

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034888.D
 Acq On : 03 May 2022 13:32
 Operator : CG/JU
 Sample : N2562-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW468

Manual Integrations
 APPROVED

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

Quant Time: May 04 03:00:45 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	5027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	13397	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	7247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	13963	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.477	240	11915	0.400	ng/ul	# 0.00
23) Perylene-d12	23.865	264	11351	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	14839	2.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3081	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	5669	0.151	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.782	128	1116	0.029	ng/ul#	93
7) 2-Methylnaphthalene	12.393	142	626	0.025	ng/ul	96
8) 1-Methylnaphthalene	12.607	142	521	0.021	ng/ul	98
10) Acenaphthylene	14.279	152	3259	0.103	ng/ul	96
11) Acenaphthene	14.621	153	3606	0.135	ng/ul	96
12) Fluorene	15.607	166	3710	0.123	ng/ul	99
14) Pentachlorophenol	16.955	266	413	0.100	ng/ul	94
15) Phenanthrene	17.343	178	100410	2.175	ng/ul	93
16) Anthracene	17.432	178	24224	0.589	ng/ul#	92
19) Fluoranthene	19.354	202	256742	4.488	ng/ul	97
20) Pyrene	19.717	202	213993	3.725	ng/ul	100
21) Benzo(a)anthracene	21.462	228	112280	2.422	ng/ul	98
22) Chrysene	21.515	228	111035	2.247	ng/ul	98
24) Benzo(b)fluoranthene	23.142	252	147330	2.843	ng/ul	89
25) Benzo(k)fluoranthene	23.183	252	48434m	0.935	ng/ul	
26) Benzo(a)pyrene	23.759	252	89491	2.116	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.333	276	61932	1.043	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.350	278	15666	0.324	ng/ul#	92
29) Benzo(g,h,i)perylene	27.098	276	51149	0.998	ng/ul	94

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

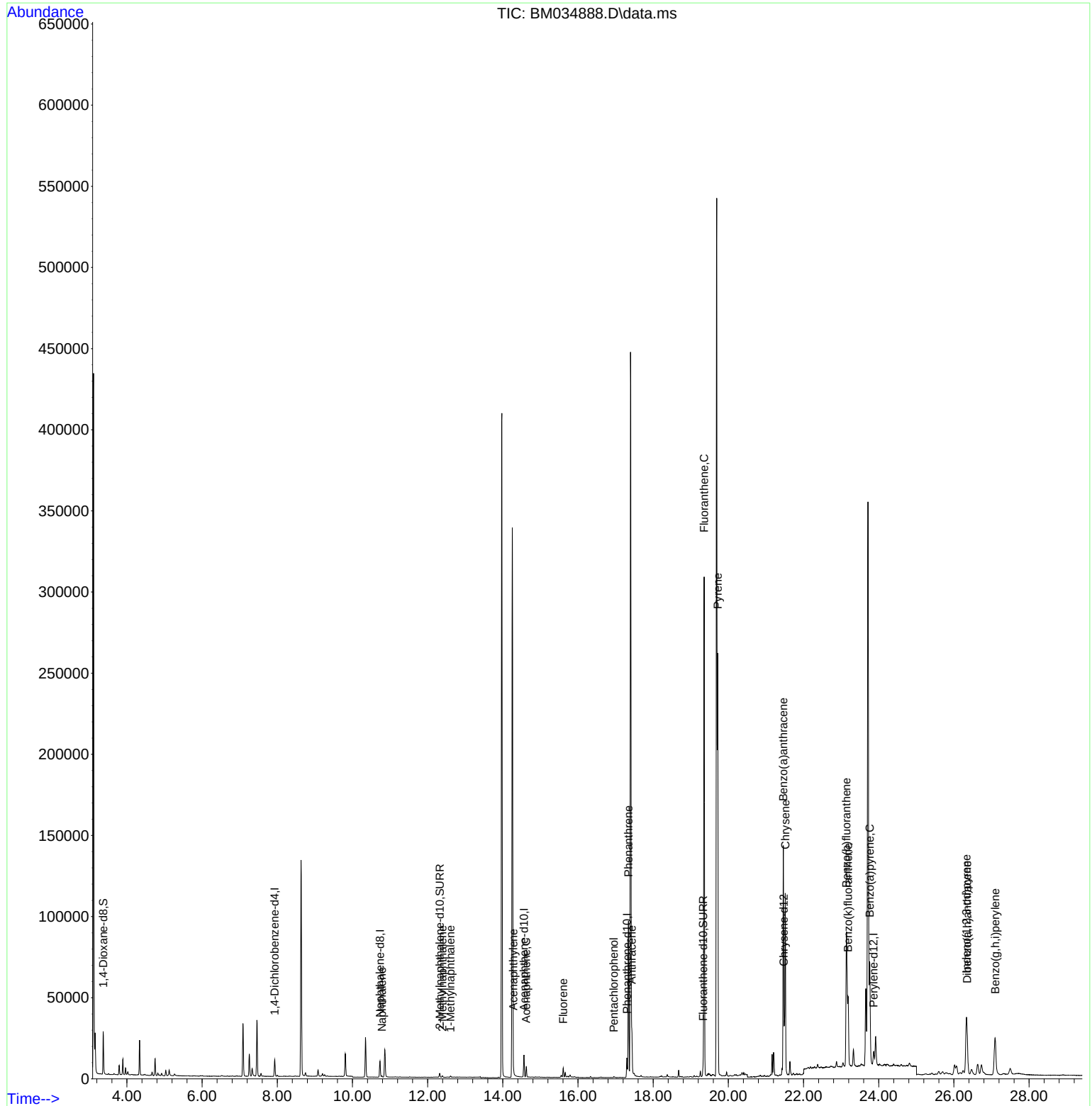
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034888.D
Acq On : 03 May 2022 13:32
Operator : CG/JU
Sample : N2562-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

