

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036140.D
 Acq On : 06 Aug 2022 03:56
 Operator : CG/JU
 Sample : N3961-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-172

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022

Quant Time: Aug 06 05:01:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	320286	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	1313696	20.00	ng	0.00
39) Acenaphthene-d10	14.498	164	750469	20.00	ng	0.00
64) Phenanthrene-d10	17.239	188	1462222	20.00	ng	0.00
76) Chrysene-d12	21.415	240	1336144	20.00	ng	0.00
86) Perylene-d12	23.780	264	1383187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2249837	113.88	ng	0.02
7) Phenol-d6	7.069	99	2781293	110.64	ng	0.04
23) Nitrobenzene-d5	9.028	82	1691168	72.06	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	1038026	117.90	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	3720789	73.20	ng	0.00
79) Terphenyl-d14	19.862	244	5204297	76.83	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.292	202	226549	2.72	ng	97
78) Pyrene	19.656	202	256376	3.09	ng	99
88) Benzo(b)fluoranthene	23.056	252	213866m	2.64	ng	
90) Benzo(a)pyrene	23.668	252	146134	2.15	ng	# 87

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

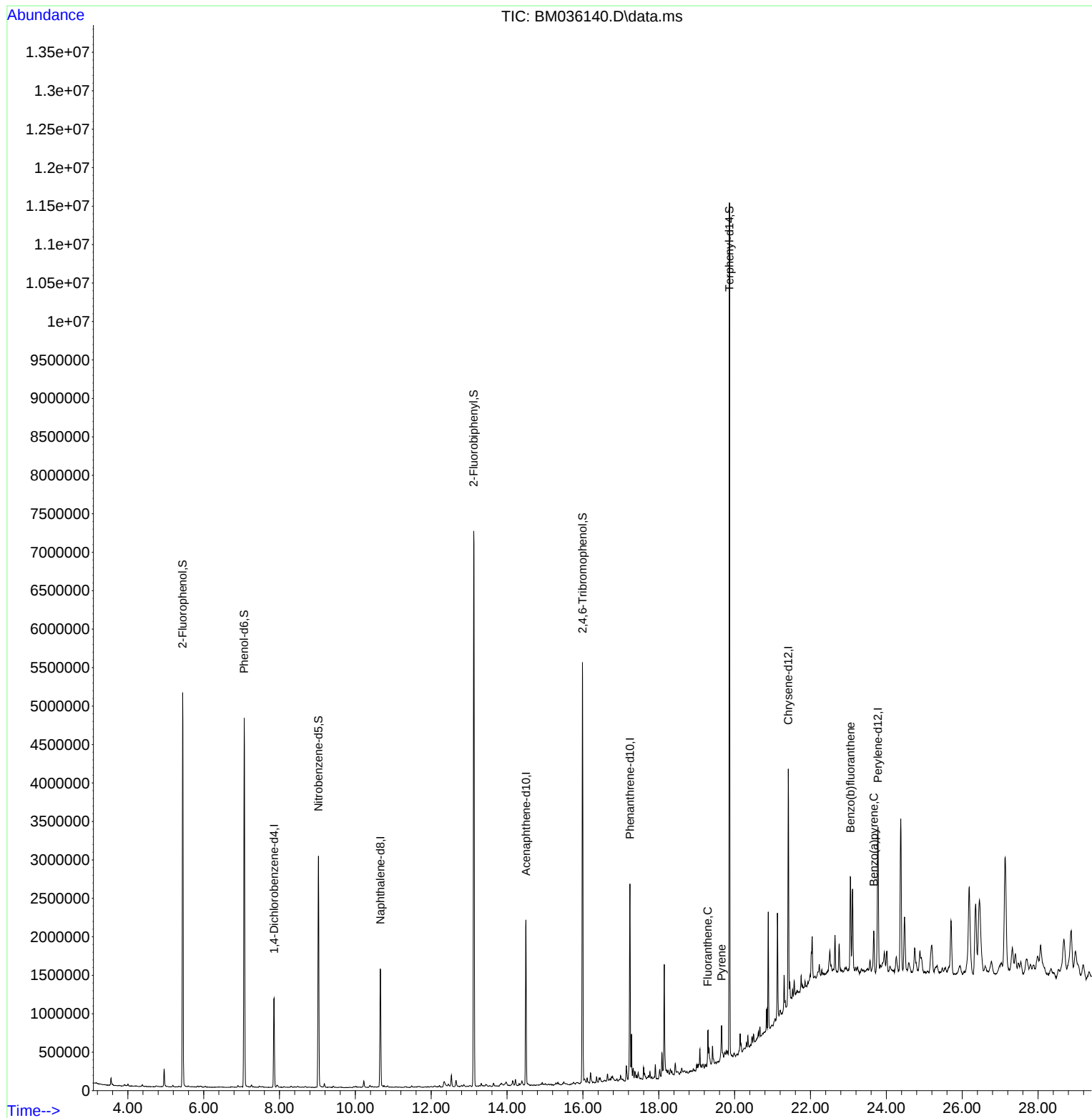
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036140.D
Acq On : 06 Aug 2022 03:56
Operator : CG/JU
Sample : N3961-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

