

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034907.D
 Acq On : 04 May 2022 01:32
 Operator : CG/JU
 Sample : N2562-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW473

Manual Integrations
 APPROVED

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

Quant Time: May 04 03:04:52 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	4737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	12580	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	6837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	13078	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	9719	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	10176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	15244	2.910	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	3718	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	6906	0.225	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	1694	0.047	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	1145	0.048	ng/ul	98
8) 1-Methylnaphthalene	12.607	142	881	0.038	ng/ul	99
15) Phenanthrene	17.339	178	4197	0.097	ng/ul	99
19) Fluoranthene	19.350	202	7297	0.156	ng/ul#	85
20) Pyrene	19.713	202	7251m	0.155	ng/ul	
21) Benzo(a)anthracene	21.455	228	3002	0.079	ng/ul	95
22) Chrysene	21.508	228	4128	0.102	ng/ul	96
24) Benzo(b)fluoranthene	23.133	252	5477	0.118	ng/ul#	61
25) Benzo(k)fluoranthene	23.174	252	2006m	0.043	ng/ul	
26) Benzo(a)pyrene	23.752	252	3229	0.085	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.329	276	2681	0.050	ng/ul#	71
29) Benzo(g,h,i)perylene	27.076	276	2275	0.050	ng/ul#	72

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

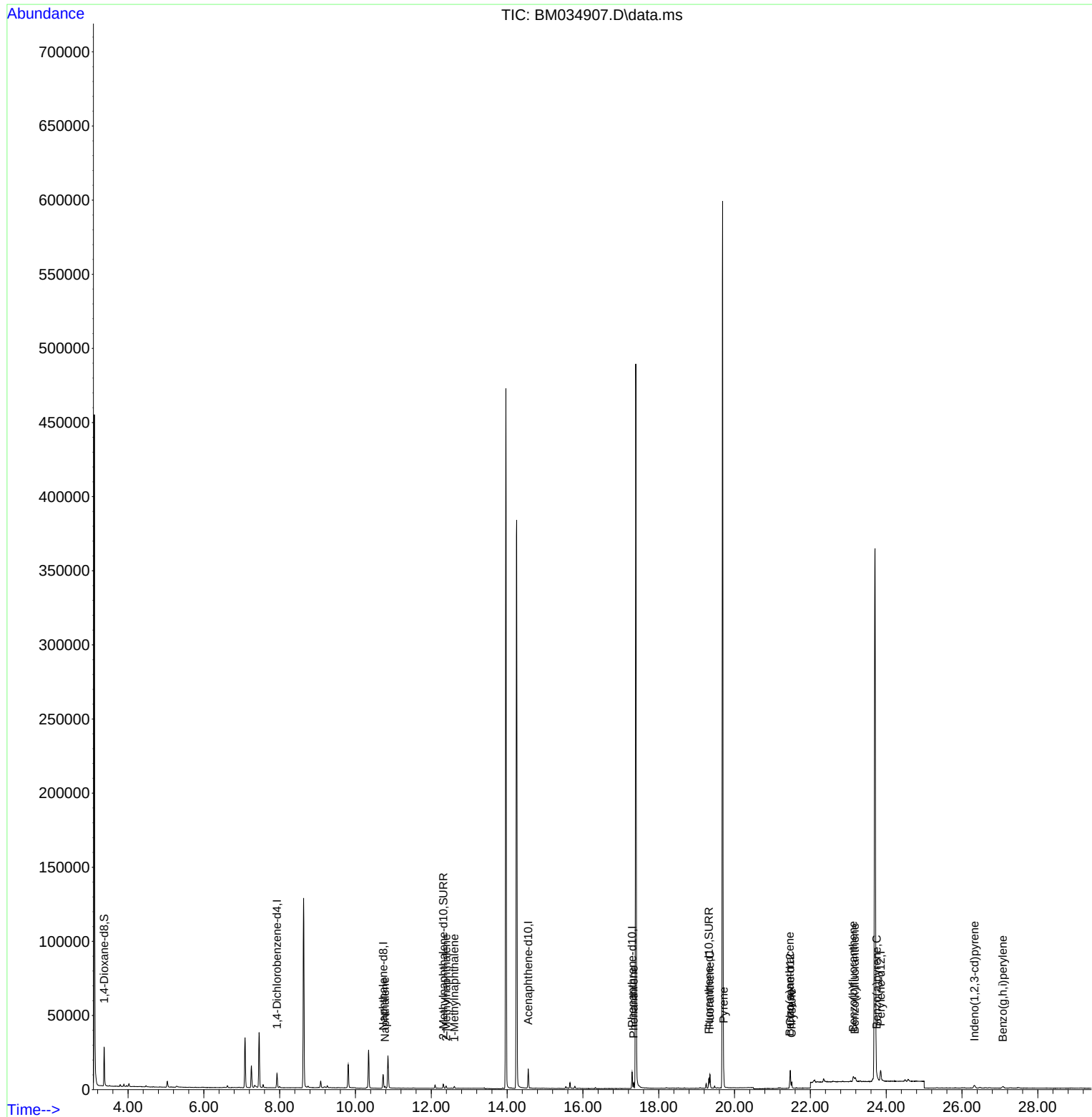
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034907.D
Acq On : 04 May 2022 01:32
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ALS Vial : 23 Sample Multiplier: 1

