

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033841.D
 Acq On : 24 Jan 2022 17:14
 Operator : CG/JU
 Sample : N1199-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0Q52

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2022
 Supervised By :Yogesh Patel 01/31/2022

Quant Time: Jan 25 02:12:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1943	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6858	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	4049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	8000	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	6533	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	6672	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	9780	4.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3710	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	8405	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
14) Pentachlorophenol	16.969	266	701	0.191	ng/ul	99
15) Phenanthrene	17.358	178	12705	0.499	ng/ul	95
16) Anthracene	17.448	178	740	0.031	ng/ul#	76
19) Fluoranthene	19.364	202	35225	1.183	ng/ul	100
20) Pyrene	19.726	202	27230m	0.893	ng/ul	
21) Benzo(a)anthracene	21.462	228	4483	0.168	ng/ul	95
22) Chrysene	21.516	228	22523	0.796	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	32150m	1.073	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	10584m	0.353	ng/ul	
26) Benzo(a)pyrene	23.773	252	13348	0.514	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.383	276	14902	0.431	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.397	278	2854	0.105	ng/ul#	59
29) Benzo(g,h,i)perylene	27.155	276	15396	0.525	ng/ul	93

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

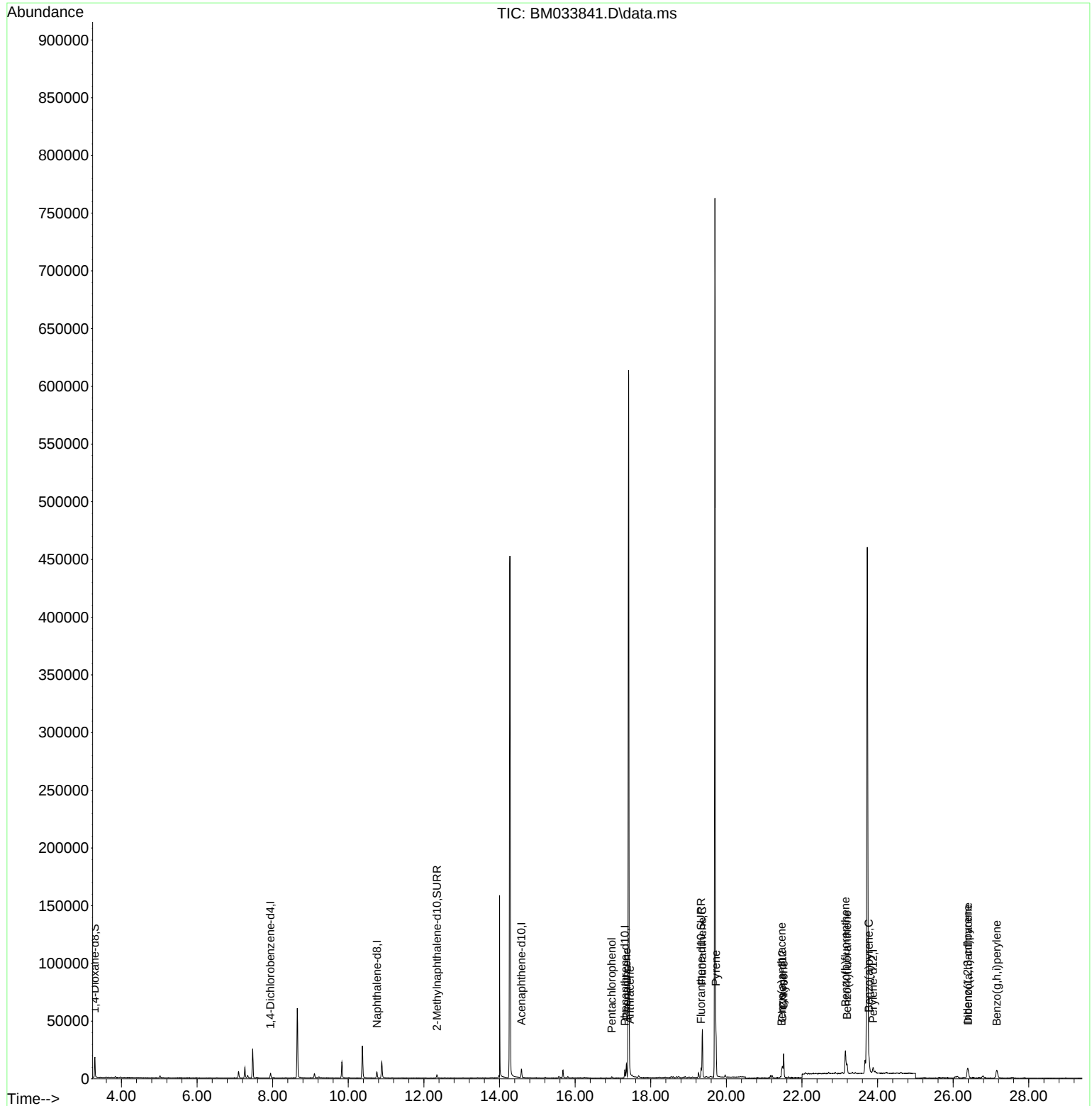
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
Data File : BM033841.D
Acq On : 24 Jan 2022 17:14
Operator : CG/JU
Sample : N1199-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

