

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033476.D
 Acq On : 15 Dec 2021 13:21
 Operator : CG/JU
 Sample : M4985-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW5S2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 16 02:33:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 01:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	728	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.679	136	2023	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.515	164	1509	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.253	188	3621m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.426	240	4223	0.400	ng/ul	0.00
23) Perylene-d12	23.732	264	3846	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2692	4.564	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.272	152	1099	0.430	ng/ul	-0.03
18) Fluoranthene-d10	19.276	212	5258	0.572	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	120	0.156	ng/ul#	78
5) Naphthalene	10.729	128	8023	1.084	ng/ul#	91
7) 2-Methylnaphthalene	12.343	142	3106	0.736	ng/ul	99
8) 1-Methylnaphthalene	12.564	142	2619	0.601	ng/ul	99
15) Phenanthrene	17.295	178	326	0.028	ng/ul#	49
19) Fluoranthene	19.307	202	364	0.033	ng/ul#	25
20) Pyrene	19.665	202	334	0.027	ng/ul#	10

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

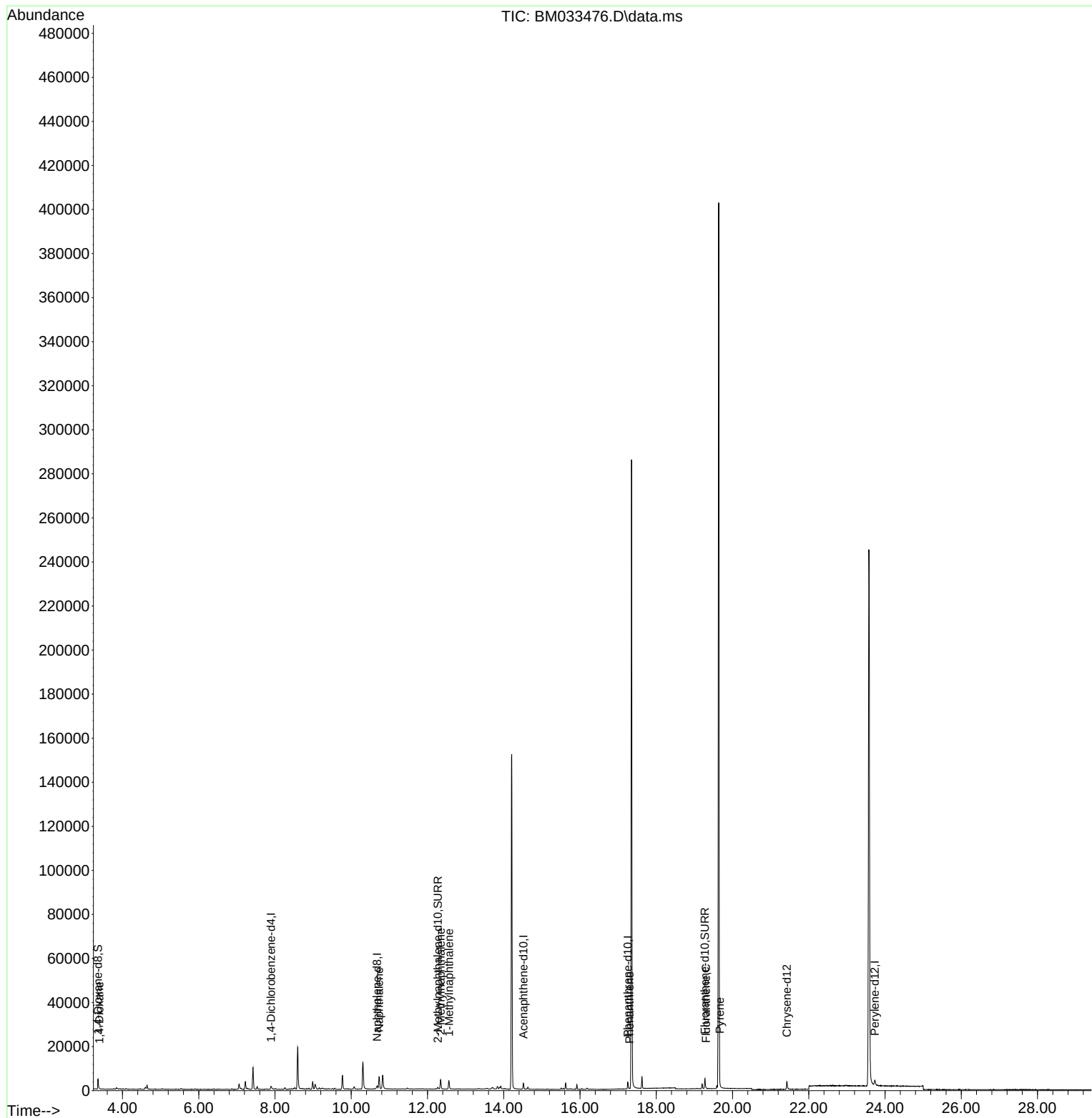
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
Data File : BM033476.D
Acq On : 15 Dec 2021 13:21
Operator : CG/JU
Sample : M4985-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

