

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037441.D
 Acq On : 09 Nov 2022 17:40
 Operator : CG/JU
 Sample : N5436-10 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-10

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/10/2022
 Supervised By : mohammad ahmed 11/10/2022

Quant Time: Nov 10 05:49:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 09 02:08:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	296870	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1138896	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	709002	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1498165	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1488160	20.000	ng	0.00
86) Perylene-d12	23.721	264	1567780	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	210023	12.222	ng	0.00
7) Phenol-d6	7.004	99	249897	10.715	ng	0.00
23) Nitrobenzene-d5	8.992	82	152264	6.745	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	113190	13.547	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	369038	6.916	ng	0.00
79) Terphenyl-d14	19.827	244	600547	7.237	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.810	122	49798	3.275	ng	99
31) Naphthalene	10.669	128	136216	2.111	ng	100
71) Phenanthrene	17.245	178	388250	4.177	ng	100
75) Fluoranthene	19.262	202	768591	7.823	ng	98
78) Pyrene	19.621	202	1054982	9.219	ng	# 93
81) Benzo(a)anthracene	21.368	228	337386	3.184	ng	94
83) Chrysene	21.415	228	406501	3.982	ng	97
88) Benzo(b)fluoranthene	23.009	252	360303m	3.310	ng	
90) Benzo(a)pyrene	23.615	252	278960	3.146	ng	# 93

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

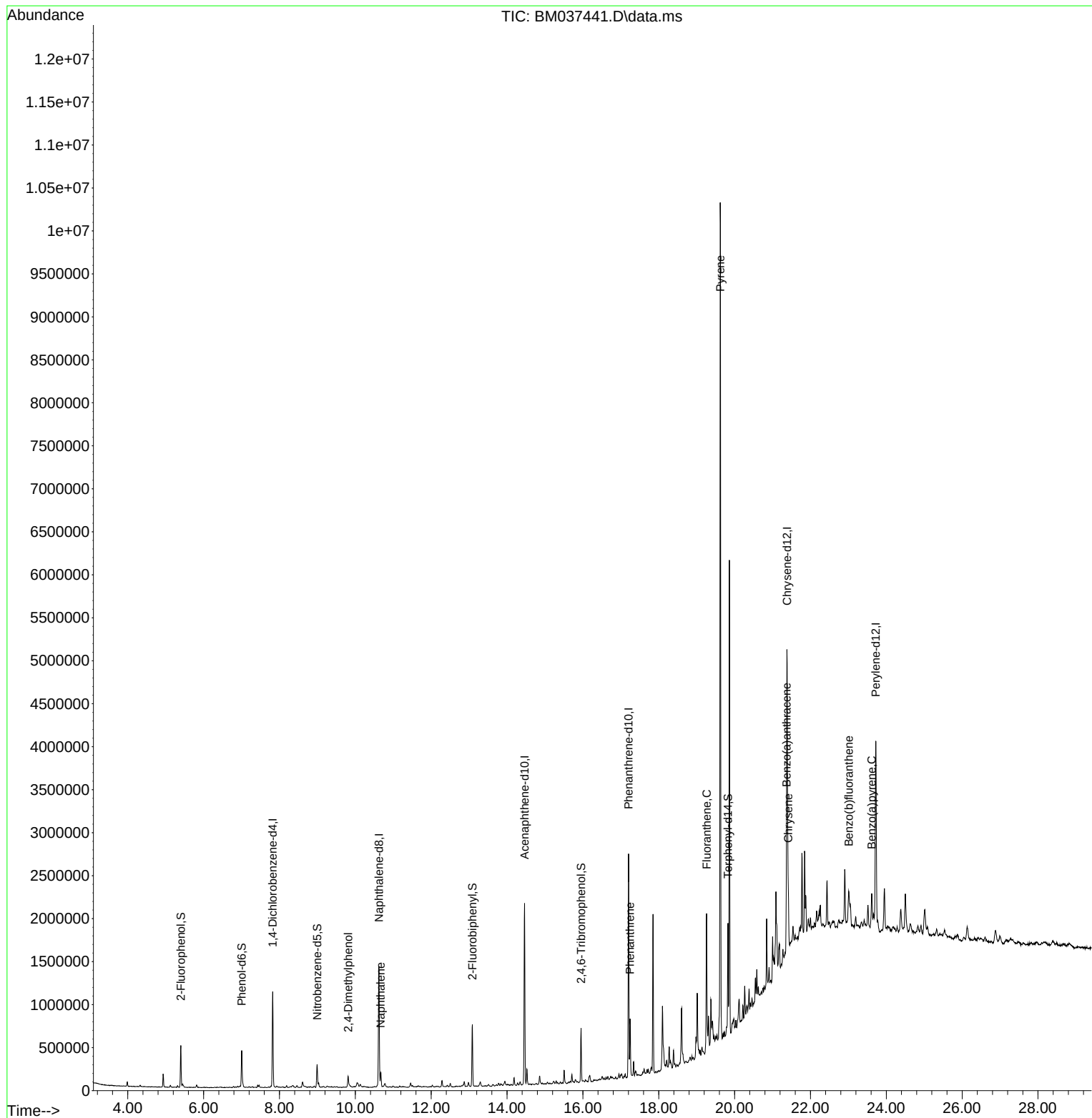
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037441.D
Acq On : 09 Nov 2022 17:40
Operator : CG/JU
Sample : N5436-10 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

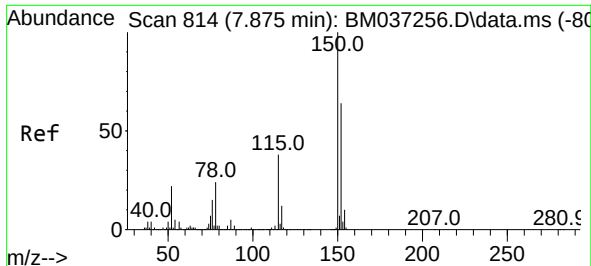
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

Quant Time: Nov 10 05:49:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Manual Integrations
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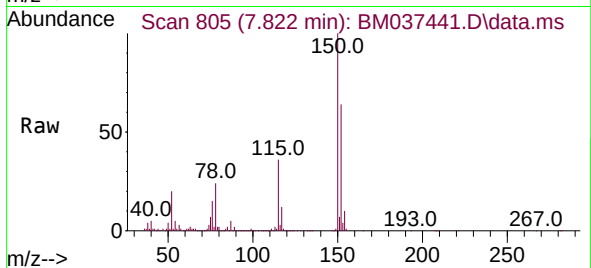
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

