

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037442.D
 Acq On : 09 Nov 2022 18:16
 Operator : CG/JU
 Sample : N5436-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-05

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 05:49:19 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	295000	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1153257	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	734170	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1546485	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1514829	20.000	ng	0.00
86) Perylene-d12	23.721	264	1587962	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	149314	8.744	ng	0.00
7) Phenol-d6	7.005	99	180774	7.800	ng	0.00
23) Nitrobenzene-d5	8.993	82	109001	4.769	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	83605	9.663	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	272928	4.939	ng	0.00
79) Terphenyl-d14	19.827	244	433502	5.132	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.810	122	57193	3.715	ng	100
31) Naphthalene	10.669	128	151049	2.312	ng	99
71) Phenanthrene	17.245	178	303062	3.159	ng	99
75) Fluoranthene	19.263	202	512093	5.049	ng	99
78) Pyrene	19.621	202	816284	7.008	ng	# 91
83) Chrysene	21.398	228	328568m	3.162	ng	
88) Benzo(b)fluoranthene	23.009	252	288118m	2.613	ng	
90) Benzo(a)pyrene	23.615	252	193767	2.157	ng	# 88

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

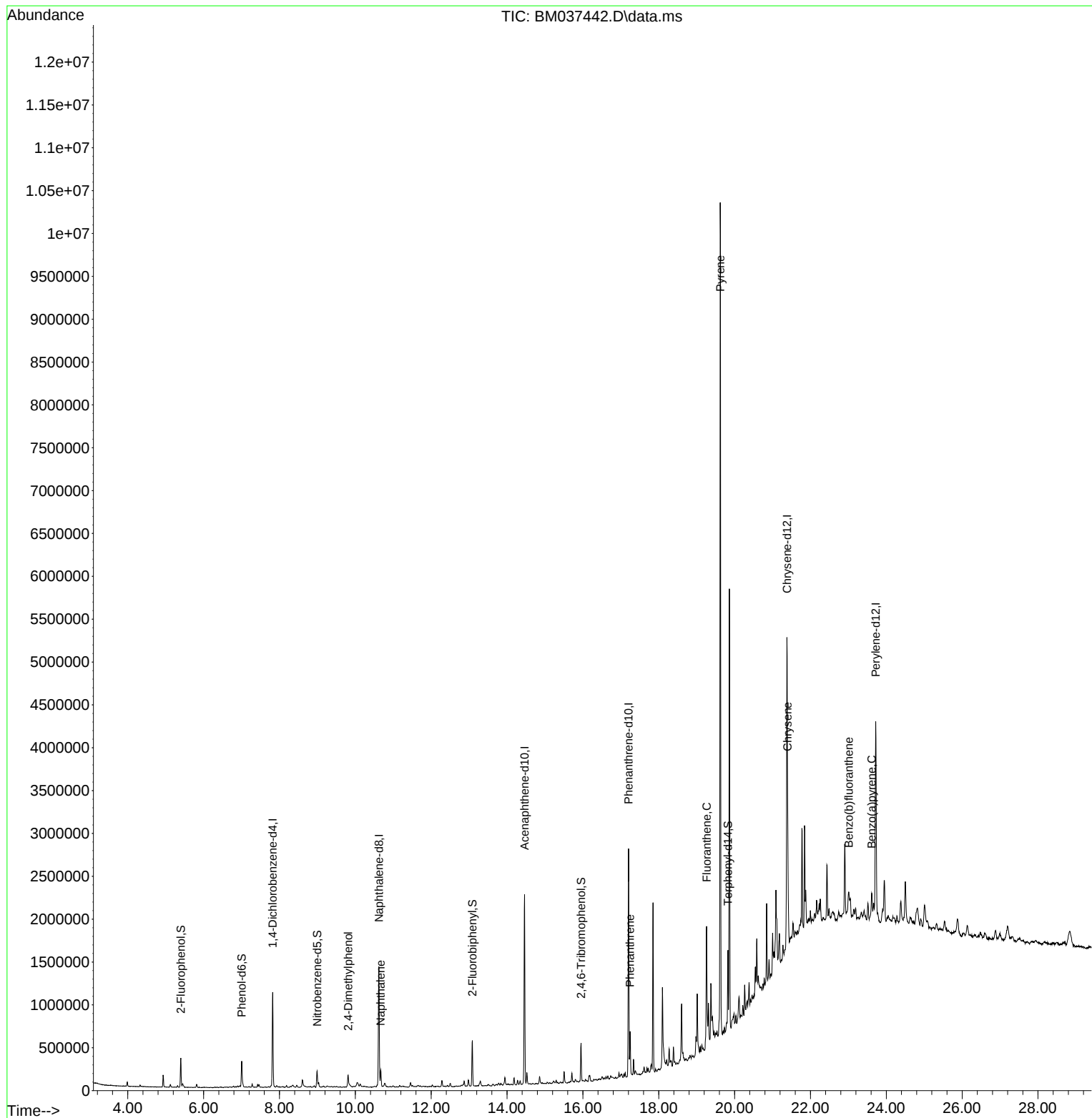
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037442.D
Acq On : 09 Nov 2022 18:16
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Misc :
ALS Vial : 11 Sample Multiplier: 1

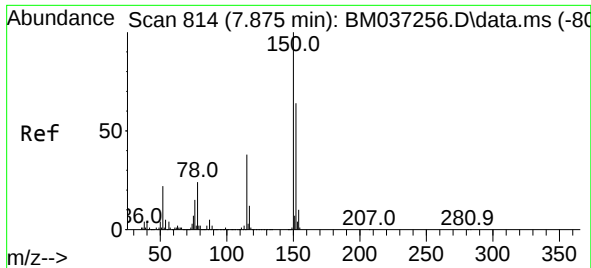
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

Quant Time: Nov 10 05:49:19 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

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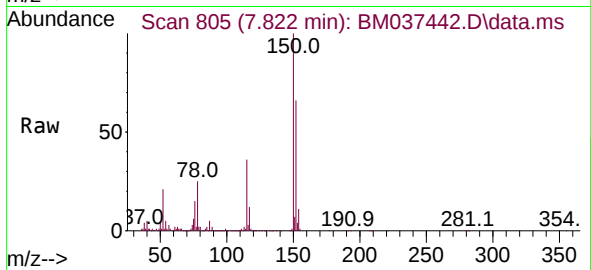
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

