

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034904.D
 Acq On : 03 May 2022 23:44
 Operator : CG/JU
 Sample : N2562-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW464

Manual Integrations
 APPROVED

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

Quant Time: May 04 03:04:23 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	5249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	14070	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	7738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	14639	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	10166	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	10401	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	18940	3.262	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	4318	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	7810	0.244	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.339	178	9275	0.192	ng/ul	97
19) Fluoranthene	19.350	202	13610	0.279	ng/ul	99
20) Pyrene	19.713	202	11320m	0.231	ng/ul	
21) Benzo(a)anthracene	21.455	228	3161	0.080	ng/ul	94
22) Chrysene	21.508	228	5398	0.128	ng/ul	97
24) Benzo(b)fluoranthene	23.136	252	6736	0.142	ng/ul#	76
25) Benzo(k)fluoranthene	23.174	252	2350m	0.050	ng/ul	
26) Benzo(a)pyrene	23.750	252	3558	0.092	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.325	276	3005	0.055	ng/ul#	83
29) Benzo(g,h,i)perylene	27.080	276	2500	0.053	ng/ul#	80

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

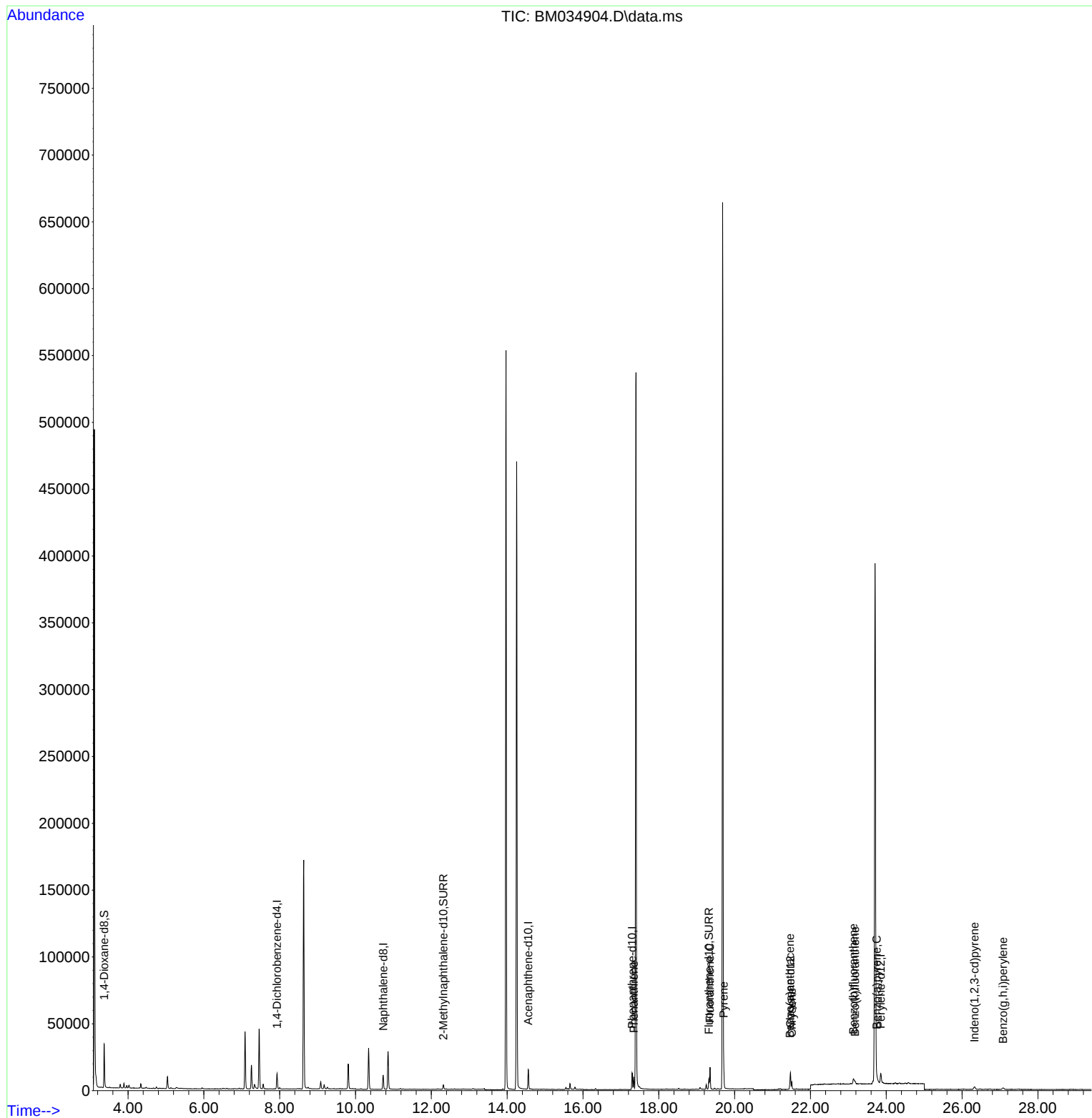
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034904.D
Acq On : 03 May 2022 23:44
Operator : CG/JU
Sample : N2562-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