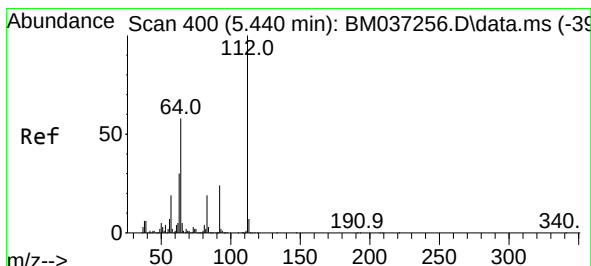
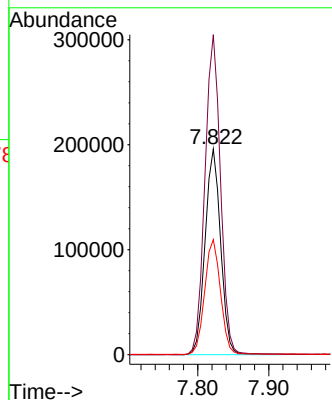
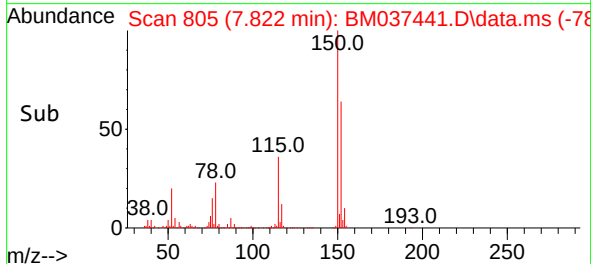
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion:152 Resp: 296876
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 55.9 47.0 70.4

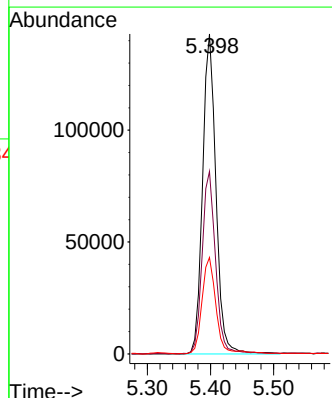
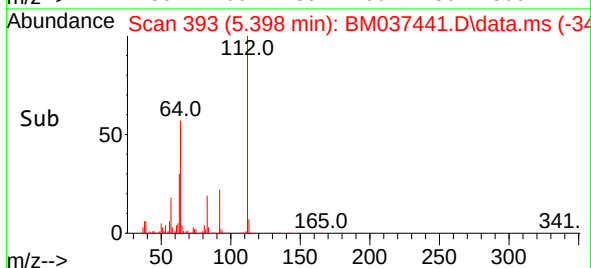
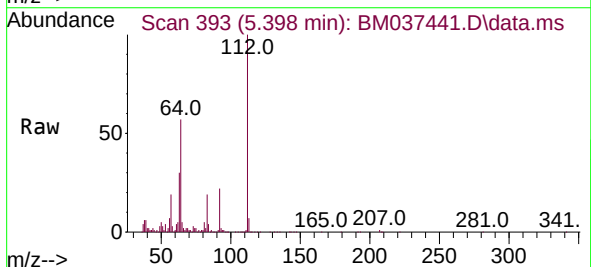
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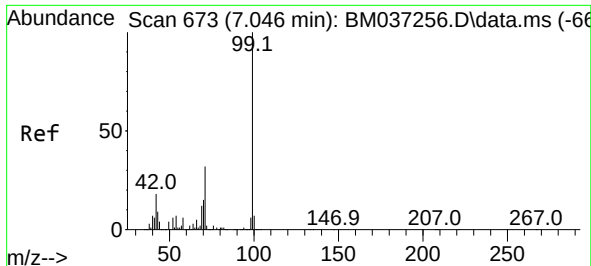
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#5
2-Fluorophenol
Concen: 12.222 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:112 Resp: 210023
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 30.2 24.4 36.6





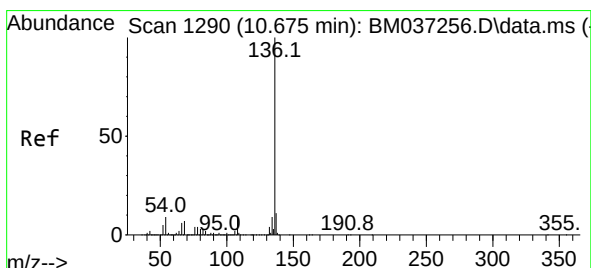
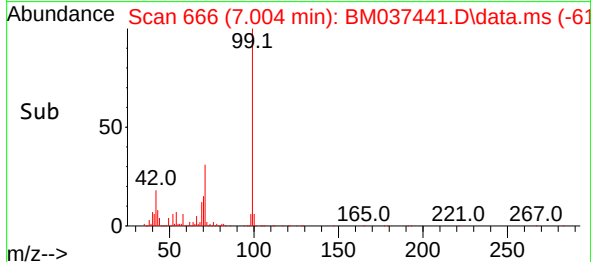
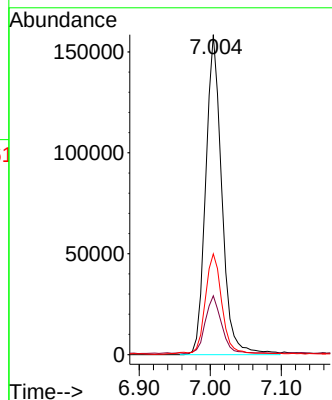
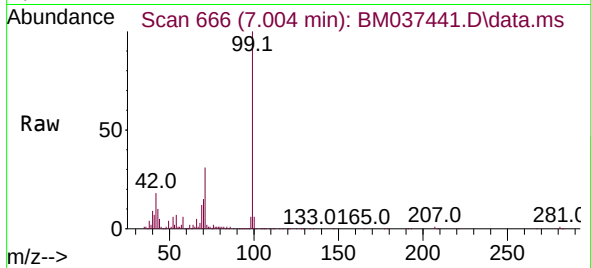
#7
Phenol-d6
Concen: 10.715 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

Tgt Ion: 99 Resp: 249897
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 31.5 25.6 38.4

