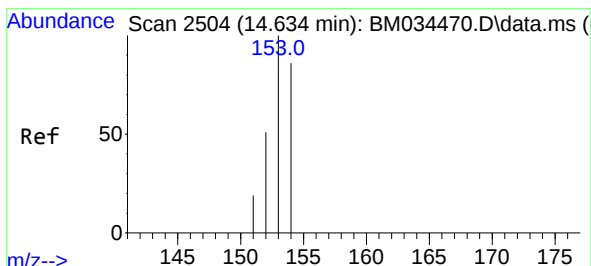
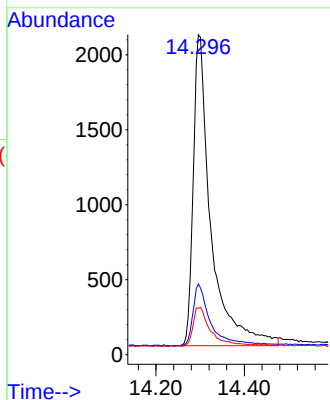
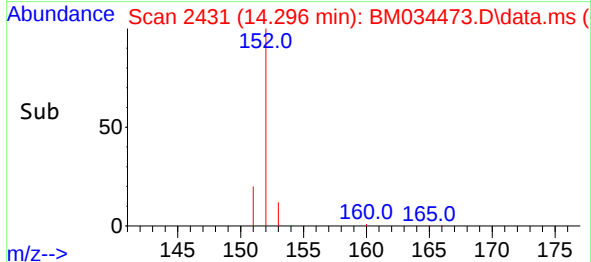
Instrument :
BNA_M
ClientSampleId :
SLCS578



Tgt Ion:152 Resp: 5748
Ion Ratio Lower Upper
152 100
151 22.1 19.9 29.9
153 14.5 15.0 22.4

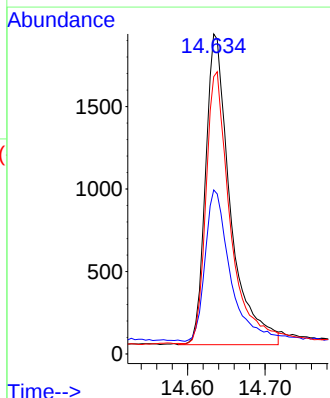
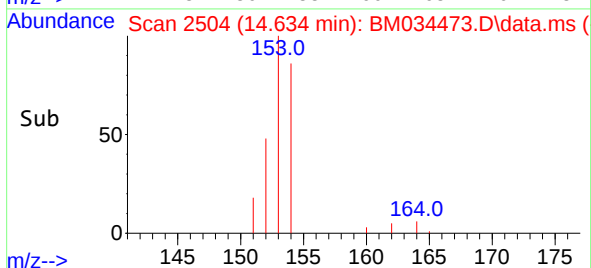
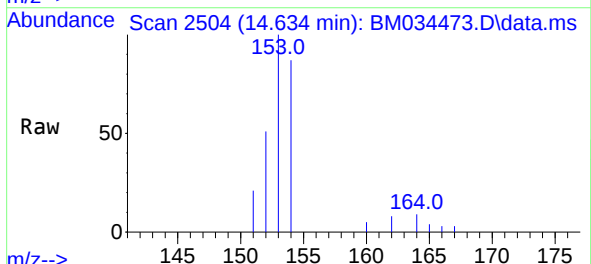
Manual Integrations
APPROVED

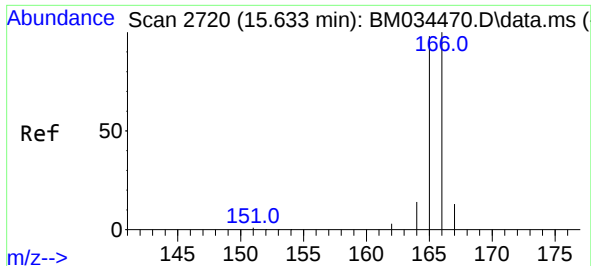
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

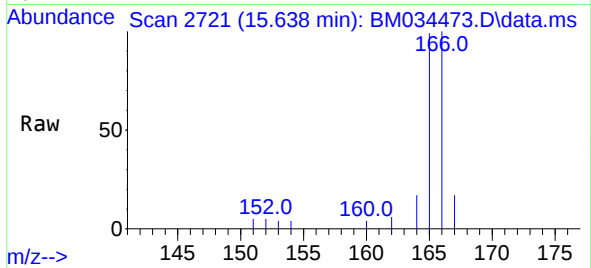
Tgt Ion:153 Resp: 4196
Ion Ratio Lower Upper
153 100
152 51.2 42.4 63.6
154 86.6 66.2 99.2





