

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034916.D
 Acq On : 04 May 2022 06:54
 Operator : CG/JU
 Sample : N2623-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFJ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 04 07:26:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	16739	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	9067	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	16356	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	11572	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	11382	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	19123	2.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	4199	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	7322	0.201	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	5234	0.109	ng/ul#	92
7) 2-Methylnaphthalene	12.387	142	4194	0.132	ng/ul	98
8) 1-Methylnaphthalene	12.607	142	4445	0.142	ng/ul	99
10) Acenaphthylene	14.280	152	17273	0.436	ng/ul	92
11) Acenaphthene	14.617	153	3189	0.095	ng/ul	98
12) Fluorene	15.603	166	12155	0.322	ng/ul	99
14) Pentachlorophenol	16.951	266	233	0.048	ng/ul	96
15) Phenanthrene	17.339	178	93615	1.731	ng/ul	94
16) Anthracene	17.428	178	37781	0.784	ng/ul#	92
19) Fluoranthene	19.350	202	129902	2.338	ng/ul	98
20) Pyrene	19.713	202	251685	4.511	ng/ul	99
21) Benzo(a)anthracene	21.458	228	92973	2.065	ng/ul	98
22) Chrysene	21.508	228	98835	2.059	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	78499	1.510	ng/ul	88
25) Benzo(k)fluoranthene	23.176	252	28755m	0.554	ng/ul	
26) Benzo(a)pyrene	23.752	252	88901	2.096	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.325	276	48034	0.807	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.339	278	21604	0.446	ng/ul	94
29) Benzo(g,h,i)perylene	27.086	276	51865	1.009	ng/ul	93

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

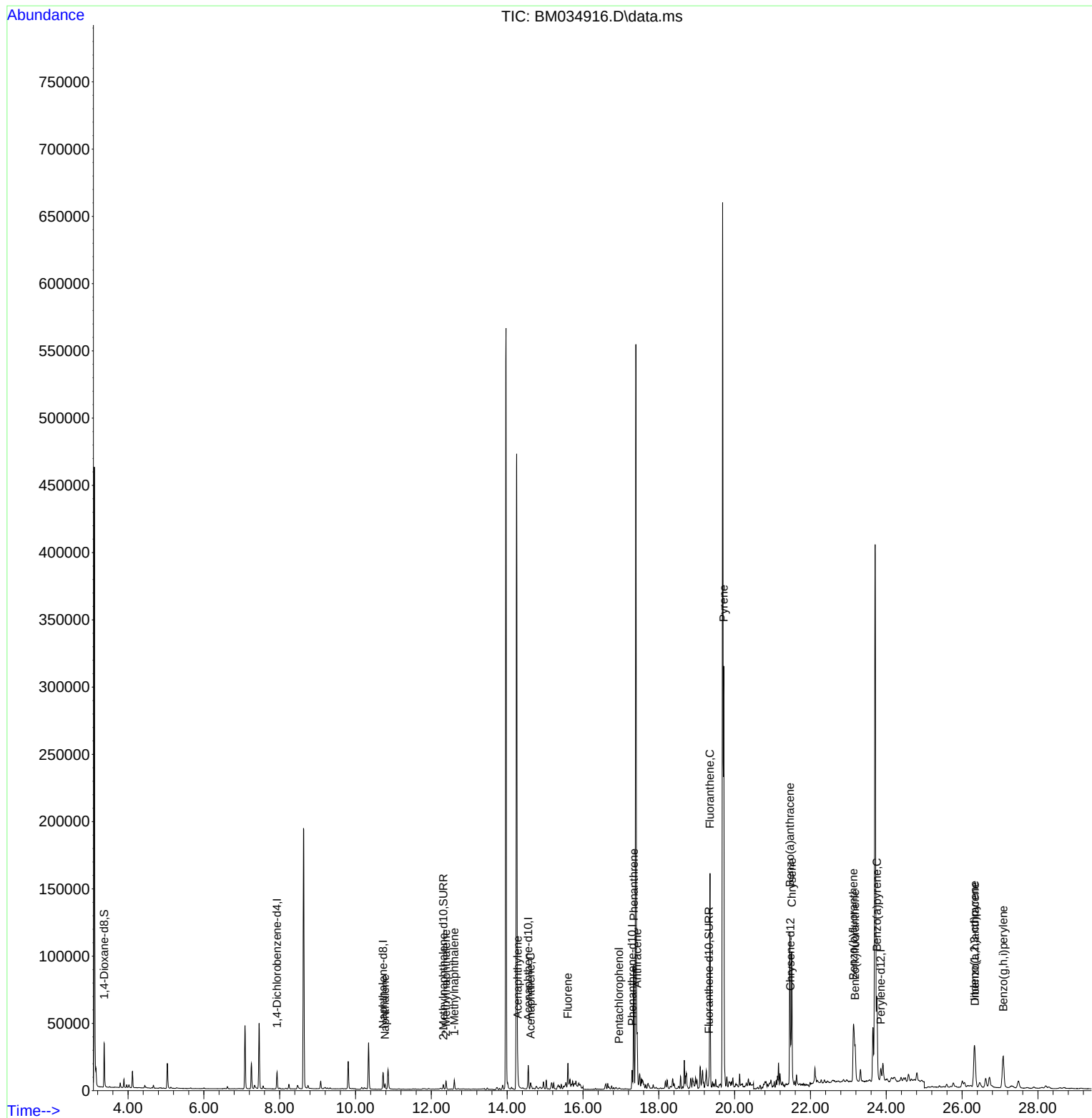
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034916.D
Acq On : 04 May 2022 06:54
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Sample : N2623-01
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ALS Vial : 32 Sample Multiplier: 1

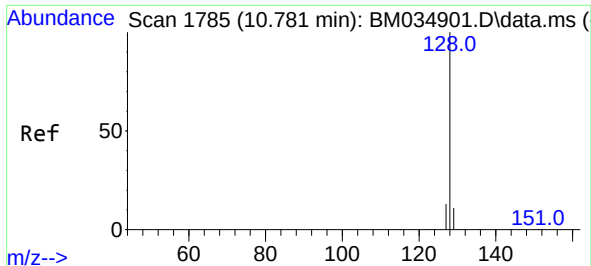
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Supervised By :Yogesh Patel 05/05/2022