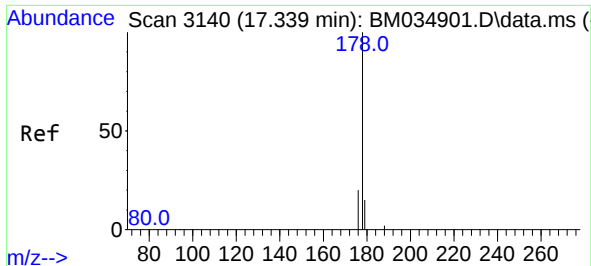
Instrument :
BNA_M
ClientSampleId :
EW464

Manual Integrations
APPROVED

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

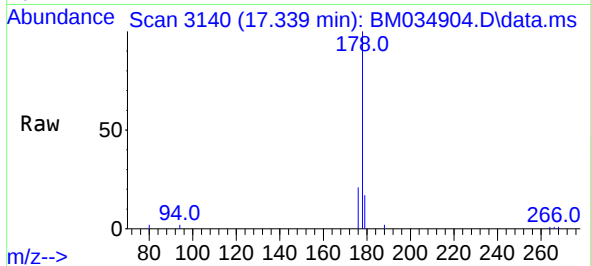
Quant Time: May 04 03:04:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.192 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

Instrument :
BNA_M
ClientSampleId :
EW464

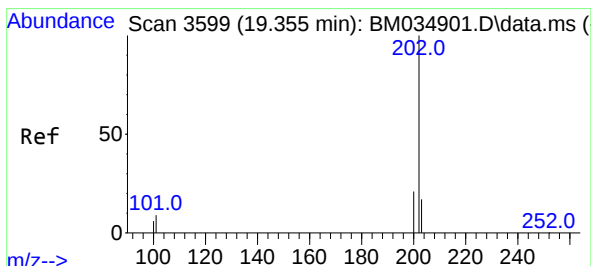
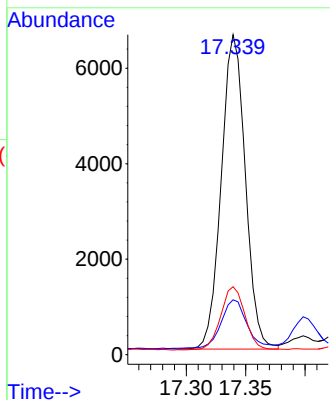
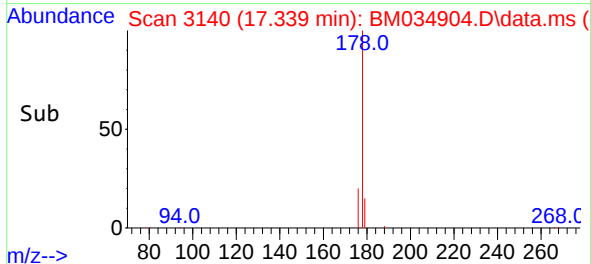