#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.638 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

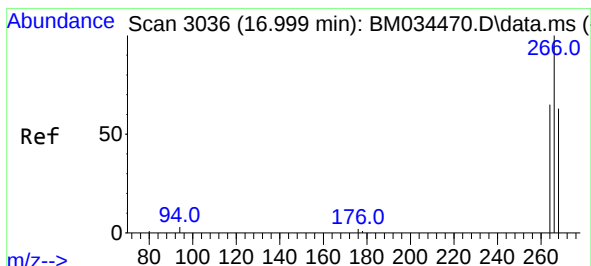
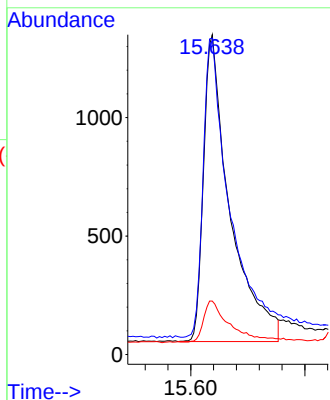
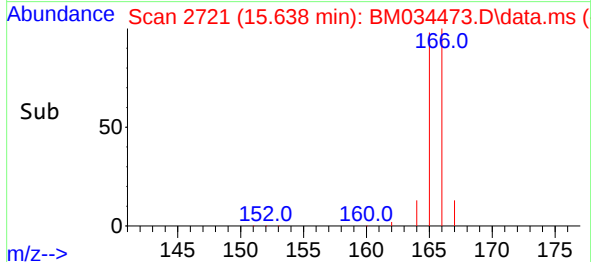
Instrument :
BNA_M
ClientSampleId :
SLCS578



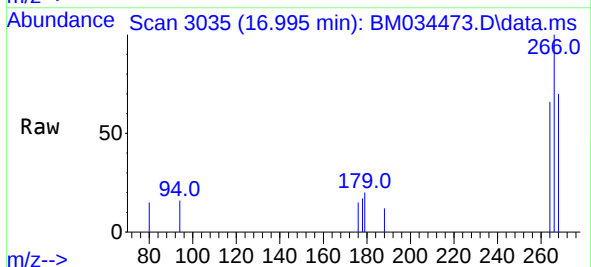
Tgt Ion:166 Resp: 415
Ion Ratio Lower Upper
166 100
165 99.0 81.1 121.7
167 16.7 14.9 22.3

Manual Integrations
APPROVED

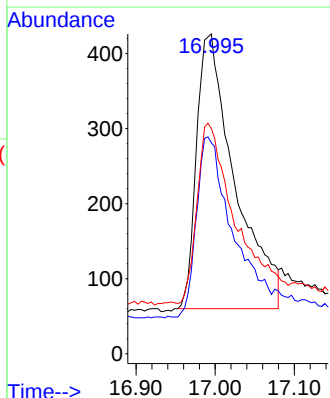
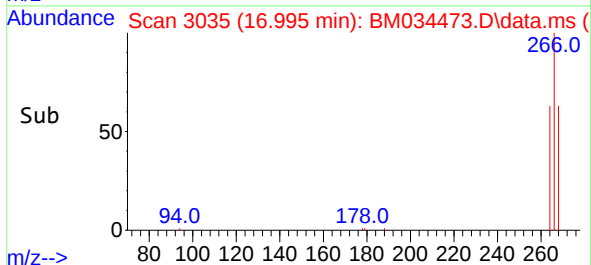
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

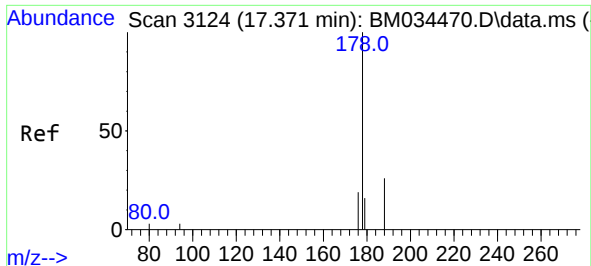


#14
Pentachlorophenol
Concen: 0.636 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.004 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49



Tgt Ion:266 Resp: 1231
Ion Ratio Lower Upper
266 100
264 64.4 51.4 77.0
268 65.7 53.1 79.7