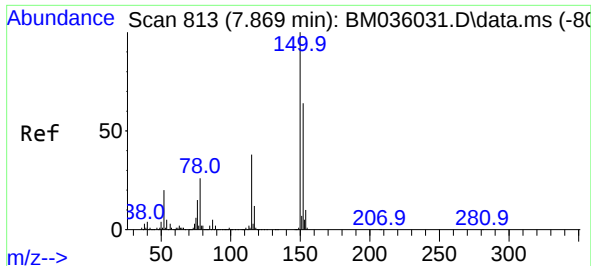
Instrument :
BNA_M
ClientSampleId :
RVE-172

Quant Time: Aug 06 05:01:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022





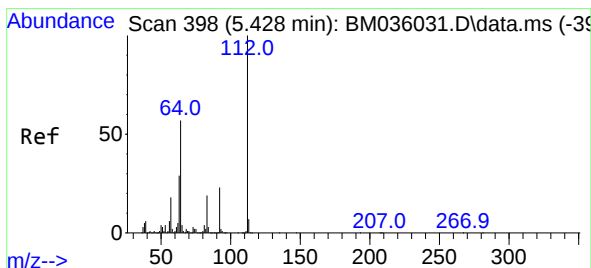
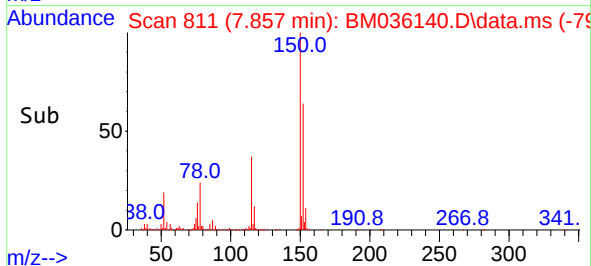
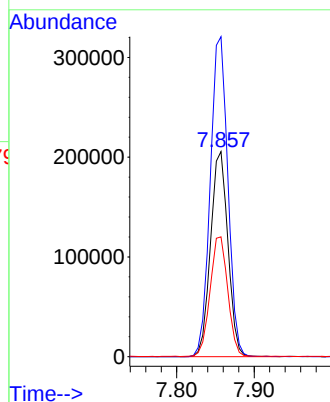
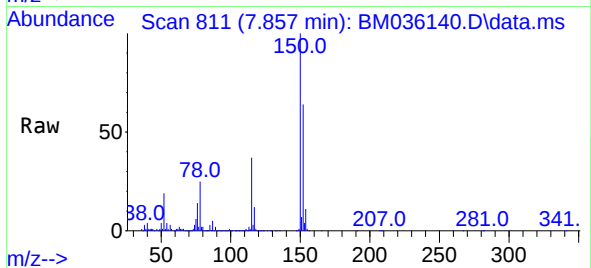
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Instrument :
BNA_M
ClientSampleId :
RVE-172

Tgt Ion:152 Resp: 320280
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 58.4 47.9 71.9

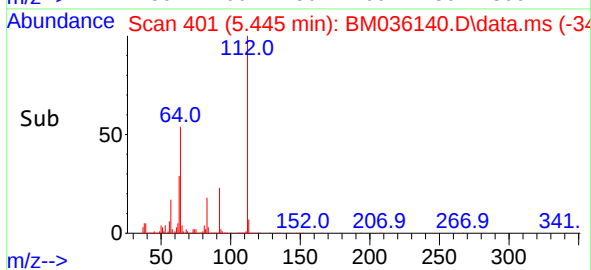
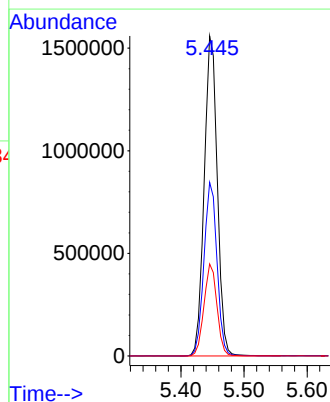
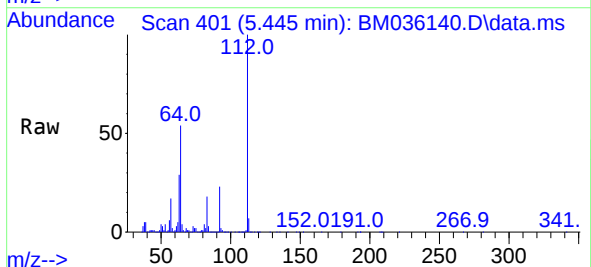
Manual Integrations
APPROVED

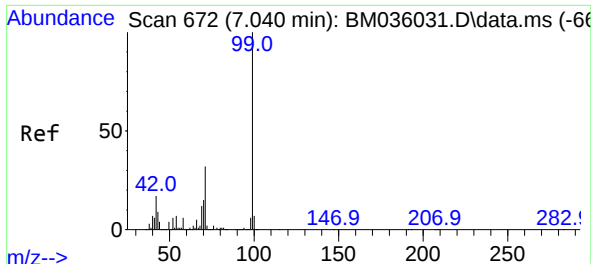
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 113.88 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.023 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