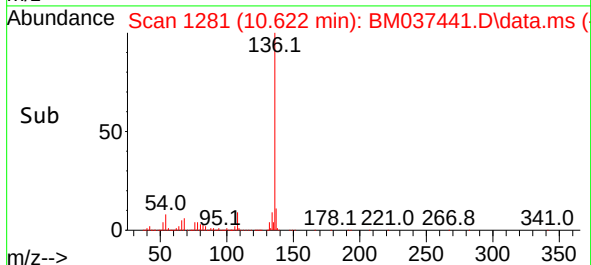
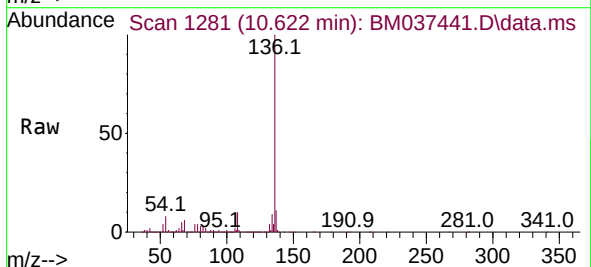
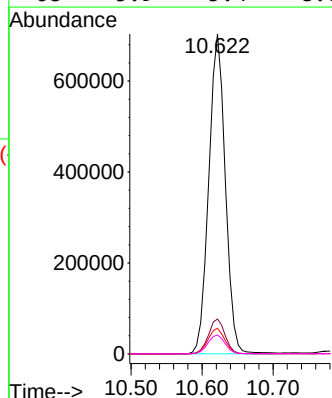
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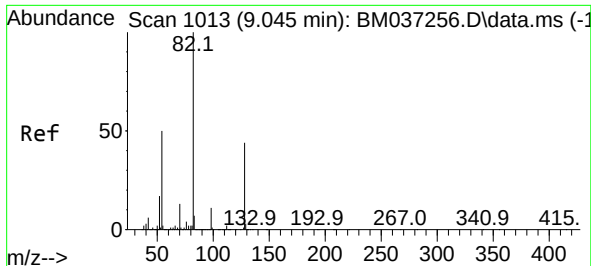
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

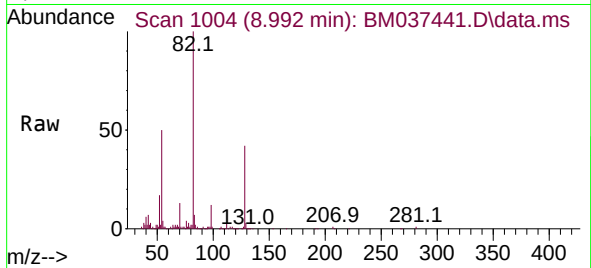
Tgt Ion:136 Resp: 1138896
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 7.0 10.4
68 5.9 5.4 8.0





#23
Nitrobenzene-d5
Concen: 6.745 ng
RT: 8.992 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

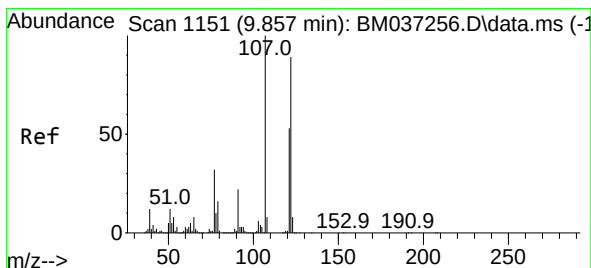
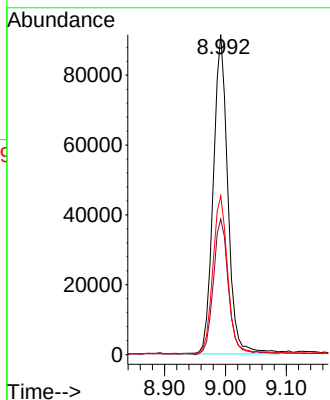
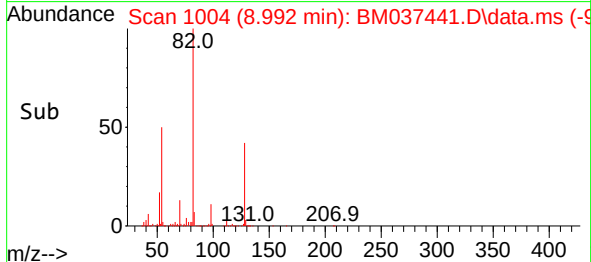
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion: 82 Resp: 152264
Ion Ratio Lower Upper
82 100
128 42.3 35.2 52.8
54 49.6 40.4 60.6

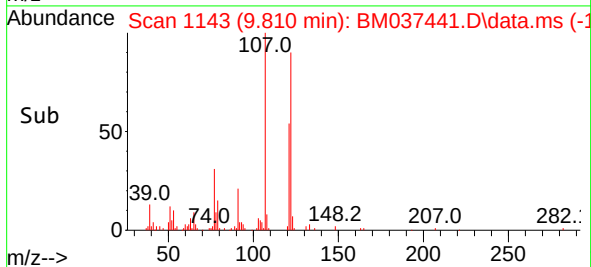
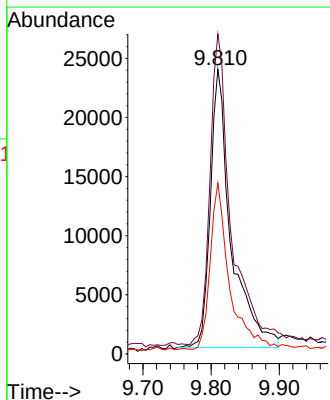
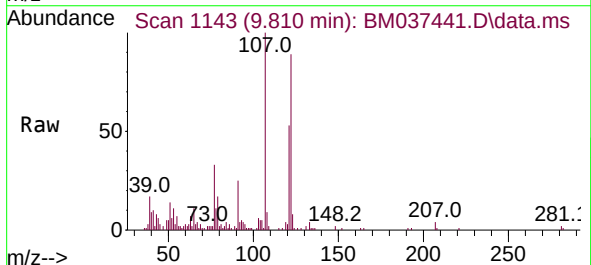
Manual Integrations
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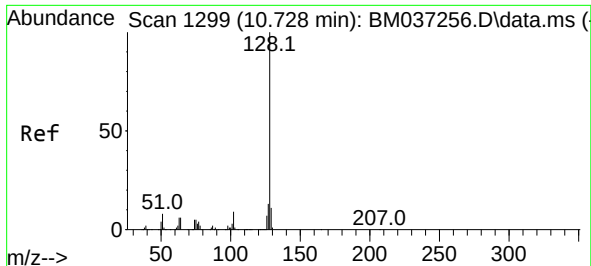
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#27
2,4-Dimethylphenol
Concen: 3.275 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