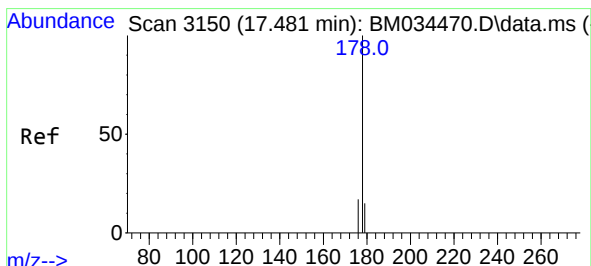
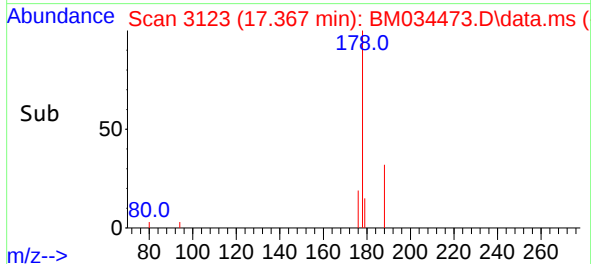
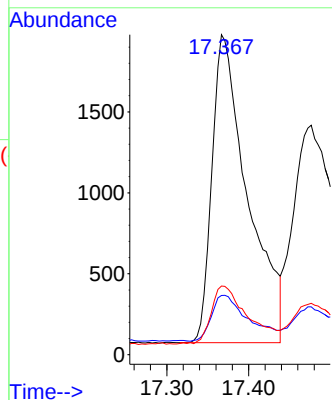
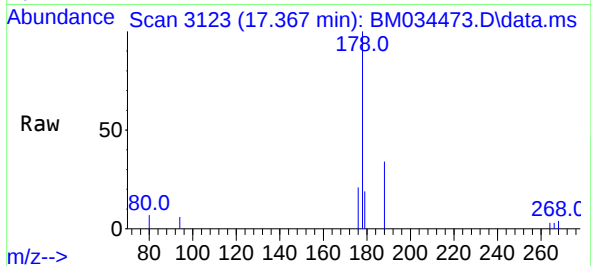
#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.367 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS578

Tgt Ion:178 Resp: 5749
Ion Ratio Lower Upper
178 100
179 18.5 15.0 22.6
176 21.4 17.9 26.9

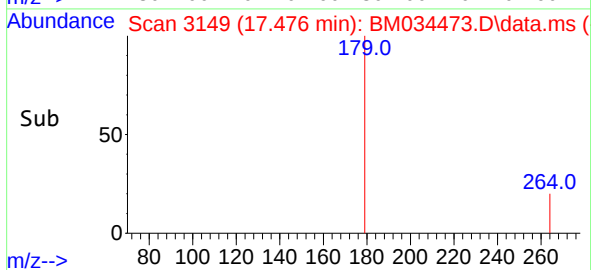
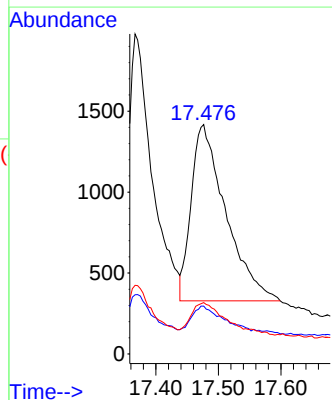
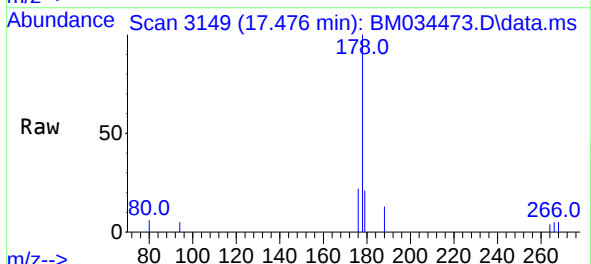
Manual Integrations
APPROVED

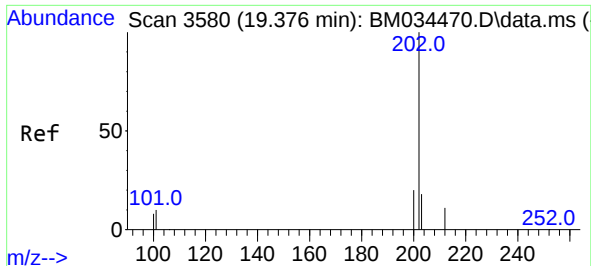
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. 0.017 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