Tgt Ion:178 Resp: 9275

Ion	Ratio	Lower	Upper
178	100		
179	17.2	15.0	22.6
176	21.3	17.9	26.9

Manual Integrations
APPROVED

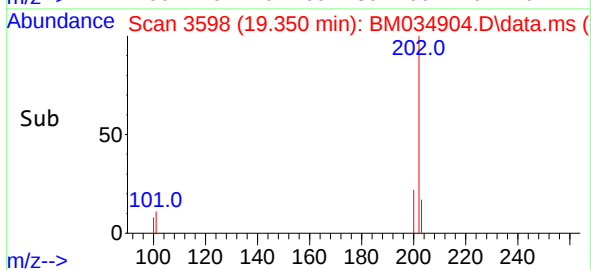
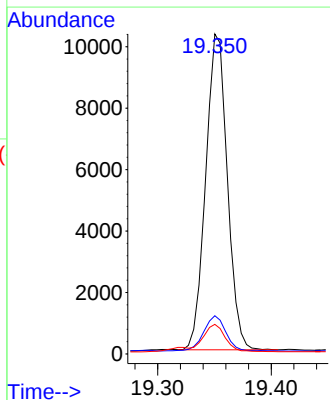
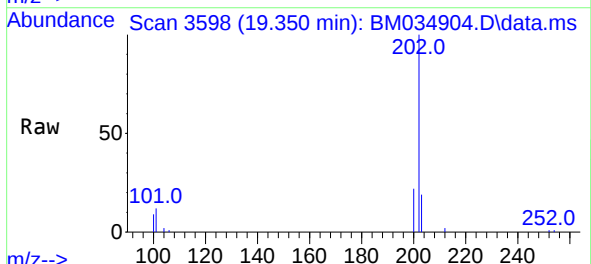
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

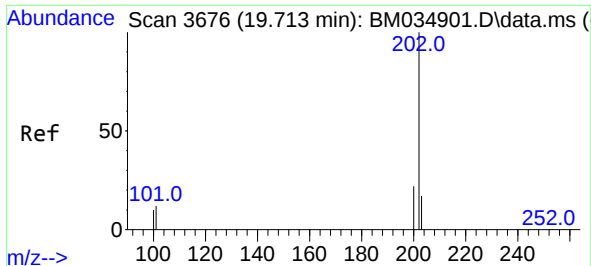


#19
Fluoranthene
Concen: 0.279 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

Tgt Ion:202 Resp: 13610

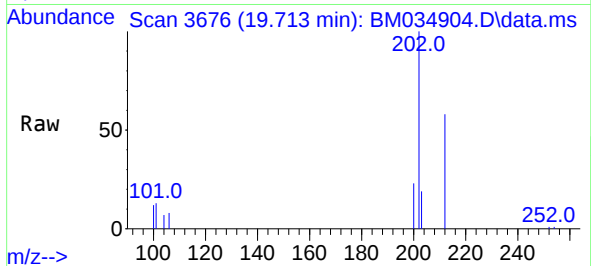
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	9.3	7.2	10.8





#20
Pyrene
Concen: 0.231 ng/ul m
RT: 19.713 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

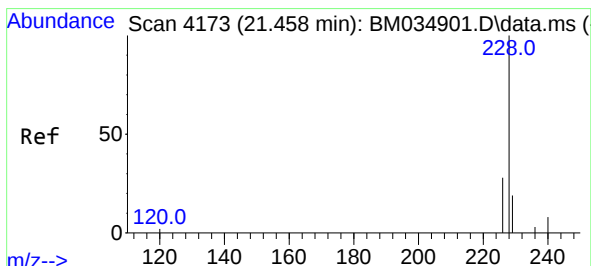
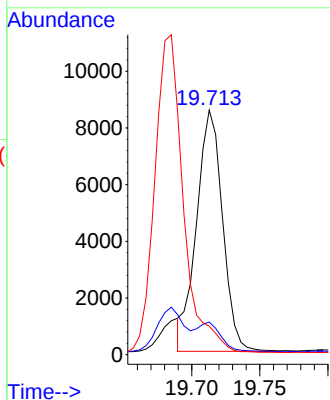
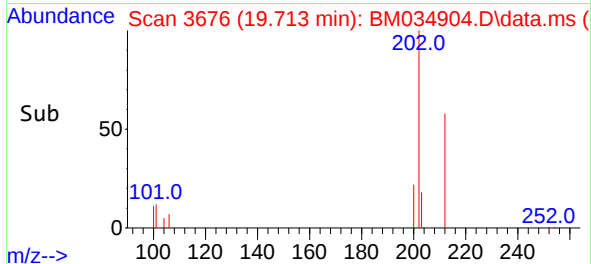
Instrument :
BNA_M
ClientSampleId :
EW464



