

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034889.D
 Acq On : 03 May 2022 14:08
 Operator : CG/JU
 Sample : N2562-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW467

Manual Integrations
 APPROVED

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

Quant Time: May 04 03:00:55 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	7.934	152	5592	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.732	136	14841	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.562	164	8223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	15785	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.476	240	12668	0.400	ng/ul	# 0.00
23) Perylene-d12	23.861	264	12605	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	14227	2.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3365	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	7253	0.182	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.781	128	5474	0.129	ng/ul#	92
7) 2-Methylnaphthalene	12.393	142	3271	0.116	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	3390	0.122	ng/ul	100
10) Acenaphthylene	14.280	152	48951	1.362	ng/ul#	90
11) Acenaphthene	14.622	153	37098	1.220	ng/ul	94
12) Fluorene	15.608	166	57206	1.670	ng/ul#	96
14) Pentachlorophenol	16.955	266	186	0.040	ng/ul	90
15) Phenanthrene	17.344	178	1498410	28.714	ng/ul	93
16) Anthracene	17.432	178	342599	7.369	ng/ul#	90
19) Fluoranthene	19.355	202	2530291	41.606	ng/ul	97
20) Pyrene	19.718	202	2005682	32.838	ng/ul	100
21) Benzo(a)anthracene	21.461	228	972697	19.736	ng/ul	98
22) Chrysene	21.514	228	905923	17.241	ng/ul	98
24) Benzo(b)fluoranthene	23.141	252	1070043	18.592	ng/ul	86
25) Benzo(k)fluoranthene	23.182	252	385028m	6.695	ng/ul	
26) Benzo(a)pyrene	23.758	252	705040	15.011	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.332	276	459801	6.974	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.339	278	114043m	2.125	ng/ul	
29) Benzo(g,h,i)perylene	27.093	276	338023	5.939	ng/ul	94

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

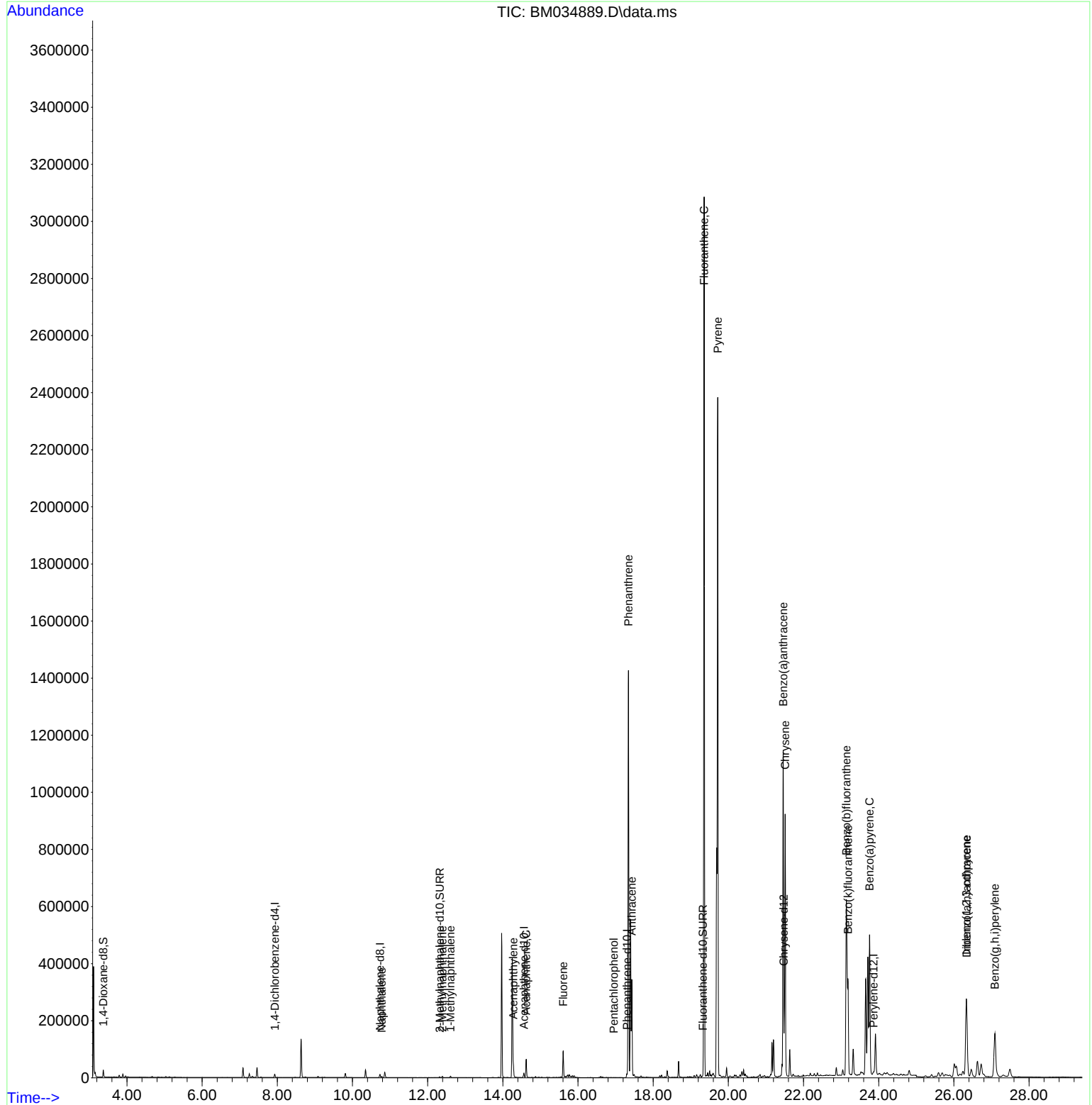
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034889.D
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Operator : CG/JU
Sample : N2562-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