Tgt Ion:178 Resp: 4186
Ion Ratio Lower Upper
178 100
179 20.9 16.5 24.7
176 22.4 18.3 27.5





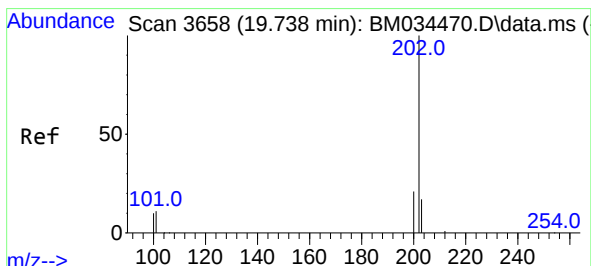
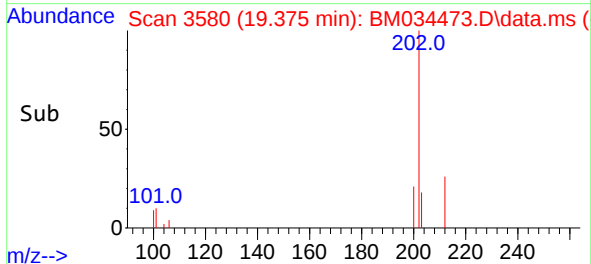
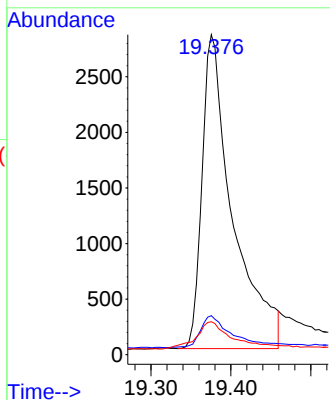
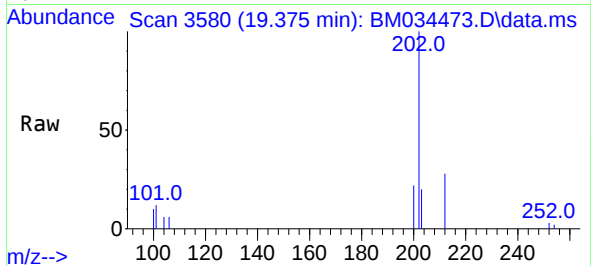
#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.375 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS578

Tgt Ion:202 Resp: 7510
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 10.3 7.2 10.8

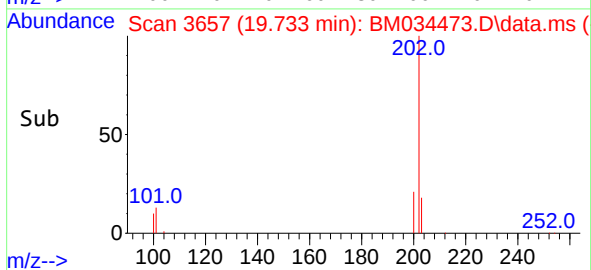
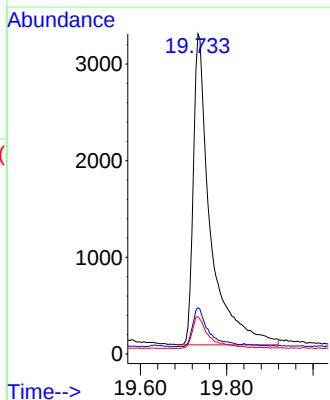
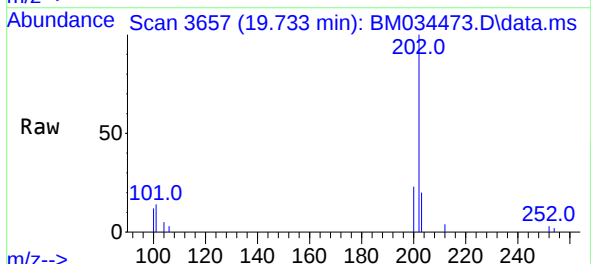
Manual Integrations
APPROVED

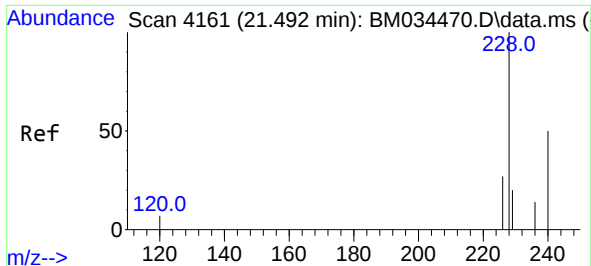
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.733 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

