

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034407.D
 Acq On : 29 Mar 2022 15:04
 Operator : CG/JU
 Sample : N2079-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW5Y9

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 02:30:23 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	7.933	152	2582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	7358	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.573	164	4386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	8582m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.498	240	6504	0.400	ng/ul	# 0.00
23) Perylene-d12	23.892	264	21720m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	18103	4.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	4159	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	10150	0.500	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	4315	1.017	ng/ul#	83
10) Acenaphthylene	14.291	152	2228	0.106	ng/ul	96
15) Phenanthrene	17.354	178	3430	0.125	ng/ul	99
16) Anthracene	17.443	178	1338	0.056	ng/ul#	87
19) Fluoranthene	19.371	202	6034	0.206	ng/ul	99
20) Pyrene	19.729	202	5890m	0.182	ng/ul	
21) Benzo(a)anthracene	21.483	228	2395	0.118	ng/ul#	65
22) Chrysene	21.533	228	2065	0.089	ng/ul#	81
24) Benzo(b)fluoranthene	23.167	252	3428m	0.046	ng/ul	
25) Benzo(k)fluoranthene	23.211	252	1612m	0.022	ng/ul	
26) Benzo(a)pyrene	23.786	252	3099	0.040	ng/ul#	51
29) Benzo(g,h,i)perylene	27.196	276	2126	0.022	ng/ul#	58

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

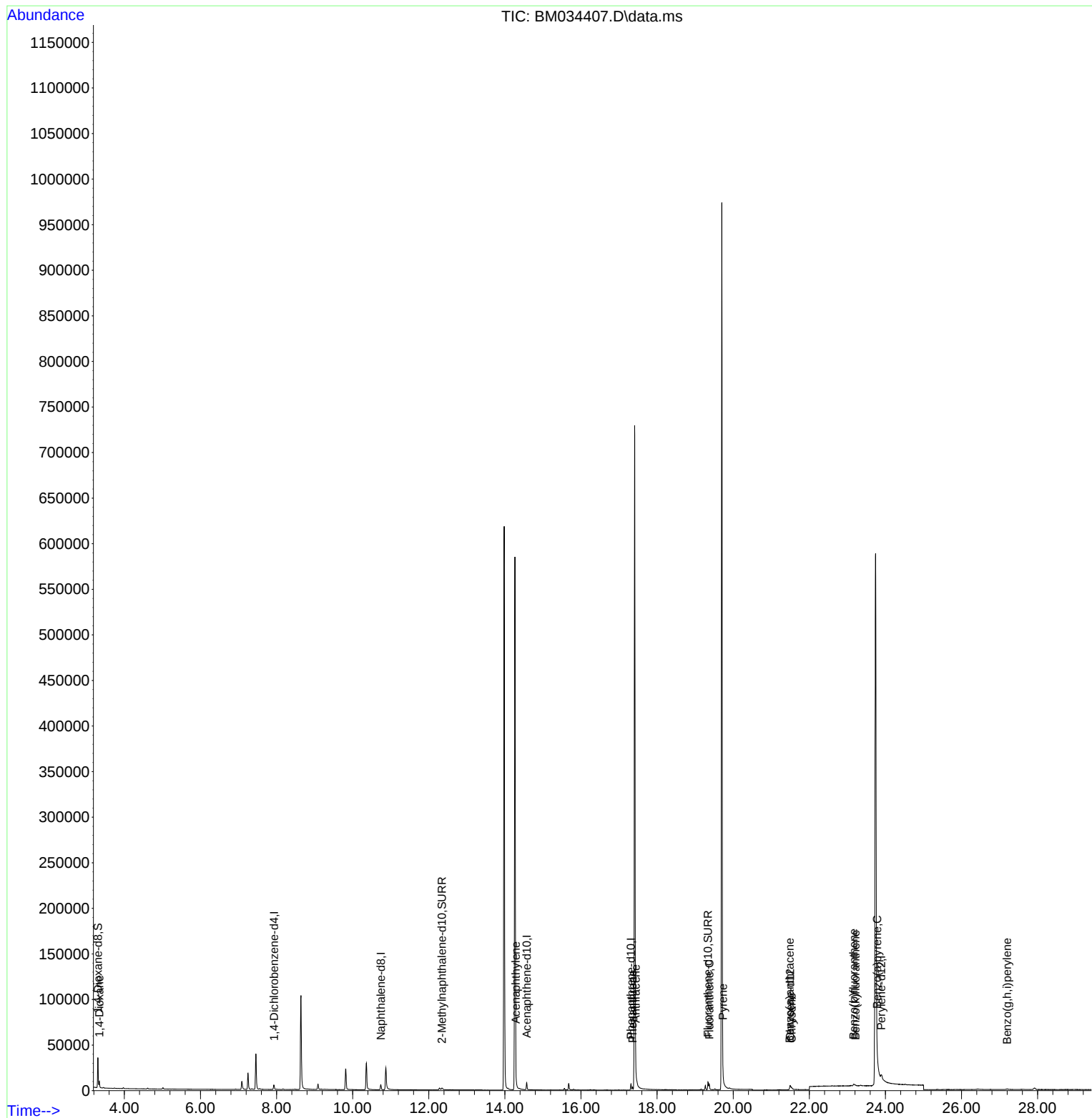
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034407.D
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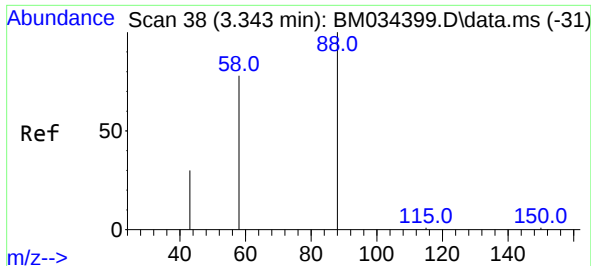
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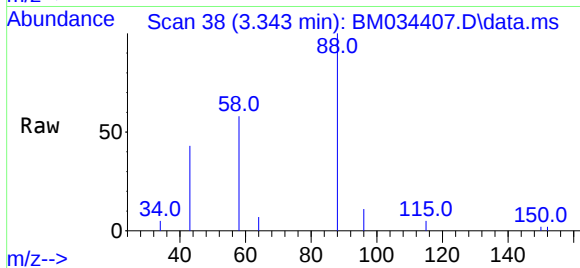
Quant Time: Mar 30 02:30:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
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#2
1,4-Dioxane
Concen: 1.017 ng/ul
RT: 3.343 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

