

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034406.D
 Acq On : 29 Mar 2022 14:28
 Operator : CG/JU
 Sample : N2079-21MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW607MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 02:30:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	1934	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	5798	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	3165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	5419	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	4493	0.400	ng/ul	# 0.00
23) Perylene-d12	23.904	264	5026	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7565m	2.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	2707	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	6428	0.459	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	3259	1.026	ng/ul#	81
5) Naphthalene	10.790	128	40075	2.387	ng/ul#	88
7) 2-Methylnaphthalene	12.413	142	6601	0.643	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5857	0.571	ng/ul	100
10) Acenaphthylene	14.296	152	5344	0.351	ng/ul	93
11) Acenaphthene	14.639	153	3760	0.324	ng/ul	95
12) Fluorene	15.624	166	4104	0.332	ng/ul	98
14) Pentachlorophenol	16.978	266	1878	0.860	ng/ul	99
15) Phenanthrene	17.358	178	6207	0.359	ng/ul	98
16) Anthracene	17.456	178	5165	0.340	ng/ul	98
19) Fluoranthene	19.371	202	8071	0.398	ng/ul	99
20) Pyrene	19.734	202	8963	0.401	ng/ul	96
21) Benzo(a)anthracene	21.481	228	5249	0.374	ng/ul	99
22) Chrysene	21.530	228	6347	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.167	252	6454m	0.371	ng/ul	
25) Benzo(k)fluoranthene	23.220	252	6308	0.375	ng/ul#	80
26) Benzo(a)pyrene	23.801	252	7459	0.414	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.418	276	8808	0.375	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.451	278	6699	0.381	ng/ul#	75
29) Benzo(g,h,i)perylene	27.186	276	8995	0.397	ng/ul#	92

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

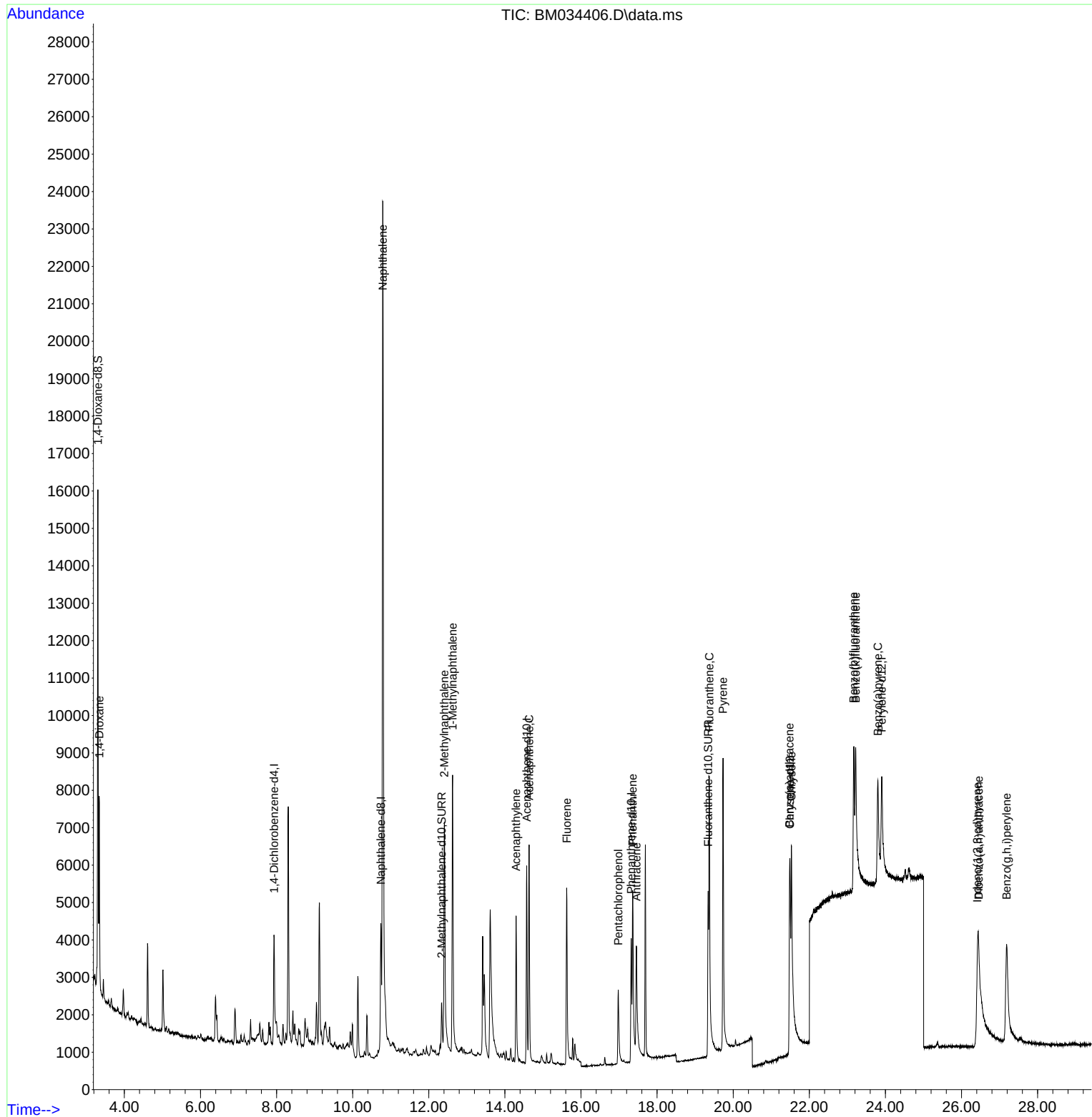
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034406.D
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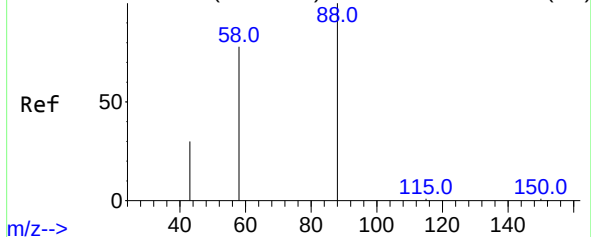
Manual Integrations
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Supervised By :Yogesh Patel 04/02/2022

