

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034652.D
 Acq On : 13 Apr 2022 11:00
 Operator : CG/JU
 Sample : PB143960BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS960

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 05:05:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	1143	0.400	ng/ul	0.02
4) Naphthalene-d8	10.716	136	4438	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.529	164	2450m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3342m	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	3048	0.400	ng/ul	# 0.01
23) Perylene-d12	23.846	264	2623	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2041	1.030	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	2149	0.365	ng/ul	0.02
18) Fluoranthene-d10	19.308	212	4053	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.285	88	5390	2.748	ng/ul#	81
5) Naphthalene	10.777	128	4639	0.361	ng/ul	98
7) 2-Methylnaphthalene	12.399	142	2536	0.331	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	2692	0.347	ng/ul	99
10) Acenaphthylene	14.256	152	4477	0.389	ng/ul	95
11) Acenaphthene	14.594	153	3292	0.358	ng/ul	96
12) Fluorene	15.593	166	3105	0.328	ng/ul	97
14) Pentachlorophenol	16.947	266	828	0.639	ng/ul	97
15) Phenanthrene	17.326	178	4055	0.376	ng/ul	96
16) Anthracene	17.436	178	2515	0.305	ng/ul	95
19) Fluoranthene	19.336	202	5352	0.425	ng/ul#	93
20) Pyrene	19.699	202	6677	0.449	ng/ul#	92
21) Benzo(a)anthracene	21.478	228	2241m	0.352	ng/ul	
22) Chrysene	21.499	228	3659	0.455	ng/ul	98
24) Benzo(b)fluoranthene	23.115	252	3239m	0.376	ng/ul	
25) Benzo(k)fluoranthene	23.168	252	3288	0.381	ng/ul#	73
26) Benzo(a)pyrene	23.749	252	4425	0.447	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.348	276	5222	0.398	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.395	278	3961	0.416	ng/ul#	50
29) Benzo(g,h,i)perylene	27.076	276	6136	0.428	ng/ul#	95

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

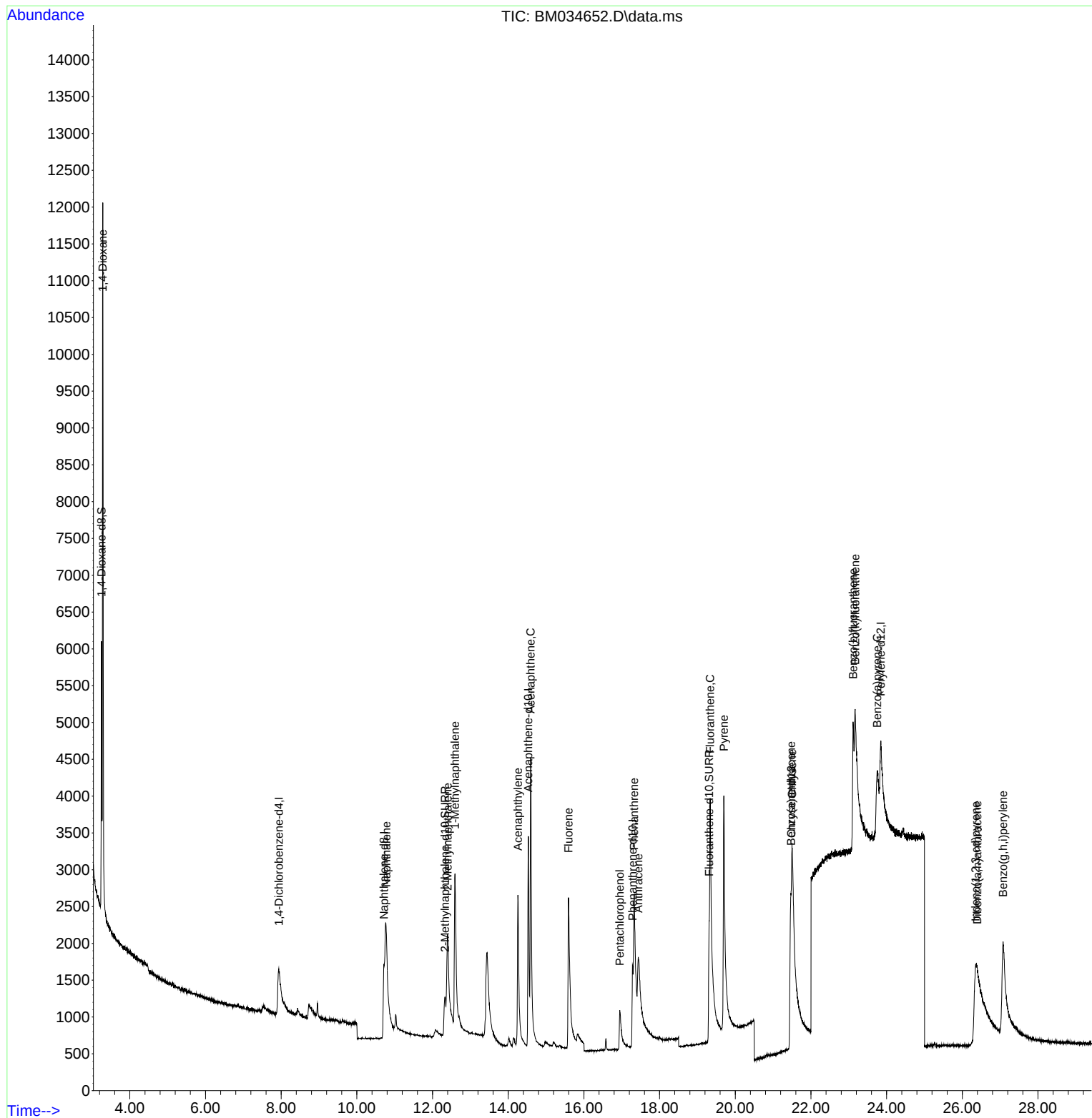
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034652.D
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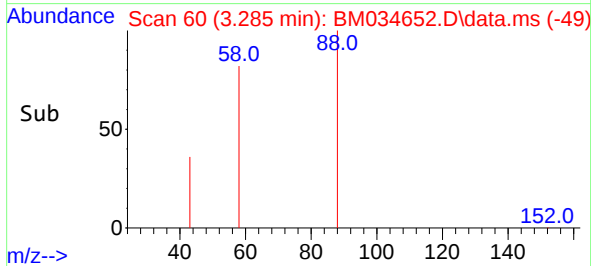
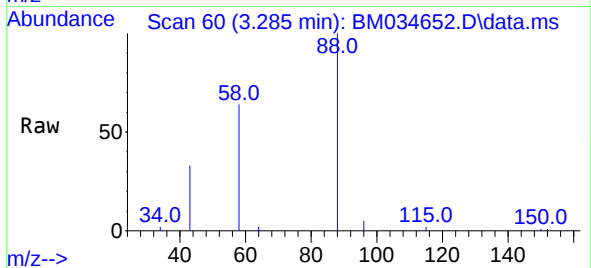
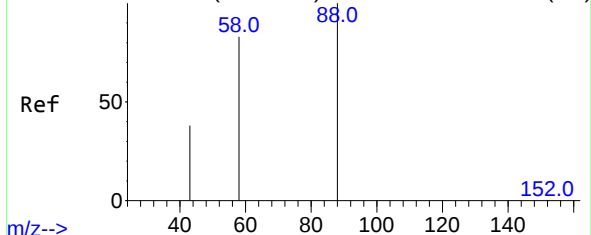
Manual Integrations
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Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 05:05:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
Response via : Initial Calibration



