

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038011.D
 Acq On : 14 Dec 2022 23:29
 Operator : CG/JU
 Sample : N5983-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0LC2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 05:06:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	18779	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	11913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	26362	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	16752	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	15358	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	28261	3.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7849	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	18111	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.748	142	1877	0.054	ng/ul#	73
11) Acenaphthene	14.749	153	1622	0.033	ng/ul	91
14) Pentachlorophenol	17.075	266	1029557	91.865	ng/ul	98
15) Phenanthrene	17.468	178	6846	0.075	ng/ul#	82
16) Anthracene	17.557	178	4233	0.051	ng/ul#	73
19) Fluoranthene	19.469	202	7189	0.081	ng/ul#	91
20) Pyrene	19.831	202	13294m	0.148	ng/ul	
22) Chrysene	21.621	228	1623	0.020	ng/ul#	76

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

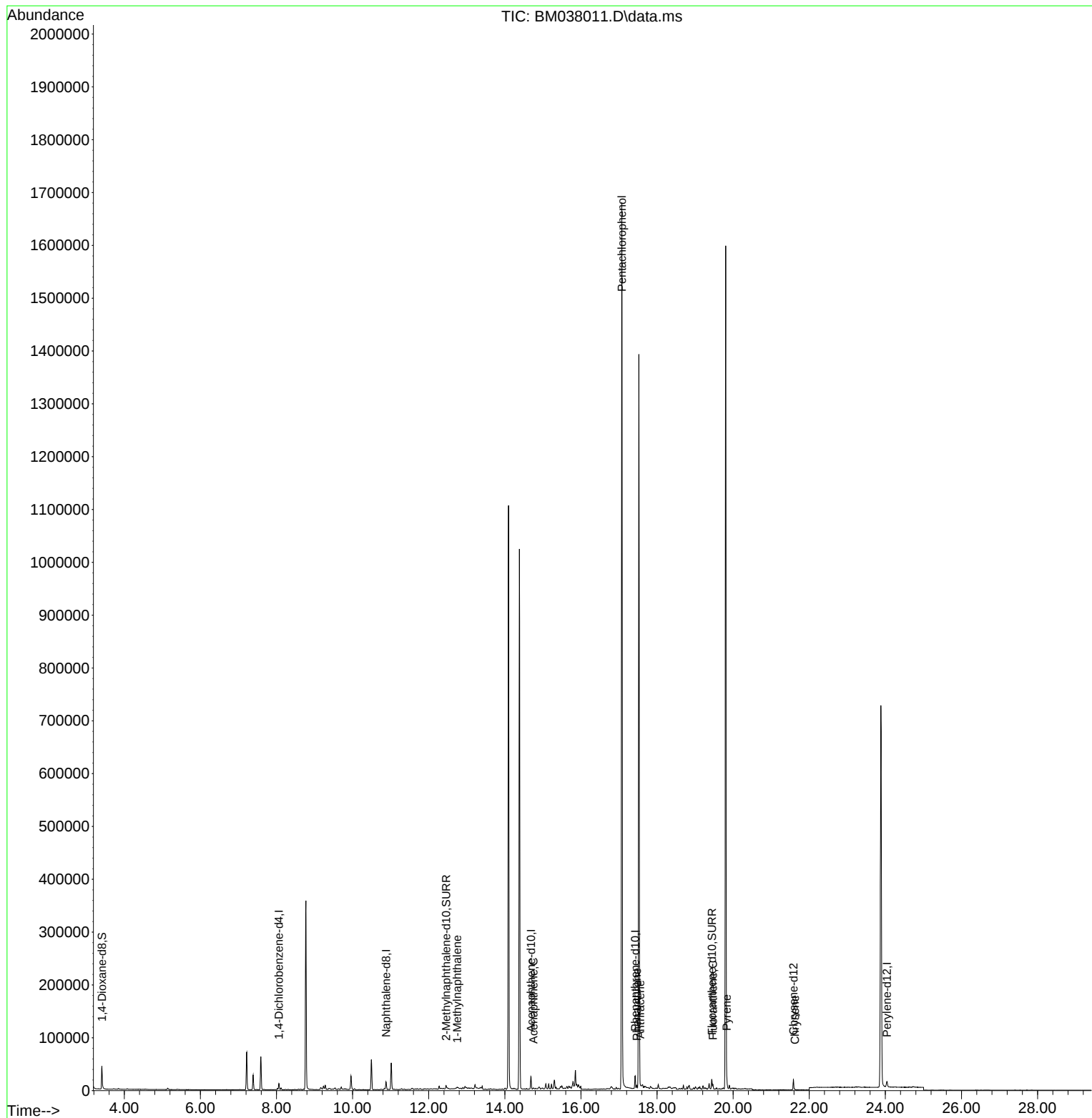
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM038011.D
Acq On : 14 Dec 2022 23:29
Operator : CG/JU
Sample : N5983-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

