

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037437.D
 Acq On : 09 Nov 2022 15:18
 Operator : CG/JU
 Sample : N5436-08 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-08

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 05:47:55 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	285775	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1108374	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	710683	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1513066	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1498025	20.000	ng	0.00
86) Perylene-d12	23.727	264	1599098	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	192042	11.610	ng	0.00
7) Phenol-d6	7.004	99	234693	10.454	ng	0.00
23) Nitrobenzene-d5	8.992	82	141393	6.436	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	114002	13.612	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	353528	6.610	ng	0.00
79) Terphenyl-d14	19.827	244	556895	6.667	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.810	122	53732	3.631	ng	96
71) Phenanthrene	17.245	178	298947	3.185	ng	99
75) Fluoranthene	19.262	202	562205	5.666	ng	98
78) Pyrene	19.627	202	854651	7.419	ng	# 92
81) Benzo(a)anthracene	21.368	228	240676	2.257	ng	93
83) Chrysene	21.421	228	344961m	3.357	ng	
88) Benzo(b)fluoranthene	23.015	252	295867	2.665	ng	# 82
90) Benzo(a)pyrene	23.621	252	229849	2.541	ng	# 84

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

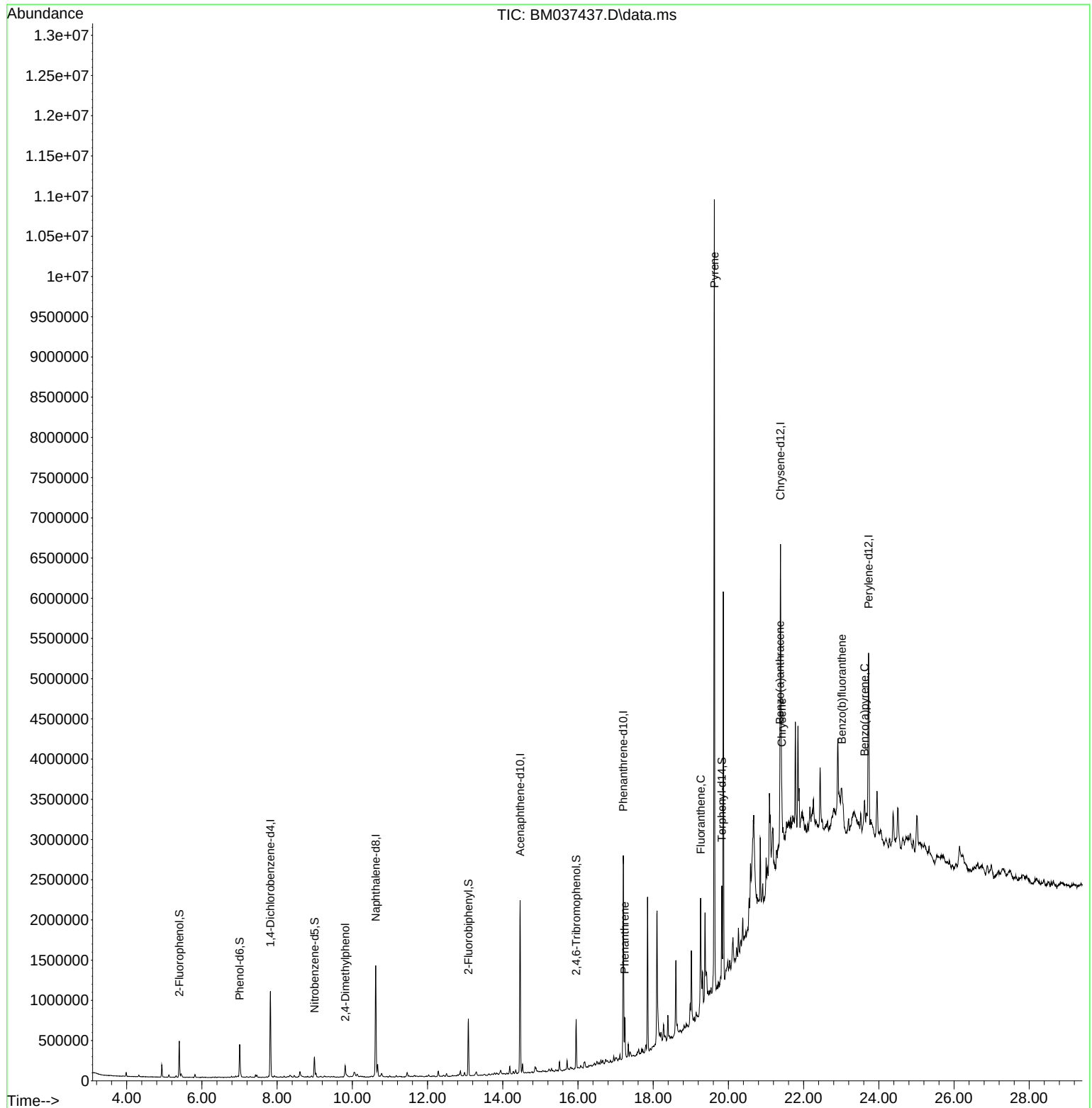
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037437.D
Acq On : 09 Nov 2022 15:18
Operator : CG/JU
Sample : N5436-08 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

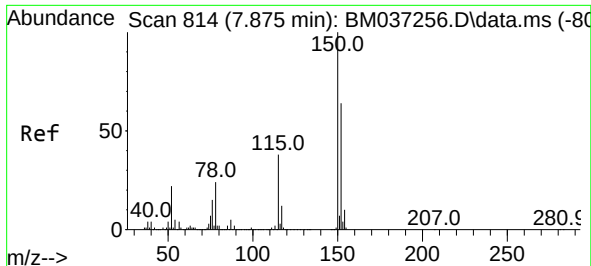
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