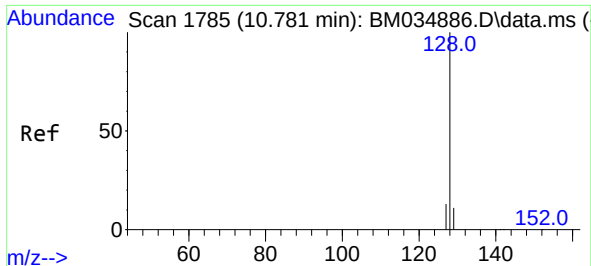
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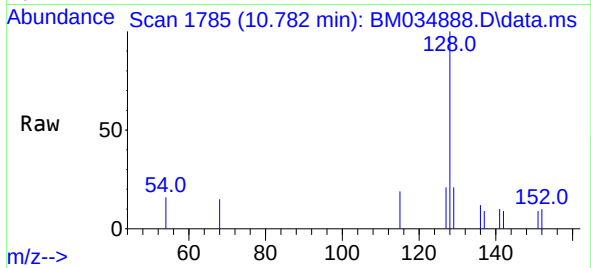
Quant Time: May 04 03:00:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.782 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

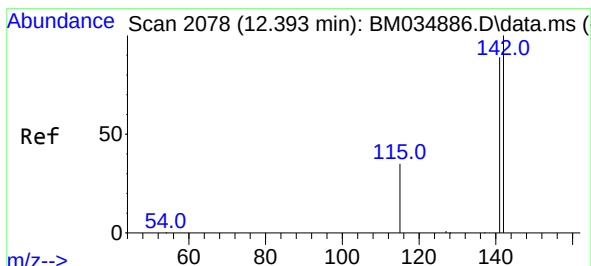
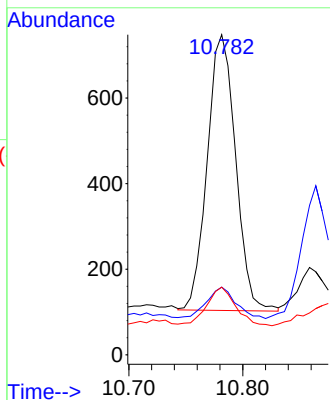
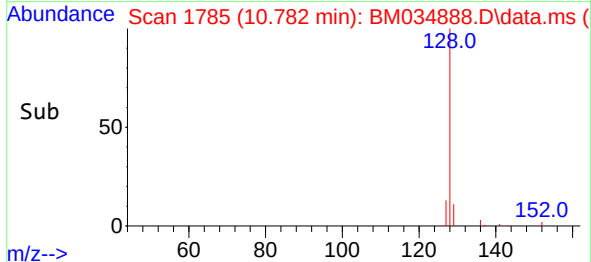
Instrument :
BNA_M
ClientSampleId :
EW468



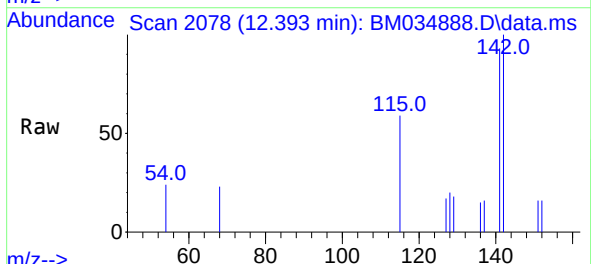
Tgt Ion:128 Resp: 1110
Ion Ratio Lower Upper
128 100
129 21.1 13.4 20.2
127 21.1 15.2 22.8

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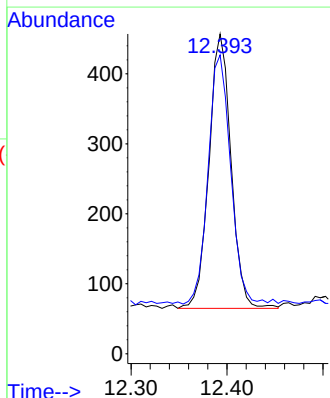
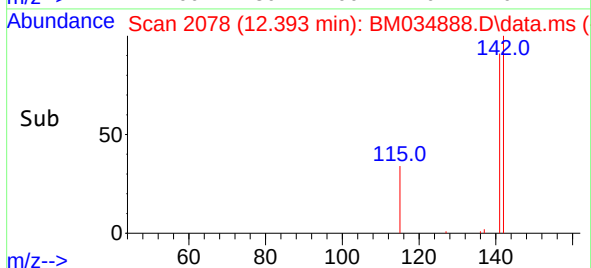
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

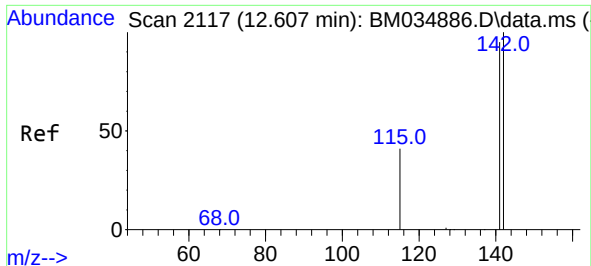


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



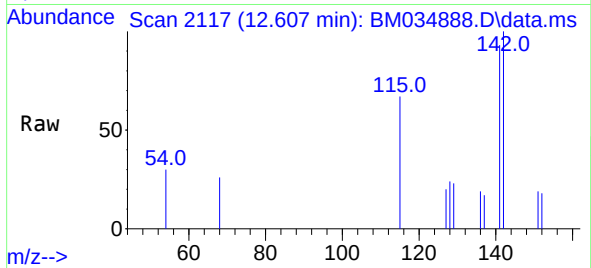
Tgt Ion:142 Resp: 626
Ion Ratio Lower Upper
142 100
141 93.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

