

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034469.D
 Acq On : 31 Mar 2022 08:48
 Operator : CG/JU
 Sample : PB143668BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS668

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 09:34:20 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	7.954	152	1914	0.400	ng/ul	0.02
4) Naphthalene-d8	10.757	136	6297	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	2748	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	4386	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	3967	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	4428	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2459	0.864	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2832	0.334	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	5308	0.429	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	7238	2.302	ng/ul#	81
5) Naphthalene	10.807	128	6092	0.334	ng/ul	93
7) 2-Methylnaphthalene	12.434	142	3310	0.297	ng/ul	96
8) 1-Methylnaphthalene	12.632	142	3404	0.306	ng/ul	99
10) Acenaphthylene	14.301	152	5621	0.425	ng/ul	94
11) Acenaphthene	14.634	153	4028	0.400	ng/ul	97
12) Fluorene	15.633	166	4015	0.374	ng/ul	97
14) Pentachlorophenol	16.995	266	1083	0.613	ng/ul	97
15) Phenanthrene	17.371	178	5328	0.380	ng/ul	99
16) Anthracene	17.481	178	3744	0.304	ng/ul	99
19) Fluoranthene	19.380	202	6805	0.380	ng/ul#	95
20) Pyrene	19.738	202	8046	0.407	ng/ul#	94
21) Benzo(a)anthracene	21.495	228	3700	0.298	ng/ul	98
22) Chrysene	21.542	228	5237	0.369	ng/ul	97
24) Benzo(b)fluoranthene	23.173	252	4961m	0.324	ng/ul	
25) Benzo(k)fluoranthene	23.222	252	5106m	0.344	ng/ul	
26) Benzo(a)pyrene	23.807	252	6321	0.398	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.434	276	7393	0.357	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.471	278	5362	0.346	ng/ul#	74
29) Benzo(g,h,i)perylene	27.186	276	8230	0.412	ng/ul	97

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

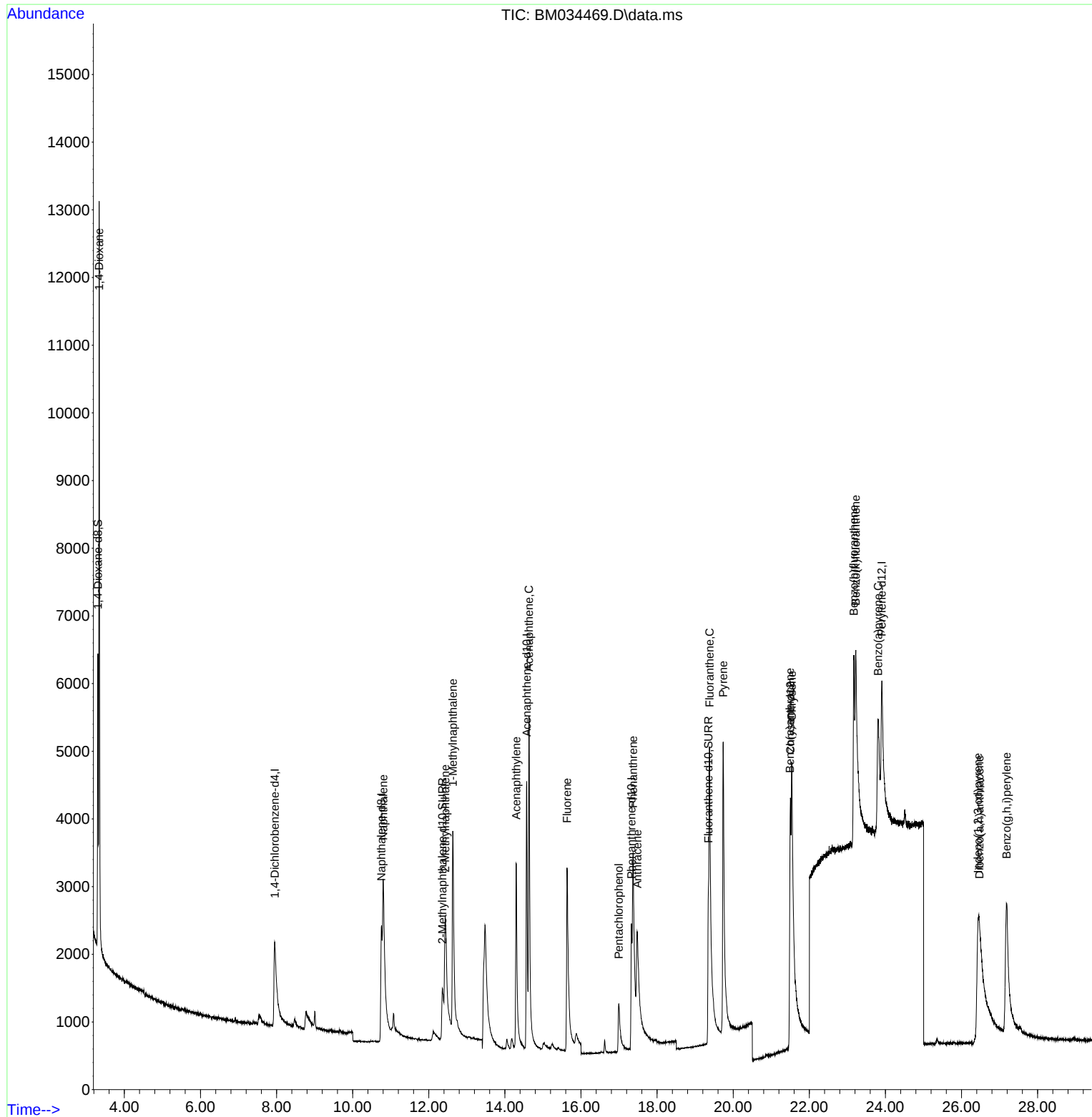
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034469.D
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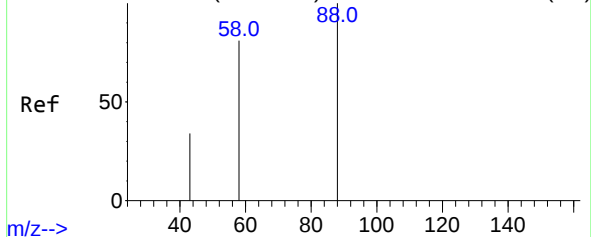
Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
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Abundance Scan 37 (3.338 min): BM034453.D\data.ms (-32)