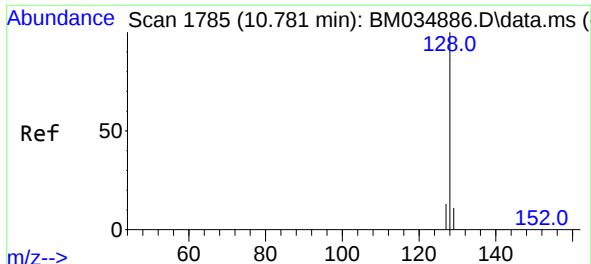
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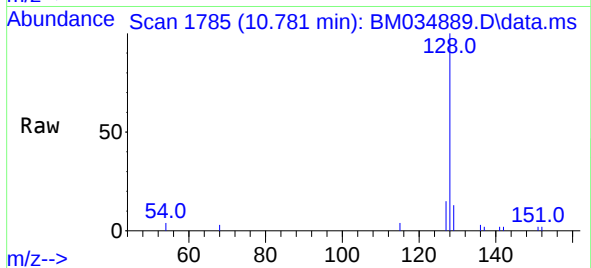
Quant Time: May 04 03:00:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
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#5
Naphthalene
Concen: 0.129 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

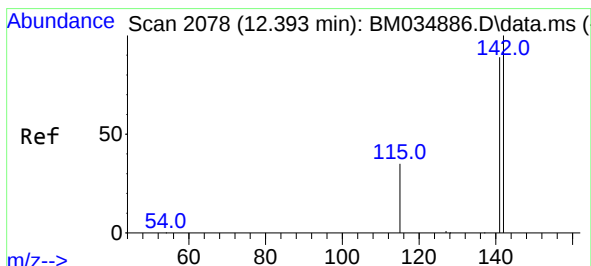
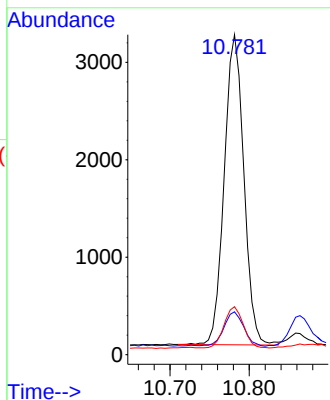
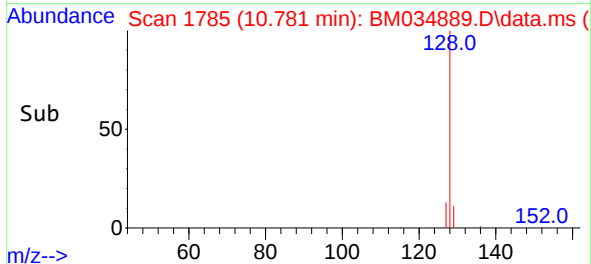
Instrument :
BNA_M
ClientSampleId :
EW467



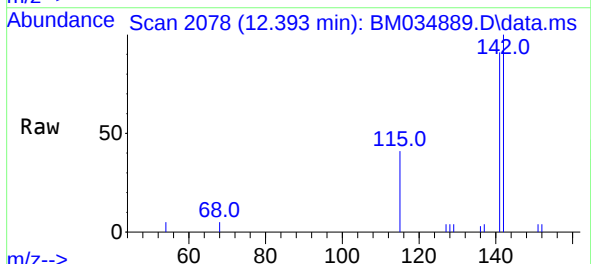
Tgt Ion:128 Resp: 5474
Ion Ratio Lower Upper
128 100
129 13.4 13.4 20.2
127 15.0 15.2 22.8

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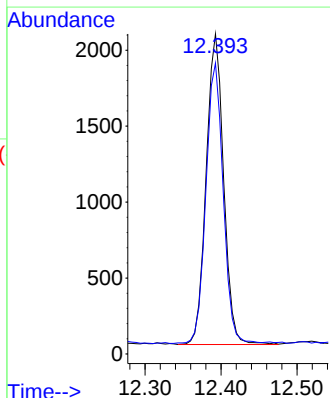
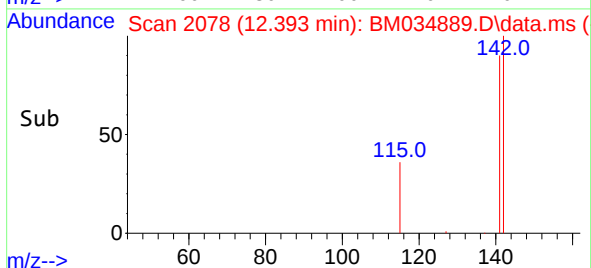
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

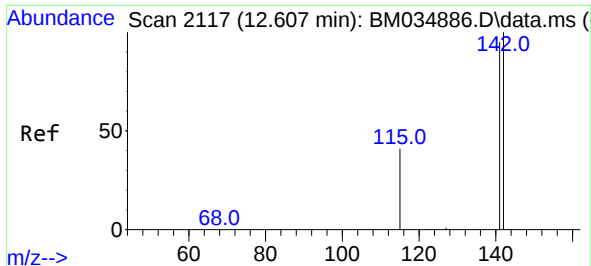


#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



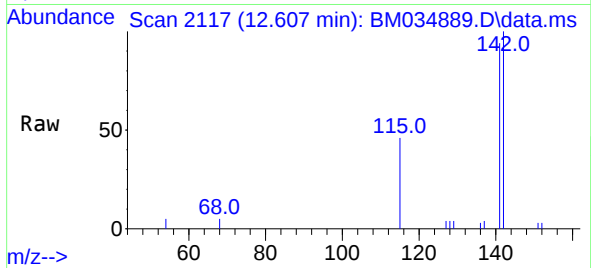
Tgt Ion:142 Resp: 3271
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