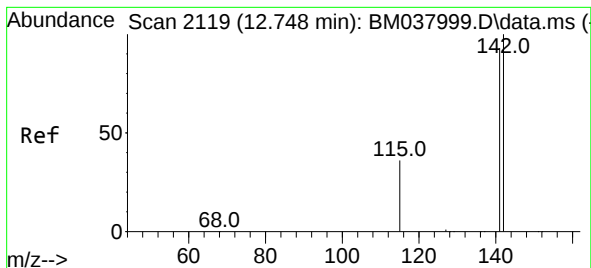
Instrument :
BNA_M
ClientSampleId :
C0LC2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 05:06:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration





#8

1-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.748 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BM038011.D

Acq: 14 Dec 2022 23:29

Instrument :

BNA_M

ClientSampleId :

C0LC2

Tgt Ion:142 Resp: 1872

Ion Ratio Lower Upper

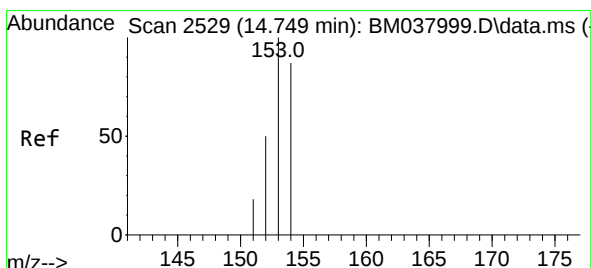
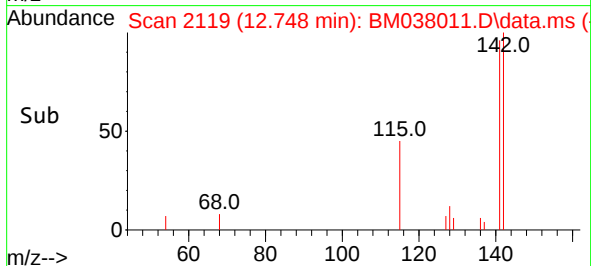
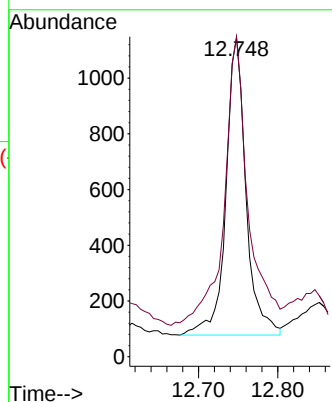
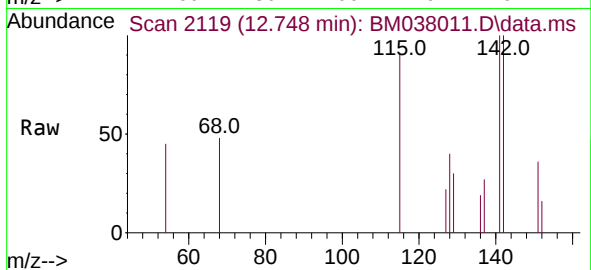
142 100