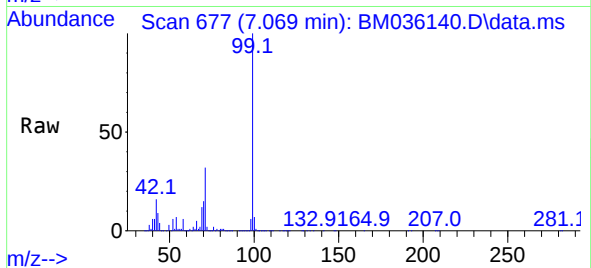
Tgt Ion:112 Resp: 2249837
Ion Ratio Lower Upper
112 100
64 54.3 47.8 71.6
63 28.8 26.6 40.0





#7
Phenol-d6
Concen: 110.64 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

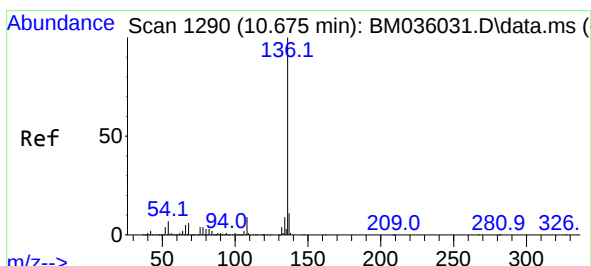
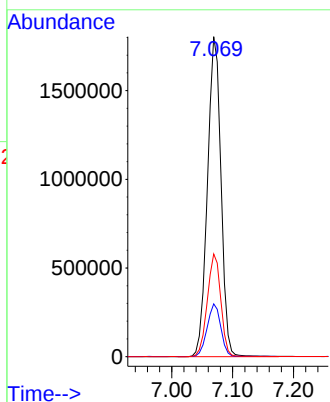
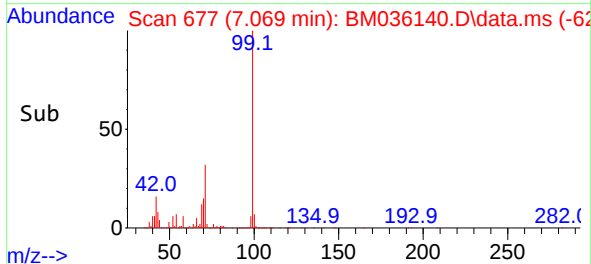
Instrument :
BNA_M
ClientSampleId :
RVE-172



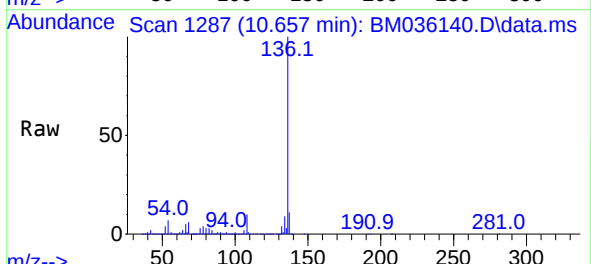
Tgt Ion: 99 Resp: 278129
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2
71 32.1 30.2 45.2

Manual Integrations
APPROVED

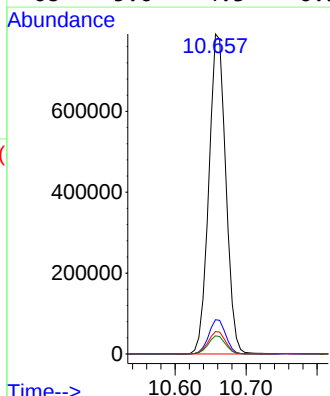
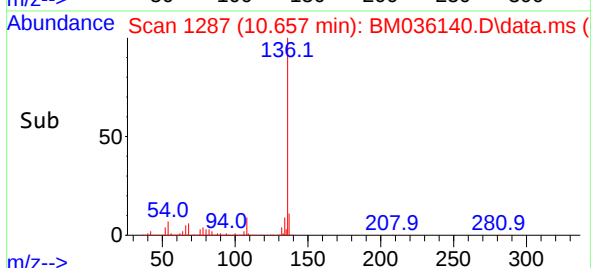
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

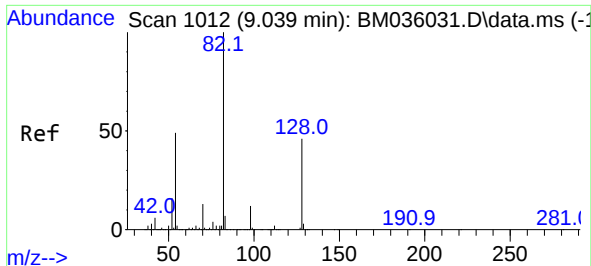


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



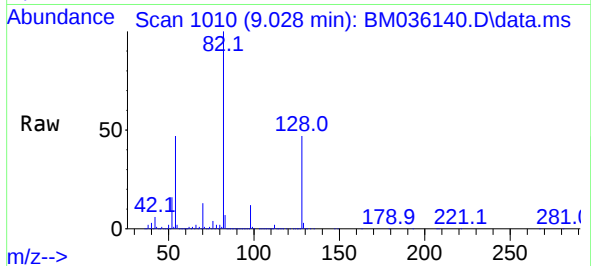
Tgt Ion:136 Resp: 1313696
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 7.0 10.4
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 72.06 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