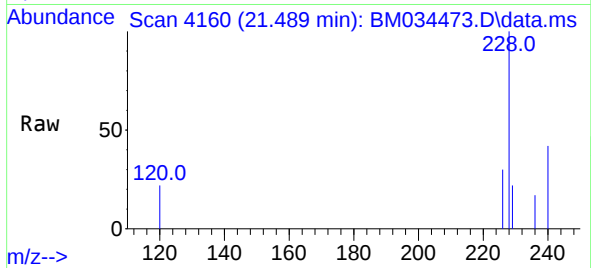
Tgt Ion:202 Resp: 8844
Ion Ratio Lower Upper
202 100
101 14.5 9.3 13.9#
100 11.7 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.293 ng/u1
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

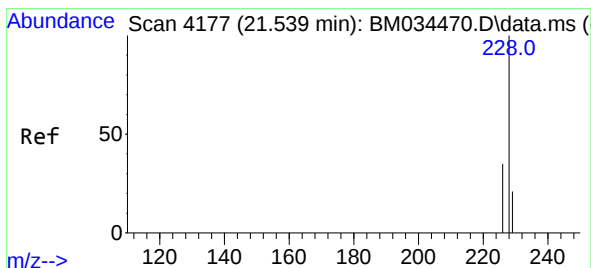
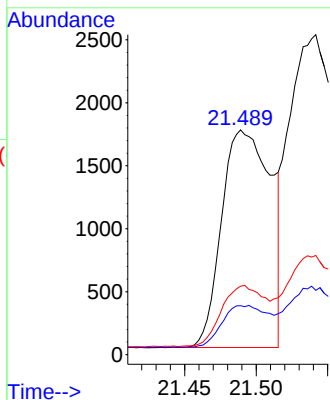
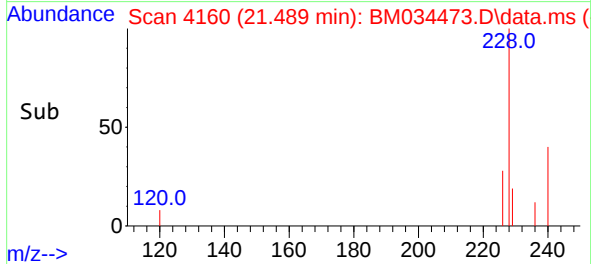
Instrument :
BNA_M
ClientSampleId :
SLCS578



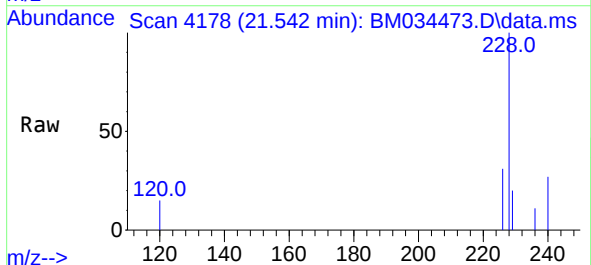
Tgt Ion:228 Resp: 4135
Ion Ratio Lower Upper
228 100
229 21.8 17.3 25.9
226 30.5 23.2 34.8

Manual Integrations
APPROVED

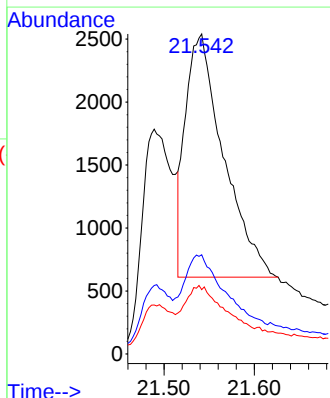
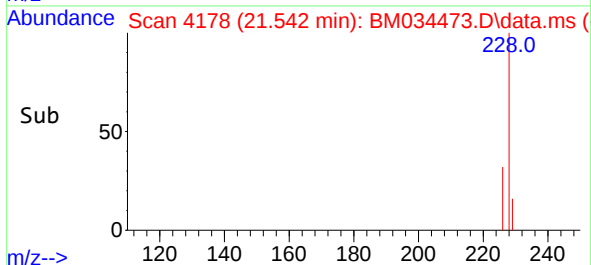
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