141 116.9 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#11

Acenaphthene

Concen: 0.033 ng/ul

RT: 14.749 min Scan# 2529

Delta R.T. -0.005 min

Lab File: BM038011.D

Acq: 14 Dec 2022 23:29

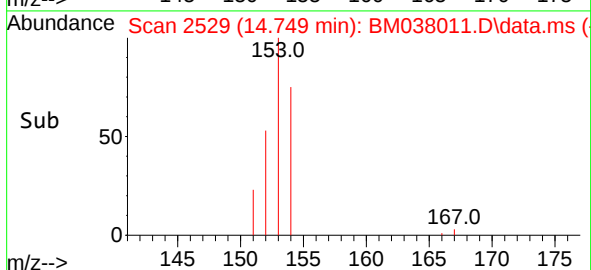
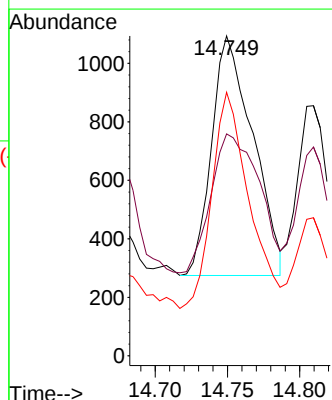
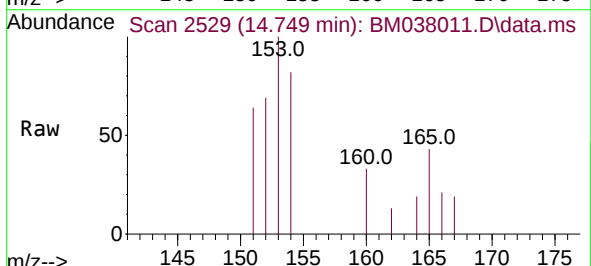
Tgt Ion:153 Resp: 1622

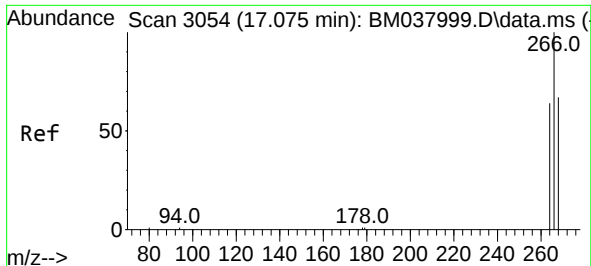
Ion Ratio Lower Upper

153 100

152 69.4 47.1 70.7

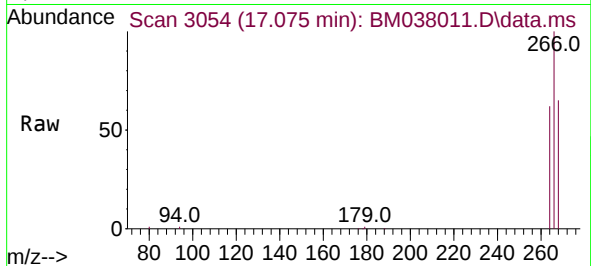
154 82.4 70.7 106.1





#14
Pentachlorophenol
Concen: 91.865 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM038011.D
Acq: 14 Dec 2022 23:29

