

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034468.D
 Acq On : 31 Mar 2022 08:12
 Operator : CG/JU
 Sample : PB143672BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS672

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 08:45:07 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	7.950	152	1942	0.400	ng/ul	0.01
4) Naphthalene-d8	10.757	136	6384	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	2783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	4515	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	4210	0.400	ng/ul	# 0.00
23) Perylene-d12	23.907	264	4509	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2409	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2689	0.312	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	5237	0.399	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	7117	2.231	ng/ul#	81
5) Naphthalene	10.807	128	6083	0.329	ng/ul	93
7) 2-Methylnaphthalene	12.429	142	3283	0.290	ng/ul	95
8) 1-Methylnaphthalene	12.632	142	3360	0.298	ng/ul	99
10) Acenaphthylene	14.296	152	5587	0.417	ng/ul	95
11) Acenaphthene	14.634	153	4061	0.398	ng/ul	96
12) Fluorene	15.633	166	3990	0.367	ng/ul	99
14) Pentachlorophenol	16.991	266	1193	0.656	ng/ul	98
15) Phenanthrene	17.367	178	5530	0.383	ng/ul	99
16) Anthracene	17.472	178	3963	0.313	ng/ul	98
19) Fluoranthene	19.376	202	7100	0.374	ng/ul	97
20) Pyrene	19.738	202	8515	0.406	ng/ul	96
21) Benzo(a)anthracene	21.492	228	3771m	0.287	ng/ul	
22) Chrysene	21.536	228	5614	0.373	ng/ul	99
24) Benzo(b)fluoranthene	23.167	252	5142m	0.330	ng/ul	
25) Benzo(k)fluoranthene	23.217	252	5635m	0.373	ng/ul	
26) Benzo(a)pyrene	23.801	252	6621	0.410	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.428	276	7928	0.376	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.458	278	5672	0.359	ng/ul#	78
29) Benzo(g,h,i)perylene	27.179	276	8656	0.425	ng/ul	95

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

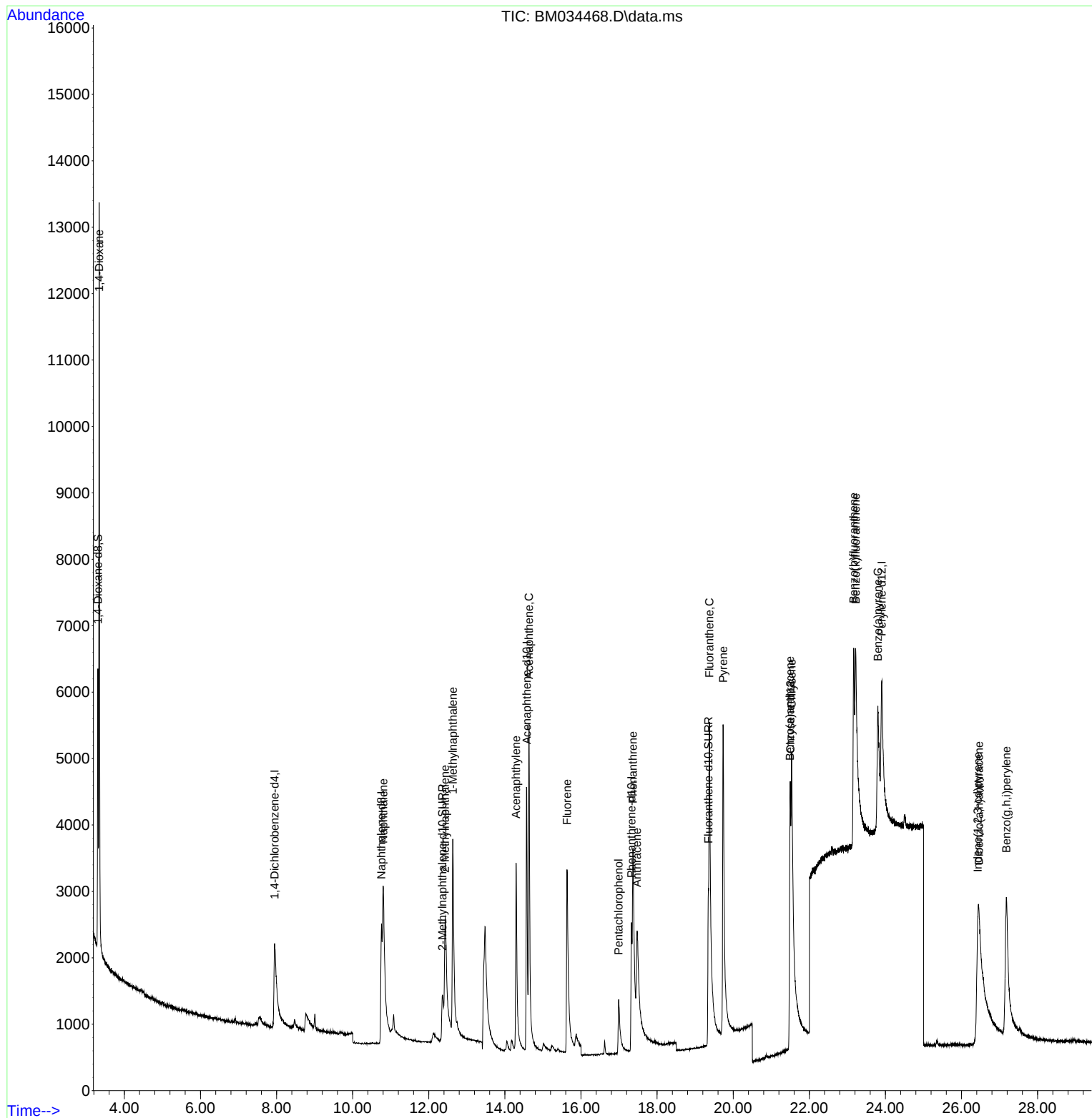
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034468.D
Acq On : 31 Mar 2022 08:12
Operator : CG/JU
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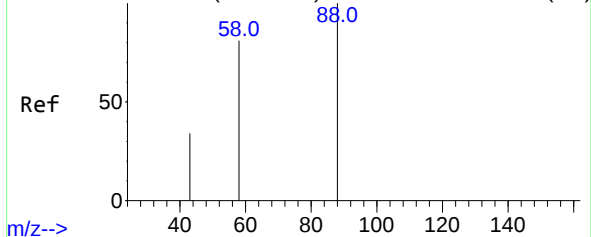
Manual Integrations
APPROVED