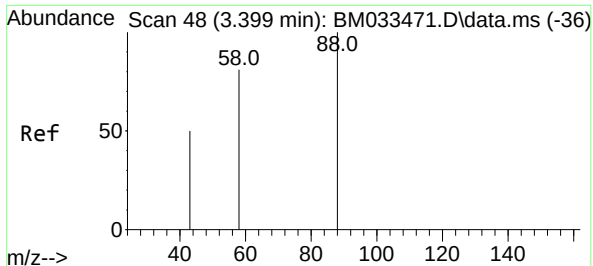
Instrument :
BNA_M
ClientSampleId :
EW5S2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :mohammad ahmed 12/24/2021

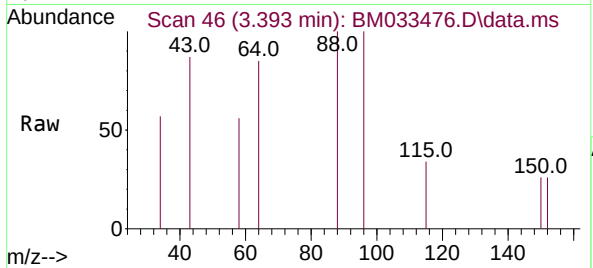
Quant Time: Dec 16 02:33:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 01:00:55 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.156 ng/ul
RT: 3.393 min Scan# 41
Delta R.T. -0.010 min
Lab File: BM033476.D
Acq: 15 Dec 2021 13:21

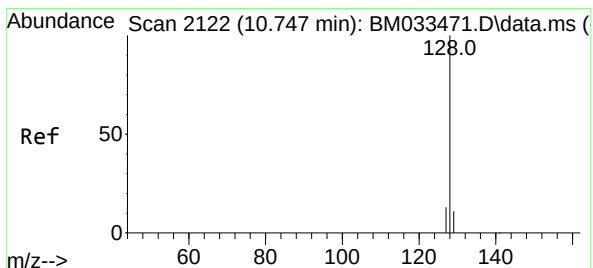
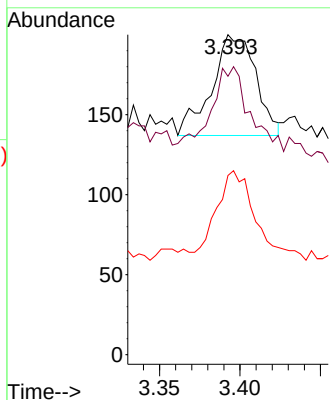
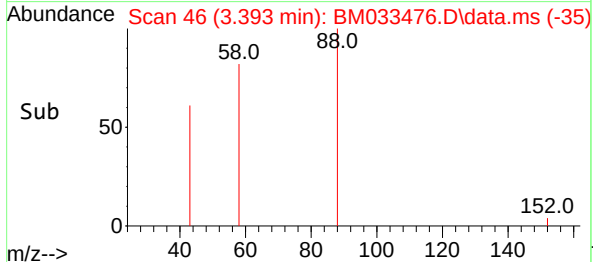
Instrument :
BNA_M
ClientSampleId :
EW5S2



Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 87.0 49.7 74.5#
58 56.0 52.5 78.7

