

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038033.D
 Acq On : 15 Dec 2022 15:50
 Operator : CG/JU
 Sample : N5983-10RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0LC2RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 06:45:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	4759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	15162	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.685	164	9862	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	22807	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	14718	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	13068	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	24542	3.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	6648	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	16956	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.742	142	1649	0.057	ng/ul#	75
11) Acenaphthene	14.749	153	1486	0.038	ng/ul#	85
14) Pentachlorophenol	17.071	266	1002525	106.165	ng/ul	100
15) Phenanthrene	17.464	178	6197	0.081	ng/ul#	80
16) Anthracene	17.557	178	3732	0.053	ng/ul#	70
19) Fluoranthene	19.468	202	6485	0.085	ng/ul#	91
20) Pyrene	19.831	202	11758m	0.152	ng/ul	
22) Chrysene	21.621	228	1513	0.024	ng/ul#	79

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

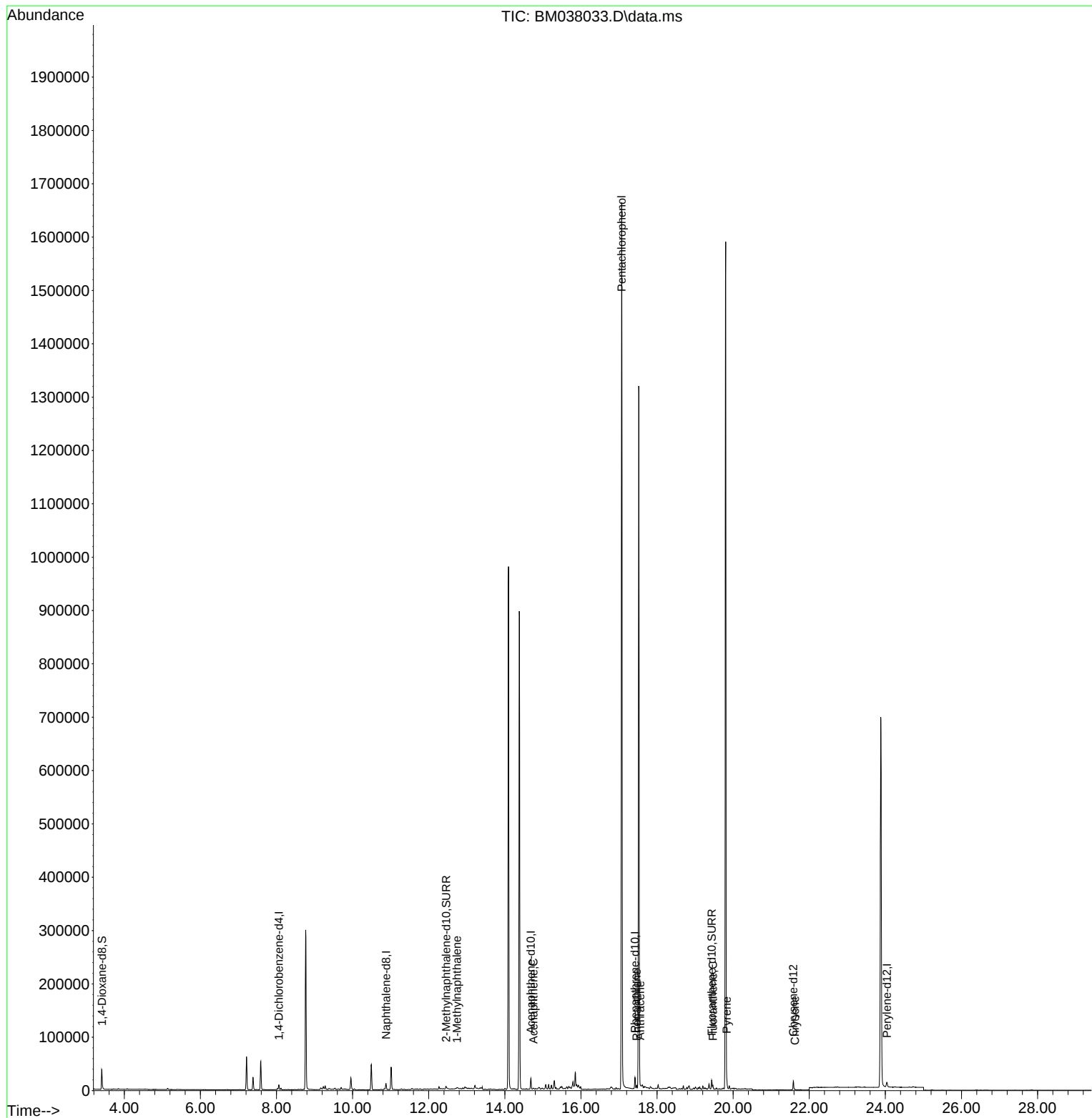
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038033.D
Acq On : 15 Dec 2022 15:50
Operator : CG/JU
Sample : N5983-10RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