Quant Time: Nov 10 05:47:55 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
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Manual Integrations
APPROVED

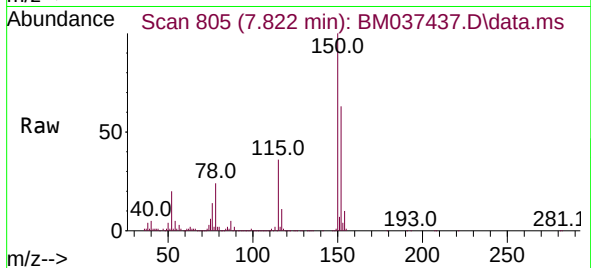
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

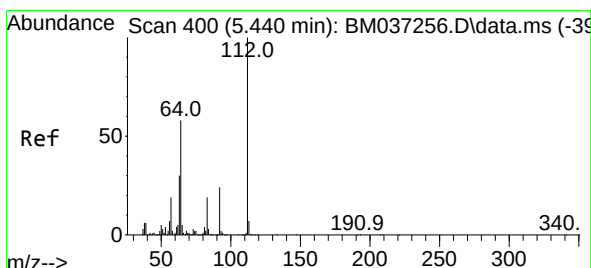
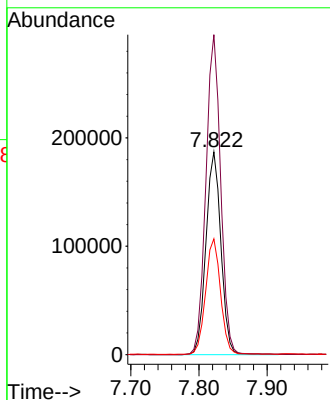
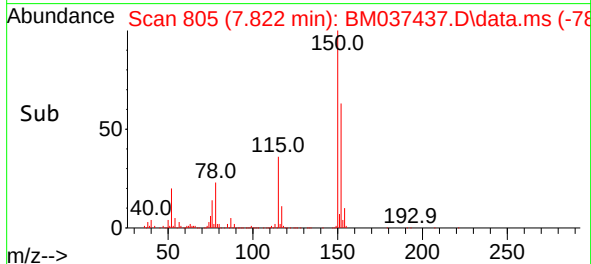
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08



Tgt Ion:152 Resp: 285775
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 57.1 47.0 70.4

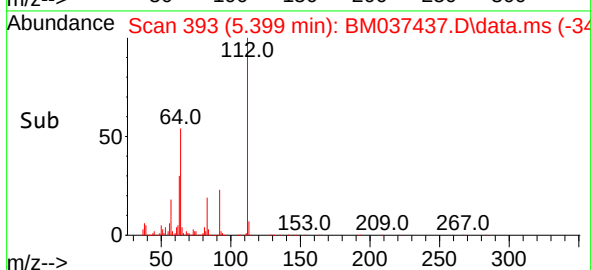
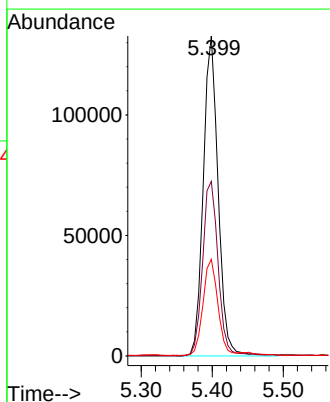
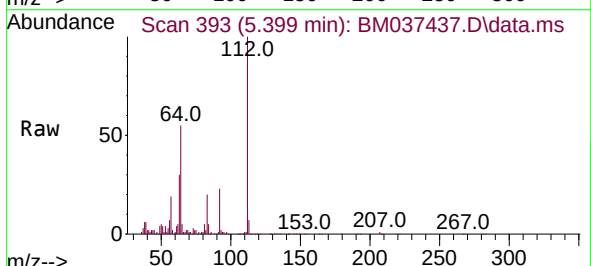
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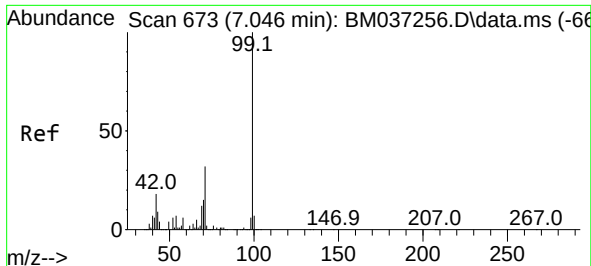
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#5
2-Fluorophenol
Concen: 11.610 ng
RT: 5.399 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:112 Resp: 192042
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 30.2 24.4 36.6





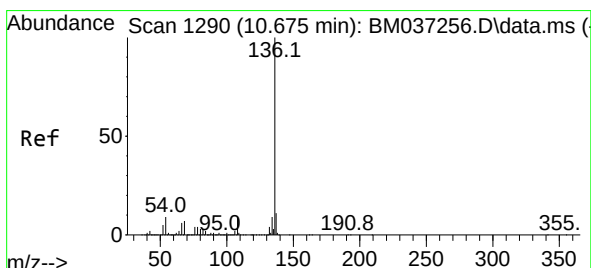
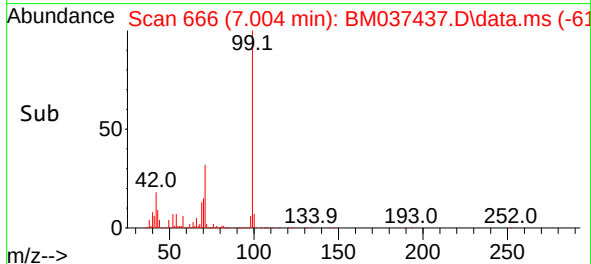
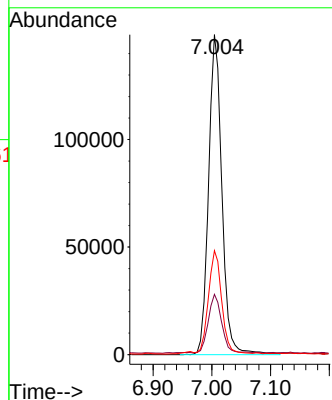
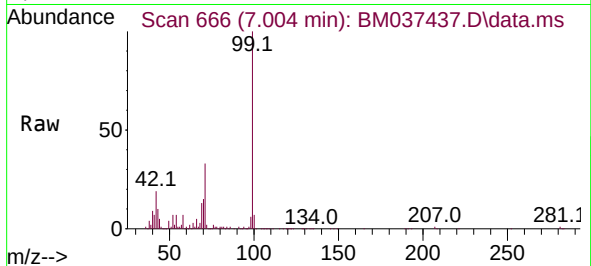
#7
Phenol-d6
Concen: 10.454 ng
RT: 7.004 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