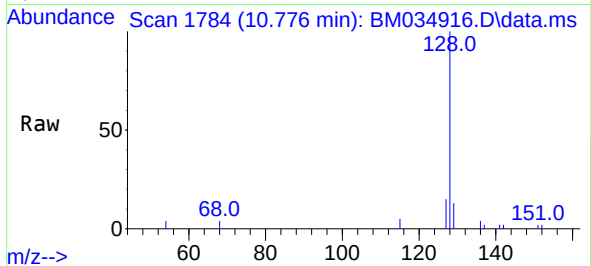
Quant Time: May 04 07:26:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.776 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

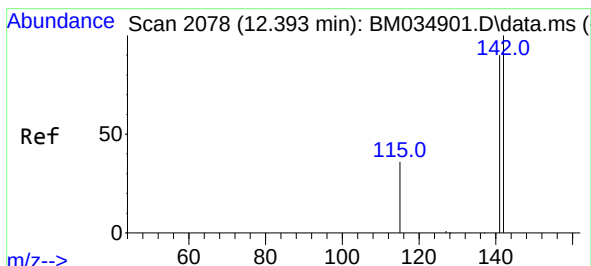
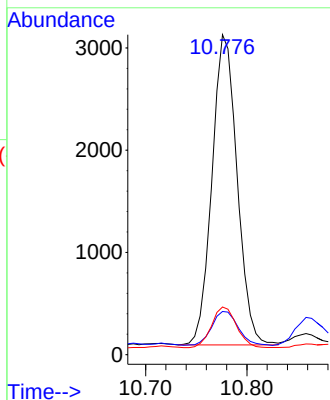
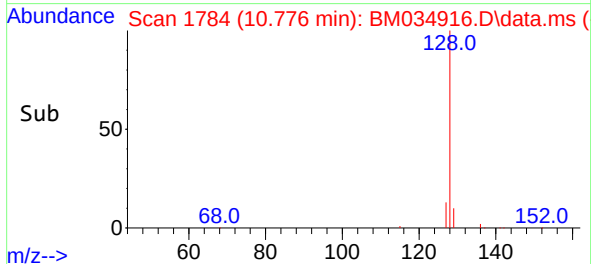
Instrument :
BNA_M
ClientSampleId :
BFFJ1



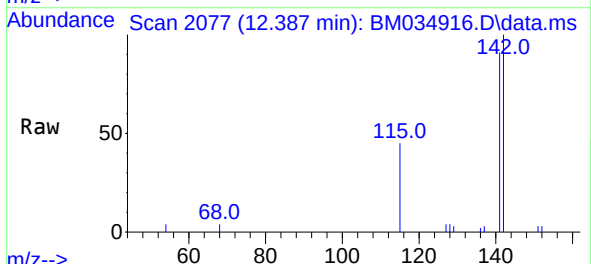
Tgt Ion:128 Resp: 5234
Ion Ratio Lower Upper
128 100
129 13.5 13.4 20.2
127 14.9 15.2 22.8

Manual Integrations
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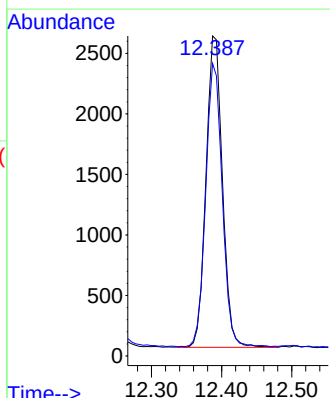
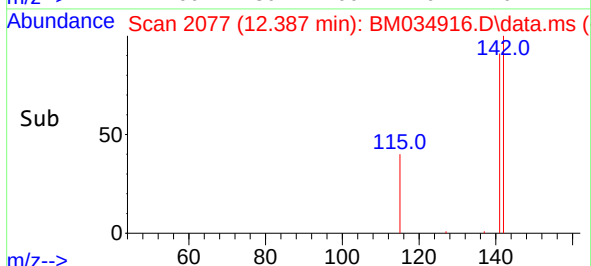
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

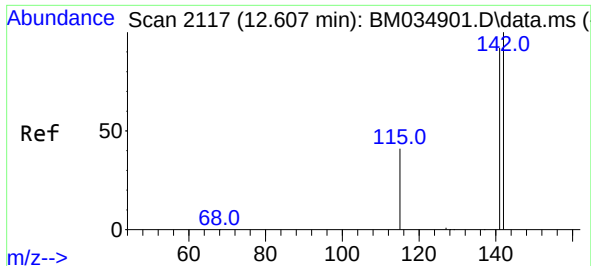


#7
2-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



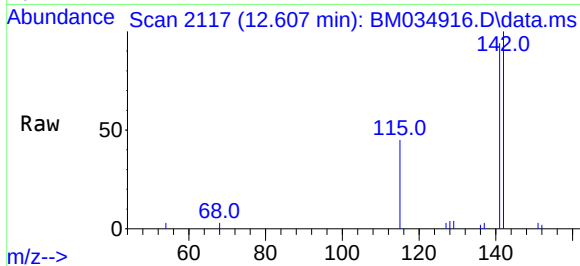
Tgt Ion:142 Resp: 4194
Ion Ratio Lower Upper
142 100
141 91.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