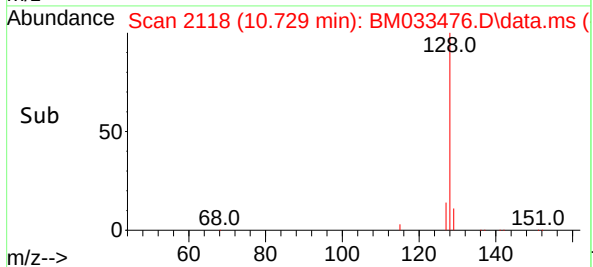
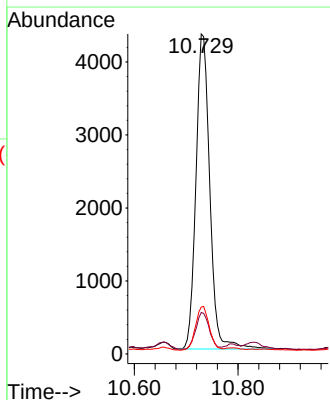
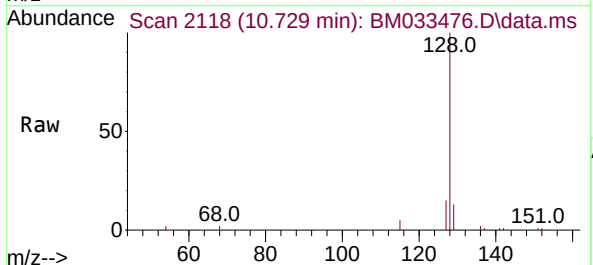
Manual Integrations
APPROVED

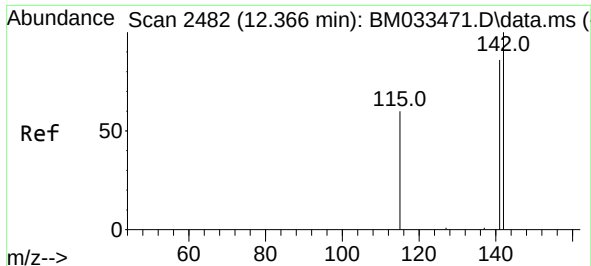
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :mohammad ahmed 12/24/2021



#5
Naphthalene
Concen: 1.084 ng/ul
RT: 10.729 min Scan# 2118
Delta R.T. -0.027 min
Lab File: BM033476.D
Acq: 15 Dec 2021 13:21

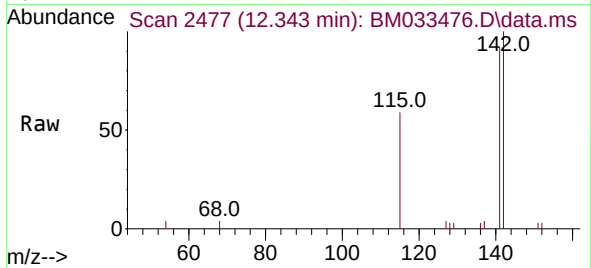
Tgt Ion:128 Resp: 8023
Ion Ratio Lower Upper
128 100
129 12.9 13.4 20.2#
127 14.6 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.736 ng/ul
RT: 12.343 min Scan# 2477
Delta R.T. -0.027 min
Lab File: BM033476.D
Acq: 15 Dec 2021 13:21

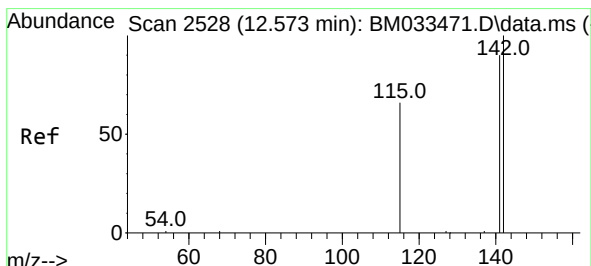
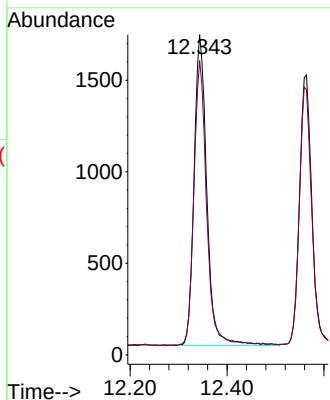
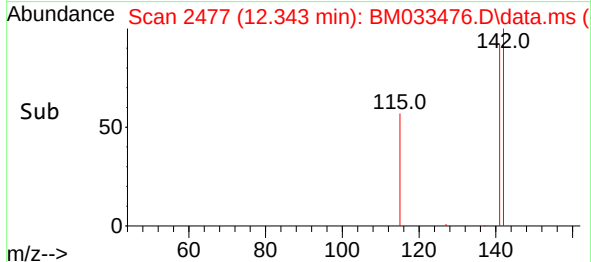
Instrument :
BNA_M
ClientSampleId :
EW5S2