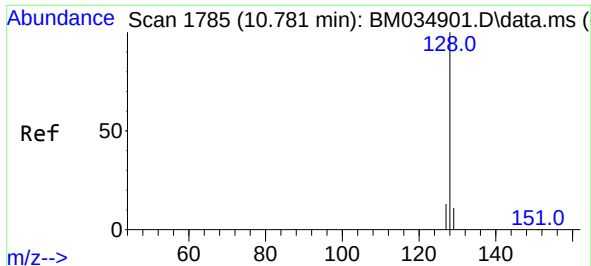
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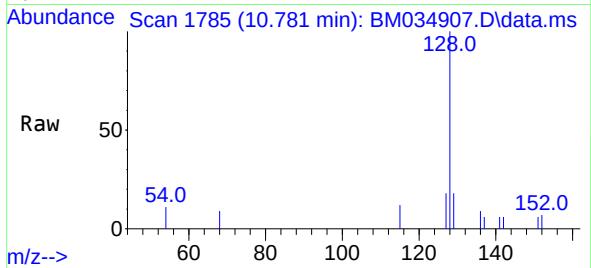
Quant Time: May 04 03:04:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
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#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32

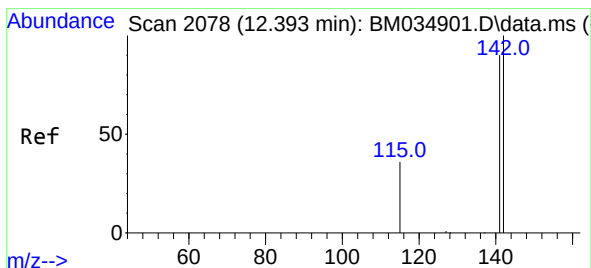
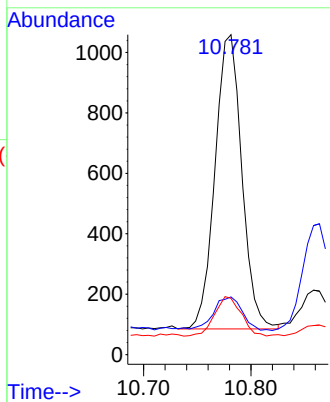
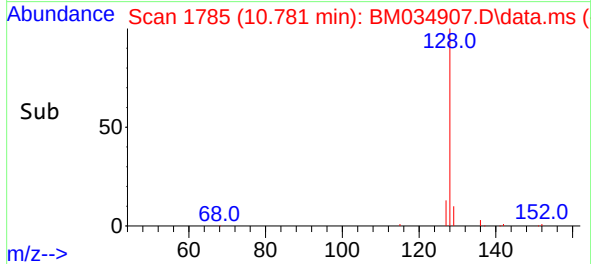
Instrument :
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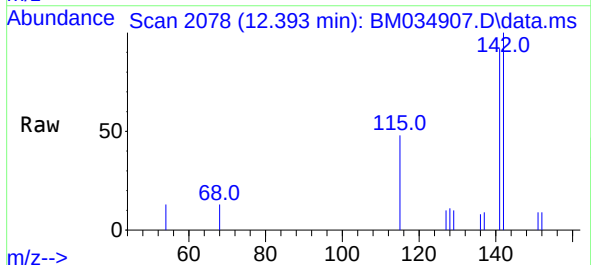
Tgt Ion:128 Resp: 1694
Ion Ratio Lower Upper
128 100
129 18.0 13.4 20.2
127 17.6 15.2 22.8