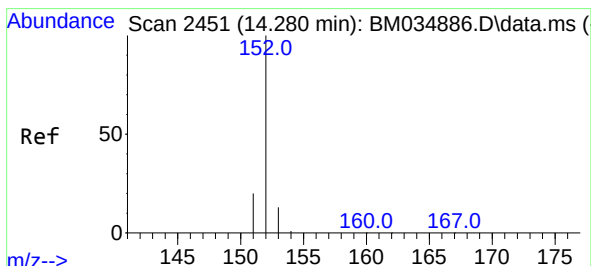
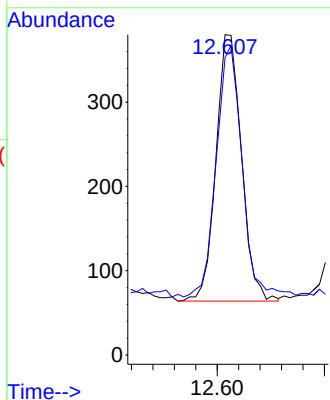
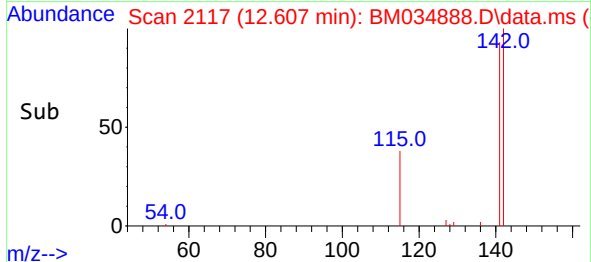
Instrument :
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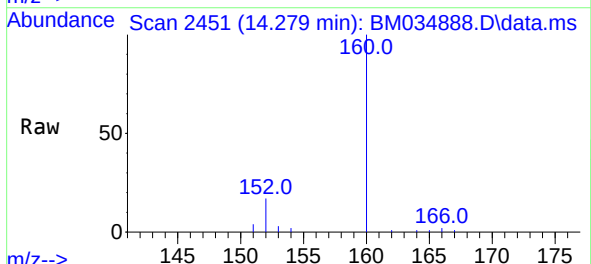
Tgt Ion:142 Resp: 521
Ion Ratio Lower Upper
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141 95.4 75.0 112.4

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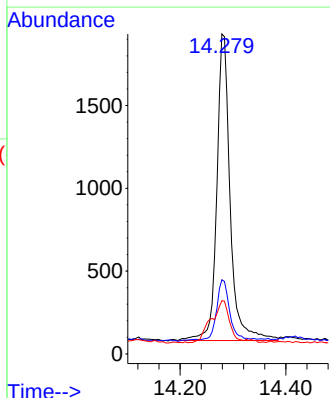
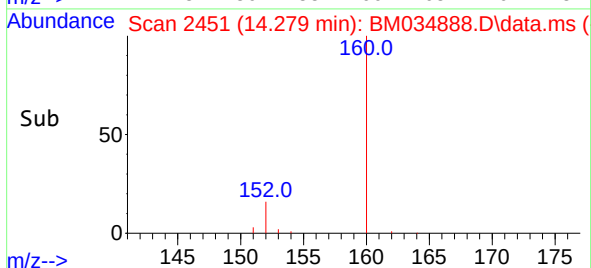
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

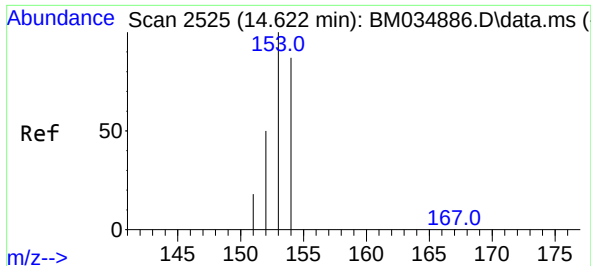


#10
Acenaphthylene
Concen: 0.103 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



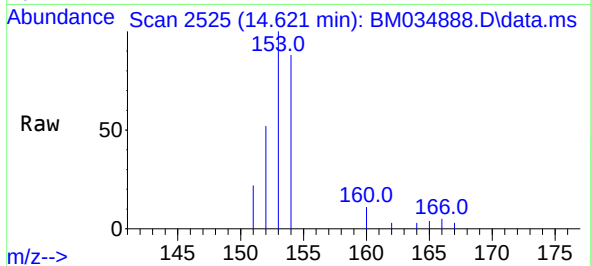
Tgt Ion:152 Resp: 3259
Ion Ratio Lower Upper
152 100
151 23.2 19.9 29.9
153 16.7 15.0 22.4





#11
Acenaphthene
Concen: 0.135 ng/u1
RT: 14.621 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

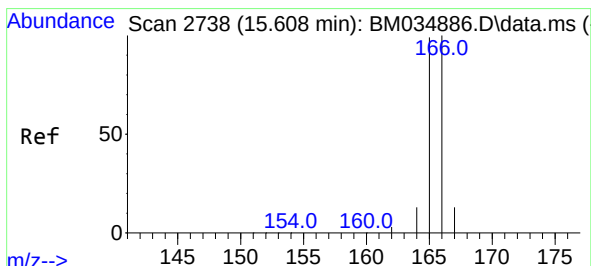
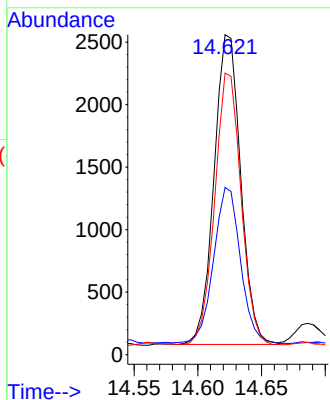
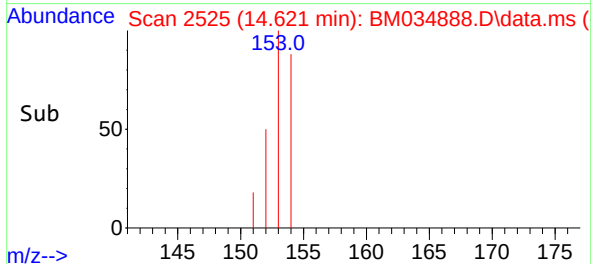
Instrument :
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ClientSampleId :
EW468



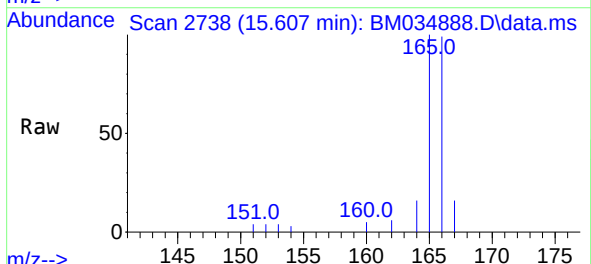
Tgt Ion:153 Resp: 3600
Ion Ratio Lower Upper
153 100
152 52.3 42.4 63.6
154 88.0 66.2 99.2