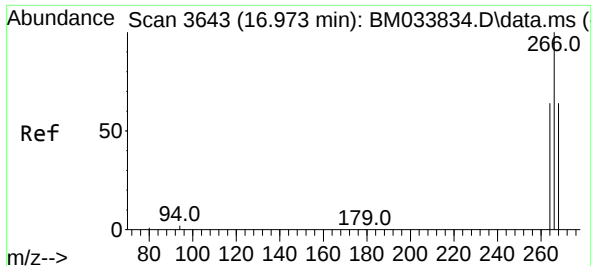
Instrument :
BNA_M
ClientSampleId :
C0Q52

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

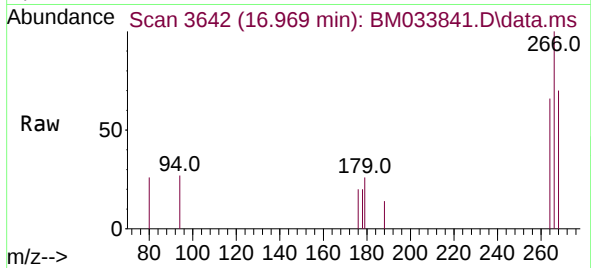
Quant Time: Jan 25 02:12:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.191 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

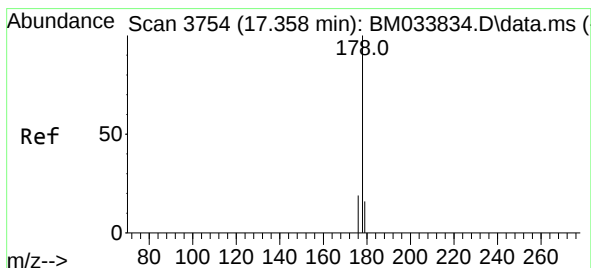
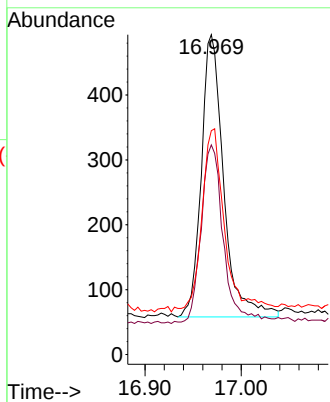
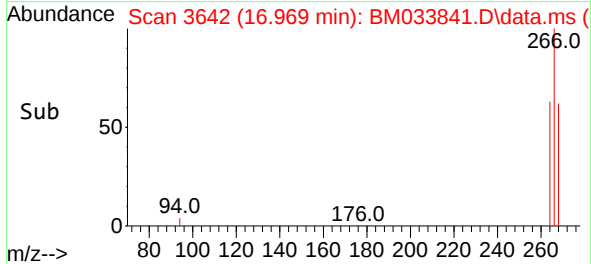
Instrument :
BNA_M
ClientSampleId :
C0Q52



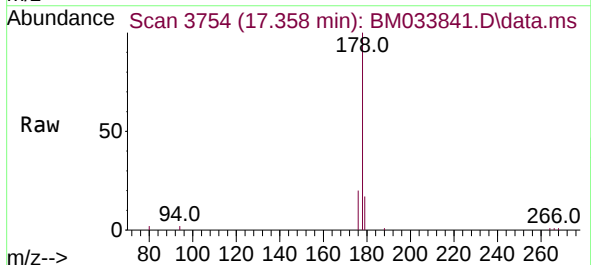
Tgt Ion:266 Resp: 70
Ion Ratio Lower Upper
266 100
264 64.9 51.4 77.0
268 66.6 53.1 79.7

