

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034922.D
 Acq On : 04 May 2022 10:28
 Operator : CG/JU
 Sample : N2623-01DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFJ1DL

Manual Integrations
 APPROVED

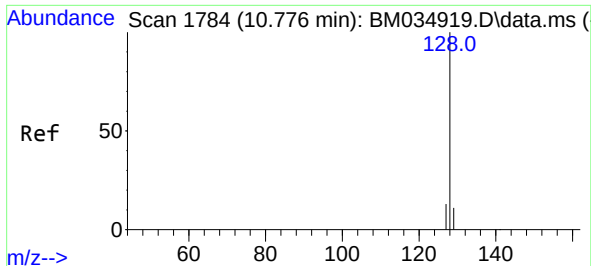
Reviewed By :Jagrut Upadhyay 05/05/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 05 04:11:20 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)

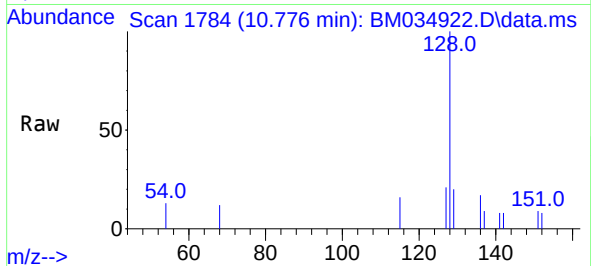
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	15758	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	9098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	17991	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.476	240	11466	0.400	ng/ul	# 0.00
23) Perylene-d12	23.858	264	9781	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3870	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	884	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.323	212	1729	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	1080	0.024	ng/ul	95
7) 2-Methylnaphthalene	12.393	142	899	0.030	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	939	0.032	ng/ul	97
10) Acenaphthylene	14.280	152	3478	0.087	ng/ul	98
11) Acenaphthene	14.617	153	737	0.022	ng/ul	95
12) Fluorene	15.603	166	2731	0.072	ng/ul	99
15) Phenanthrene	17.339	178	22712	0.382	ng/ul	94
16) Anthracene	17.428	178	7770	0.147	ng/ul	94
19) Fluoranthene	19.350	202	31827	0.578	ng/ul	99
20) Pyrene	19.713	202	64588	1.168	ng/ul	99
21) Benzo(a)anthracene	21.458	228	19658	0.441	ng/ul	98
22) Chrysene	21.511	228	22326	0.469	ng/ul	99
24) Benzo(b)fluoranthene	23.136	252	15340	0.343	ng/ul	91
25) Benzo(k)fluoranthene	23.177	252	6271m	0.141	ng/ul	
26) Benzo(a)pyrene	23.752	252	16737	0.459	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.325	276	8955	0.175	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.339	278	4091	0.098	ng/ul#	80
29) Benzo(g,h,i)perylene	27.083	276	9691	0.219	ng/ul#	93

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



#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

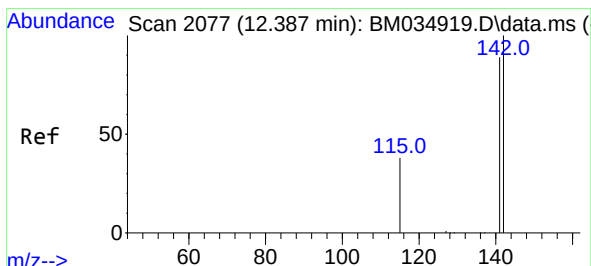
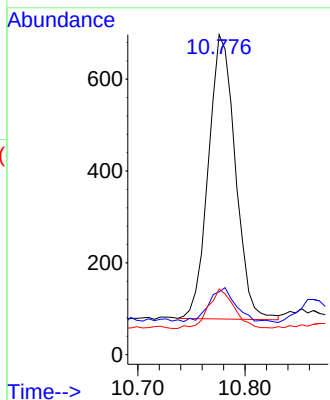
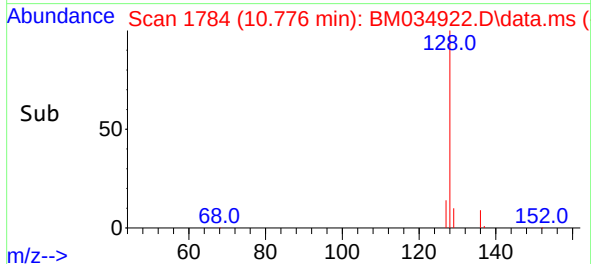
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



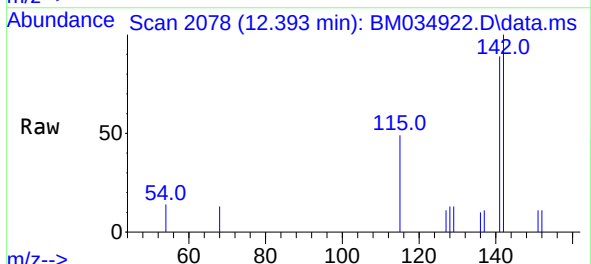
Tgt Ion:128 Resp: 1080
Ion Ratio Lower Upper
128 100
129 19.7 13.4 20.2
127 20.5 15.2 22.8