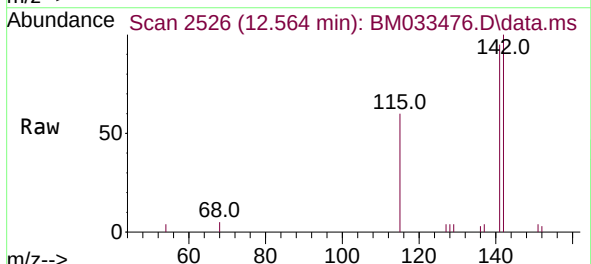
Tgt Ion:142 Resp: 3100
Ion Ratio Lower Upper
142 100
141 90.5 71.8 107.6

Manual Integrations
APPROVED

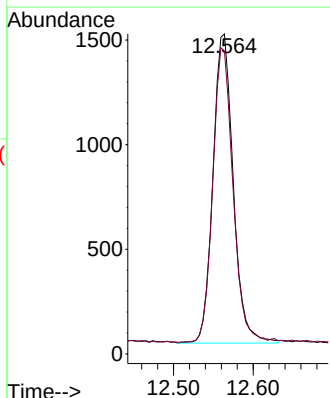
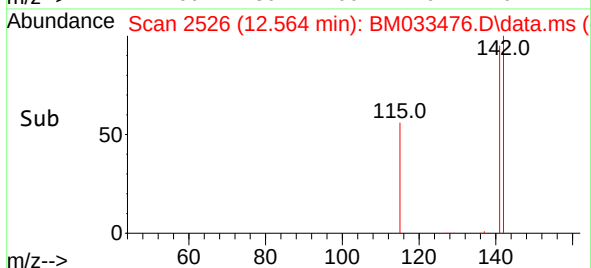
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :mohammad ahmed 12/24/2021

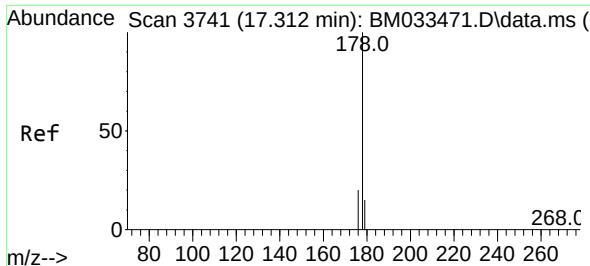


#8
1-Methylnaphthalene
Concen: 0.601 ng/ul
RT: 12.564 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BM033476.D
Acq: 15 Dec 2021 13:21



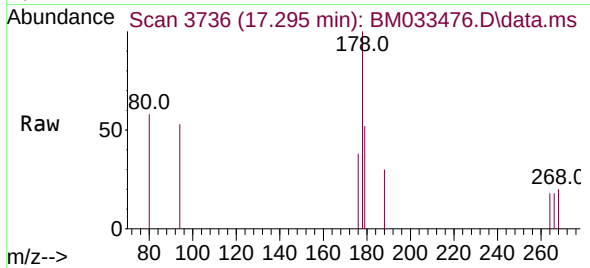
Tgt Ion:142 Resp: 2619
Ion Ratio Lower Upper
142 100
141 94.5 75.0 112.4





#15
Phenanthrene
Concen: 0.028 ng/u1
RT: 17.295 min Scan# 3736
Delta R.T. -0.024 min
Lab File: BM033476.D
Acq: 15 Dec 2021 13:21

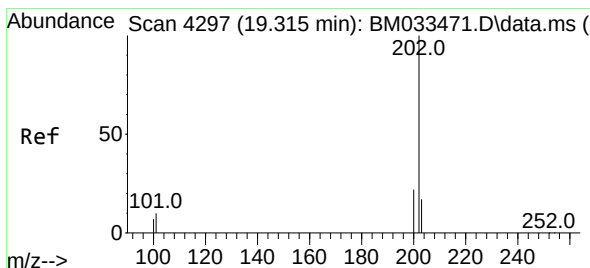
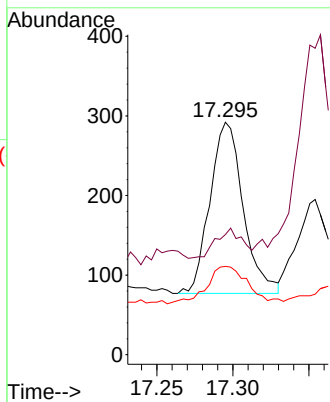
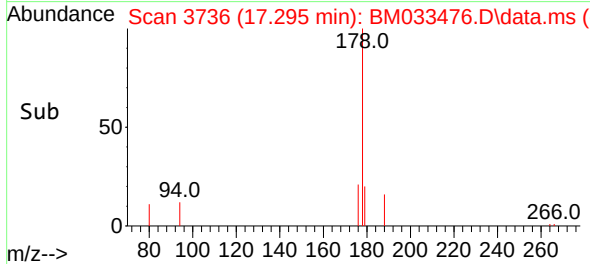
Instrument :
BNA_M
ClientSampleId :
EW5S2