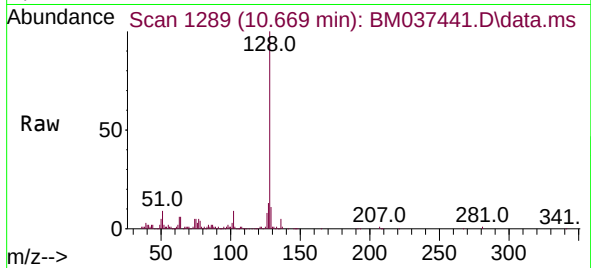
Tgt Ion:122 Resp: 49798
Ion Ratio Lower Upper
122 100
107 112.5 89.7 134.5
121 60.1 47.1 70.7





#31
Naphthalene
Concen: 2.111 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

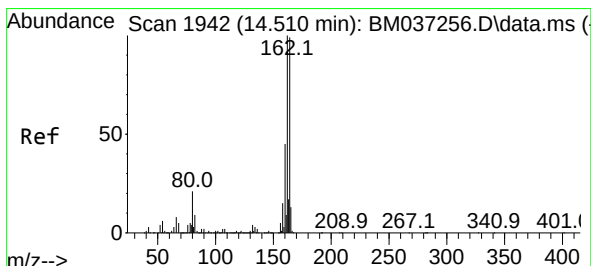
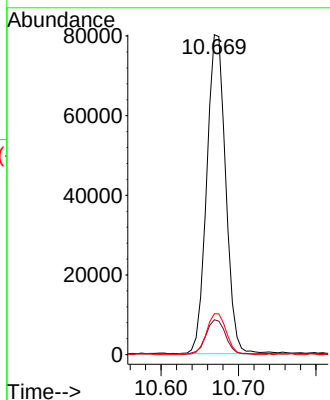
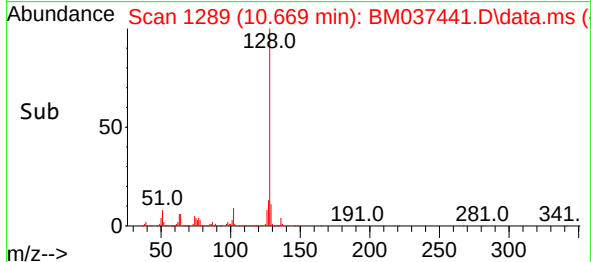
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion:128 Resp: 136216
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.2 15.2

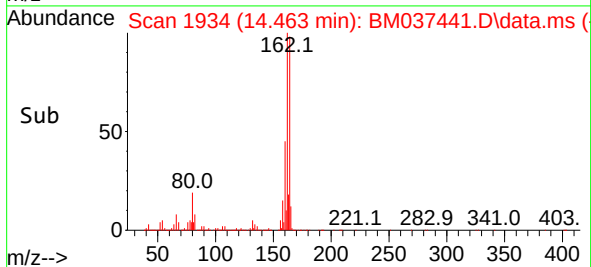
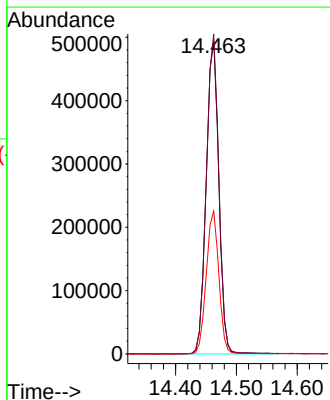
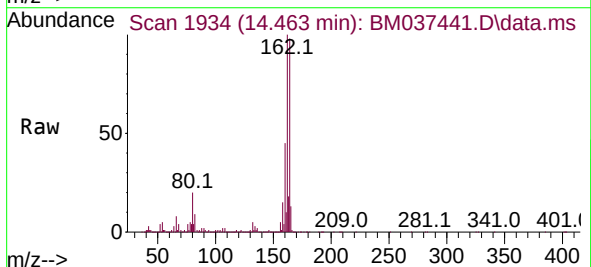
Manual Integrations
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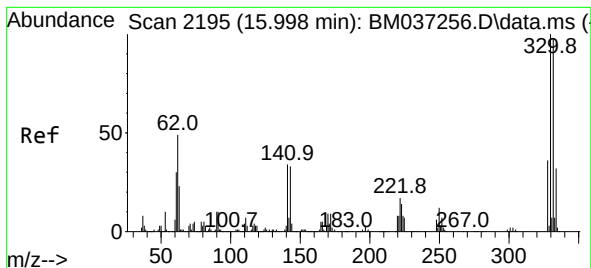
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

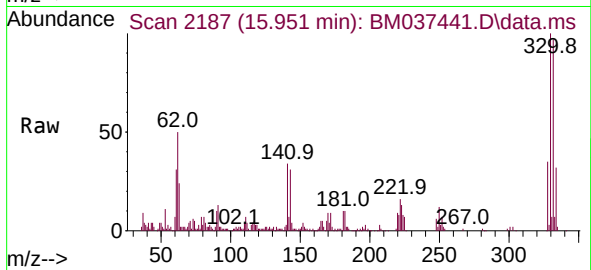
Tgt Ion:164 Resp: 709002
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.7 36.2 54.4





#42
2,4,6-Tribromophenol
Concen: 13.547 ng
RT: 15.951 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

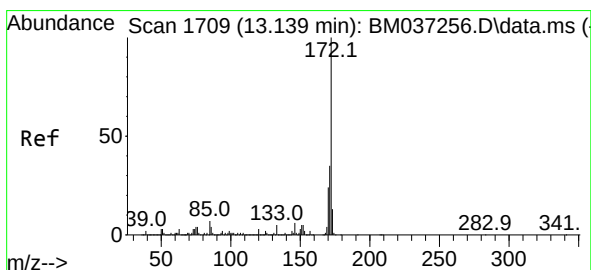
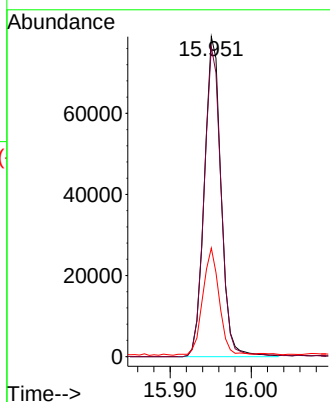
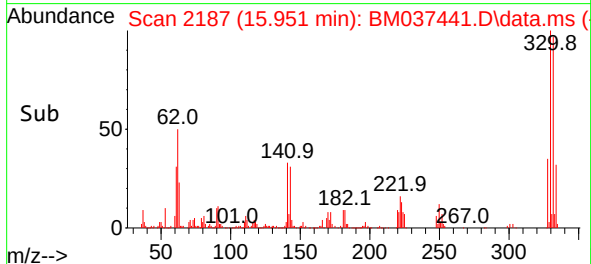
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