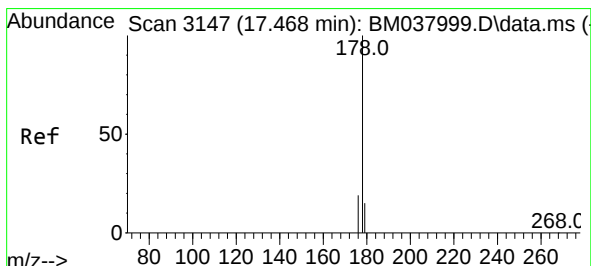
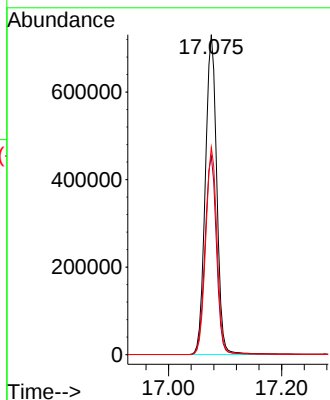
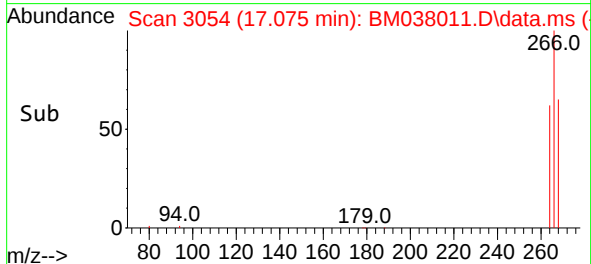
Instrument :
BNA_M
ClientSampleId :
COLC2



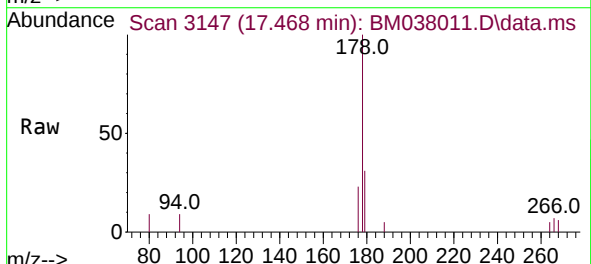
Tgt Ion:266 Resp: 102955
Ion Ratio Lower Upper
266 100
264 62.4 50.9 76.3
268 64.5 50.4 75.6

Manual Integrations
APPROVED

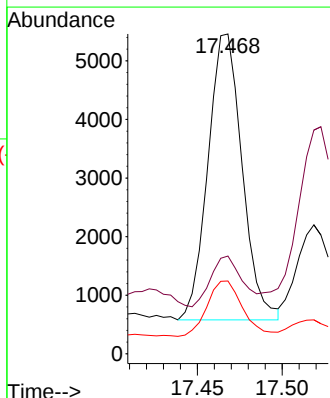
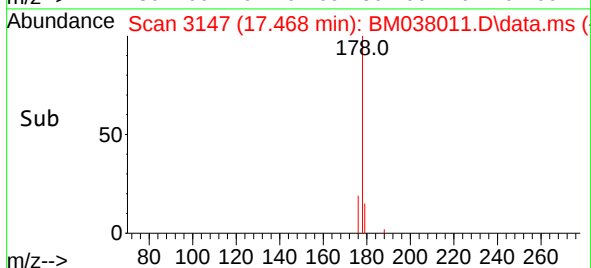
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

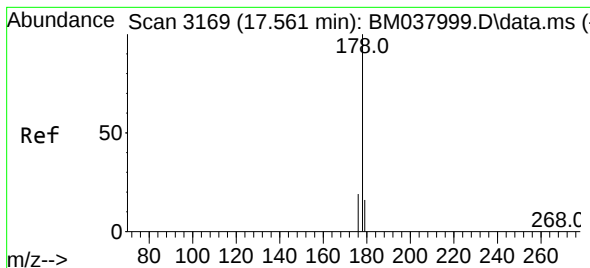


#15
Phenanthrene
Concen: 0.075 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BM038011.D
Acq: 14 Dec 2022 23:29



Tgt Ion:178 Resp: 6846
Ion Ratio Lower Upper
178 100
179 30.6 12.7 19.1#
176 22.8 16.2 24.2





#16

Anthracene

Concen: 0.051 ng/ul

RT: 17.557 min Scan# 3168

Delta R.T. -0.004 min

Lab File: BM038011.D

Acq: 14 Dec 2022 23:29

Instrument :

BNA_M

ClientSampleId :

