

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035801.D
 Acq On : 13 Jul 2022 19:25
 Operator : CG/JU
 Sample : N3687-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-346

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/14/2022
 Supervised By : Jagrut Upadhyay 07/14/2022

Quant Time: Jul 14 01:48:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	298155	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1259519	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	727780	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1423189	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1205964	20.000	ng	0.00
86) Perylene-d12	23.838	264	1250902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2225308	121.230	ng	0.00
7) Phenol-d6	7.075	99	2741820	119.414	ng	0.00
23) Nitrobenzene-d5	9.075	82	1674494	76.003	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	1001742	135.541	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	3452556	66.160	ng	0.00
79) Terphenyl-d14	19.903	244	4229120	68.074	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.321	178	602988	8.065	ng	100
74) Di-n-butylphthalate	18.256	149	22556	2.541	ng	98
75) Fluoranthene	19.333	202	1385627	16.572	ng	97
78) Pyrene	19.697	202	1260286	16.641	ng	99
80) Butylbenzylphthalate	20.603	149	12955	4.602	ng	93
81) Benzo(a)anthracene	21.439	228	687080	9.082	ng	99
83) Chrysene	21.491	228	644581	8.825	ng	98
84) Bis(2-ethylhexyl)phtha...	21.386	149	285019	9.816	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.321	276	415456	4.561	ng	98
88) Benzo(b)fluoranthene	23.115	252	841377	11.136	ng	# 93
89) Benzo(k)fluoranthene	23.156	252	308371m	3.902	ng	
90) Benzo(a)pyrene	23.732	252	598338	9.465	ng	# 93
92) Benzo(g,h,i)perylene	27.079	276	411525	5.519	ng	96

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

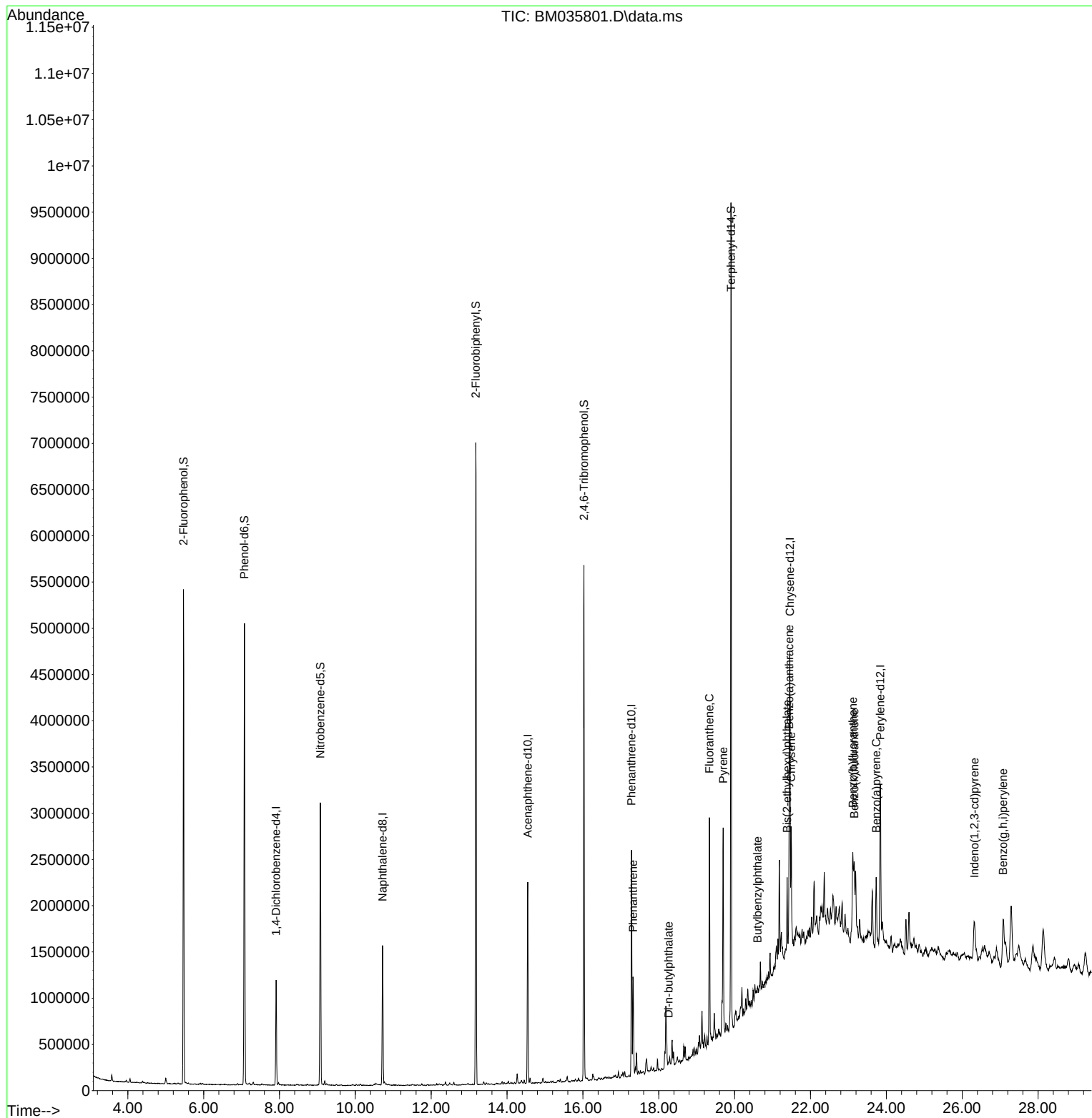
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035801.D
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ALS Vial : 16 Sample Multiplier: 1

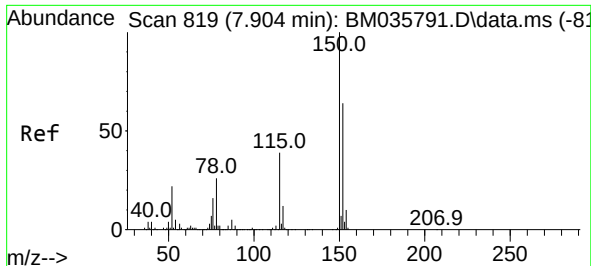
Instrument :
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Quant Time: Jul 14 01:48:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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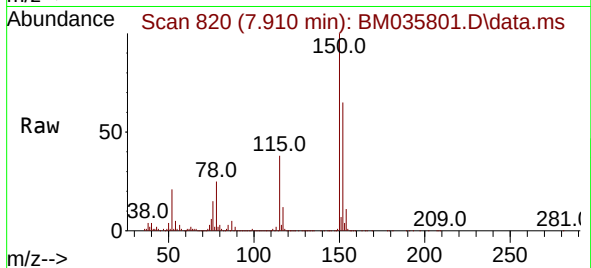
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

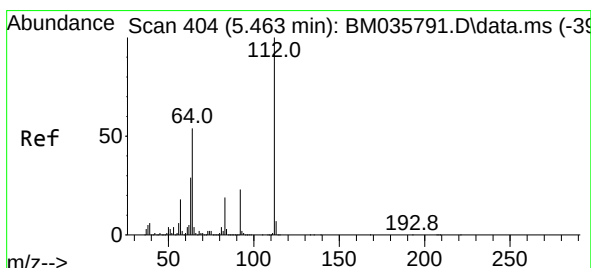
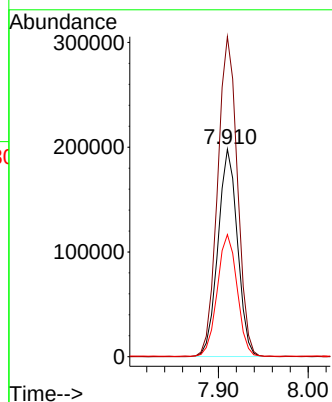
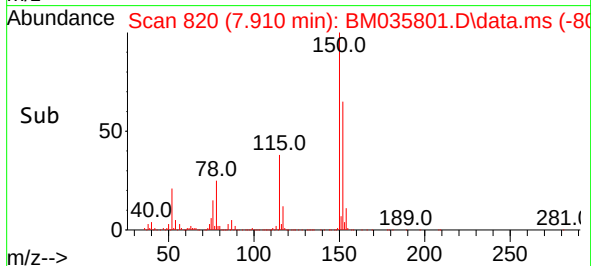
Instrument :
BNA_M
ClientSampleId :
ETGI-346