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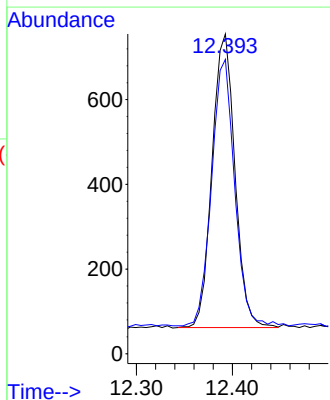
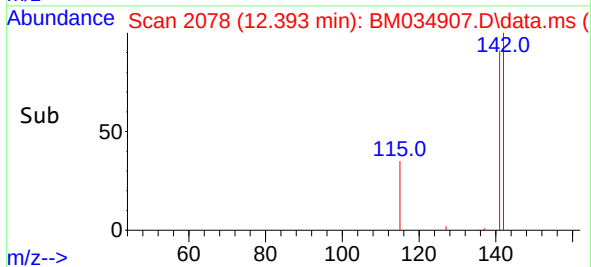
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

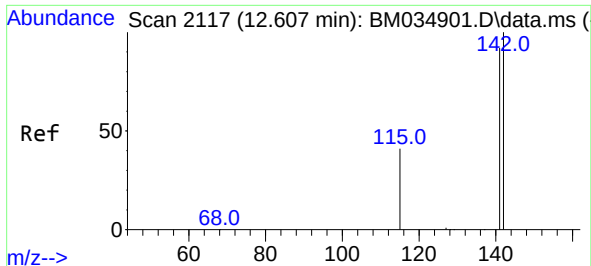


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32



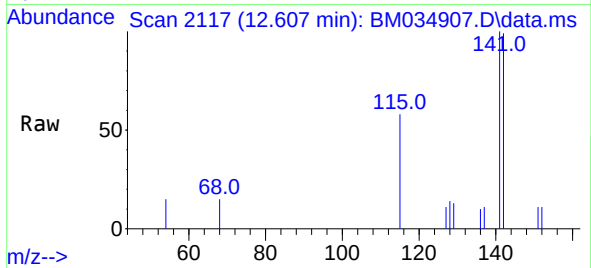
Tgt Ion:142 Resp: 1145
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32

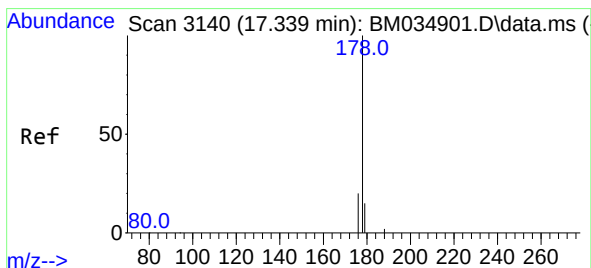
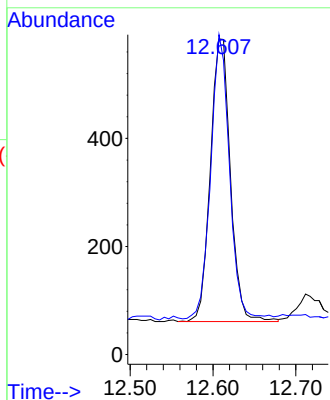
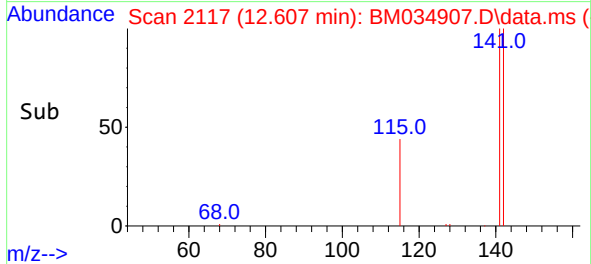
Instrument :
BNA_M
ClientSampleId :
EW473



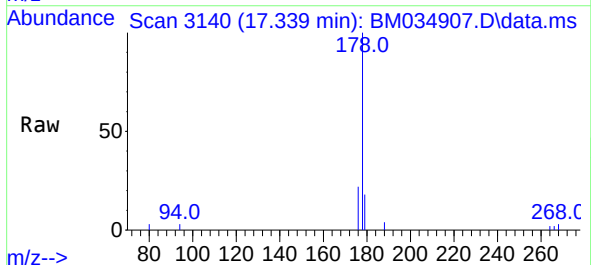
Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
142 100
141 94.2 75.0 112.4