Tgt Ion	Ratio	Lower	Upper
178	100		
179	51.7	15.0	22.6
176	38.0	17.9	26.9

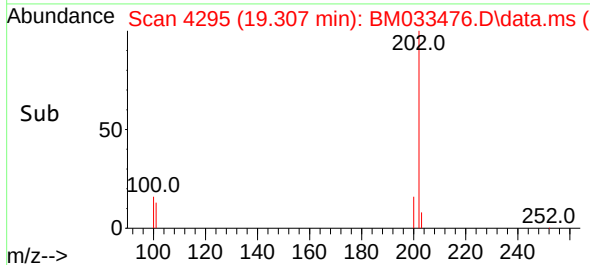
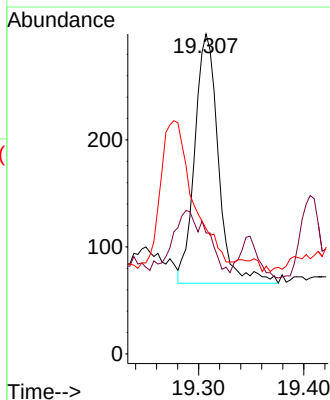
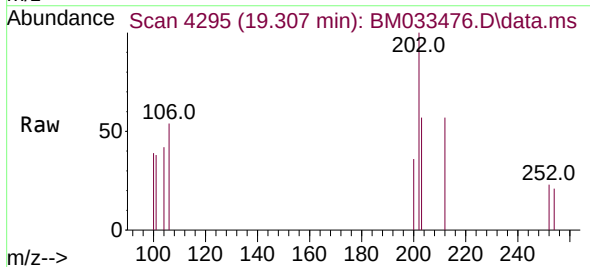
Manual Integrations
APPROVED

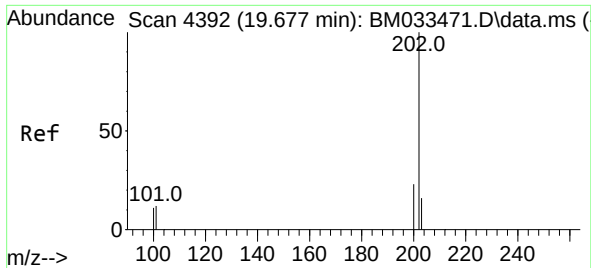
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :mohammad ahmed 12/24/2021



#19
Fluoranthene
Concen: 0.033 ng/u1
RT: 19.307 min Scan# 4295
Delta R.T. -0.015 min
Lab File: BM033476.D
Acq: 15 Dec 2021 13:21

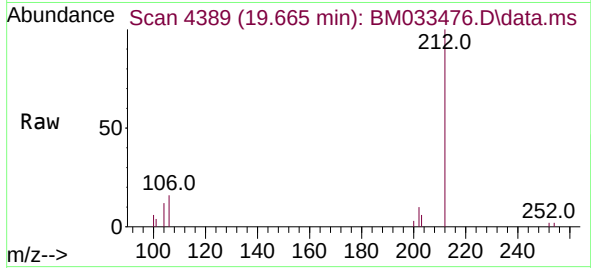
Tgt Ion	Ratio	Lower	Upper
202	100		
101	37.8	9.2	13.8
100	39.1	7.2	10.8





#20
 Pyrene
 Concen: 0.027 ng/ul
 RT: 19.665 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: BM033476.D
 Acq: 15 Dec 2021 13:21

Instrument :
 BNA_M
 ClientSampleId :
 EW5S2



Tgt Ion:	202	Resp:	334
Ion Ratio	Lower	Upper	
202	100		
101	36.6	9.3	13.9
100	53.6	7.8	11.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2021
 Supervised By :mohammad ahmed 12/24/2021