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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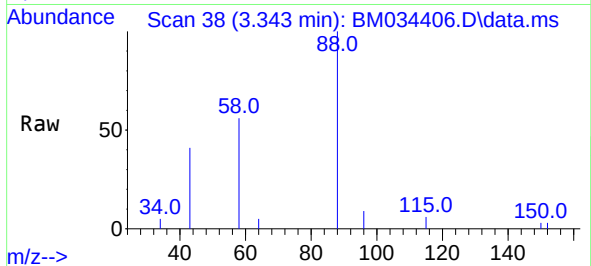


Abundance Scan 38 (3.343 min): BM034399.D\data.ms (-31)



#2
1,4-Dioxane
Concen: 1.026 ng/ul
RT: 3.343 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

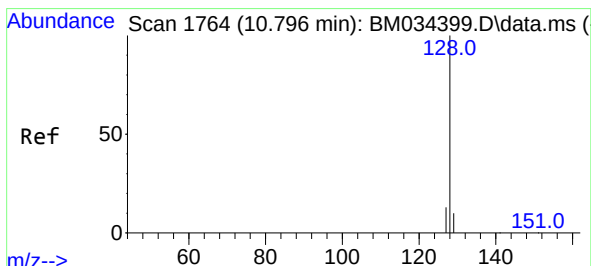
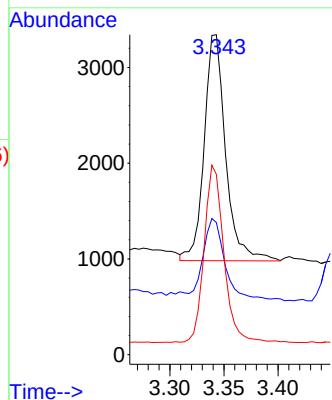
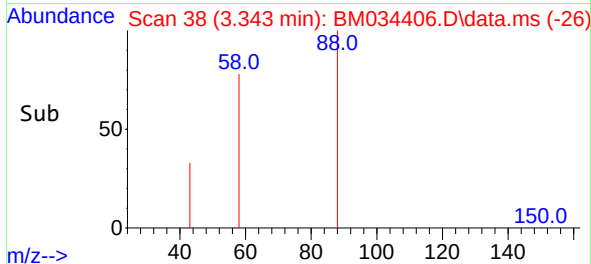
Instrument :
BNA_M
ClientSampleId :
EW607MSD



Tgt Ion: 88 Resp: 3258
Ion Ratio Lower Upper
88 100
43 41.3 49.7 74.5#
58 56.4 52.5 78.7#

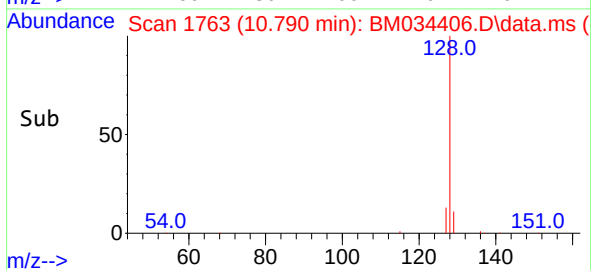
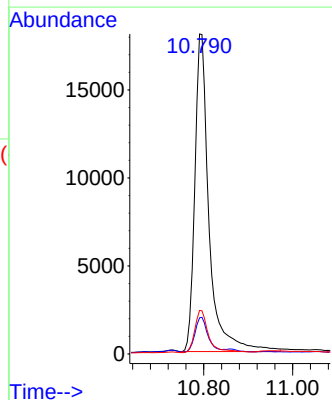
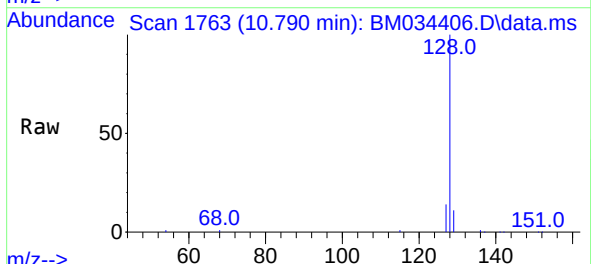
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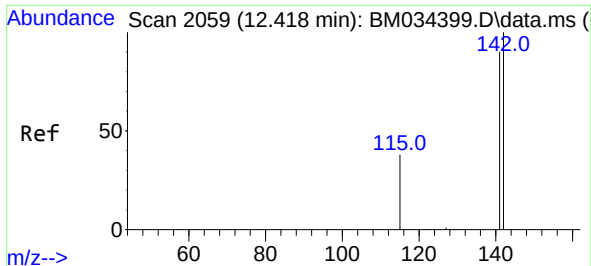
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#5
Naphthalene
Concen: 2.387 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

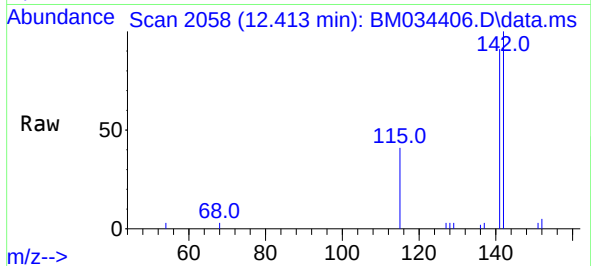
Tgt Ion:128 Resp: 40075
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2#
127 13.6 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.643 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

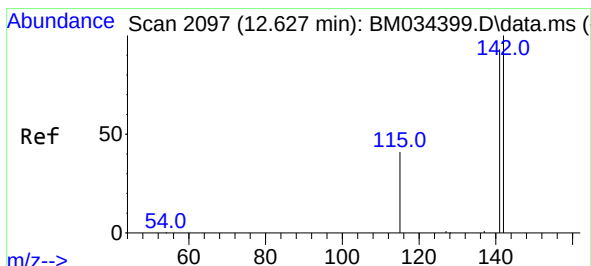
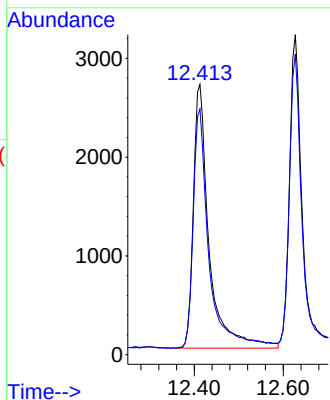
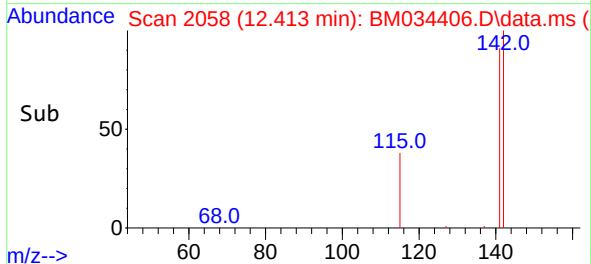
Instrument :
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ClientSampleId :
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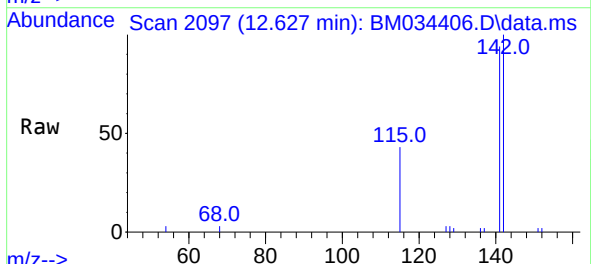
Tgt Ion:142 Resp: 660
Ion Ratio Lower Upper
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141 91.0 71.8 107.6