Abundance Scan 61 (3.290 min): BM034648.D\data.ms (-55)



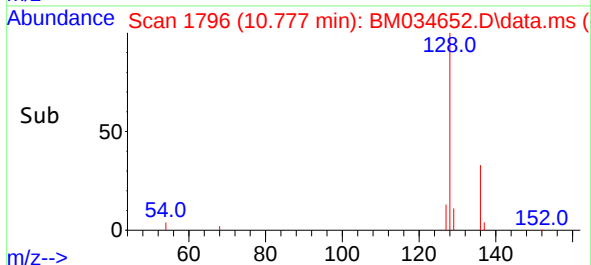
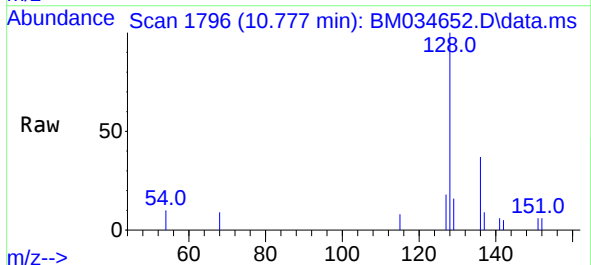
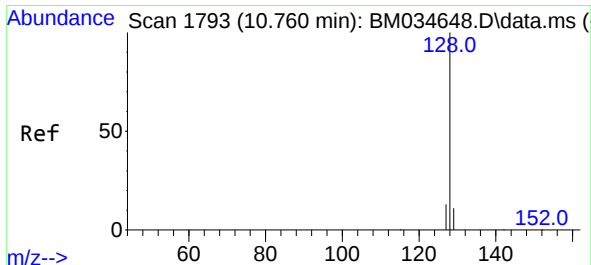
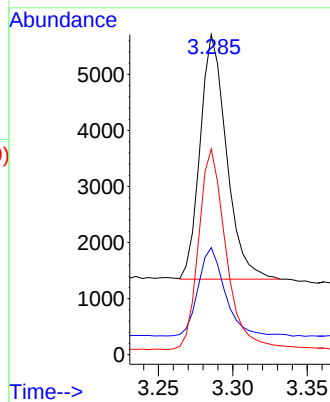
#2
1,4-Dioxane
Concen: 2.748 ng/ul
RT: 3.285 min Scan# 60
Delta R.T. -0.005 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

Instrument :
BNA_M
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Tgt Ion: 88 Resp: 5390
Ion Ratio Lower Upper
88 100
43 33.4 49.7 74.5
58 64.2 52.5 78.7

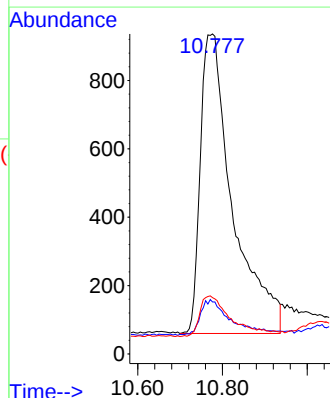
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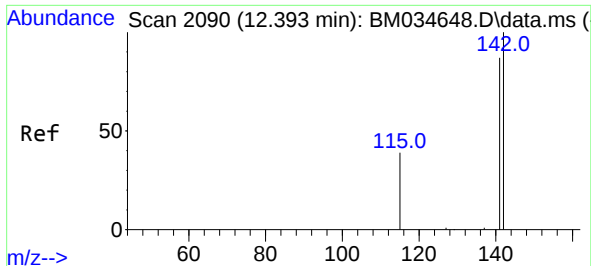
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.777 min Scan# 1796
Delta R.T. 0.022 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

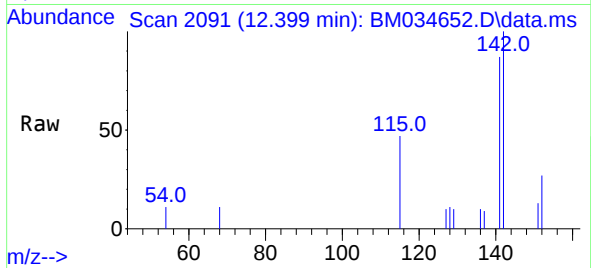
Tgt Ion:128 Resp: 4639
Ion Ratio Lower Upper
128 100
129 16.2 13.4 20.2
127 17.6 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.399 min Scan# 2091
Delta R.T. 0.017 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

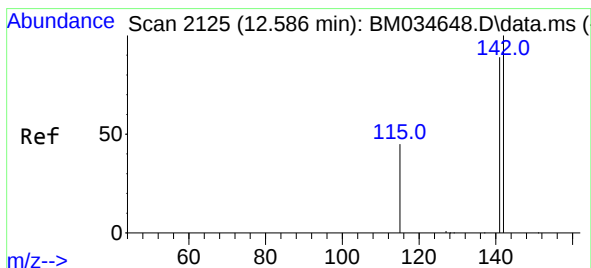
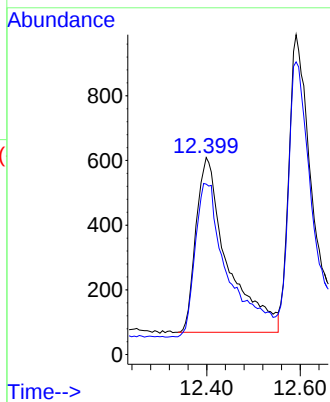
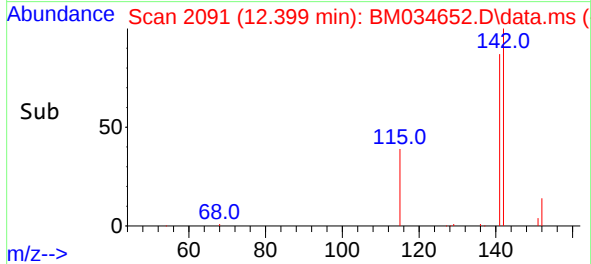
Instrument :
BNA_M
ClientSampleId :
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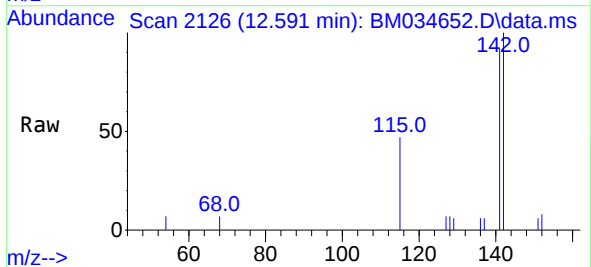
Tgt Ion:142 Resp: 2530
Ion Ratio Lower Upper
142 100
141 92.9 71.8 107.6