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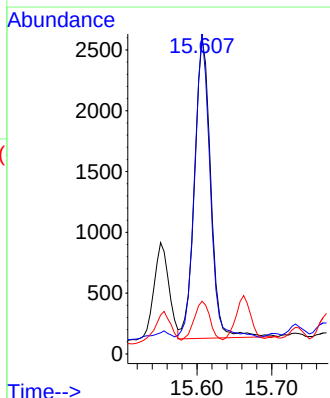
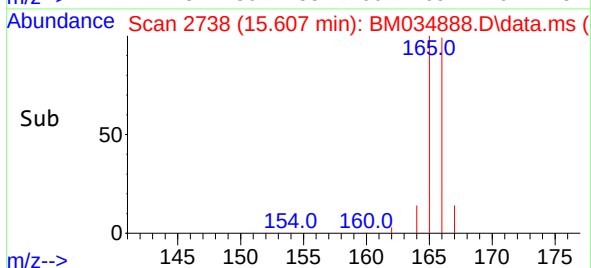
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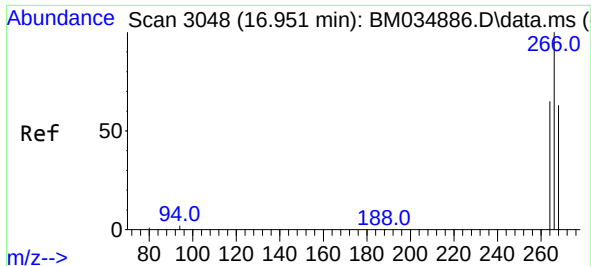


#12
Fluorene
Concen: 0.123 ng/u1
RT: 15.607 min Scan# 2738
Delta R.T. -0.001 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



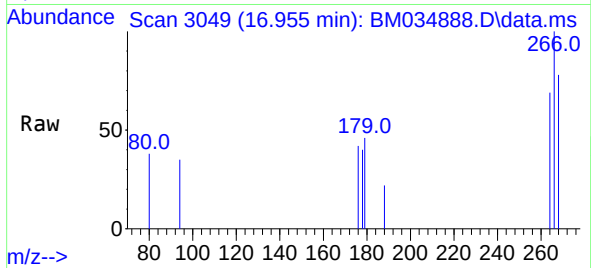
Tgt Ion:166 Resp: 3710
Ion Ratio Lower Upper
166 100
165 101.4 81.1 121.7
167 16.7 14.9 22.3





#14
Pentachlorophenol
Concen: 0.100 ng/ul
RT: 16.955 min Scan# 3048
Delta R.T. 0.003 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

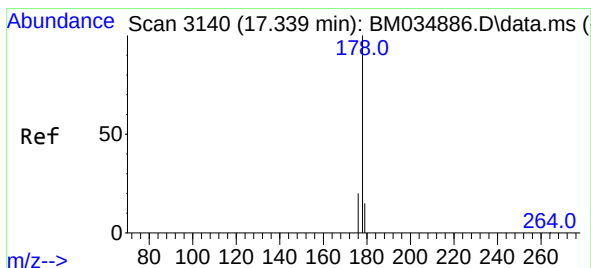
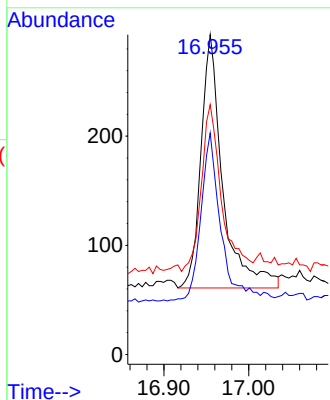
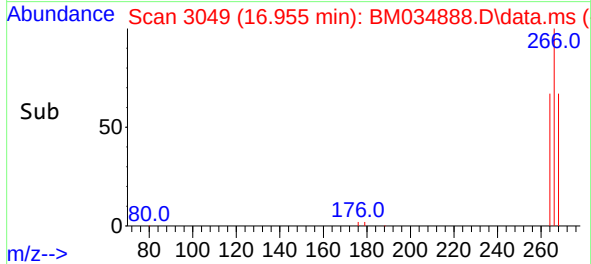
Instrument :
BNA_M
ClientSampleId :
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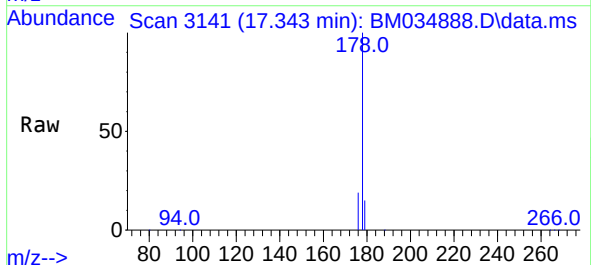
Tgt Ion:266 Resp: 411
Ion Ratio Lower Upper
266 100
264 59.6 51.4 77.0
268 61.0 53.1 79.7

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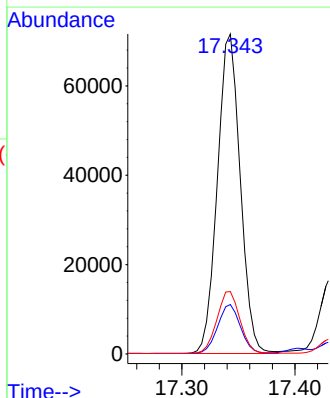
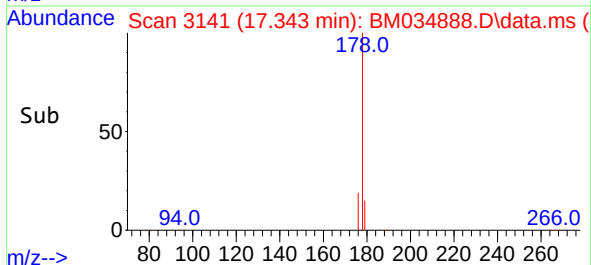
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Supervised By :Yogesh Patel 05/05/2022