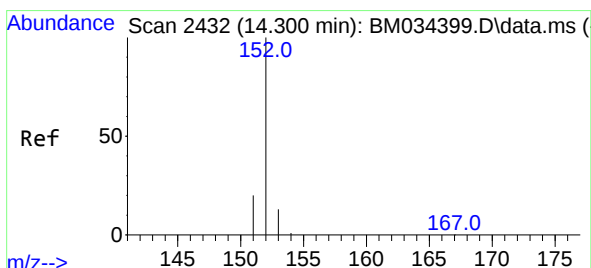
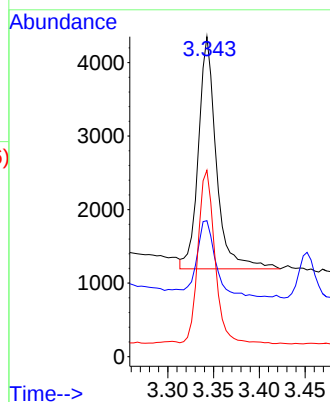
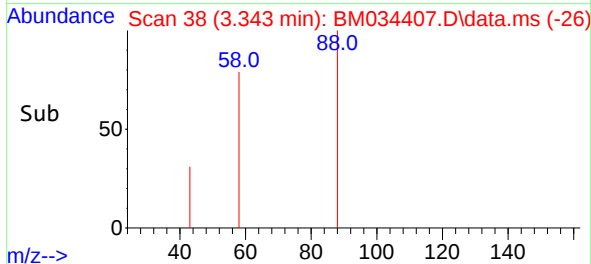
Instrument :
BNA_M
ClientSampleId :
EW5Y9