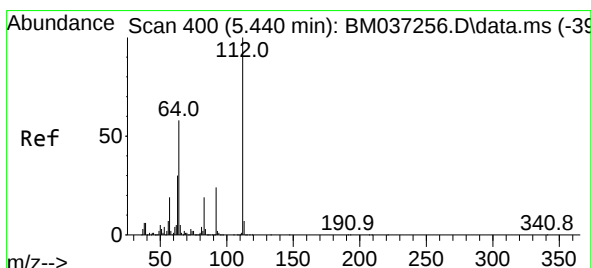
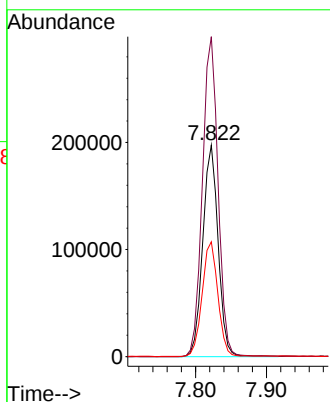
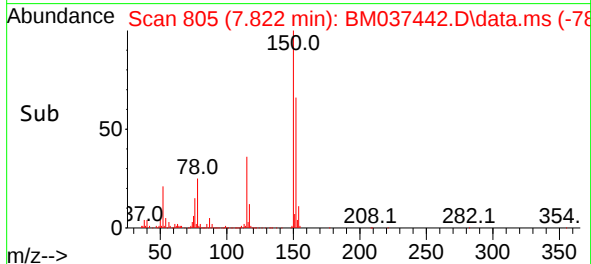
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05



Tgt Ion:152 Resp: 295000
Ion Ratio Lower Upper
152 100
150 151.4 124.8 187.2
115 54.3 47.0 70.4

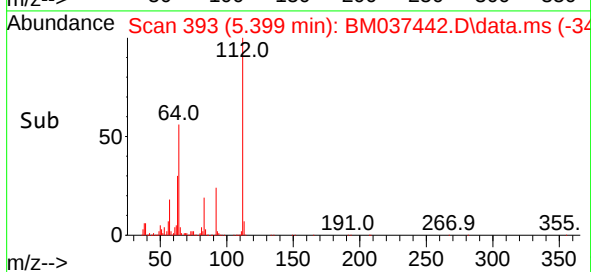
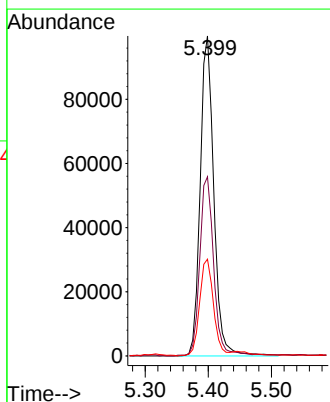
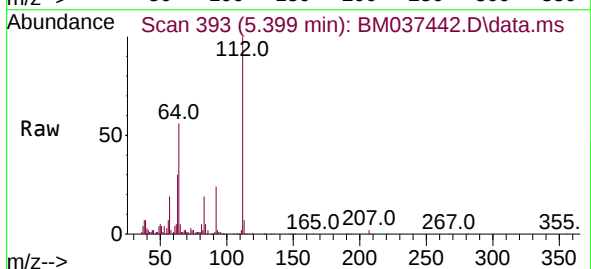
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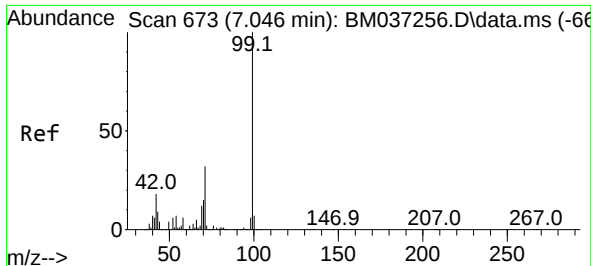
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#5
2-Fluorophenol
Concen: 8.744 ng
RT: 5.399 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:112 Resp: 149314
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 30.2 24.4 36.6





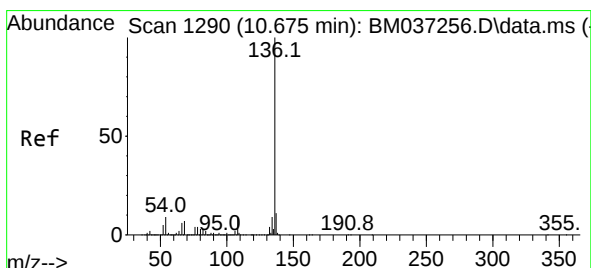
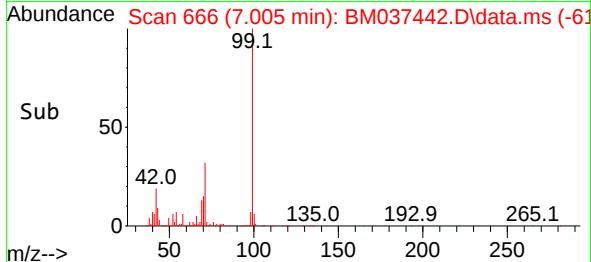
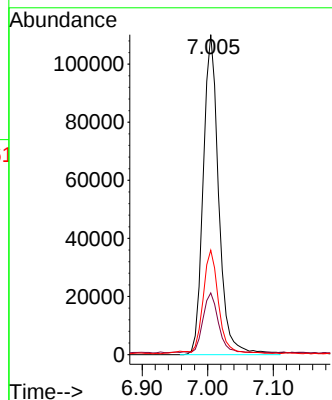
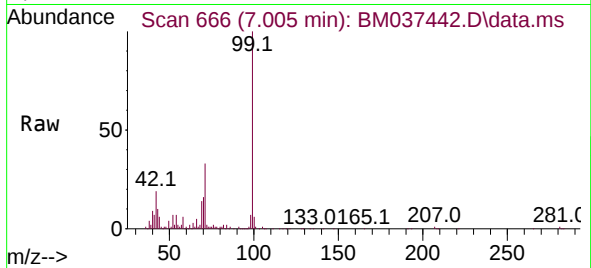
#7
Phenol-d6
Concen: 7.800 ng
RT: 7.005 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