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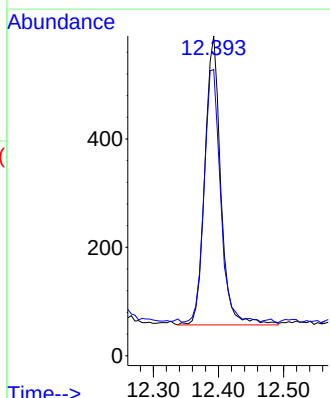
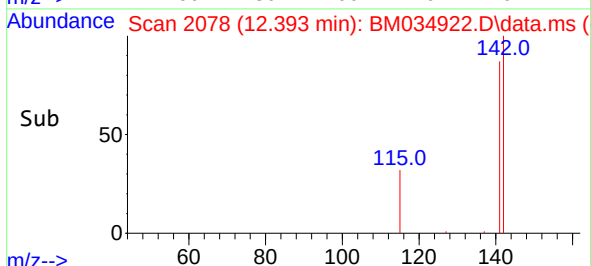
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

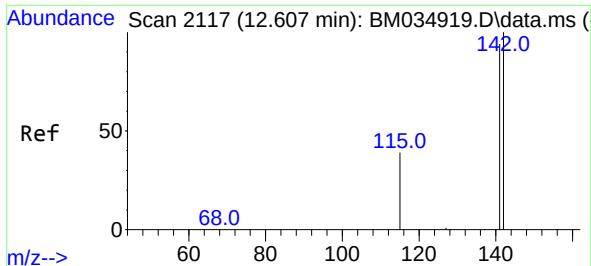


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



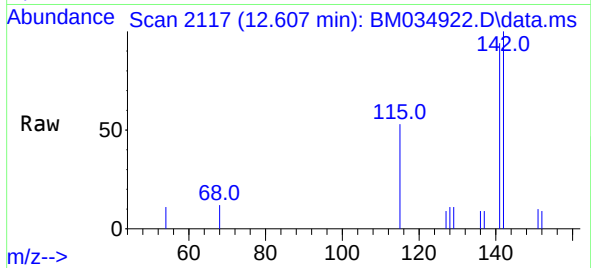
Tgt Ion:142 Resp: 899
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

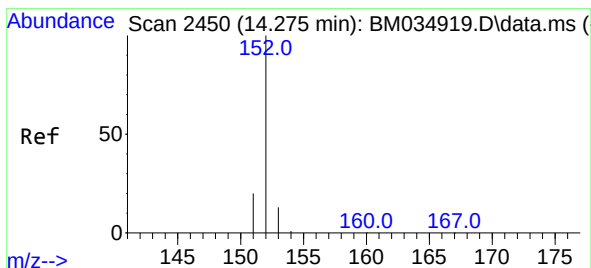
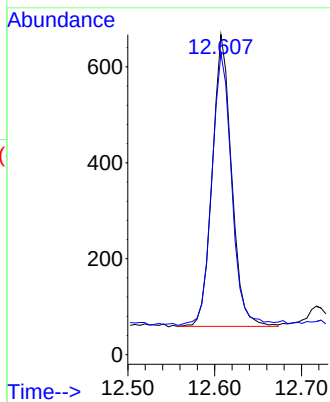
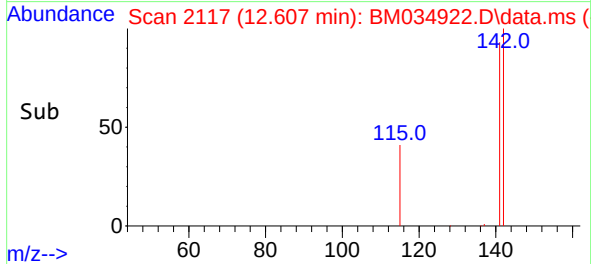
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



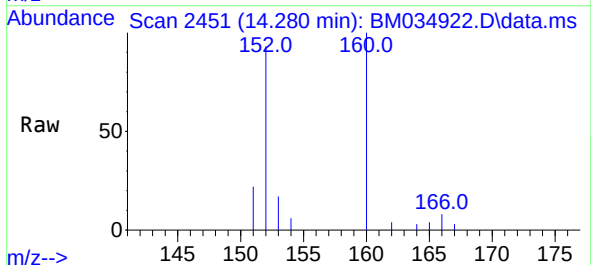
Tgt Ion:142 Resp: 939
Ion Ratio Lower Upper
142 100
141 96.2 75.0 112.4

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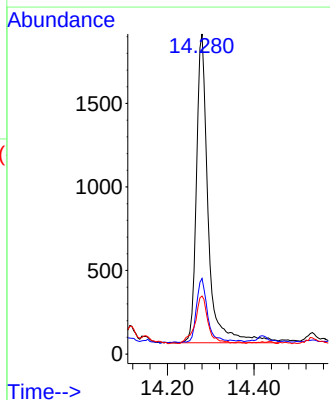
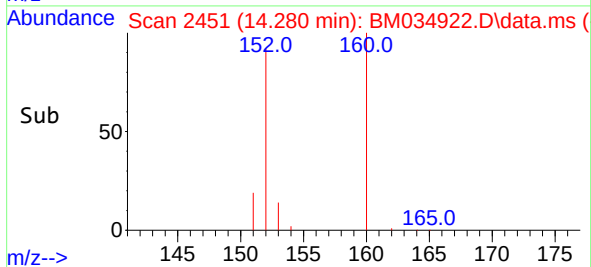
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