#2

1,4-Dioxane

Concen: 2.302 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM034469.D

Acq: 31 Mar 2022 08:48

Instrument :

BNA_M

ClientSampleId :

SLCS668

Tgt Ion: 88 Resp: 7238

Ion Ratio Lower Upper

88 100

43 35.4 49.7 74.5

58 69.6 52.5 78.7

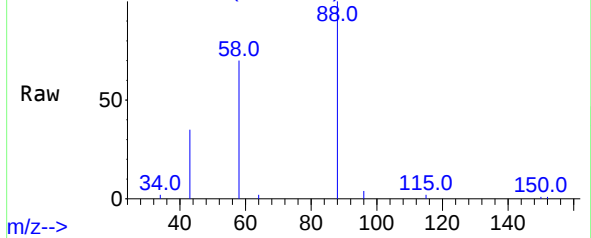
Manual Integrations

APPROVED

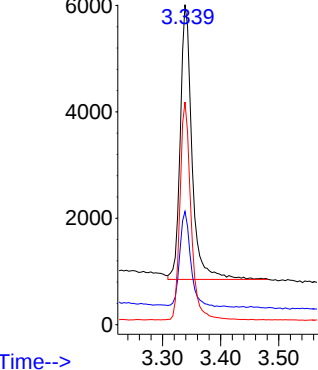
Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022

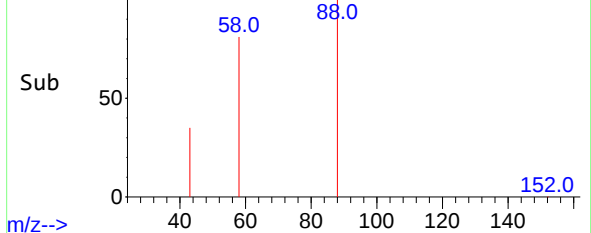
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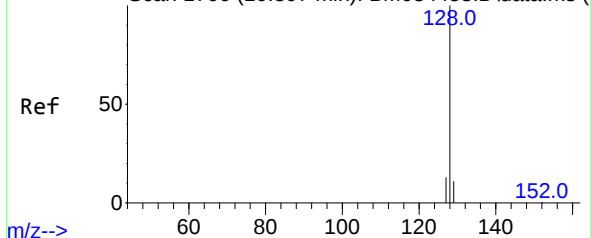
Abundance



Abundance Scan 37 (3.339 min): BM034469.D\data.ms (-26)



Abundance Scan 1766 (10.807 min): BM034453.D\data.ms (-)



#5

Naphthalene

Concen: 0.334 ng/ul

RT: 10.807 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM034469.D

Acq: 31 Mar 2022 08:48

Tgt Ion:128 Resp: 6092

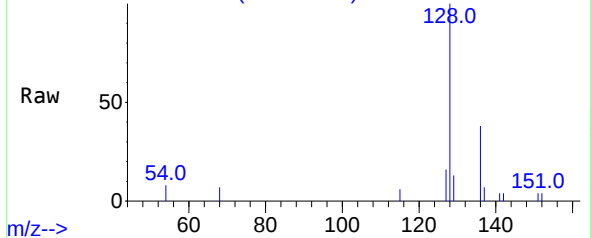
Ion Ratio Lower Upper

128 100

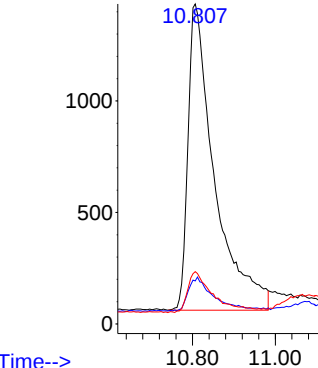
129 13.4 13.4 20.2

127 16.4 15.2 22.8

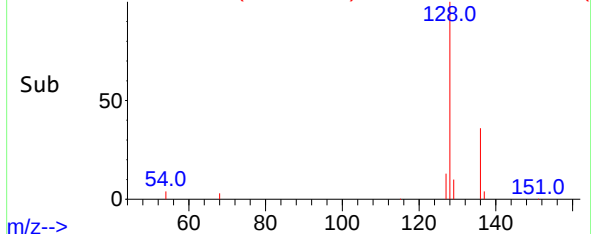
Abundance Scan 1766 (10.807 min): BM034469.D\data.ms

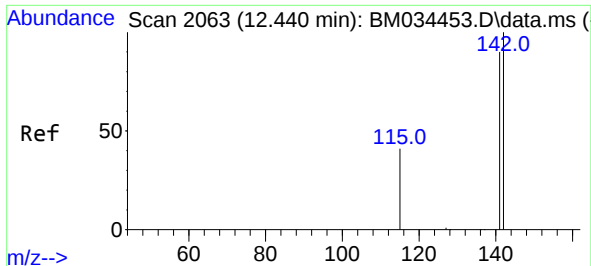


Abundance



Abundance Scan 1766 (10.807 min): BM034469.D\data.ms (-)





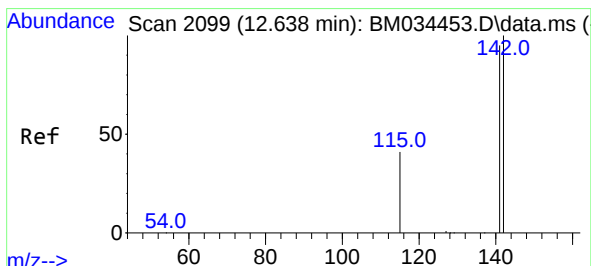
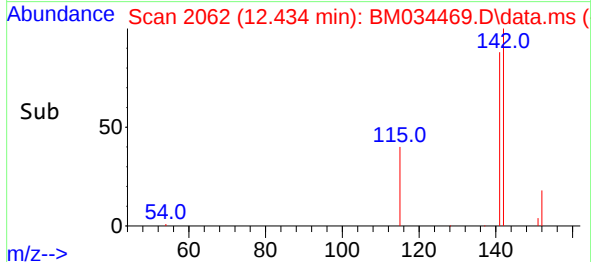
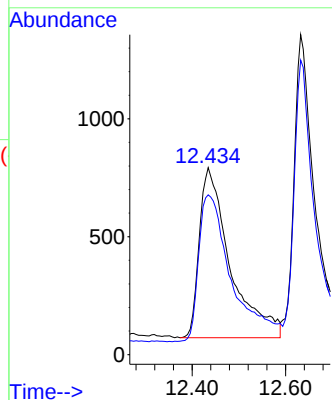
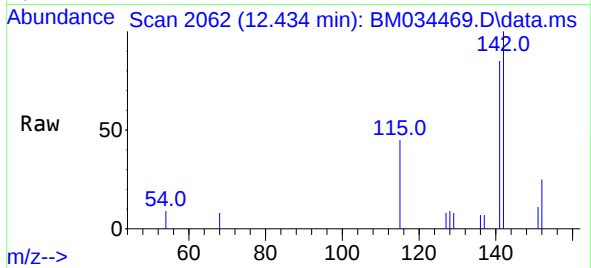
#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.434 min Scan# 2063
Delta R.T. 0.017 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