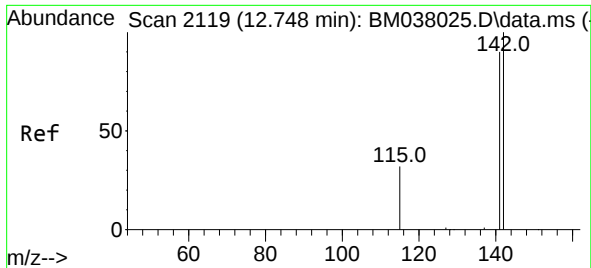
Instrument :
BNA_M
ClientSampleId :
C0LC2RE

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

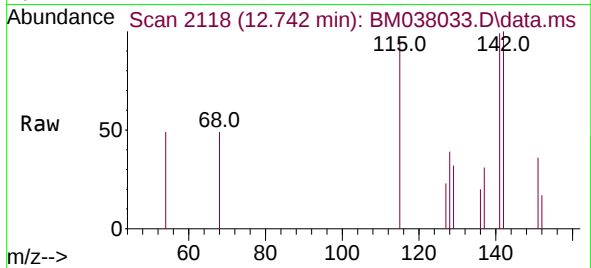
Quant Time: Dec 16 06:45:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038033.D
Acq: 15 Dec 2022 15:50

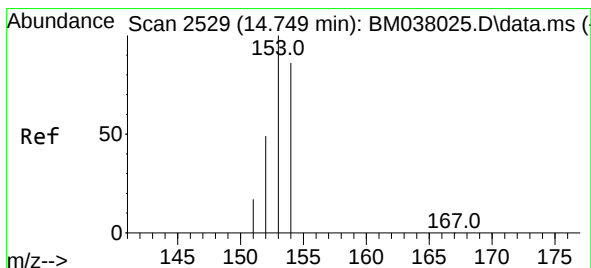
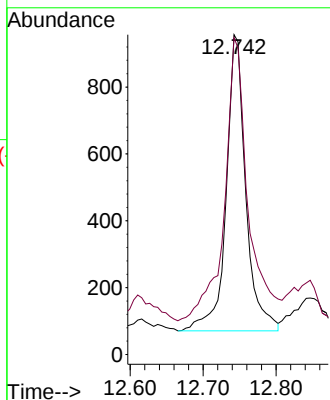
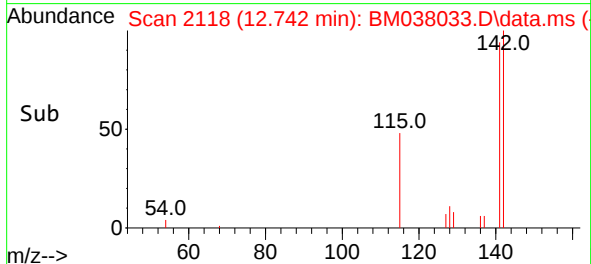
Instrument :
BNA_M
ClientSampleId :
C0LC2RE