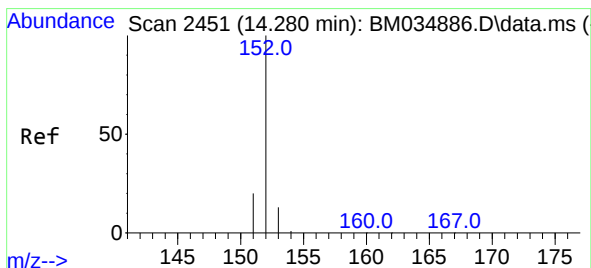
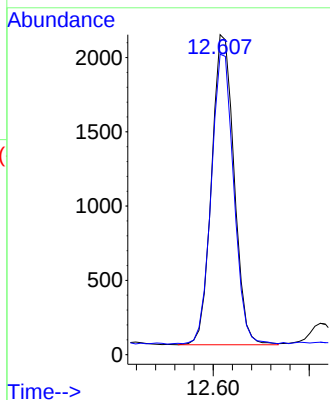
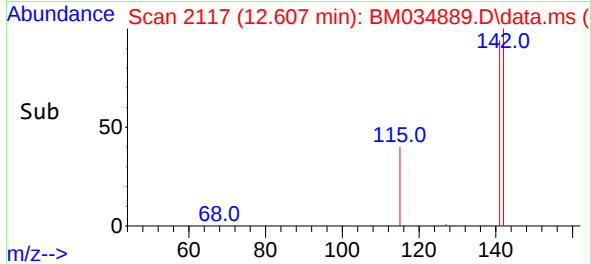
Instrument :
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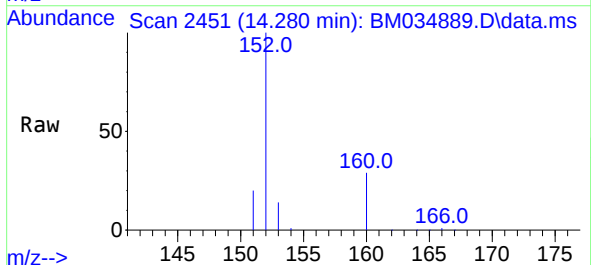
Tgt Ion:142 Resp: 3390
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

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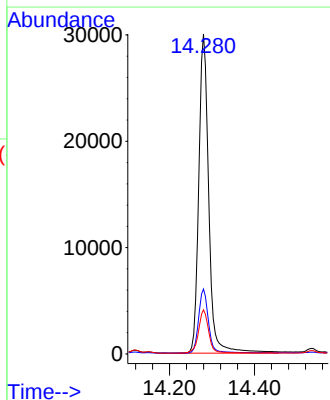
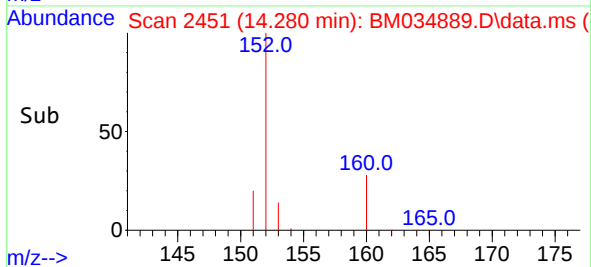
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

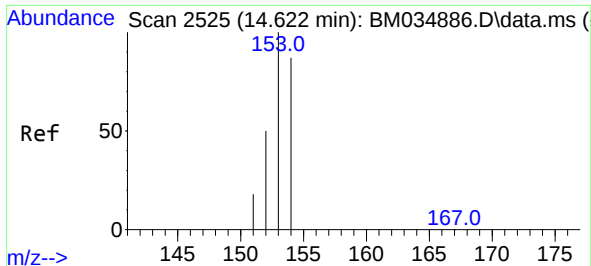


#10
Acenaphthylene
Concen: 1.362 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



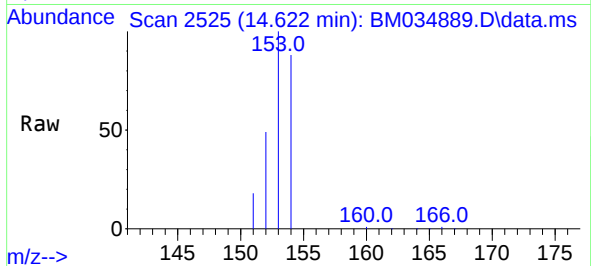
Tgt Ion:152 Resp: 48951
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 13.8 15.0 22.4





#11
Acenaphthene
Concen: 1.220 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

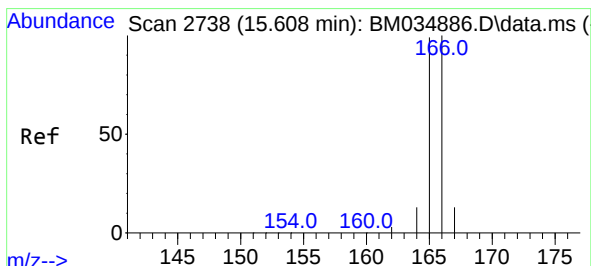
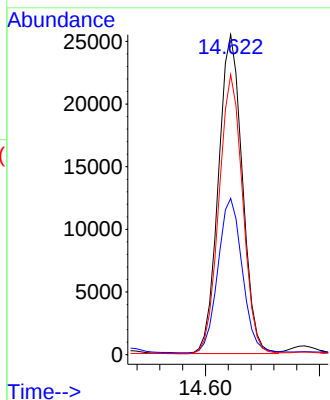
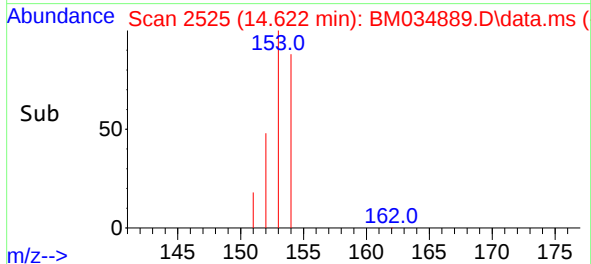
Instrument :
BNA_M
ClientSampleId :
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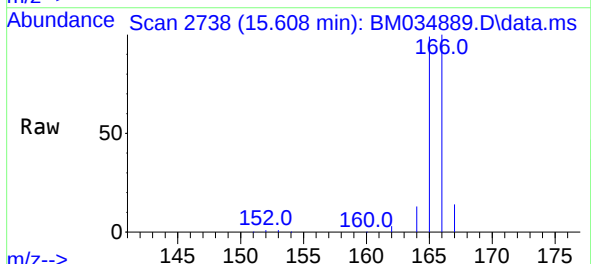
Tgt Ion:153 Resp: 37098
Ion Ratio Lower Upper
153 100
152 48.9 42.4 63.6
154 87.5 66.2 99.2