Tgt Ion: 99 Resp: 180774
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 32.6 25.6 38.4

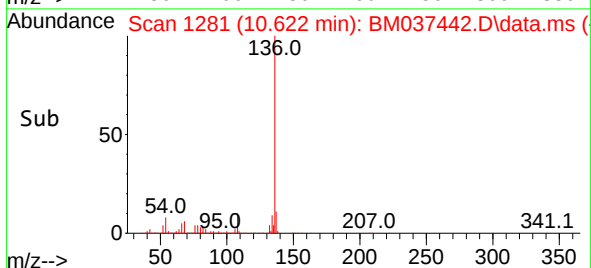
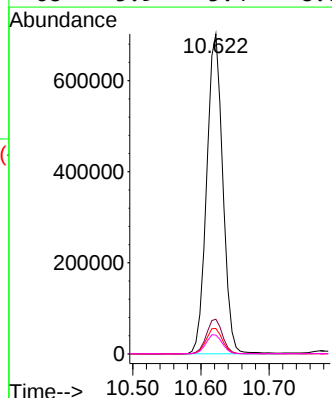
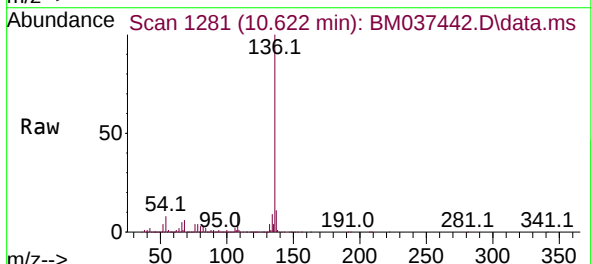
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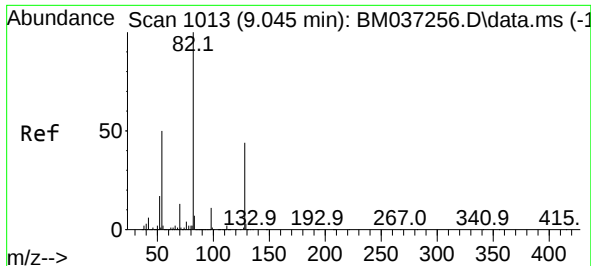
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

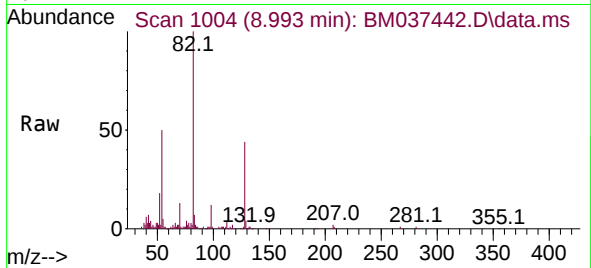
Tgt Ion:136 Resp: 1153257
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.9 7.0 10.4
68 5.9 5.4 8.0





#23
Nitrobenzene-d5
Concen: 4.769 ng
RT: 8.993 min Scan# 10900
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

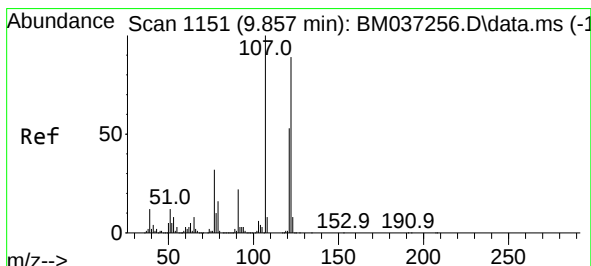
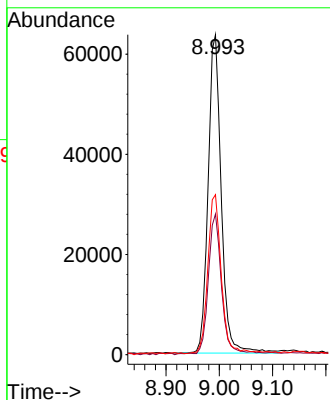
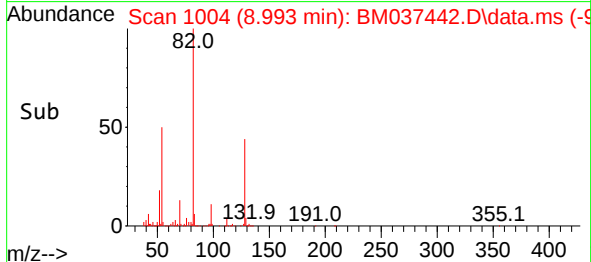
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05



Tgt Ion: 82 Resp: 10900
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.0 40.4 60.6

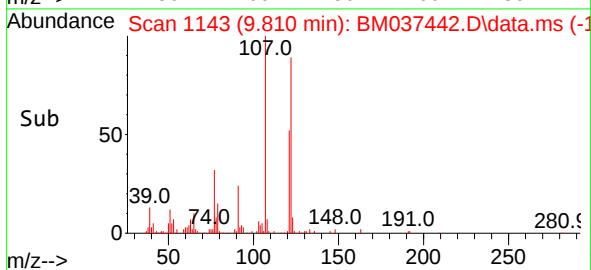
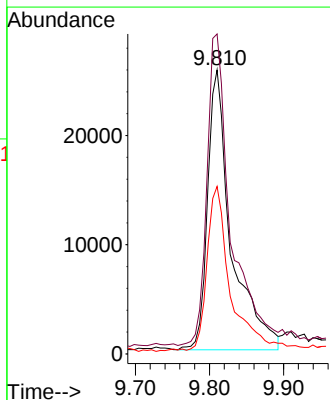
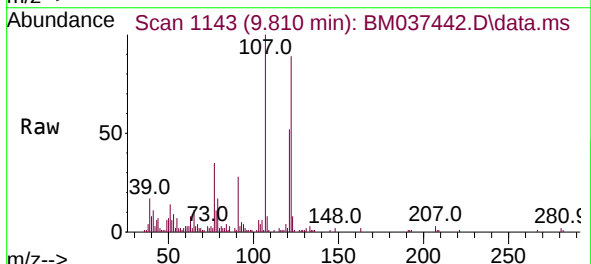
Manual Integrations
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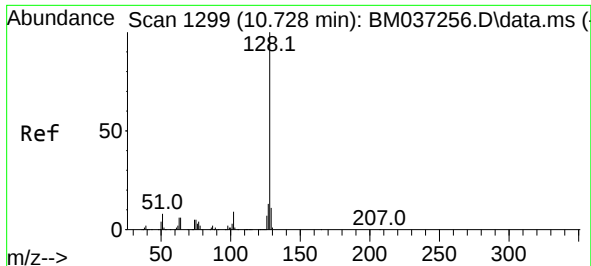
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#27
2,4-Dimethylphenol
Concen: 3.715 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