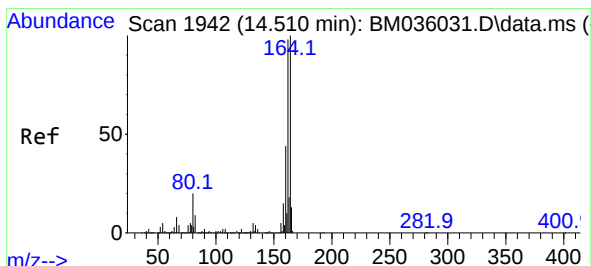
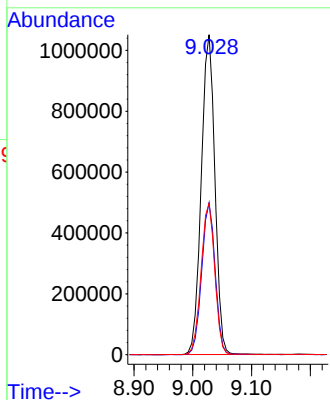
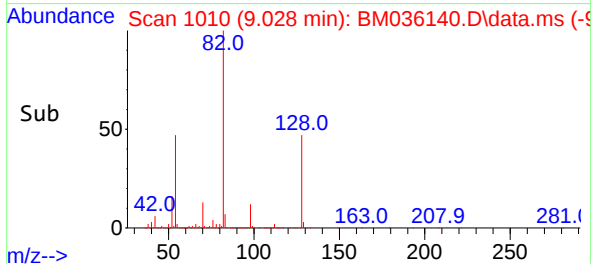
Instrument :
BNA_M
ClientSampleId :
RVE-172



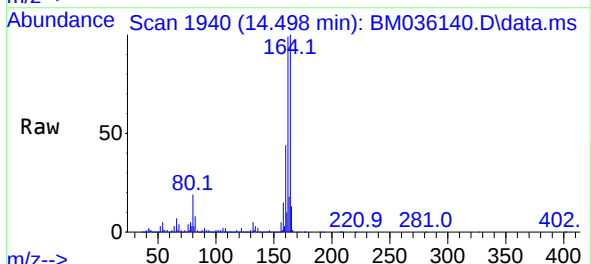
Tgt Ion: 82 Resp: 169116
Ion Ratio Lower Upper
82 100
128 47.5 33.7 50.5
54 47.3 43.2 64.8

Manual Integrations
APPROVED

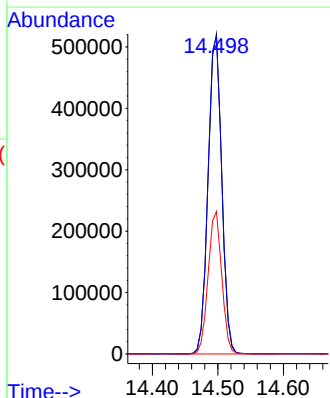
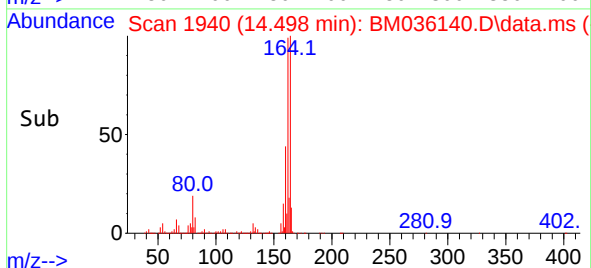
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

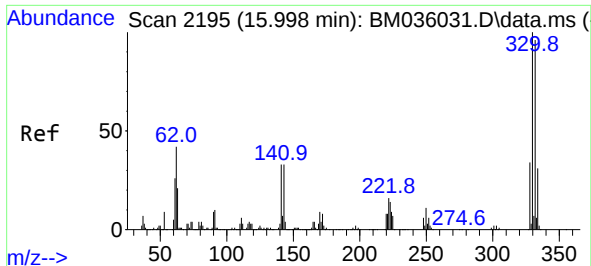


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



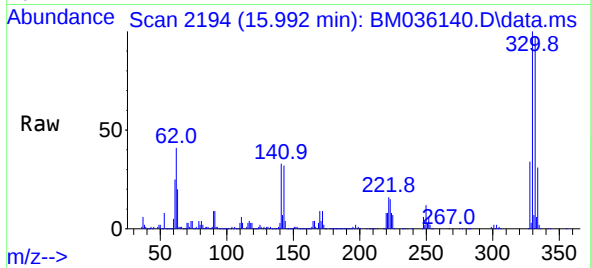
Tgt Ion:164 Resp: 750469
Ion Ratio Lower Upper
164 100
162 99.2 83.0 124.6
160 44.5 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 117.90 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