Tgt Ion:142 Resp: 1649
Ion Ratio Lower Upper
142 100
141 115.5 73.6 110.4

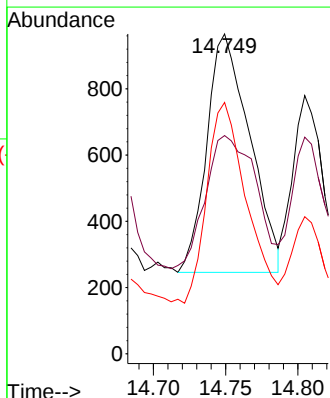
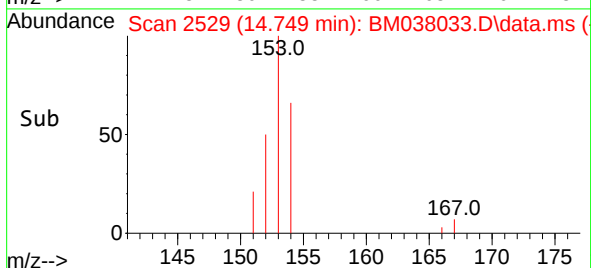
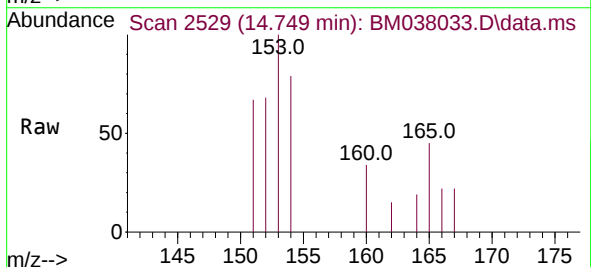
Manual Integrations
APPROVED

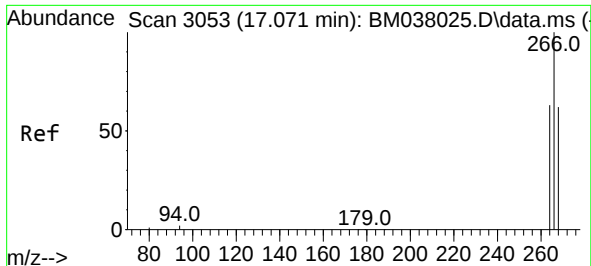
Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM038033.D
Acq: 15 Dec 2022 15:50

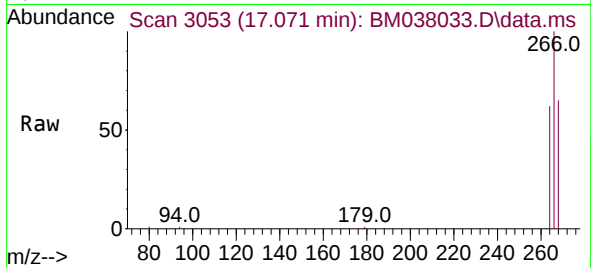
Tgt Ion:153 Resp: 1486
Ion Ratio Lower Upper
153 100
152 68.2 39.5 59.3#
154 78.6 69.2 103.8





#14
 Pentachlorophenol
 Concen: 106.165 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038033.D
 Acq: 15 Dec 2022 15:50