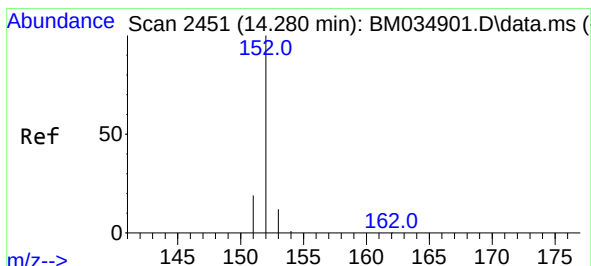
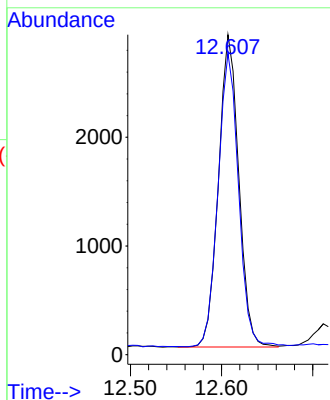
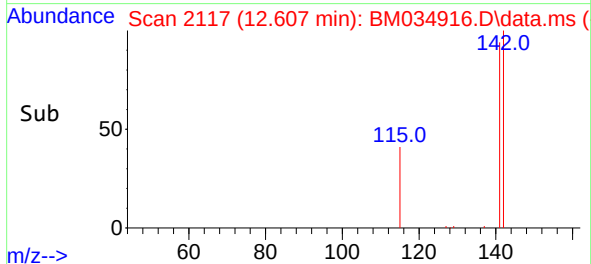
Instrument :
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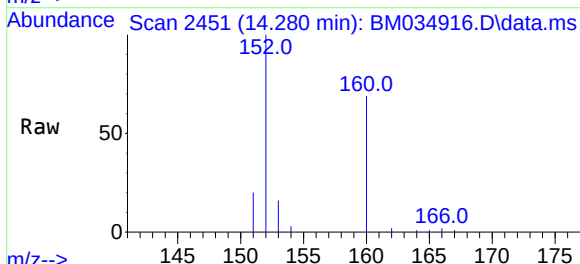
Tgt Ion:142 Resp: 444
Ion Ratio Lower Upper
142 100
141 94.8 75.0 112.4

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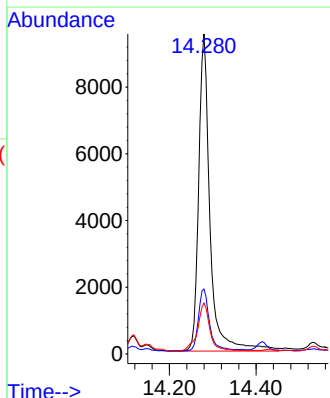
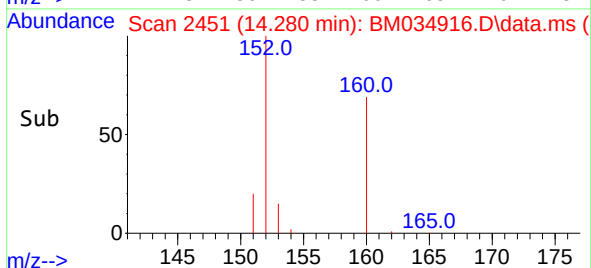
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

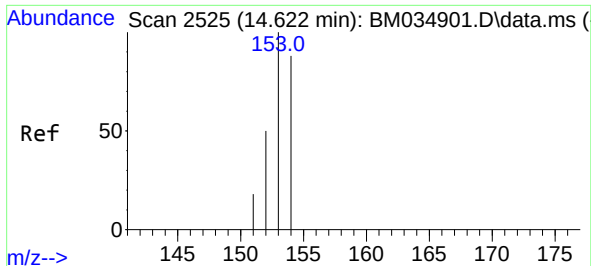


#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



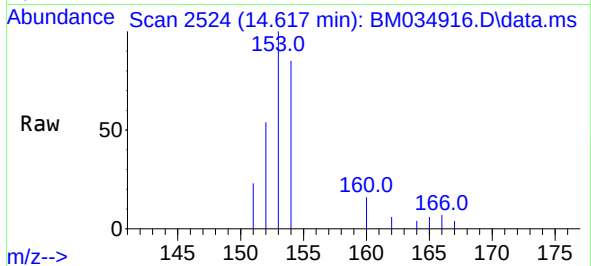
Tgt Ion:152 Resp: 17273
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 15.9 15.0 22.4





#11
Acenaphthene
Concen: 0.095 ng/u1
RT: 14.617 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

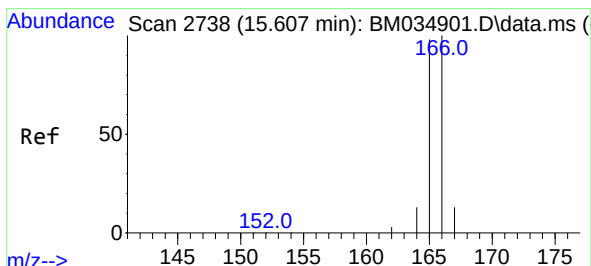
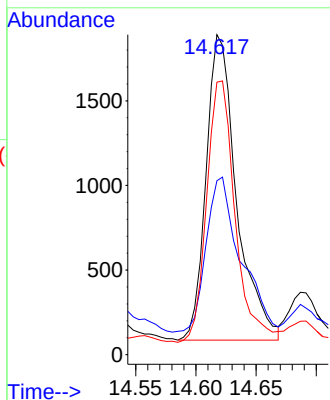
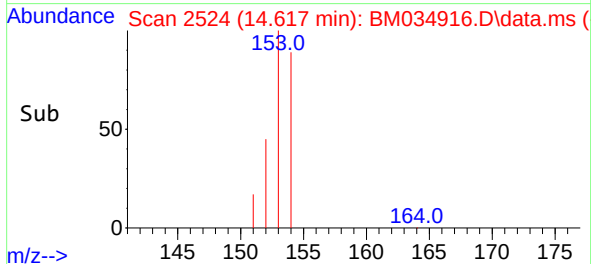
Instrument :
BNA_M
ClientSampleId :
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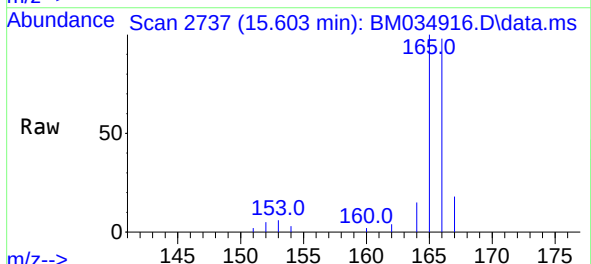
Tgt Ion:153 Resp: 3189
Ion Ratio Lower Upper
153 100
152 54.4 42.4 63.6
154 85.1 66.2 99.2