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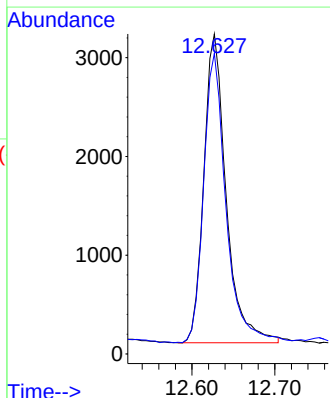
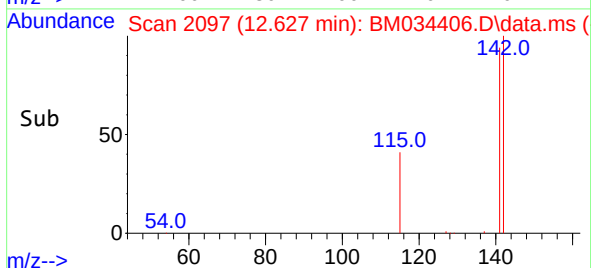
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

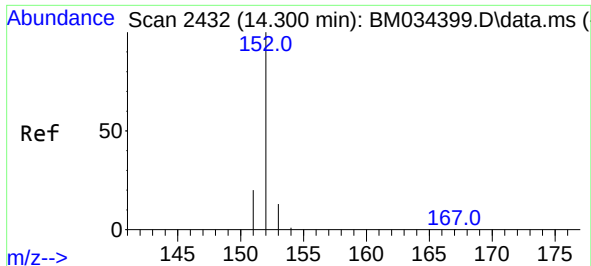


#8
1-Methylnaphthalene
Concen: 0.571 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.005 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28



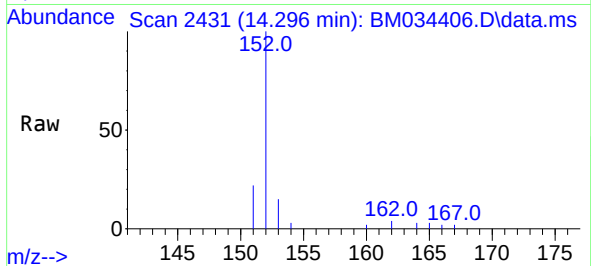
Tgt Ion:142 Resp: 5857
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4





#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.296 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

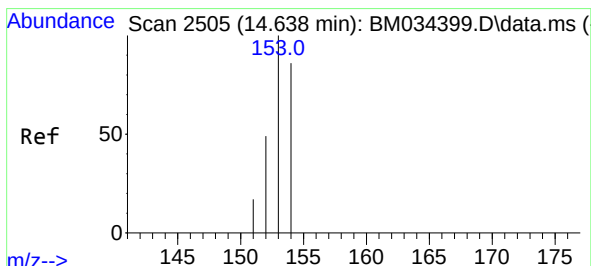
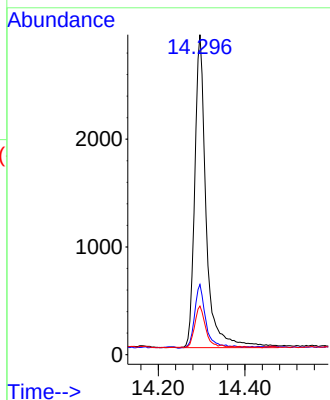
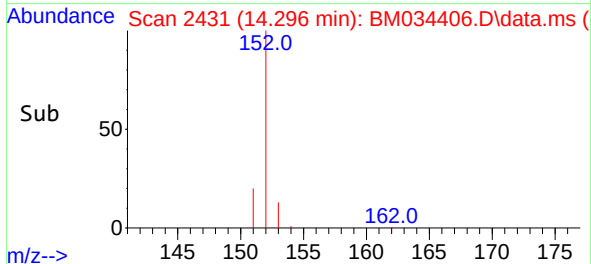
Instrument :
BNA_M
ClientSampleId :
EW607MSD



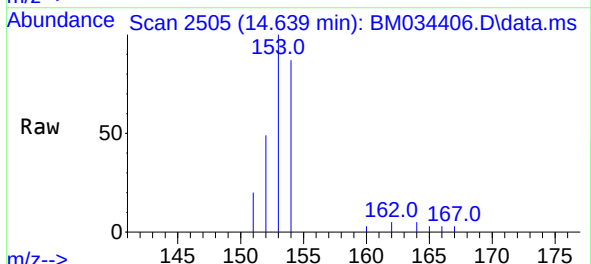
Tgt Ion:152 Resp: 5344
Ion Ratio Lower Upper
152 100
151 22.0 19.9 29.9
153 15.2 15.0 22.4

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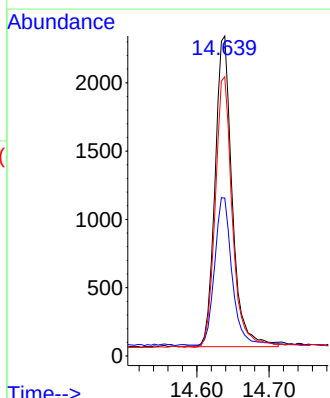
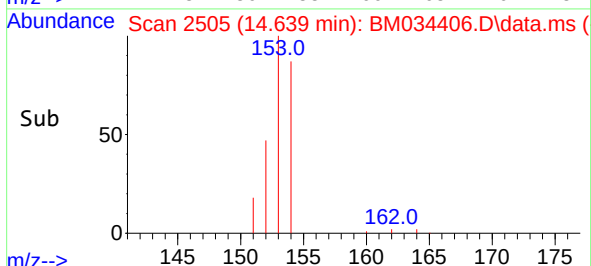
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