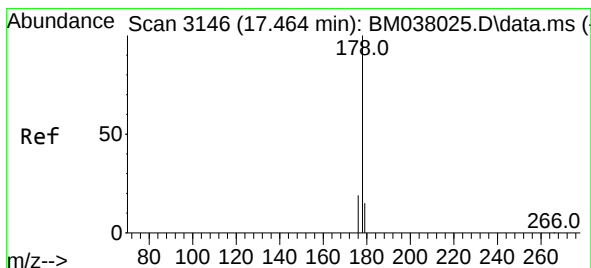
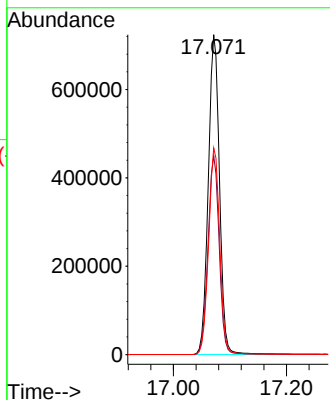
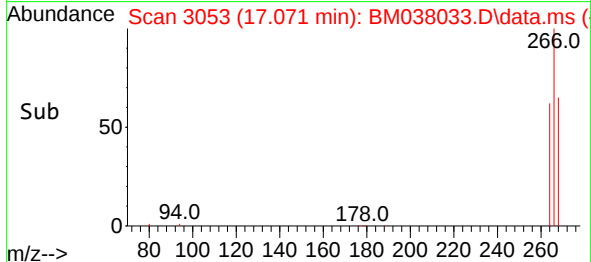
Instrument :
 BNA_M
 ClientSampleId :
 C0LC2RE



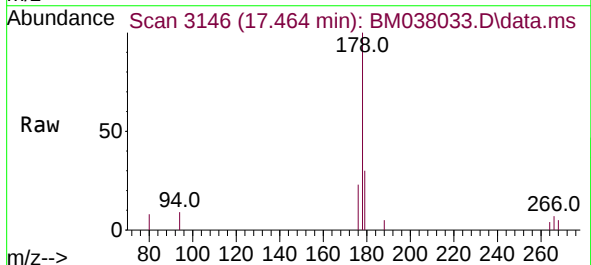
Tgt Ion:266 Resp: 1002525
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.9 74.9
 268 64.5 52.0 78.0

Manual Integrations
 APPROVED

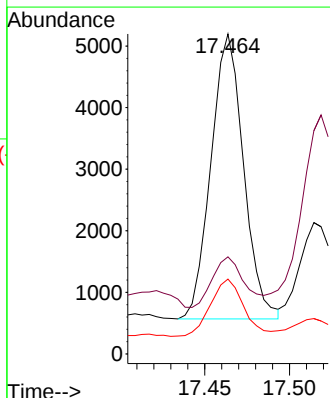
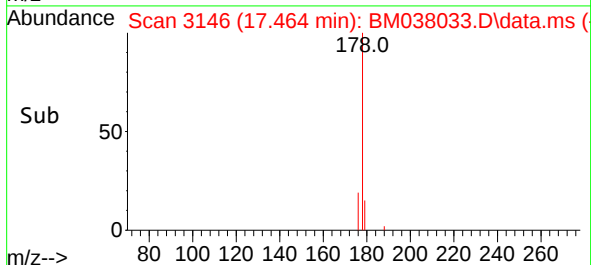
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022

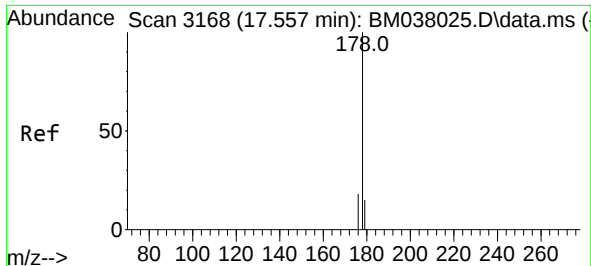


#15
 Phenanthrene
 Concen: 0.081 ng/ul
 RT: 17.464 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BM038033.D
 Acq: 15 Dec 2022 15:50



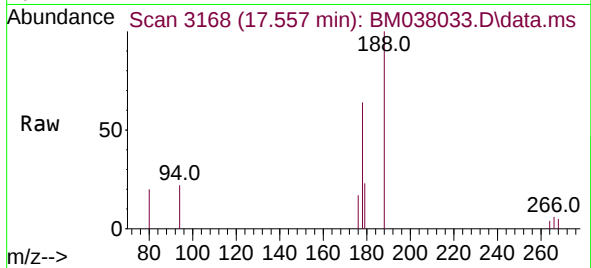
Tgt Ion:178 Resp: 6197
 Ion Ratio Lower Upper
 178 100
 179 30.3 12.6 19.0#
 176 23.4 15.8 23.6