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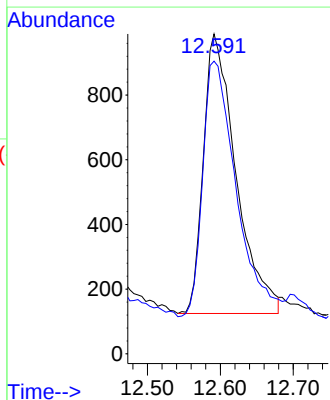
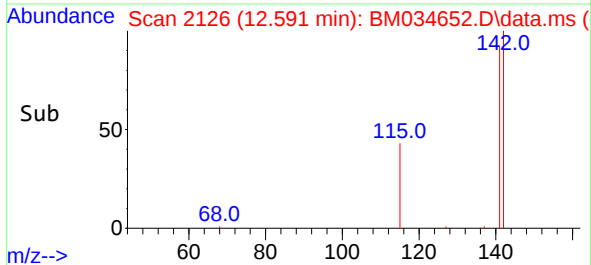
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

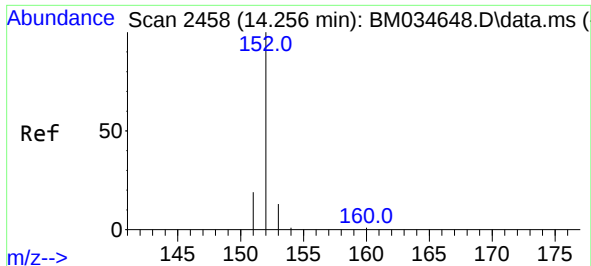


#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.591 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



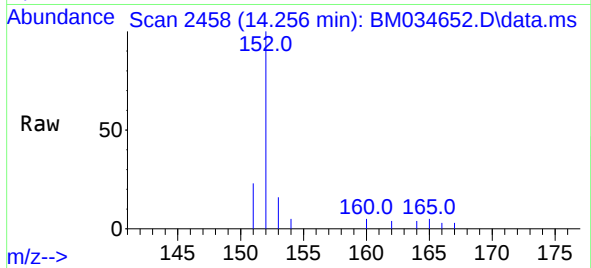
Tgt Ion:142 Resp: 2692
Ion Ratio Lower Upper
142 100
141 94.2 75.0 112.4





#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.256 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

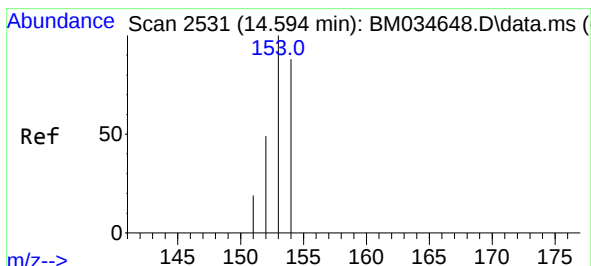
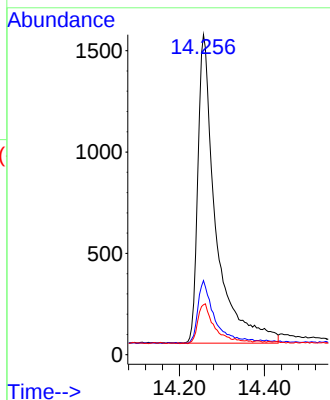
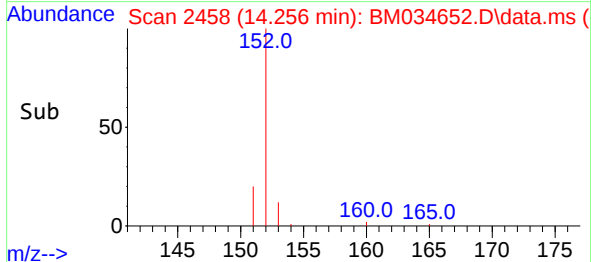
Instrument :
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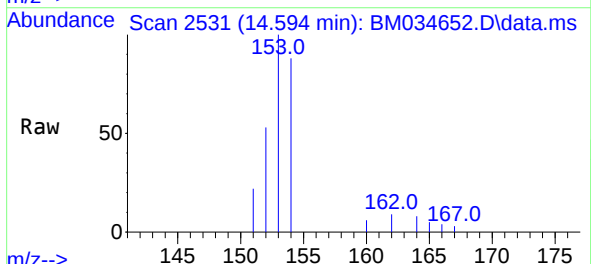
Tgt Ion:152 Resp: 447
Ion Ratio Lower Upper
152 100
151 23.2 19.9 29.9
153 15.6 15.0 22.4

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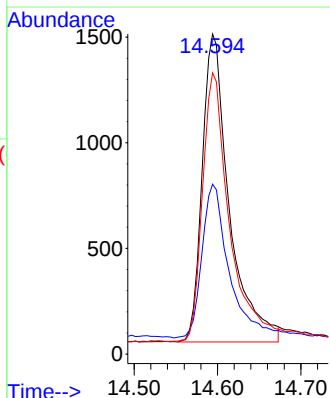
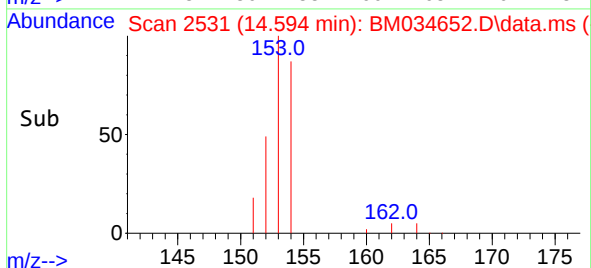
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