Manual Integrations
APPROVED

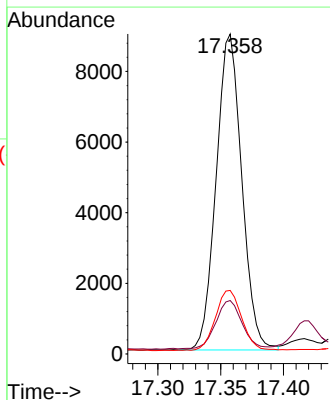
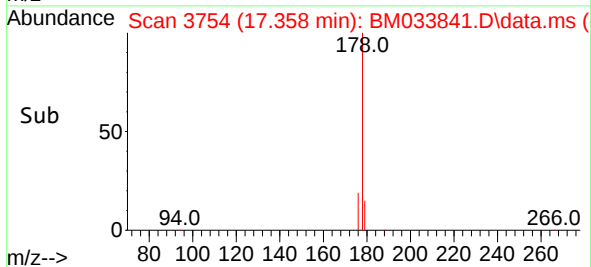
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

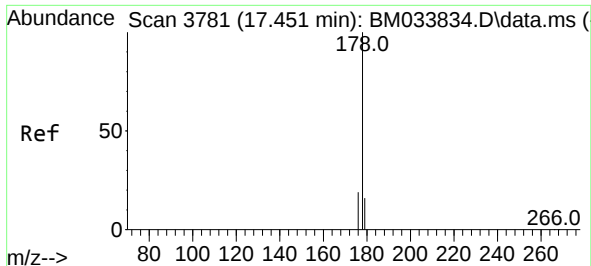


#15
Phenanthrene
Concen: 0.499 ng/ul
RT: 17.358 min Scan# 3754
Delta R.T. -0.000 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14



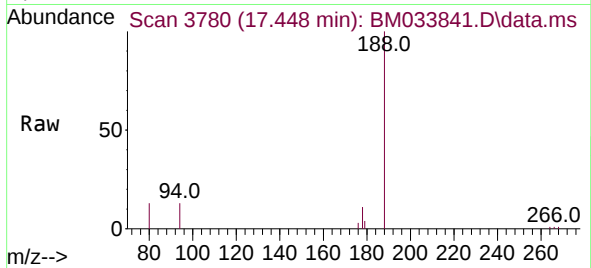
Tgt Ion:178 Resp: 12705
Ion Ratio Lower Upper
178 100
179 16.7 15.0 22.6
176 19.9 17.9 26.9





#16
 Anthracene
 Concen: 0.031 ng/ul
 RT: 17.448 min Scan# 3780
 Delta R.T. -0.004 min
 Lab File: BM033841.D
 Acq: 24 Jan 2022 17:14

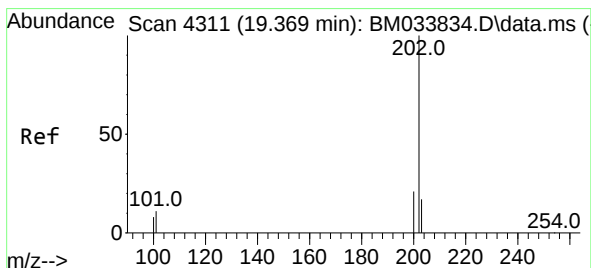
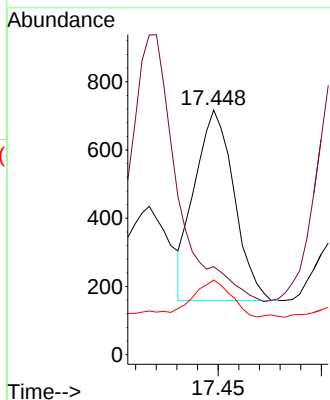
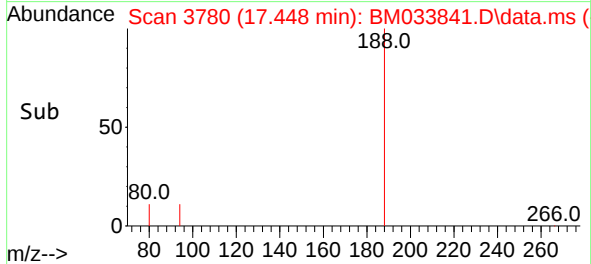
Instrument :
 BNA_M
 ClientSampleId :
 C0Q52



Tgt Ion:178 Resp: 740
 Ion Ratio Lower Upper
 178 100
 179 36.0 16.5 24.7
 176 30.5 18.3 27.5