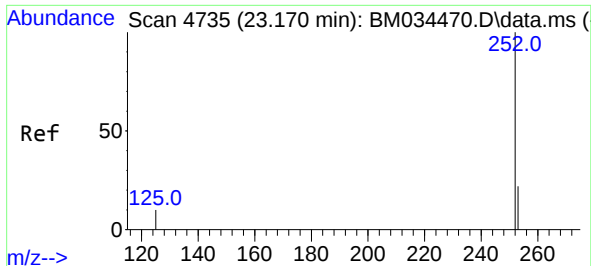


#22
Chrysene
Concen: 0.350 ng/u1
RT: 21.542 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49



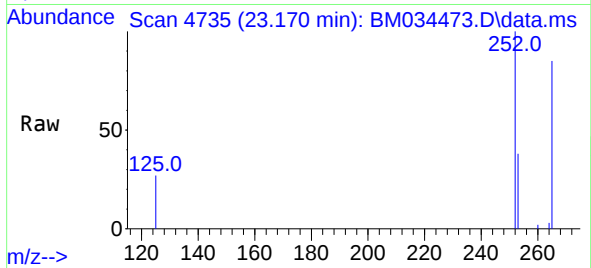
Tgt Ion:228 Resp: 5647
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 20.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

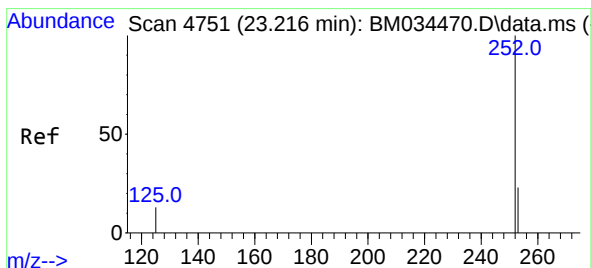
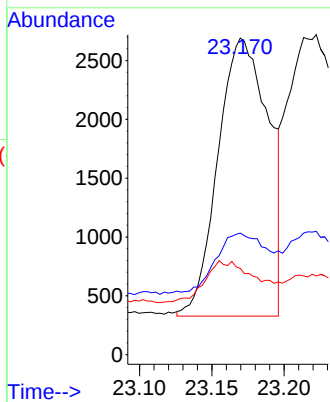
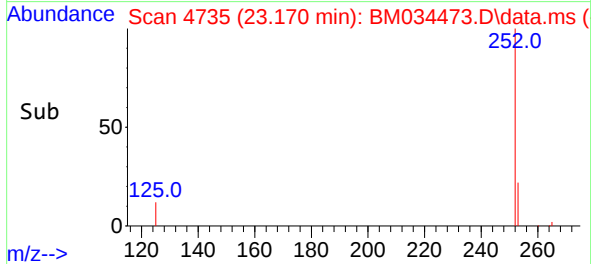
Instrument :
BNA_M
ClientSampleId :
SLCS578



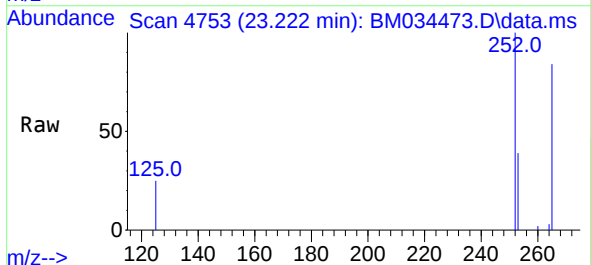
Tgt Ion:252 Resp: 576
Ion Ratio Lower Upper
252 100
253 38.4 0.0 64.2
125 27.2 0.0 28.8

Manual Integrations
APPROVED

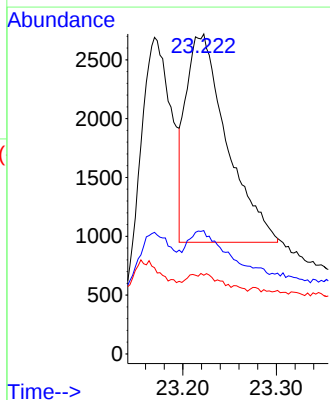
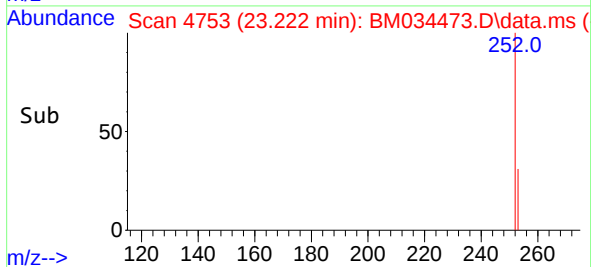
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