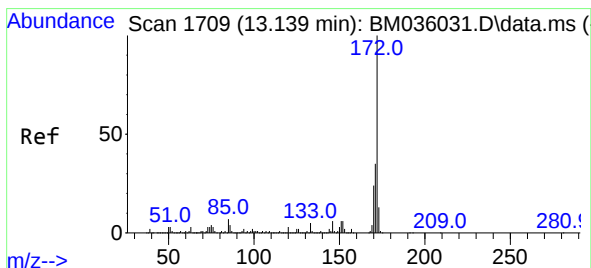
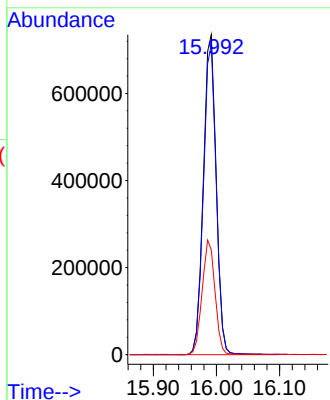
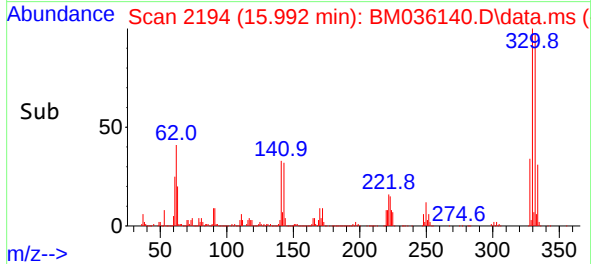
Instrument :
BNA_M
ClientSampleId :
RVE-172



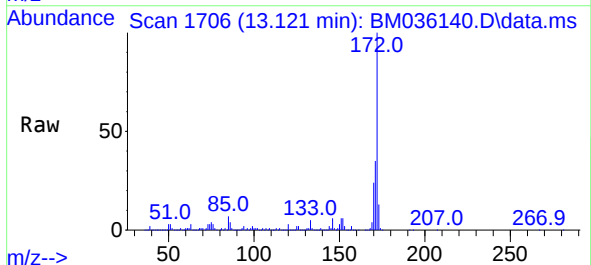
Tgt Ion:330 Resp: 1038020
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 35.6 35.3 52.9

Manual Integrations
APPROVED

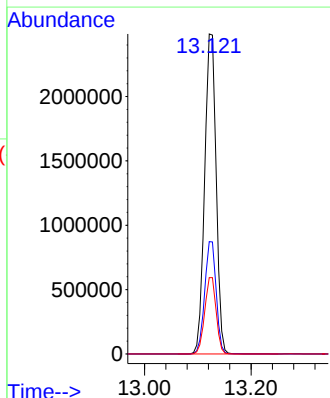
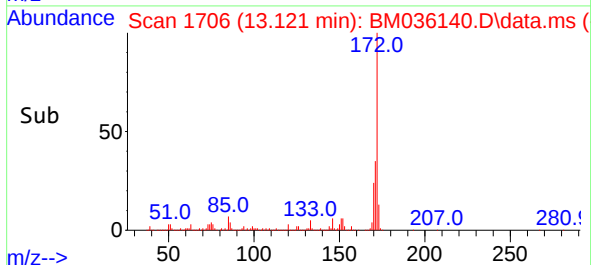
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

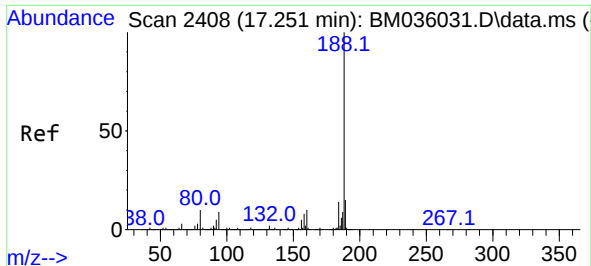


#45
2-Fluorobiphenyl
Concen: 73.20 ng
RT: 13.121 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



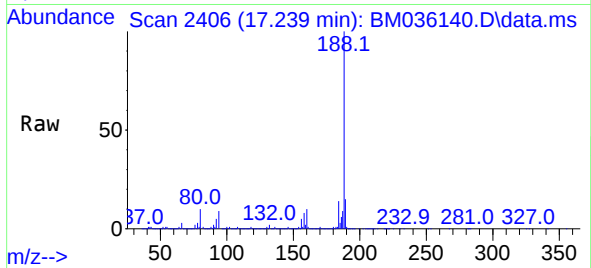
Tgt Ion:172 Resp: 3720789
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.9 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