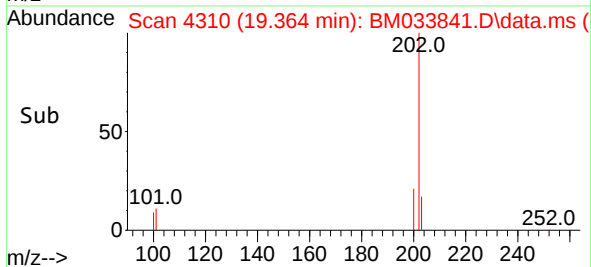
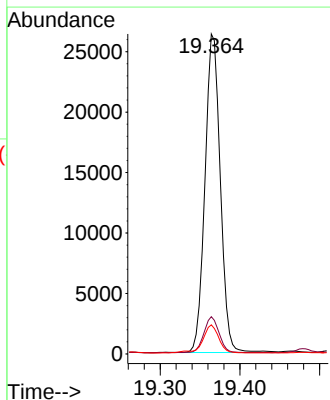
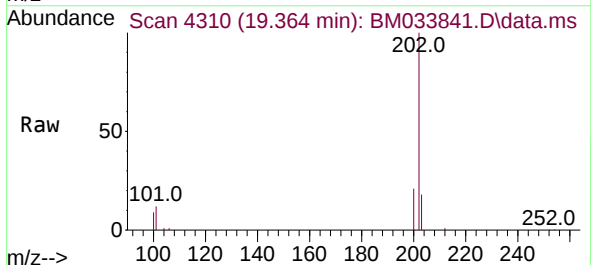
Manual Integrations
 APPROVED

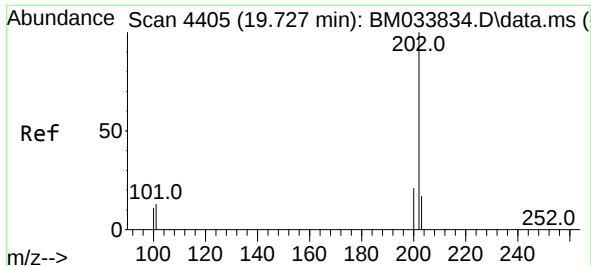
Reviewed By :Jagrut Upadhyay 01/25/2022
 Supervised By :Yogesh Patel 01/31/2022



#19
 Fluoranthene
 Concen: 1.183 ng/ul
 RT: 19.364 min Scan# 4310
 Delta R.T. -0.004 min
 Lab File: BM033841.D
 Acq: 24 Jan 2022 17:14

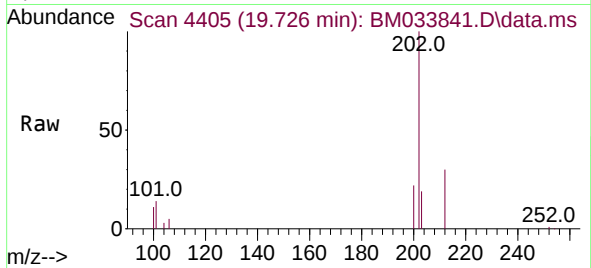
Tgt Ion:202 Resp: 35225
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.2 13.8
 100 9.1 7.2 10.8





#20
Pyrene
Concen: 0.893 ng/ul m
RT: 19.726 min Scan# 4405
Delta R.T. -0.001 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

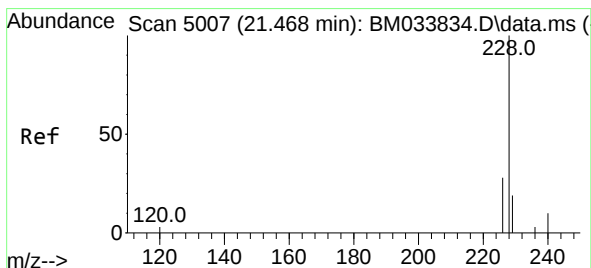
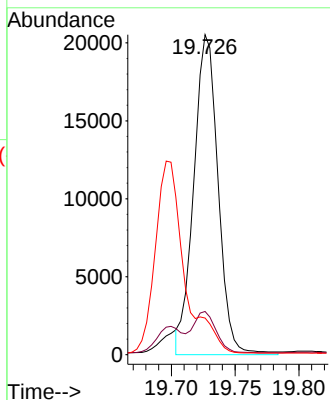
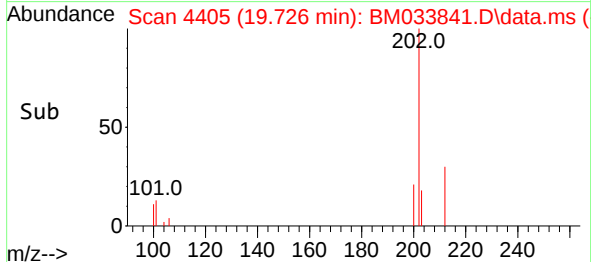
Instrument :
BNA_M
ClientSampleId :
C0Q52