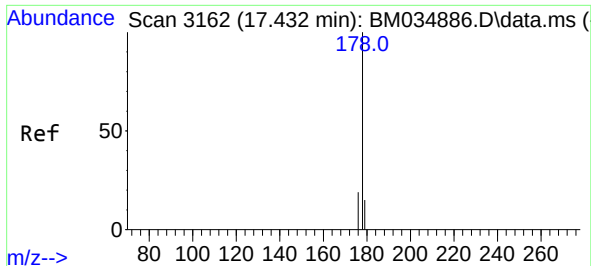


#15
Phenanthrene
Concen: 2.175 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



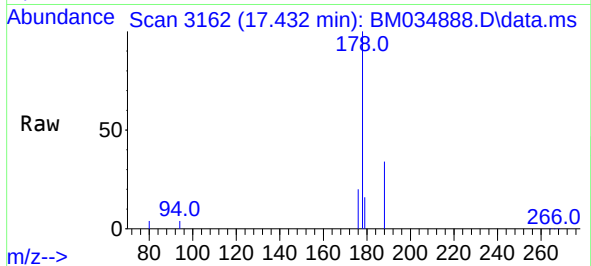
Tgt Ion:178 Resp: 100410
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.5 17.9 26.9





#16
 Anthracene
 Concen: 0.589 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.001 min
 Lab File: BM034888.D
 Acq: 03 May 2022 13:32

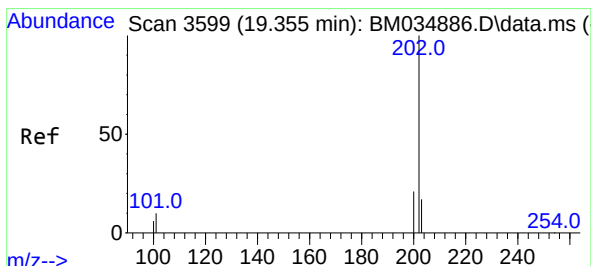
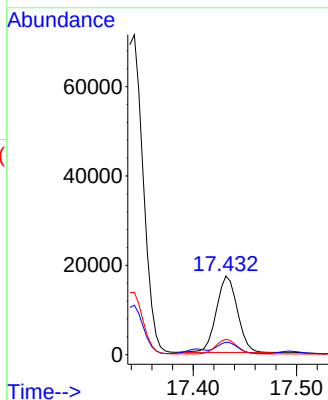
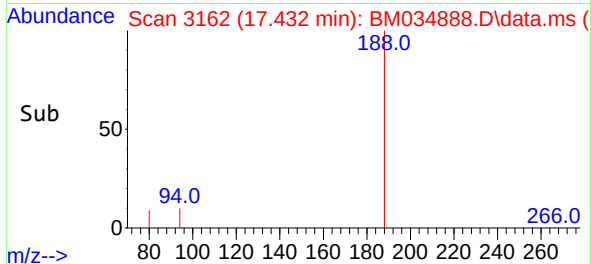
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Tgt Ion:178 Resp: 24224
 Ion Ratio Lower Upper
 178 100
 179 15.9 16.5 24.7
 176 19.6 18.3 27.5

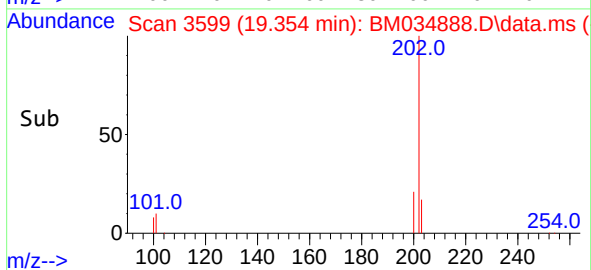
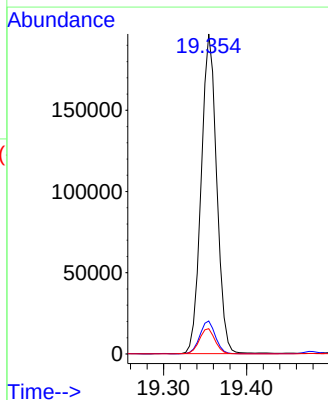
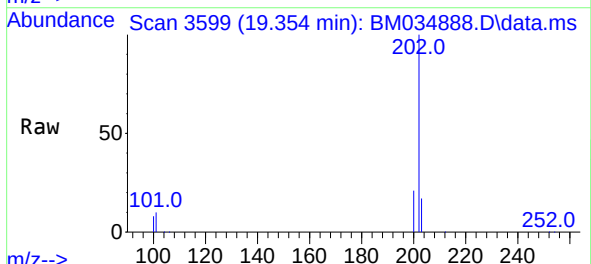
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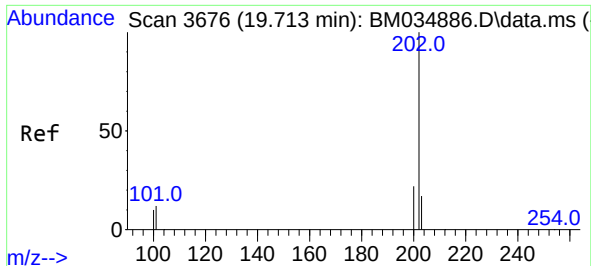
Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022



#19
 Fluoranthene
 Concen: 4.488 ng/ul
 RT: 19.354 min Scan# 3599
 Delta R.T. -0.001 min
 Lab File: BM034888.D
 Acq: 03 May 2022 13:32

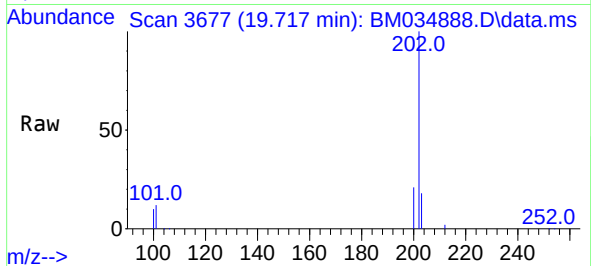
Tgt Ion:202 Resp: 256742
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.2 13.8
 100 7.9 7.2 10.8





#20
Pyrene
Concen: 3.725 ng/ul
RT: 19.717 min Scan# 30
Delta R.T. 0.004 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