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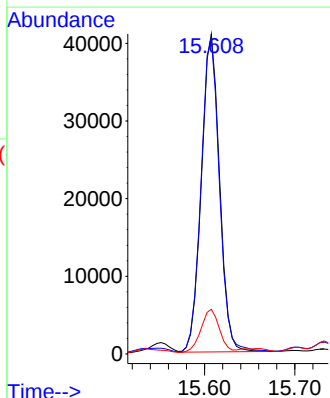
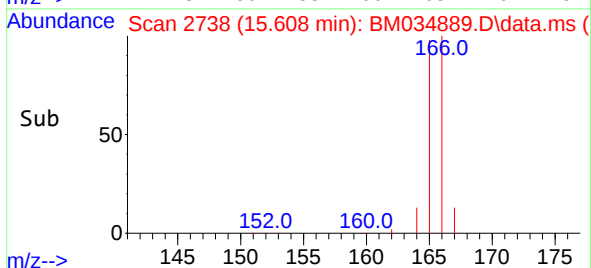
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

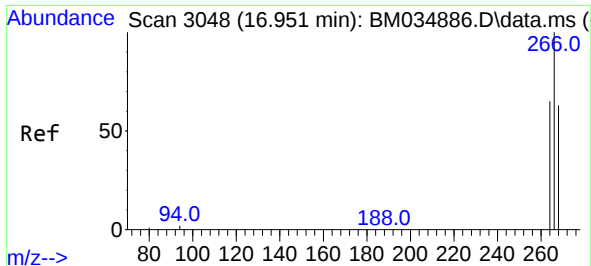


#12
Fluorene
Concen: 1.670 ng/ul
RT: 15.608 min Scan# 2738
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



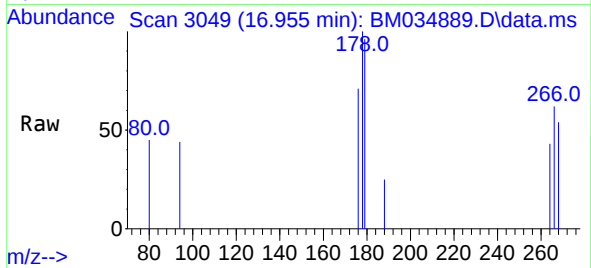
Tgt Ion:166 Resp: 57206
Ion Ratio Lower Upper
166 100
165 98.6 81.1 121.7
167 14.0 14.9 22.3#





#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.955 min Scan# 3048
Delta R.T. 0.004 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

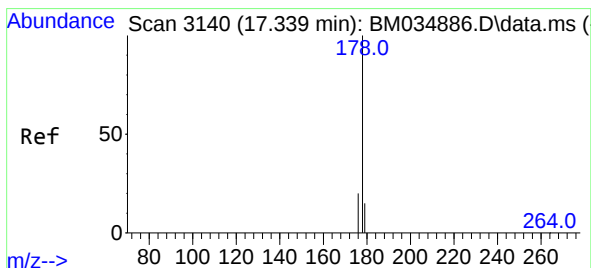
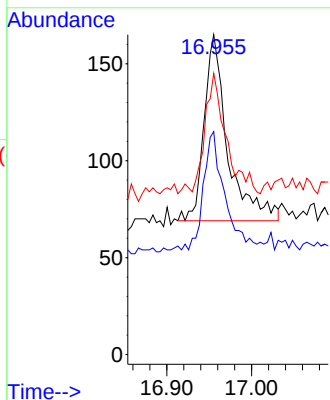
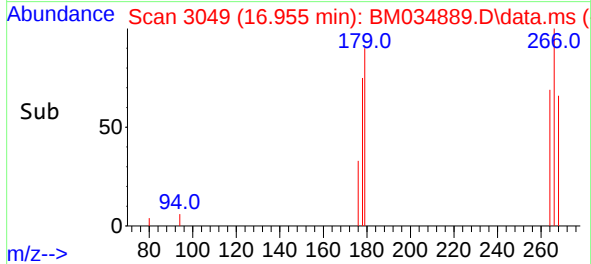
Instrument :
BNA_M
ClientSampleId :
EW467



Tgt Ion:266 Resp: 180
Ion Ratio Lower Upper
266 100
264 57.5 51.4 77.0
268 57.0 53.1 79.7

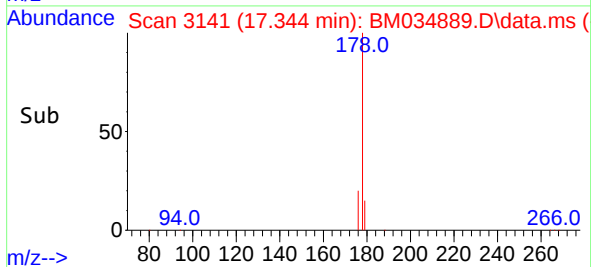
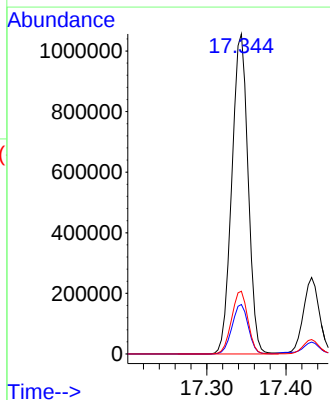
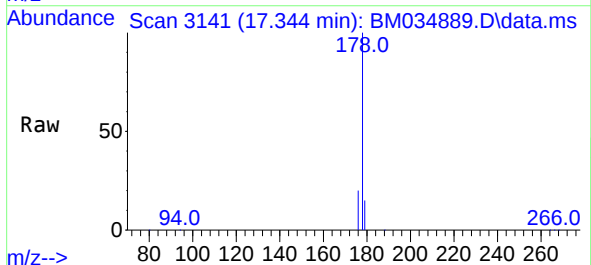
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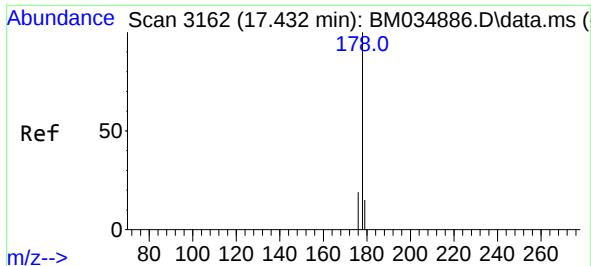
Reviewed By :Jagrut Upadhyay 05/04/2022
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#15
Phenanthrene
Concen: 28.714 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