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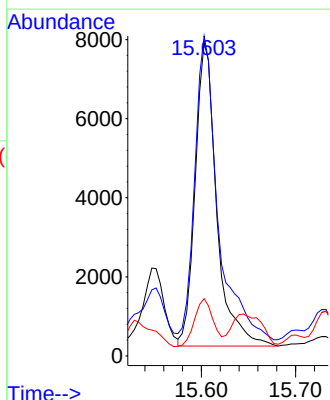
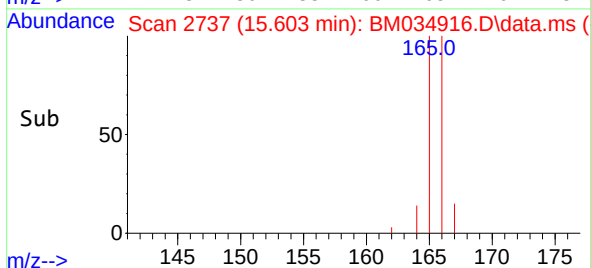
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

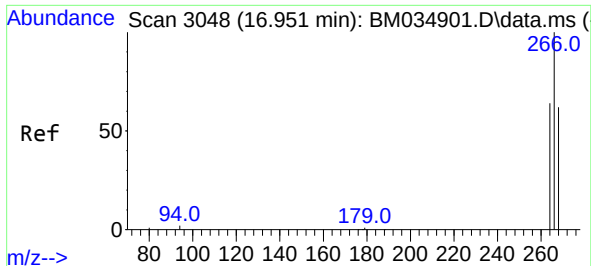


#12
Fluorene
Concen: 0.322 ng/u1
RT: 15.603 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



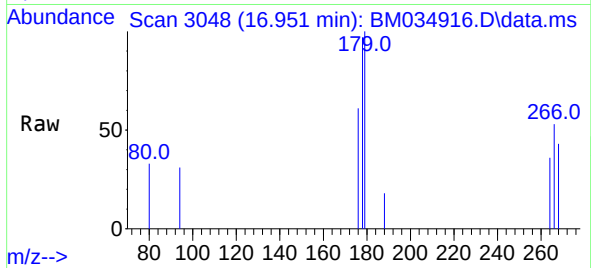
Tgt Ion:166 Resp: 12155
Ion Ratio Lower Upper
166 100
165 102.2 81.1 121.7
167 18.3 14.9 22.3





#14
Pentachlorophenol
Concen: 0.048 ng/uI
RT: 16.951 min Scan# 3048
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

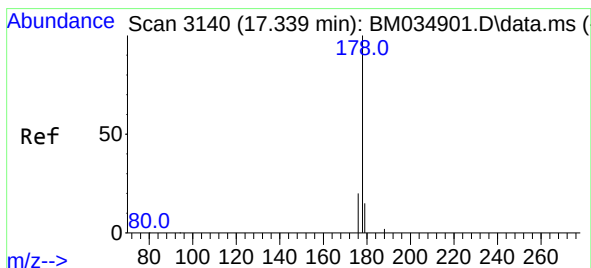
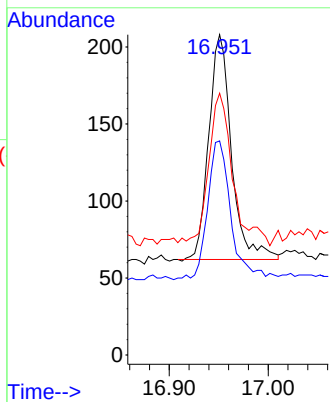
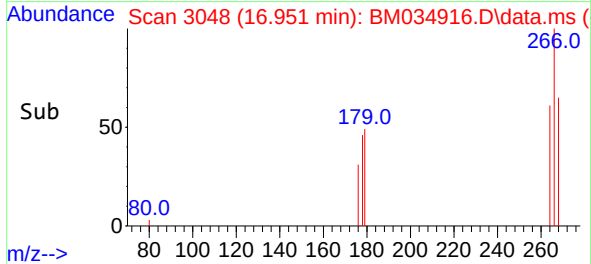
Instrument :
BNA_M
ClientSampleId :
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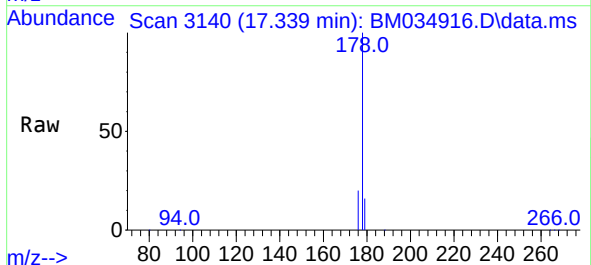
Tgt Ion:266	Resp:	238
Ion Ratio	Lower	Upper
266	100	
264	63.5	51.4 77.0
268	72.1	53.1 79.7

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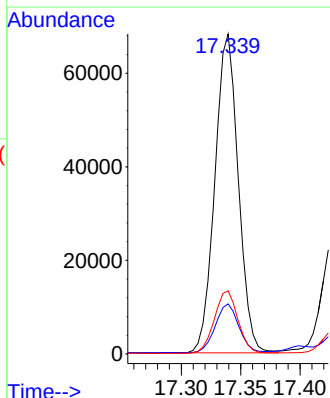
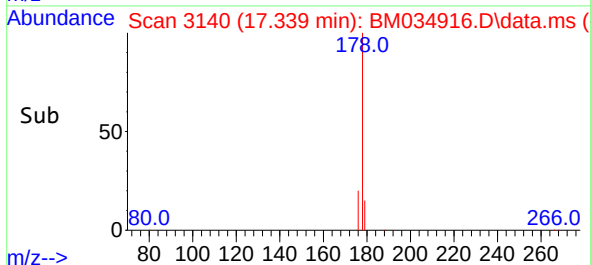
Reviewed By :Jagrut Upadhyay 05/04/2022
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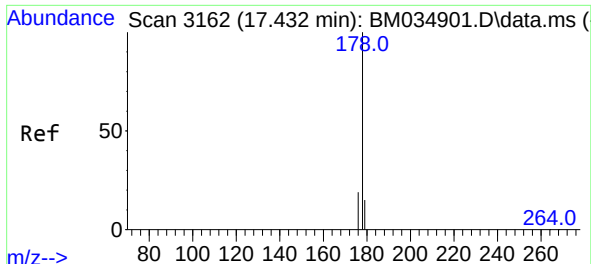


#15
Phenanthrene
Concen: 1.731 ng/uI
RT: 17.339 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