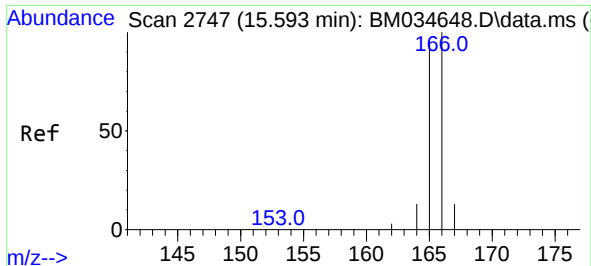


#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.594 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



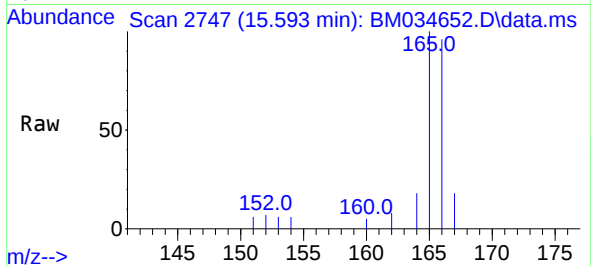
Tgt Ion:153 Resp: 3292
Ion Ratio Lower Upper
153 100
152 53.1 42.4 63.6
154 87.9 66.2 99.2





#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.593 min Scan# 210
Delta R.T. 0.005 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

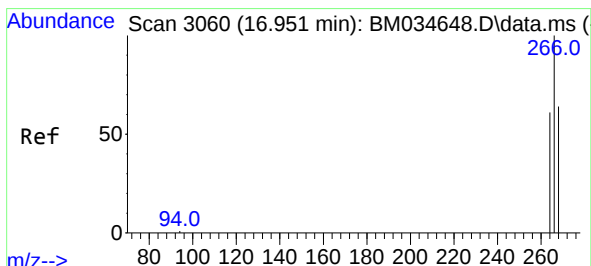
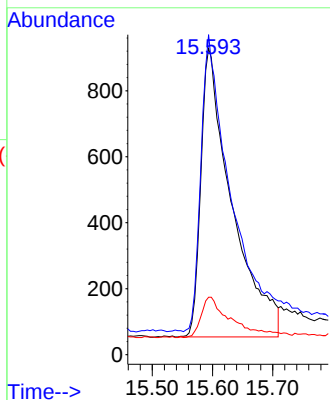
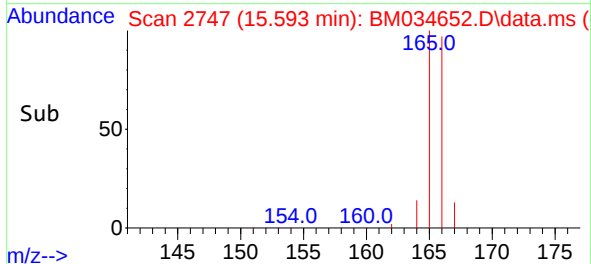
Instrument :
BNA_M
ClientSampleId :
SLCS960



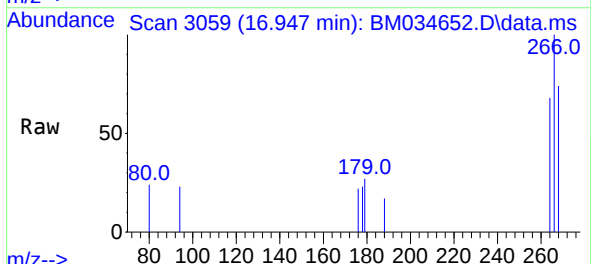
Tgt Ion:166 Resp: 310
Ion Ratio Lower Upper
166 100
165 104.5 81.1 121.7
167 18.8 14.9 22.3

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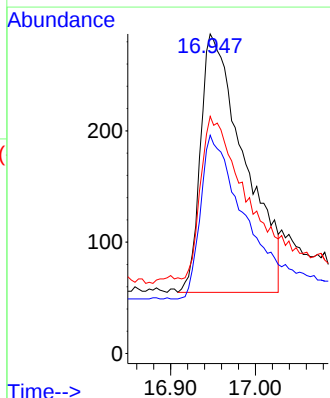
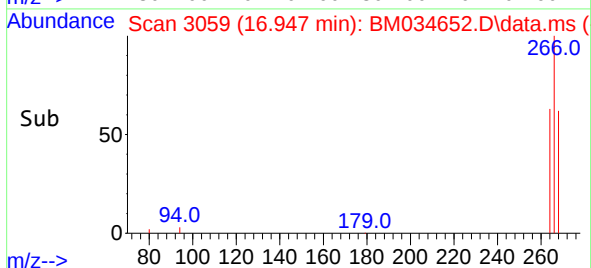
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

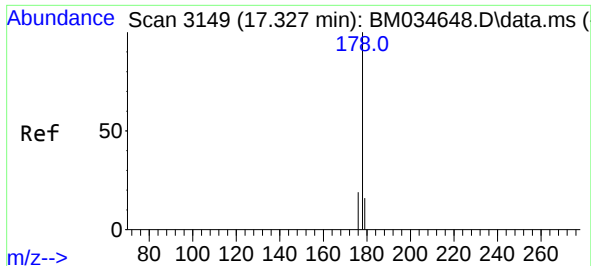


#14
Pentachlorophenol
Concen: 0.639 ng/ul
RT: 16.947 min Scan# 3059
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



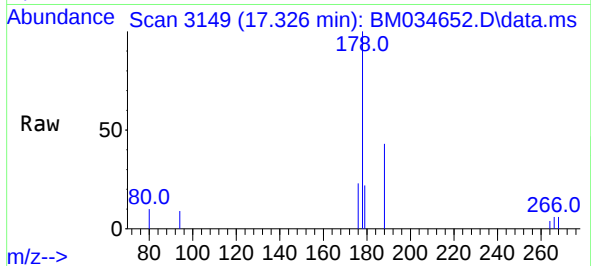
Tgt Ion:266 Resp: 828
Ion Ratio Lower Upper
266 100
264 63.0 51.4 77.0
268 63.5 53.1 79.7





#15
Phenanthrene
Concen: 0.376 ng/u1
RT: 17.326 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