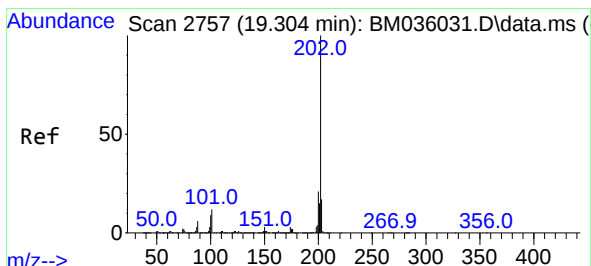
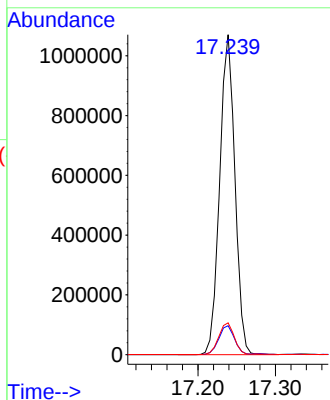
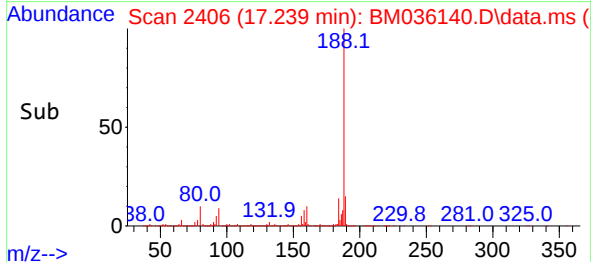
Instrument :
BNA_M
ClientSampleId :
RVE-172



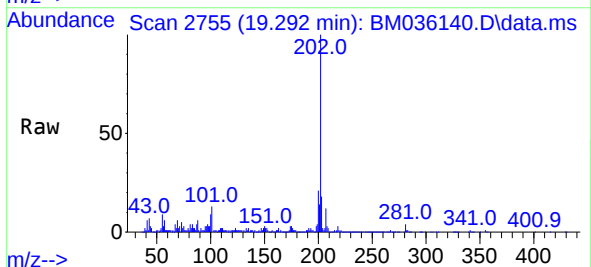
Tgt Ion:188 Resp: 146222
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.0 7.6 11.4

Manual Integrations
APPROVED

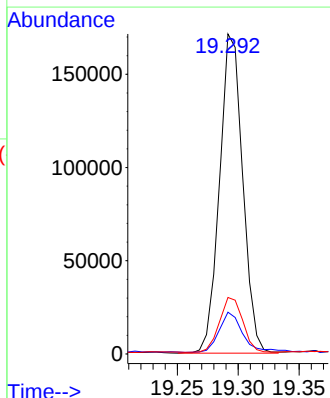
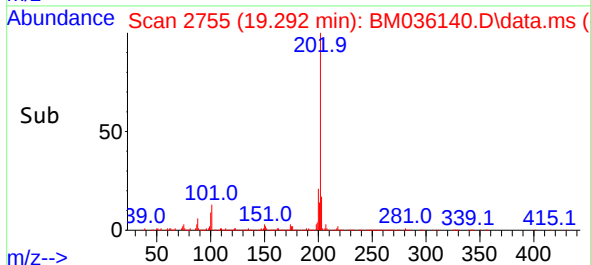
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

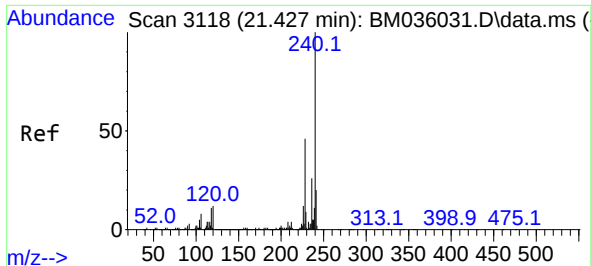


#75
Fluoranthene
Concen: 2.72 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



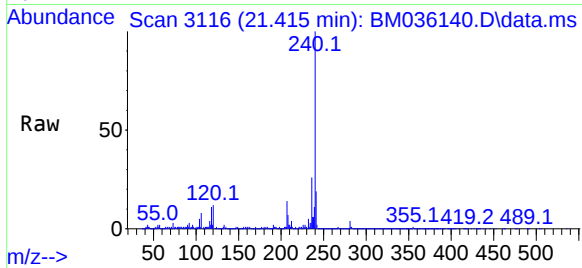
Tgt Ion:202 Resp: 226549
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.6
203 17.7 0.0 37.4





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

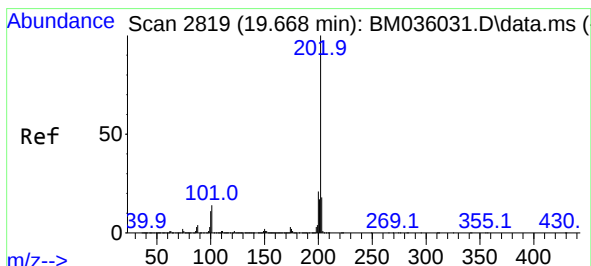
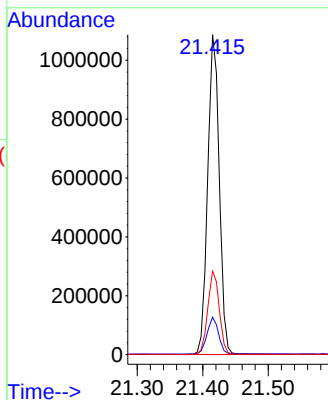
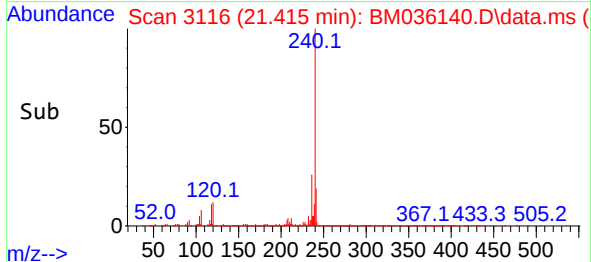
Instrument :
BNA_M
ClientSampleId :
RVE-172