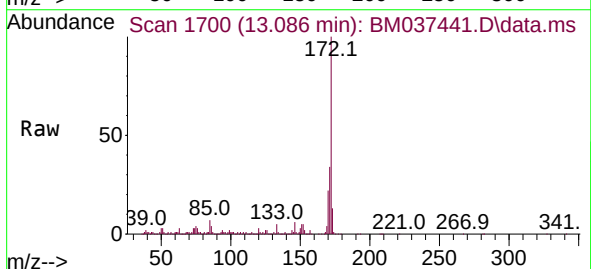
Tgt Ion:330 Resp: 113190
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 33.0 27.5 41.3

Manual Integrations
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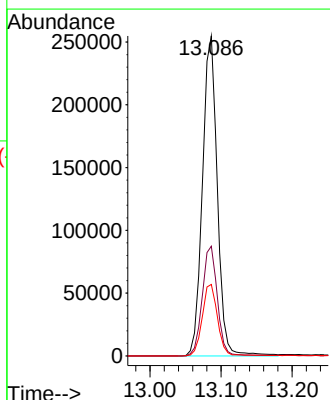
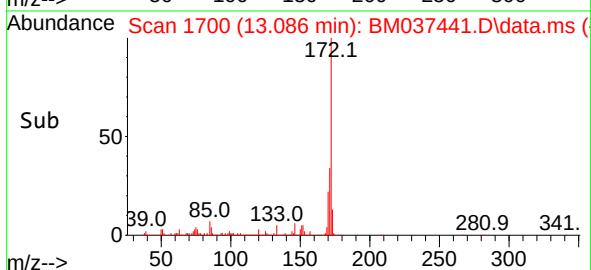
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

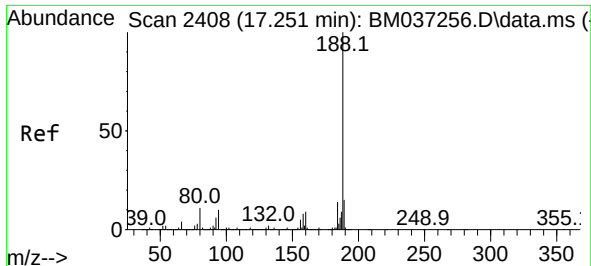


#45
2-Fluorobiphenyl
Concen: 6.916 ng
RT: 13.086 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40



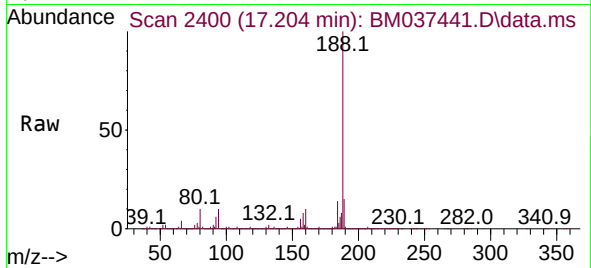
Tgt Ion:172 Resp: 369038
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.3 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

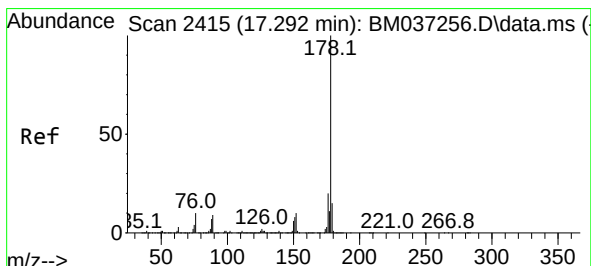
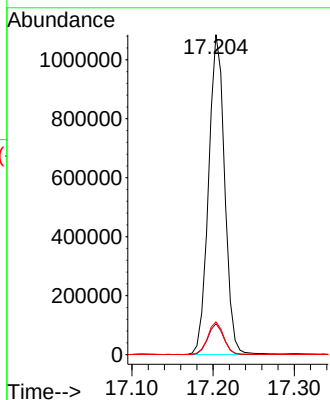
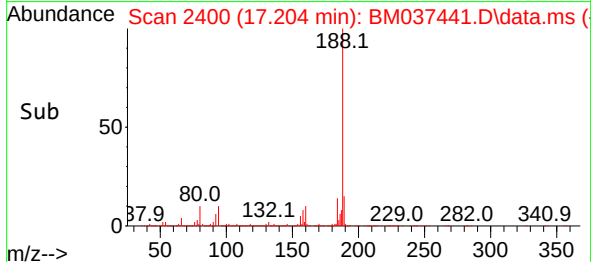
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion:188 Resp: 1498165
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.2 8.5 12.7

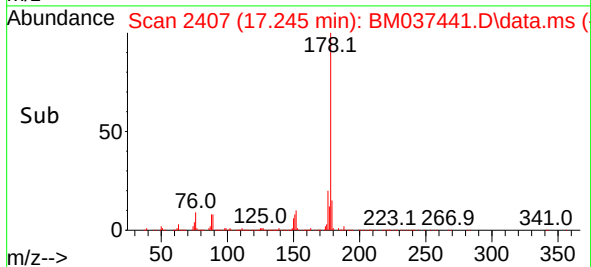
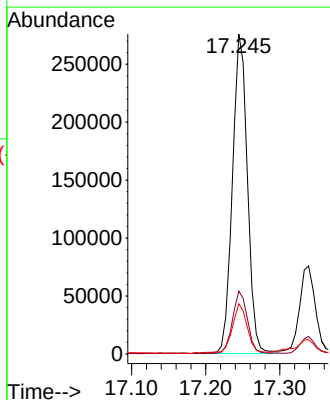
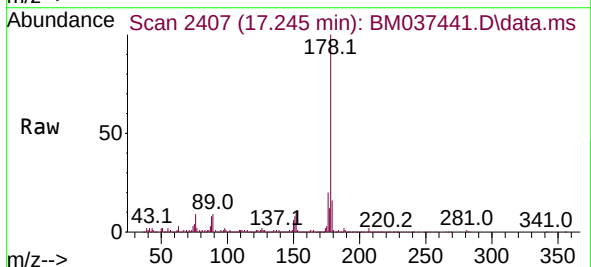
Manual Integrations
APPROVED