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

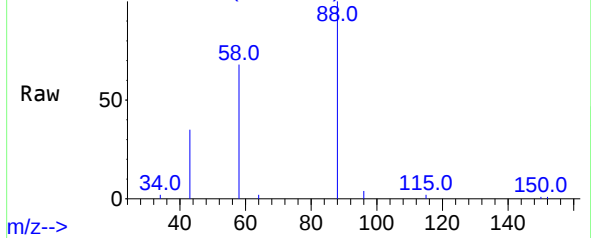
Quant Time: Mar 31 08:45:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
Response via : Initial Calibration



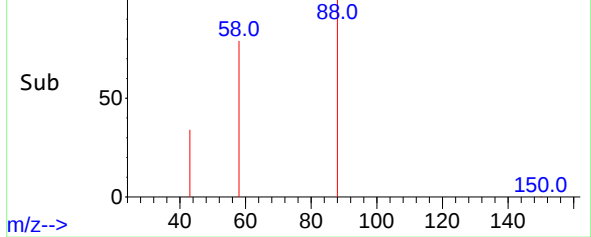
Abundance Scan 37 (3.338 min): BM034453.D\data.ms (-32)



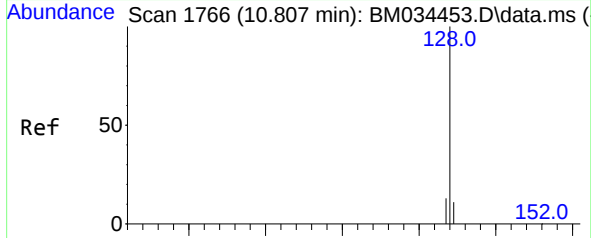
m/z--> Scan 37 (3.339 min): BM034468.D\data.ms



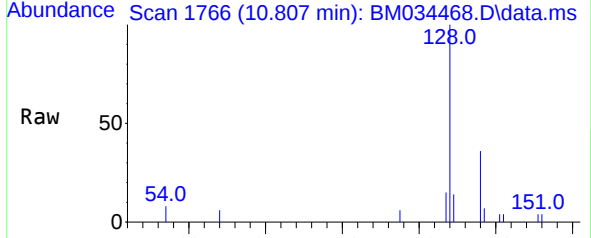
Abundance Scan 37 (3.339 min): BM034468.D\data.ms (-26)



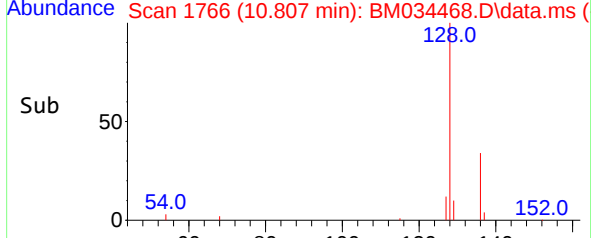
m/z--> Scan 1766 (10.807 min): BM034453.D\data.ms (-32)



m/z--> Scan 1766 (10.807 min): BM034468.D\data.ms



Abundance Scan 1766 (10.807 min): BM034468.D\data.ms (-26)



m/z--> Scan 37 (3.339 min): BM034468.D\data.ms (-26)

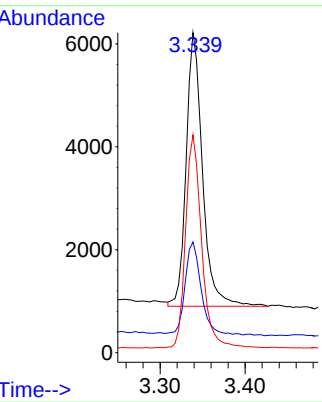
#2
1,4-Dioxane
Concen: 2.231 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

Tgt Ion: 88 Resp: 711
Ion Ratio Lower Upper
88 100
43 34.6 49.7 74.5
58 68.1 52.5 78.7

Instrument :
BNA_M
ClientSampleId :
SLCS672

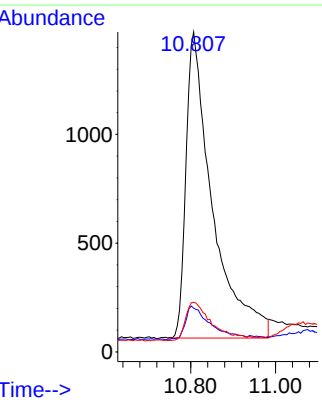
Manual Integrations
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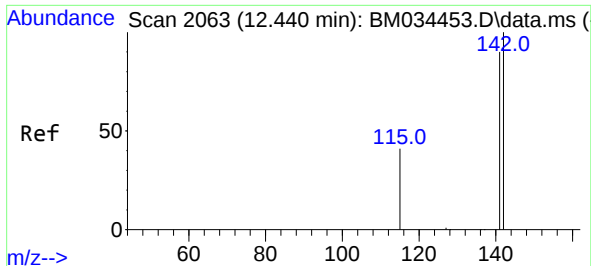
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

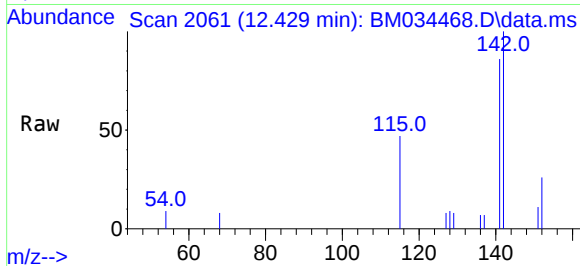
Tgt Ion:128 Resp: 6083
Ion Ratio Lower Upper
128 100
129 13.7 13.4 20.2
127 15.5 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.429 min Scan# 2061
Delta R.T. 0.011 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