#16
 Anthracene
 Concen: 0.053 ng/u1
 RT: 17.557 min Scan# 3168
 Delta R.T. 0.000 min
 Lab File: BM038033.D
 Acq: 15 Dec 2022 15:50

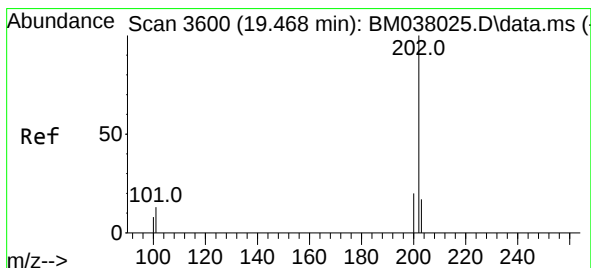
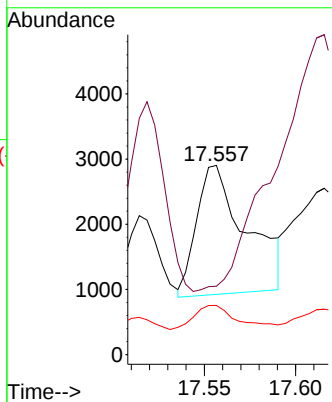
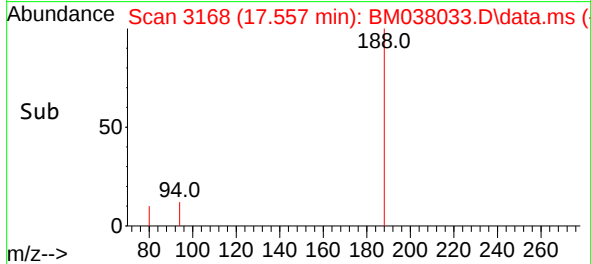
Instrument :
 BNA_M
 ClientSampleId :
 C0LC2RE



Tgt Ion:178 Resp: 3732
 Ion Ratio Lower Upper
 178 100
 179 36.2 13.0 19.4
 176 26.0 15.0 22.4

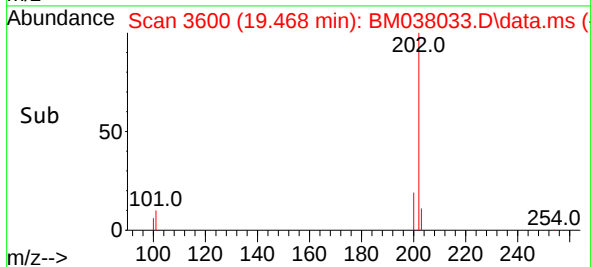
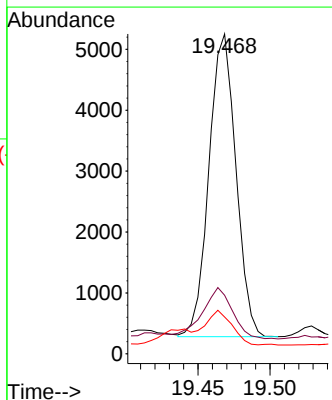
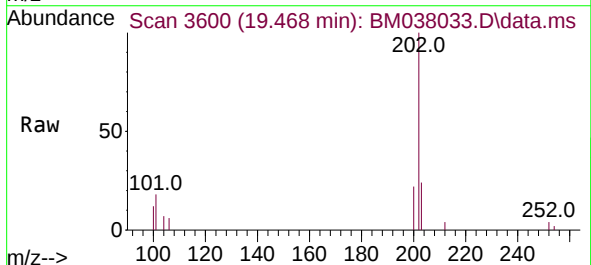
Manual Integrations
 APPROVED