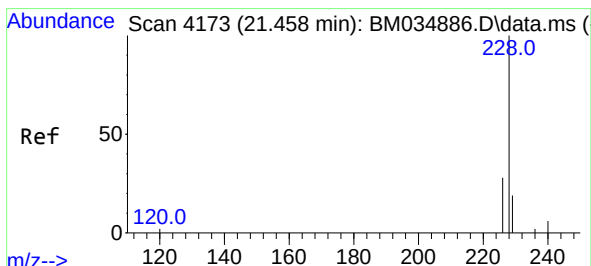
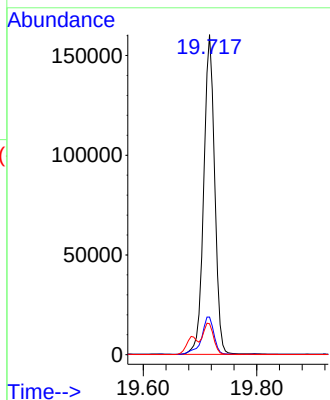
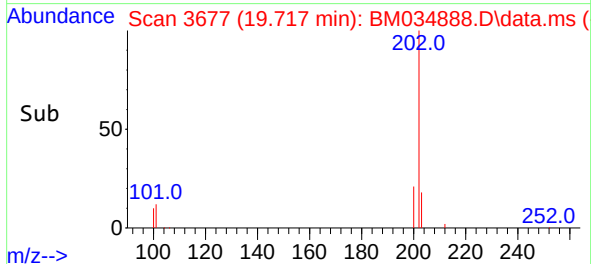
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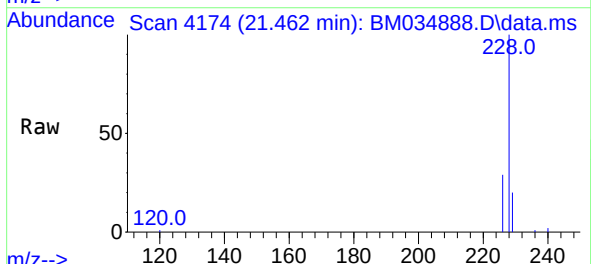
Tgt Ion:202 Resp: 21399
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.6 7.8 11.6

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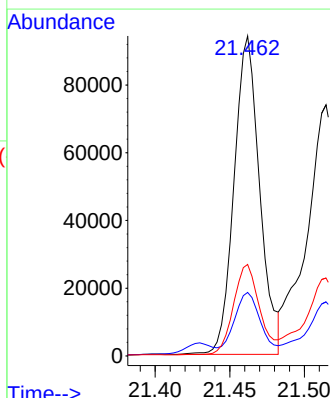
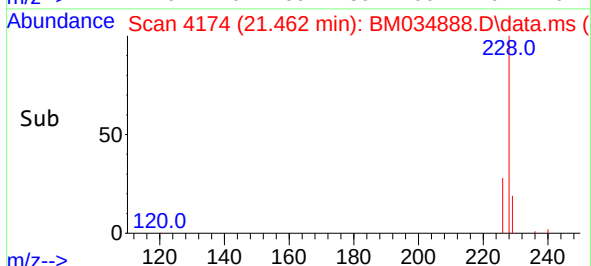
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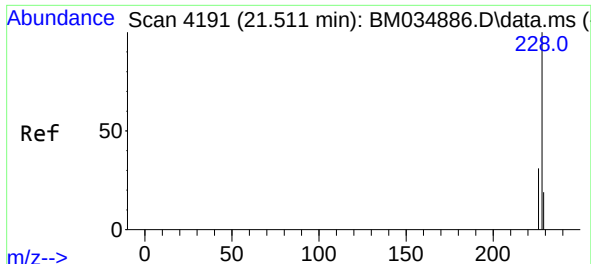


#21
Benzo(a)anthracene
Concen: 2.422 ng/ul
RT: 21.462 min Scan# 4174
Delta R.T. 0.004 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



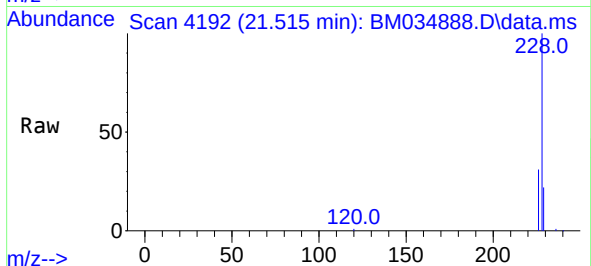
Tgt Ion:228 Resp: 112280
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 28.6 23.2 34.8





#22
Chrysene
Concen: 2.247 ng/ul
RT: 21.515 min Scan# 4192
Delta R.T. 0.004 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

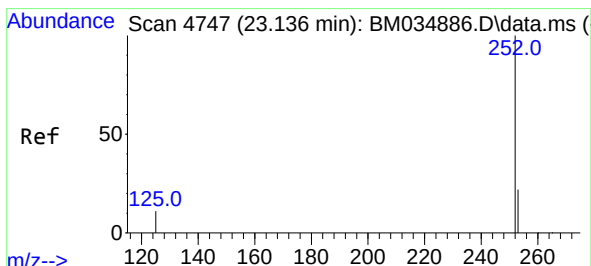
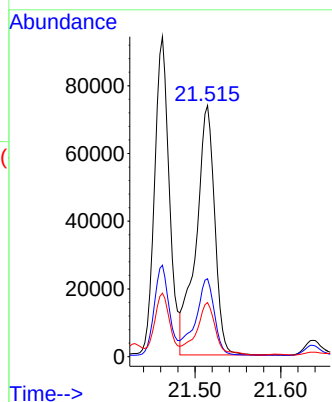
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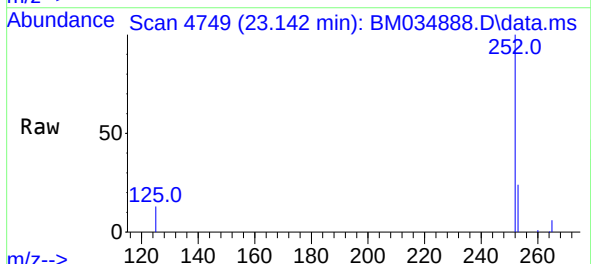
Tgt Ion:228 Resp: 111035
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 21.5 16.7 25.1