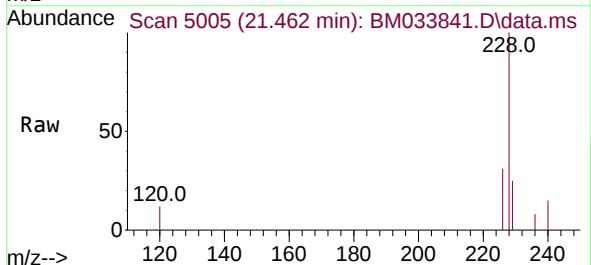
Tgt Ion:202 Resp: 27230
Ion Ratio Lower Upper
202 100
101 13.5 9.3 13.9
100 11.5 7.8 11.6

Manual Integrations
APPROVED

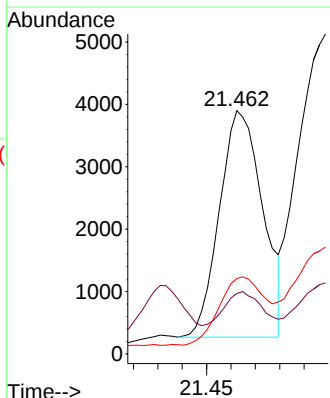
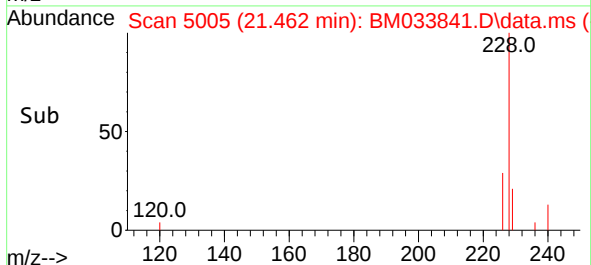
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

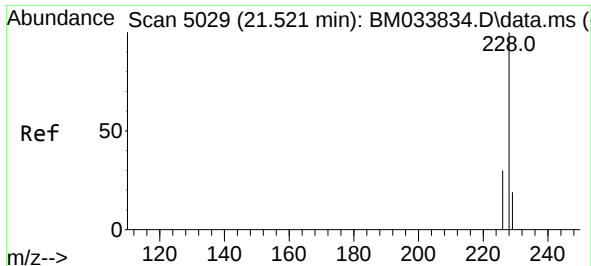


#21
Benzo(a)anthracene
Concen: 0.168 ng/ul
RT: 21.462 min Scan# 5005
Delta R.T. -0.005 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14



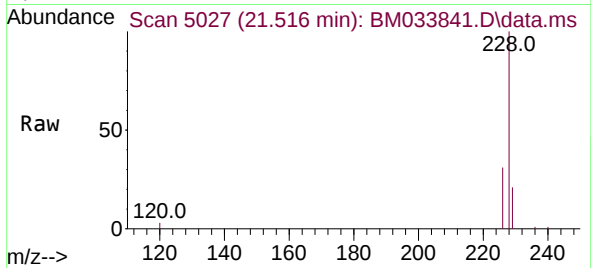
Tgt Ion:228 Resp: 4483
Ion Ratio Lower Upper
228 100
229 24.8 17.3 25.9
226 31.0 23.2 34.8





#22
Chrysene
Concen: 0.796 ng/ul
RT: 21.516 min Scan# 5027
Delta R.T. -0.005 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

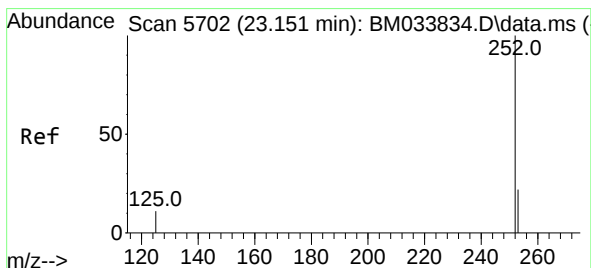
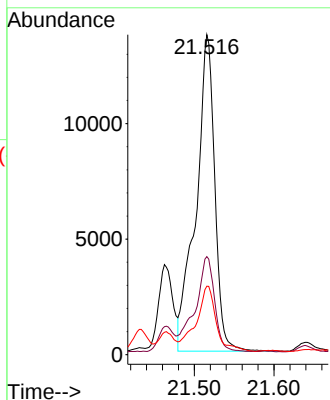
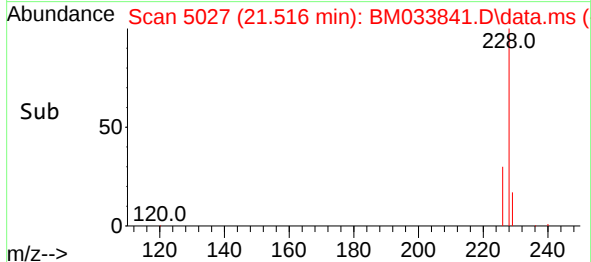
Instrument :
BNA_M
ClientSampleId :
C0Q52