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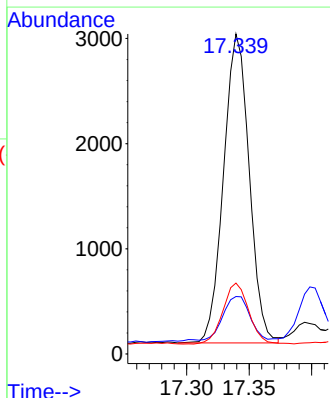
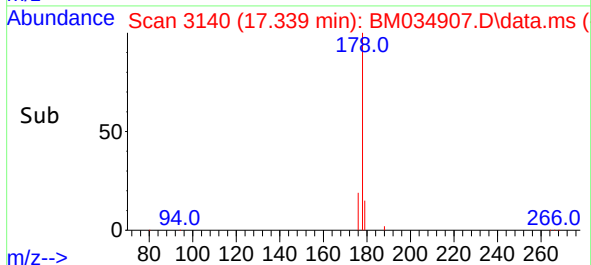
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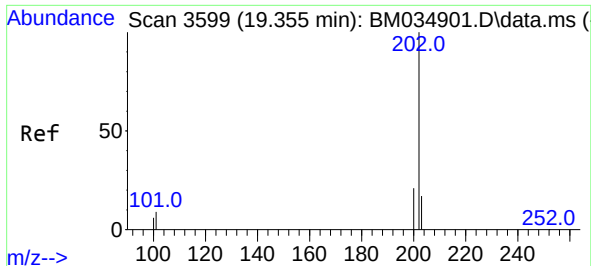


#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32



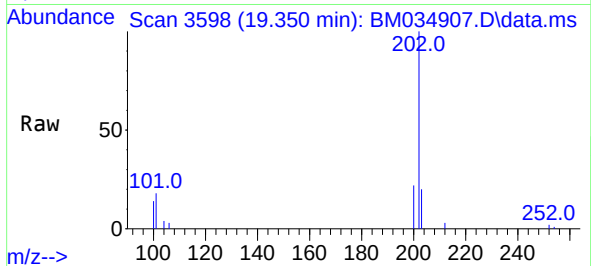
Tgt Ion:178 Resp: 4197
Ion Ratio Lower Upper
178 100
179 18.0 15.0 22.6
176 22.1 17.9 26.9





#19
Fluoranthene
Concen: 0.156 ng/ul
RT: 19.350 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32

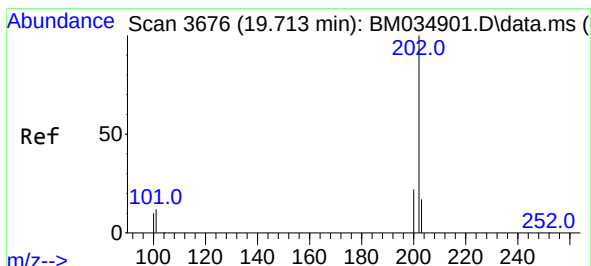
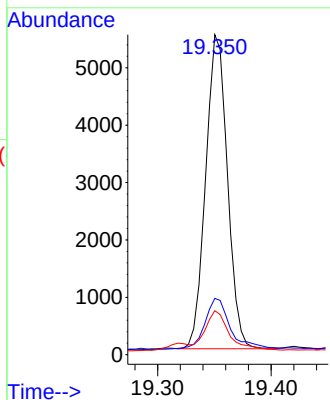
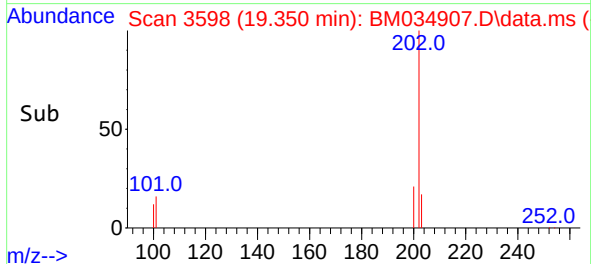
Instrument :
BNA_M
ClientSampleId :
EW473