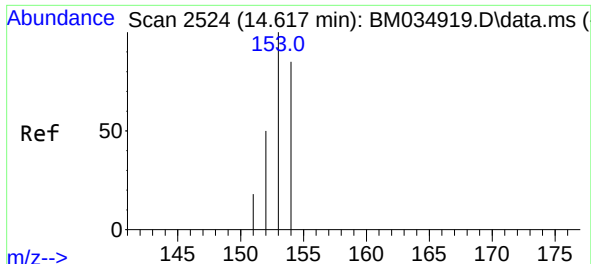


#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



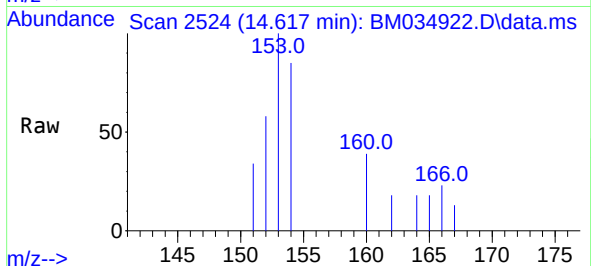
Tgt Ion:152 Resp: 3478
Ion Ratio Lower Upper
152 100
151 23.6 19.9 29.9
153 18.1 15.0 22.4





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.617 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

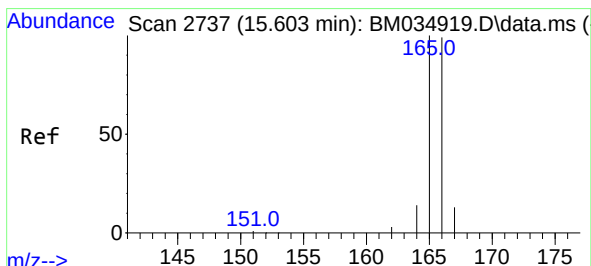
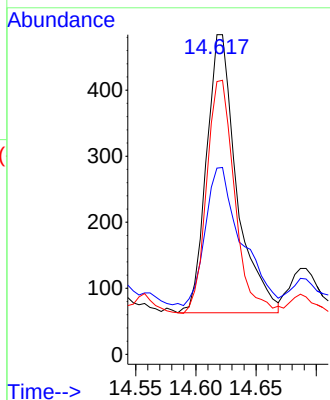
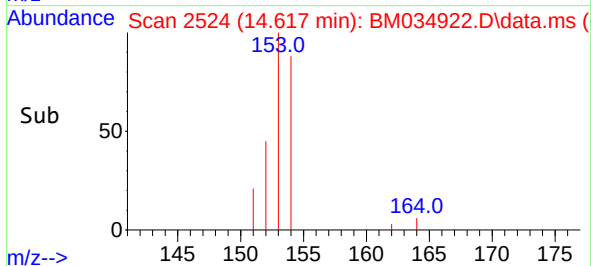
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



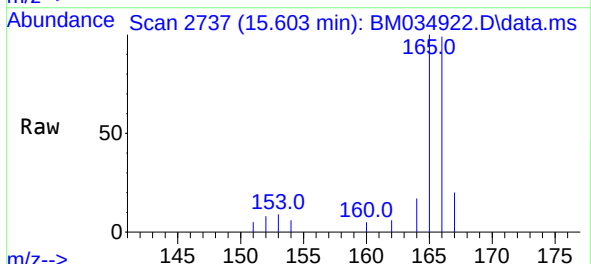
Tgt Ion:153 Resp: 731
Ion Ratio Lower Upper
153 100
152 58.3 42.4 63.6
154 85.3 66.2 99.2

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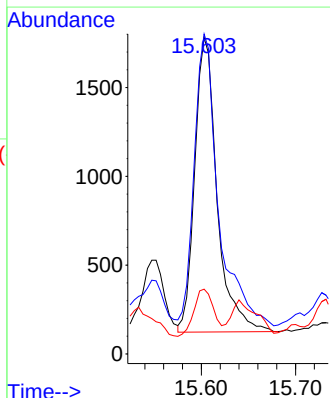
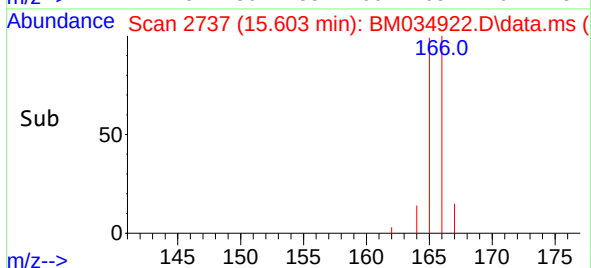
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

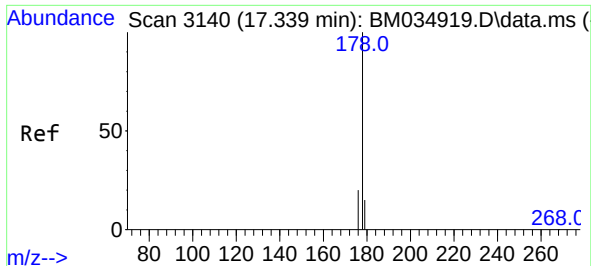


#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



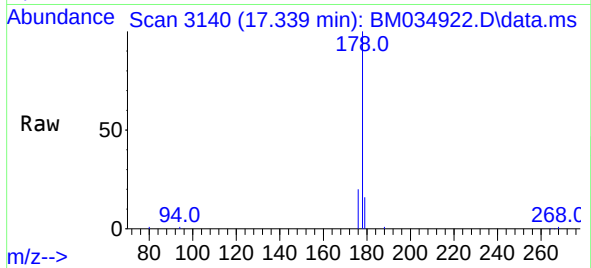
Tgt Ion:166 Resp: 2731
Ion Ratio Lower Upper
166 100
165 101.2 81.1 121.7
167 20.5 14.9 22.3