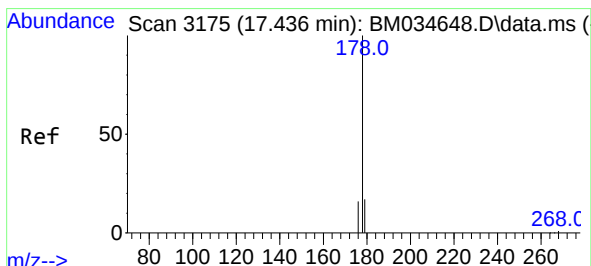
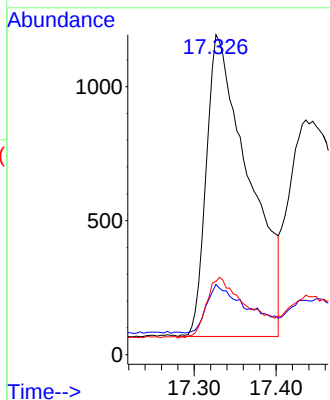
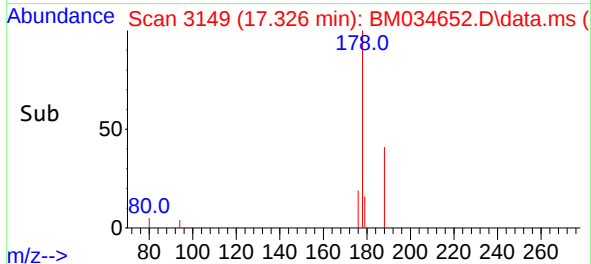
Instrument :
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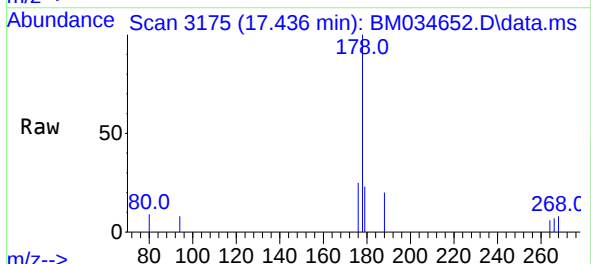
Tgt Ion:178 Resp: 4058
Ion Ratio Lower Upper
178 100
179 21.9 15.0 22.6
176 22.9 17.9 26.9

Manual Integrations
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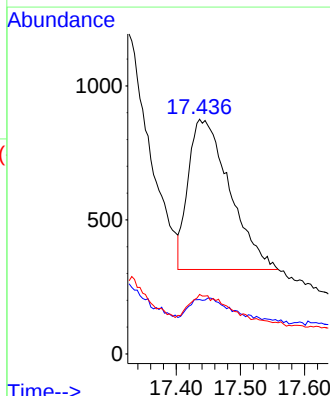
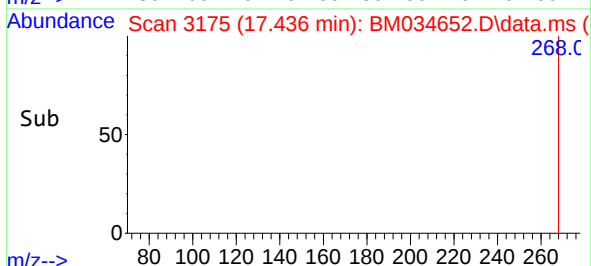
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

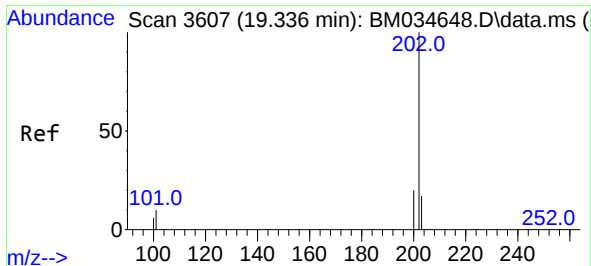


#16
Anthracene
Concen: 0.305 ng/u1
RT: 17.436 min Scan# 3175
Delta R.T. 0.013 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



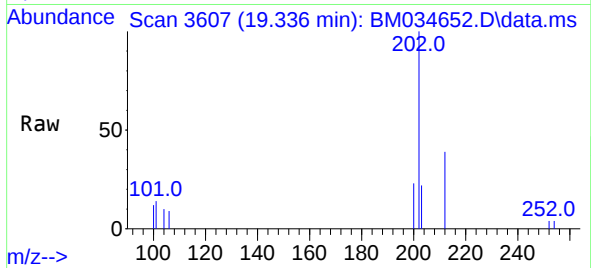
Tgt Ion:178 Resp: 2515
Ion Ratio Lower Upper
178 100
179 23.2 16.5 24.7
176 25.3 18.3 27.5





#19
Fluoranthene
Concen: 0.425 ng/u1
RT: 19.336 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

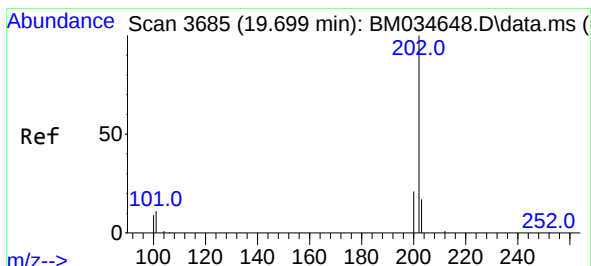
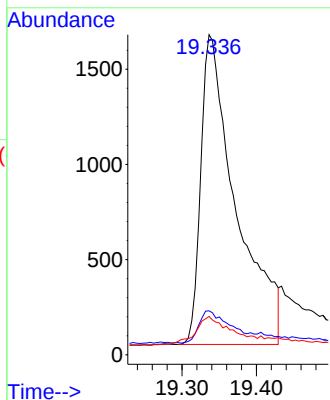
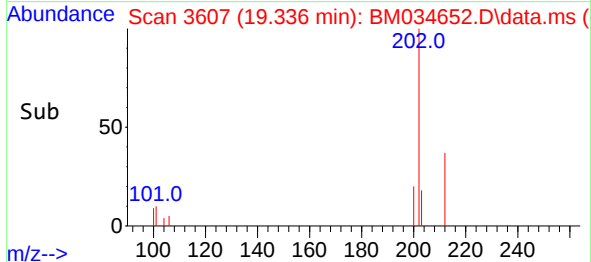
Instrument :
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SLCS960



Tgt Ion:202 Resp: 5352
Ion Ratio Lower Upper
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101 13.7 9.2 13.8
100 12.0 7.2 10.8