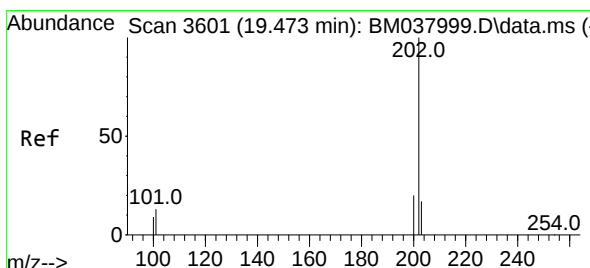
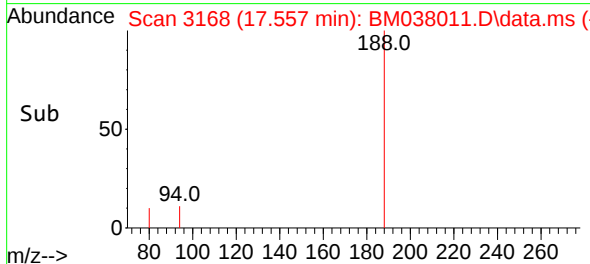
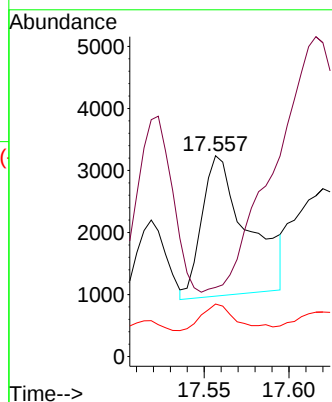
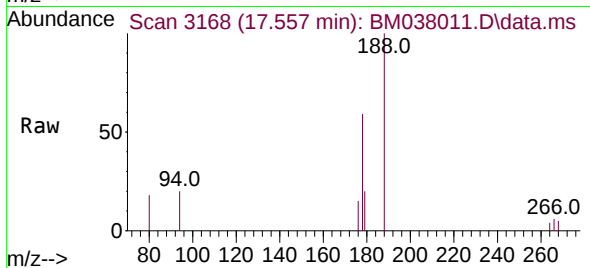
C0LC2

Tgt Ion:	178	Resp:	423
Ion Ratio	Lower	Upper	
178	100		
179	34.5	13.4	20.0
176	26.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#19

Fluoranthene

Concen: 0.081 ng/ul

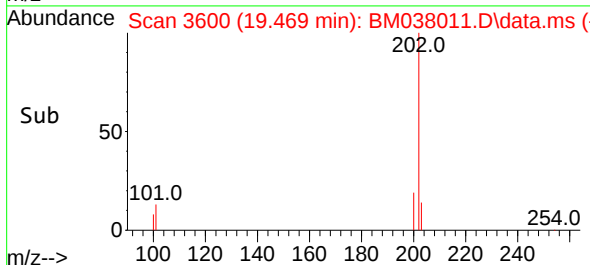
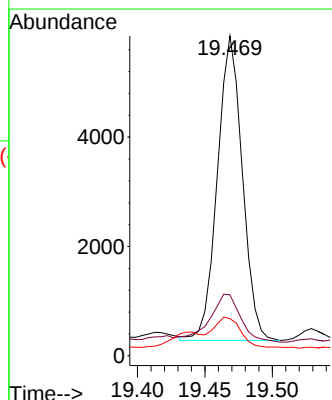
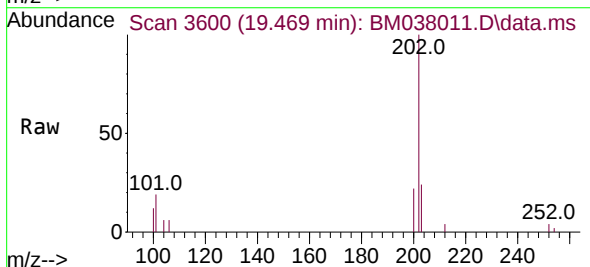
RT: 19.469 min Scan# 3600