#15
Phenanthrene
Concen: 0.382 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

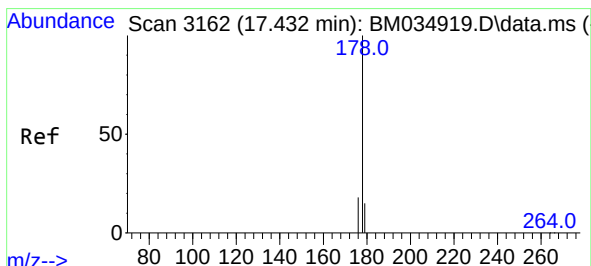
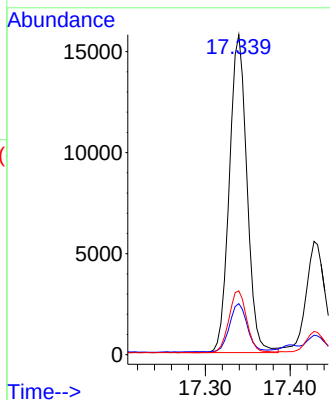
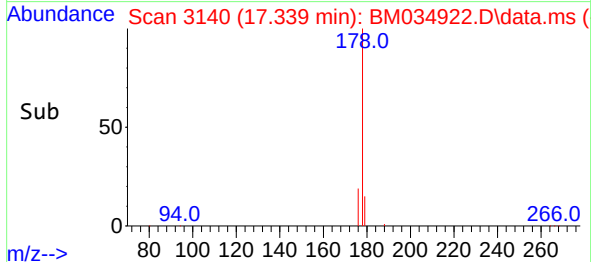
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



Tgt Ion:178 Resp: 2271
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 19.9 17.9 26.9

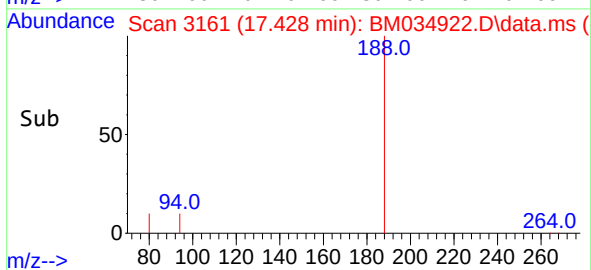
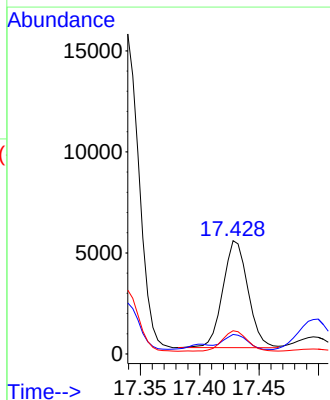
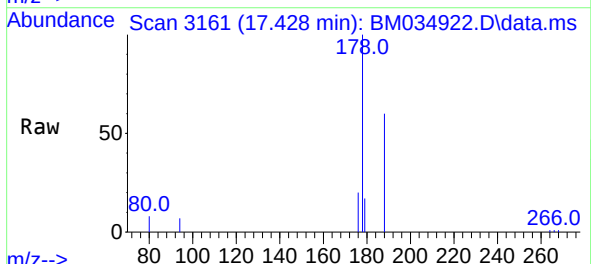
Manual Integrations
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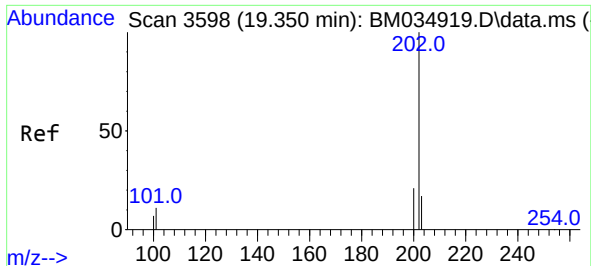
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022



#16
Anthracene
Concen: 0.147 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

Tgt Ion:178 Resp: 7770
Ion Ratio Lower Upper
178 100
179 17.2 16.5 24.7
176 20.5 18.3 27.5