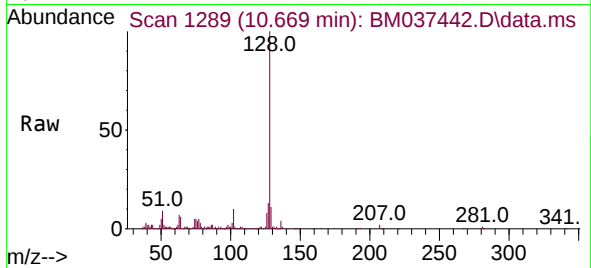
Tgt Ion:122 Resp: 57193
Ion Ratio Lower Upper
122 100
107 112.7 89.7 134.5
121 59.0 47.1 70.7





#31
Naphthalene
Concen: 2.312 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

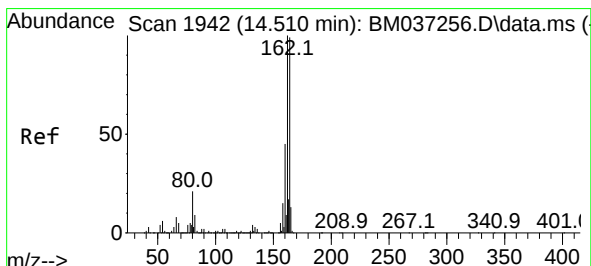
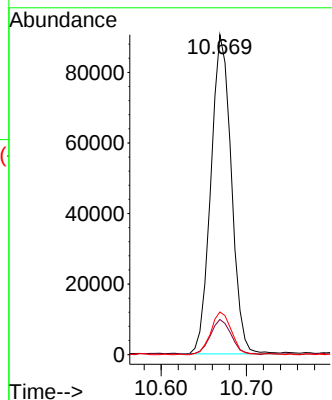
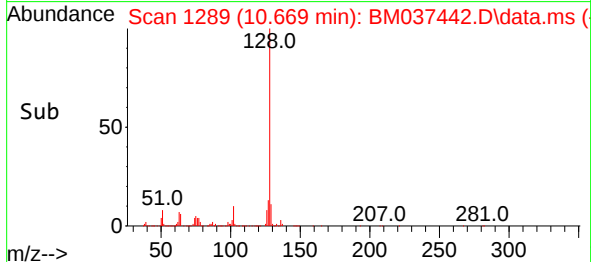
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05



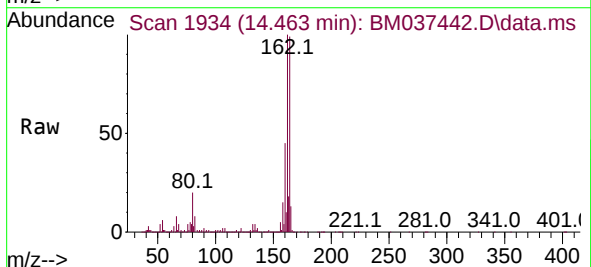
Tgt Ion:128 Resp: 151049
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.2 15.2

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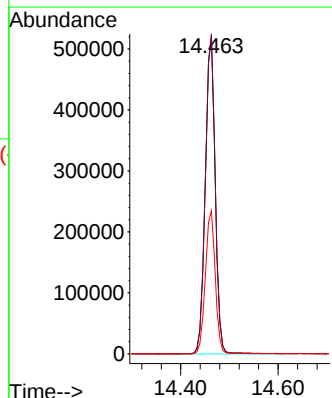
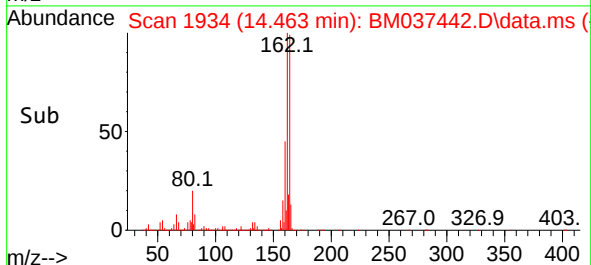
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

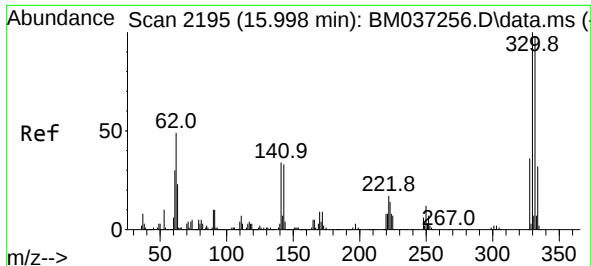


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16



Tgt Ion:164 Resp: 734170
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 9.663 ng

RT: 15.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Instrument :

BNA_M

ClientSampleId :