Tgt Ion:152 Resp: 29815
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 58.8 47.9 71.9

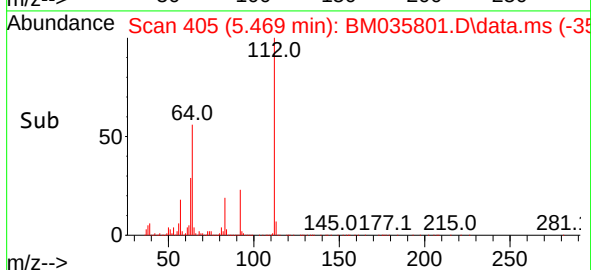
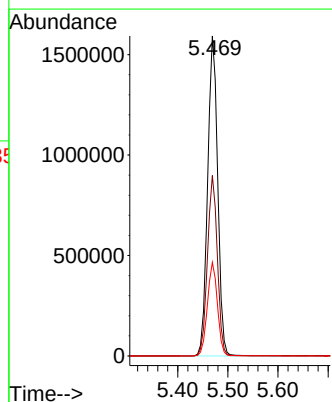
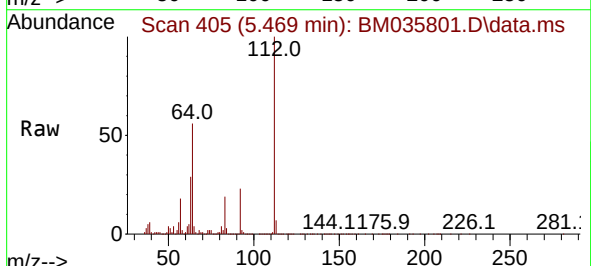
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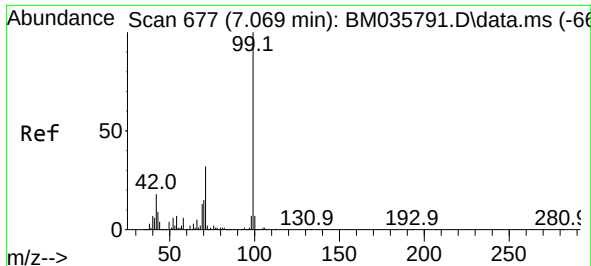
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#5
2-Fluorophenol
Concen: 121.230 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

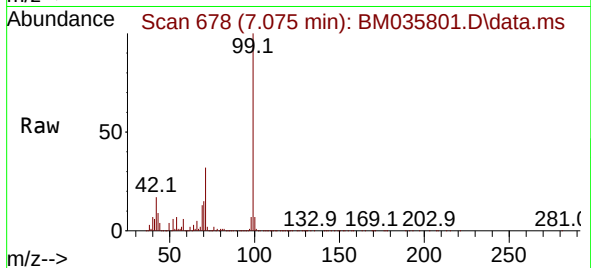
Tgt Ion:112 Resp: 2225308
Ion Ratio Lower Upper
112 100
64 56.4 47.8 71.6
63 29.3 26.6 40.0





#7
Phenol-d6
Concen: 119.414 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

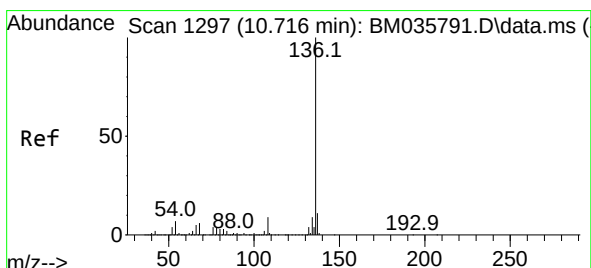
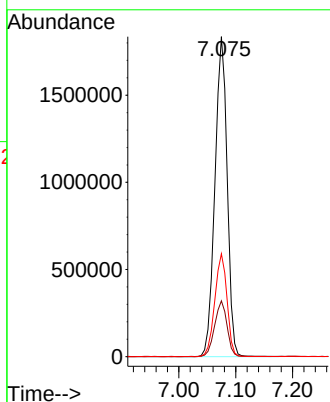
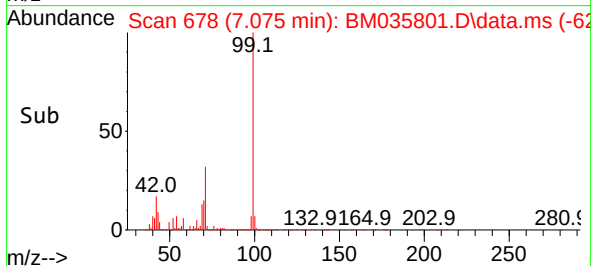
Instrument :
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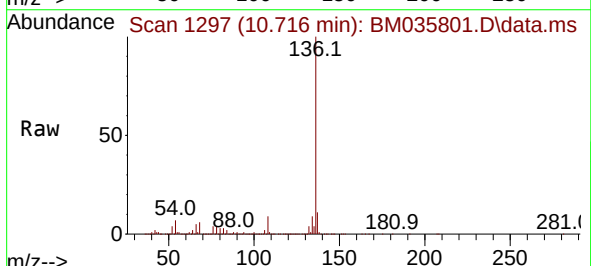
Tgt Ion: 99 Resp: 2741820
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2
71 32.1 30.2 45.2

Manual Integrations
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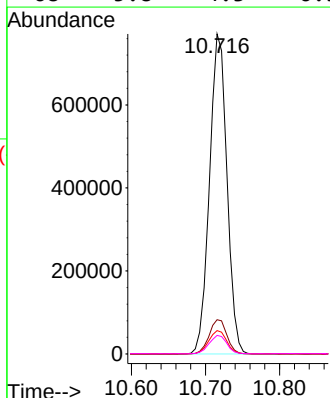
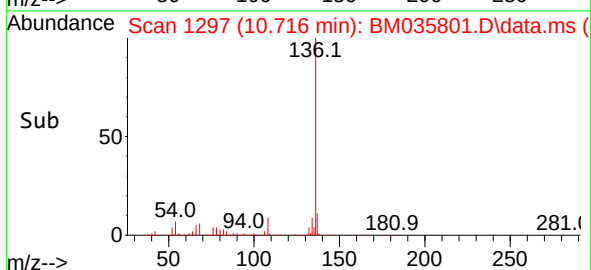
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022

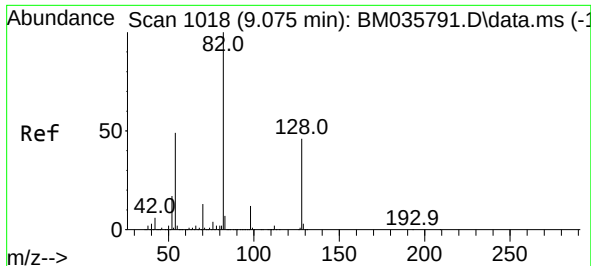


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25



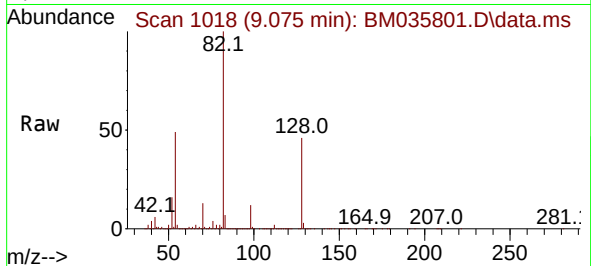
Tgt Ion:136 Resp: 1259519
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 5.8 4.3 6.5