Tgt Ion:202 Resp: 11320
Ion Ratio Lower Upper
202 100
101 13.3 9.3 13.9
100 11.6 7.8 11.6

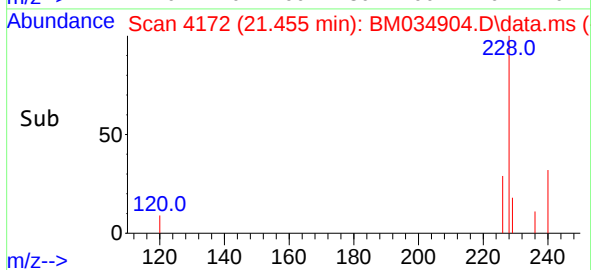
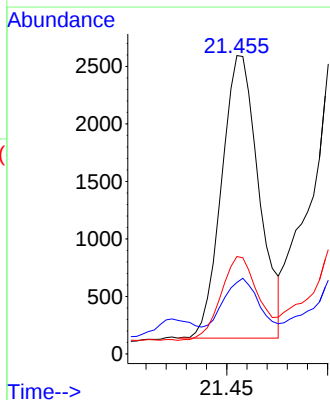
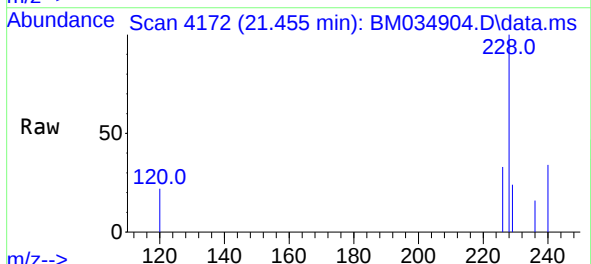
Manual Integrations
APPROVED

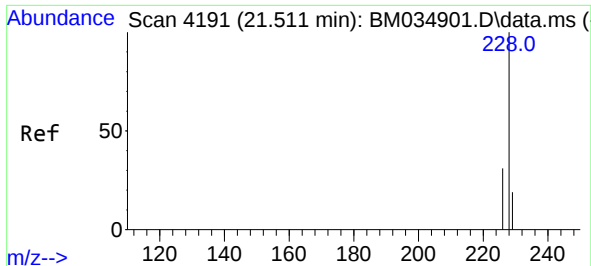
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#21
Benzo(a)anthracene
Concen: 0.080 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

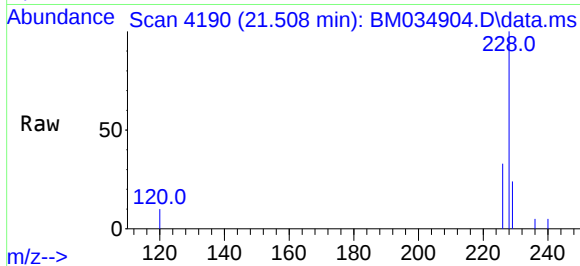
Tgt Ion:228 Resp: 3161
Ion Ratio Lower Upper
228 100
229 24.0 17.3 25.9
226 32.7 23.2 34.8





#22
Chrysene
Concen: 0.128 ng/ul
RT: 21.508 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