Instrument :
BNA_M
ClientSampleId :
SLCS668

Tgt Ion:142 Resp: 3310
Ion Ratio Lower Upper
142 100
141 93.7 71.8 107.6

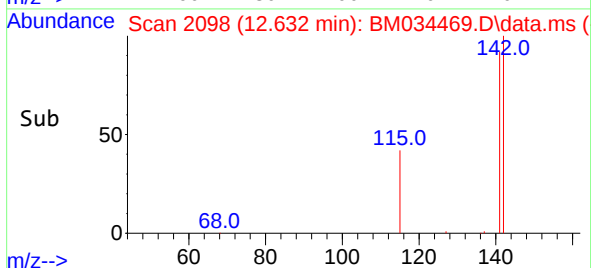
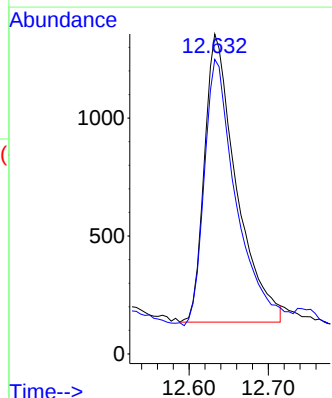
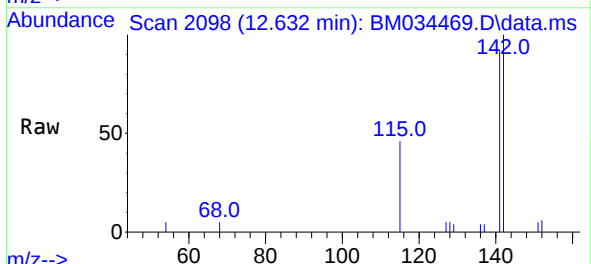
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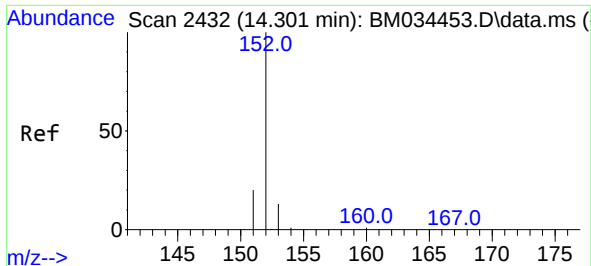
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

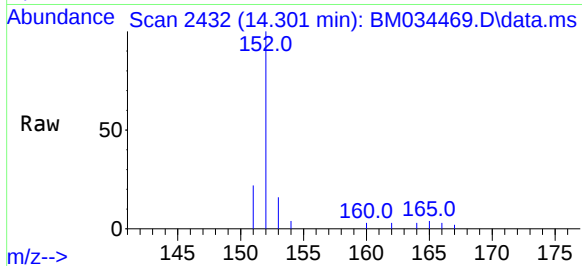
Tgt Ion:142 Resp: 3404
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4





#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

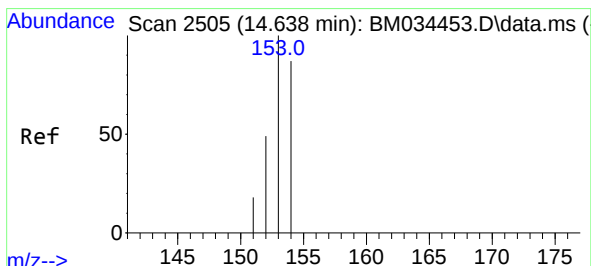
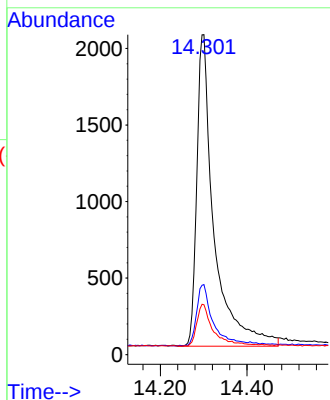
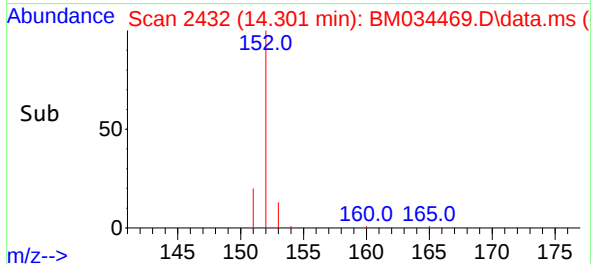
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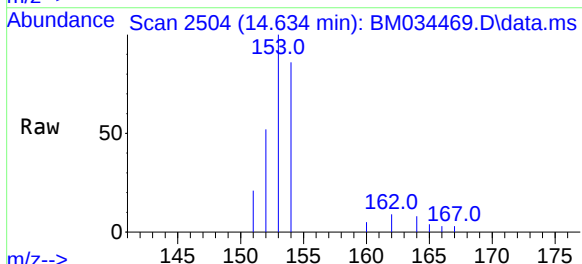
Tgt Ion:152 Resp: 562
Ion Ratio Lower Upper
152 100
151 21.9 19.9 29.9
153 15.6 15.0 22.4

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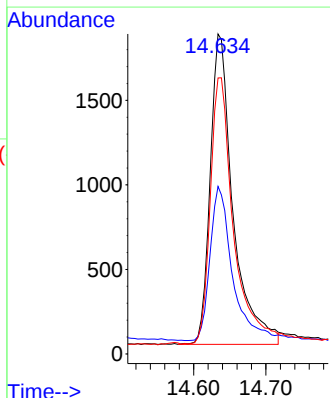
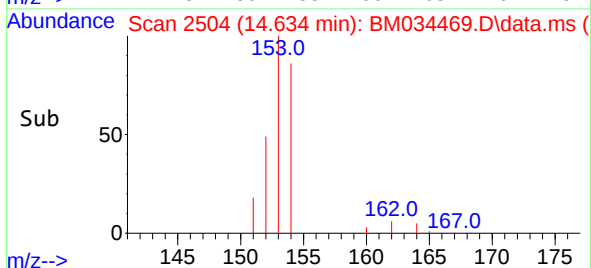
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

