

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
 Data File : BM033871.D
 Acq On : 26 Jan 2022 15:37
 Operator : CG/JU
 Sample : N1230-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0Q03

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
 Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 27 01:41:39 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	7.939	152	1922	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	7088	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	4196	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	8265	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	6593	0.400	ng/ul	# 0.00
23) Perylene-d12	23.872	264	7287	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	8388	4.175	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3561	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	8627	0.425	ng/ul	0.00
Target Compounds						Qvalue
14) Pentachlorophenol	16.969	266	565	0.149	ng/ul	96
15) Phenanthrene	17.354	178	1232	0.047	ng/ul#	93
19) Fluoranthene	19.364	202	1096	0.036	ng/ul#	77
20) Pyrene	19.723	202	878	0.029	ng/ul#	58
21) Benzo(a)anthracene	21.462	228	602	0.022	ng/ul#	79
22) Chrysene	21.516	228	749	0.026	ng/ul#	85
24) Benzo(b)fluoranthene	23.143	252	947m	0.029	ng/ul	
29) Benzo(g,h,i)perylene	27.148	276	662	0.021	ng/ul#	31

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

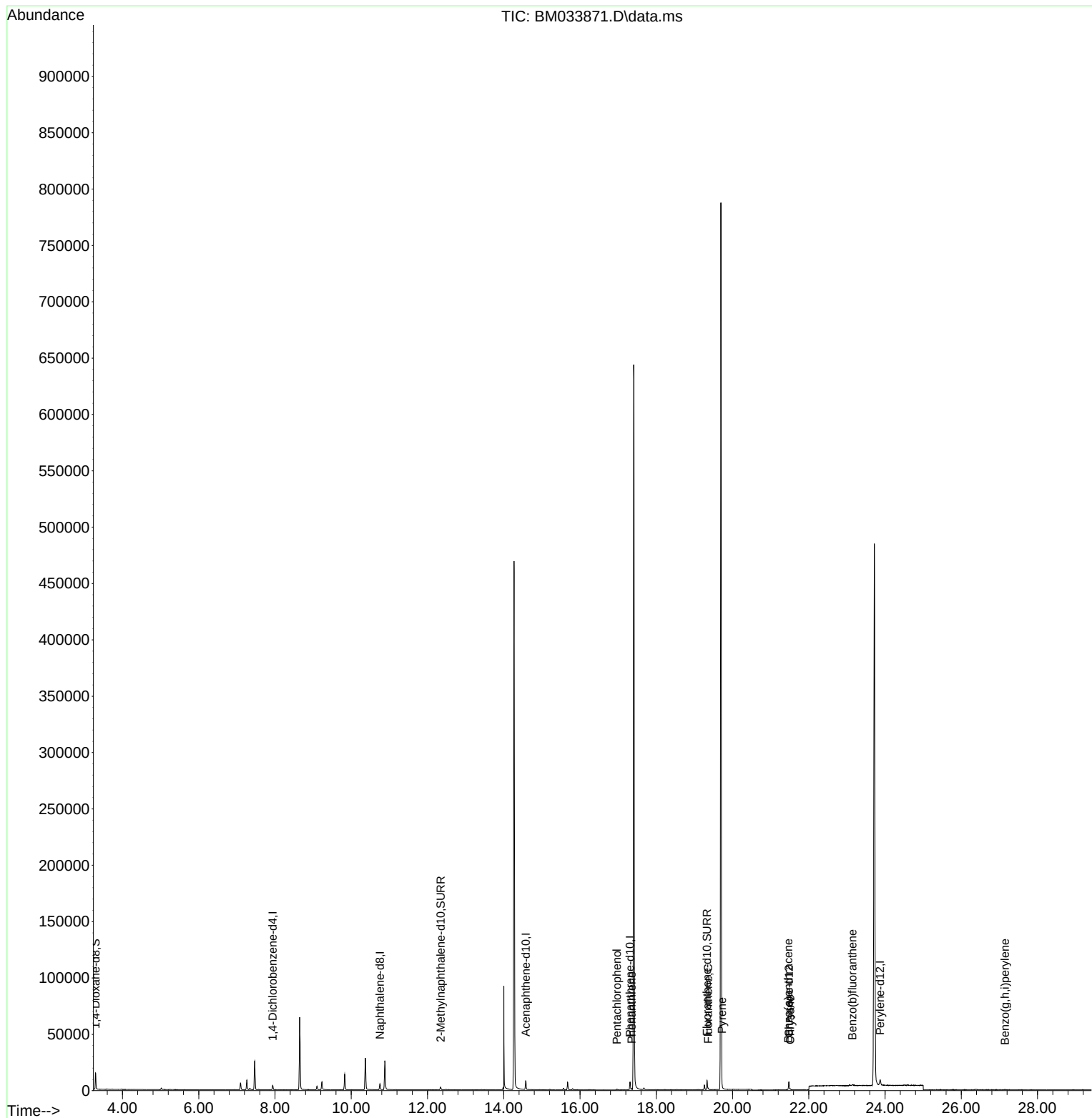
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
Data File : BM033871.D
Acq On : 26 Jan 2022 15:37
Operator : CG/JU
Sample : N1230-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