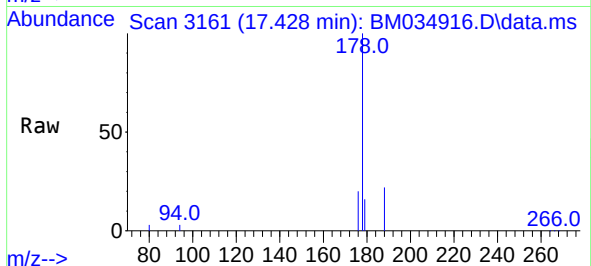
Tgt Ion:178	Resp:	93615	
Ion	Ratio	Lower	Upper
178	100		
179	15.7	15.0	22.6
176	19.8	17.9	26.9





#16
 Anthracene
 Concen: 0.784 ng/u1
 RT: 17.428 min Scan# 3162
 Delta R.T. -0.004 min
 Lab File: BM034916.D
 Acq: 04 May 2022 06:54

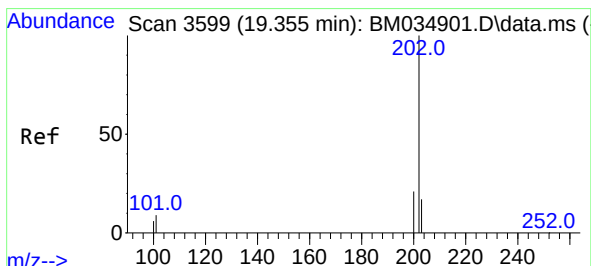
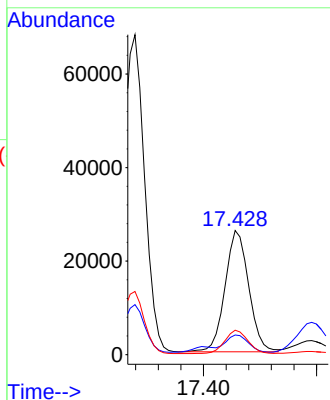
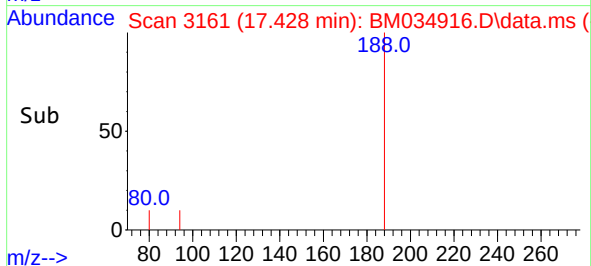
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 BFFJ1



Tgt Ion:178 Resp: 3778
 Ion Ratio Lower Upper
 178 100
 179 15.9 16.5 24.7
 176 19.7 18.3 27.5

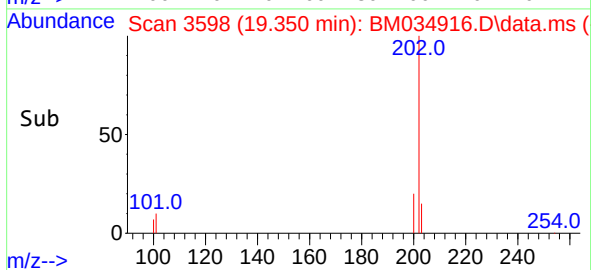
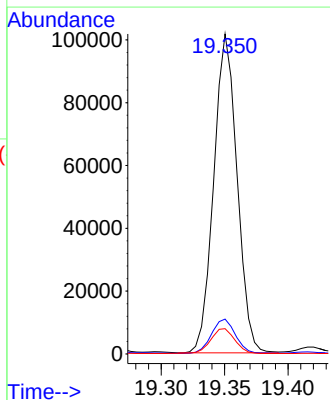
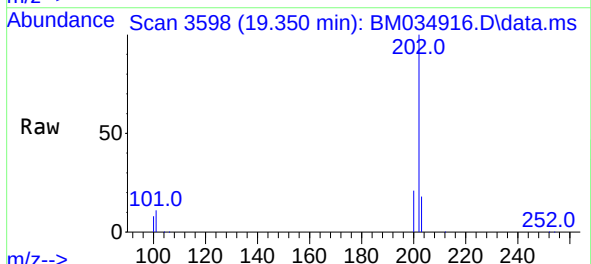
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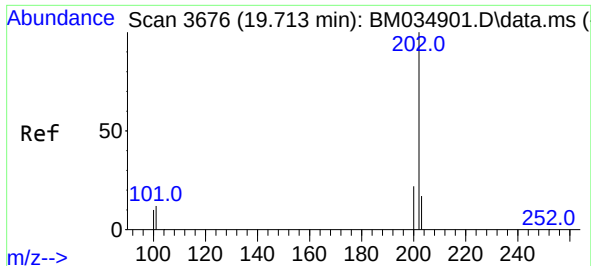
Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022



#19
 Fluoranthene
 Concen: 2.338 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM034916.D
 Acq: 04 May 2022 06:54

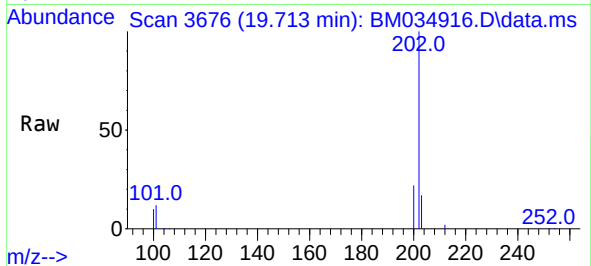
Tgt Ion:202 Resp: 129902
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.2 13.8
 100 7.9 7.2 10.8





#20
Pyrene
Concen: 4.511 ng/u1
RT: 19.713 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