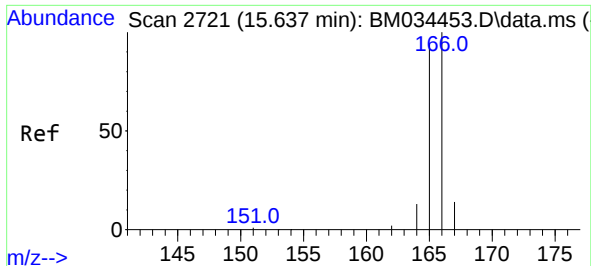


#11
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48



Tgt Ion:153 Resp: 4028
Ion Ratio Lower Upper
153 100
152 52.4 42.4 63.6
154 86.3 66.2 99.2





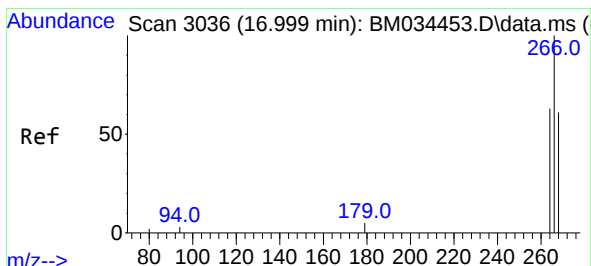
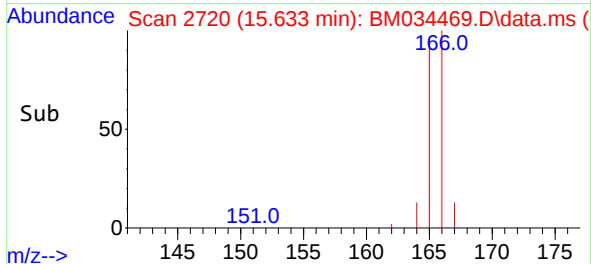
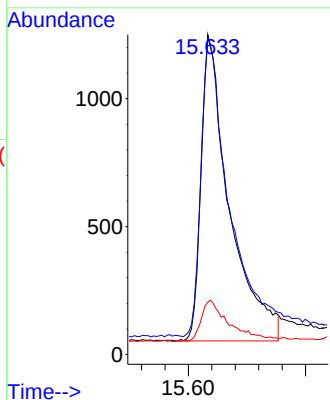
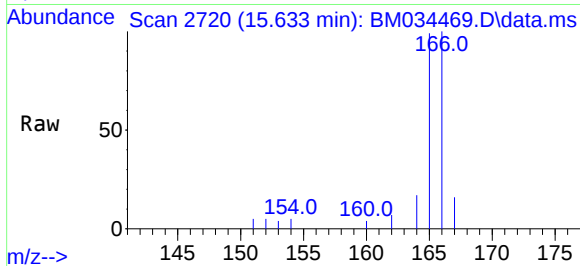
#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.633 min Scan# 2721
Delta R.T. 0.005 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

Instrument :
BNA_M
ClientSampleId :
SLCS668

Tgt Ion:166 Resp: 401
Ion Ratio Lower Upper
166 100
165 98.7 81.1 121.7
167 16.3 14.9 22.3

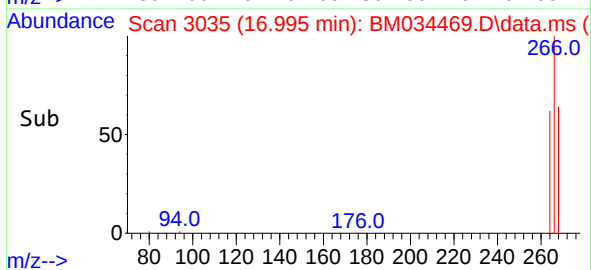
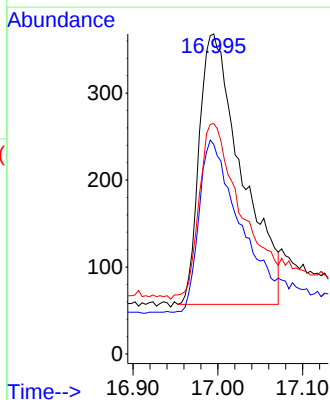
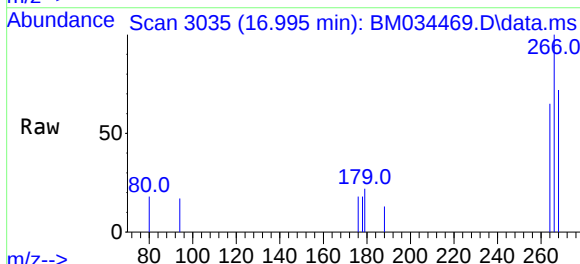
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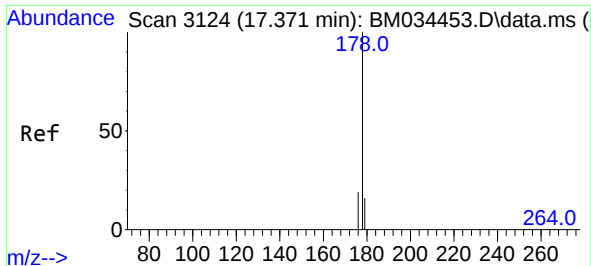
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#14
Pentachlorophenol
Concen: 0.613 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.004 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

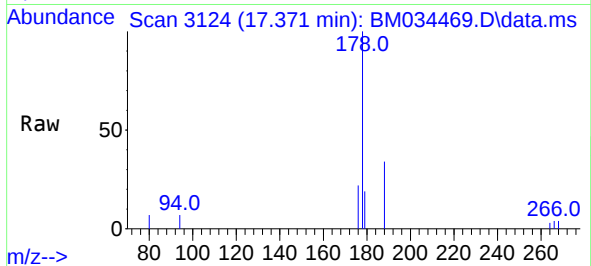
Tgt Ion:266 Resp: 1083
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 62.0 53.1 79.7