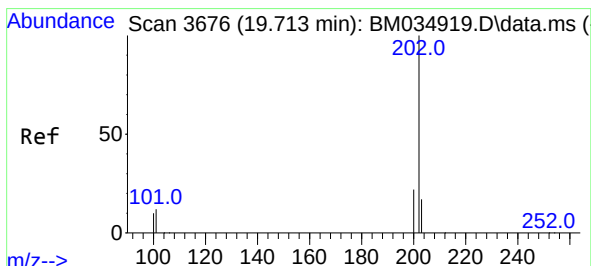
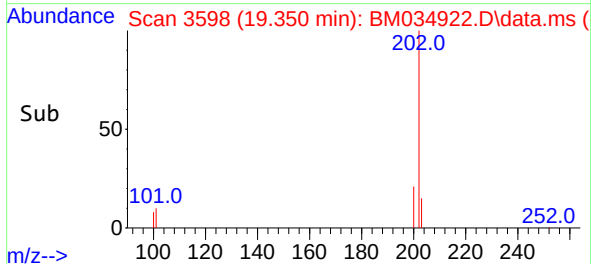
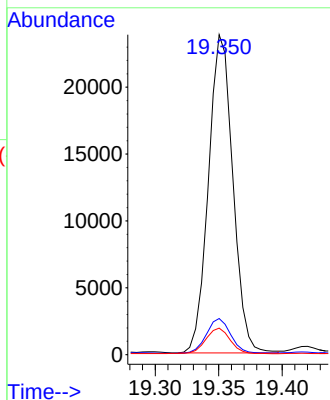
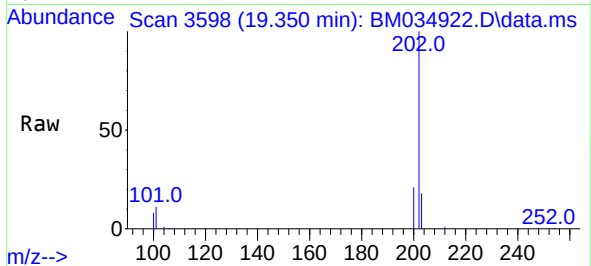
#19
Fluoranthene
Concen: 0.578 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

Instrument :
BNA_M
ClientSampleId :
BFFJ1DL

Tgt Ion:202 Resp: 3182
Ion Ratio Lower Upper
202 100
101 11.3 9.2 13.8
100 8.3 7.2 10.8

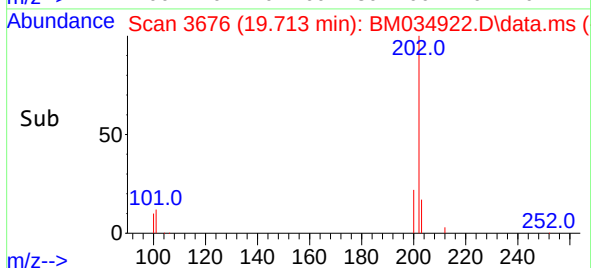
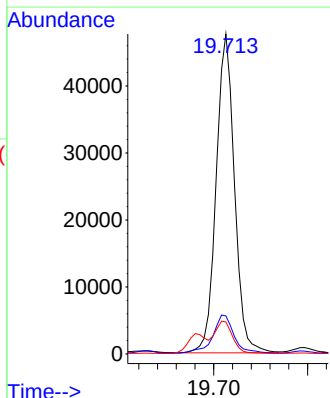
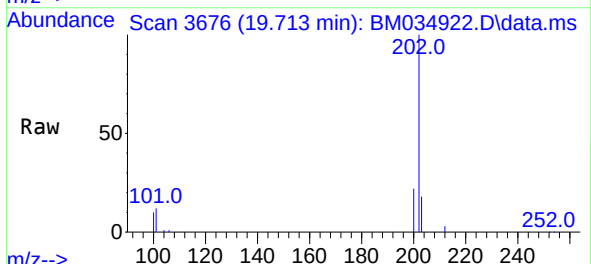
Manual Integrations
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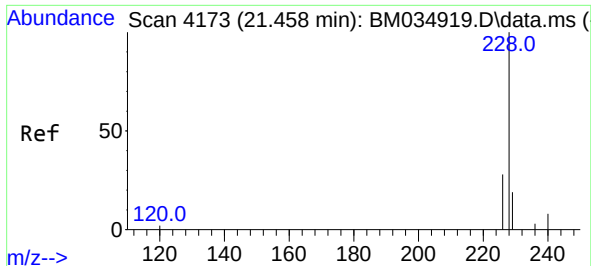
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 1.168 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

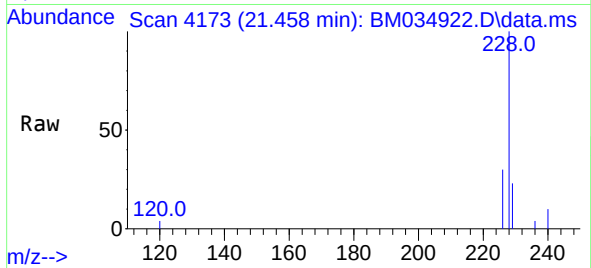
Tgt Ion:202 Resp: 64588
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