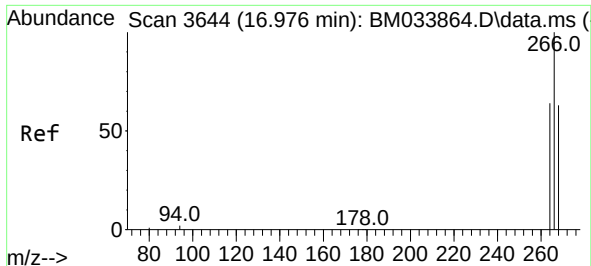
Instrument :
BNA_M
ClientSampleId :
C0Q03

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

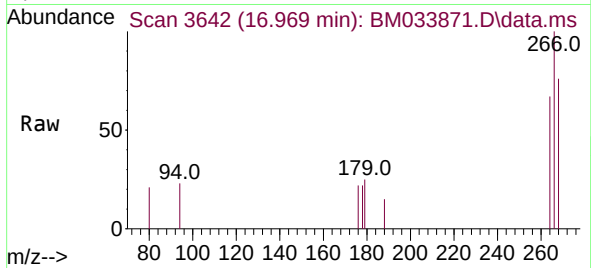
Quant Time: Jan 27 01:41:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 15:20:03 2022
Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.149 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37

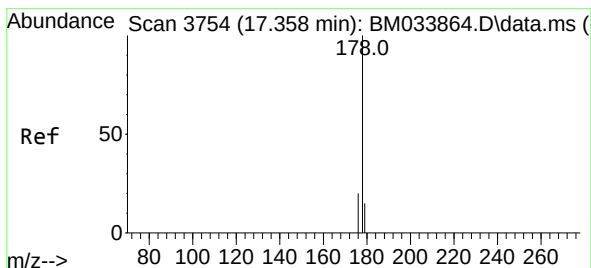
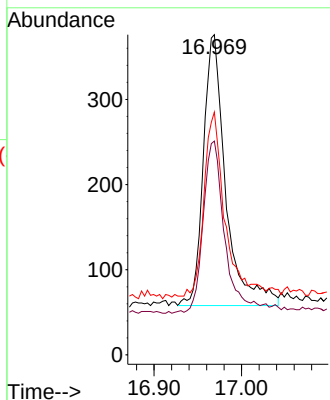
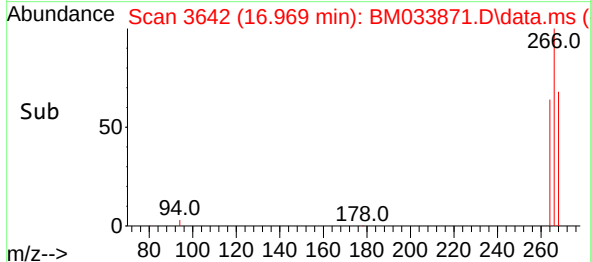
Instrument :
BNA_M
ClientSampleId :
C0Q03