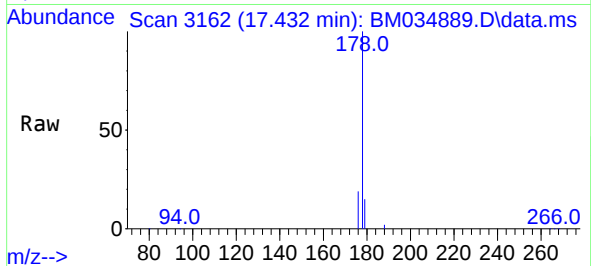
Tgt Ion:178 Resp: 1498410
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 7.369 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: BM034889.D
 Acq: 03 May 2022 14:08

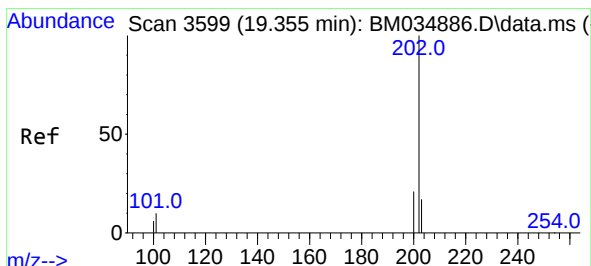
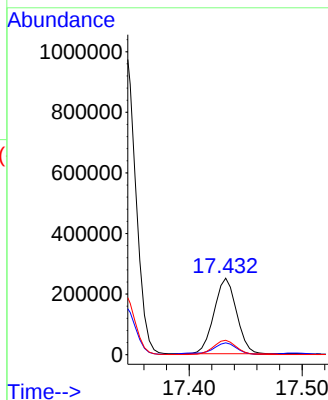
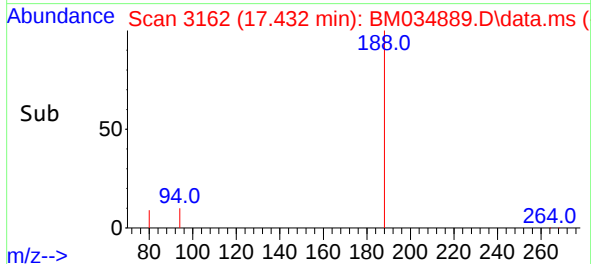
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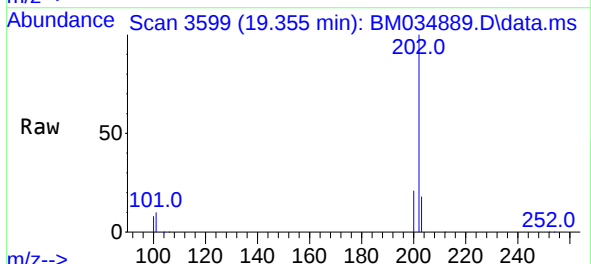
Tgt Ion:178 Resp: 342599
 Ion Ratio Lower Upper
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 179 15.4 16.5 24.7
 176 18.7 18.3 27.5

Manual Integrations
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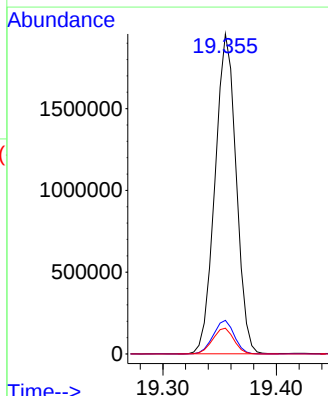
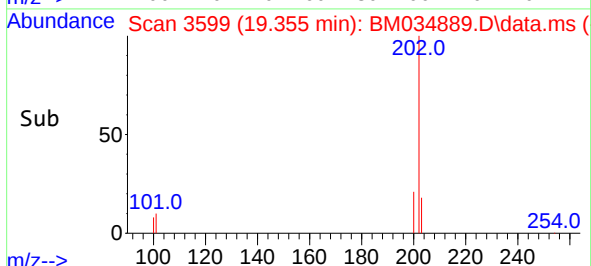
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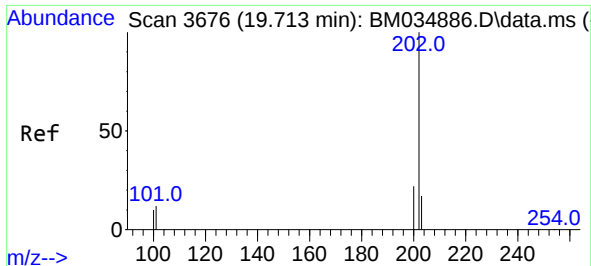


#19
 Fluoranthene
 Concen: 41.606 ng/ul
 RT: 19.355 min Scan# 3599
 Delta R.T. -0.000 min
 Lab File: BM034889.D
 Acq: 03 May 2022 14:08



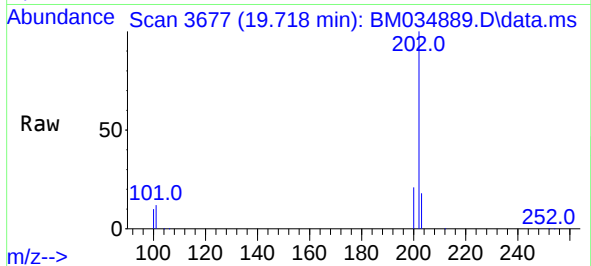
Tgt Ion:202 Resp: 2530291
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.2 13.8
 100 8.0 7.2 10.8





#20
Pyrene
Concen: 32.838 ng/u1
RT: 19.718 min Scan# 30
Delta R.T. 0.005 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