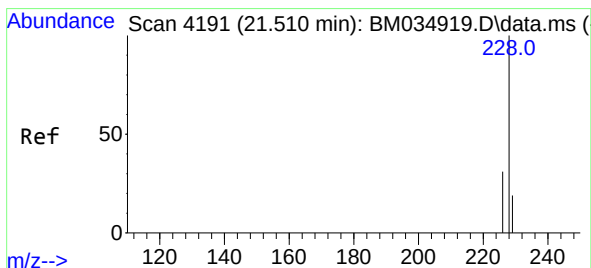
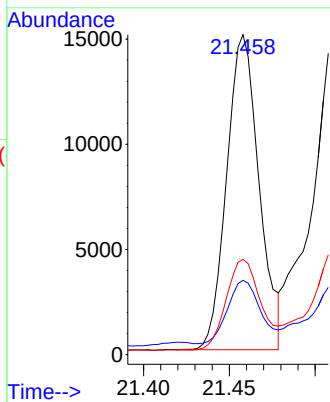
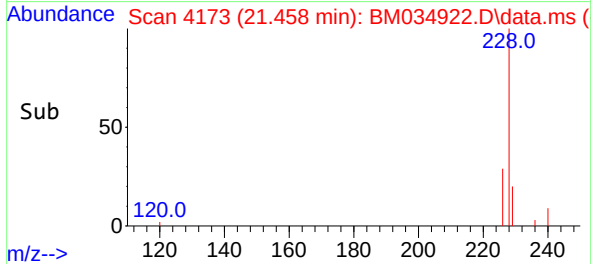
Instrument :
BNA_M
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BFFJ1DL



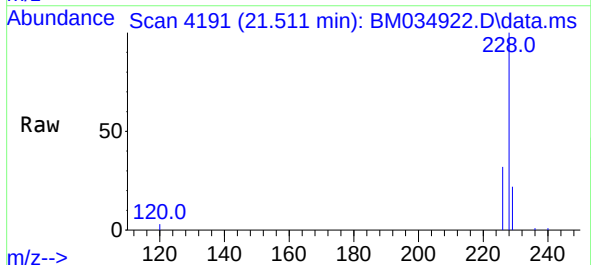
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Ion Ratio Lower Upper
228 100
229 23.2 17.3 25.9
226 29.8 23.2 34.8

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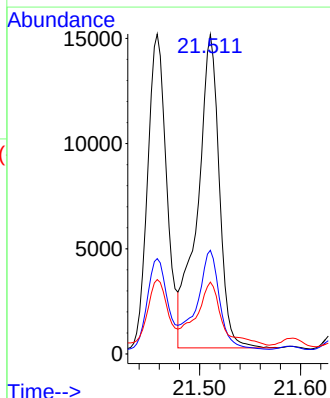
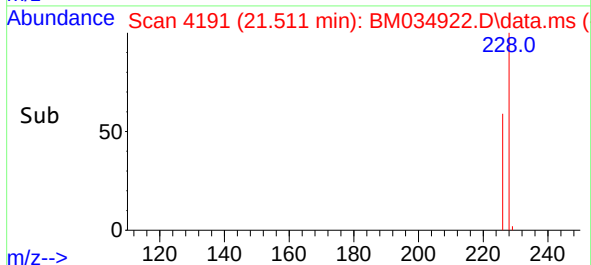
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

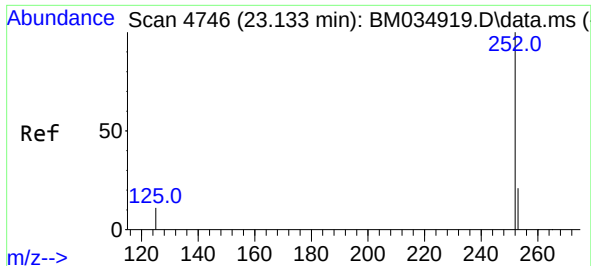


#22
Chrysene
Concen: 0.469 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



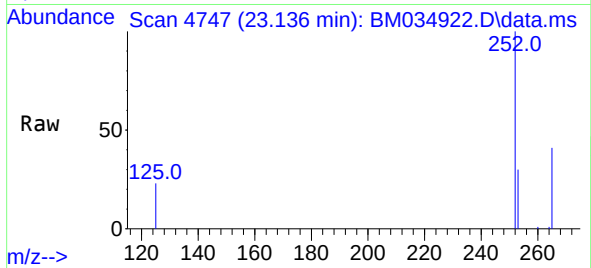
Tgt Ion:228 Resp: 22326
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 22.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.136 min Scan# 4746
Delta R.T. -0.000 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

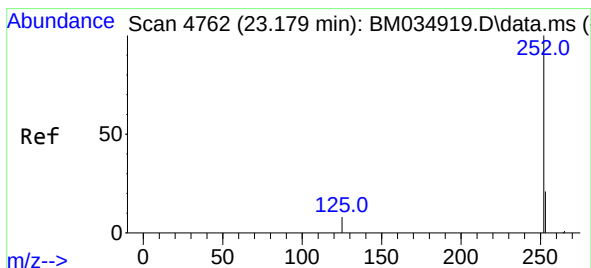
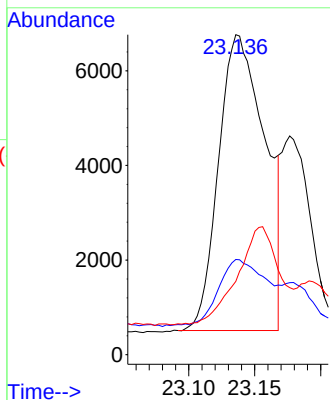
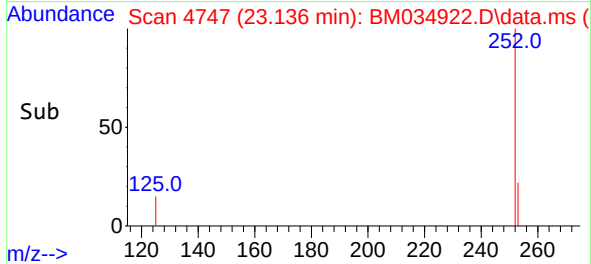
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