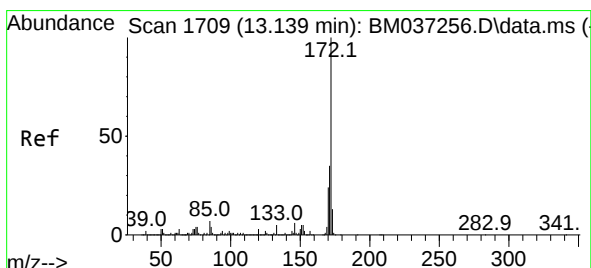
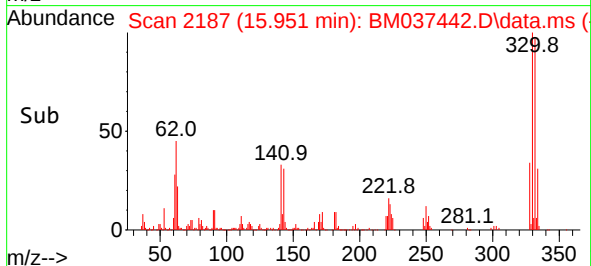
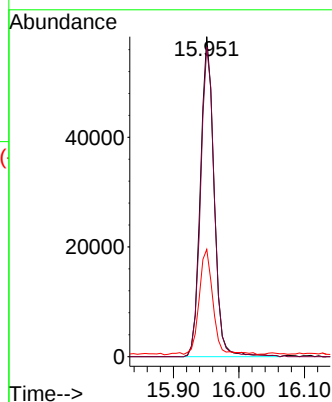
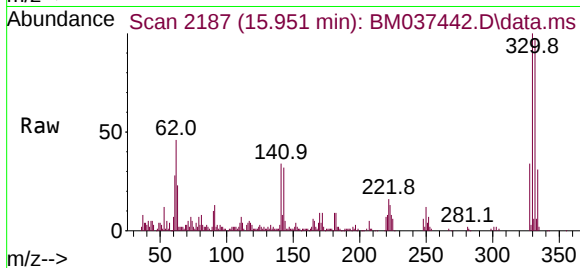
250FERRYBLVD-TFS-05

Tgt Ion:	330	Resp:	83605
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.0	117.0
141	34.0	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: 4.939 ng

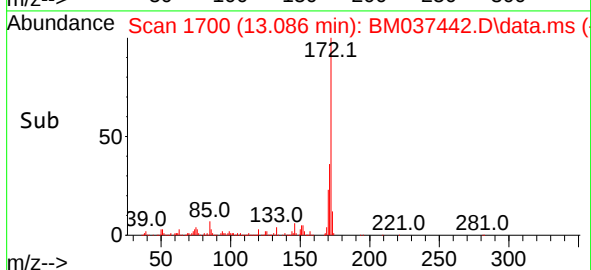
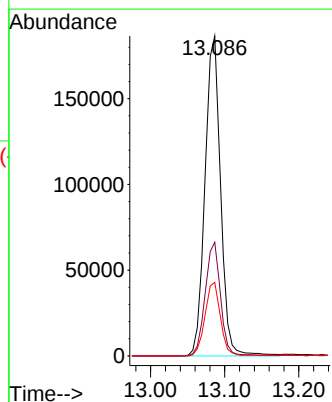
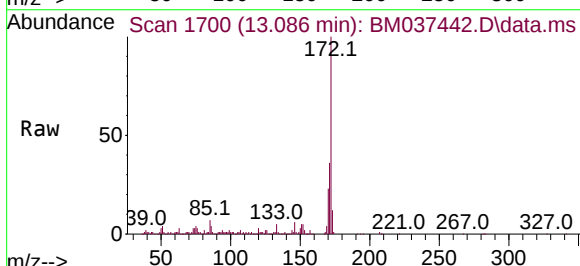
RT: 13.086 min Scan# 1700

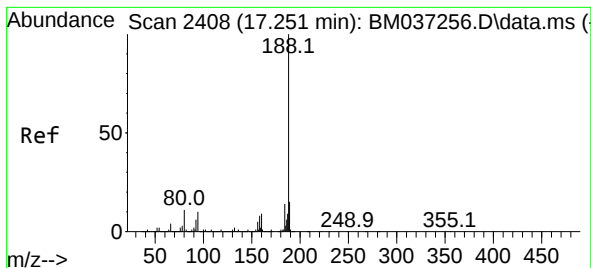
Delta R.T. -0.006 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Tgt Ion:	172	Resp:	272928
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.1	42.1
170	23.0	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-05

Tgt Ion:188 Resp: 154648

Ion Ratio Lower Upper

188 100

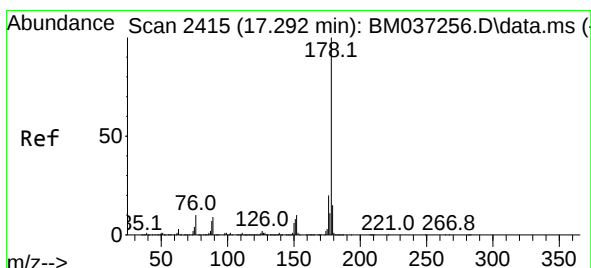
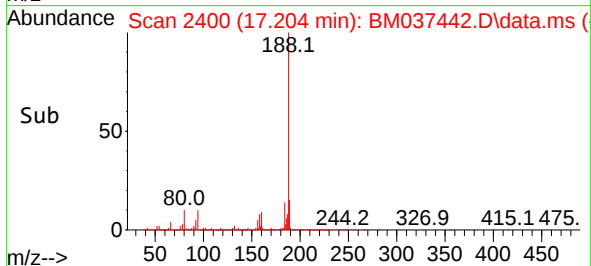
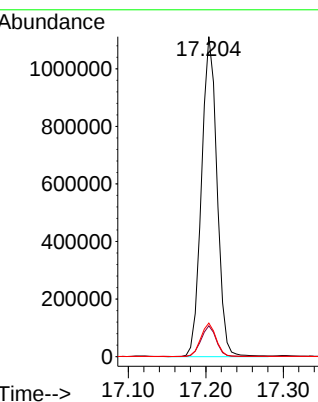
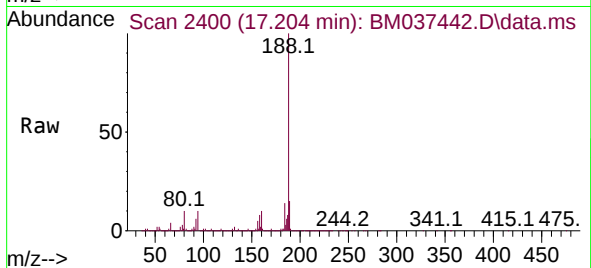
94 9.6 7.9 11.9