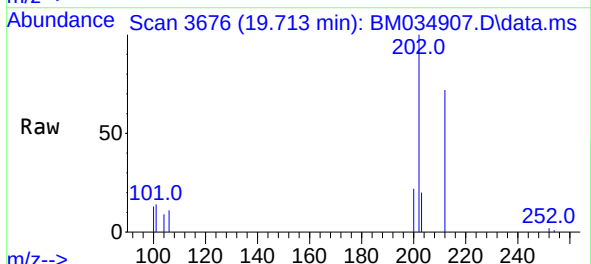
Tgt Ion:202 Resp: 7297
Ion Ratio Lower Upper
202 100
101 17.6 9.2 13.8
100 13.7 7.2 10.8

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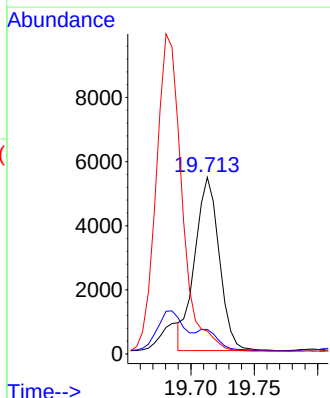
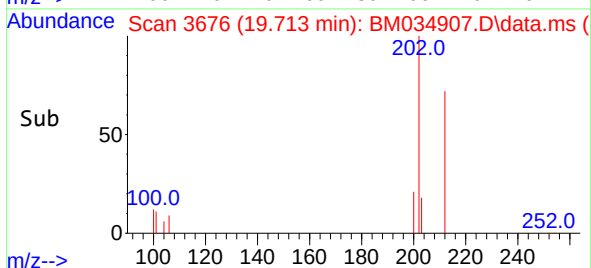
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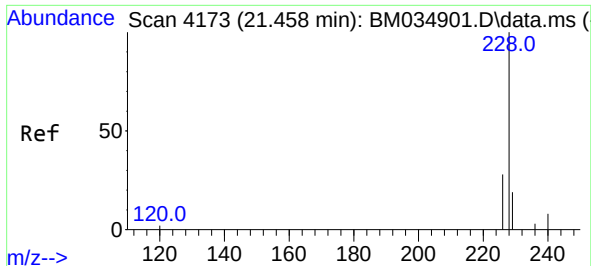


#20
Pyrene
Concen: 0.155 ng/ul m
RT: 19.713 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32



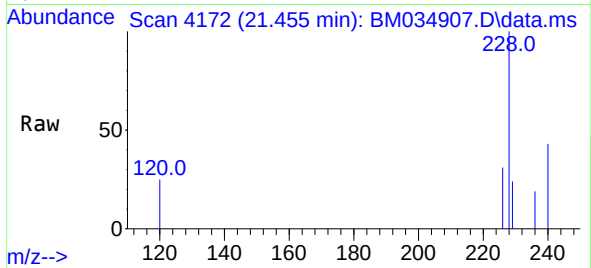
Tgt Ion:202 Resp: 7251
Ion Ratio Lower Upper
202 100
101 13.8 9.3 13.9
100 12.9 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.079 ng/u1
RT: 21.455 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32

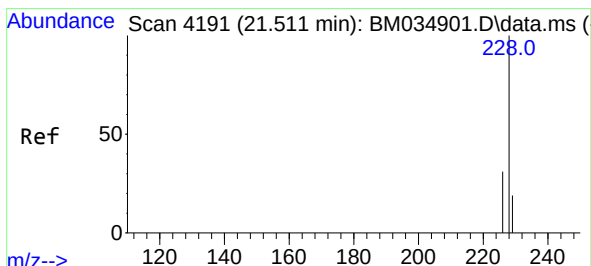
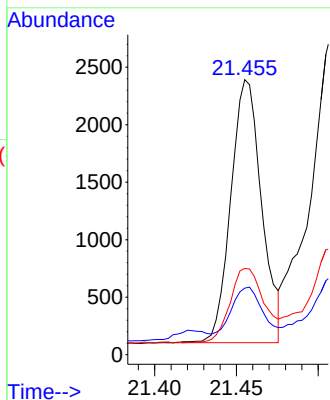
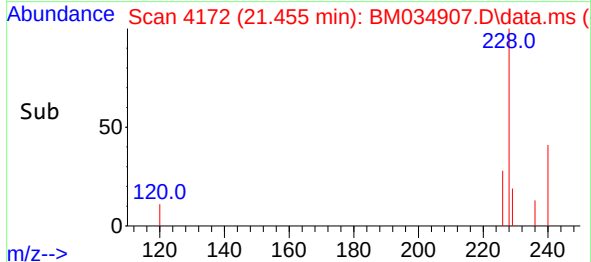
Instrument :
BNA_M
ClientSampleId :
EW473