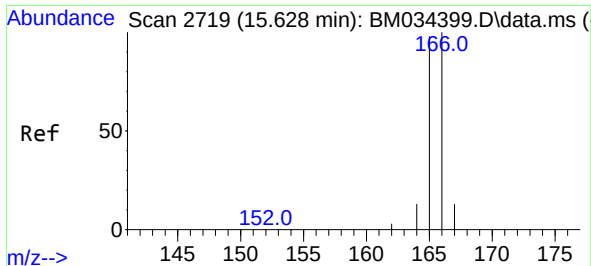


#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28



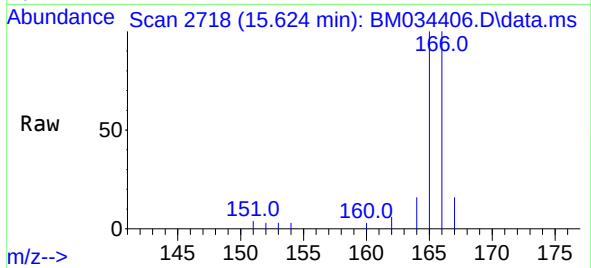
Tgt Ion:153 Resp: 3760
Ion Ratio Lower Upper
153 100
152 49.4 42.4 63.6
154 87.2 66.2 99.2





#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.624 min Scan# 2719
Delta R.T. -0.004 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

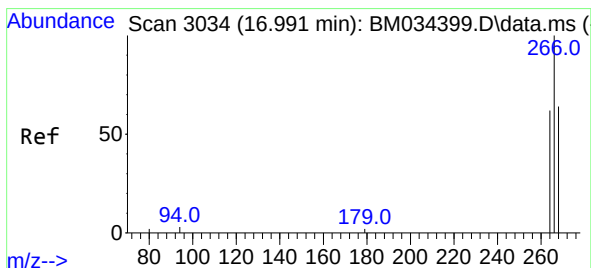
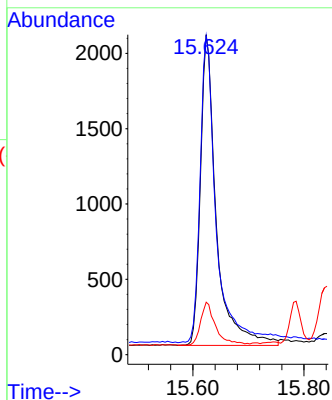
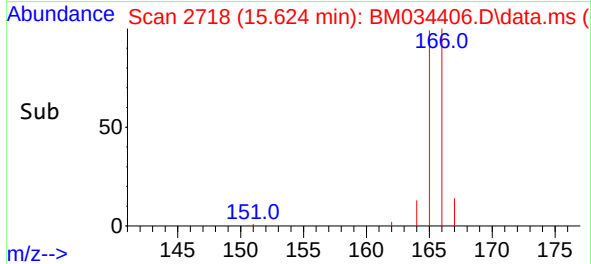
Instrument :
BNA_M
ClientSampleId :
EW607MSD



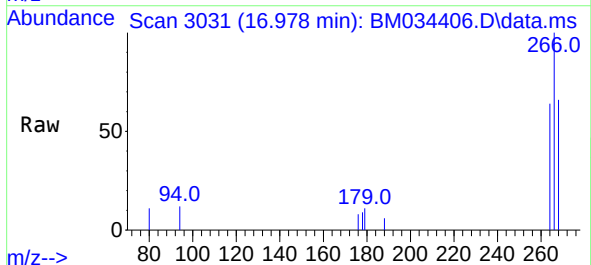
Tgt Ion:166 Resp: 4104
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 16.4 14.9 22.3

Manual Integrations
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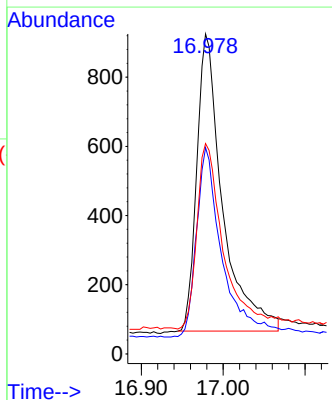
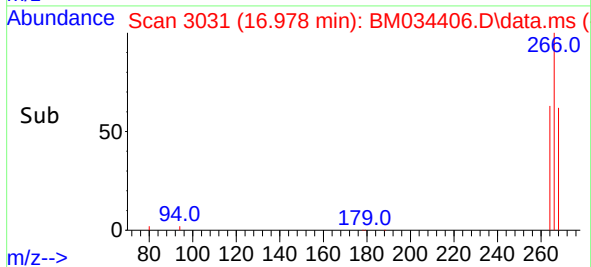
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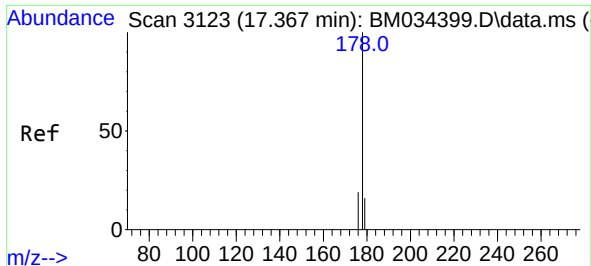


#14
Pentachlorophenol
Concen: 0.860 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.012 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28



Tgt Ion:266 Resp: 1878
Ion Ratio Lower Upper
266 100
264 63.5 51.4 77.0
268 65.4 53.1 79.7