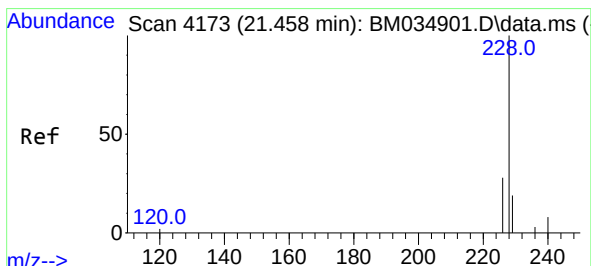
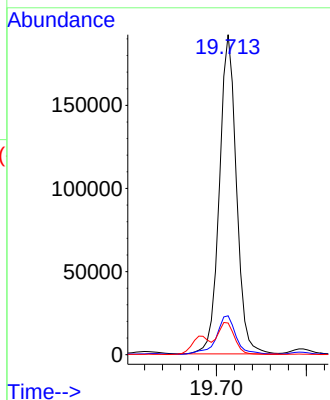
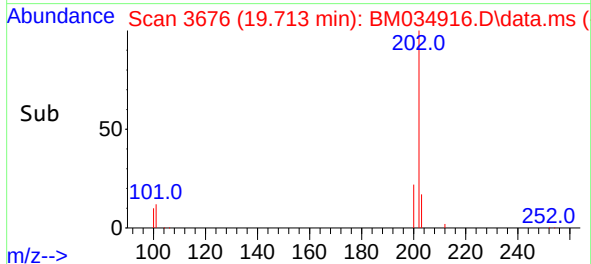
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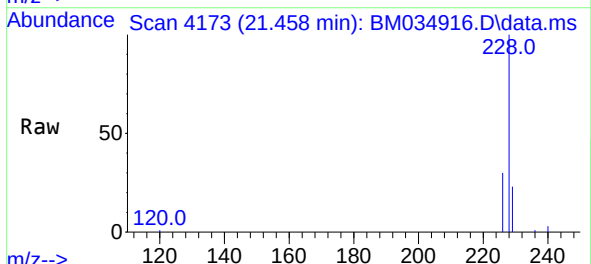
Tgt Ion:202 Resp: 25168
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.9 7.8 11.6

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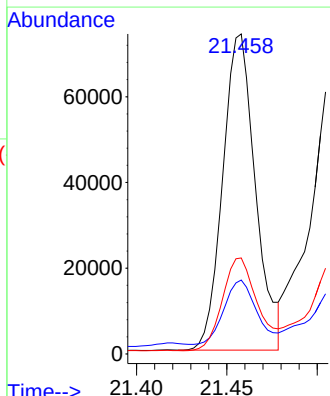
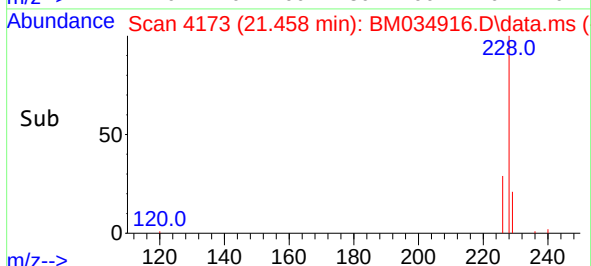
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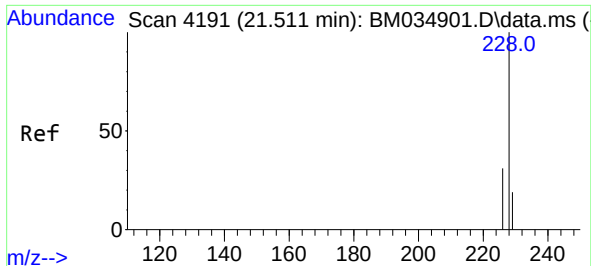


#21
Benzo(a)anthracene
Concen: 2.065 ng/u1
RT: 21.458 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



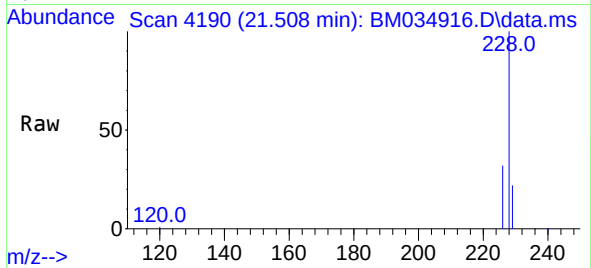
Tgt Ion:228 Resp: 92973
Ion Ratio Lower Upper
228 100
229 23.1 17.3 25.9
226 30.0 23.2 34.8





#22
Chrysene
Concen: 2.059 ng/ul
RT: 21.508 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

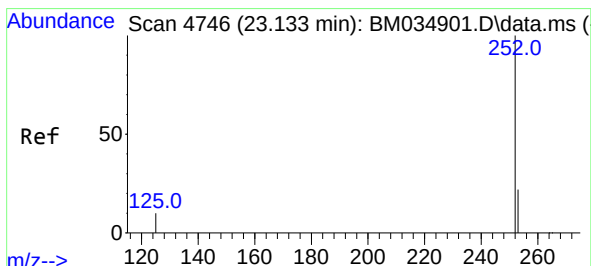
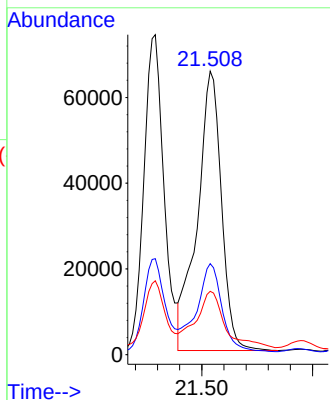
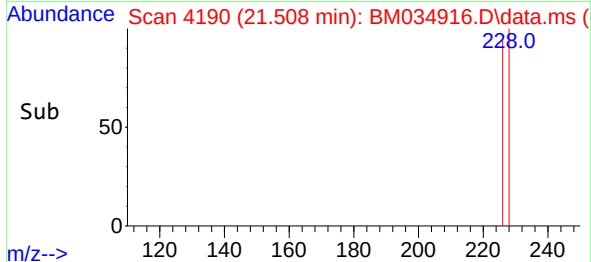
Instrument :
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ClientSampleId :
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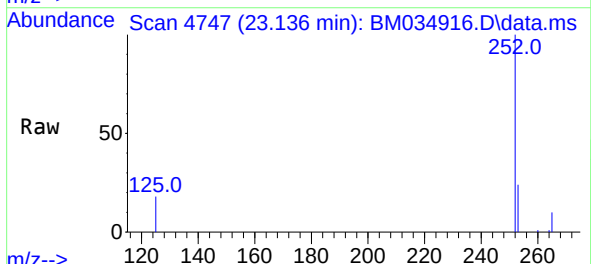
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Ion Ratio Lower Upper
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226 32.1 25.8 38.8
229 22.3 16.7 25.1