#15
Phenanthrene
Concen: 0.380 ng/u1
RT: 17.371 min Scan# 3124
Delta R.T. 0.004 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

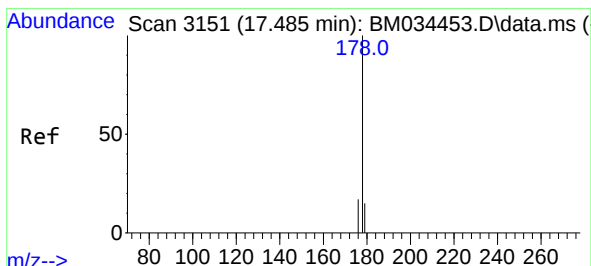
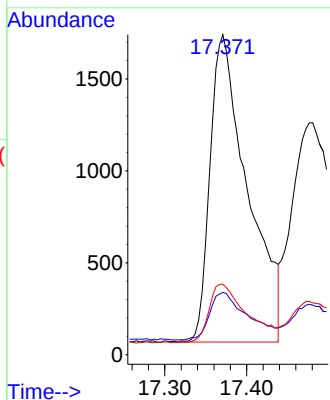
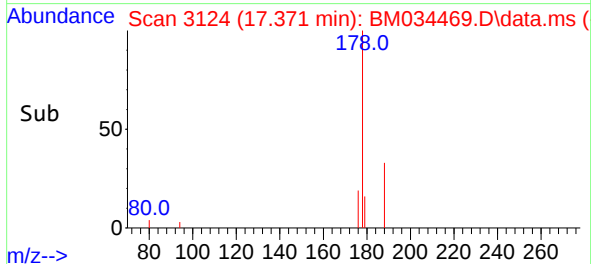
Instrument :
BNA_M
ClientSampleId :
SLCS668



Tgt Ion:178 Resp: 5328
Ion Ratio Lower Upper
178 100
179 19.5 15.0 22.6
176 22.1 17.9 26.9

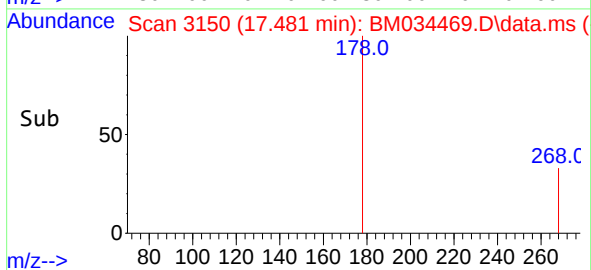
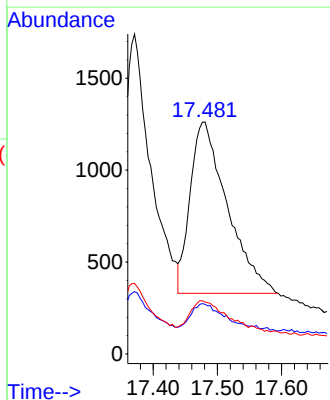
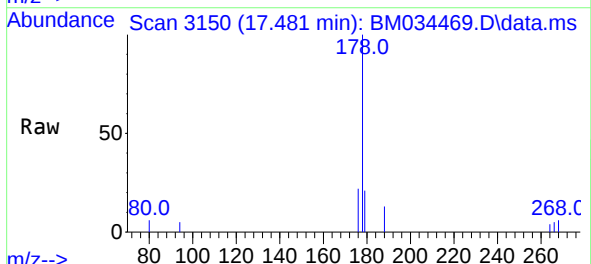
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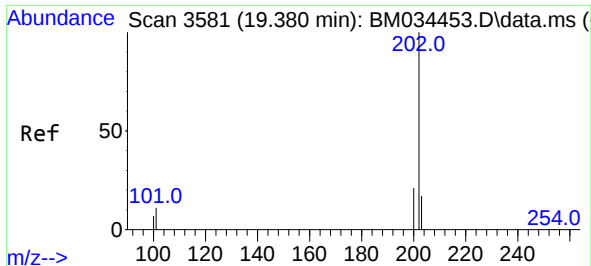
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.304 ng/u1
RT: 17.481 min Scan# 3150
Delta R.T. 0.021 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

Tgt Ion:178 Resp: 3744
Ion Ratio Lower Upper
178 100
179 21.4 16.5 24.7
176 22.3 18.3 27.5





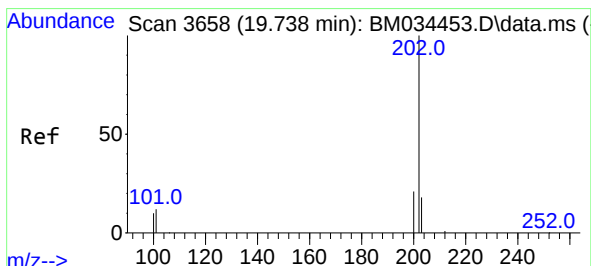
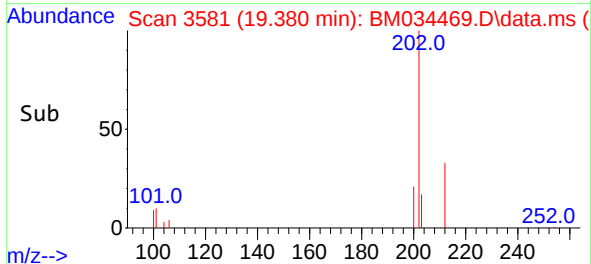
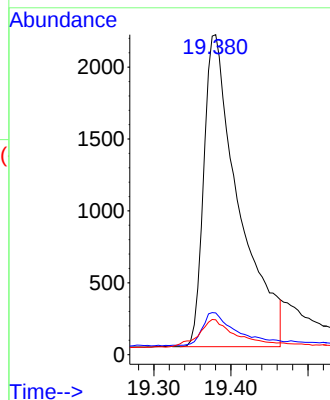
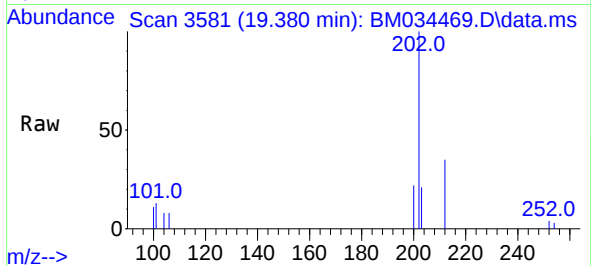
#19
Fluoranthene
Concen: 0.380 ng/u1
RT: 19.380 min Scan# 3581
Delta R.T. 0.005 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