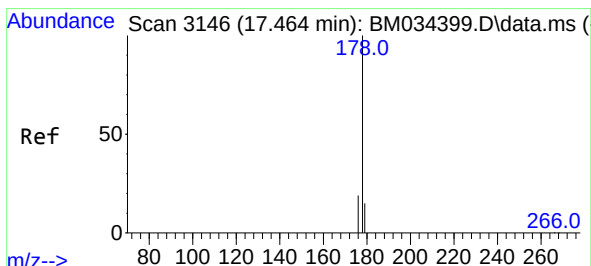
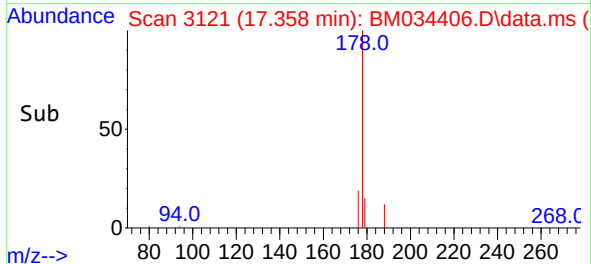
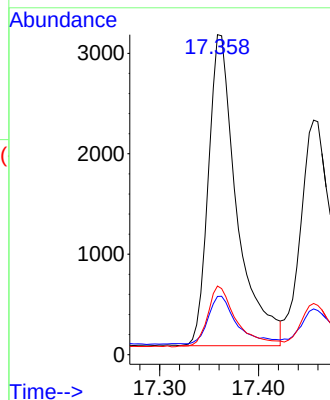
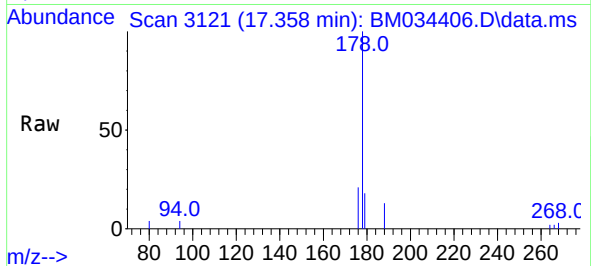
#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.358 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

Instrument :
BNA_M
ClientSampleId :
EW607MSD

Tgt Ion:178 Resp: 620
Ion Ratio Lower Upper
178 100
179 18.2 15.0 22.6
176 21.4 17.9 26.9

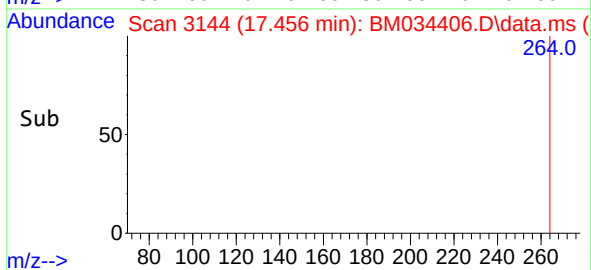
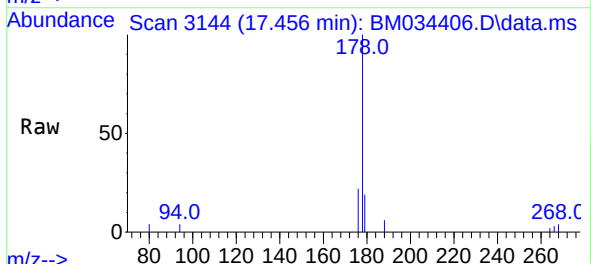
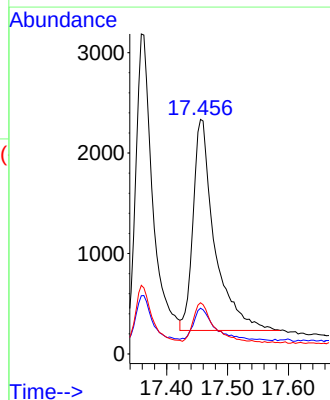
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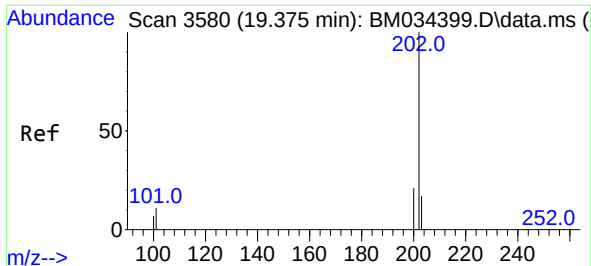
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.340 ng/u1
RT: 17.456 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

Tgt Ion:178 Resp: 5165
Ion Ratio Lower Upper
178 100
179 19.5 16.5 24.7
176 21.8 18.3 27.5





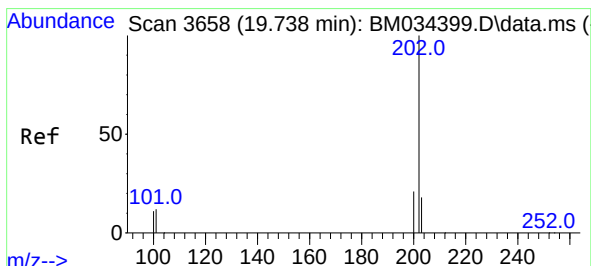
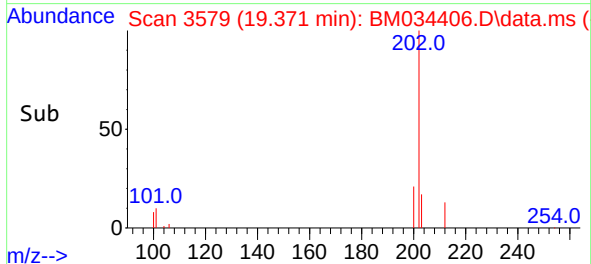
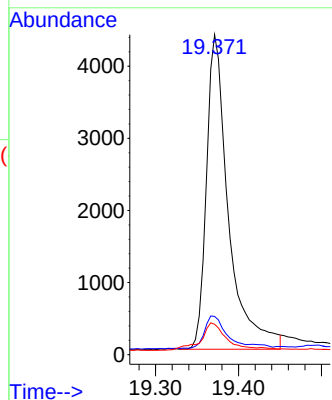
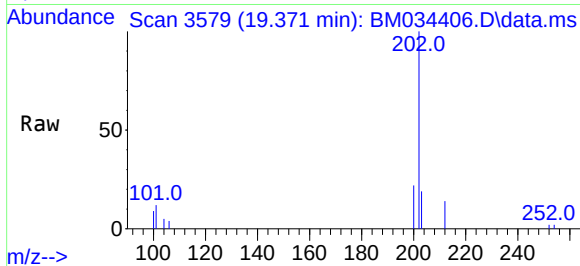
#19
Fluoranthene
Concen: 0.398 ng/u1
RT: 19.371 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	9.5	7.2	10.8