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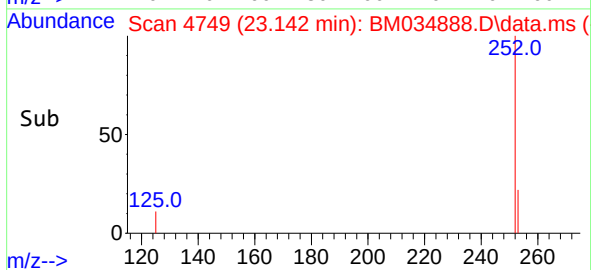
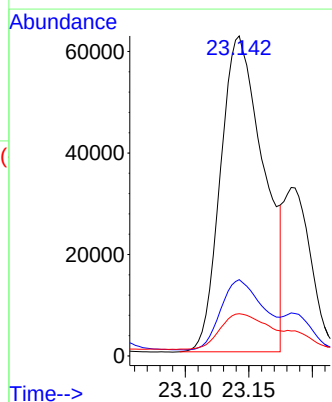
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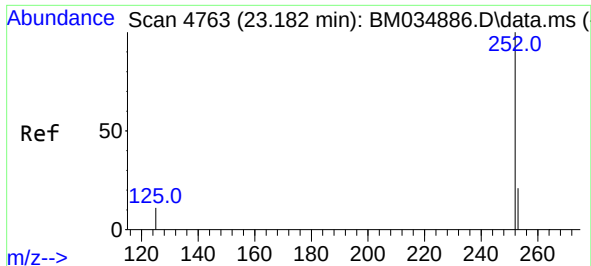


#24
Benzo(b)fluoranthene
Concen: 2.843 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. 0.007 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



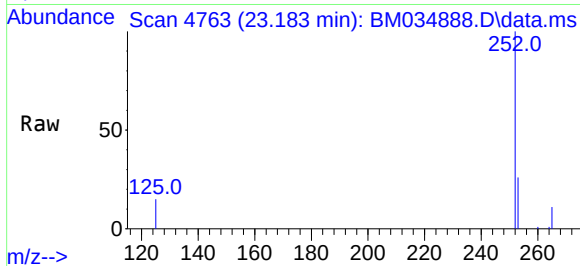
Tgt Ion:252 Resp: 147330
Ion Ratio Lower Upper
252 100
253 23.8 0.0 64.2
125 13.2 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.935 ng/ul m
RT: 23.183 min Scan# 4763
Delta R.T. 0.001 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

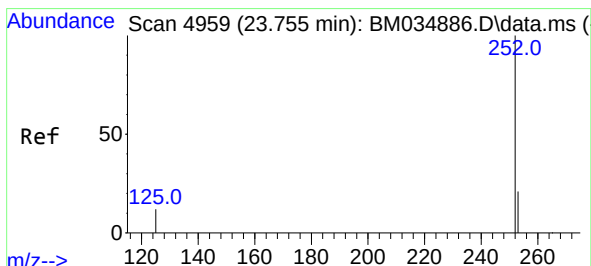
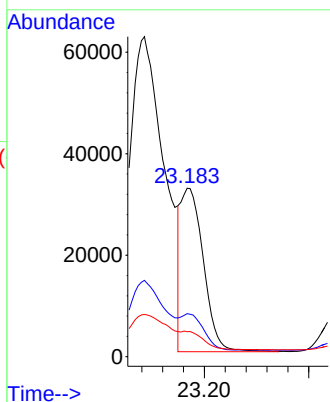
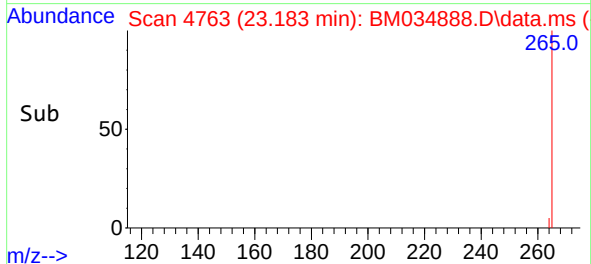
Instrument :
BNA_M
ClientSampleId :
EW468



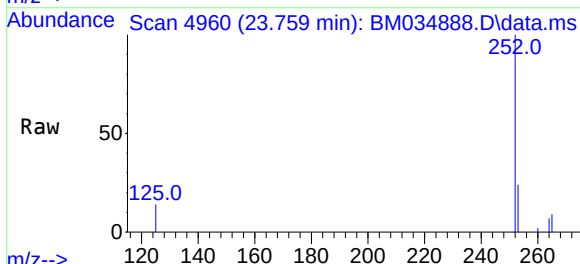
Tgt Ion:252 Resp: 48434
Ion Ratio Lower Upper
252 100
253 25.5 26.8 40.2#
125 14.8 12.0 18.0

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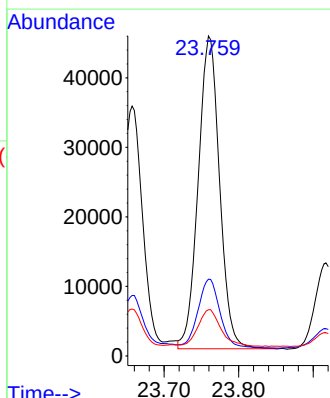
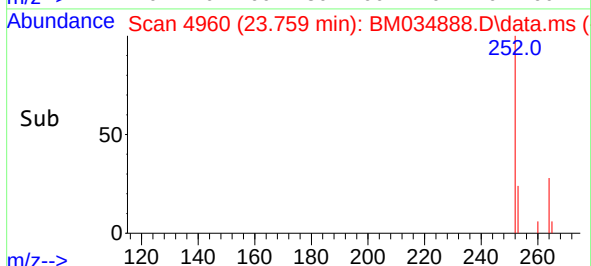
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

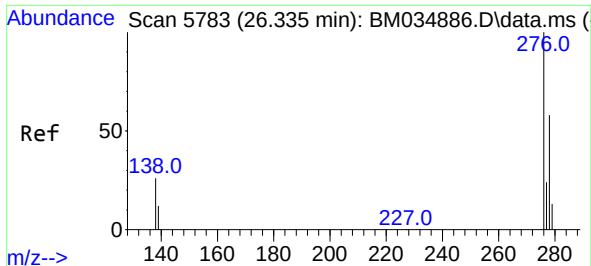


#26
Benzo(a)pyrene
Concen: 2.116 ng/ul
RT: 23.759 min Scan# 4960
Delta R.T. 0.004 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