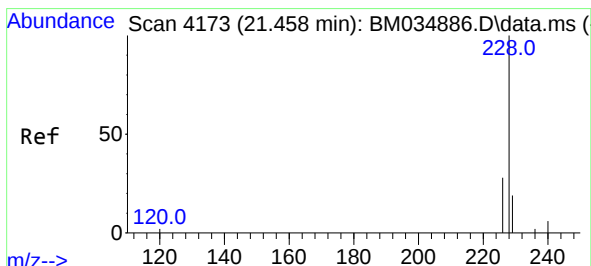
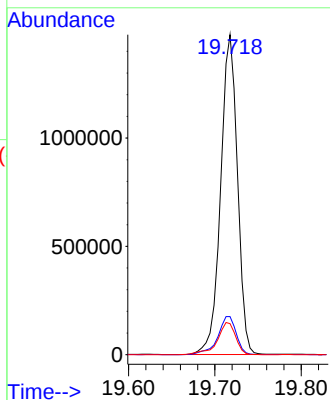
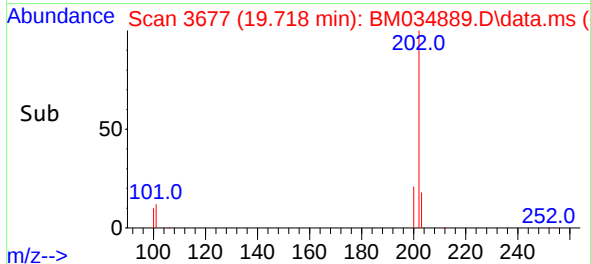
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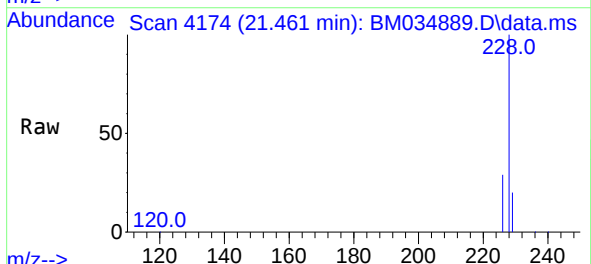
Tgt Ion:202 Resp: 200568
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.7 7.8 11.6

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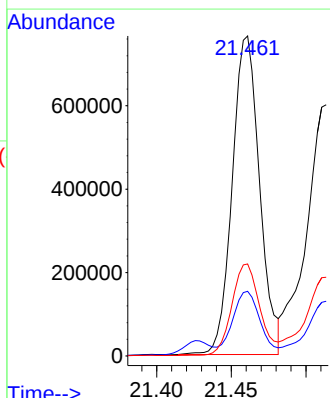
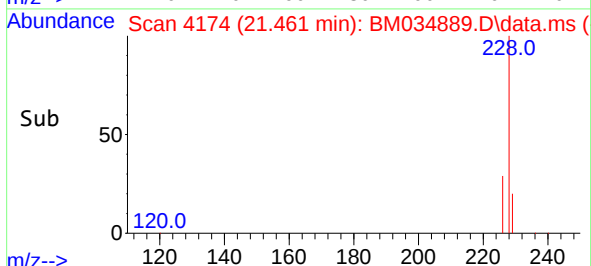
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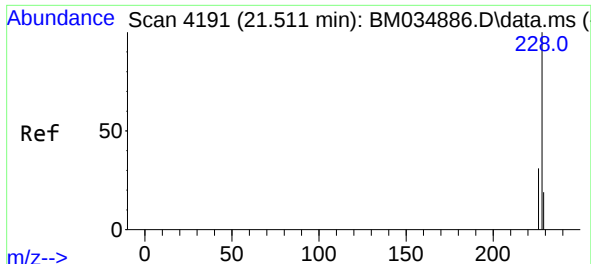


#21
Benzo(a)anthracene
Concen: 19.736 ng/u1
RT: 21.461 min Scan# 4174
Delta R.T. 0.003 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



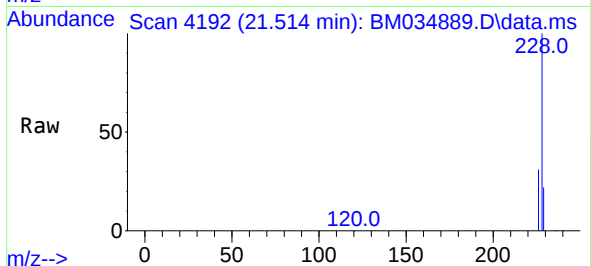
Tgt Ion:228 Resp: 972697
Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 28.7 23.2 34.8





#22
Chrysene
Concen: 17.241 ng/ul
RT: 21.514 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

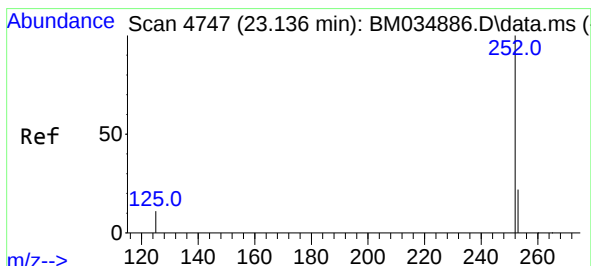
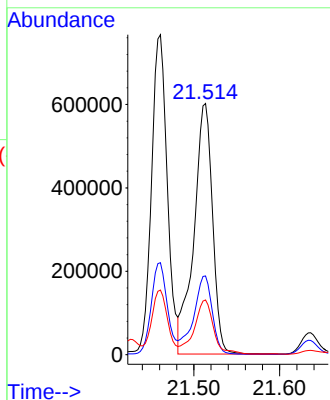
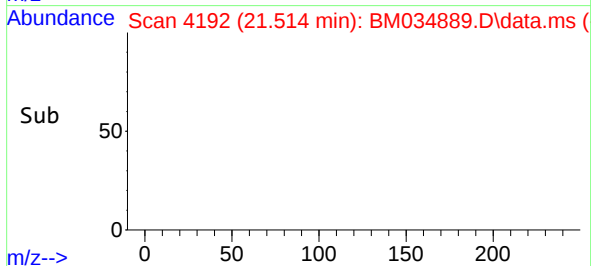
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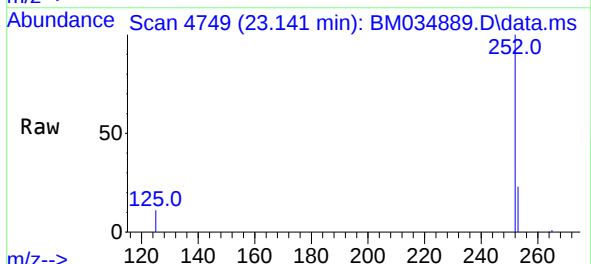
Tgt Ion:228 Resp: 90592
Ion Ratio Lower Upper
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226 31.3 25.8 38.8
229 21.8 16.7 25.1