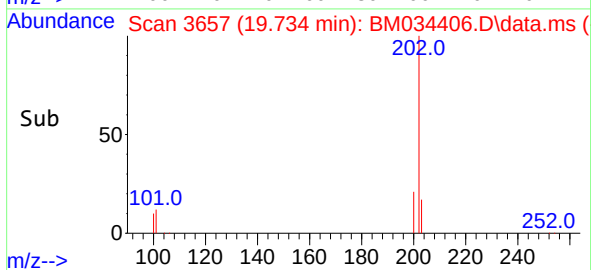
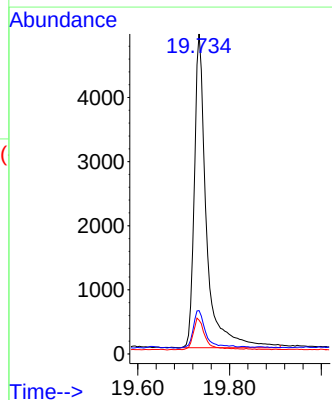
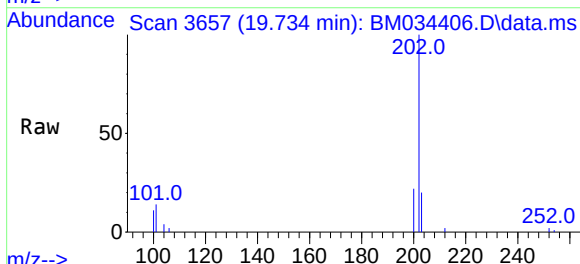
Manual Integrations
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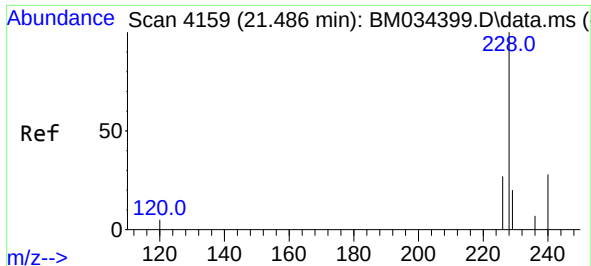
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.401 ng/u1
RT: 19.734 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

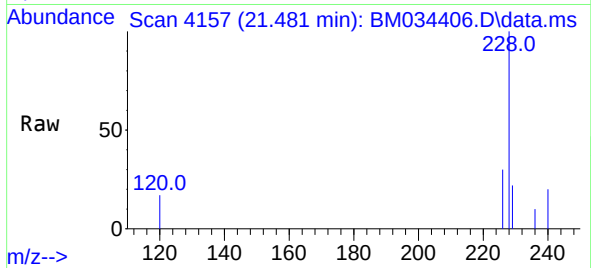
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.3	13.9
100	10.6	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.481 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

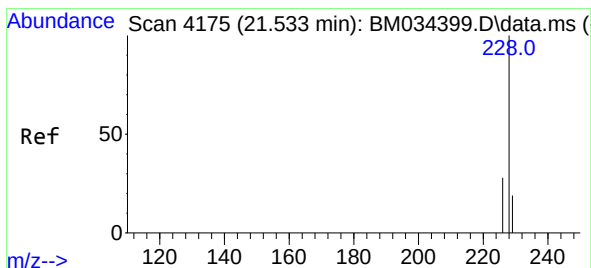
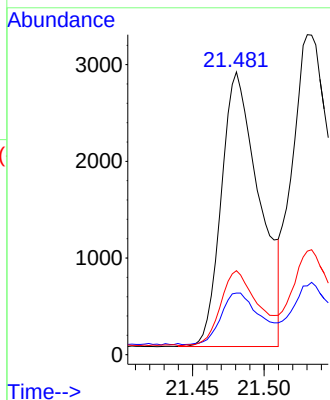
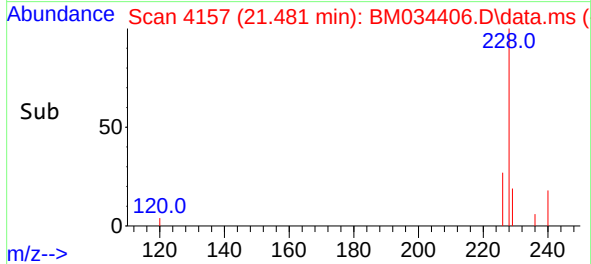
Instrument :
BNA_M
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EW607MSD



Tgt Ion:228 Resp: 5249
Ion Ratio Lower Upper
228 100
229 21.8 17.3 25.9
226 29.7 23.2 34.8

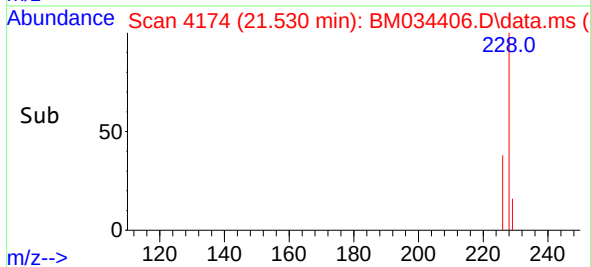
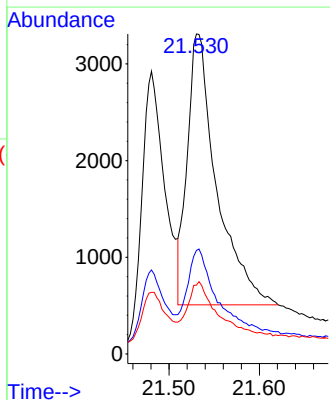
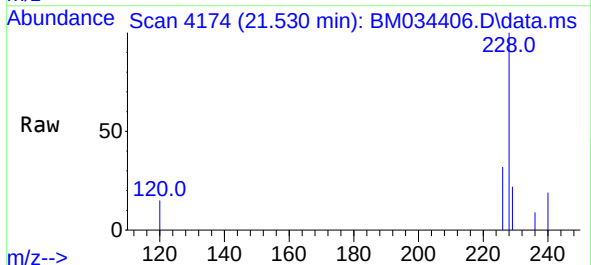
Manual Integrations
APPROVED

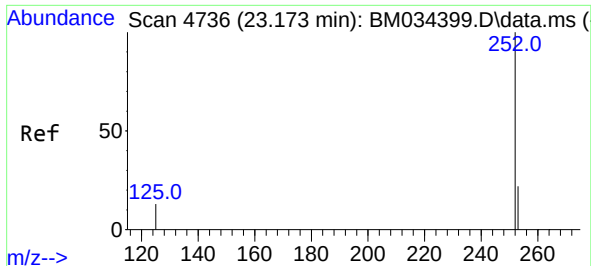
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. -0.008 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