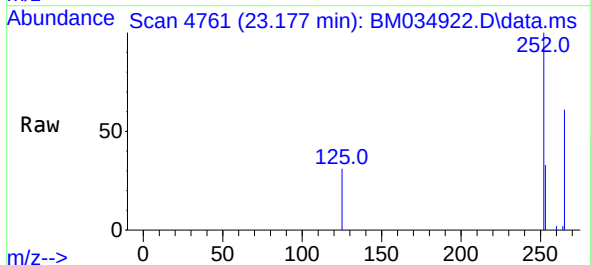
Tgt Ion:252 Resp: 15340
Ion Ratio Lower Upper
252 100
253 29.7 0.0 64.2
125 22.9 0.0 28.8

Manual Integrations
APPROVED

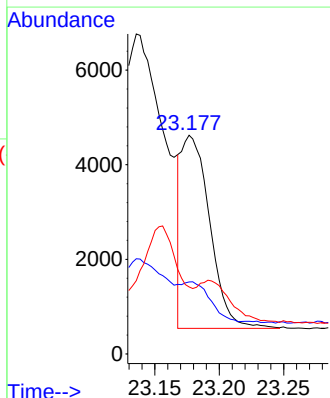
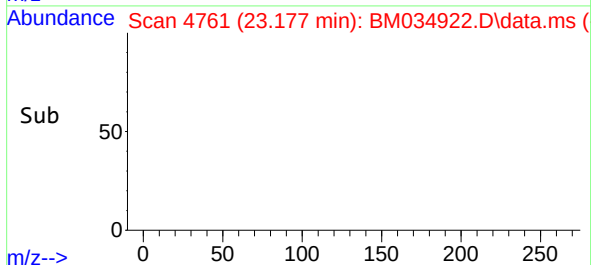
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

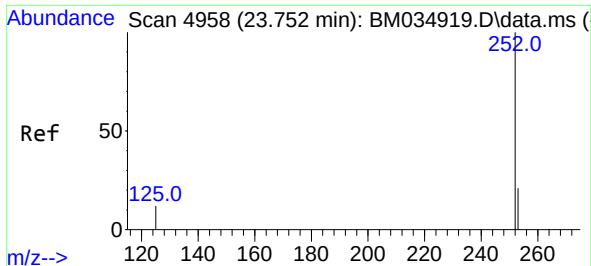


#25
Benzo(k)fluoranthene
Concen: 0.141 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



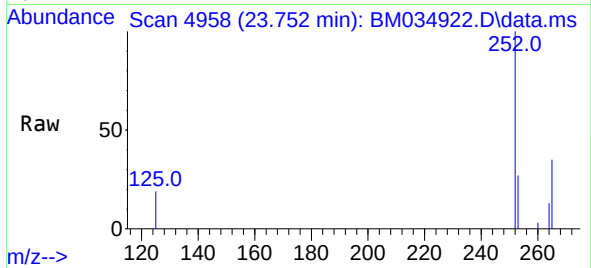
Tgt Ion:252 Resp: 6271
Ion Ratio Lower Upper
252 100
253 32.9 26.8 40.2
125 30.6 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.752 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

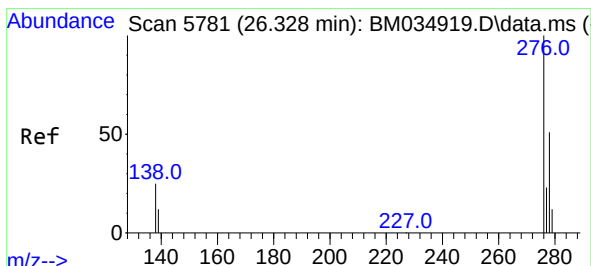
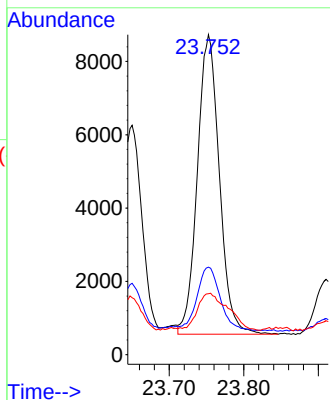
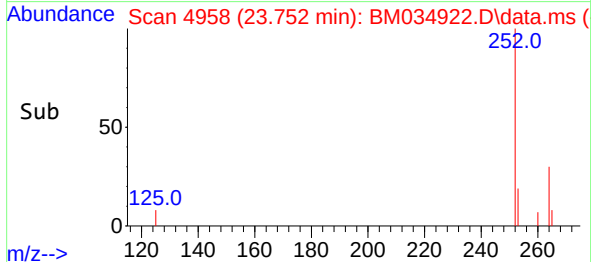
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



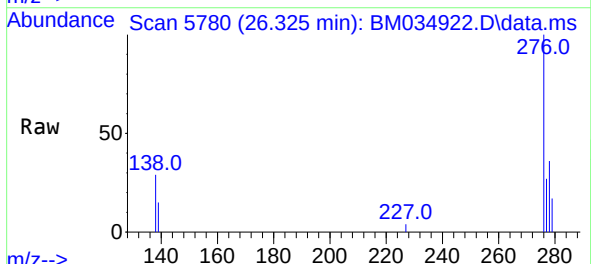
Tgt Ion:252 Resp: 1673
Ion Ratio Lower Upper
252 100
253 27.3 32.0 48.0#
125 19.1 14.5 21.7