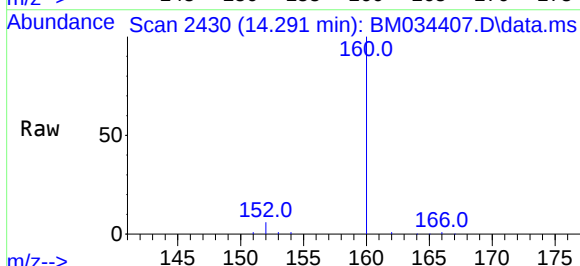
Tgt Ion: 88 Resp: 431
Ion Ratio Lower Upper
88 100
43 42.5 49.7 74.5
58 58.2 52.5 78.7

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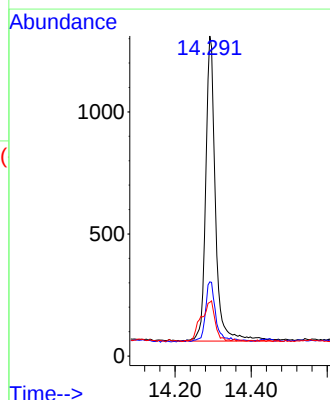
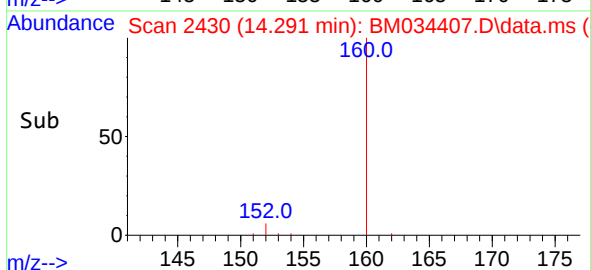
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

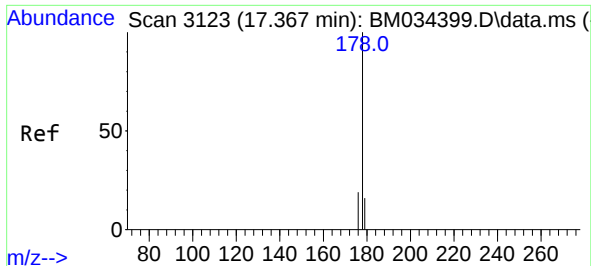


#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.291 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04



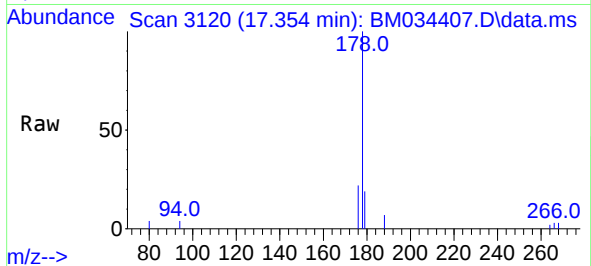
Tgt Ion:152 Resp: 2228
Ion Ratio Lower Upper
152 100
151 23.2 19.9 29.9
153 16.8 15.0 22.4





#15
Phenanthrene
Concen: 0.125 ng/ul
RT: 17.354 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

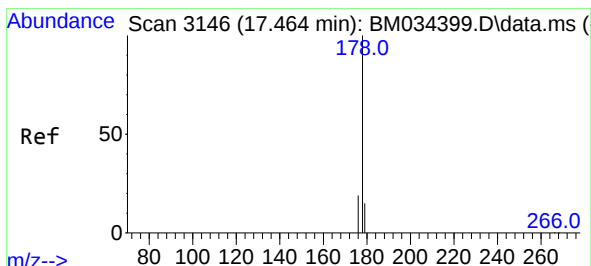
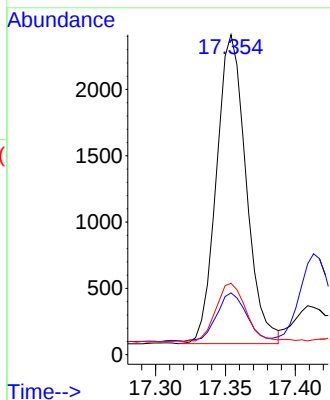
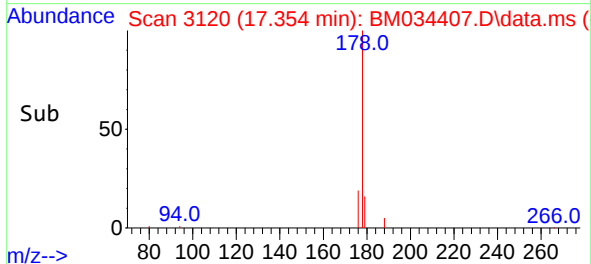
Instrument :
BNA_M
ClientSampleId :
EW5Y9