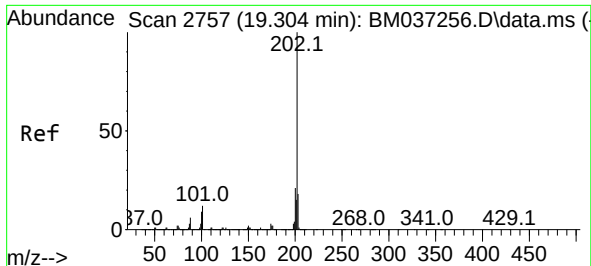
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#71
Phenanthrene
Concen: 4.177 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

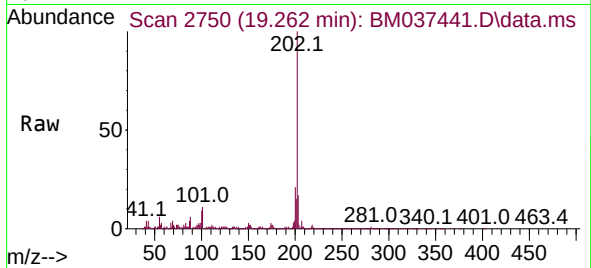
Tgt Ion:178 Resp: 388250
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.4 18.6





#75
Fluoranthene
Concen: 7.823 ng
RT: 19.262 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

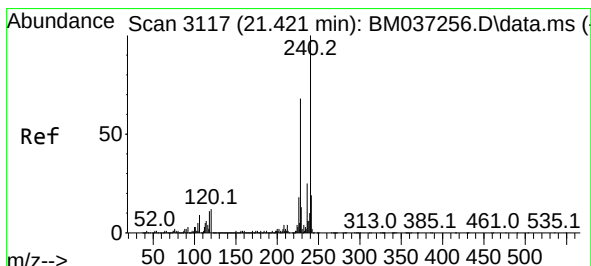
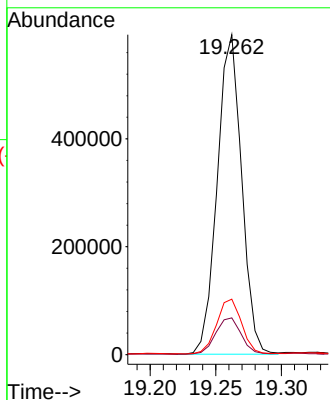
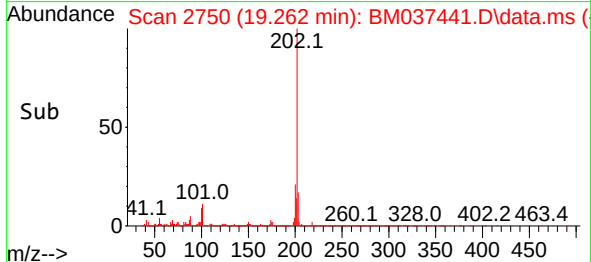
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion:202 Resp: 768591
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.4
203 17.3 0.0 37.8

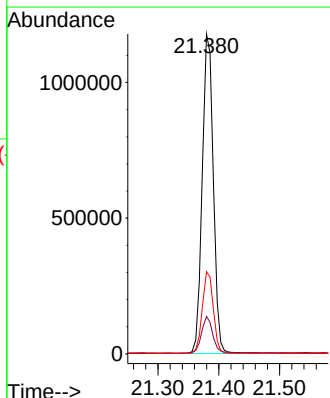
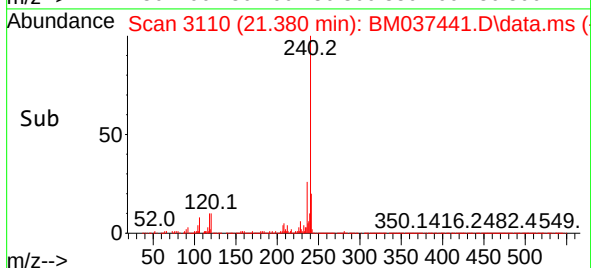
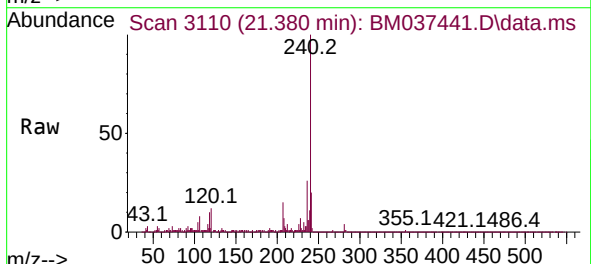
Manual Integrations
APPROVED

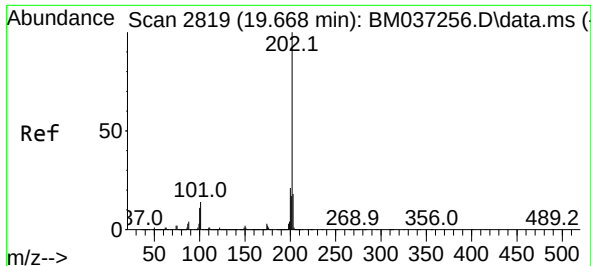
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

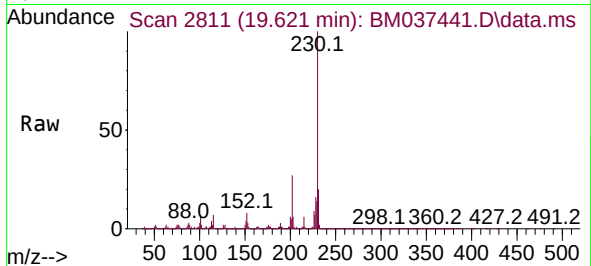
Tgt Ion:240 Resp: 1488160
Ion Ratio Lower Upper
240 100
120 11.7 9.9 14.9
236 25.7 20.3 30.5





#78
Pyrene
Concen: 9.219 ng
RT: 19.621 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

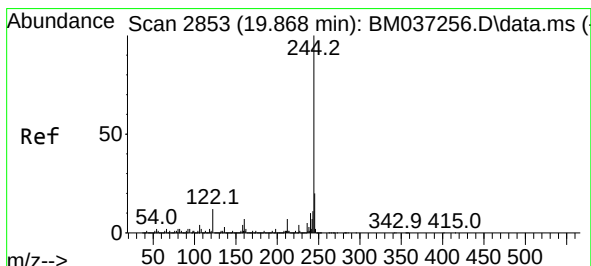
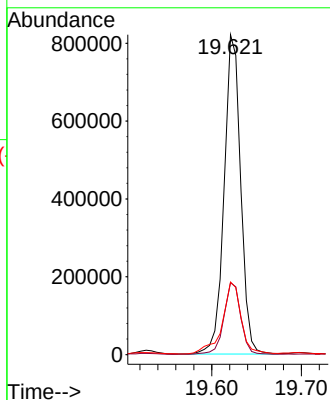
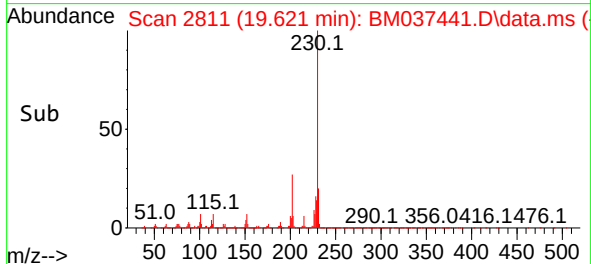
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion:202 Resp: 1054982
Ion Ratio Lower Upper
202 100
200 22.5 17.0 25.6
203 22.7 14.1 21.1