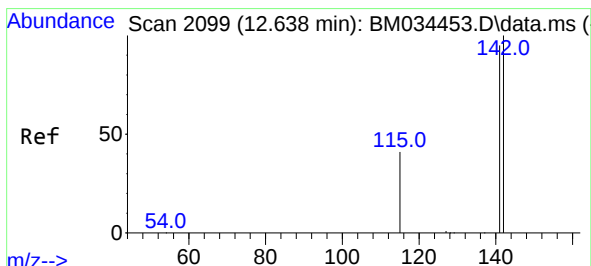
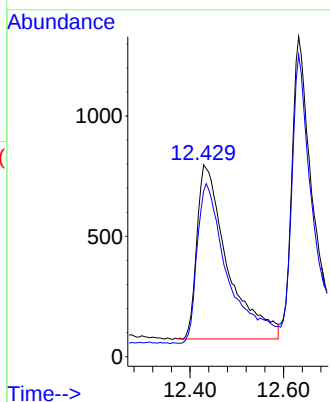
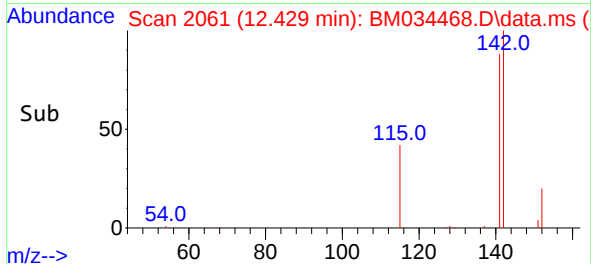
Instrument :
BNA_M
ClientSampleId :
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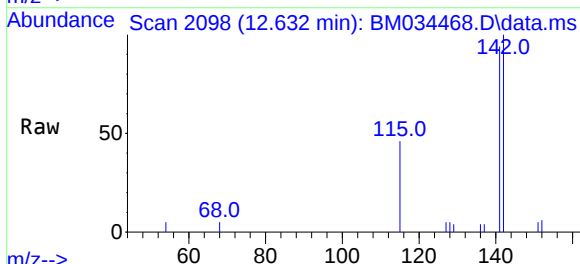
Tgt Ion:142 Resp: 328
Ion Ratio Lower Upper
142 100
141 94.2 71.8 107.6

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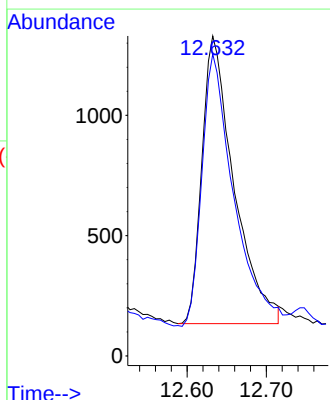
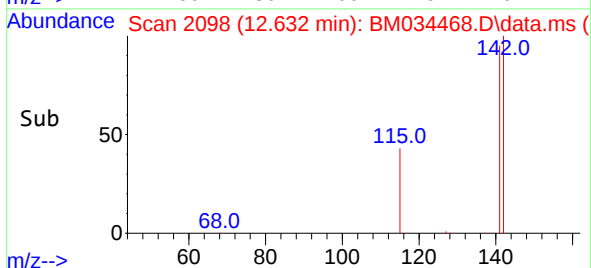
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

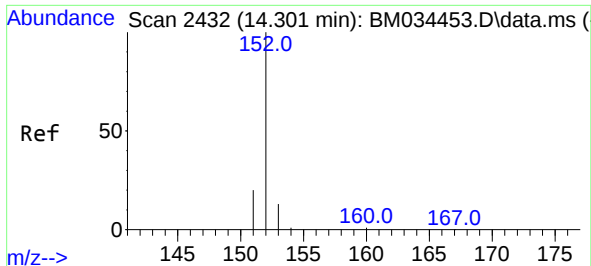


#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



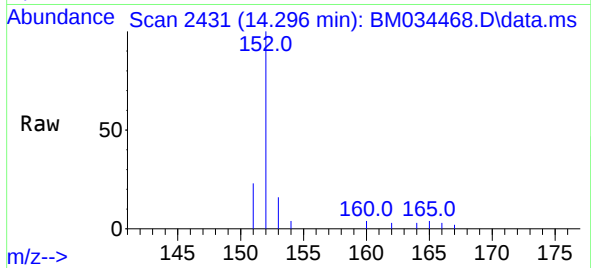
Tgt Ion:142 Resp: 3360
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4





#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.296 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

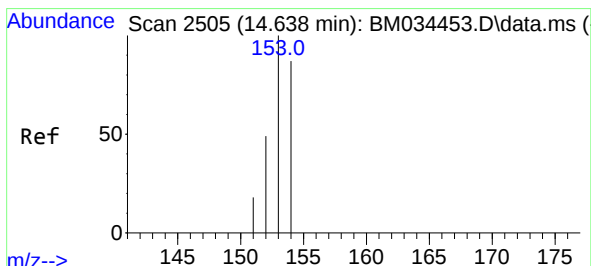
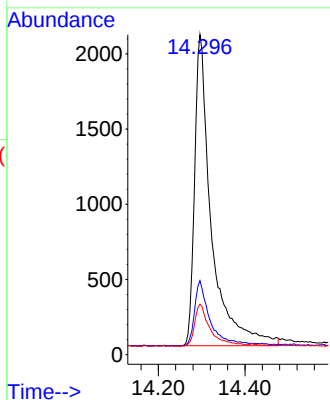
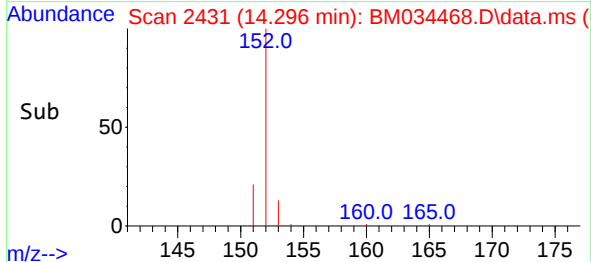
Instrument :
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ClientSampleId :
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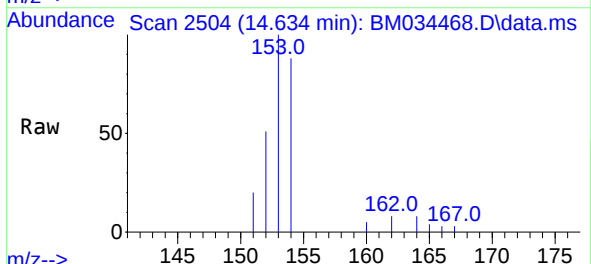
Tgt Ion:152 Resp: 558
Ion Ratio Lower Upper
152 100
151 23.2 19.9 29.9
153 15.7 15.0 22.4