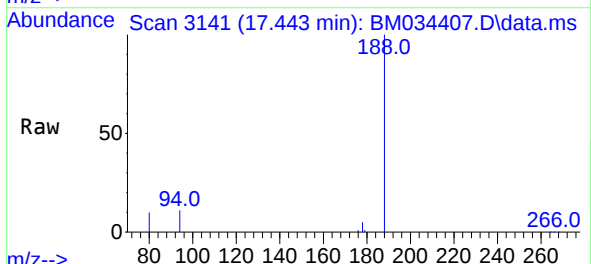
Tgt Ion:178 Resp: 3430
Ion Ratio Lower Upper
178 100
179 19.3 15.0 22.6
176 22.3 17.9 26.9

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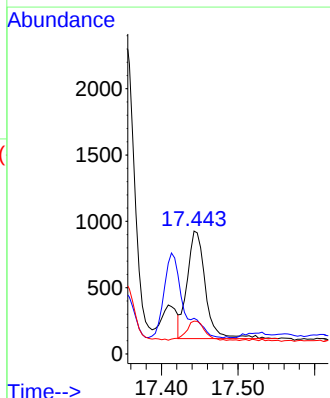
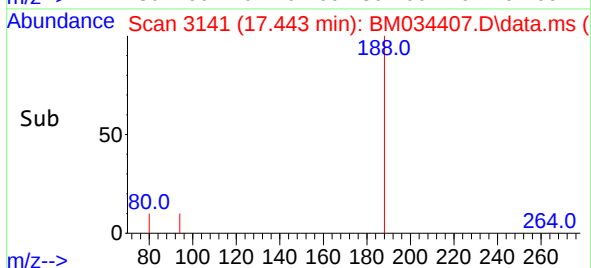
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

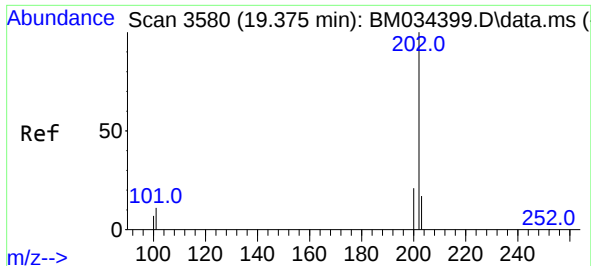


#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. -0.017 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04



Tgt Ion:178 Resp: 1338
Ion Ratio Lower Upper
178 100
179 29.1 16.5 24.7#
176 26.8 18.3 27.5