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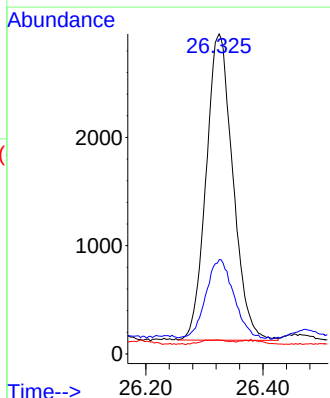
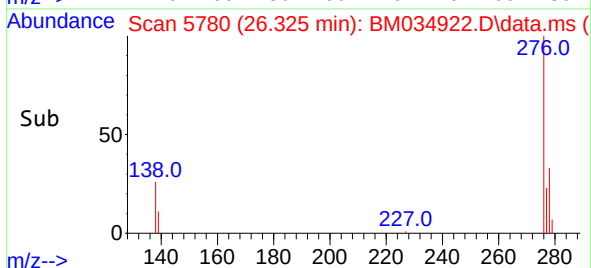
Reviewed By :Jagrut Upadhyay 05/05/2022
Supervised By :Yogesh Patel 05/05/2022

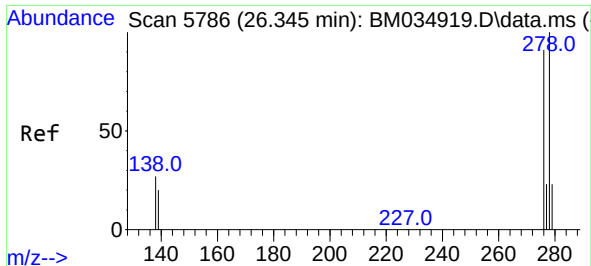


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.010 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



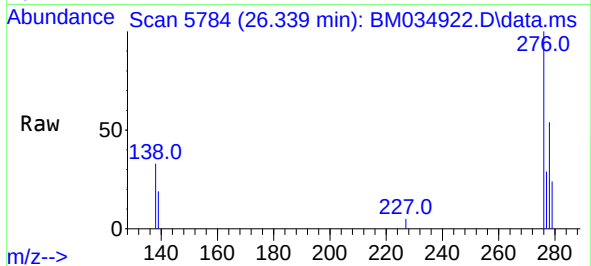
Tgt Ion:276 Resp: 8955
Ion Ratio Lower Upper
276 100
138 27.5 15.8 23.6#
227 1.8 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.339 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28

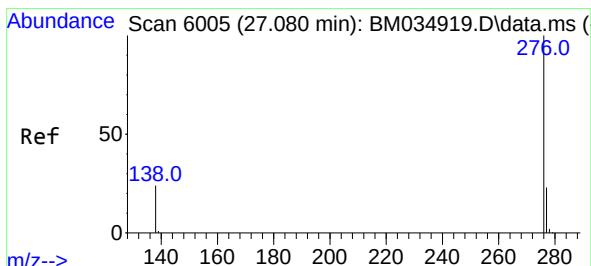
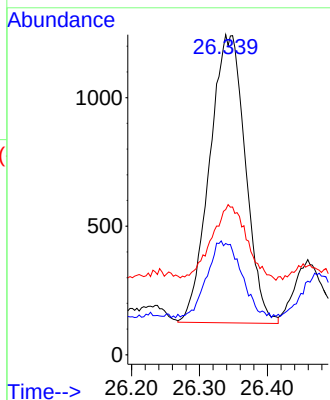
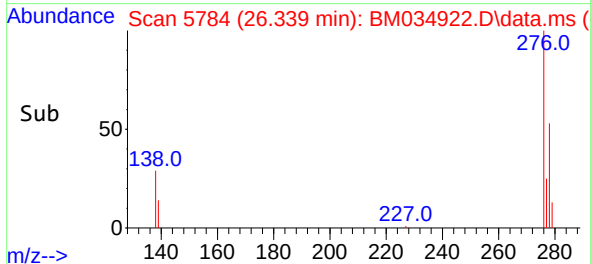
Instrument :
BNA_M
ClientSampleId :
BFFJ1DL



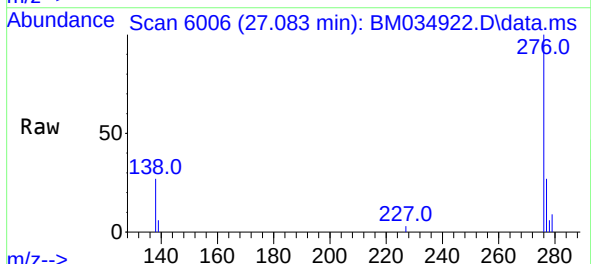
Tgt Ion:278 Resp: 409
Ion Ratio Lower Upper
278 100
139 34.8 18.0 27.0
279 45.4 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 27.083 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM034922.D
Acq: 04 May 2022 10:28



Tgt Ion:276 Resp: 9691
Ion Ratio Lower Upper
276 100
138 27.1 17.4 26.0
277 26.6 22.6 33.8