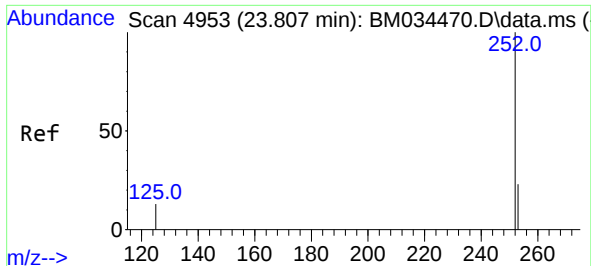


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 23.222 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49



Tgt Ion:252 Resp: 5368
Ion Ratio Lower Upper
252 100
253 38.6 26.8 40.2
125 24.6 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.804 min Scan# 4953
Delta R.T. -0.003 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

Instrument :

BNA_M

ClientSampleId :

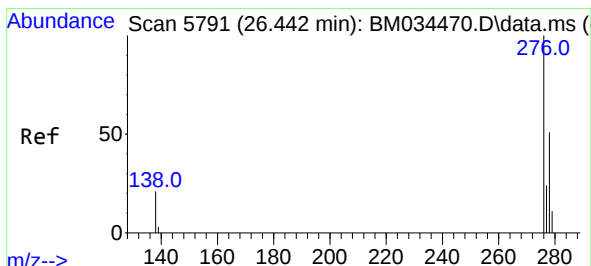
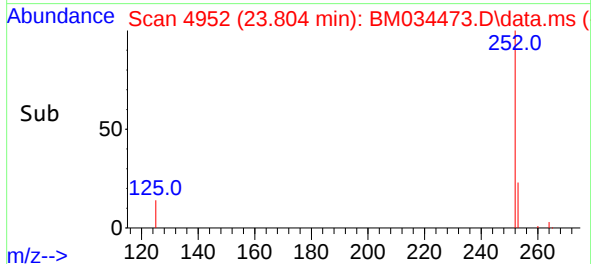
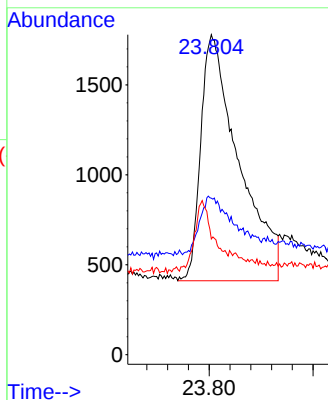
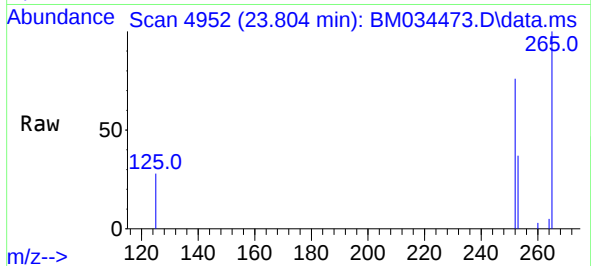
SLCS578

Tgt Ion:252 Resp: 6960
Ion Ratio Lower Upper
252 100
253 48.9 32.0 48.0
125 36.1 14.5 21.7

Manual Integrations

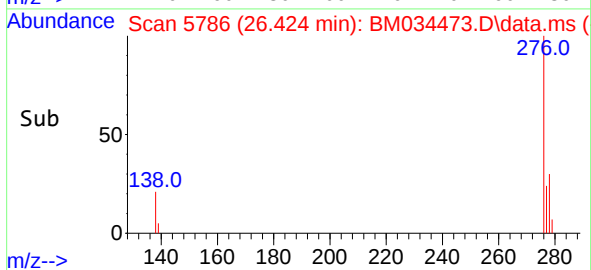
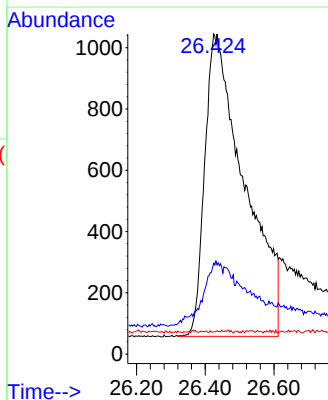
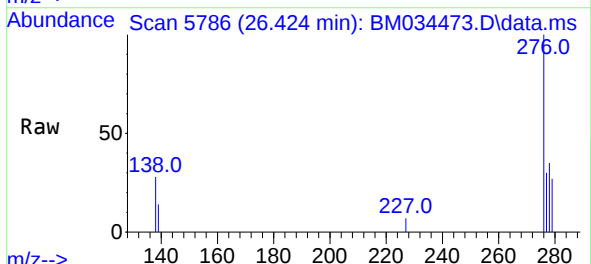
APPROVED