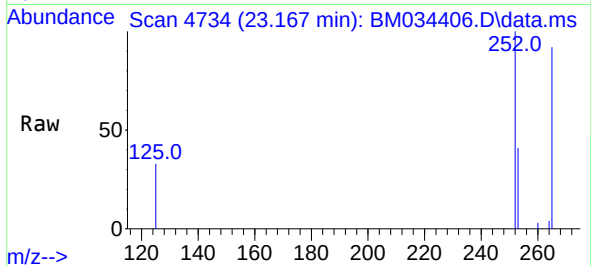
Tgt Ion:228 Resp: 6347
Ion Ratio Lower Upper
228 100
226 32.4 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul m
RT: 23.167 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

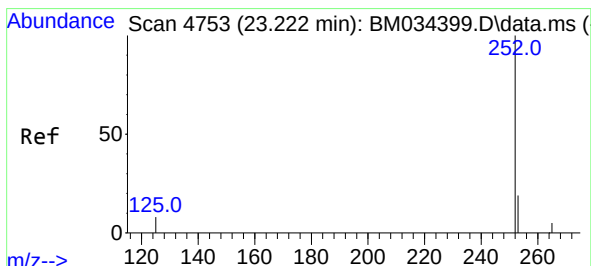
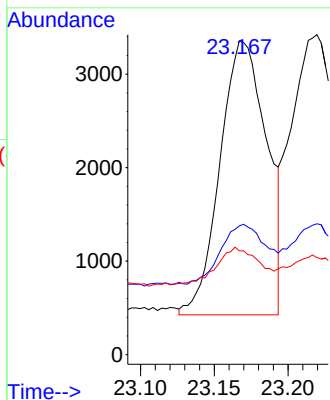
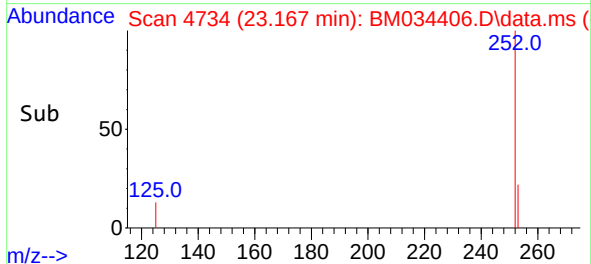
Instrument :
BNA_M
ClientSampleId :
EW607MSD



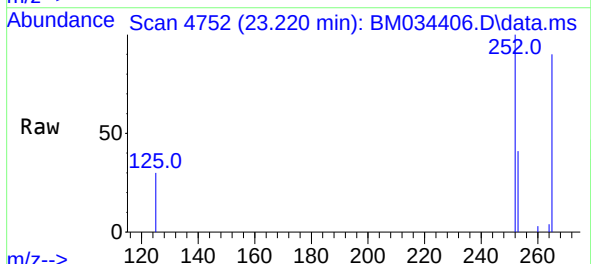
Tgt Ion:252 Resp: 6454
Ion Ratio Lower Upper
252 100
253 41.0 0.0 64.2
125 33.1 0.0 28.8

Manual Integrations
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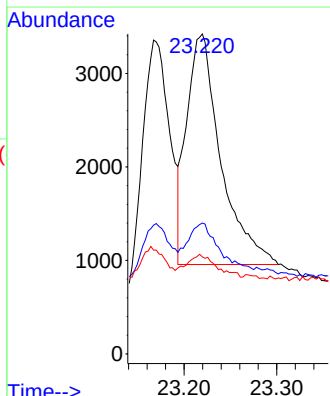
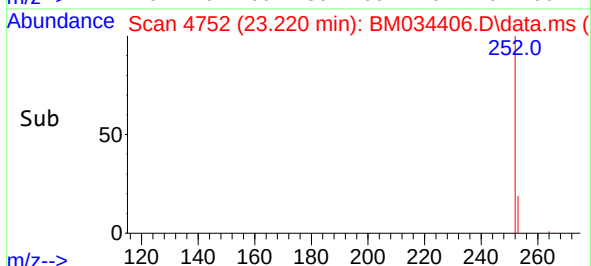
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

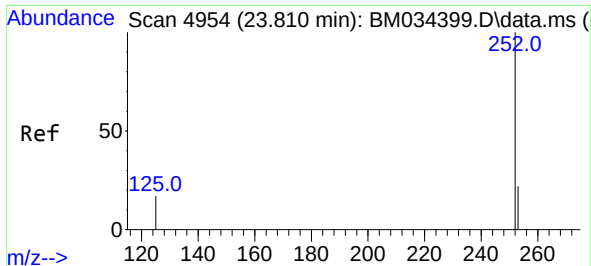


#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.220 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28



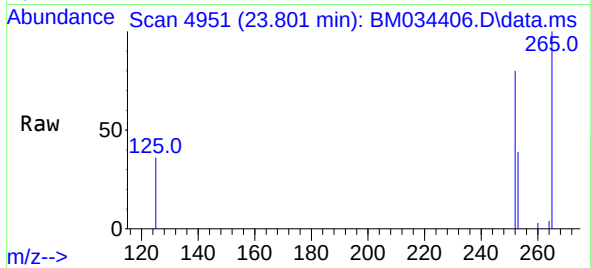
Tgt Ion:252 Resp: 6308
Ion Ratio Lower Upper
252 100
253 40.9 26.8 40.2#
125 30.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.801 min Scan# 4954
Delta R.T. -0.006 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28