Instrument :
BNA_M
ClientSampleId :
SLCS668

Tgt Ion:202 Resp: 680
Ion Ratio Lower Upper
202 100
101 13.0 9.2 13.8
100 10.9 7.2 10.8

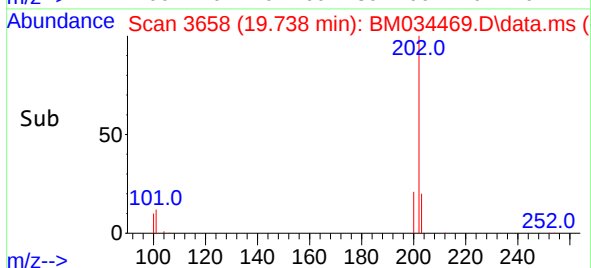
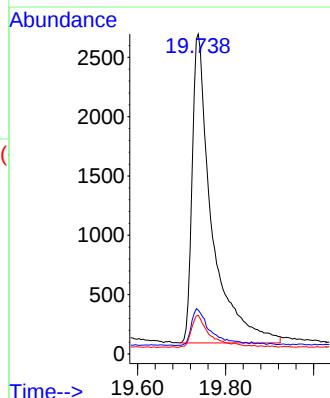
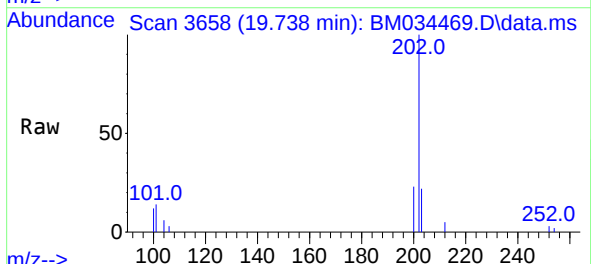
Manual Integrations
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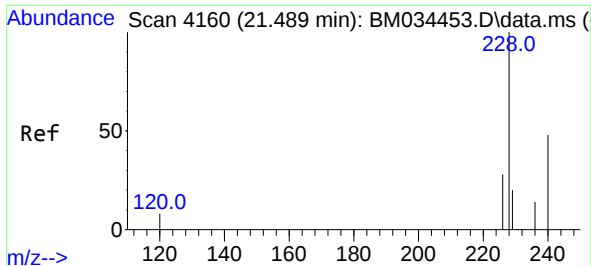
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.407 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

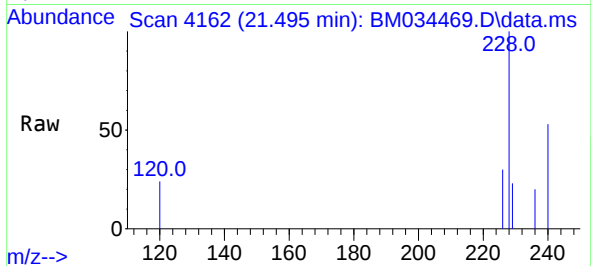
Tgt Ion:202 Resp: 8046
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 12.1 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.495 min Scan# 4160
Delta R.T. 0.009 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

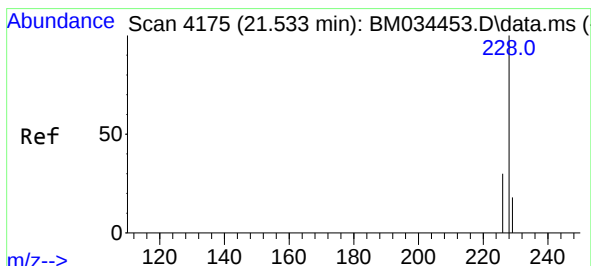
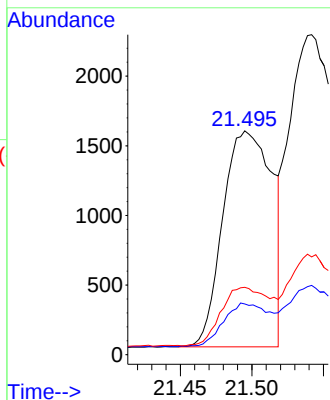
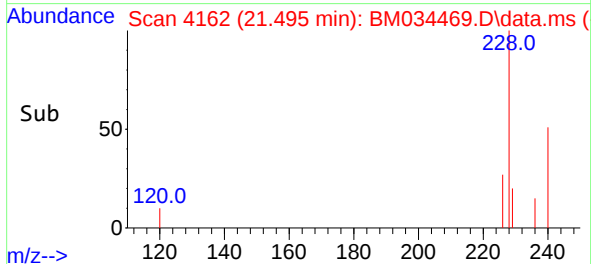
Instrument :
BNA_M
ClientSampleId :
SLCS668



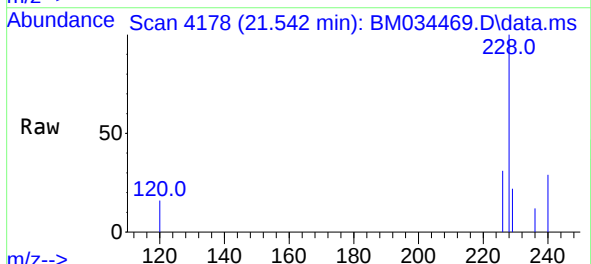
Tgt Ion:228 Resp: 3700
Ion Ratio Lower Upper
228 100
229 22.7 17.3 25.9
226 30.1 23.2 34.8

Manual Integrations
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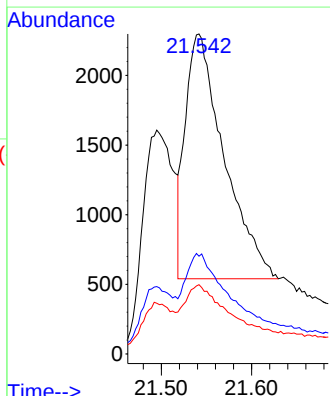
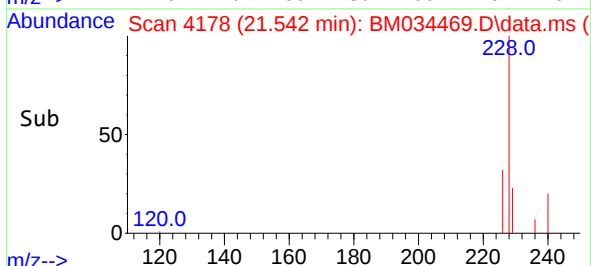
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