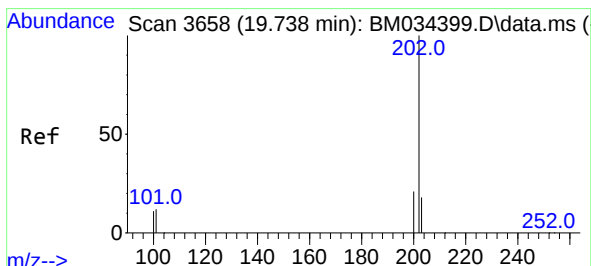
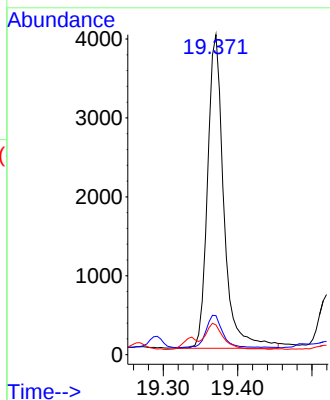
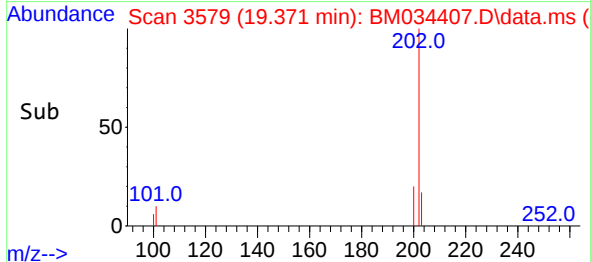
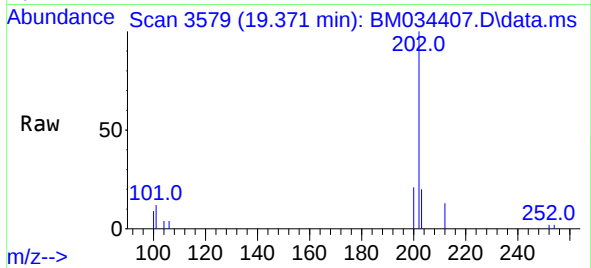
#19
Fluoranthene
Concen: 0.206 ng/u1
RT: 19.371 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

Instrument :
BNA_M
ClientSampleId :
EW5Y9

Tgt Ion:202 Resp: 6034
Ion Ratio Lower Upper
202 100
101 12.2 9.2 13.8
100 9.3 7.2 10.8

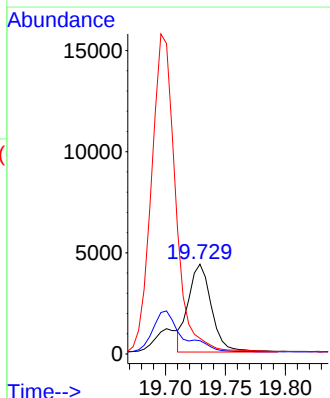
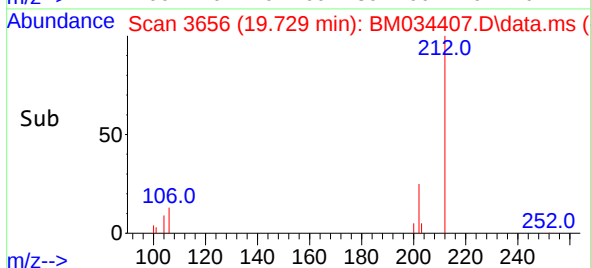
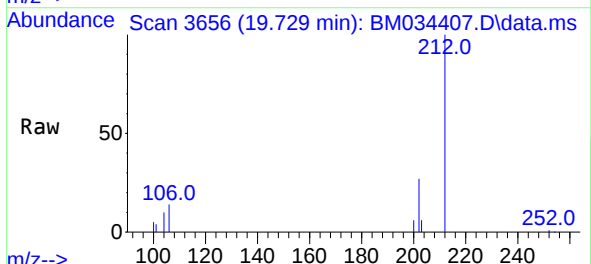
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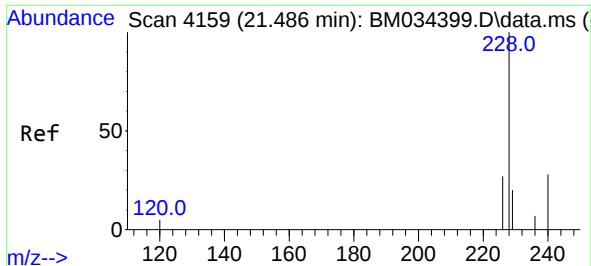
Reviewed By :Jagrut Upadhyay 03/31/2022
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#20
Pyrene
Concen: 0.182 ng/u1 m
RT: 19.729 min Scan# 3656
Delta R.T. -0.009 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