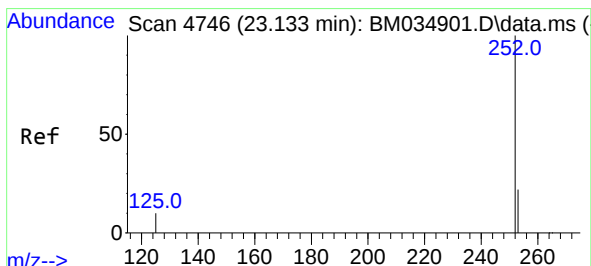
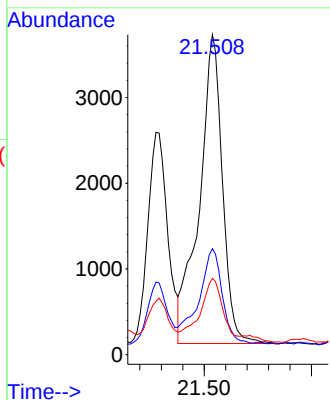
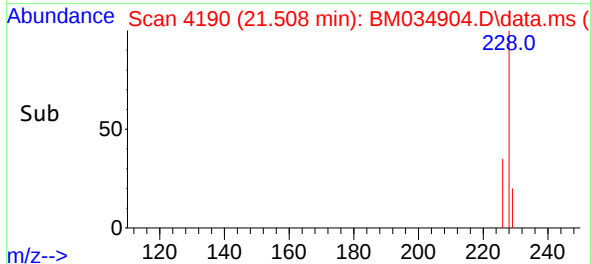
Instrument :
BNA_M
ClientSampleId :
EW464



Tgt Ion:228 Resp: 5398
Ion Ratio Lower Upper
228 100
226 33.2 25.8 38.8
229 23.8 16.7 25.1

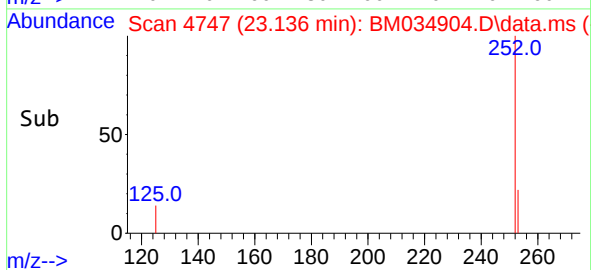
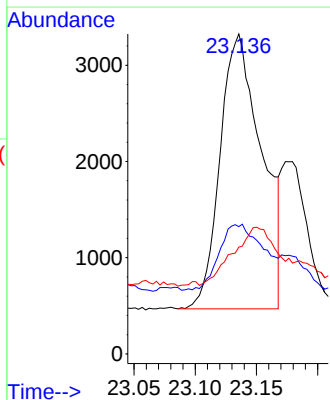
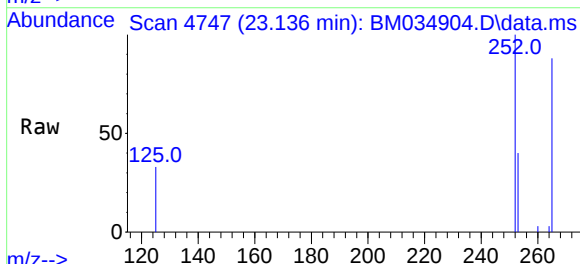
Manual Integrations
APPROVED

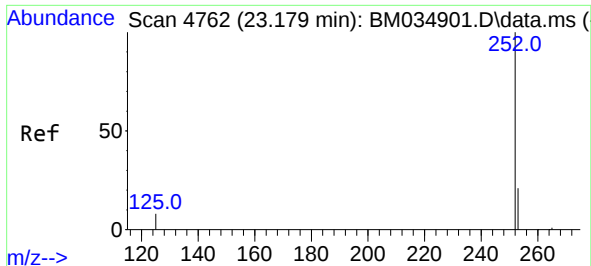
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#24
Benzo(b)fluoranthene
Concen: 0.142 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.000 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