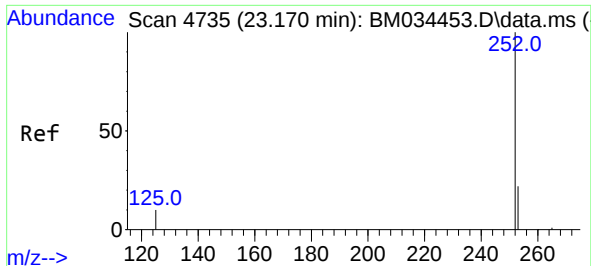


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.542 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48



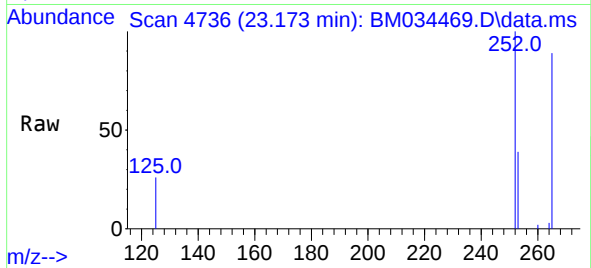
Tgt Ion:228 Resp: 5237
Ion Ratio Lower Upper
228 100
226 30.5 25.8 38.8
229 21.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul m
RT: 23.173 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

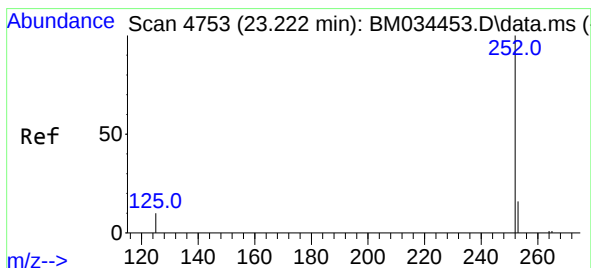
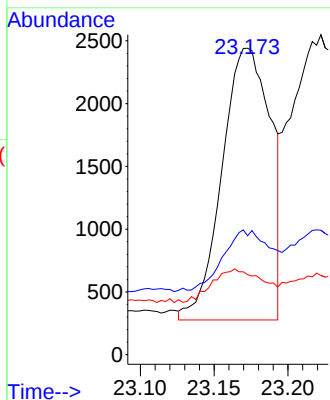
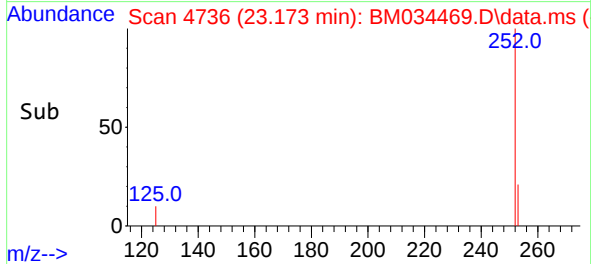
Instrument :
BNA_M
ClientSampleId :
SLCS668



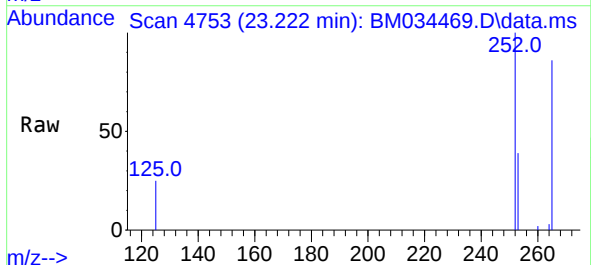
Tgt Ion:252 Resp: 496
Ion Ratio Lower Upper
252 100
253 38.8 0.0 64.2
125 26.1 0.0 28.8

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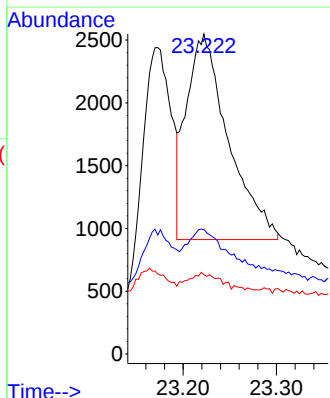
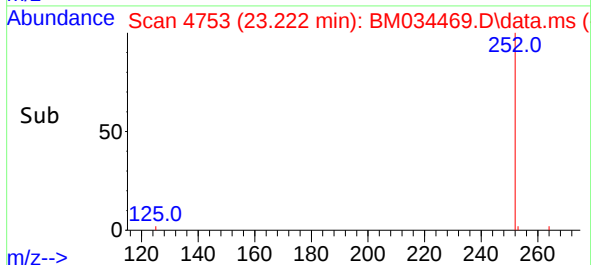
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

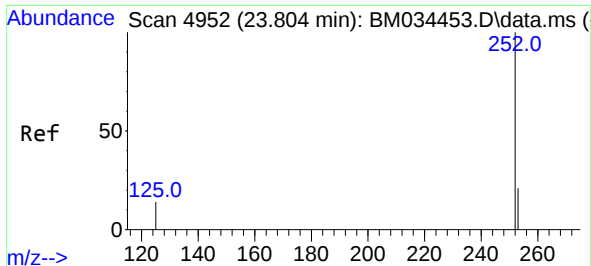


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 23.222 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48



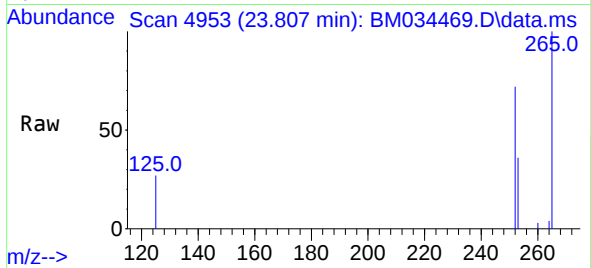
Tgt Ion:252 Resp: 5106
Ion Ratio Lower Upper
252 100
253 38.9 26.8 40.2
125 24.8 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.807 min Scan# 4952
Delta R.T. 0.000 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