Tgt Ion:228 Resp: 2252
Ion Ratio Lower Upper
228 100
226 30.6 25.8 38.8
229 21.4 16.7 25.1

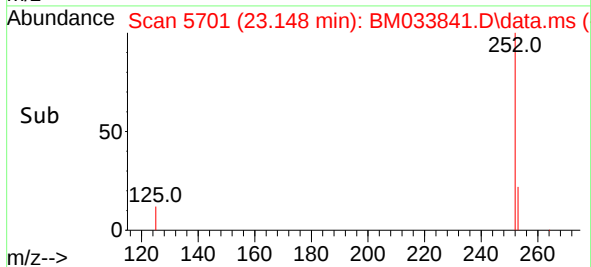
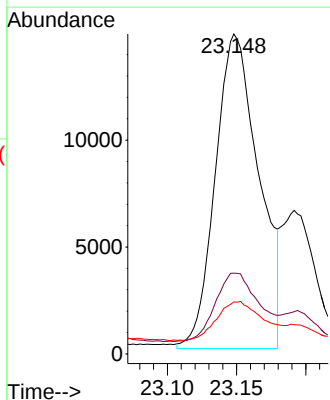
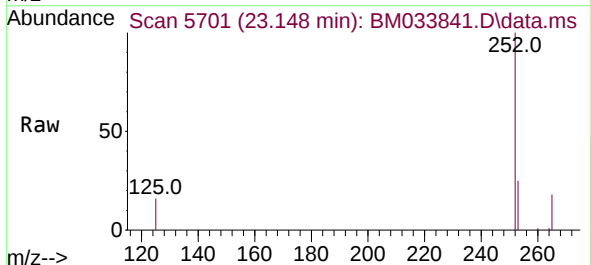
Manual Integrations
APPROVED

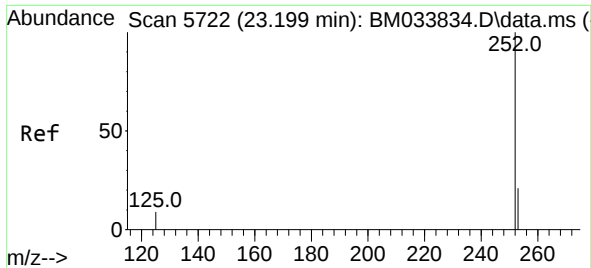
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022



#24
Benzo(b)fluoranthene
Concen: 1.073 ng/ul m
RT: 23.148 min Scan# 5701
Delta R.T. -0.003 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

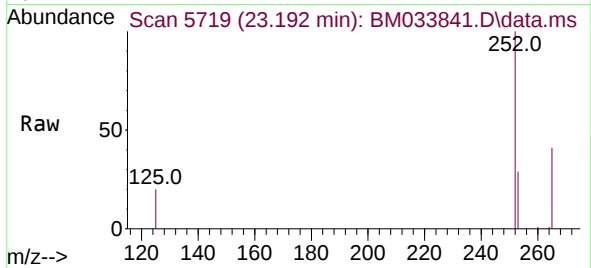
Tgt Ion:252 Resp: 32150
Ion Ratio Lower Upper
252 100
253 25.3 0.0 64.2
125 16.3 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul m
RT: 23.192 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

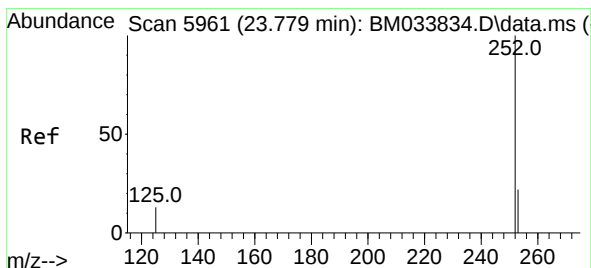
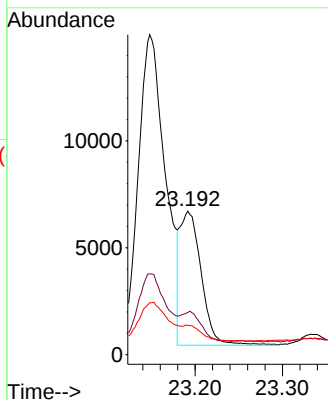
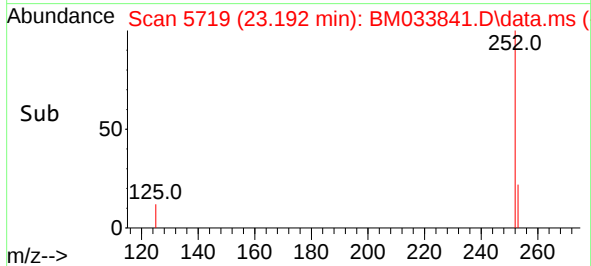
Instrument :
BNA_M
ClientSampleId :
C0Q52