80 10.5 8.5 12.7

Manual Integrations

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



#71

Phenanthrene

Concen: 3.159 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

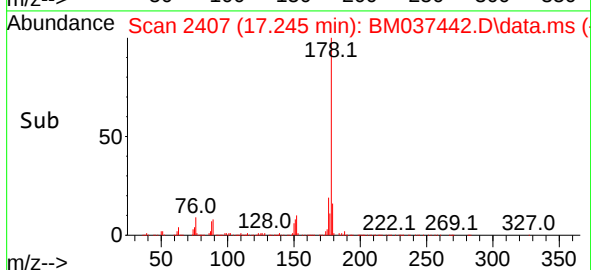
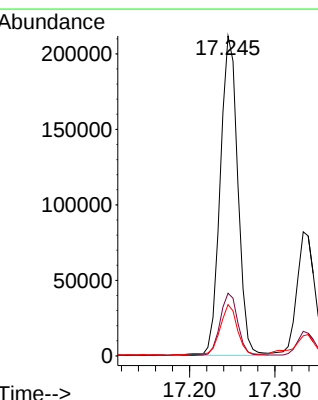
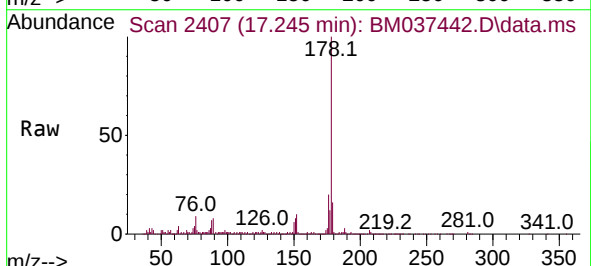
Tgt Ion:178 Resp: 303062

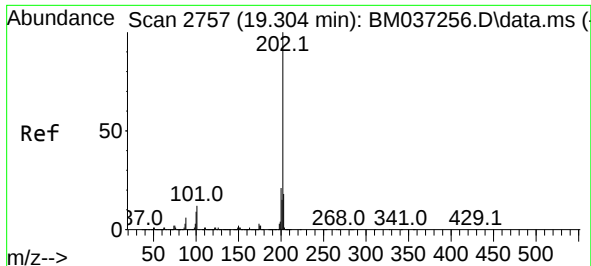
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

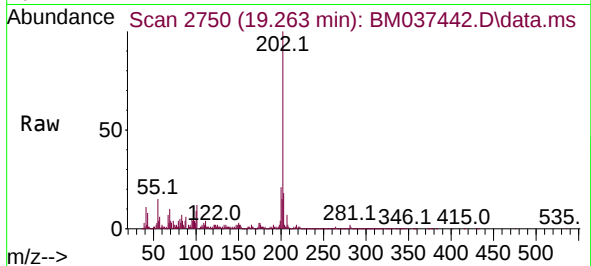
179 16.0 12.4 18.6





#75
Fluoranthene
Concen: 5.049 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

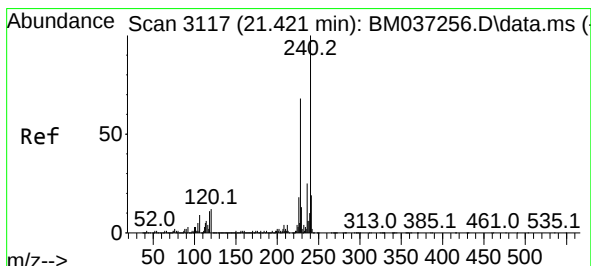
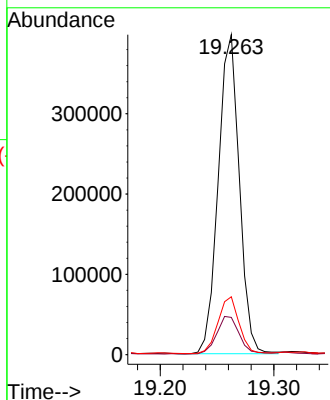
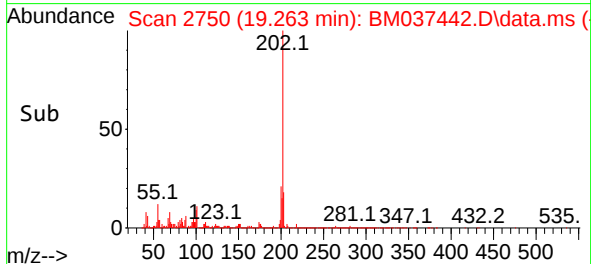
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05



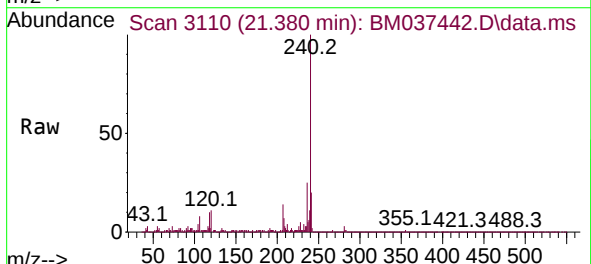
Tgt Ion:202 Resp: 512093
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 18.1 0.0 37.8

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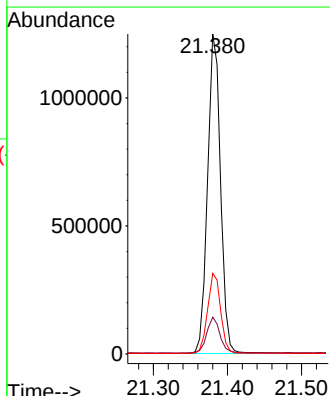
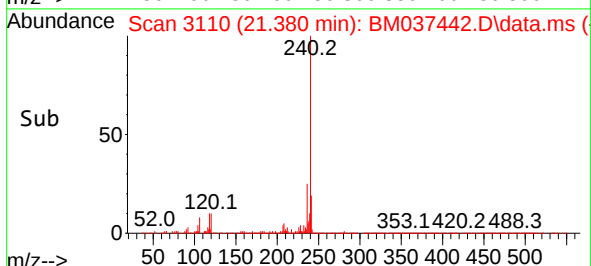
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