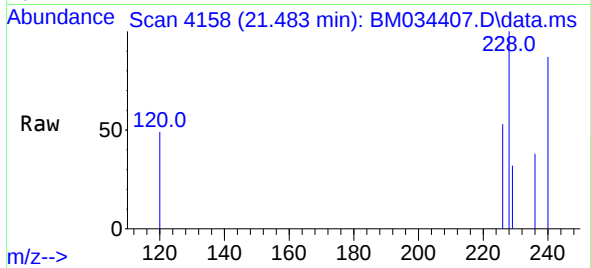
Tgt Ion:202 Resp: 5890
Ion Ratio Lower Upper
202 100
101 14.7 9.3 13.9#
100 17.5 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.118 ng/u1
RT: 21.483 min Scan# 4159
Delta R.T. -0.003 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

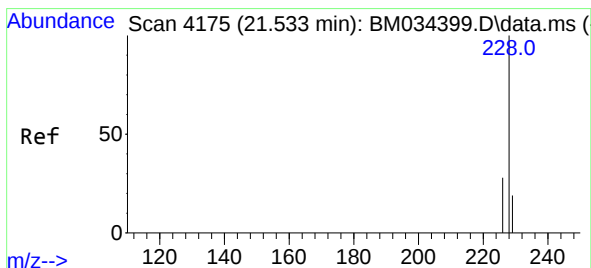
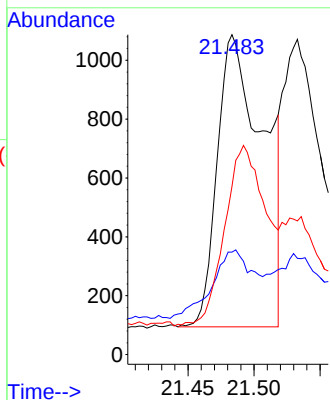
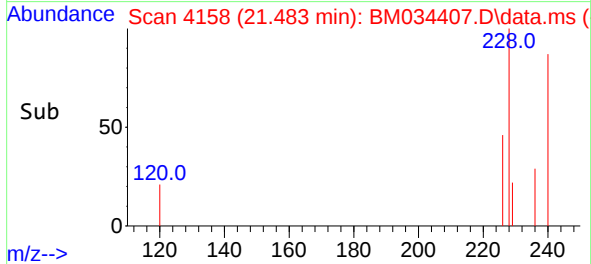
Instrument :
BNA_M
ClientSampleId :
EW5Y9



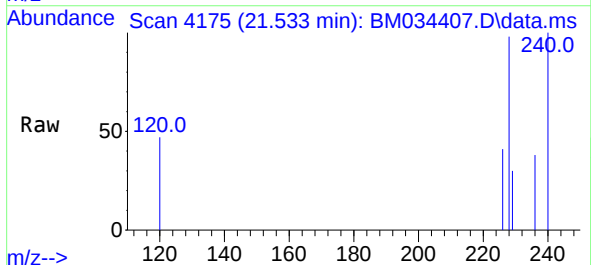
Tgt Ion:228 Resp: 2395
Ion Ratio Lower Upper
228 100
229 32.0 17.3 25.9#
226 52.5 23.2 34.8#

Manual Integrations
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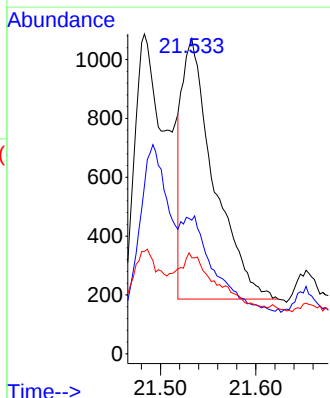
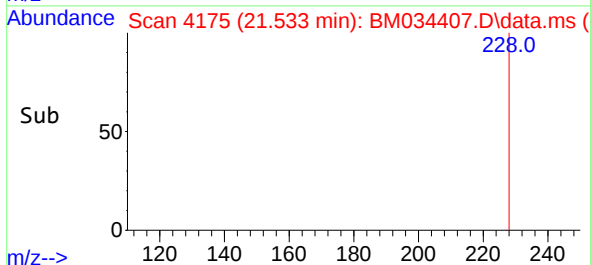
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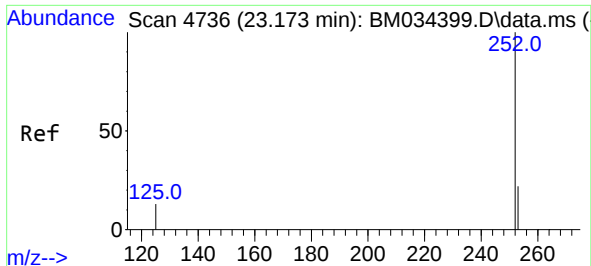