Manual Integrations
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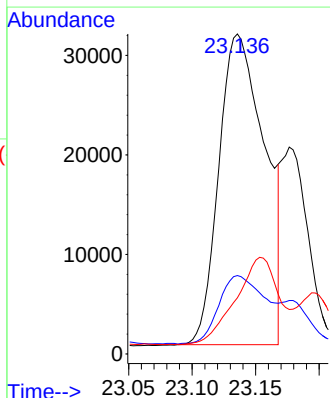
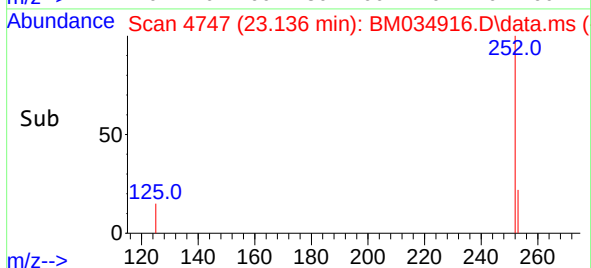
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

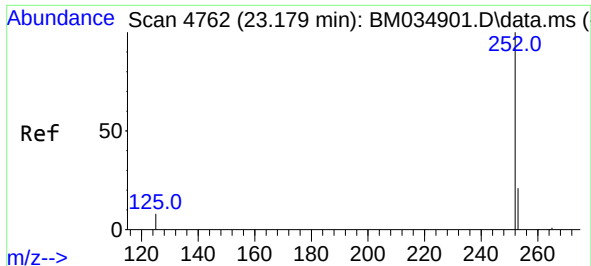


#24
Benzo(b)fluoranthene
Concen: 1.510 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



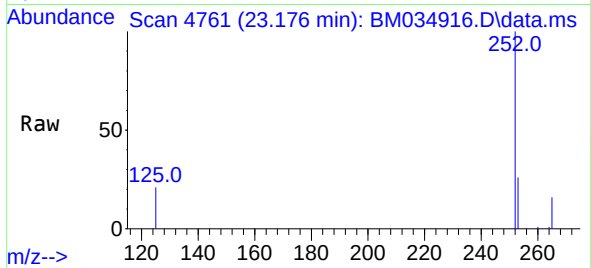
Tgt Ion:252 Resp: 78499
Ion Ratio Lower Upper
252 100
253 24.5 0.0 64.2
125 17.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.554 ng/ul m
RT: 23.176 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

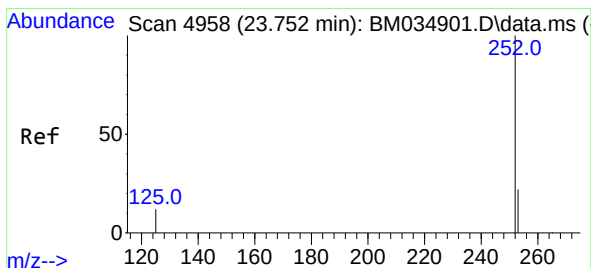
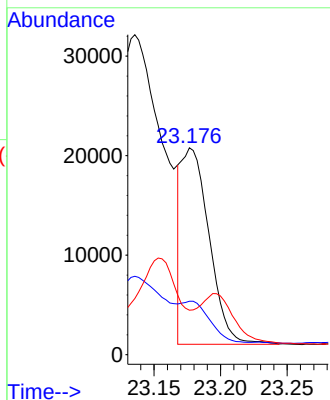
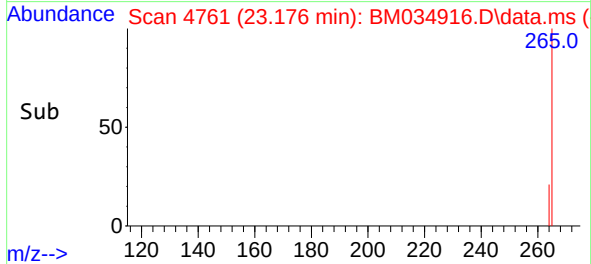
Instrument :
BNA_M
ClientSampleId :
BFFJ1



Tgt Ion:252 Resp: 2875
Ion Ratio Lower Upper
252 100
253 25.8 26.8 40.2
125 21.5 12.0 18.0

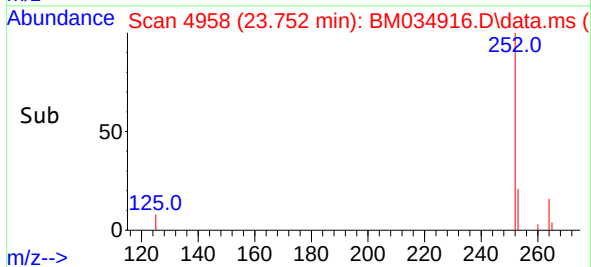
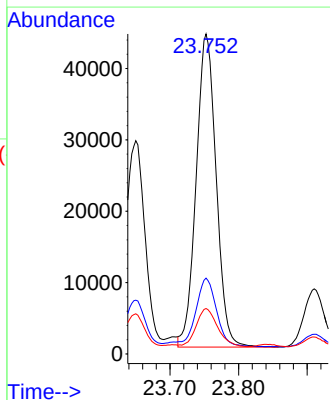
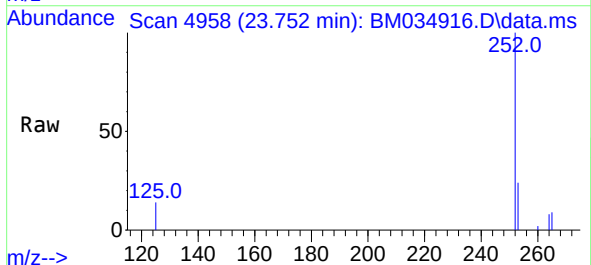
Manual Integrations
APPROVED

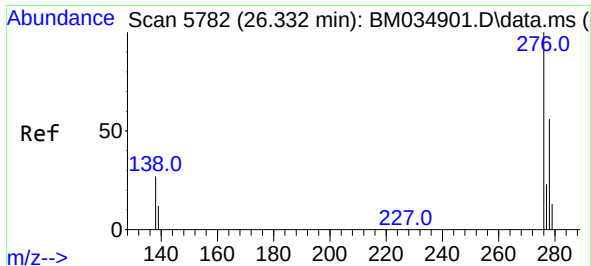
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#26
Benzo(a)pyrene
Concen: 2.096 ng/ul
RT: 23.752 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