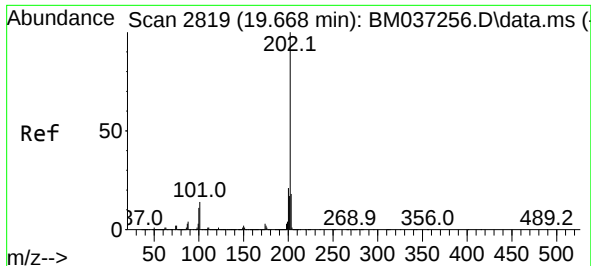


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16



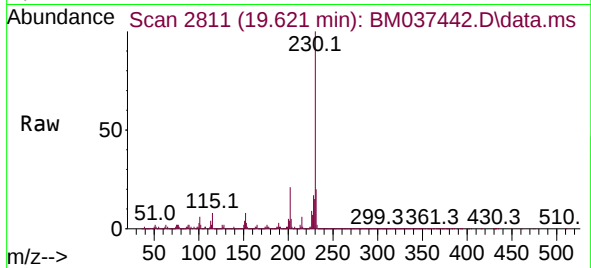
Tgt Ion:240 Resp: 1514829
Ion Ratio Lower Upper
240 100
120 11.5 9.9 14.9
236 25.2 20.3 30.5





#78
Pyrene
Concen: 7.008 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

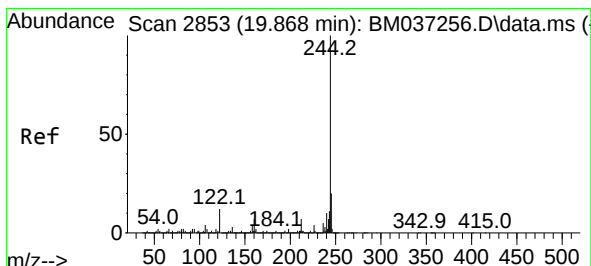
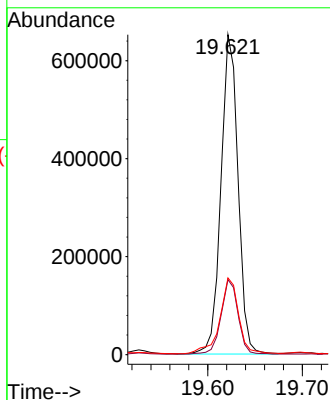
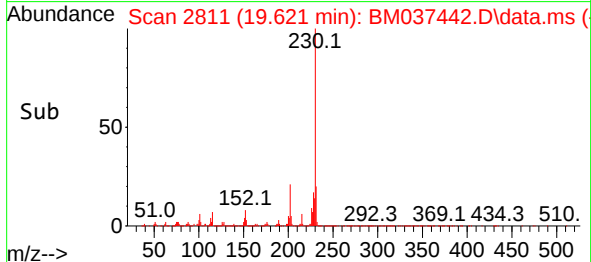
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05



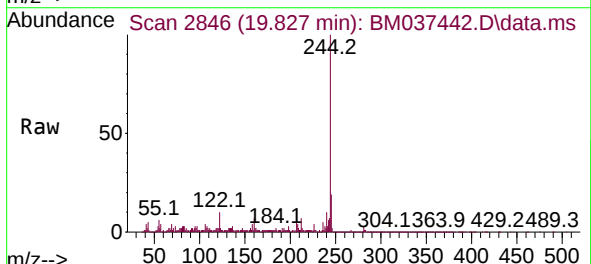
Tgt Ion:202 Resp: 816284
Ion Ratio Lower Upper
202 100
200 23.4 17.0 25.6
203 24.0 14.1 21.1

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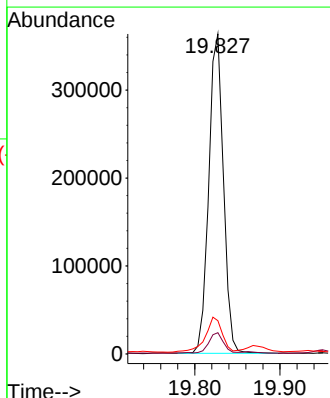
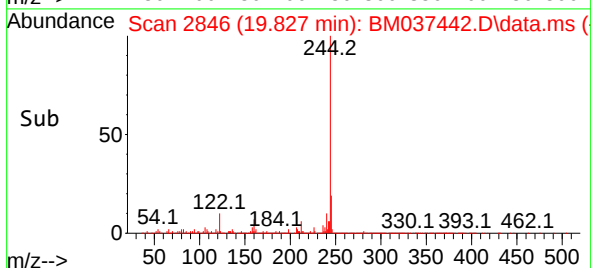
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

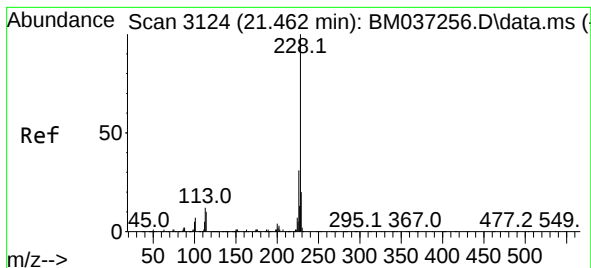


#79
Terphenyl-d14
Concen: 5.132 ng
RT: 19.827 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16



Tgt Ion:244 Resp: 433502
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.4 9.4 14.2