#22
Chrysene
Concen: 0.089 ng/u1
RT: 21.533 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04



Tgt Ion:228 Resp: 2065
Ion Ratio Lower Upper
228 100
226 42.4 25.8 38.8#
229 30.5 16.7 25.1#





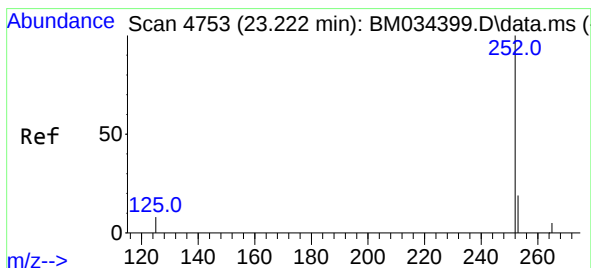
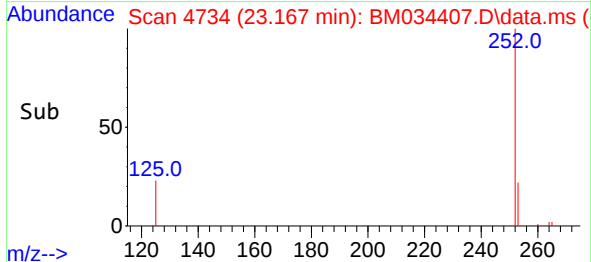
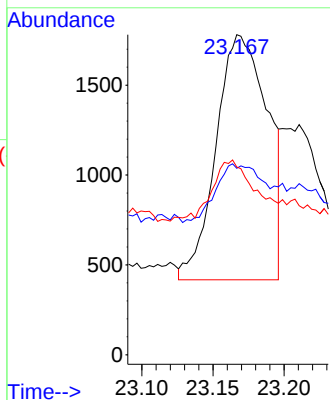
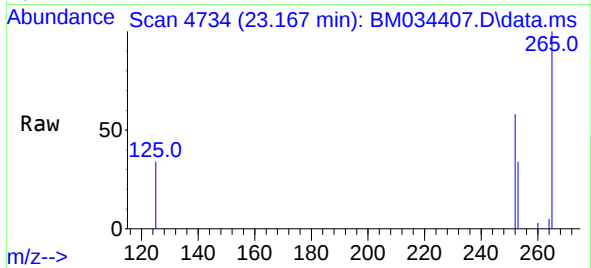
#24
Benzo(b)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.167 min Scan# 4748
Delta R.T. -0.009 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

Instrument :
BNA_M
ClientSampleId :
EW5Y9

Tgt Ion:252 Resp: 3428
Ion Ratio Lower Upper
252 100
253 58.3 0.0 64.2
125 58.7 0.0 28.8