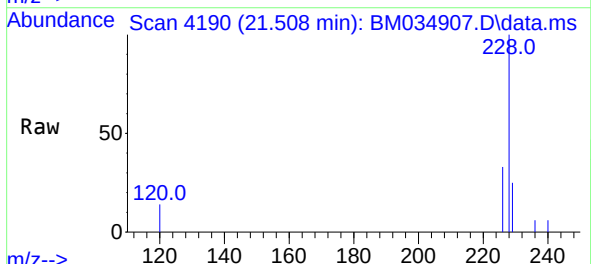
Tgt Ion:228 Resp: 3002
Ion Ratio Lower Upper
228 100
229 24.2 17.3 25.9
226 31.4 23.2 34.8

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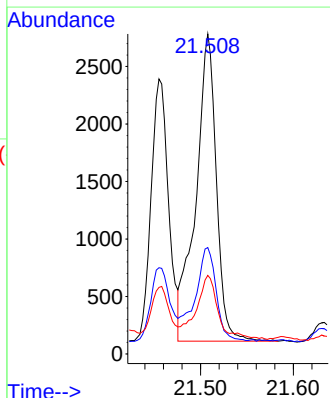
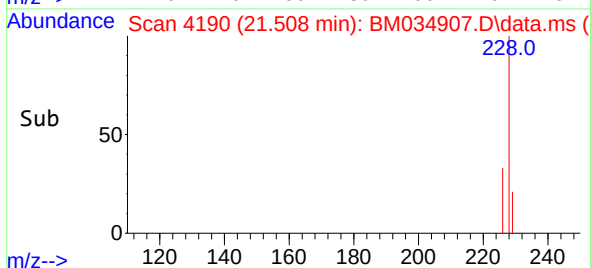
Reviewed By :Jagrut Upadhyay 05/04/2022
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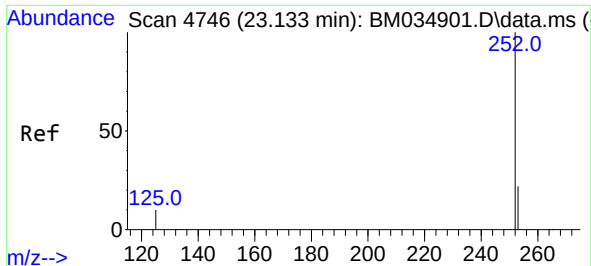


#22
Chrysene
Concen: 0.102 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32



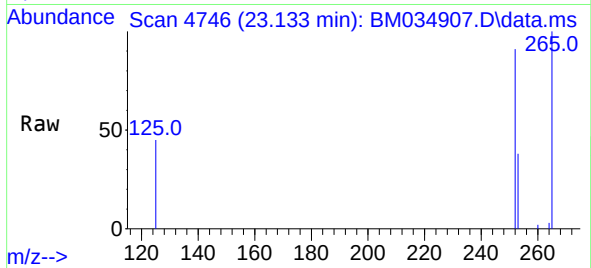
Tgt Ion:228 Resp: 4128
Ion Ratio Lower Upper
228 100
226 33.3 25.8 38.8
229 24.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.118 ng/ul
RT: 23.133 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32