#23
Nitrobenzene-d5
Concen: 76.003 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

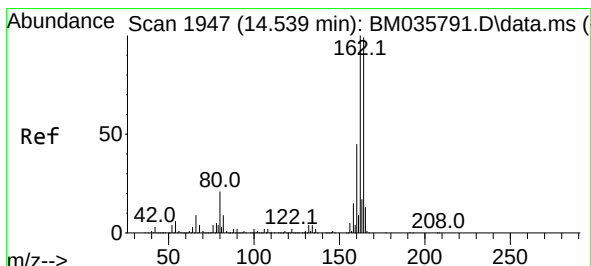
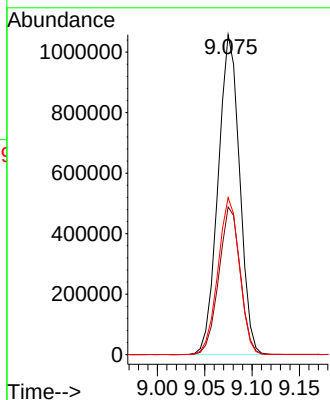
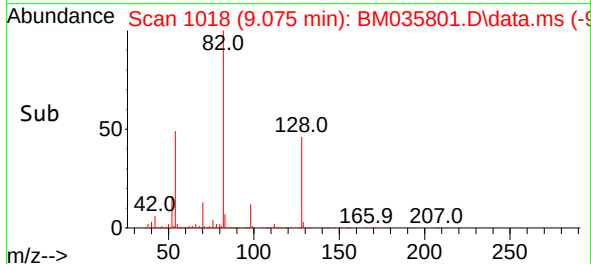
Instrument :
BNA_M
ClientSampleId :
ETGI-346



Tgt Ion: 82 Resp: 1674494
Ion Ratio Lower Upper
82 100
128 46.2 33.7 50.5
54 49.1 43.2 64.8

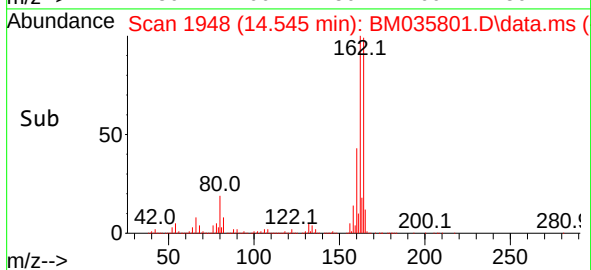
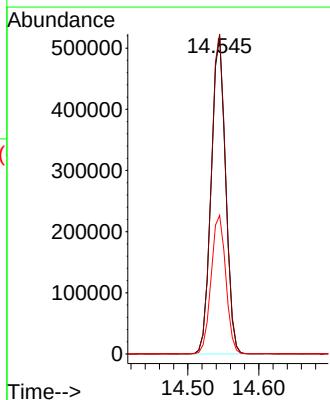
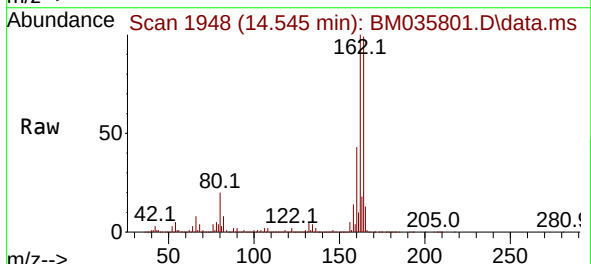
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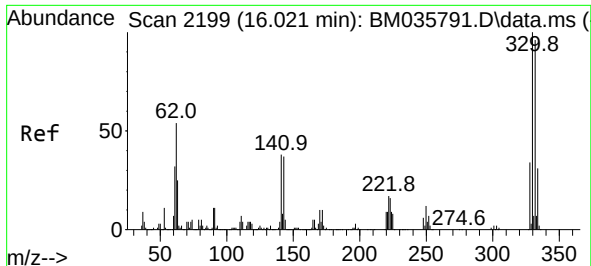
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.006 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Tgt Ion:164 Resp: 727780
Ion Ratio Lower Upper
164 100
162 100.8 83.0 124.6
160 43.6 37.0 55.4





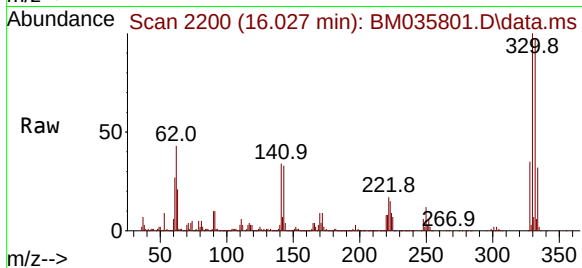
#42
2,4,6-Tribromophenol
Concen: 135.541 ng
RT: 16.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Instrument :

BNA_M

ClientSampleId :

ETGI-346

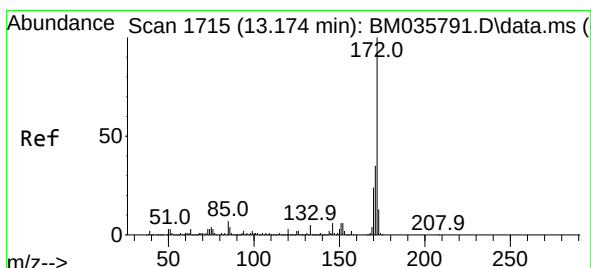
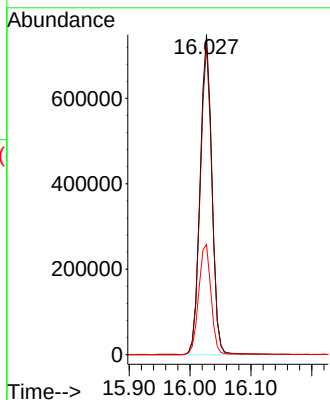
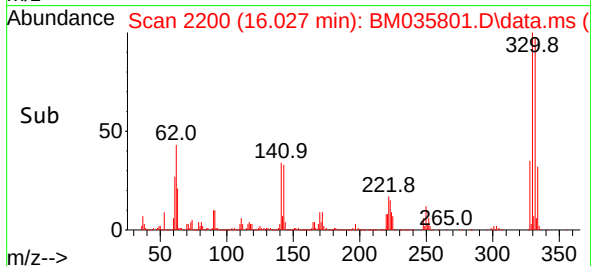


Tgt Ion:330 Resp: 100174
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 36.1 35.3 52.9

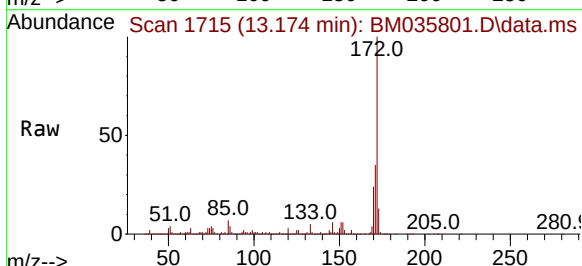
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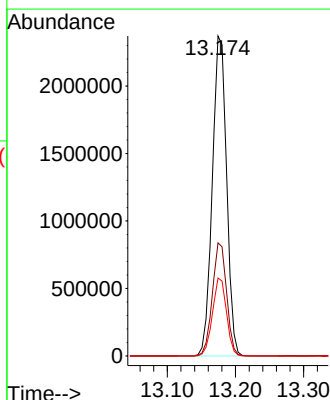
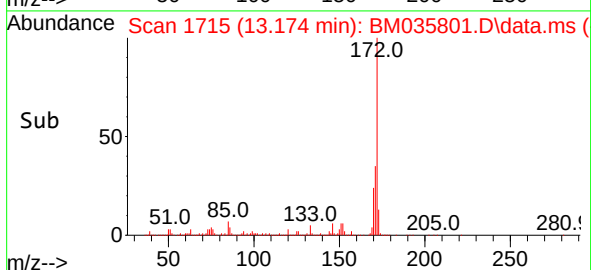
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022