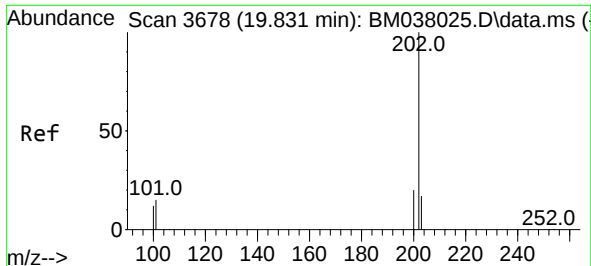
Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/17/2022



#19
 Fluoranthene
 Concen: 0.085 ng/u1
 RT: 19.468 min Scan# 3600
 Delta R.T. 0.000 min
 Lab File: BM038033.D
 Acq: 15 Dec 2022 15:50

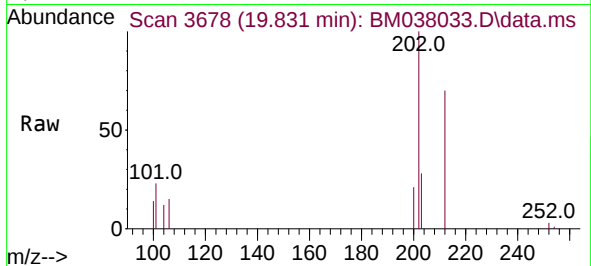
Tgt Ion:202 Resp: 6485
 Ion Ratio Lower Upper
 202 100
 101 18.3 10.6 15.8
 100 11.5 7.9 11.9





#20
Pyrene
Concen: 0.152 ng/ul m
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038033.D
Acq: 15 Dec 2022 15:50

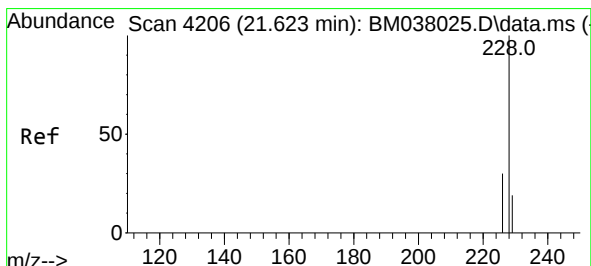
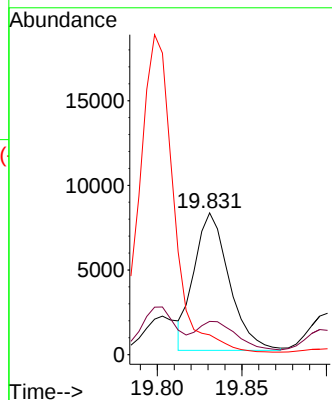
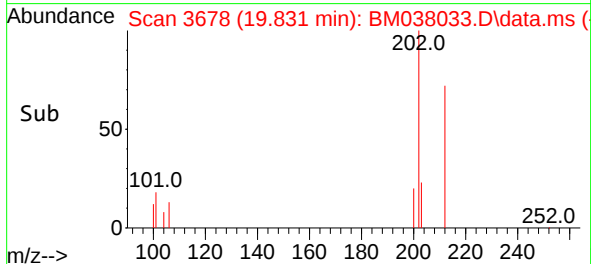
Instrument :
BNA_M
ClientSampleId :
C0LC2RE



Tgt Ion:202 Resp: 11758
Ion Ratio Lower Upper
202 100
101 23.4 12.1 18.1#
100 14.0 9.8 14.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022



#22
Chrysene
Concen: 0.024 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038033.D
Acq: 15 Dec 2022 15:50

Tgt Ion:228 Resp: 1513
Ion Ratio Lower Upper
228 100
226 38.1 24.1 36.1#
229 34.0 15.7 23.5#