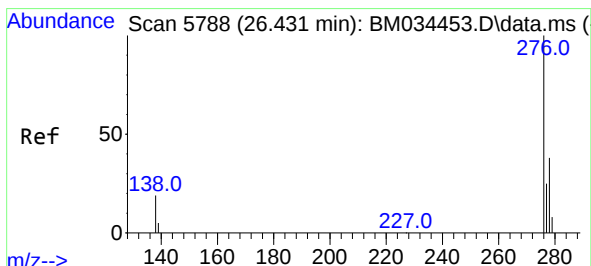
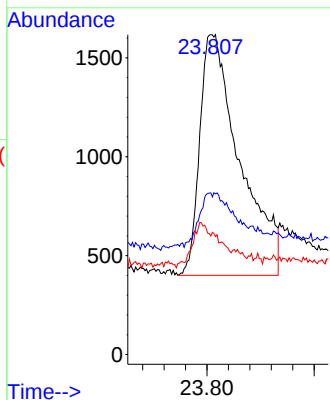
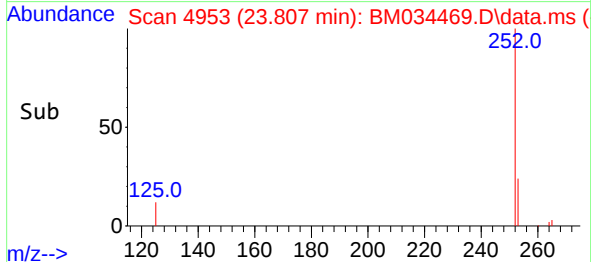
Instrument :
BNA_M
ClientSampleId :
SLCS668



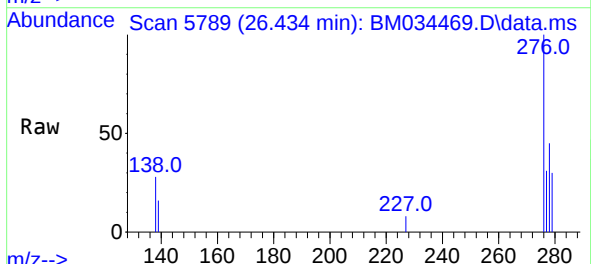
Tgt Ion:252 Resp: 632
Ion Ratio Lower Upper
252 100
253 50.5 32.0 48.0
125 37.1 14.5 21.7

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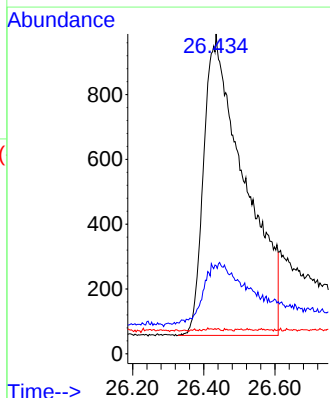
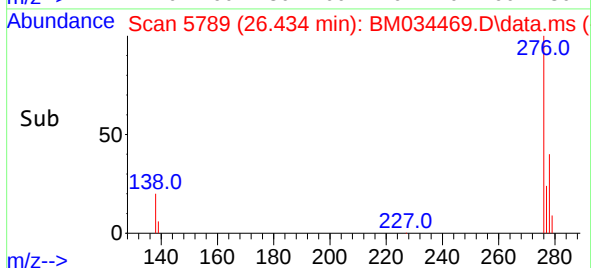
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

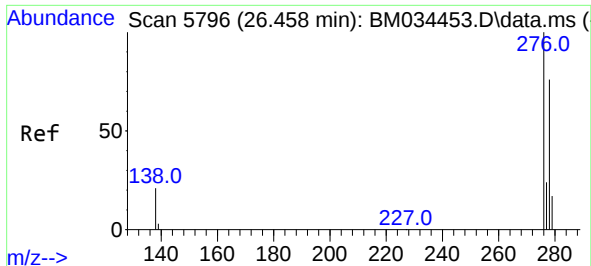


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.434 min Scan# 5789
Delta R.T. 0.000 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48



Tgt Ion:276 Resp: 7393
Ion Ratio Lower Upper
276 100
138 21.7 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.471 min Scan# 5800
Delta R.T. 0.013 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

Instrument :

BNA_M

ClientSampleId :

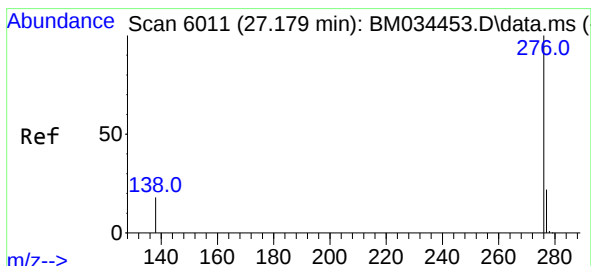
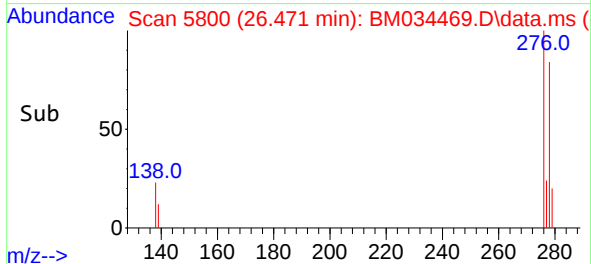
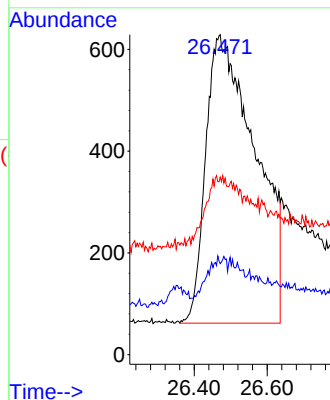
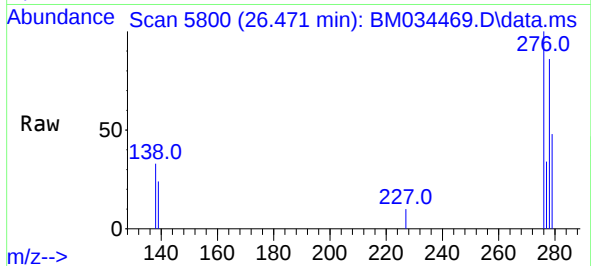
SLCS668

Tgt Ion:278 Resp: 536
Ion Ratio Lower Upper
278 100
139 28.5 18.0 27.0
279 55.5 28.6 42.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM034469.D
Acq: 31 Mar 2022 08:48

Tgt Ion:276 Resp: 8230
Ion Ratio Lower Upper
276 100
138 25.2 17.4 26.0
277 28.3 22.6 33.8