Tgt Ion: 99 Resp: 234693
Ion Ratio Lower Upper
99 100
42 18.8 14.8 22.2
71 32.5 25.6 38.4

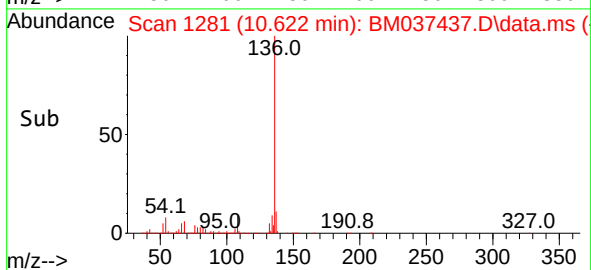
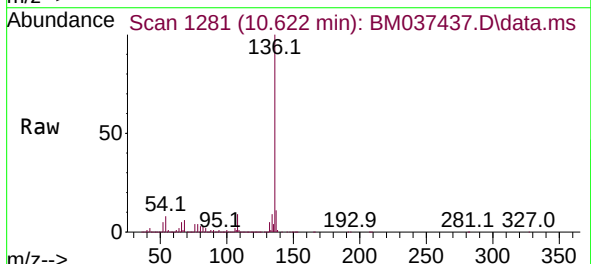
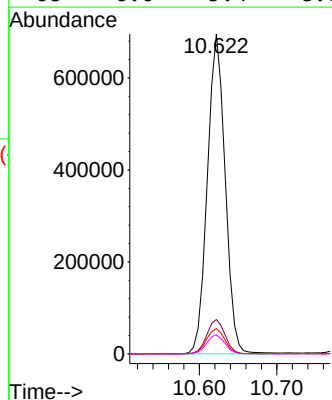
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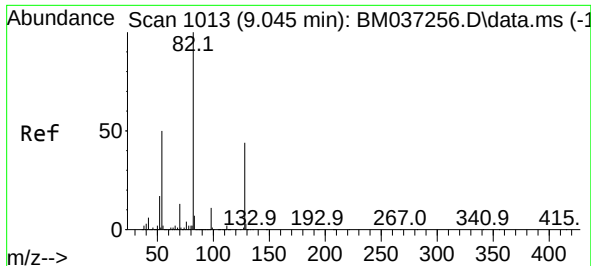
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

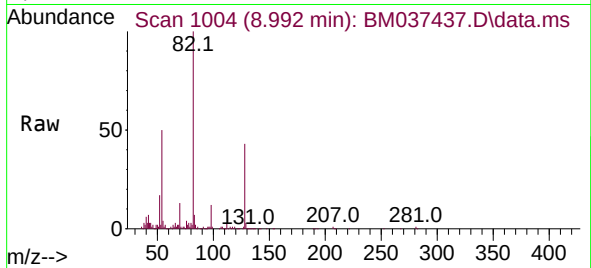
Tgt Ion:136 Resp: 1108374
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.9 7.0 10.4
68 6.0 5.4 8.0





#23
Nitrobenzene-d5
Concen: 6.436 ng
RT: 8.992 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

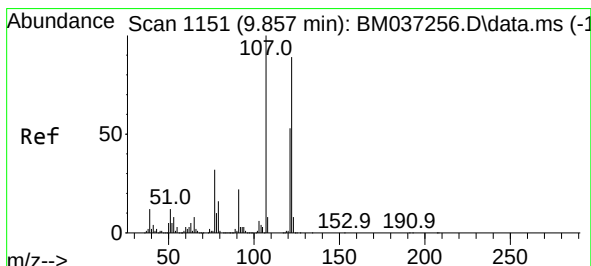
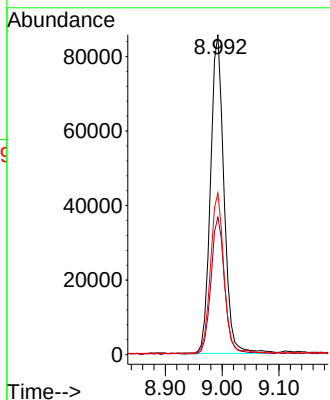
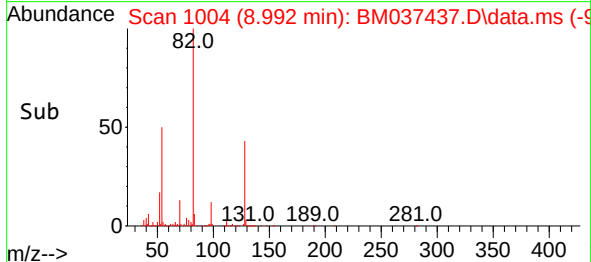
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08



Tgt Ion: 82 Resp: 141393
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 50.5 40.4 60.6