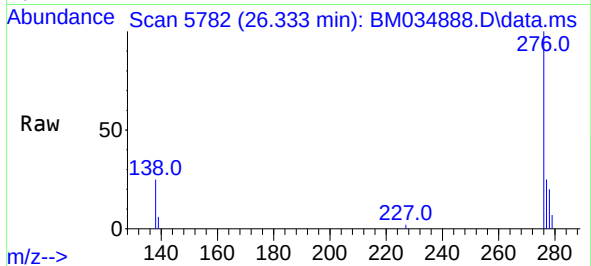
Tgt Ion:252 Resp: 89491
Ion Ratio Lower Upper
252 100
253 24.0 32.0 48.0#
125 14.5 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.043 ng/ul
RT: 26.333 min Scan# 5783
Delta R.T. -0.002 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

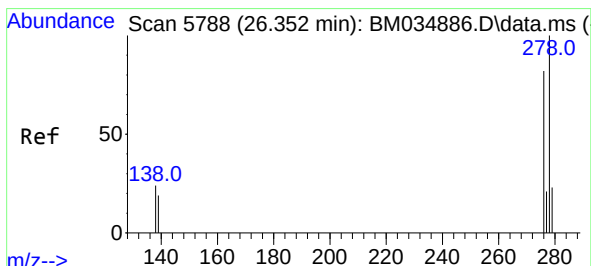
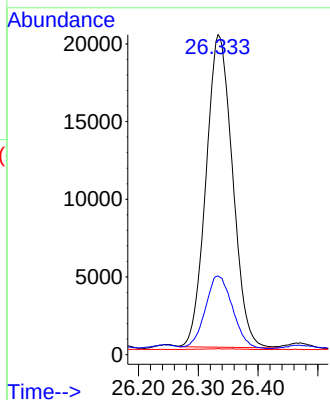
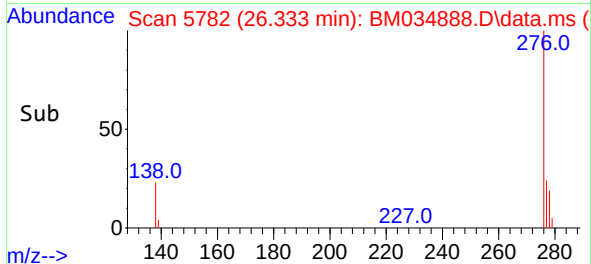
Instrument :
BNA_M
ClientSampleId :
EW468



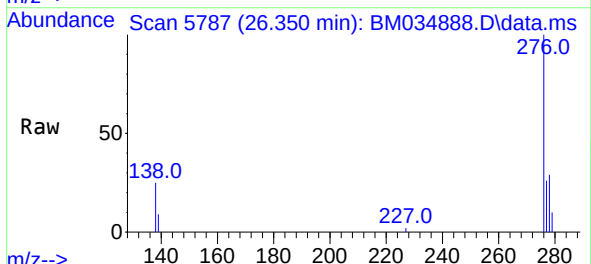
Tgt Ion:276 Resp: 61932
Ion Ratio Lower Upper
276 100
138 24.1 15.8 23.6
227 0.3 0.0 0.0

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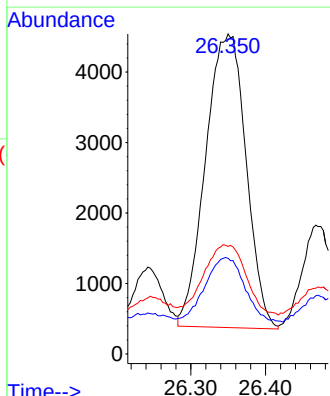
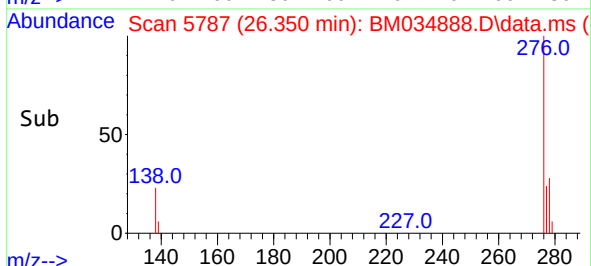
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

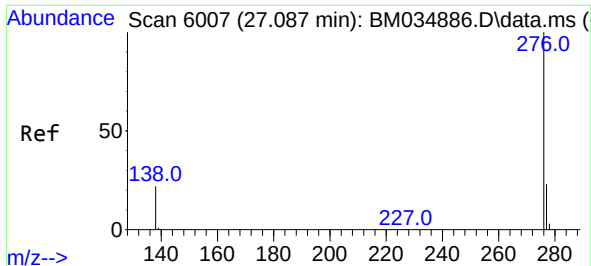


#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.350 min Scan# 5787
Delta R.T. -0.002 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32



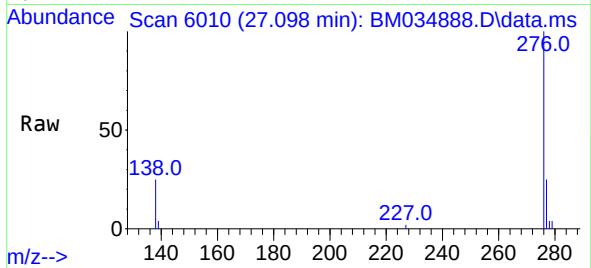
Tgt Ion:278 Resp: 15666
Ion Ratio Lower Upper
278 100
139 29.9 18.0 27.0
279 33.6 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 0.998 ng/ul
RT: 27.098 min Scan# 6010
Delta R.T. 0.011 min
Lab File: BM034888.D
Acq: 03 May 2022 13:32

Instrument :
BNA_M
ClientSampleId :
EW468



Tgt Ion:276 Resp: 51149
Ion Ratio Lower Upper
276 100
138 24.9 17.4 26.0
277 25.0 22.6 33.8

Manual Integrations
APPROVED

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