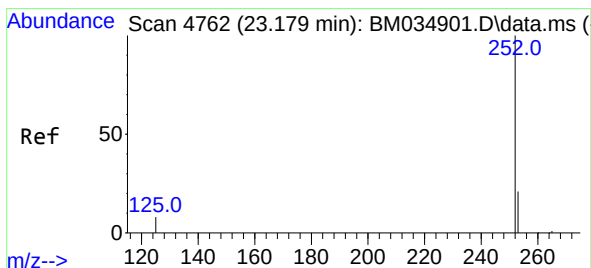
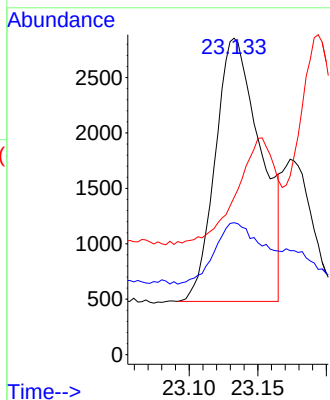
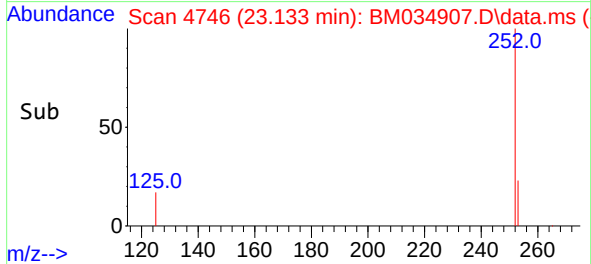
Instrument :
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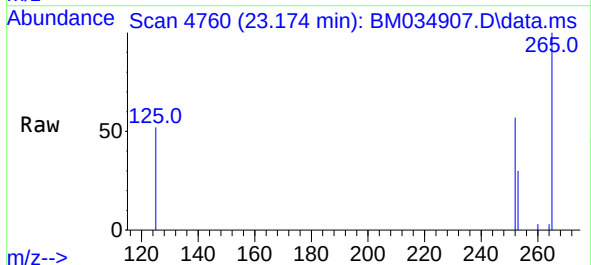
Tgt Ion:252 Resp: 547
Ion Ratio Lower Upper
252 100
253 41.7 0.0 64.2
125 49.7 0.0 28.8

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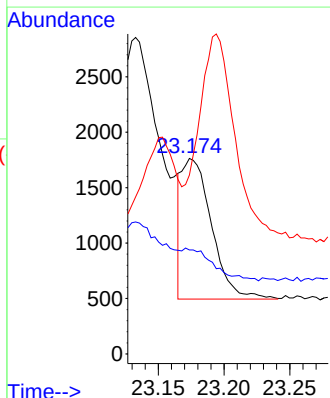
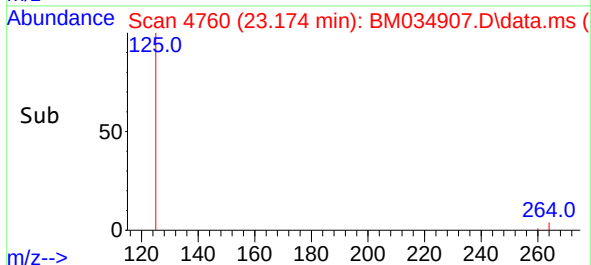
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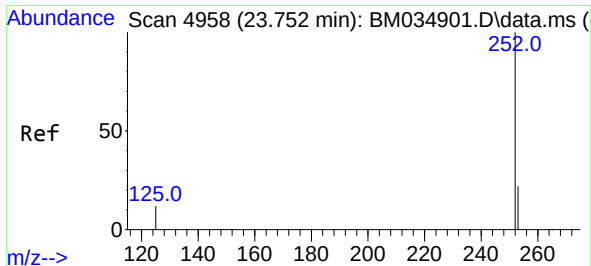


#25
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32



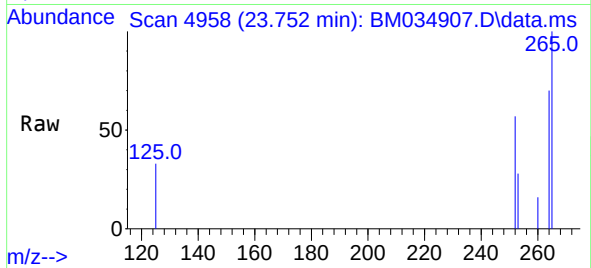
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Ion Ratio Lower Upper
252 100
253 53.2 26.8 40.2#
125 91.5 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.085 ng/u1
RT: 23.752 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32