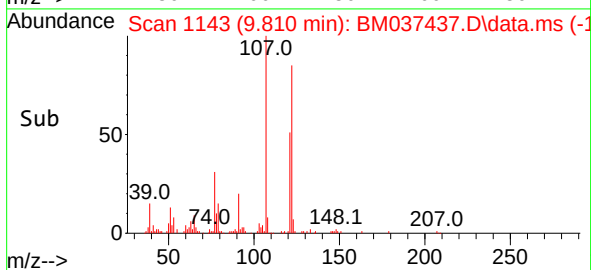
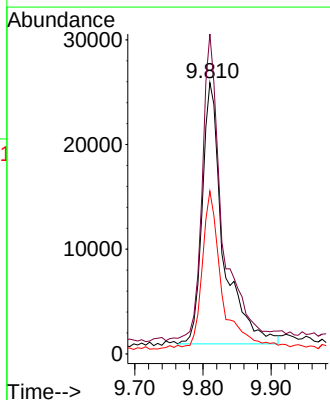
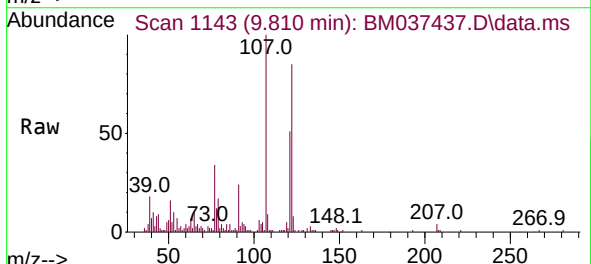
Manual Integrations
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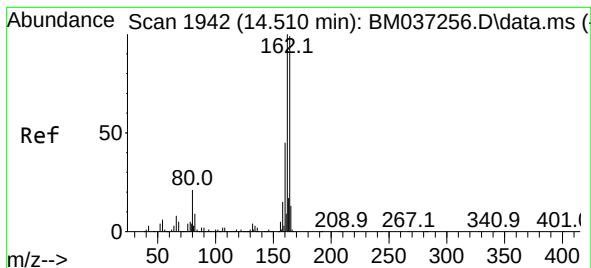
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#27
2,4-Dimethylphenol
Concen: 3.631 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:122 Resp: 53732
Ion Ratio Lower Upper
122 100
107 118.0 89.7 134.5
121 60.0 47.1 70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BM037437.D

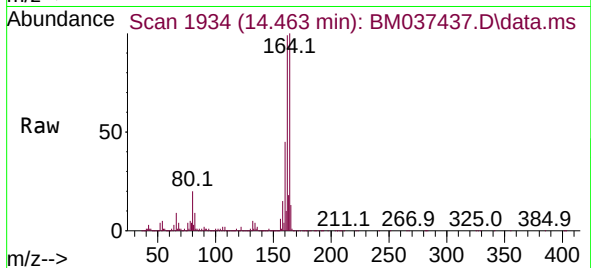
Acq: 09 Nov 2022 15:18

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-08



Tgt Ion:164 Resp: 710683

Ion Ratio Lower Upper

164 100

162 99.3 80.6 120.8

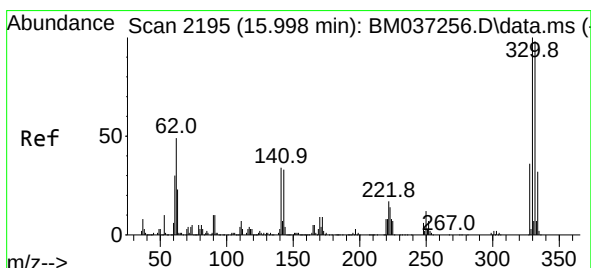
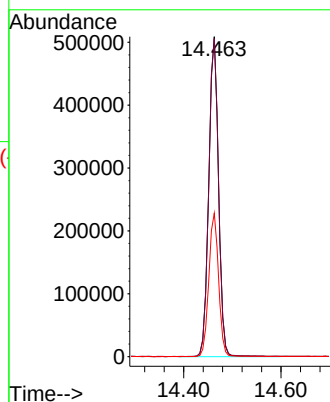
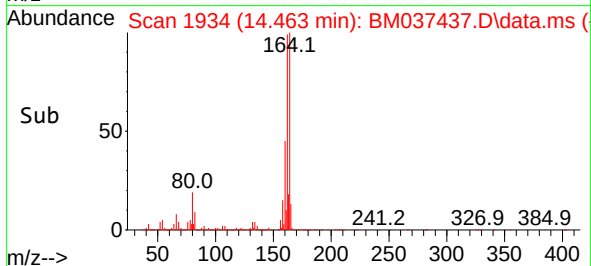
160 44.8 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/10/2022

Supervised By :mohammad ahmed 11/10/2022



#42

2,4,6-Tribromophenol

Concen: 13.612 ng

RT: 15.951 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

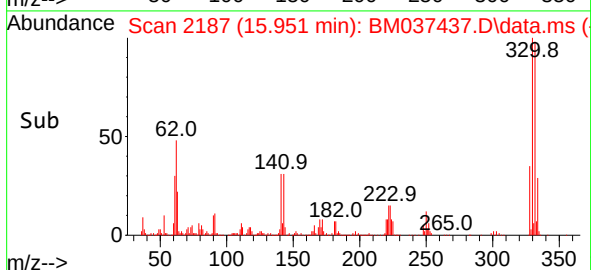
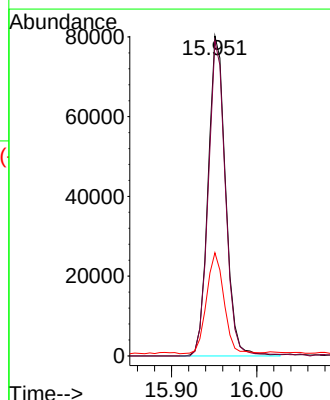
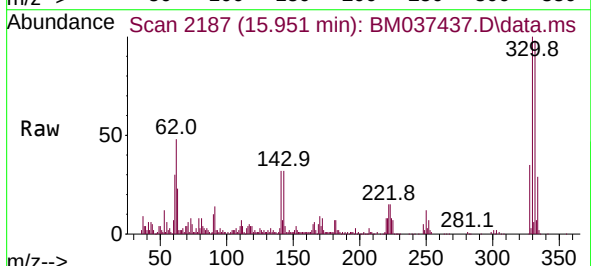
Tgt Ion:330 Resp: 114002