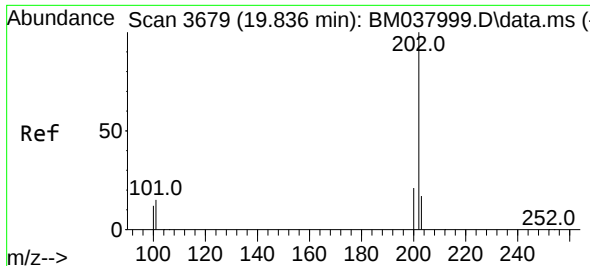
Delta R.T. -0.005 min

Lab File: BM038011.D

Acq: 14 Dec 2022 23:29

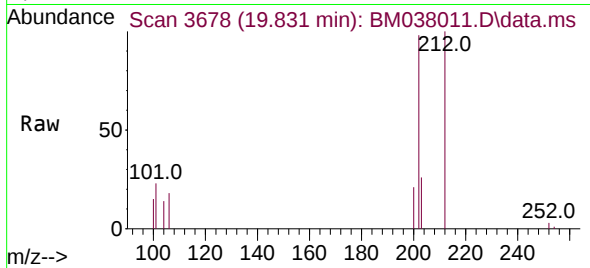
Tgt Ion:	202	Resp:	7189
Ion Ratio	Lower	Upper	
202	100		
101	19.1	10.9	16.3
100	11.6	8.5	12.7





#20
Pyrene
Concen: 0.148 ng/ul m
RT: 19.831 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038011.D
Acq: 14 Dec 2022 23:29

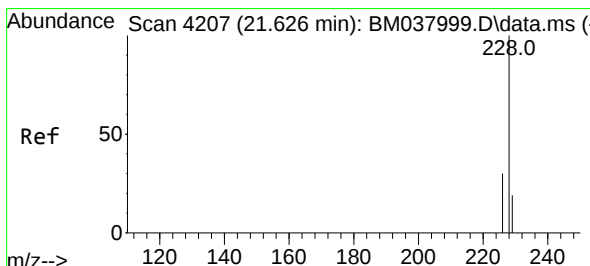
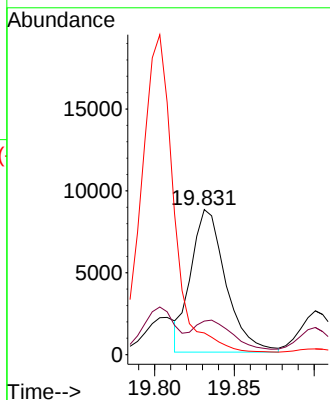
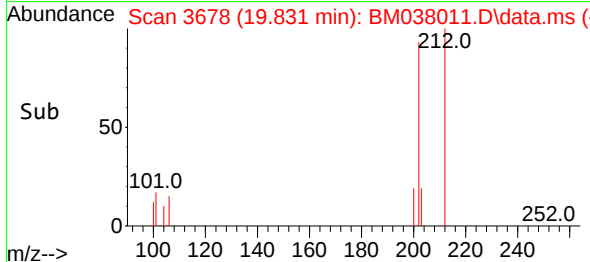
Instrument :
BNA_M
ClientSampleId :
COLC2



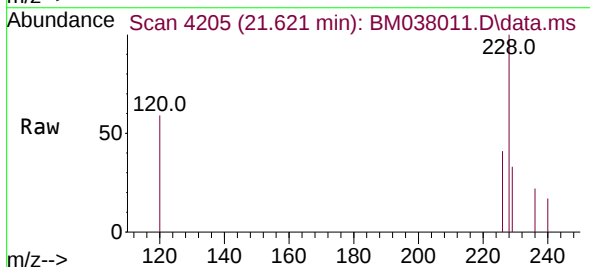
Tgt Ion:202 Resp: 13294
Ion Ratio Lower Upper
202 100
101 23.2 12.6 19.0#
100 15.0 10.6 15.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#22
Chrysene
Concen: 0.020 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.009 min
Lab File: BM038011.D
Acq: 14 Dec 2022 23:29



Tgt Ion:228 Resp: 1623
Ion Ratio Lower Upper
228 100
226 40.6 23.7 35.5#
229 33.0 15.8 23.8#