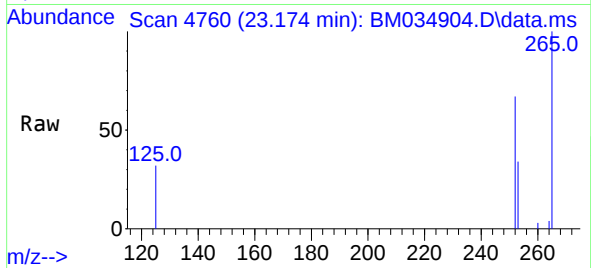
Tgt Ion:252 Resp: 6736
Ion Ratio Lower Upper
252 100
253 39.8 0.0 64.2
125 33.4 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.050 ng/ul m
RT: 23.174 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

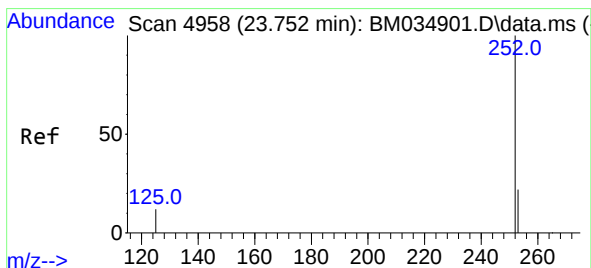
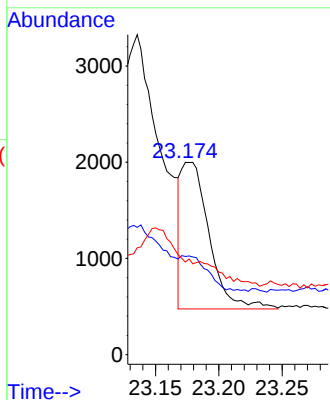
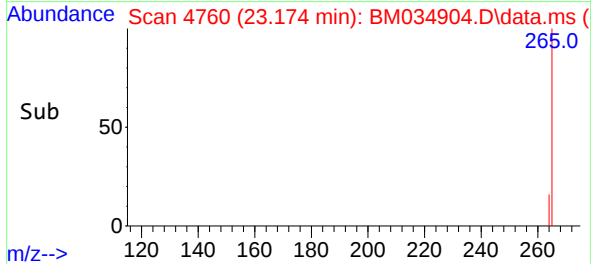
Instrument :
BNA_M
ClientSampleId :
EW464



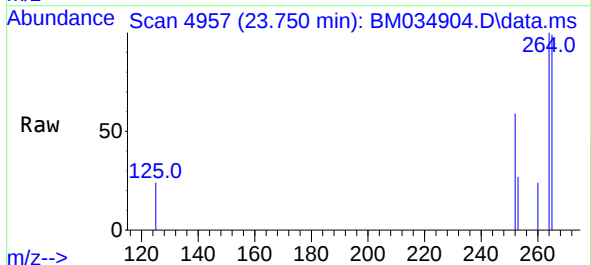
Tgt Ion:252 Resp: 2350
Ion Ratio Lower Upper
252 100
253 51.1 26.8 40.2
125 48.1 12.0 18.0

Manual Integrations
APPROVED

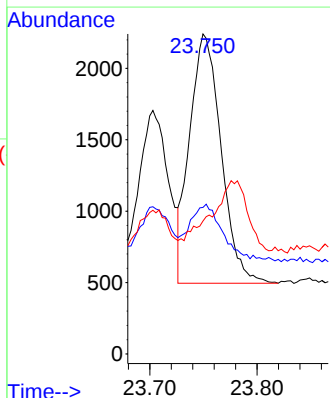
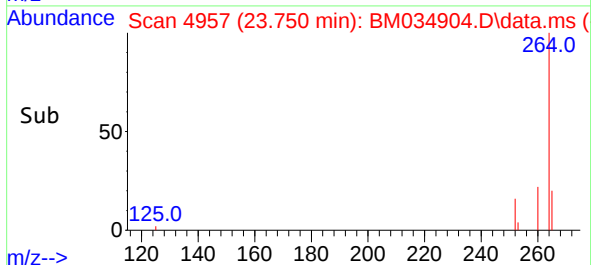
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