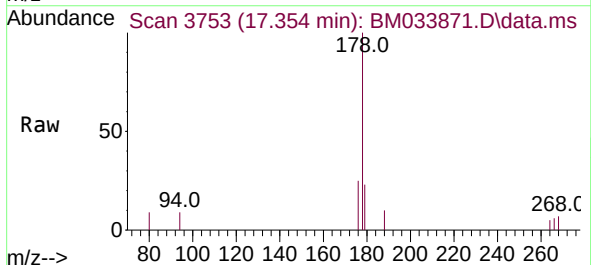
Tgt Ion:266 Resp: 568
Ion Ratio Lower Upper
266 100
264 61.9 51.4 77.0
268 62.5 53.1 79.7

Manual Integrations
APPROVED

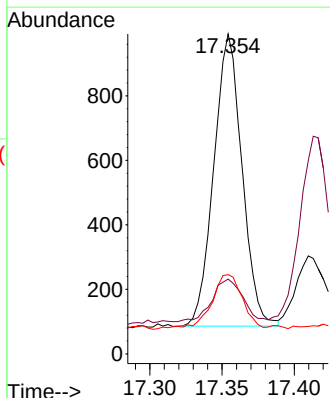
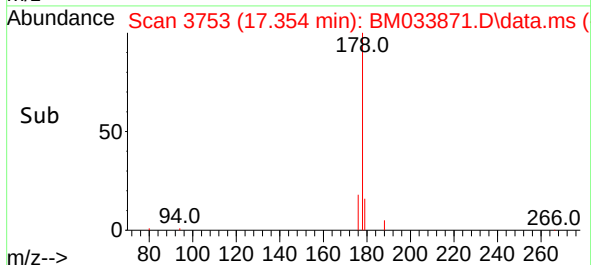
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

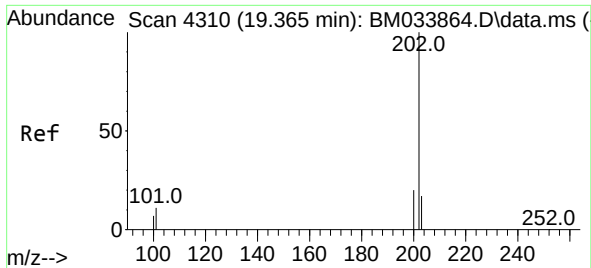


#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.354 min Scan# 3753
Delta R.T. -0.004 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37



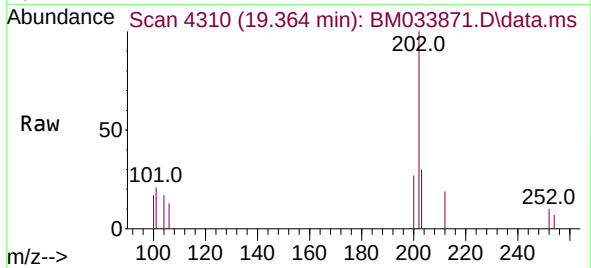
Tgt Ion:178 Resp: 1232
Ion Ratio Lower Upper
178 100
179 23.4 15.0 22.6#
176 24.8 17.9 26.9





#19
Fluoranthene
Concen: 0.036 ng/u1
RT: 19.364 min Scan# 4310
Delta R.T. -0.004 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37