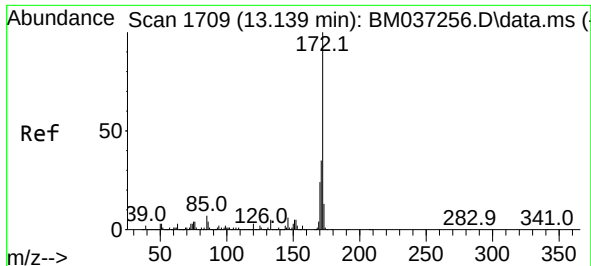
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

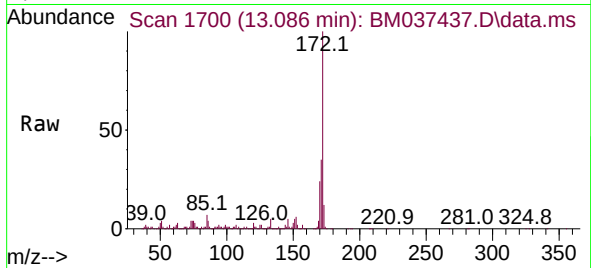
141 31.6 27.5 41.3





#45
2-Fluorobiphenyl
Concen: 6.610 ng
RT: 13.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

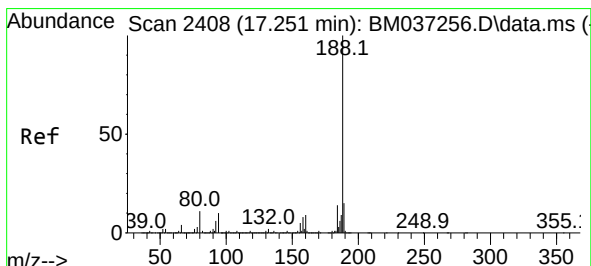
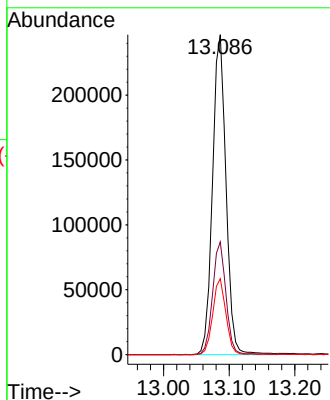
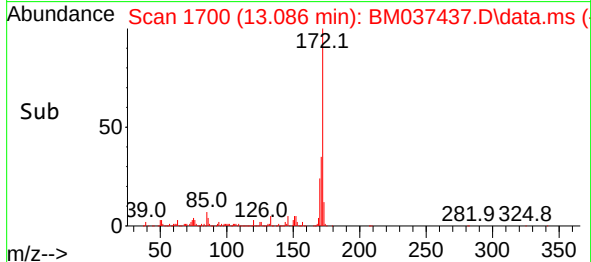
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08



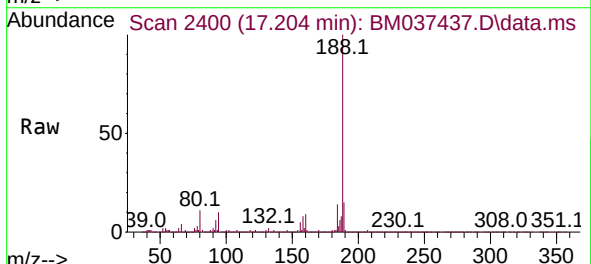
Tgt Ion:172 Resp: 353528
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.7 19.0 28.4

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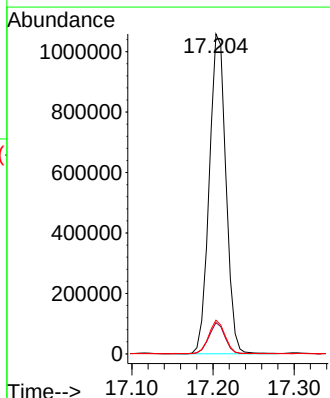
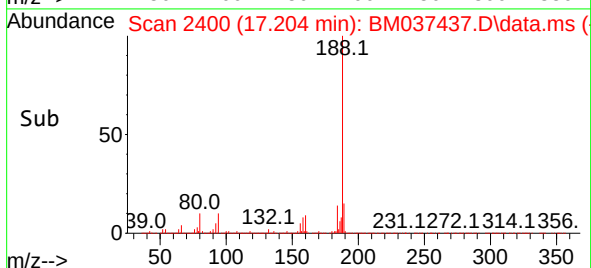
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

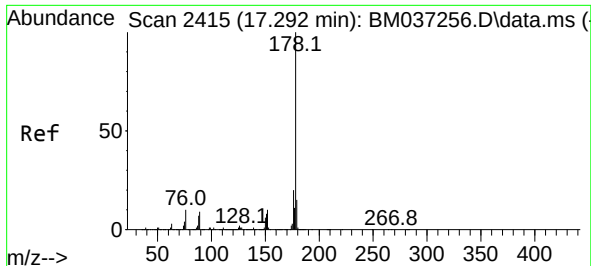


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18



Tgt Ion:188 Resp: 1513066
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.5 8.5 12.7