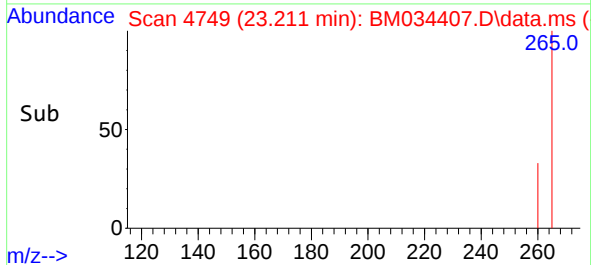
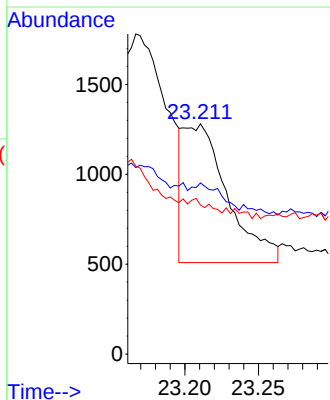
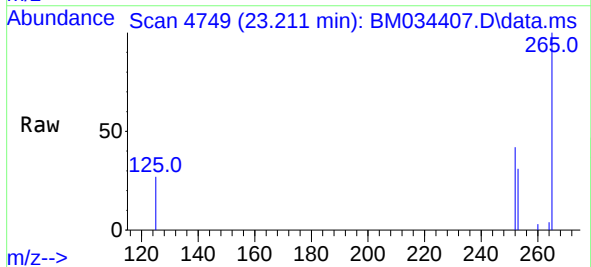
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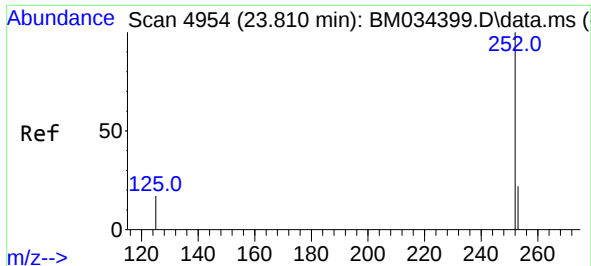
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.211 min Scan# 4749
Delta R.T. -0.015 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

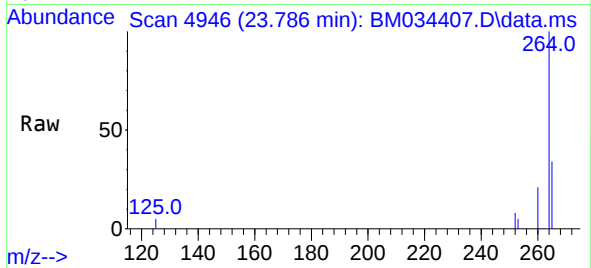
Tgt Ion:252 Resp: 1612
Ion Ratio Lower Upper
252 100
253 74.3 26.8 40.2#
125 64.7 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.040 ng/u1
RT: 23.786 min Scan# 4954
Delta R.T. -0.021 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

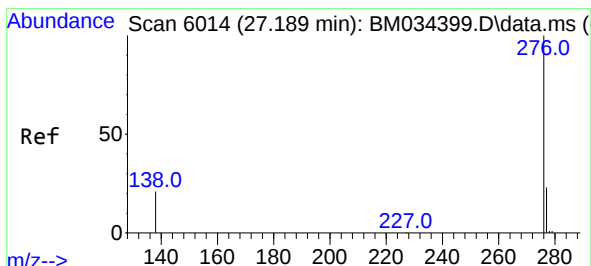
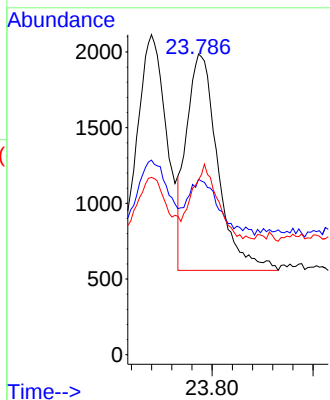
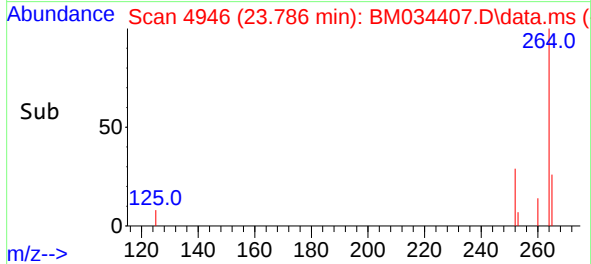
Instrument :
BNA_M
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Tgt Ion:252 Resp: 3099
Ion Ratio Lower Upper
252 100
253 58.4 32.0 48.0#
125 58.2 14.5 21.7#

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#29
Benzo(g,h,i)perylene
Concen: 0.022 ng/u1
RT: 27.196 min Scan# 6016
Delta R.T. -0.010 min
Lab File: BM034407.D
Acq: 29 Mar 2022 15:04

Tgt Ion:276 Resp: 2126
Ion Ratio Lower Upper
276 100
138 46.1 17.4 26.0#
277 46.5 22.6 33.8#