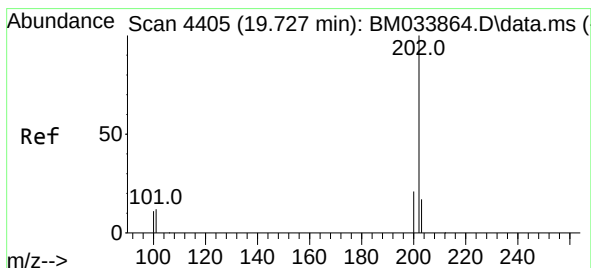
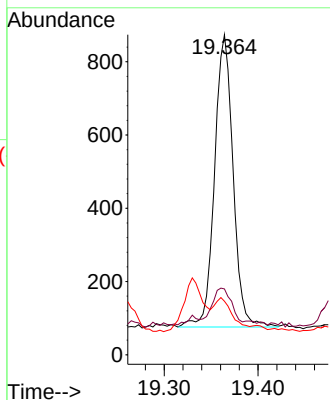
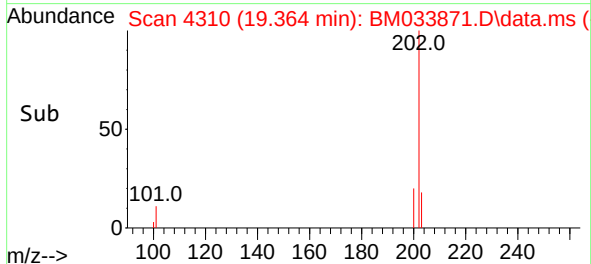
Instrument :
BNA_M
ClientSampleId :
C0Q03



Tgt Ion:202 Resp: 1090
Ion Ratio Lower Upper
202 100
101 20.6 9.2 13.8#
100 16.7 7.2 10.8#

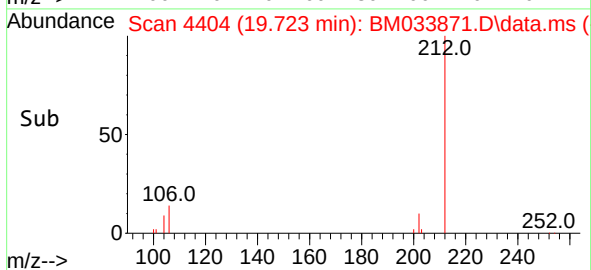
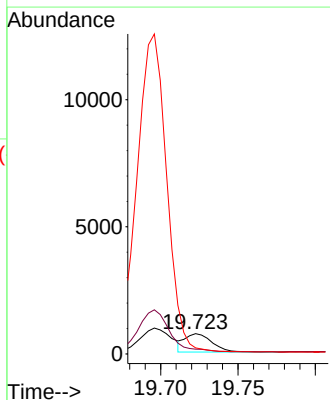
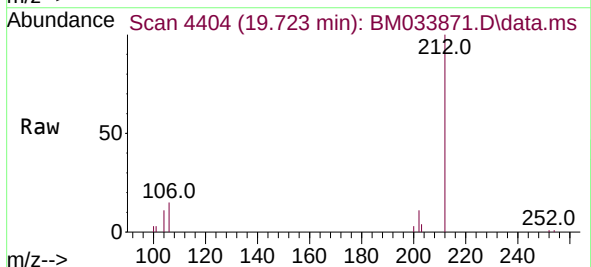
Manual Integrations
APPROVED

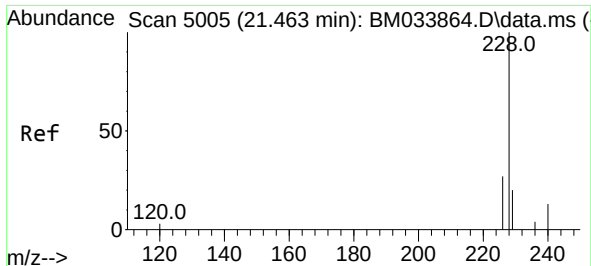
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#20
Pyrene
Concen: 0.029 ng/u1
RT: 19.723 min Scan# 4404
Delta R.T. -0.004 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37

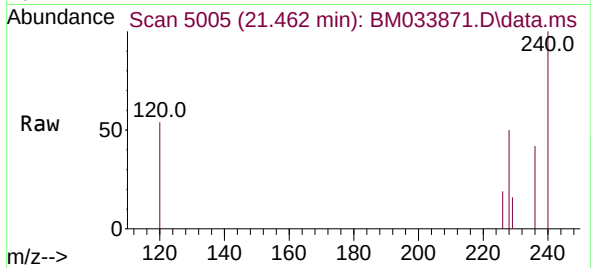
Tgt Ion:202 Resp: 878
Ion Ratio Lower Upper
202 100
101 23.6 9.3 13.9#
100 30.3 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.022 ng/u1
RT: 21.462 min Scan# 5005
Delta R.T. -0.005 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37