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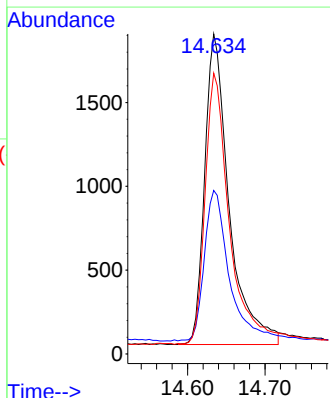
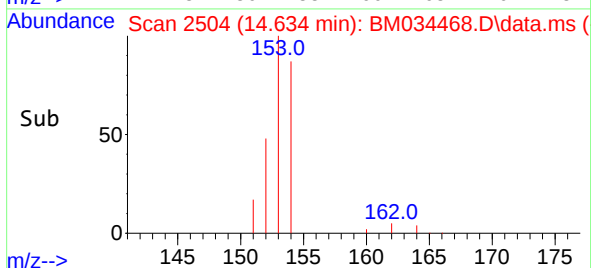
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

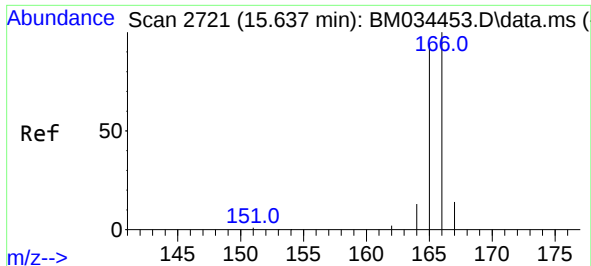


#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



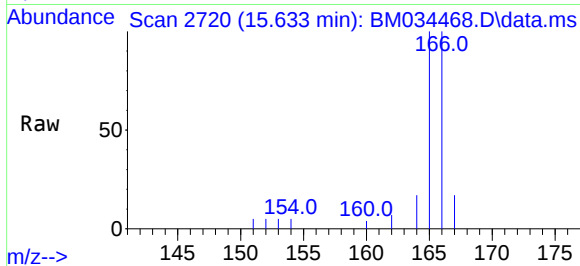
Tgt Ion:153 Resp: 4061
Ion Ratio Lower Upper
153 100
152 51.1 42.4 63.6
154 87.7 66.2 99.2





#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.633 min Scan# 2721
Delta R.T. 0.005 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

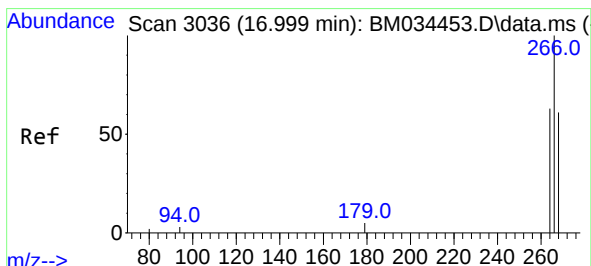
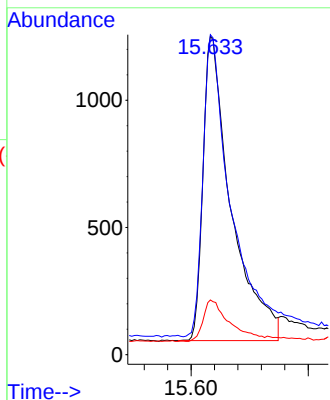
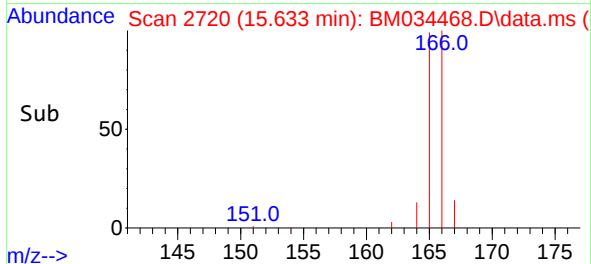
Instrument :
BNA_M
ClientSampleId :
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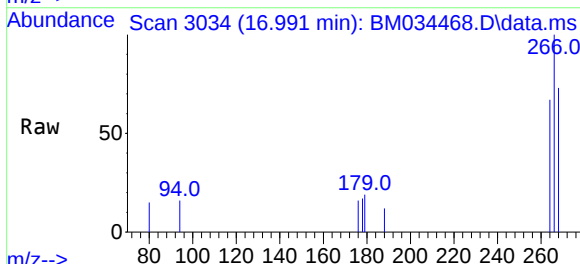
Tgt Ion:166 Resp: 3990
Ion Ratio Lower Upper
166 100
165 100.5 81.1 121.7
167 17.2 14.9 22.3

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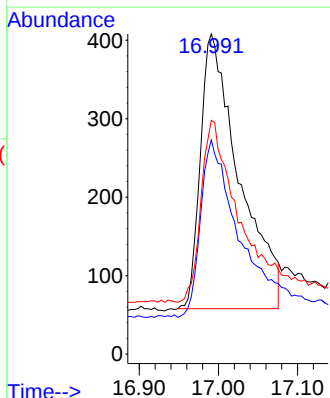
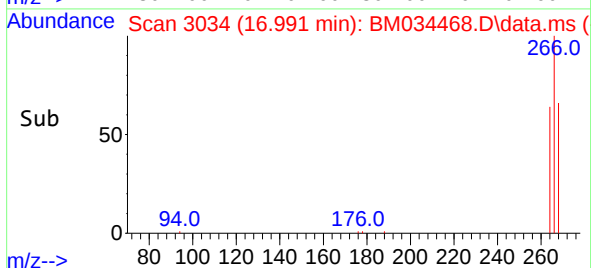
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

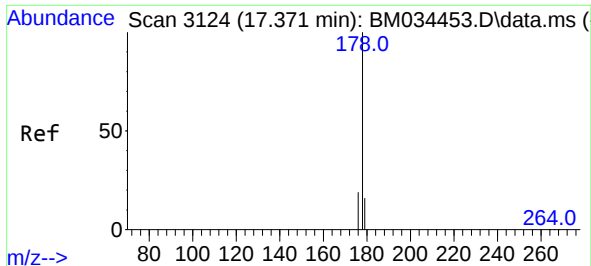


#14
Pentachlorophenol
Concen: 0.656 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



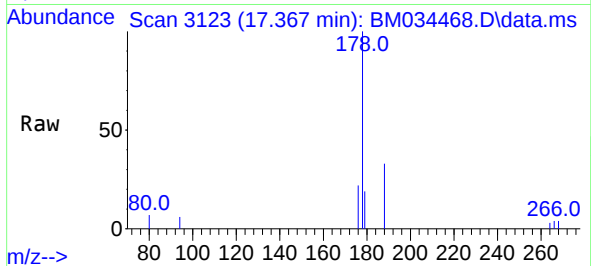
Tgt Ion:266 Resp: 1193
Ion Ratio Lower Upper
266 100
264 63.4 51.4 77.0
268 64.1 53.1 79.7