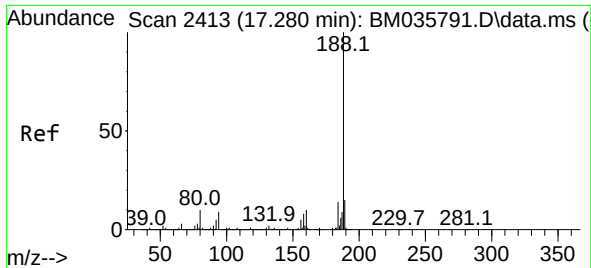


#45
2-Fluorobiphenyl
Concen: 66.160 ng
RT: 13.174 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25



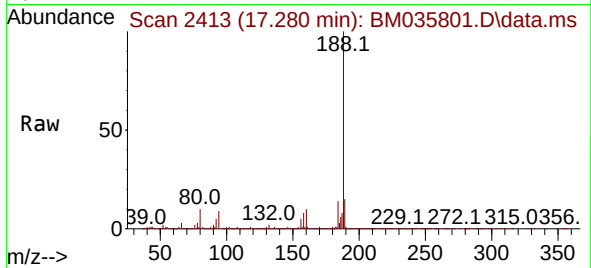
Tgt Ion:172 Resp: 3452556
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.3 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

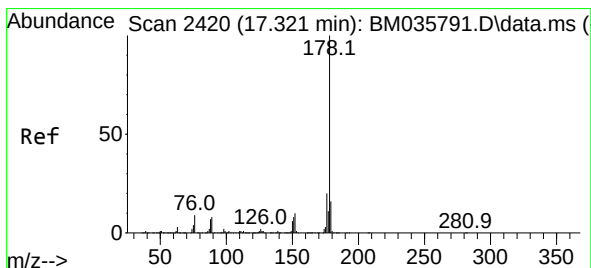
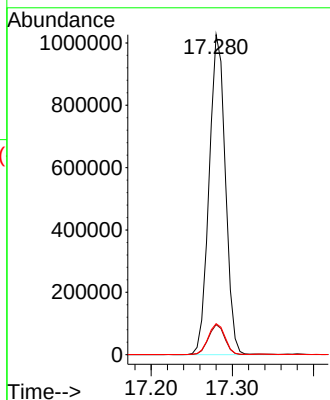
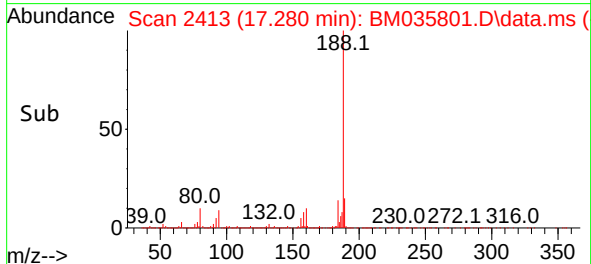
Instrument :
BNA_M
ClientSampleId :
ETGI-346



Tgt Ion:188 Resp: 1423189
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 9.7 7.6 11.4

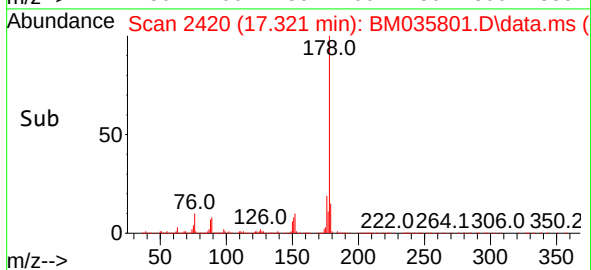
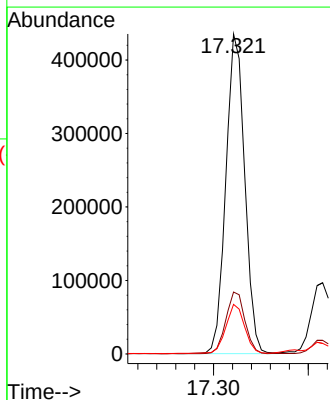
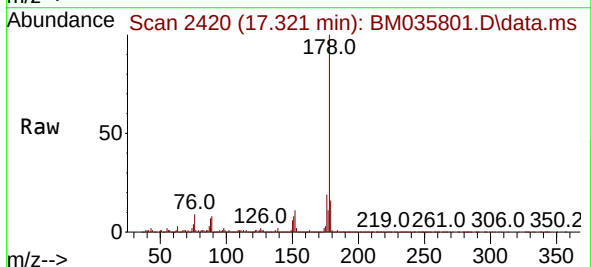
Manual Integrations
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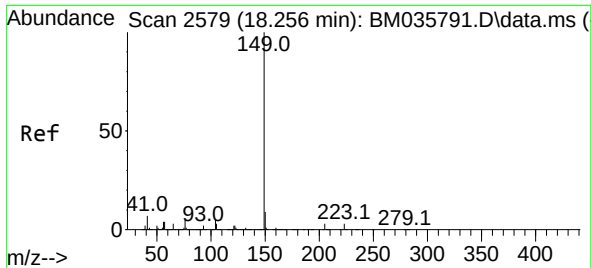
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#71
Phenanthrene
Concen: 8.065 ng
RT: 17.321 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Tgt Ion:178 Resp: 602988
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6





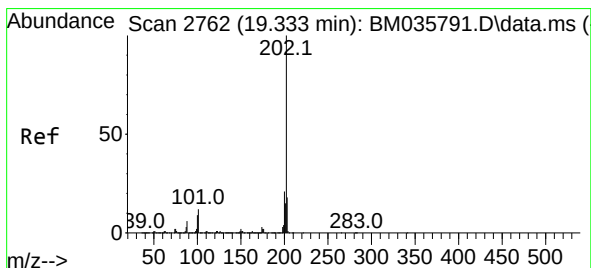
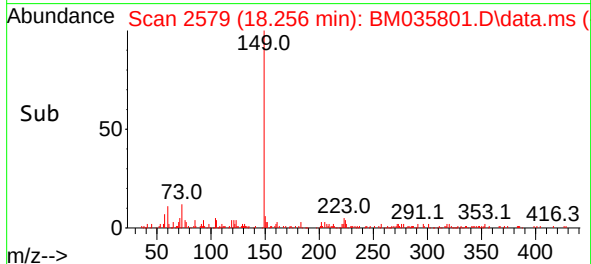
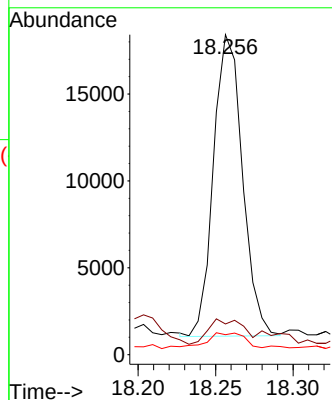
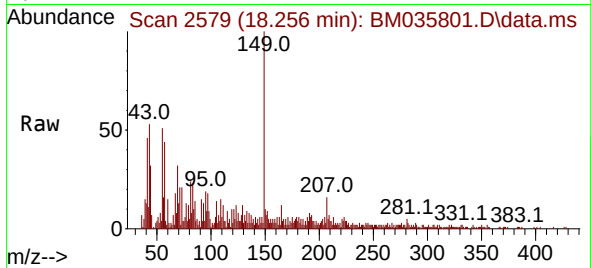
#74
Di-n-butylphthalate
Concen: 2.541 ng
RT: 18.256 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Instrument :
BNA_M
ClientSampleId :
ETGI-346

Tgt Ion:149 Resp: 22550
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 6.2 4.3 6.5