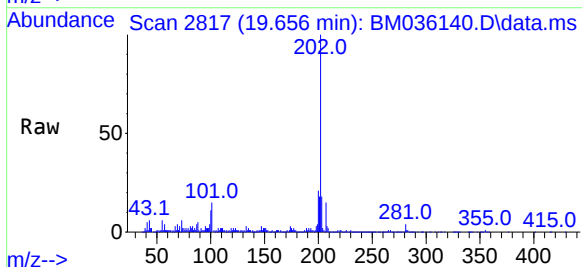
Tgt Ion:240 Resp: 133614
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.0
236 26.2 20.6 30.8

Manual Integrations
APPROVED

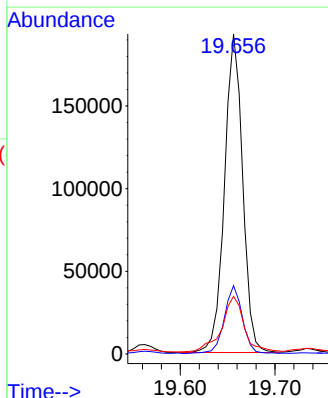
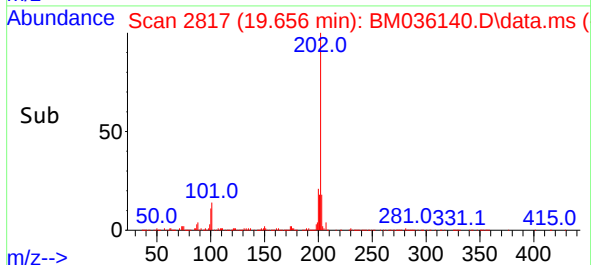
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

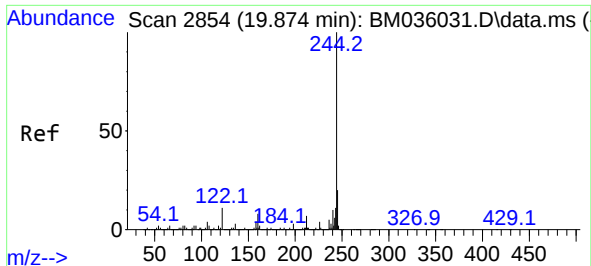


#78
Pyrene
Concen: 3.09 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



Tgt Ion:202 Resp: 256376
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 18.0 13.9 20.9





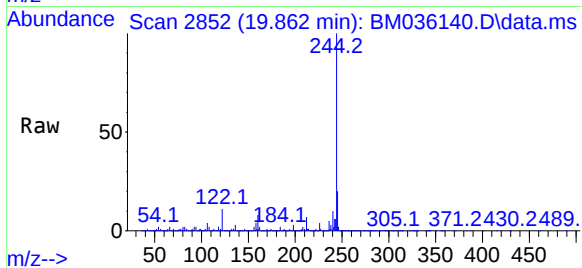
#79
Terphenyl-d14
Concen: 76.83 ng
RT: 19.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

Instrument :

BNA_M

ClientSampleId :

RVE-172

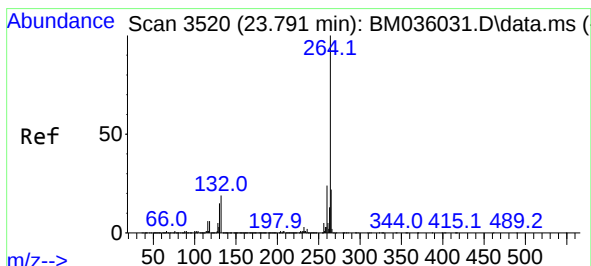
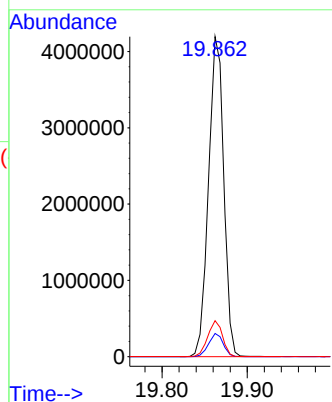
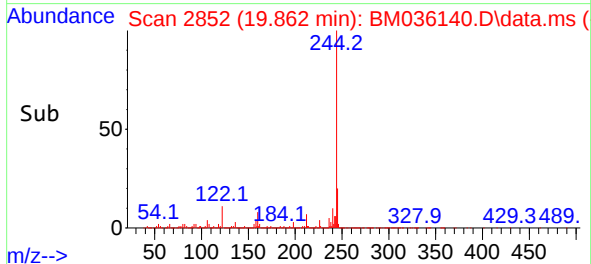


Tgt Ion:244 Resp: 520429
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 11.3 8.3 12.5