#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.367 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

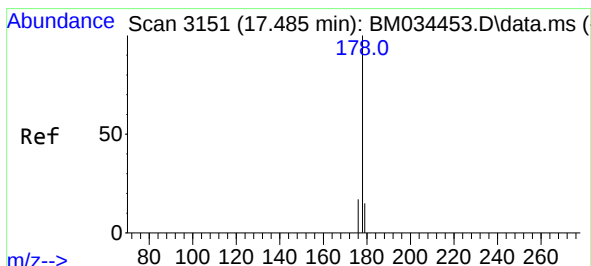
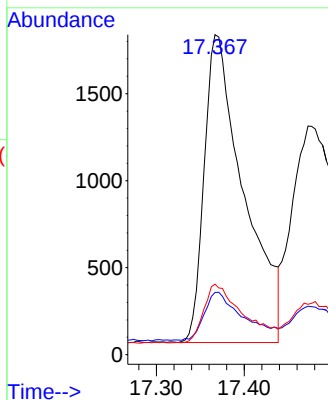
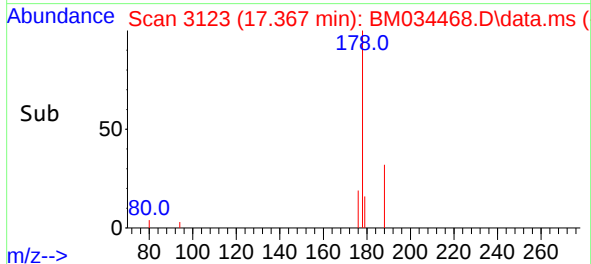
Instrument :
BNA_M
ClientSampleId :
SLCS672



Tgt Ion:178 Resp: 5530
Ion Ratio Lower Upper
178 100
179 19.5 15.0 22.6
176 22.1 17.9 26.9

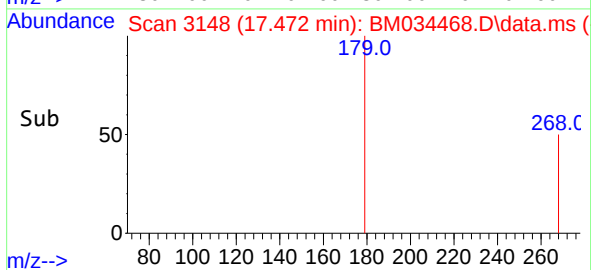
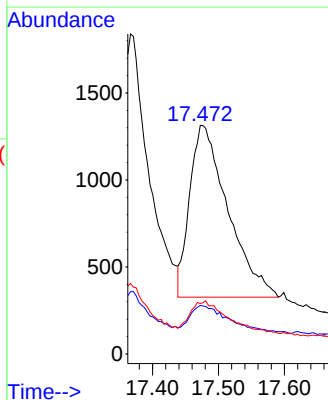
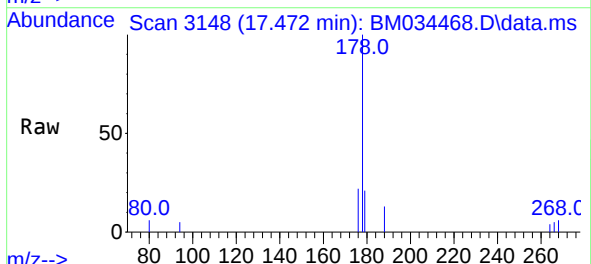
Manual Integrations
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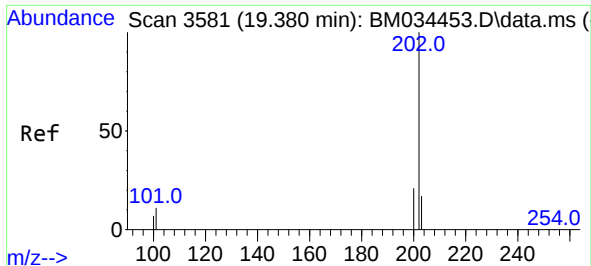
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.313 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. 0.013 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

Tgt Ion:178 Resp: 3963
Ion Ratio Lower Upper
178 100
179 21.2 16.5 24.7
176 22.1 18.3 27.5





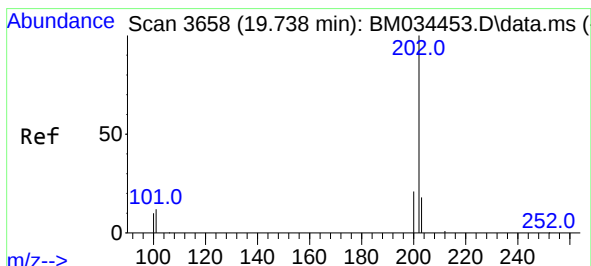
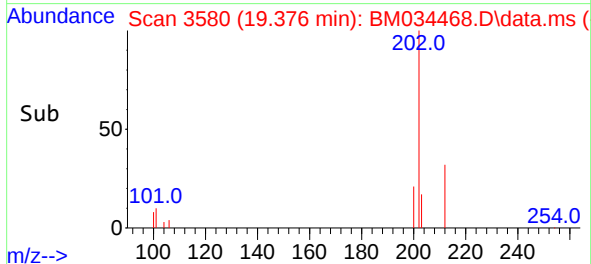
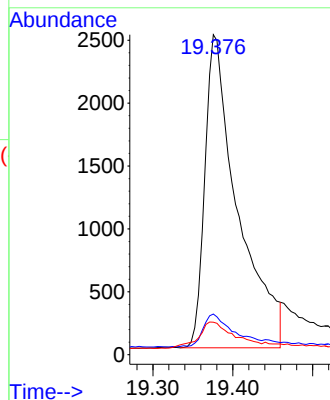
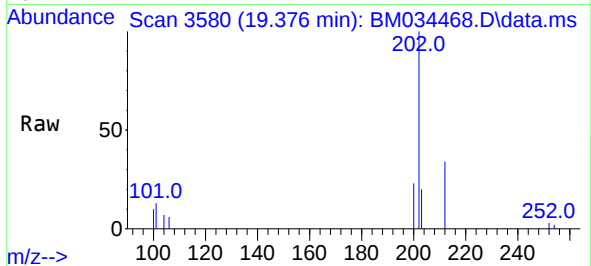
#19
Fluoranthene
Concen: 0.374 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

Instrument :
BNA_M
ClientSampleId :
SLCS672

Tgt Ion:202 Resp: 7100
Ion Ratio Lower Upper
202 100
101 12.7 9.2 13.8
100 10.1 7.2 10.8