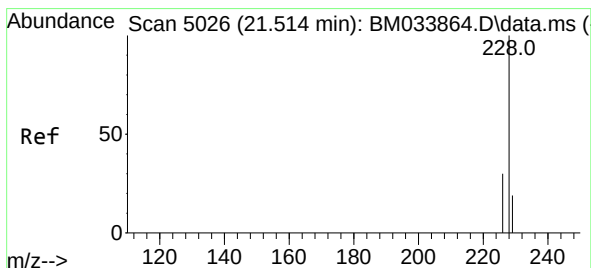
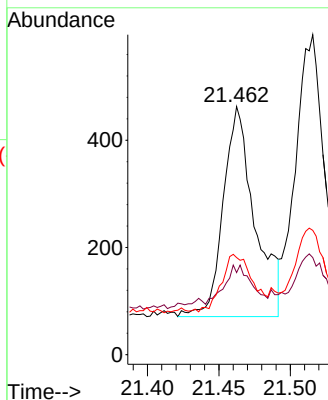
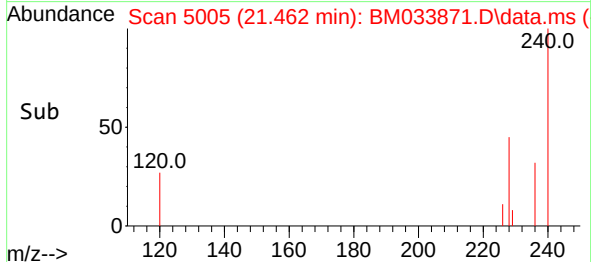
Instrument :
BNA_M
ClientSampleId :
C0Q03



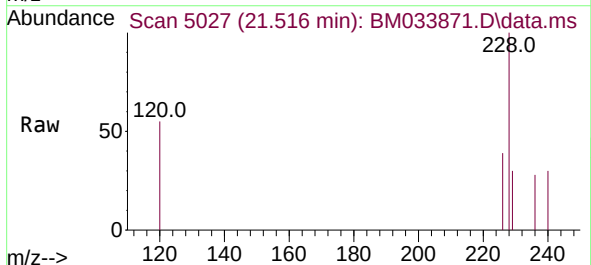
Tgt Ion:228 Resp: 602
Ion Ratio Lower Upper
228 100
229 33.0 17.3 25.9#
226 39.1 23.2 34.8#

Manual Integrations
APPROVED

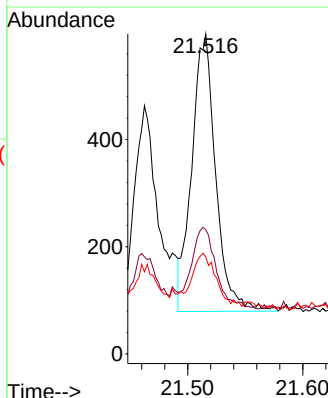
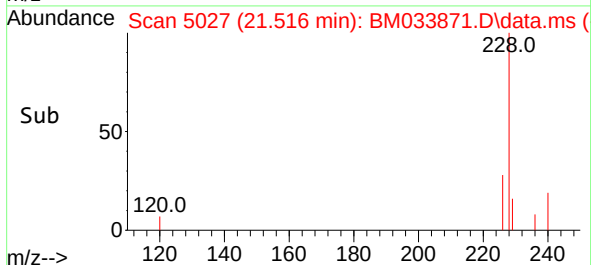
Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