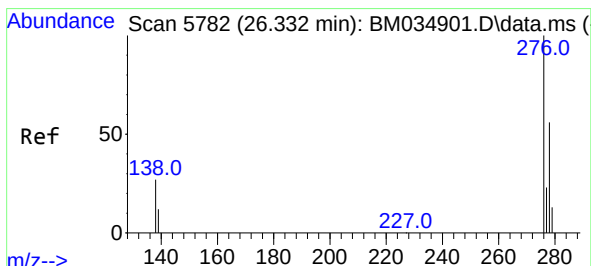
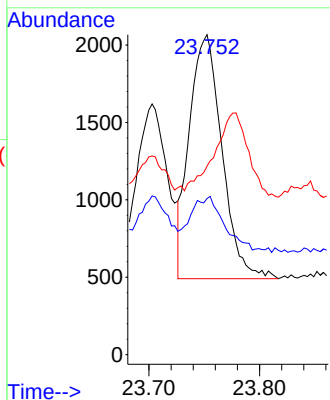
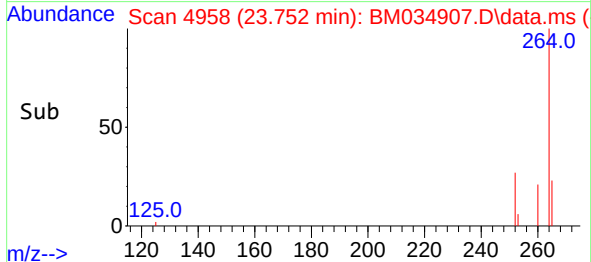
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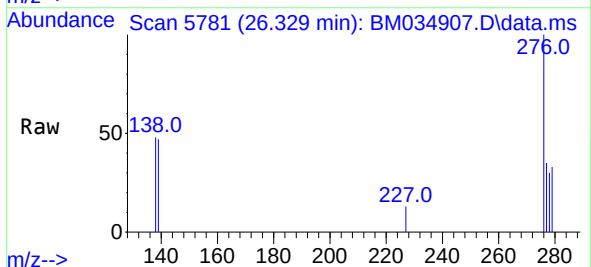
Tgt Ion:252 Resp: 3229
Ion Ratio Lower Upper
252 100
253 48.8 32.0 48.0#
125 58.9 14.5 21.7#

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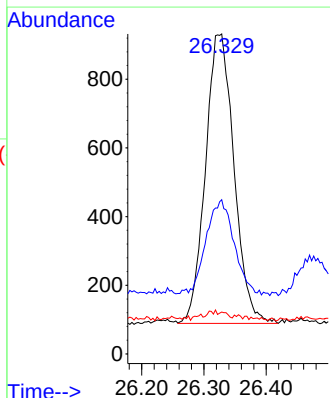
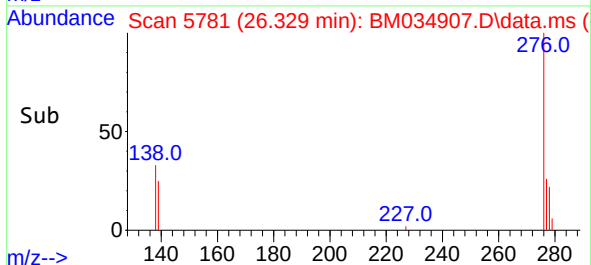
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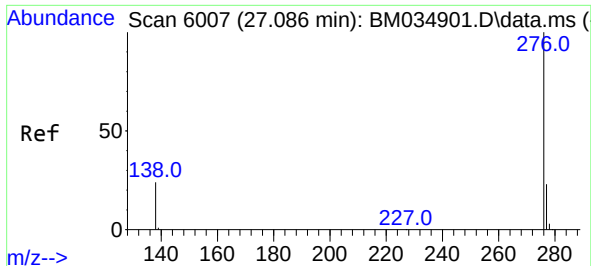


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/u1
RT: 26.329 min Scan# 5781
Delta R.T. -0.007 min
Lab File: BM034907.D
Acq: 04 May 2022 01:32



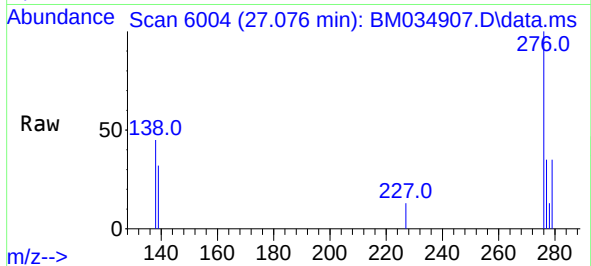
Tgt Ion:276 Resp: 2681
Ion Ratio Lower Upper
276 100
138 32.9 15.8 23.6#
227 1.7 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 27.076 min Scan# 6004
Delta R.T. -0.010 min
Lab File: BM034907.D
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Instrument :
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Tgt Ion:276 Resp: 2275
Ion Ratio Lower Upper
276 100
138 44.6 17.4 26.0
277 34.8 22.6 33.8

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