Tgt Ion:252 Resp: 10584
Ion Ratio Lower Upper
252 100
253 29.5 26.8 40.2
125 20.4 12.0 18.0

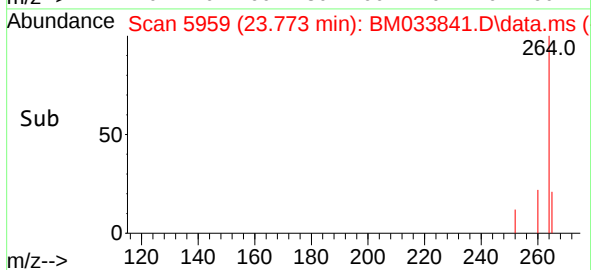
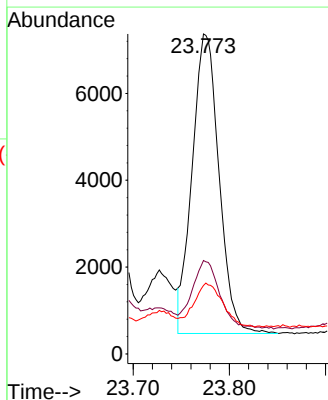
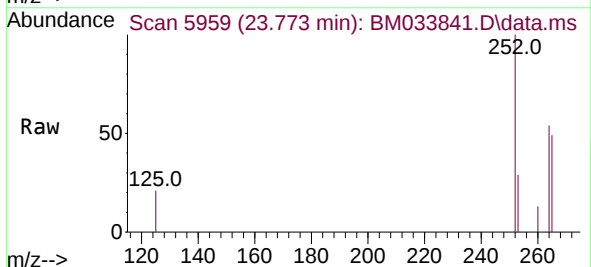
Manual Integrations
APPROVED

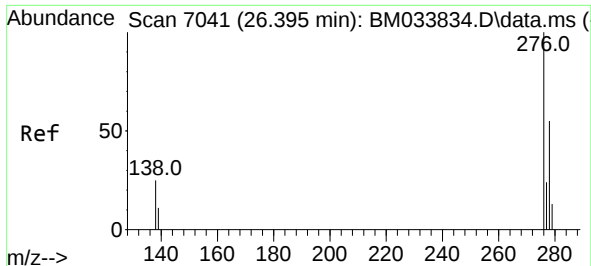
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022



#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.773 min Scan# 5959
Delta R.T. -0.005 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

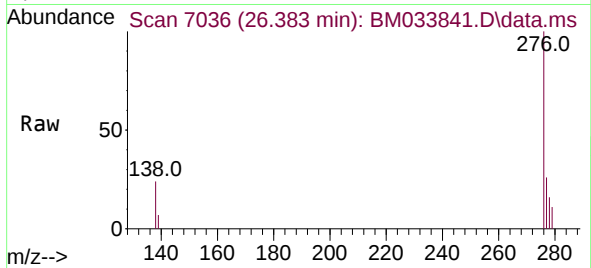
Tgt Ion:252 Resp: 13348
Ion Ratio Lower Upper
252 100
253 29.2 32.0 48.0#
125 21.4 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.383 min Scan# 7036
Delta R.T. -0.013 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14