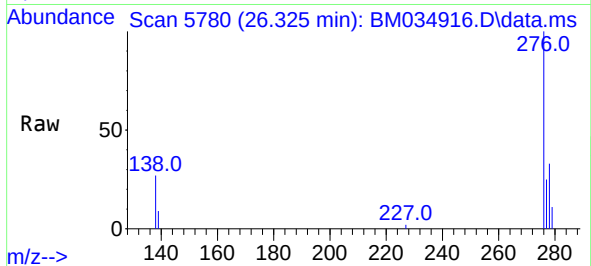
Tgt Ion:252 Resp: 88901
Ion Ratio Lower Upper
252 100
253 23.7 32.0 48.0#
125 14.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.807 ng/ul
RT: 26.325 min Scan# 5782
Delta R.T. -0.010 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

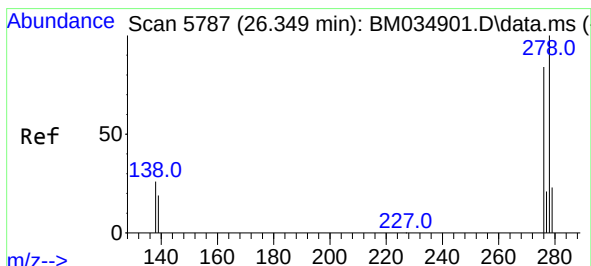
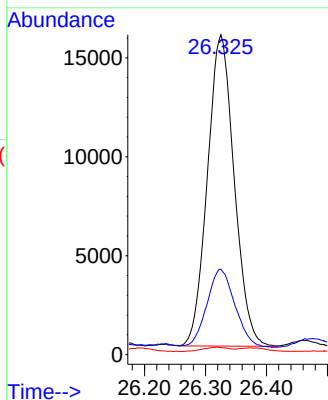
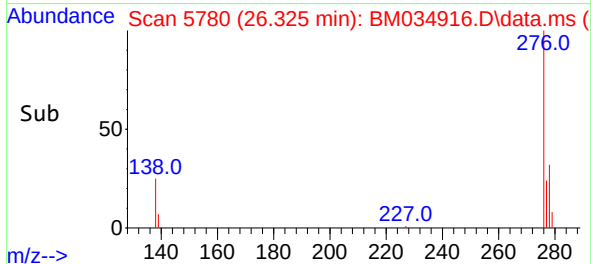
Instrument :
BNA_M
ClientSampleId :
BFFJ1



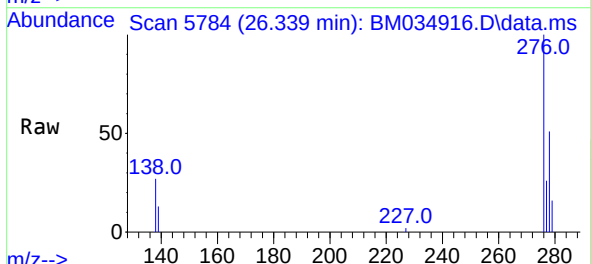
Tgt Ion:276 Resp: 48034
Ion Ratio Lower Upper
276 100
138 26.4 15.8 23.6
227 1.4 0.0 0.0

Manual Integrations
APPROVED

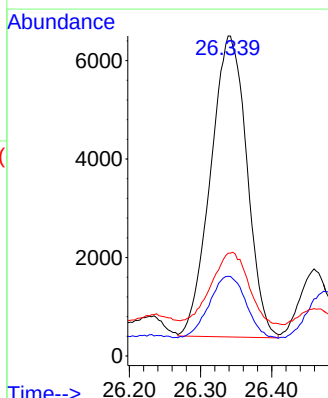
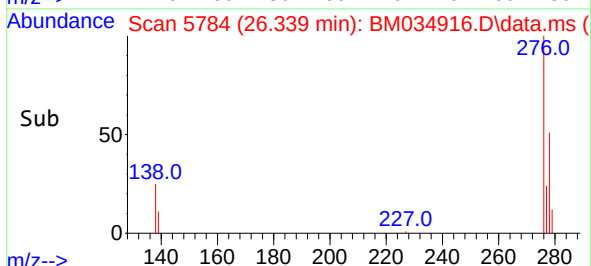
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

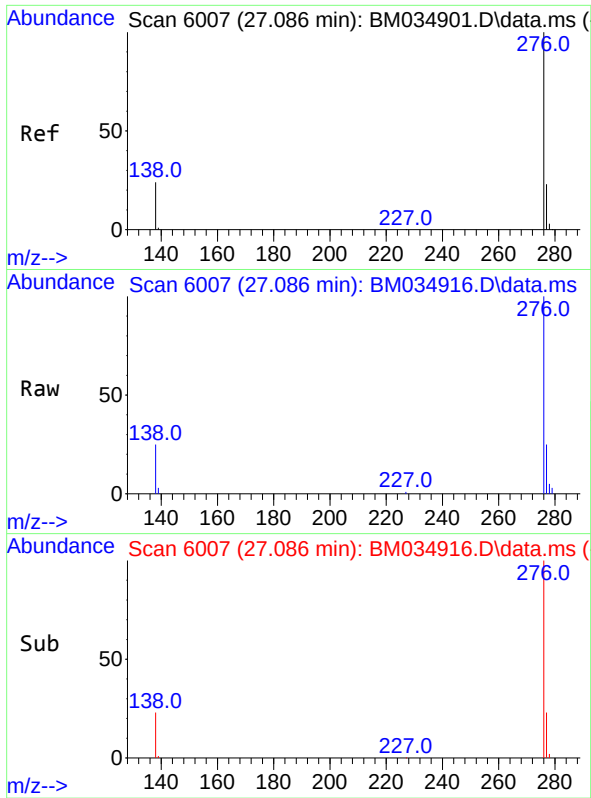


#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.014 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54



Tgt Ion:278 Resp: 21604
Ion Ratio Lower Upper
278 100
139 24.9 18.0 27.0
279 32.1 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 1.009 ng/ul
RT: 27.086 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM034916.D
Acq: 04 May 2022 06:54

Instrument :
BNA_M
ClientSampleId :
BFFJ1

Tgt Ion:276 Resp: 5186
Ion Ratio Lower Upper
276 100
138 25.4 17.4 26.0
277 24.6 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