#83

Chrysene

Concen: 3.162 ng m

RT: 21.398 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-05

Tgt Ion:228 Resp: 328568

Ion Ratio Lower Upper

228 100

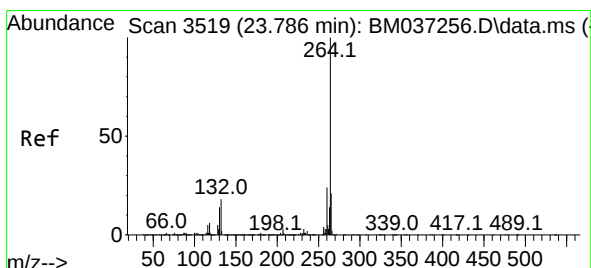
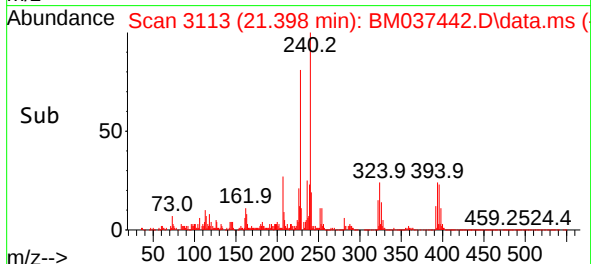
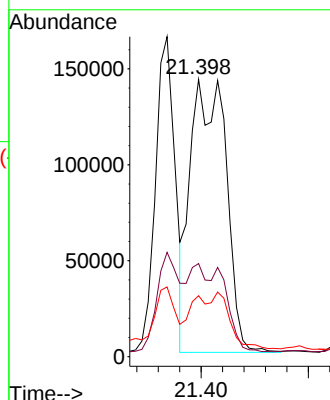
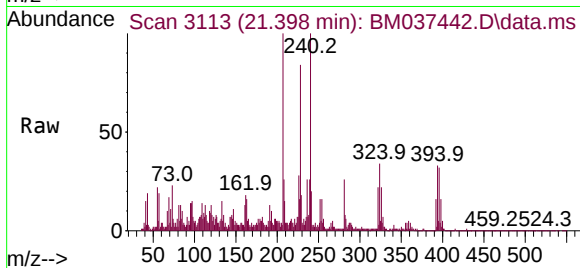
226 33.5 24.4 36.6

229 22.0 16.0 24.0

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3508

Delta R.T. 0.012 min

Lab File: BM037442.D

Acq: 09 Nov 2022 18:16

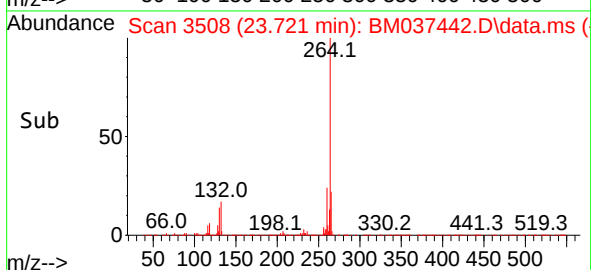
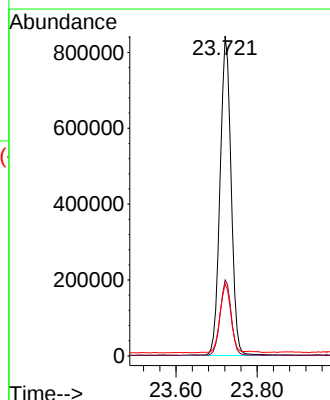
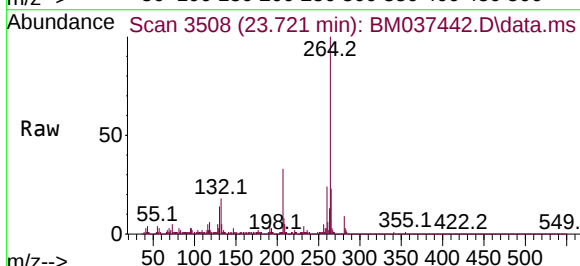
Tgt Ion:264 Resp: 1587962

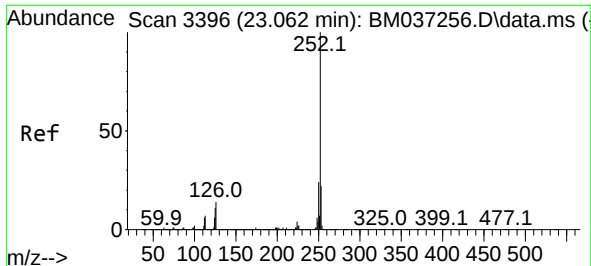
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.5 17.7 26.5





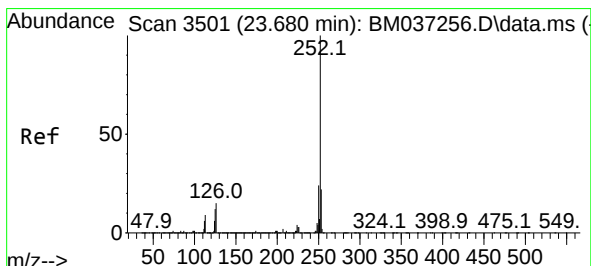
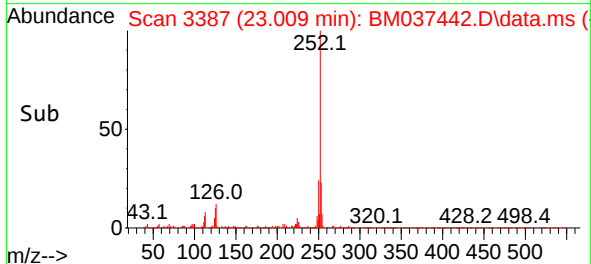
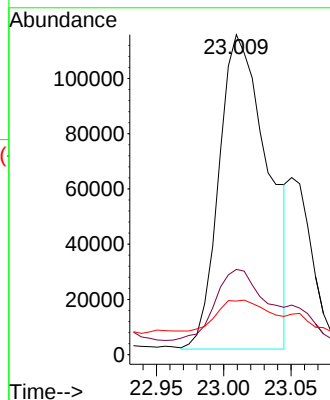
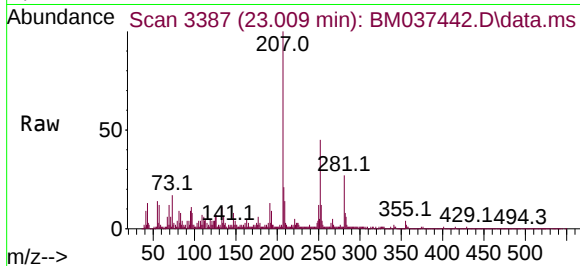
#88
Benzo(b)fluoranthene
Concen: 2.613 ng m
RT: 23.009 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-05

Tgt Ion:252 Resp: 288118
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.6
125 16.7 9.1 13.7

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



#90
Benzo(a)pyrene
Concen: 2.157 ng
RT: 23.615 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BM037442.D
Acq: 09 Nov 2022 18:16

Tgt Ion:252 Resp: 193767
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 19.9 9.9 14.9