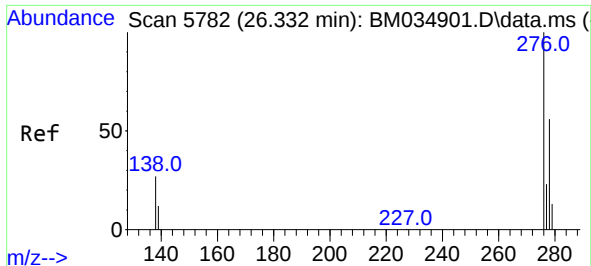


#26
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.006 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44



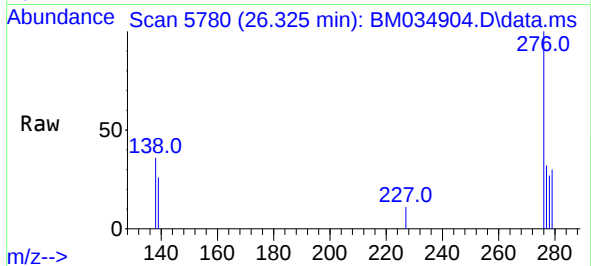
Tgt Ion:252 Resp: 3558
Ion Ratio Lower Upper
252 100
253 45.8 32.0 48.0
125 41.5 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 26.325 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44

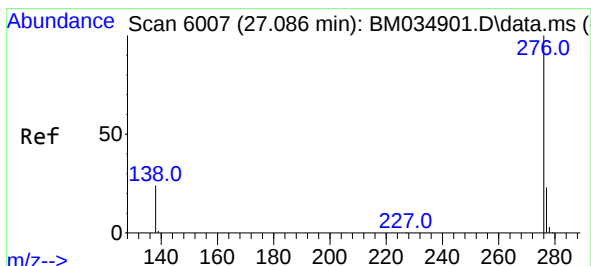
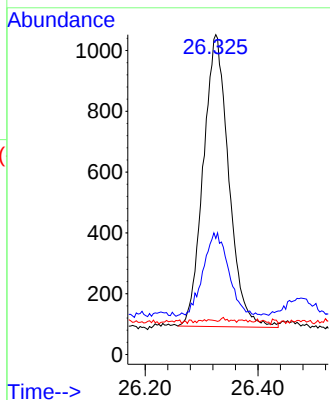
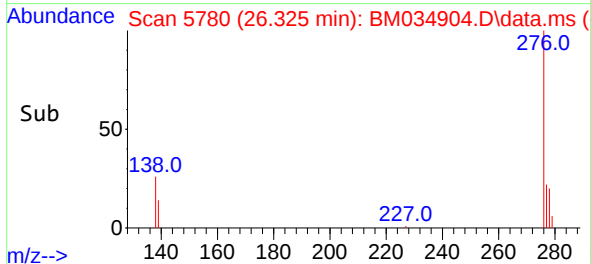
Instrument :
BNA_M
ClientSampleId :
EW464



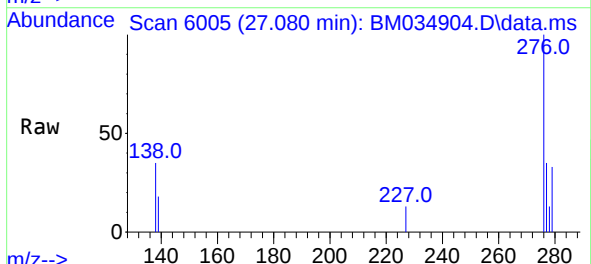
Tgt Ion: 276 Resp: 300
Ion Ratio Lower Upper
276 100
138 27.6 15.8 23.6
227 0.5 0.0 0.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 27.080 min Scan# 6005
Delta R.T. -0.007 min
Lab File: BM034904.D
Acq: 03 May 2022 23:44



Tgt Ion: 276 Resp: 2500
Ion Ratio Lower Upper
276 100
138 35.3 17.4 26.0#
277 35.1 22.6 33.8#