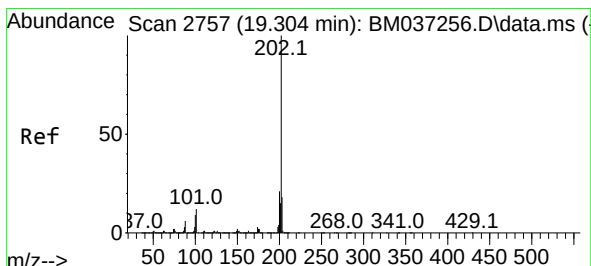
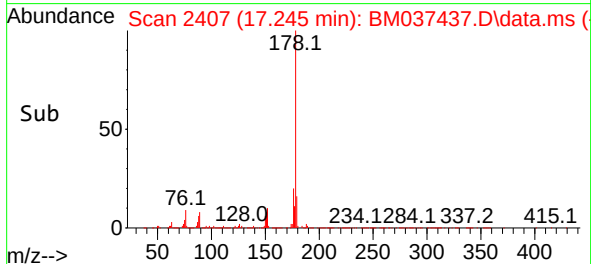
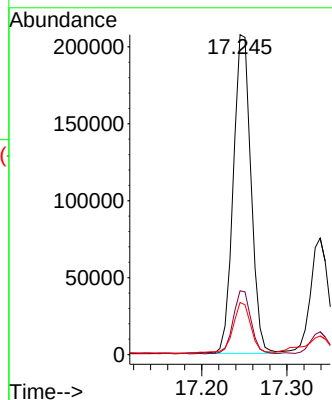
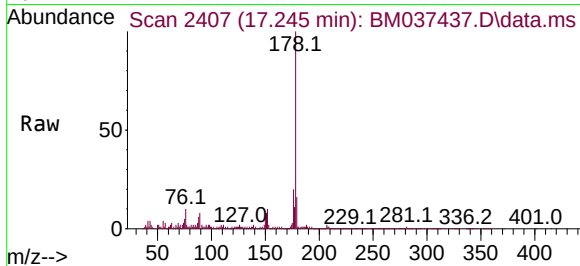
#71
Phenanthrene
Concen: 3.185 ng
RT: 17.245 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

Tgt Ion:178 Resp: 298947
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.3 12.4 18.6

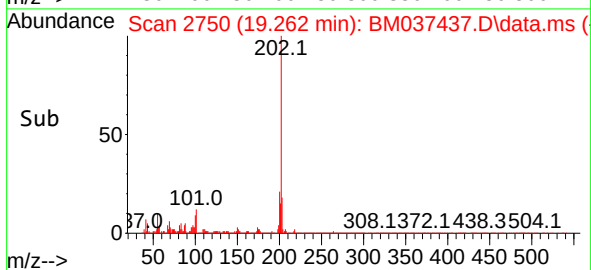
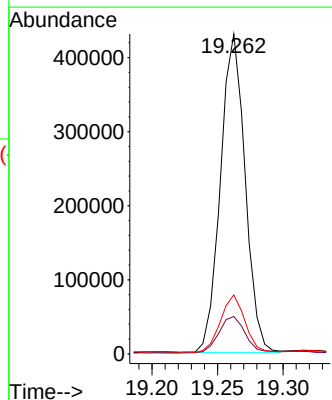
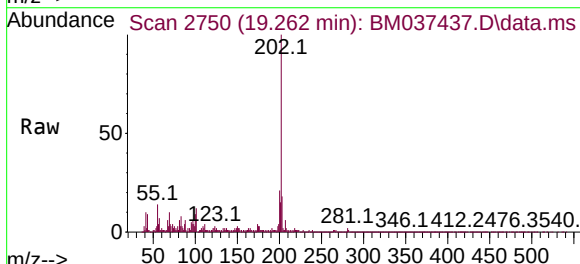
Manual Integrations
APPROVED

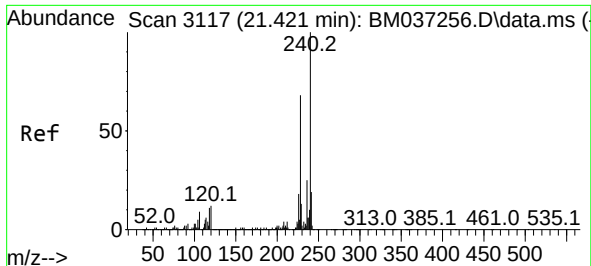
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#75
Fluoranthene
Concen: 5.666 ng
RT: 19.262 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:202 Resp: 562205
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 18.4 0.0 37.8





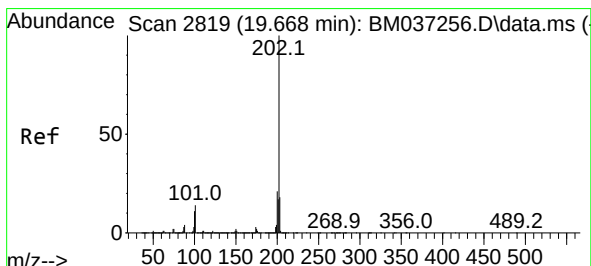
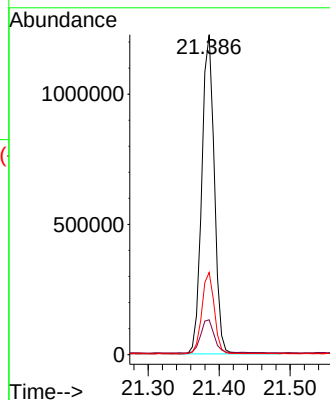
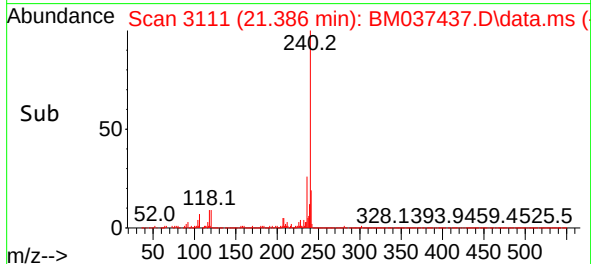
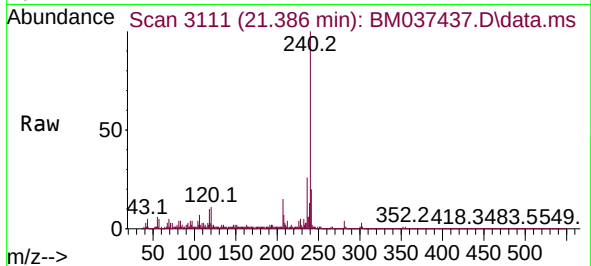
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