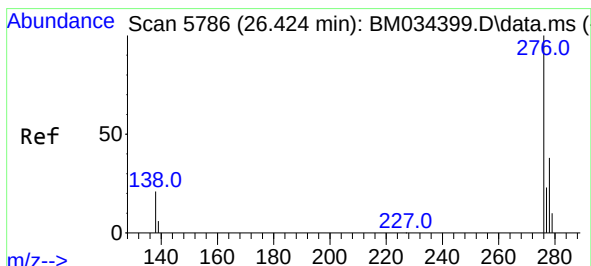
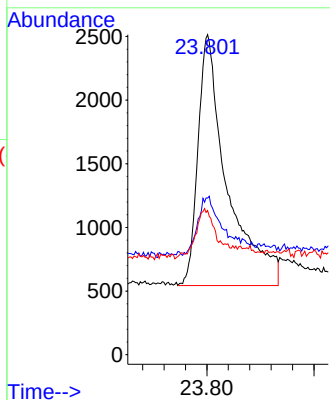
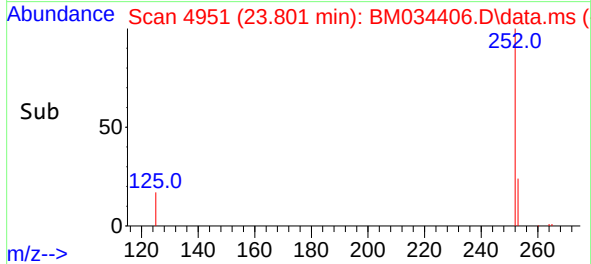
Instrument :
BNA_M
ClientSampleId :
EW607MSD



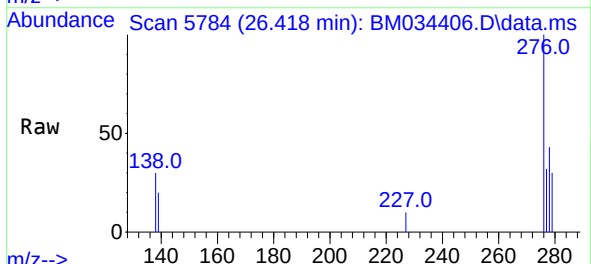
Tgt Ion:252 Resp: 7459
Ion Ratio Lower Upper
252 100
253 49.0 32.0 48.0
125 45.1 14.5 21.7

Manual Integrations
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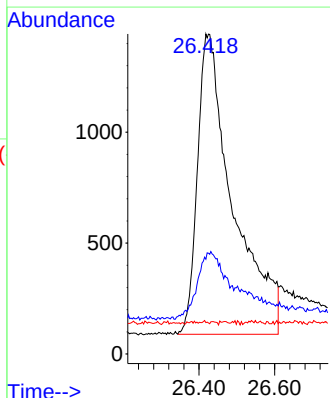
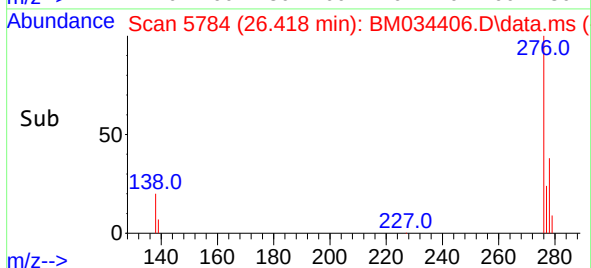
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

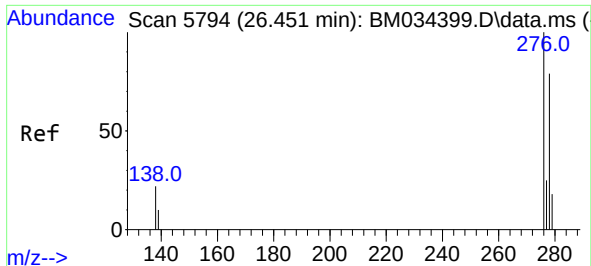


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.418 min Scan# 5784
Delta R.T. -0.017 min
Lab File: BM034406.D
Acq: 29 Mar 2022 14:28



Tgt Ion:276 Resp: 8808
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.381 ng/ul

RT: 26.451 min Scan# 51

Delta R.T. -0.006 min

Lab File: BM034406.D

Acq: 29 Mar 2022 14:28

Instrument :

BNA_M

ClientSampleId :

EW607MSD

Tgt Ion:278 Resp: 6695

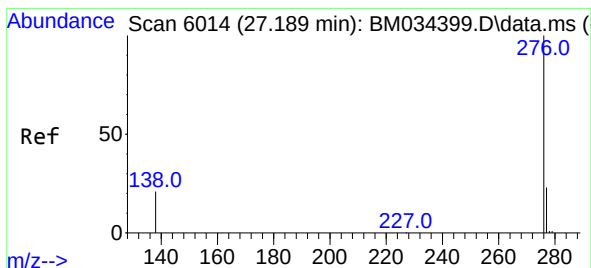
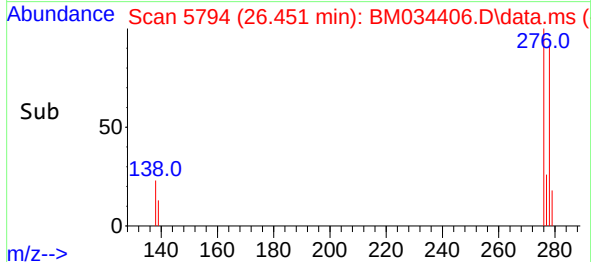
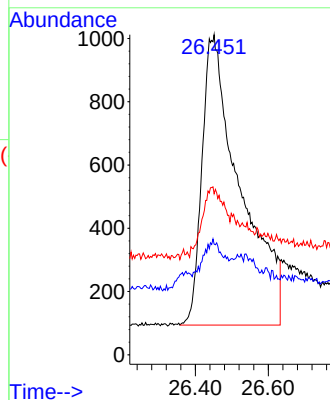
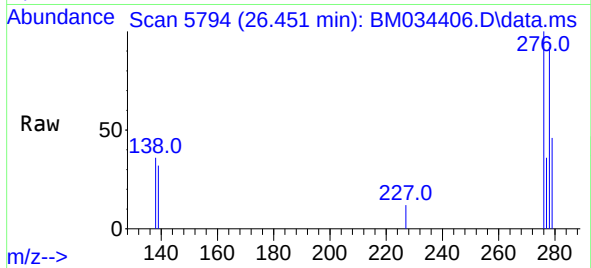
Ion	Ratio	Lower	Upper
278	100		
139	34.6	18.0	27.0
279	50.3	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022



#29

Benzo(g,h,i)perylene

Concen: 0.397 ng/ul

RT: 27.186 min Scan# 6013

Delta R.T. -0.020 min

Lab File: BM034406.D

Acq: 29 Mar 2022 14:28

Tgt Ion:276 Resp: 8995

Ion	Ratio	Lower	Upper
276	100		
138	28.2	17.4	26.0
277	30.0	22.6	33.8