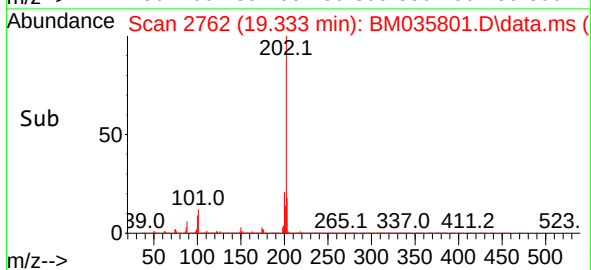
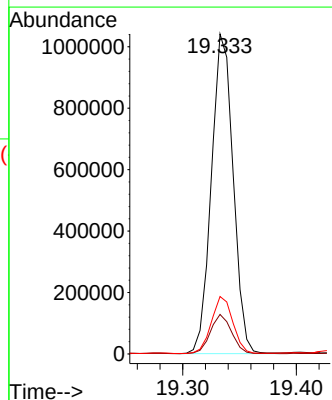
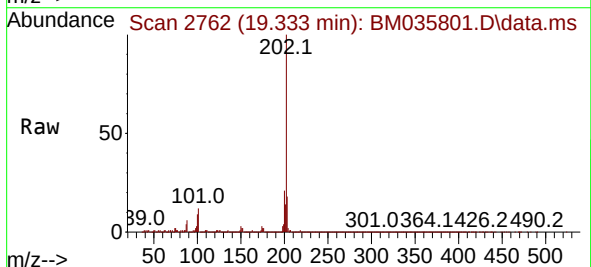
Manual Integrations
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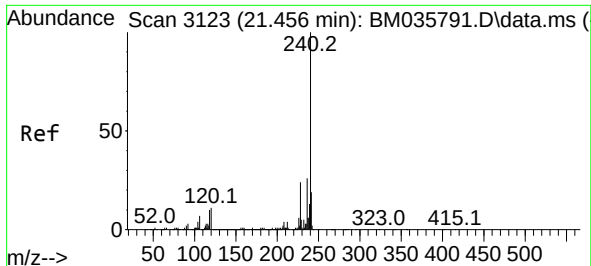
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#75
Fluoranthene
Concen: 16.572 ng
RT: 19.333 min Scan# 2762
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Tgt Ion:202 Resp: 1385627
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.6
203 18.0 0.0 37.4





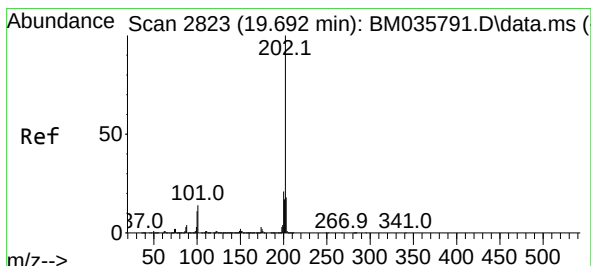
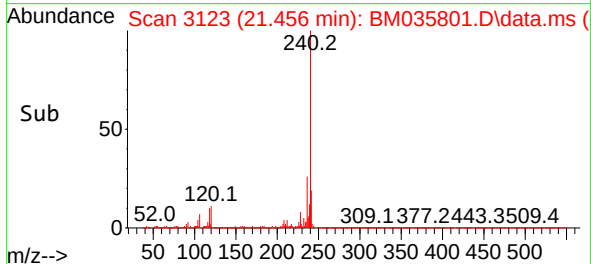
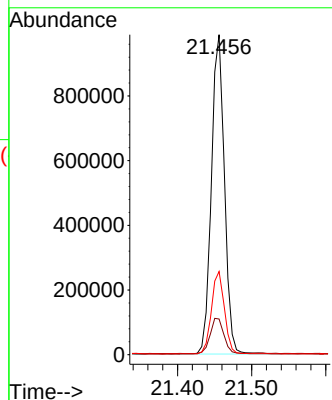
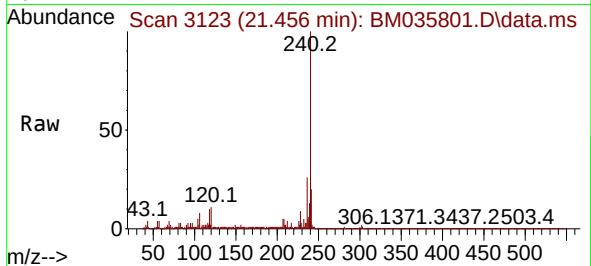
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Instrument :
BNA_M
ClientSampleId :
ETGI-346

Tgt Ion:240 Resp: 1205964
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 26.0 20.6 30.8

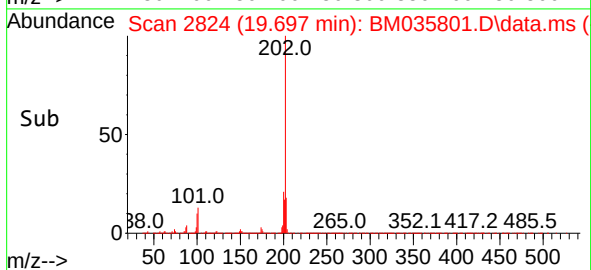
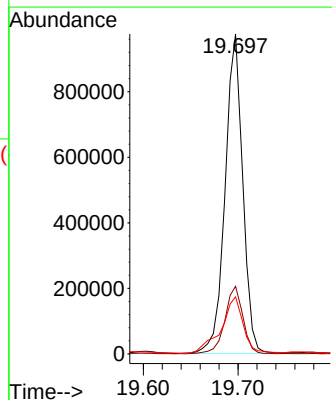
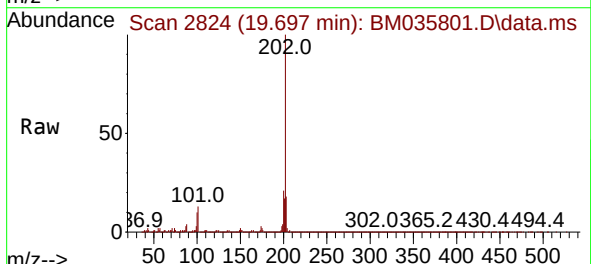
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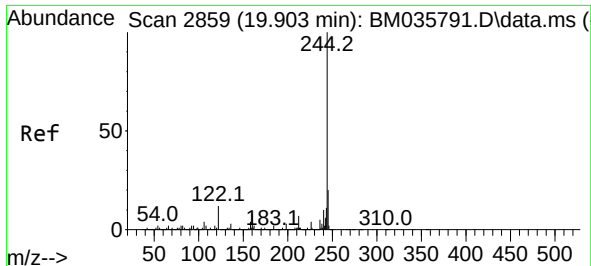
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#78
Pyrene
Concen: 16.641 ng
RT: 19.697 min Scan# 2824
Delta R.T. 0.005 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

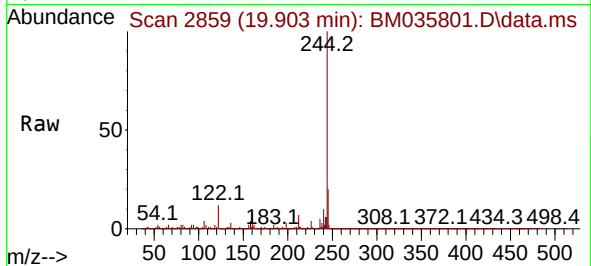
Tgt Ion:202 Resp: 1260286
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.9 13.9 20.9





#79
Terphenyl-d14
Concen: 68.074 ng
RT: 19.903 min Scan# 2859
Delta R.T. 0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