Tgt Ion:240 Resp: 1498025
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.7 20.3 30.5

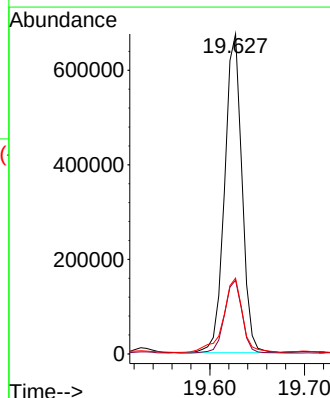
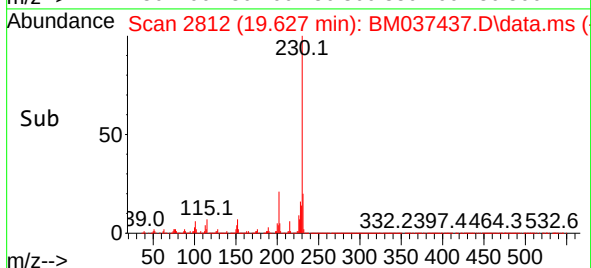
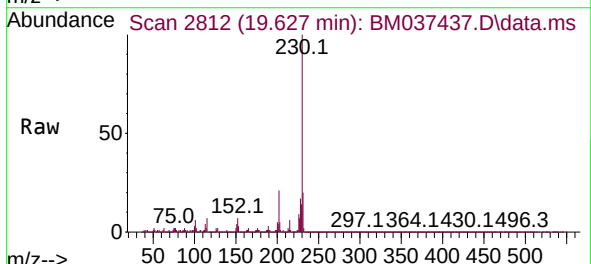
Manual Integrations
APPROVED

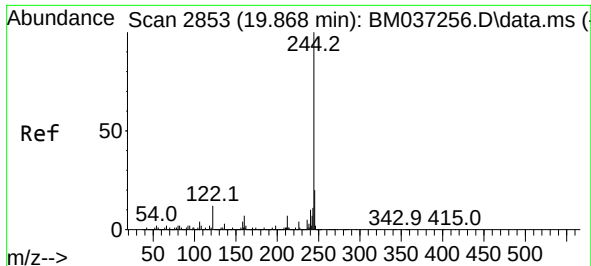
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#78
Pyrene
Concen: 7.419 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.006 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

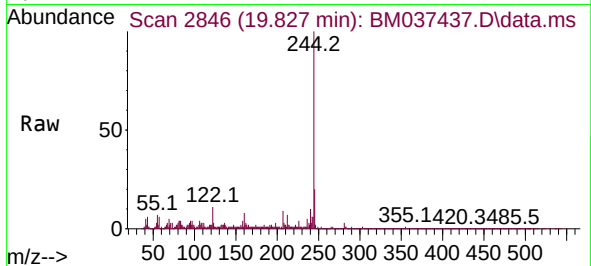
Tgt Ion:202 Resp: 854651
Ion Ratio Lower Upper
202 100
200 23.0 17.0 25.6
203 23.7 14.1 21.1#





#79
 Terphenyl-d14
 Concen: 6.667 ng
 RT: 19.827 min Scan# 2853
 Delta R.T. 0.000 min
 Lab File: BM037437.D
 Acq: 09 Nov 2022 15:18

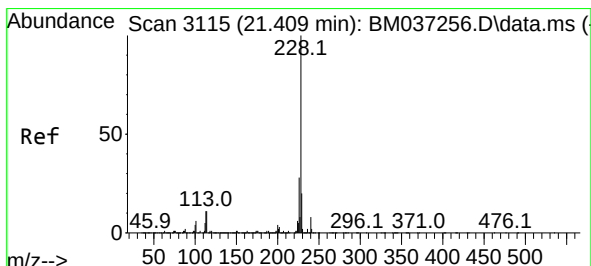
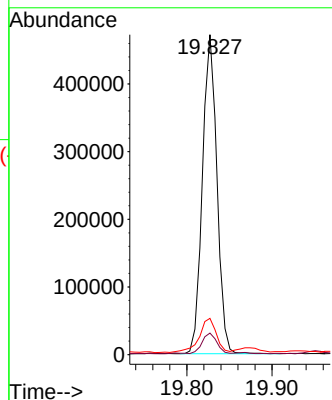
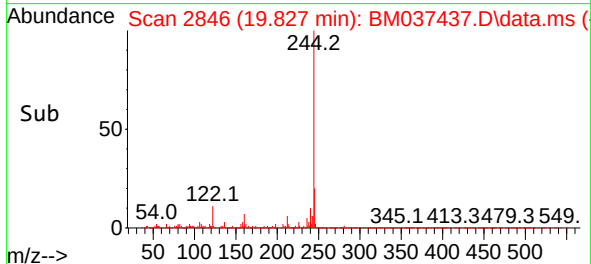
Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-08