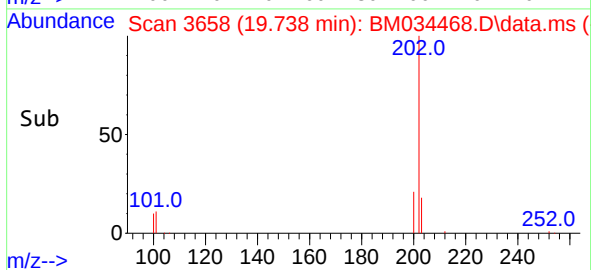
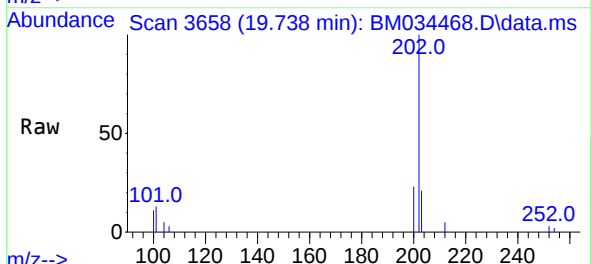
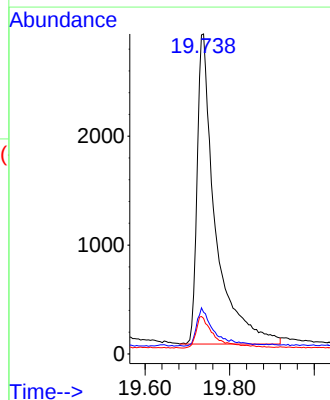
Manual Integrations
APPROVED

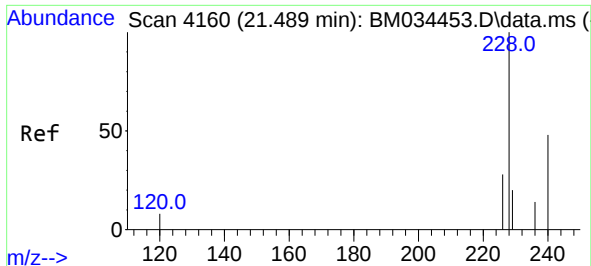
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.406 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

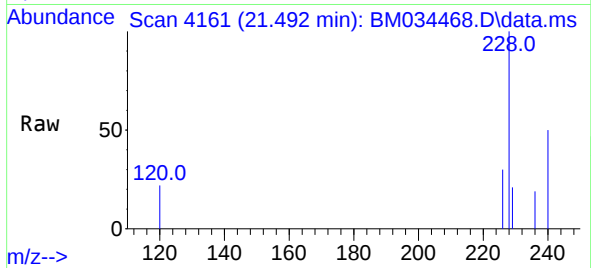
Tgt Ion:202 Resp: 8515
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 11.2 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.287 ng/ul m
RT: 21.492 min Scan# 4160
Delta R.T. 0.006 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

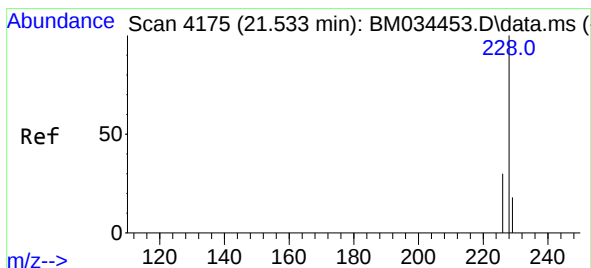
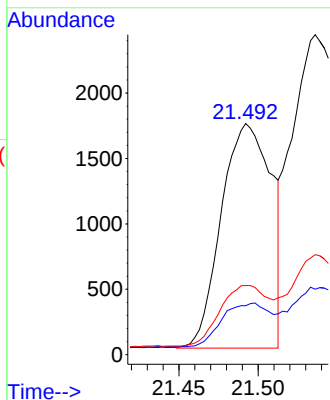
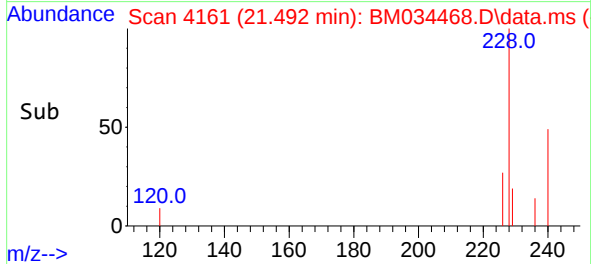
Instrument :
BNA_M
ClientSampleId :
SLCS672



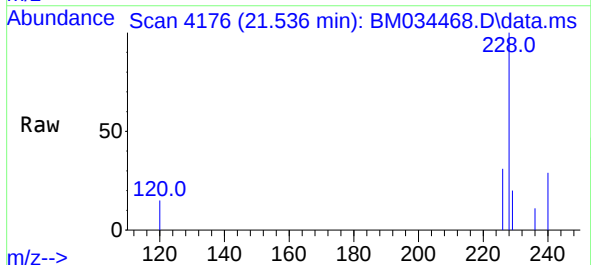
Tgt Ion:228 Resp: 377
Ion Ratio Lower Upper
228 100
229 21.2 17.3 25.9
226 29.9 23.2 34.8

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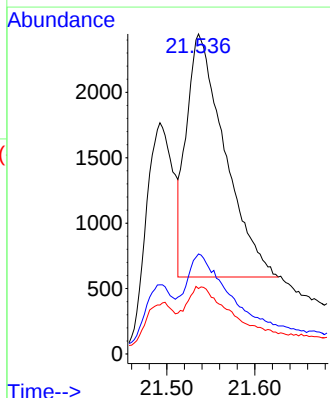
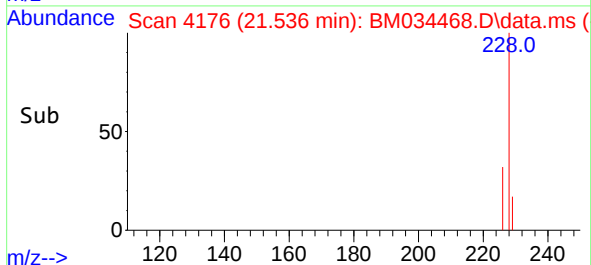
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