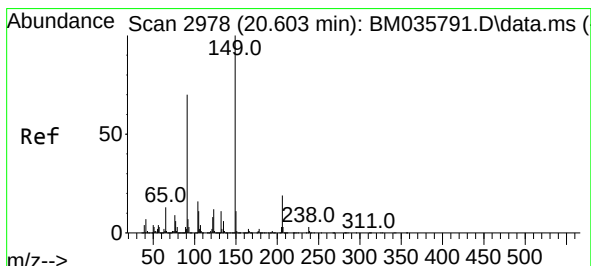
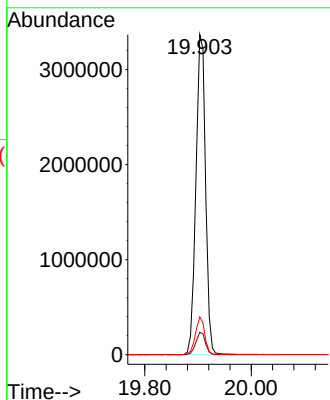
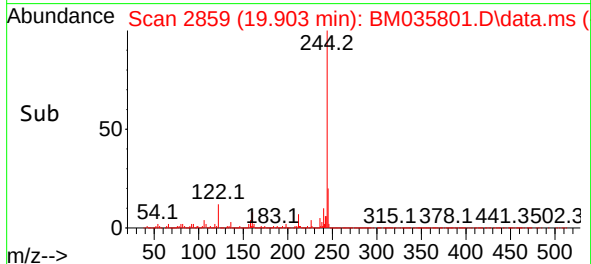
Instrument :
BNA_M
ClientSampleId :
ETGI-346



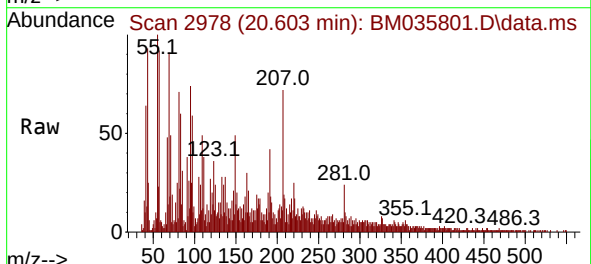
Tgt Ion:244 Resp: 4229120
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 11.8 8.3 12.5

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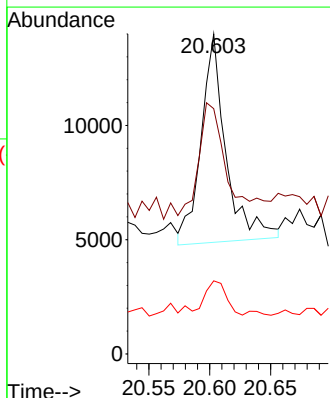
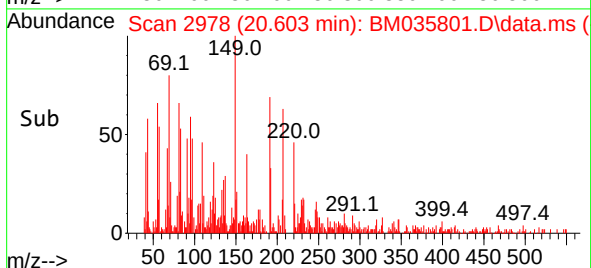
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022

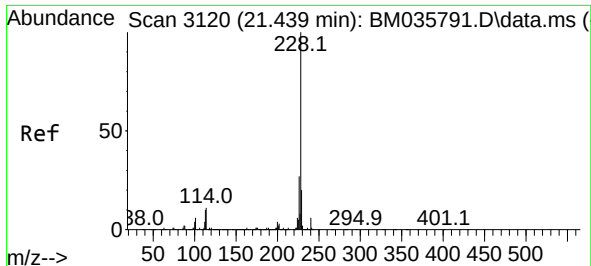


#80
Butylbenzylphthalate
Concen: 4.602 ng
RT: 20.603 min Scan# 2978
Delta R.T. 0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25



Tgt Ion:149 Resp: 12955
Ion Ratio Lower Upper
149 100
91 76.7 56.6 85.0
206 22.9 15.4 23.0





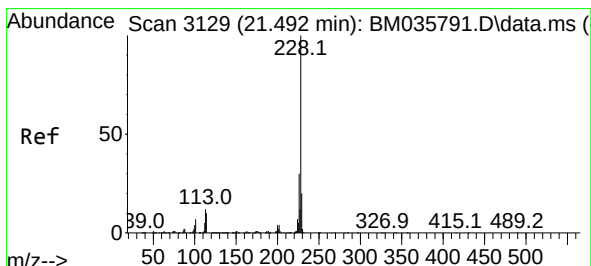
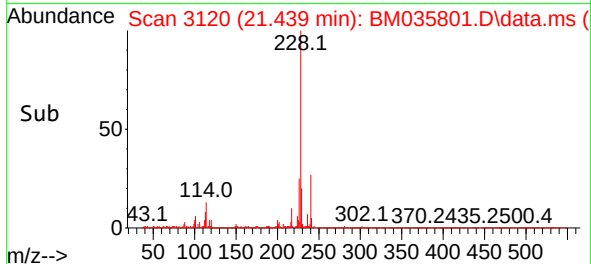
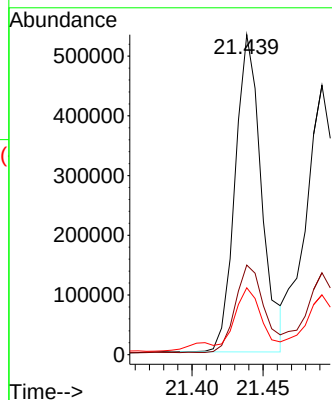
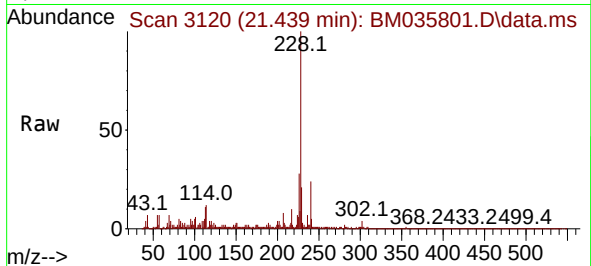
#81
Benzo(a)anthracene
Concen: 9.082 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Instrument :
BNA_M
ClientSampleId :
ETGI-346

Tgt Ion:228 Resp: 687080
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.9 15.8 23.6

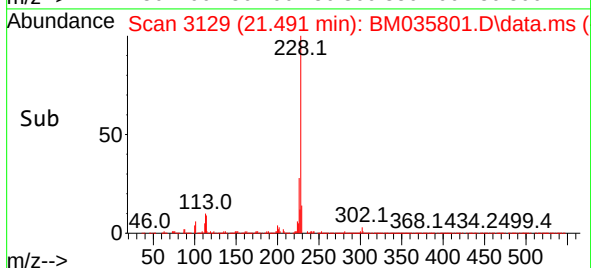
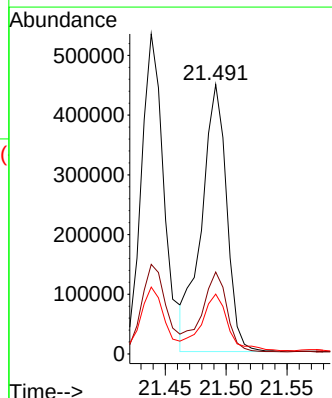
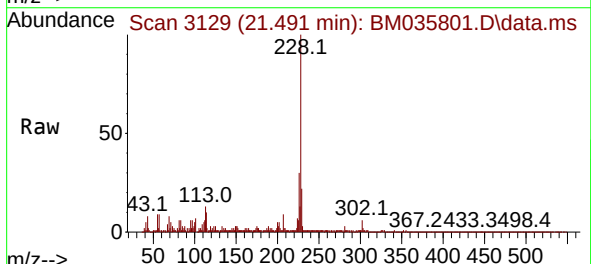
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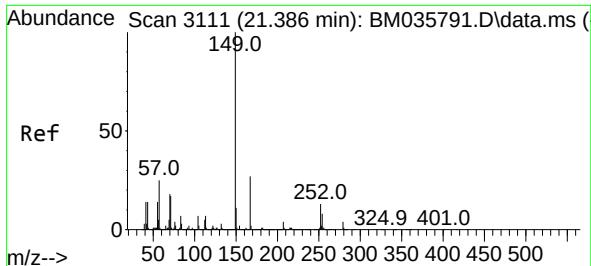
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#83
Chrysene
Concen: 8.825 ng
RT: 21.491 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Tgt Ion:228 Resp: 644581
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 22.2 15.8 23.8