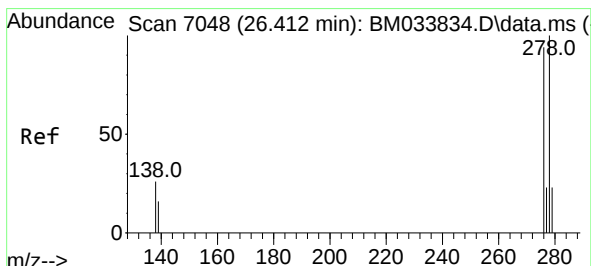
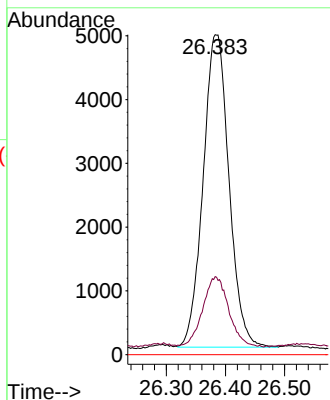
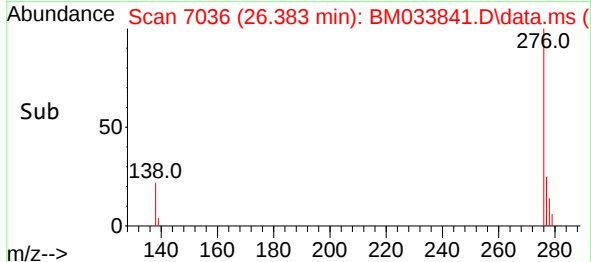
Instrument :
BNA_M
ClientSampleId :
C0Q52



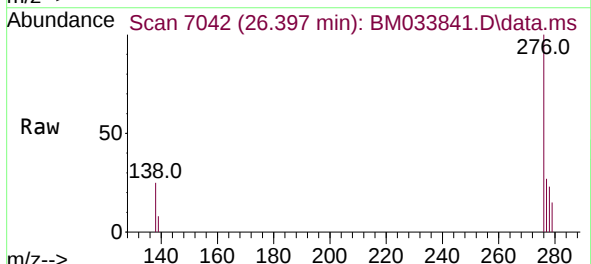
Tgt Ion: 276 Resp: 1490
Ion Ratio Lower Upper
276 100
138 22.0 15.8 23.6
227 0.0 0.0 0.0

Manual Integrations
APPROVED

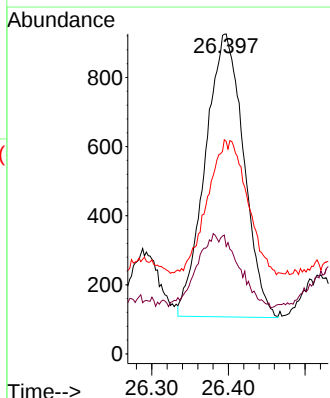
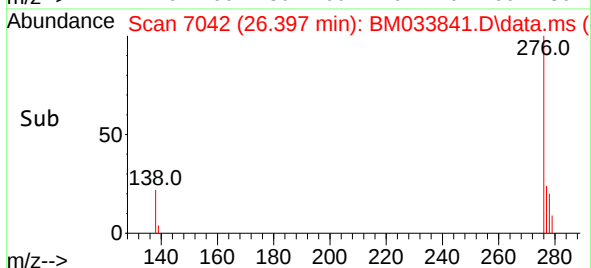
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

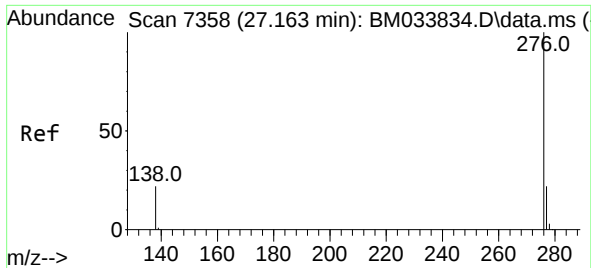


#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 26.397 min Scan# 7042
Delta R.T. -0.015 min
Lab File: BM033841.D
Acq: 24 Jan 2022 17:14



Tgt Ion: 278 Resp: 2854
Ion Ratio Lower Upper
278 100
139 33.6 18.0 27.0#
279 66.4 28.6 42.8#





#29

Benzo(g,h,i)perylene

Concen: 0.525 ng/ul

RT: 27.155 min Scan# 71

Delta R.T. -0.008 min

Lab File: BM033841.D

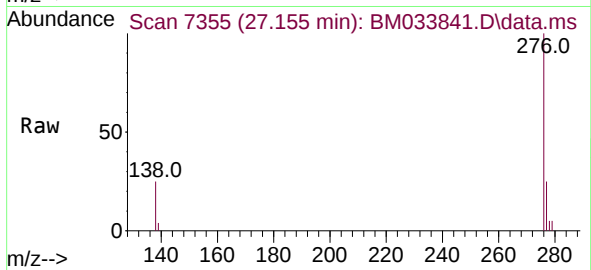
Acq: 24 Jan 2022 17:14

Instrument :

BNA_M

ClientSampleId :

C0Q52



Tgt Ion:276 Resp: 15390

Ion Ratio Lower Upper

276 100

138 25.1 17.4 26.0

277 24.6 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2022

Supervised By :Yogesh Patel 01/31/2022