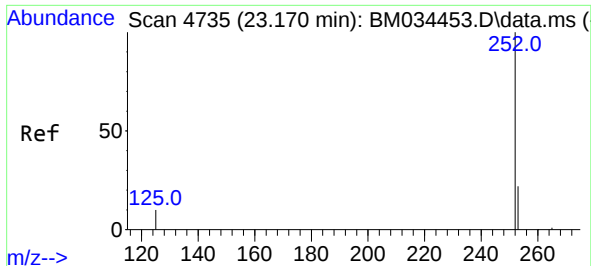


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



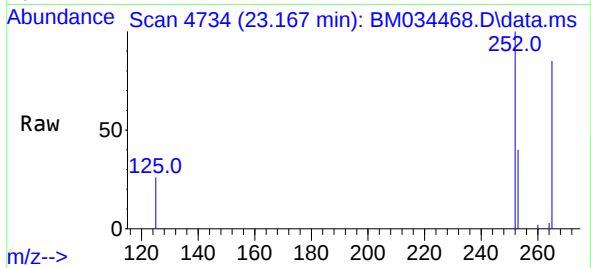
Tgt Ion:228 Resp: 5614
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 20.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

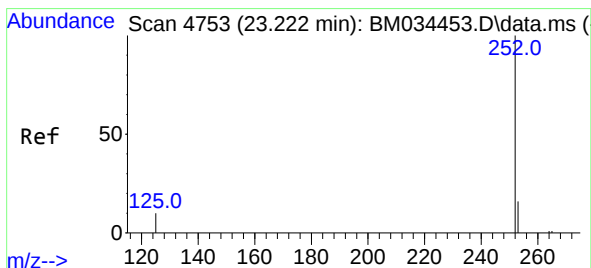
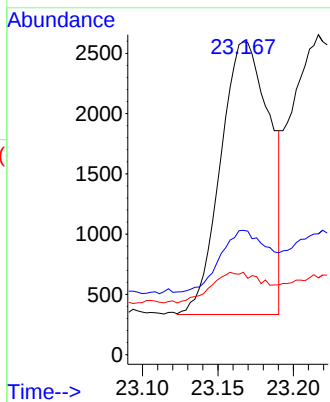
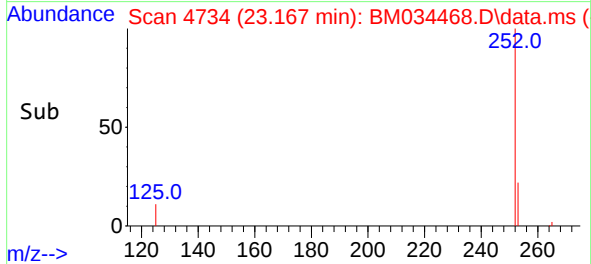
Instrument :
BNA_M
ClientSampleId :
SLCS672



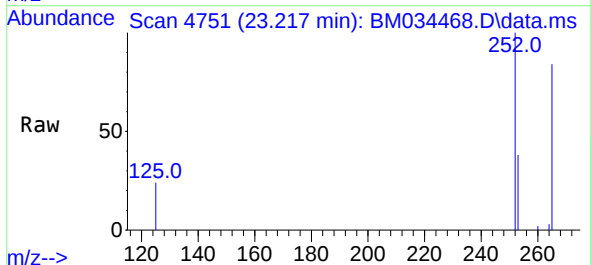
Tgt Ion:252 Resp: 514
Ion Ratio Lower Upper
252 100
253 39.7 0.0 64.2
125 26.3 0.0 28.8

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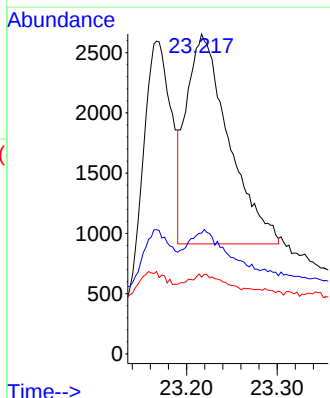
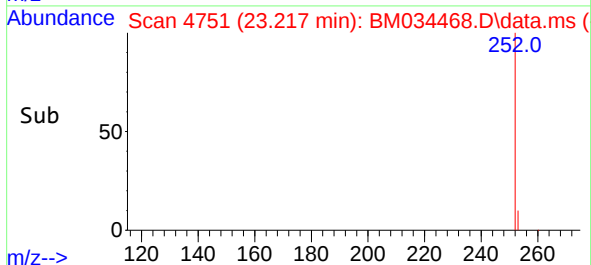
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

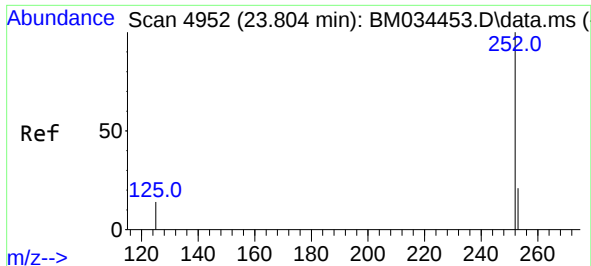


#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul m
RT: 23.217 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



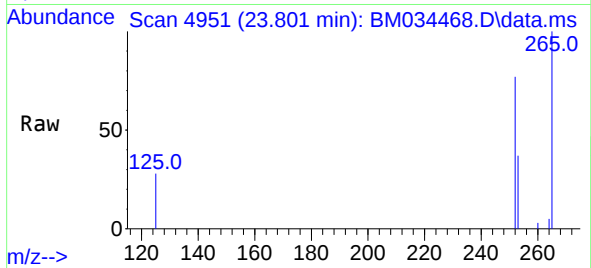
Tgt Ion:252 Resp: 5635
Ion Ratio Lower Upper
252 100
253 37.7 26.8 40.2
125 24.0 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

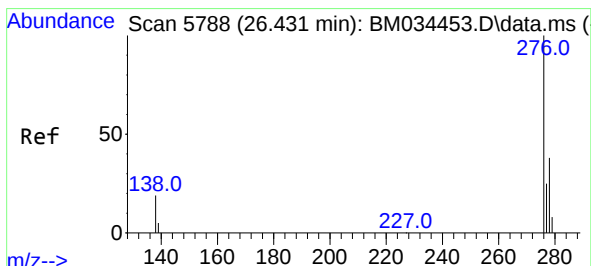
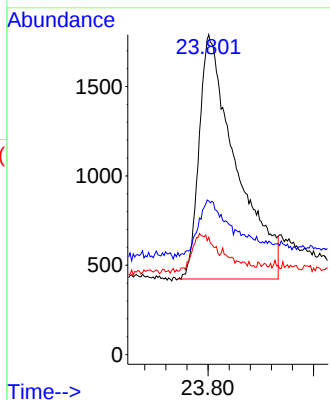
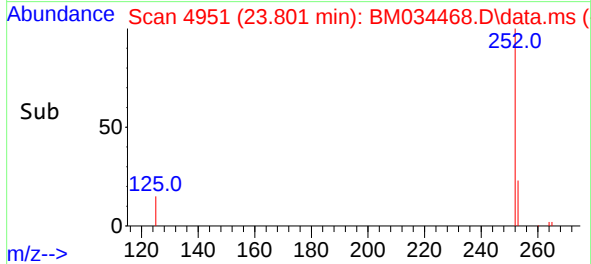
Instrument :
BNA_M
ClientSampleId :
SLCS672