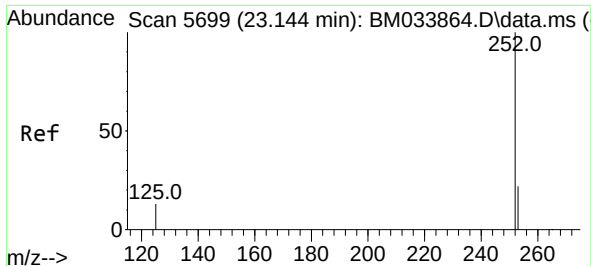


#22
Chrysene
Concen: 0.026 ng/u1
RT: 21.516 min Scan# 5027
Delta R.T. -0.005 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37



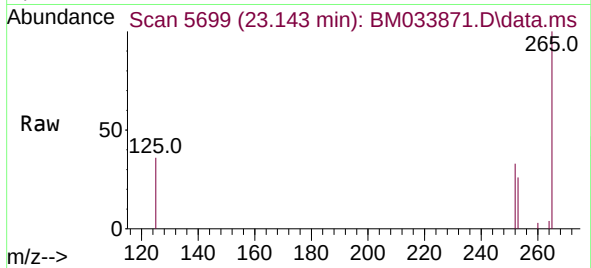
Tgt Ion:228 Resp: 749
Ion Ratio Lower Upper
228 100
226 38.9 25.8 38.8#
229 30.3 16.7 25.1#





#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.143 min Scan# 509
Delta R.T. -0.008 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37

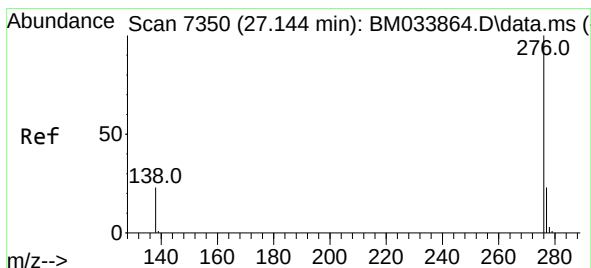
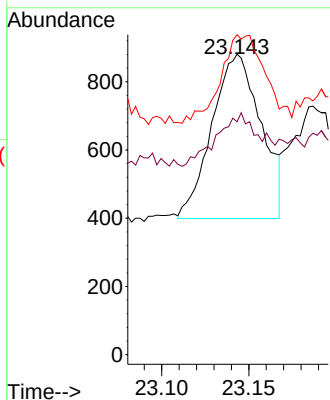
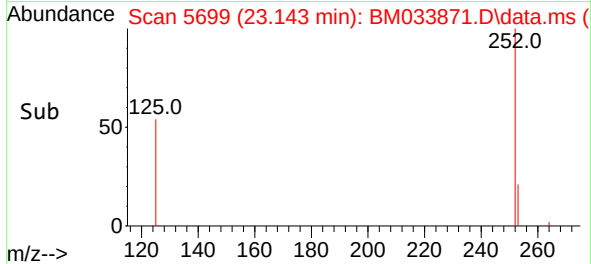
Instrument :
BNA_M
ClientSampleId :
C0Q03



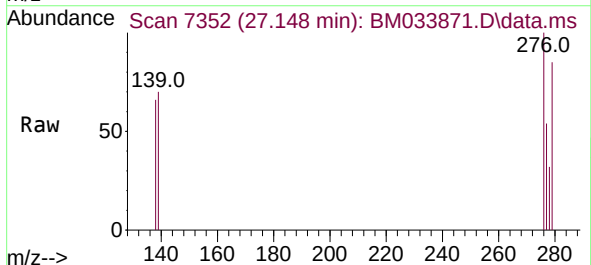
Tgt Ion:252 Resp: 94
Ion Ratio Lower Upper
252 100
253 77.5 0.0 64.2
125 106.5 0.0 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :mohammad ahmed 01/31/2022



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.148 min Scan# 7352
Delta R.T. -0.015 min
Lab File: BM033871.D
Acq: 26 Jan 2022 15:37



Tgt Ion:276 Resp: 662
Ion Ratio Lower Upper
276 100
138 66.4 17.4 26.0#
277 54.3 22.6 33.8#