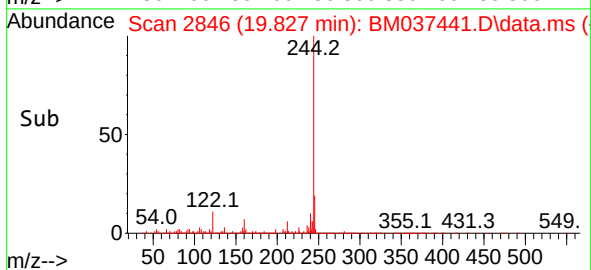
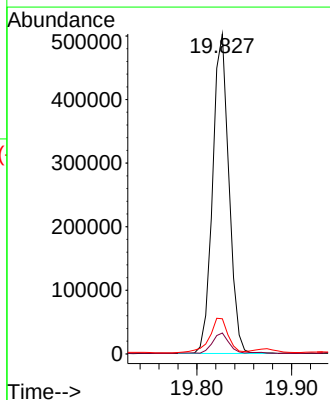
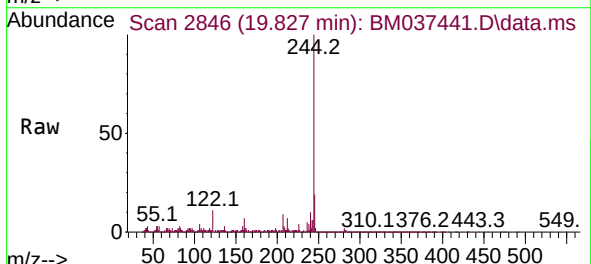
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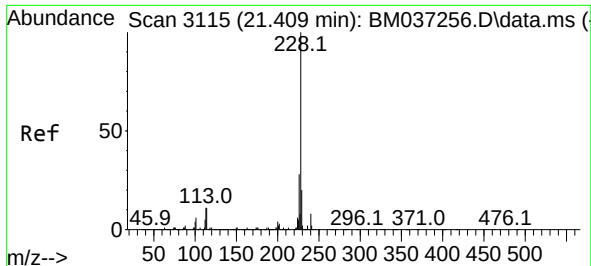
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#79
Terphenyl-d14
Concen: 7.237 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:244 Resp: 600547
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 11.0 9.4 14.2





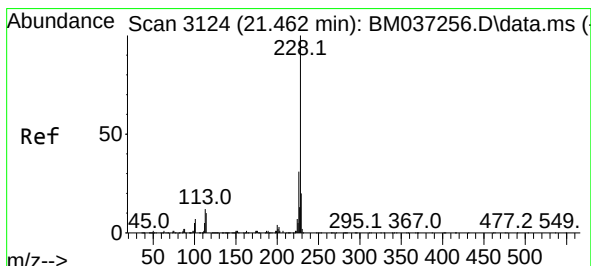
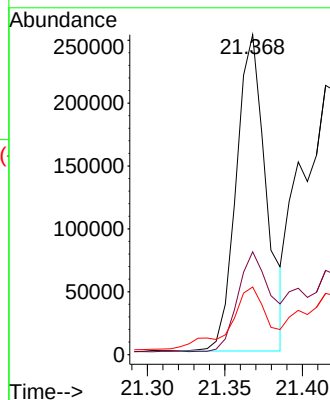
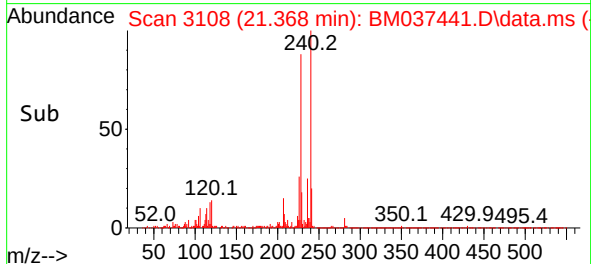
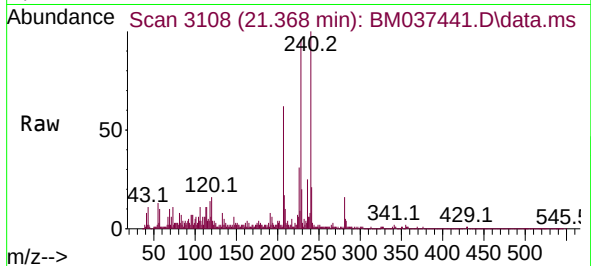
#81
Benzo(a)anthracene
Concen: 3.184 ng
RT: 21.368 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

Tgt Ion:228 Resp: 337386
Ion Ratio Lower Upper
228 100
226 32.1 22.3 33.5
229 21.1 16.2 24.2

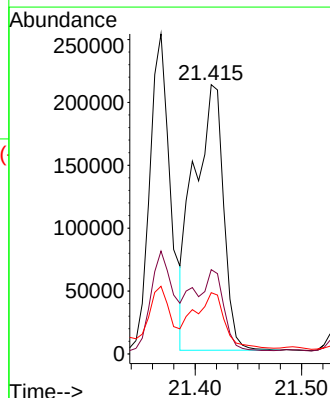
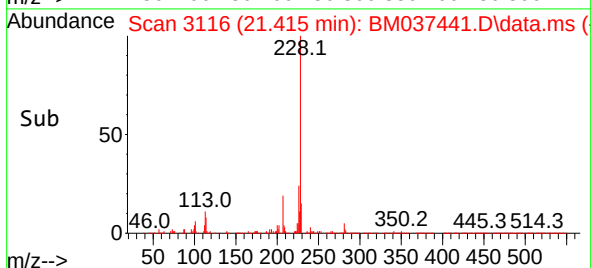
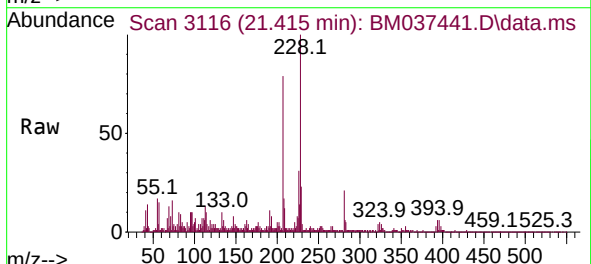
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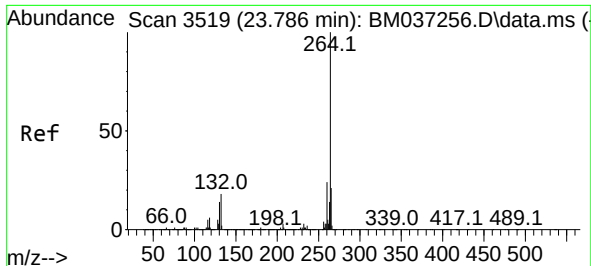
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#83
Chrysene
Concen: 3.982 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Tgt Ion:228 Resp: 406501
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 22.8 16.0 24.0