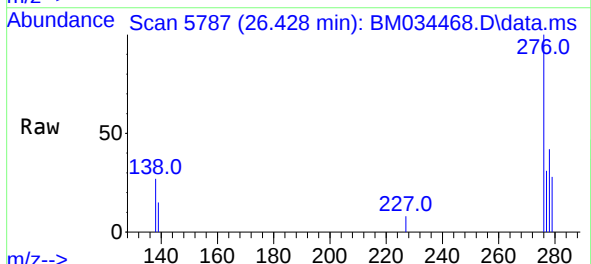
Tgt Ion:252 Resp: 662
Ion Ratio Lower Upper
252 100
253 48.0 32.0 48.0
125 36.6 14.5 21.7

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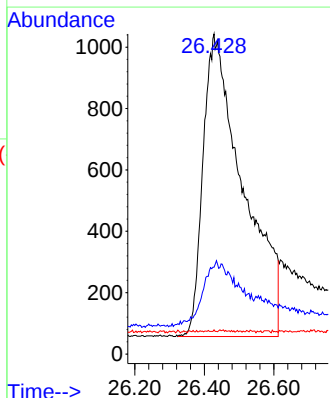
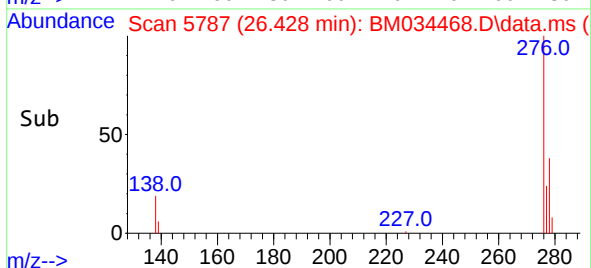
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

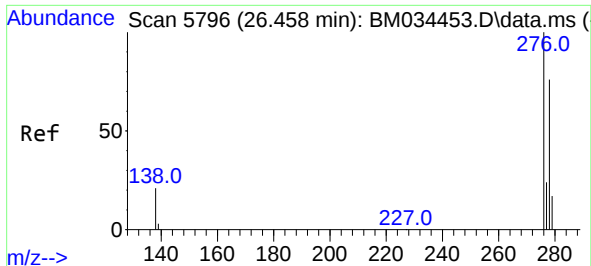


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 26.428 min Scan# 5787
Delta R.T. -0.007 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



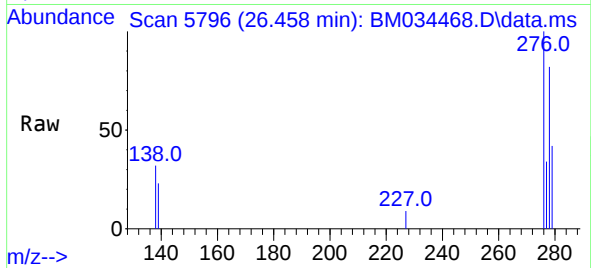
Tgt Ion:276 Resp: 7928
Ion Ratio Lower Upper
276 100
138 20.7 15.8 23.6
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12

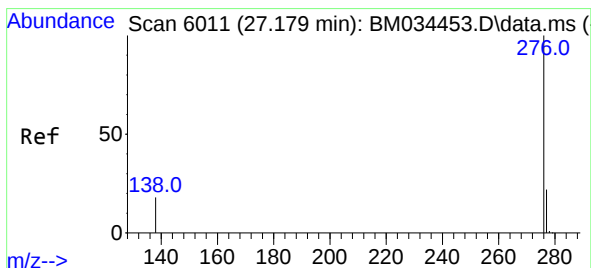
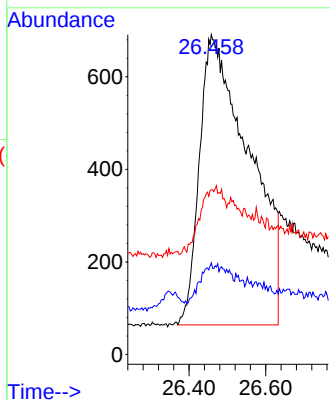
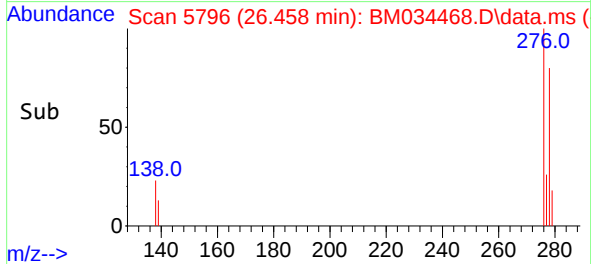
Instrument :
BNA_M
ClientSampleId :
SLCS672



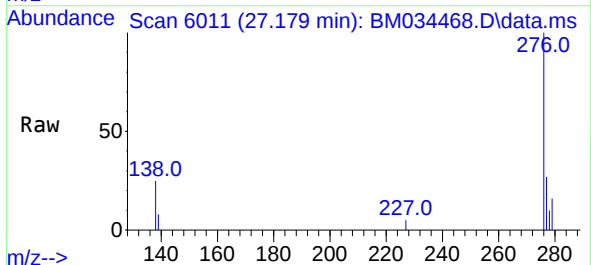
Tgt Ion:278 Resp: 5672
Ion Ratio Lower Upper
278 100
139 28.7 18.0 27.0
279 51.5 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.179 min Scan# 6011
Delta R.T. -0.027 min
Lab File: BM034468.D
Acq: 31 Mar 2022 08:12



Tgt Ion:276 Resp: 8656
Ion Ratio Lower Upper
276 100
138 25.3 17.4 26.0
277 27.1 22.6 33.8