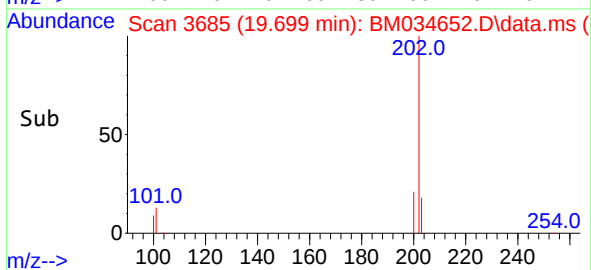
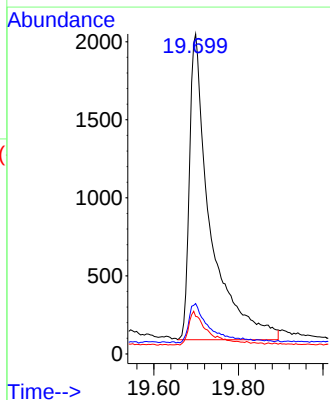
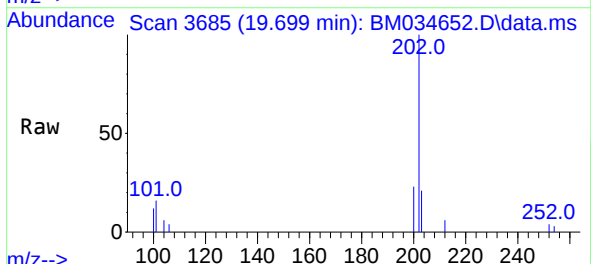
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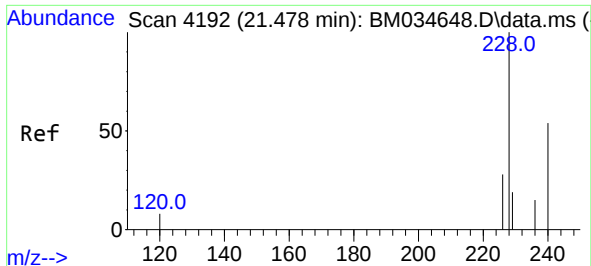
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#20
Pyrene
Concen: 0.449 ng/u1
RT: 19.699 min Scan# 3685
Delta R.T. 0.000 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

Tgt Ion:202 Resp: 6677
Ion Ratio Lower Upper
202 100
101 15.8 9.3 13.9#
100 11.7 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.352 ng/ul m
RT: 21.478 min Scan# 4192
Delta R.T. 0.025 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

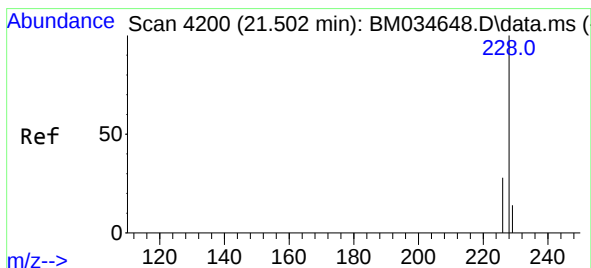
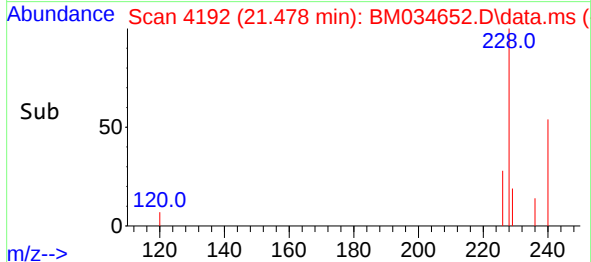
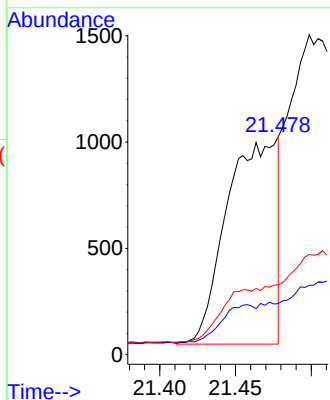
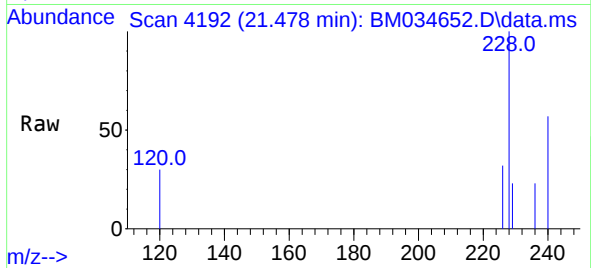
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 224

Ion	Ratio	Lower	Upper
228	100		
229	23.4	17.3	25.9
226	32.1	23.2	34.8

Manual Integrations
APPROVED

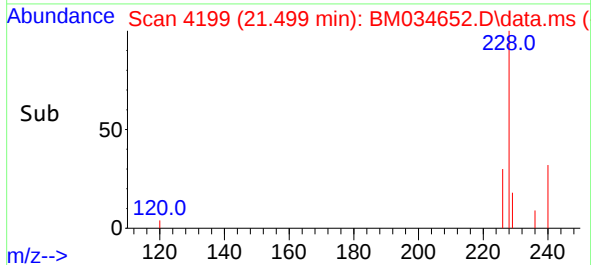
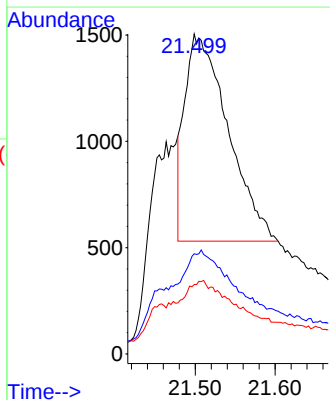
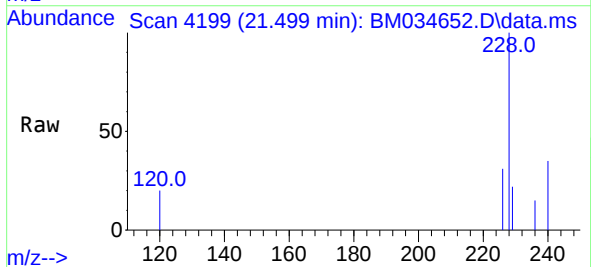
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

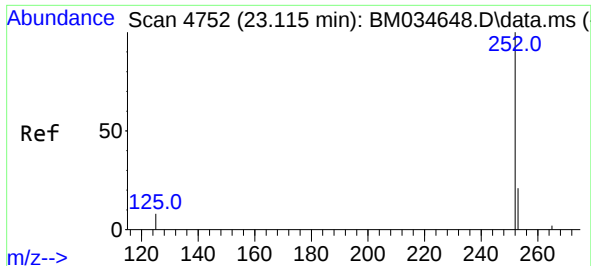


#22
Chrysene
Concen: 0.455 ng/ul
RT: 21.499 min Scan# 4199
Delta R.T. -0.005 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