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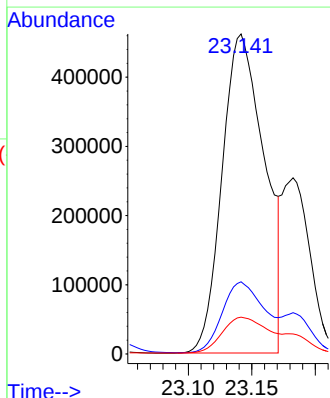
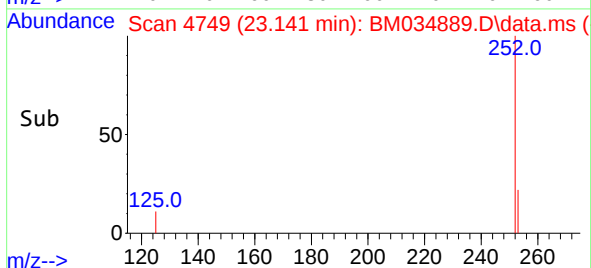
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

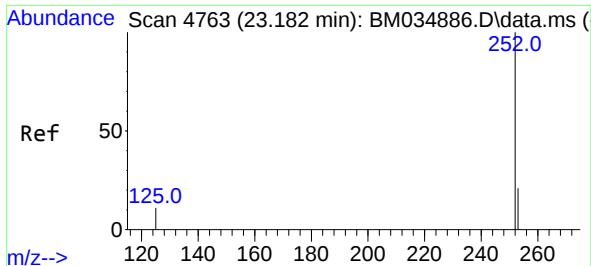


#24
Benzo(b)fluoranthene
Concen: 18.592 ng/ul
RT: 23.141 min Scan# 4749
Delta R.T. 0.006 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



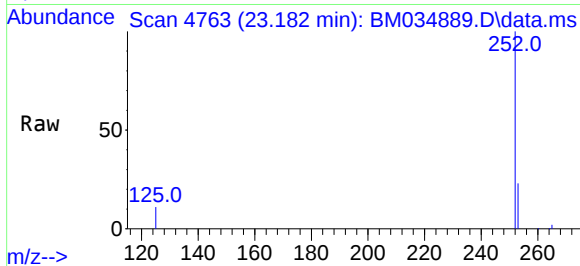
Tgt Ion:252 Resp: 1070043
Ion Ratio Lower Upper
252 100
253 22.6 0.0 64.2
125 11.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 6.695 ng/ul m
RT: 23.182 min Scan# 4763
Delta R.T. -0.000 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

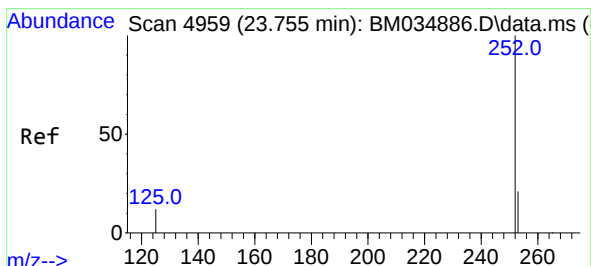
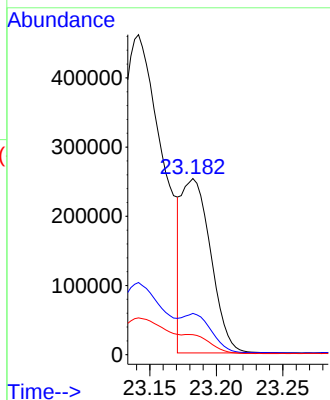
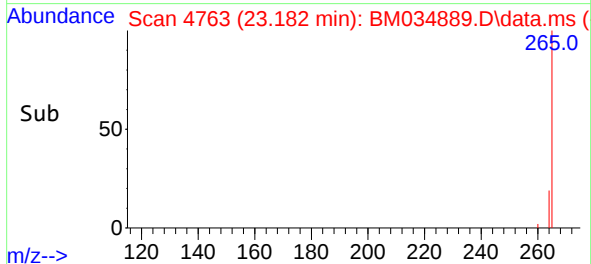
Instrument :
BNA_M
ClientSampleId :
EW467



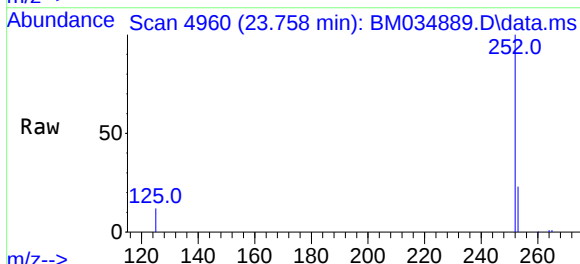
Tgt Ion:252 Resp: 385028
Ion Ratio Lower Upper
252 100
253 23.4 26.8 40.2#
125 11.4 12.0 18.0#

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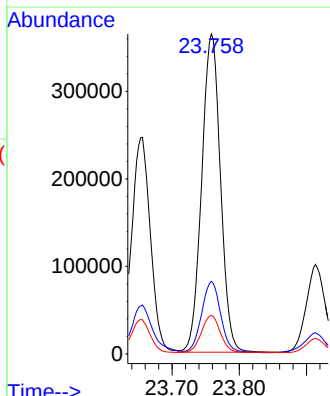
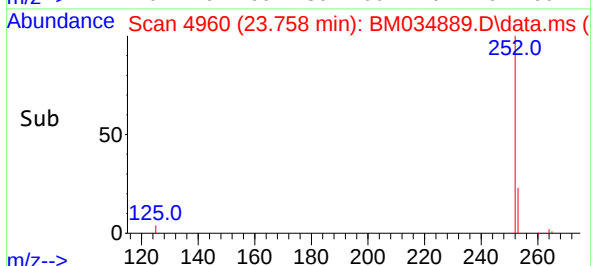
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

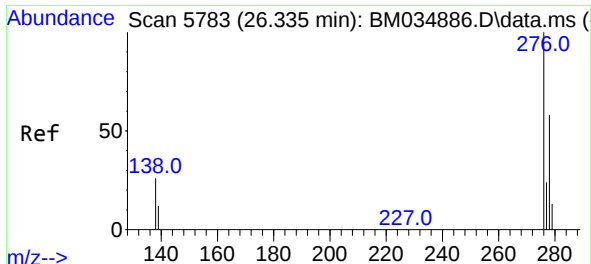


#26
Benzo(a)pyrene
Concen: 15.011 ng/ul
RT: 23.758 min Scan# 4960
Delta R.T. 0.003 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