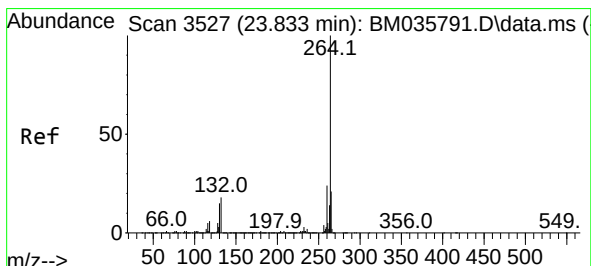
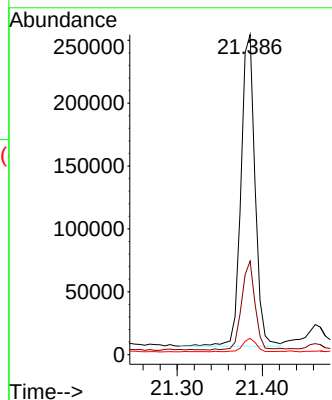
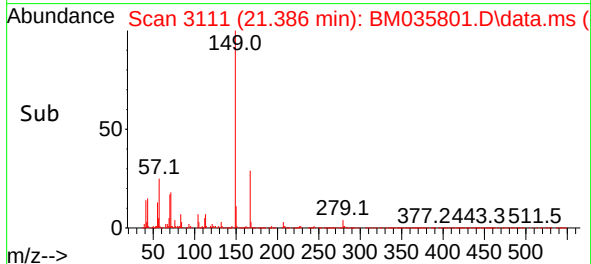
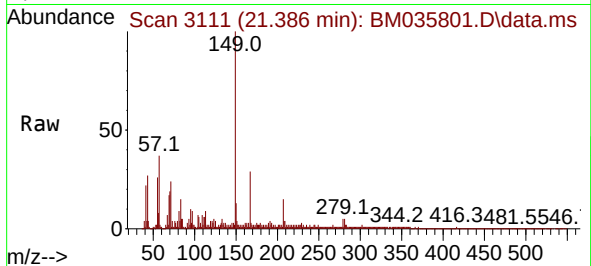
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.816 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Instrument :
BNA_M
ClientSampleId :
ETGI-346

Tgt Ion:149 Resp: 285019
Ion Ratio Lower Upper
149 100
167 29.2 21.1 31.7
279 5.1 2.8 4.2

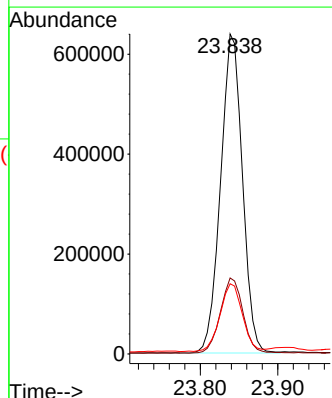
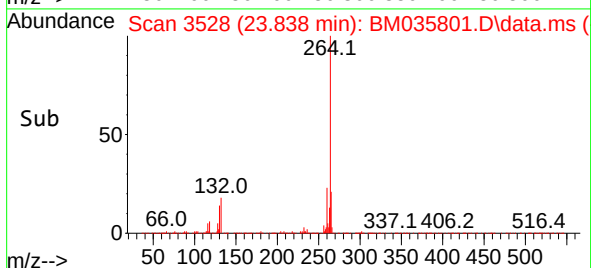
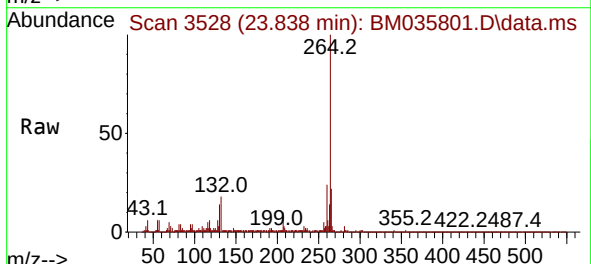
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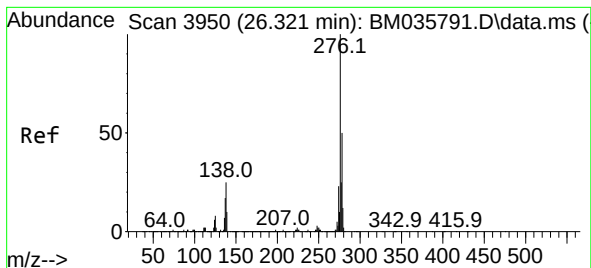
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.838 min Scan# 3528
Delta R.T. 0.005 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Tgt Ion:264 Resp: 1250902
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.561 ng

RT: 26.321 min Scan# 3405

Delta R.T. -0.000 min

Lab File: BM035801.D

Acq: 13 Jul 2022 19:25

Instrument :

BNA_M

ClientSampleId :

ETGI-346

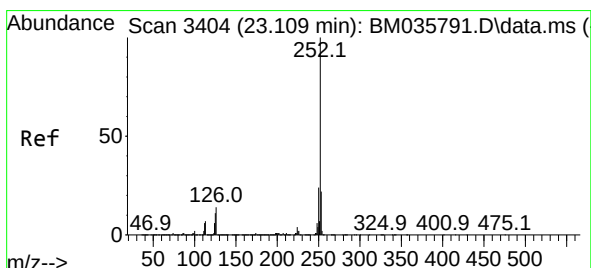
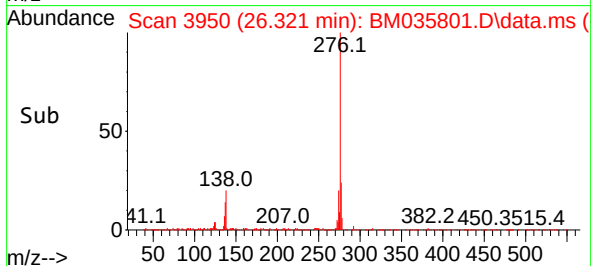
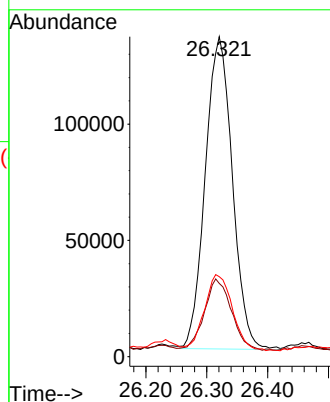
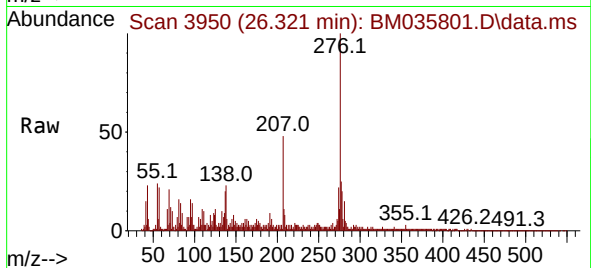
Tgt Ion:	276	Resp:	415450
Ion Ratio	Lower	Upper	
276	100		
138	22.9	20.2	30.4
277	25.1	20.2	30.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/14/2022