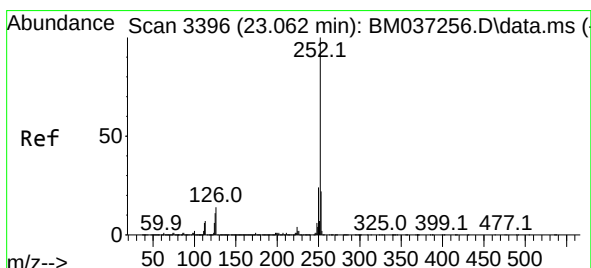
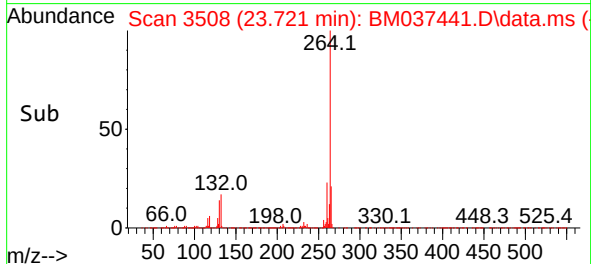
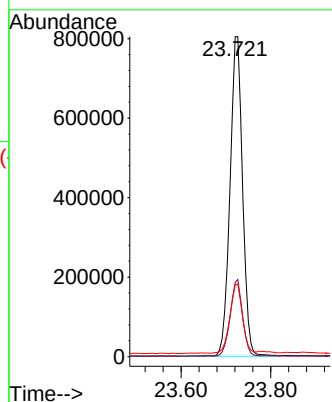
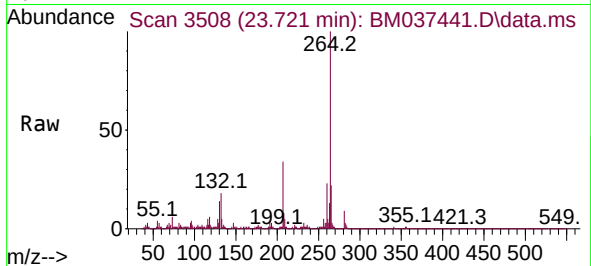
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10

Tgt Ion:264 Resp: 1567780
Ion Ratio Lower Upper
264 100
260 23.2 18.9 28.3
265 22.5 17.7 26.5

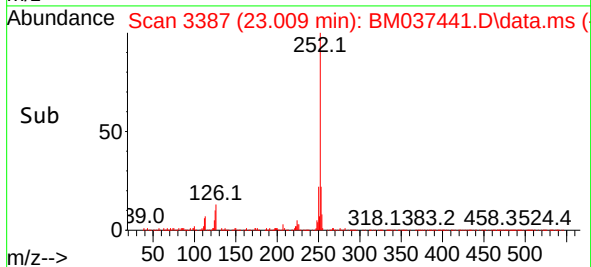
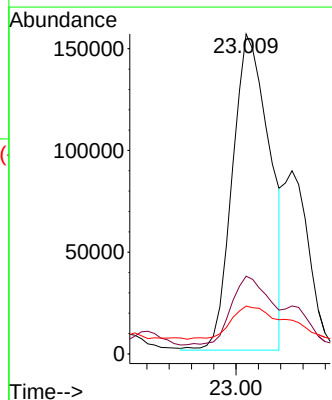
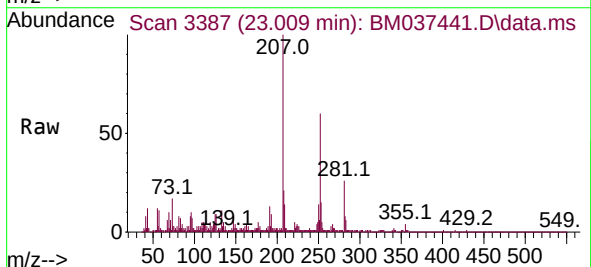
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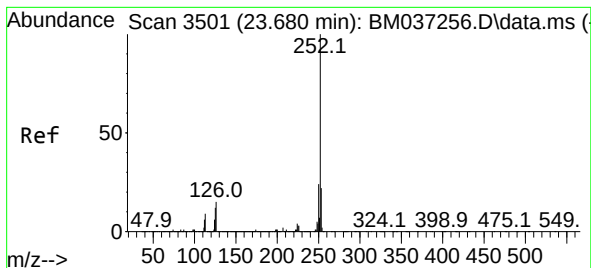
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#88
Benzo(b)fluoranthene
Concen: 3.310 ng m
RT: 23.009 min Scan# 3387
Delta R.T. 0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

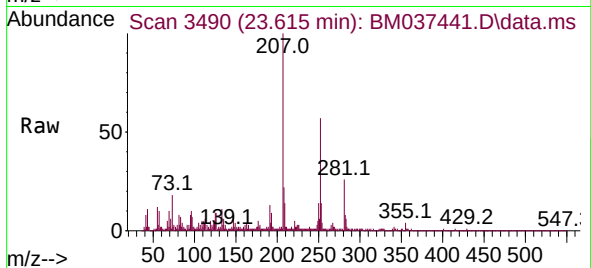
Tgt Ion:252 Resp: 360303
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 14.9 9.1 13.7#





#90
Benzo(a)pyrene
Concen: 3.146 ng
RT: 23.615 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM037441.D
Acq: 09 Nov 2022 17:40

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-10



Tgt Ion:252 Resp: 278960
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 15.8 9.9 14.9

Manual Integrations
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Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