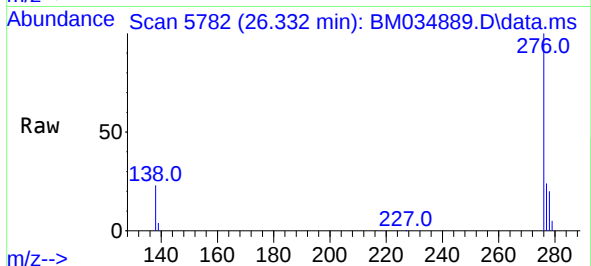
Tgt Ion:252 Resp: 705040
Ion Ratio Lower Upper
252 100
253 22.7 32.0 48.0#
125 12.0 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 6.974 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. -0.003 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

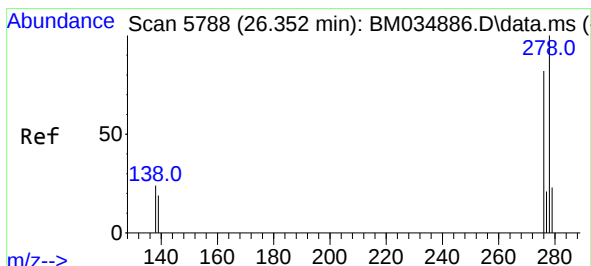
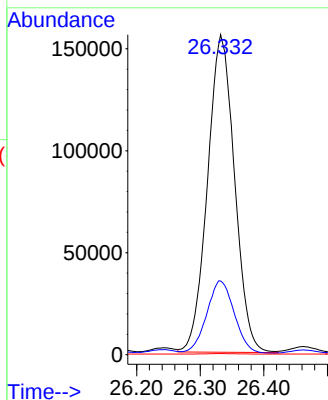
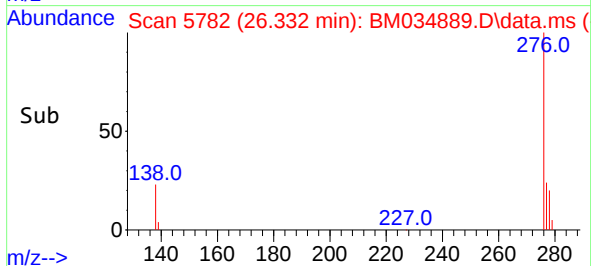
Instrument :
BNA_M
ClientSampleId :
EW467



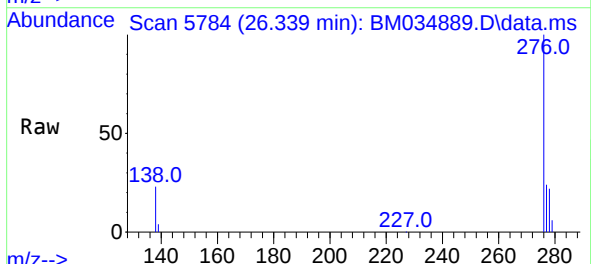
Tgt Ion:276 Resp: 45980
Ion Ratio Lower Upper
276 100
138 23.2 15.8 23.6
227 0.2 0.0 0.0

Manual Integrations
APPROVED

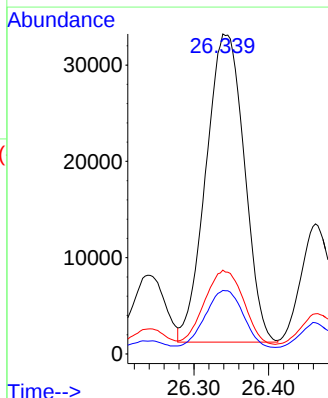
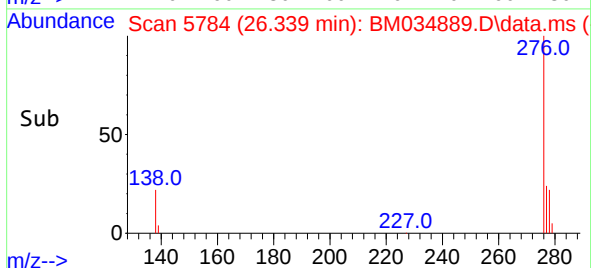
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

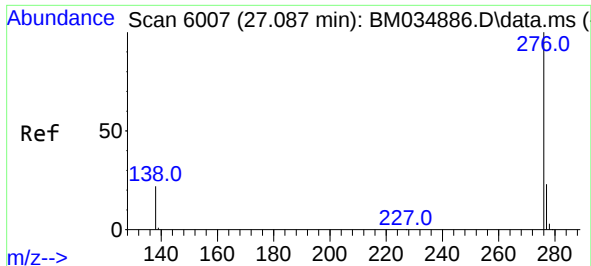


#28
Dibenzo(a,h)anthracene
Concen: 2.125 ng/ul m
RT: 26.339 min Scan# 5784
Delta R.T. -0.013 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08



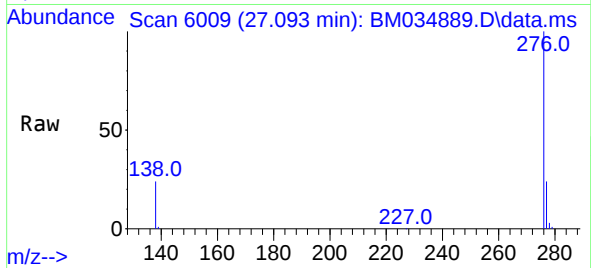
Tgt Ion:278 Resp: 114043
Ion Ratio Lower Upper
278 100
139 19.8 18.0 27.0
279 26.2 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 5.939 ng/ul
RT: 27.093 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BM034889.D
Acq: 03 May 2022 14:08

Instrument :
BNA_M
ClientSampleId :
EW467



Tgt Ion: 276 Resp: 33802

Ion	Ratio	Lower	Upper
276	100		
138	23.5	17.4	26.0
277	23.7	22.6	33.8

Manual Integrations
APPROVED

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