Tgt Ion:228 Resp: 3659

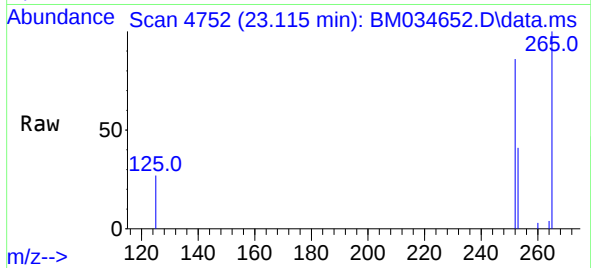
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.8	38.8
229	21.7	16.7	25.1





#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul m
RT: 23.115 min Scan# 4752
Delta R.T. -0.004 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

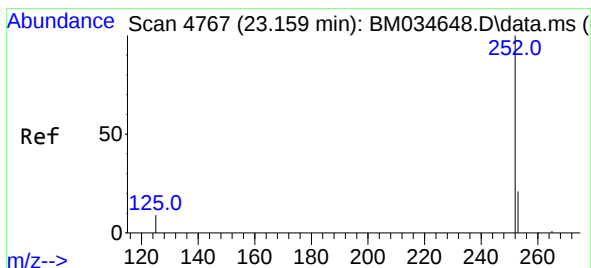
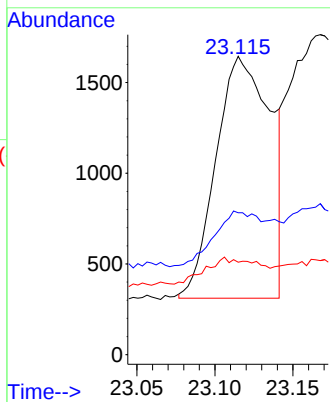
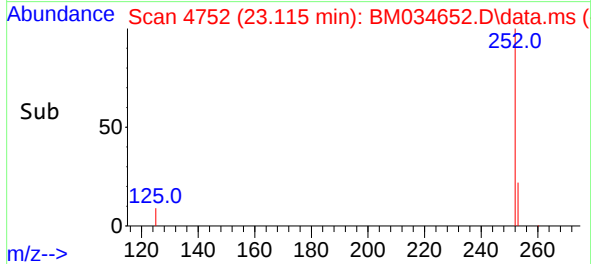
Instrument :
BNA_M
ClientSampleId :
SLCS960



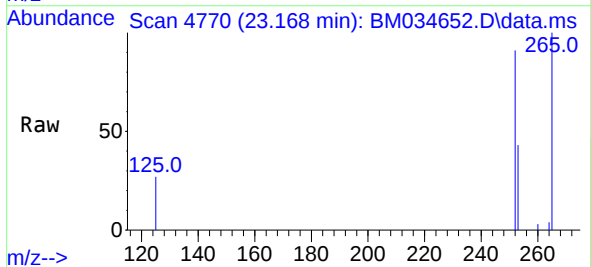
Tgt Ion:252 Resp: 3239
Ion Ratio Lower Upper
252 100
253 47.5 0.0 64.2
125 31.0 0.0 28.8

Manual Integrations
APPROVED

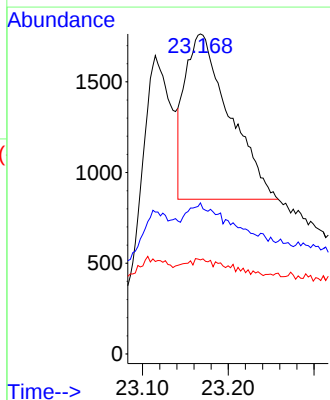
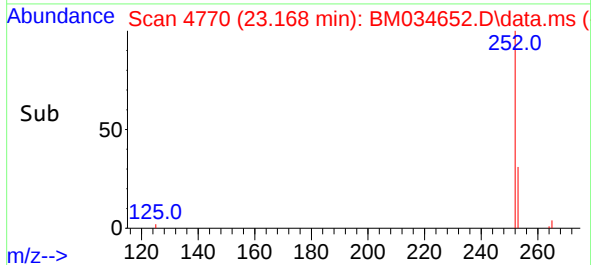
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

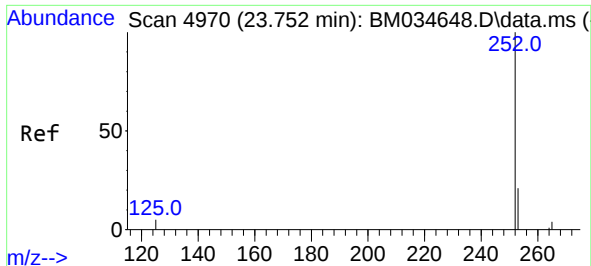


#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.168 min Scan# 4770
Delta R.T. -0.001 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



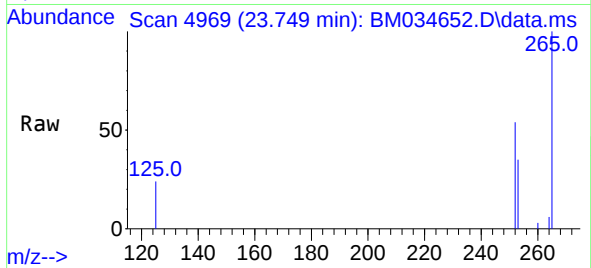
Tgt Ion:252 Resp: 3288
Ion Ratio Lower Upper
252 100
253 47.2 26.8 40.2#
125 29.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.749 min Scan# 4969
Delta R.T. -0.005 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

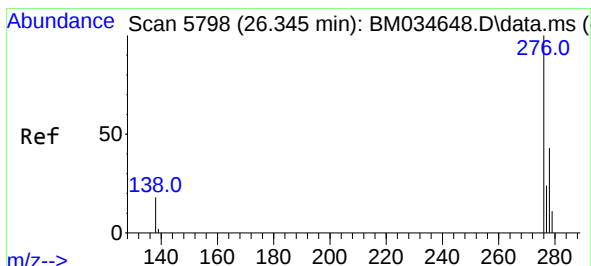
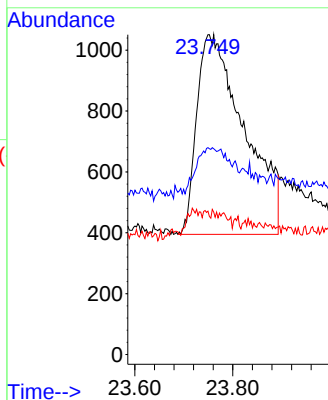
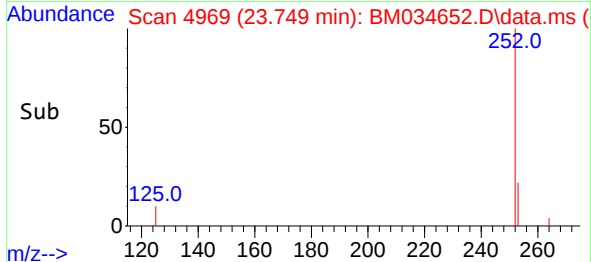
Instrument :
BNA_M
ClientSampleId :
SLCS960