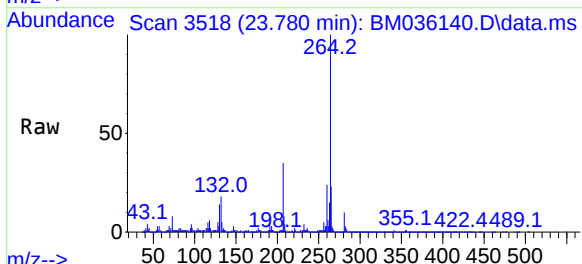
Manual Integrations

APPROVED

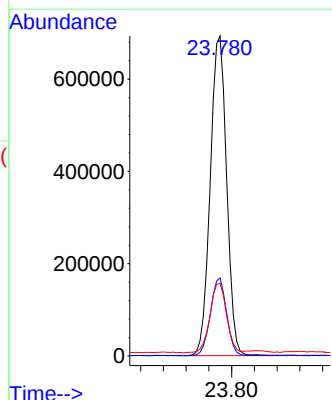
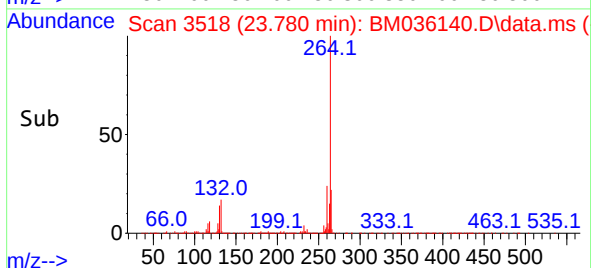
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

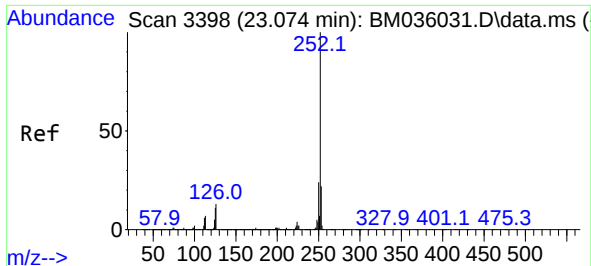


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



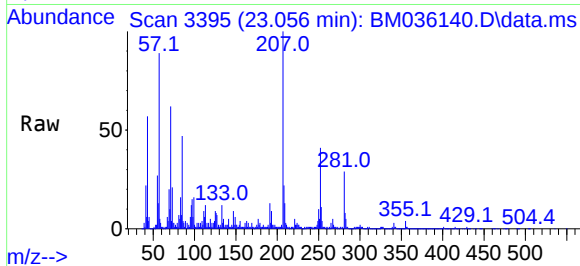
Tgt Ion:264 Resp: 1383187
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.7 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.64 ng m
RT: 23.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56

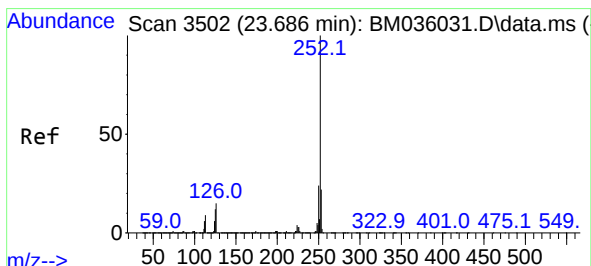
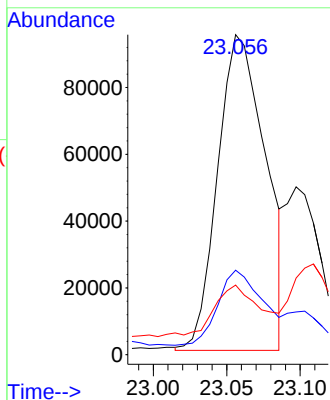
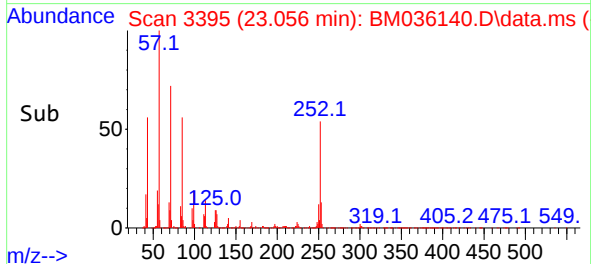
Instrument :
BNA_M
ClientSampleId :
RVE-172



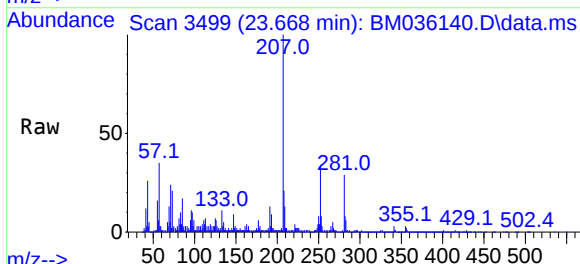
Tgt Ion:252 Resp: 21386
Ion Ratio Lower Upper
252 100
253 26.4 17.6 26.4
125 21.8 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#90
Benzo(a)pyrene
Concen: 2.15 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM036140.D
Acq: 06 Aug 2022 03:56



Tgt Ion:252 Resp: 146134
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 19.6 8.7 13.1