Supervised By :Jagrut Upadhyay 07/14/2022



#88

Benzo(b)fluoranthene

Concen: 11.136 ng

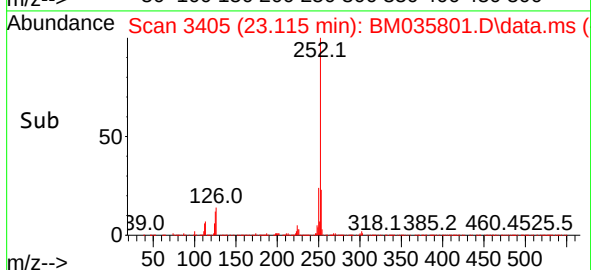
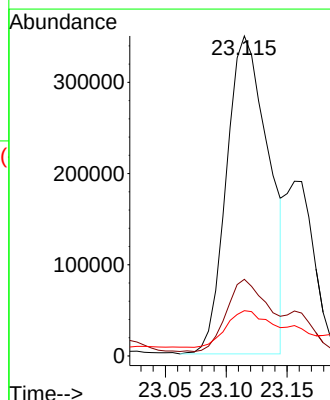
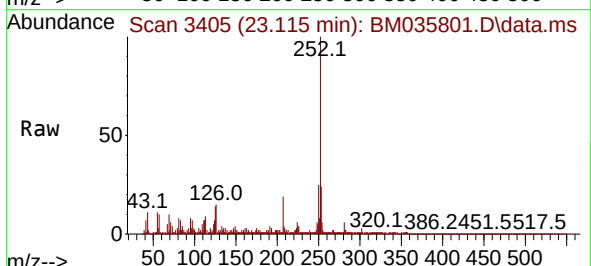
RT: 23.115 min Scan# 3405

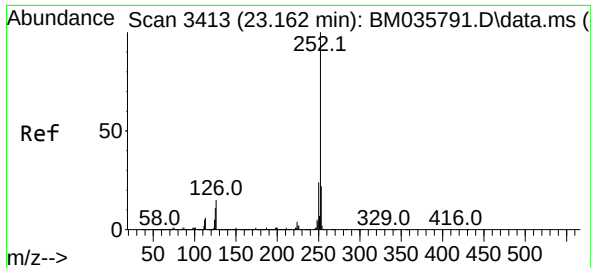
Delta R.T. 0.006 min

Lab File: BM035801.D

Acq: 13 Jul 2022 19:25

Tgt Ion:	252	Resp:	841377
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.6	26.4
125	14.1	7.6	11.4





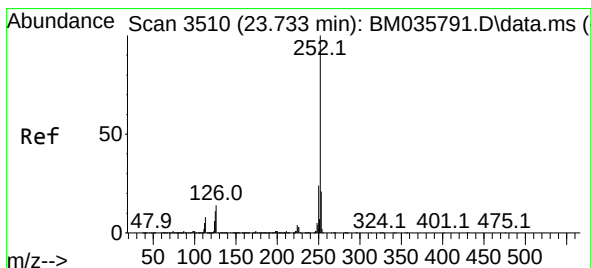
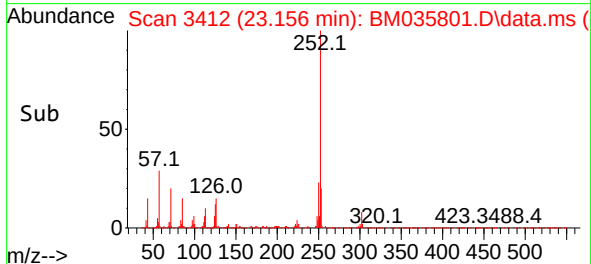
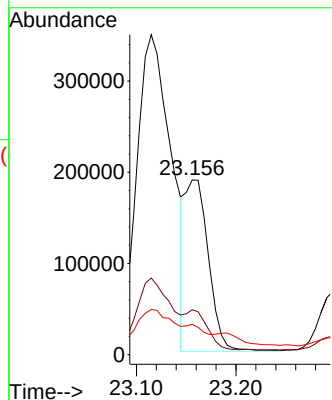
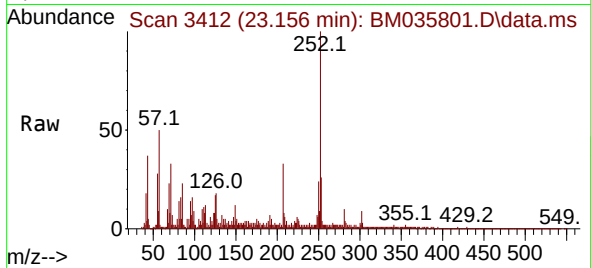
#89
Benzo(k)fluoranthene
Concen: 3.902 ng m
RT: 23.156 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

Instrument :
BNA_M
ClientSampleId :
ETGI-346

Tgt Ion:252 Resp: 30837
Ion Ratio Lower Upper
252 100
253 25.7 17.5 26.3
125 17.4 7.6 11.4

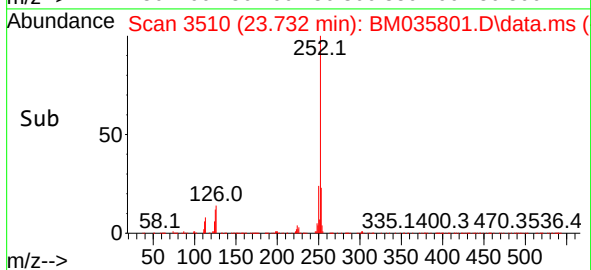
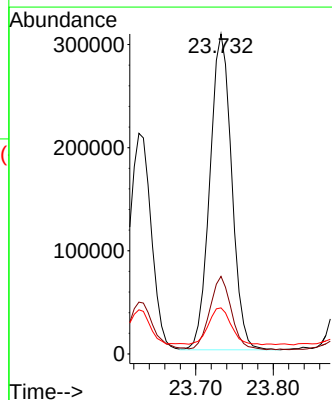
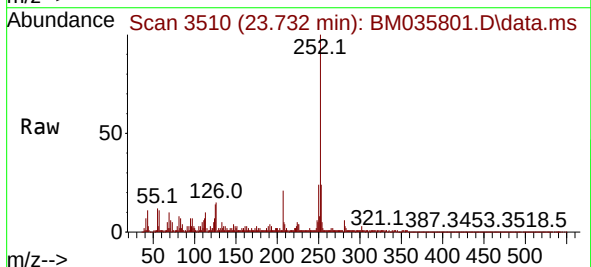
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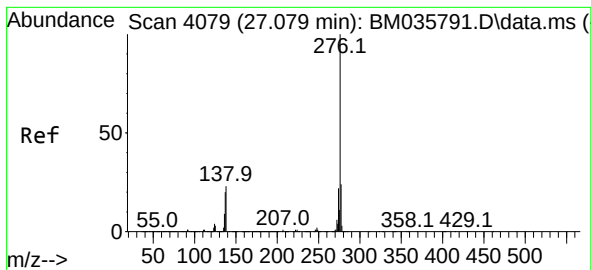
Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022



#90
Benzo(a)pyrene
Concen: 9.465 ng
RT: 23.732 min Scan# 3510
Delta R.T. -0.001 min
Lab File: BM035801.D
Acq: 13 Jul 2022 19:25

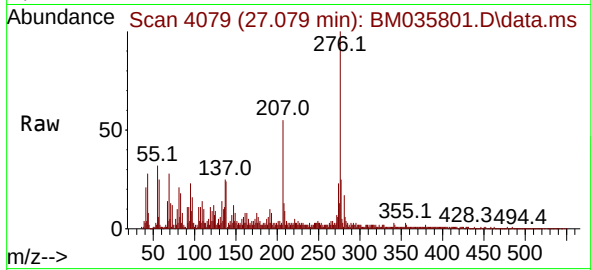
Tgt Ion:252 Resp: 598338
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 14.4 8.7 13.1





#92
 Benzo(g,h,i)perylene
 Concen: 5.519 ng
 RT: 27.079 min Scan# 4079
 Delta R.T. -0.000 min
 Lab File: BM035801.D
 Acq: 13 Jul 2022 19:25

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-346



Tgt Ion: 276 Resp: 411529
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.7 28.1
 138 24.2 17.6 26.4

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 Supervised By : Jagrut Upadhyay 07/14/2022