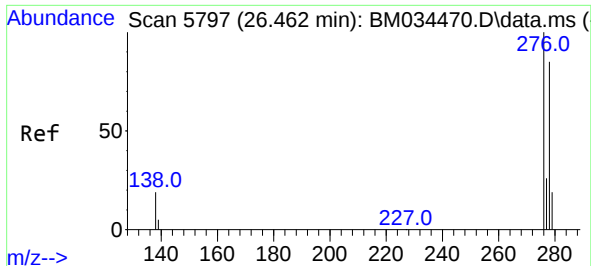
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.010 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

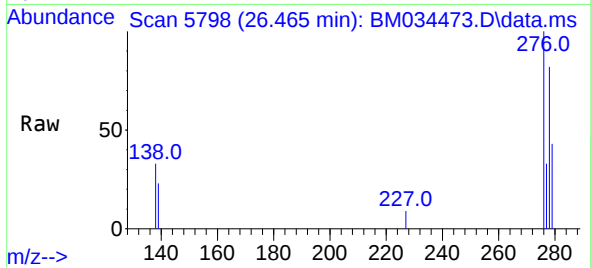
Tgt Ion:276 Resp: 7918
Ion Ratio Lower Upper
276 100
138 18.0 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.465 min Scan# 5797
Delta R.T. 0.007 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49

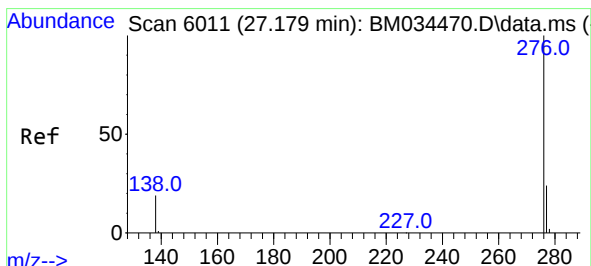
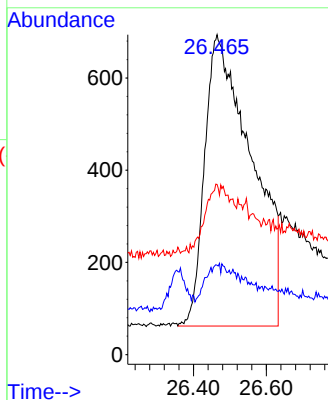
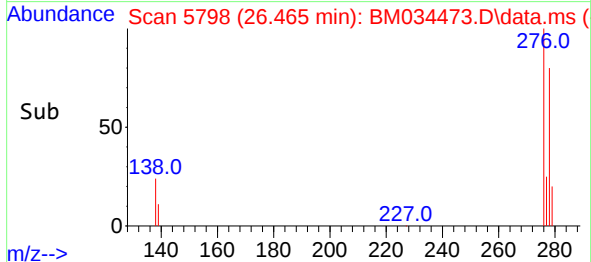
Instrument :
BNA_M
ClientSampleId :
SLCS578



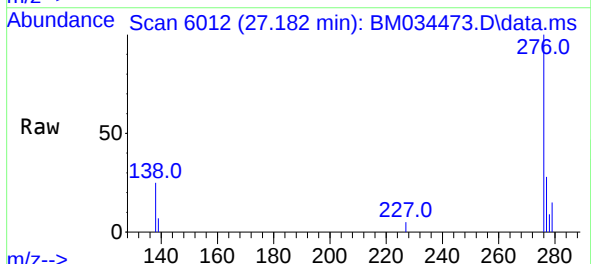
Tgt Ion:278 Resp: 564
Ion Ratio Lower Upper
278 100
139 28.0 18.0 27.0
279 53.2 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.182 min Scan# 6012
Delta R.T. -0.023 min
Lab File: BM034473.D
Acq: 31 Mar 2022 11:49



Tgt Ion:276 Resp: 8704
Ion Ratio Lower Upper
276 100
138 25.1 17.4 26.0
277 28.1 22.6 33.8