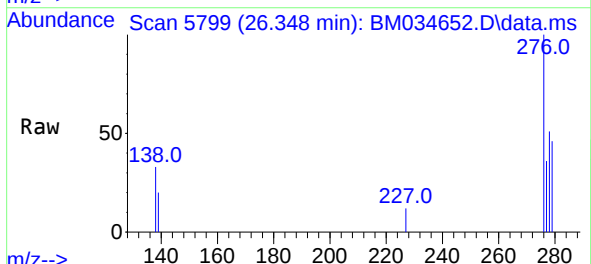
Tgt Ion:252 Resp: 4425
Ion Ratio Lower Upper
252 100
253 64.7 32.0 48.0
125 44.8 14.5 21.7

Manual Integrations
APPROVED

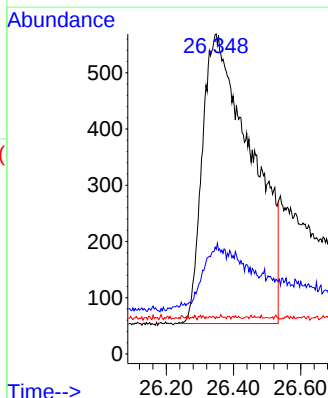
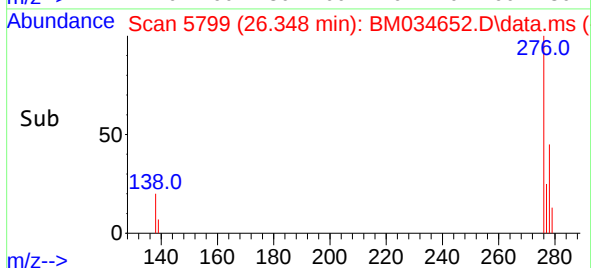
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

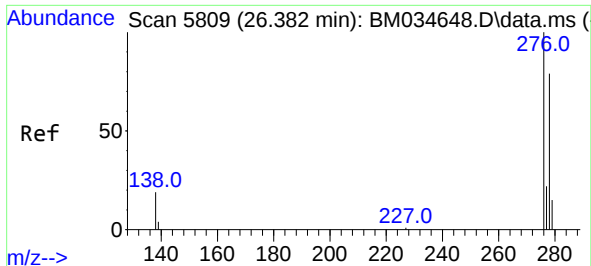


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.348 min Scan# 5799
Delta R.T. 0.002 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



Tgt Ion:276 Resp: 5222
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.6
227 0.1 0.0 0.0





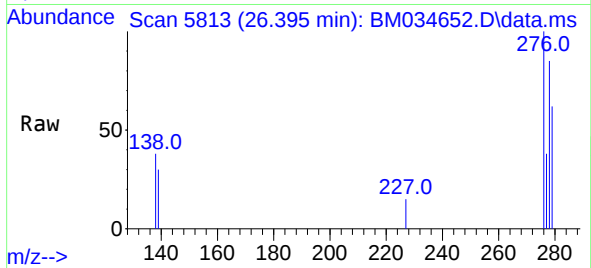
#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 26.395 min Scan# 5813
Delta R.T. 0.008 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00

Instrument :

BNA_M

ClientSampleId :

SLCS960

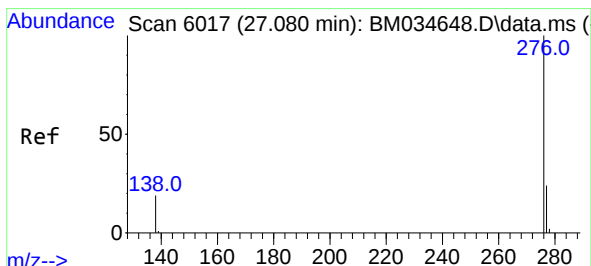
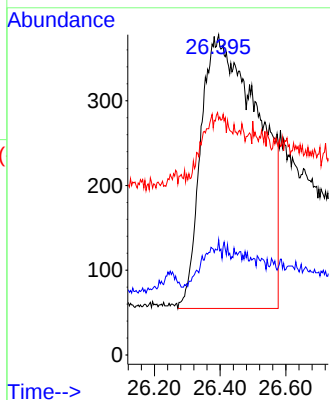
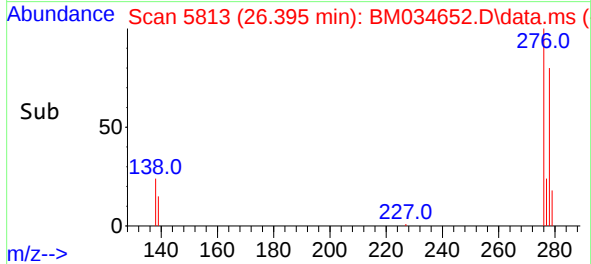


Tgt Ion:278 Resp: 396
Ion Ratio Lower Upper
278 100
139 36.0 18.0 27.0
279 73.5 28.6 42.8

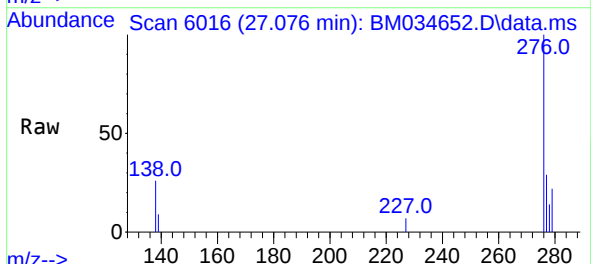
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 27.076 min Scan# 6016
Delta R.T. -0.018 min
Lab File: BM034652.D
Acq: 13 Apr 2022 11:00



Tgt Ion:276 Resp: 6136
Ion Ratio Lower Upper
276 100
138 26.1 17.4 26.0
277 29.1 22.6 33.8