Tgt Ion:244 Resp: 556895
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.4 9.4 14.2

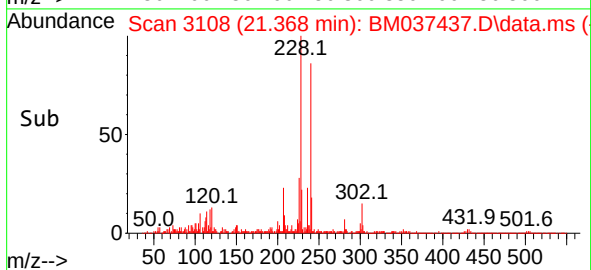
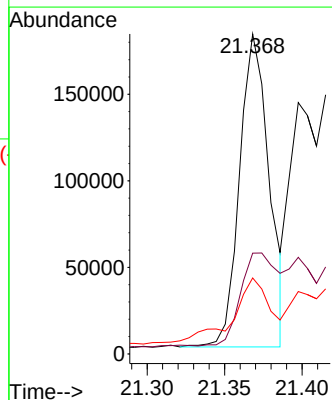
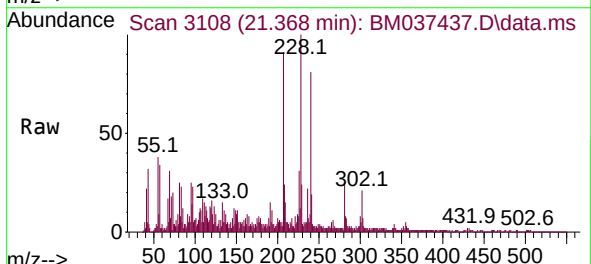
Manual Integrations
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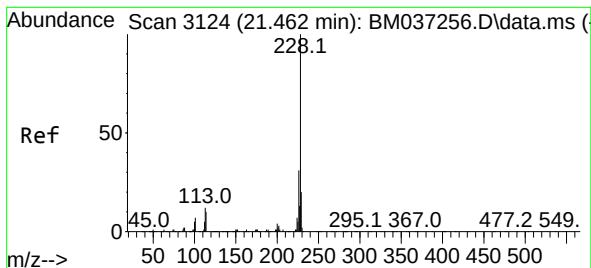
Reviewed By :Christian Giraldo 11/10/2022
 Supervised By :mohammad ahmed 11/10/2022



#81
 Benzo(a)anthracene
 Concen: 2.257 ng
 RT: 21.368 min Scan# 3108
 Delta R.T. 0.006 min
 Lab File: BM037437.D
 Acq: 09 Nov 2022 15:18

Tgt Ion:228 Resp: 240676
 Ion Ratio Lower Upper
 228 100
 226 31.5 22.3 33.5
 229 23.7 16.2 24.2





#83

Chrysene

Concen: 3.357 ng m

RT: 21.421 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

Instrument :

BNA_M

ClientSampleId :

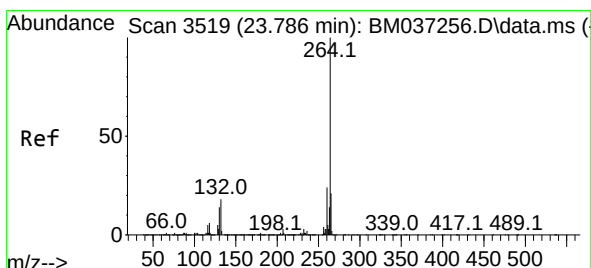
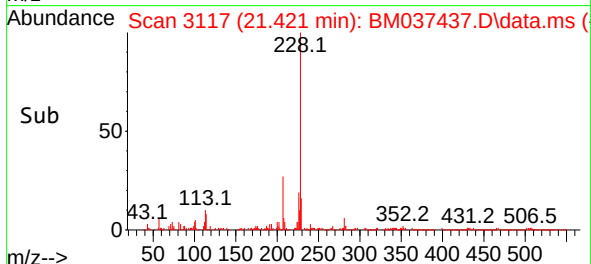
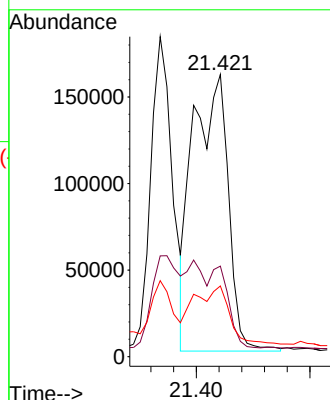
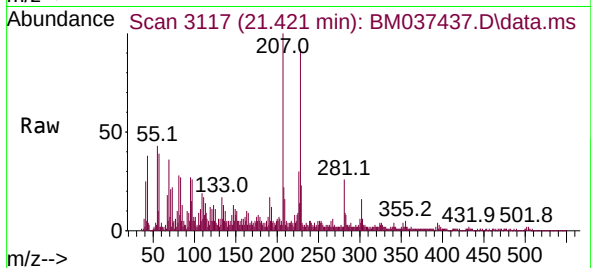
250FERRYBLVD-TFS-08

Tgt Ion:	228	Resp:	344963
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.4	36.6
229	25.0	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

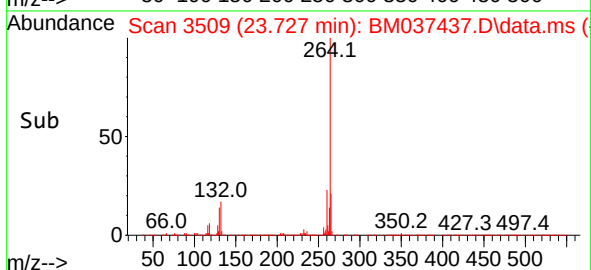
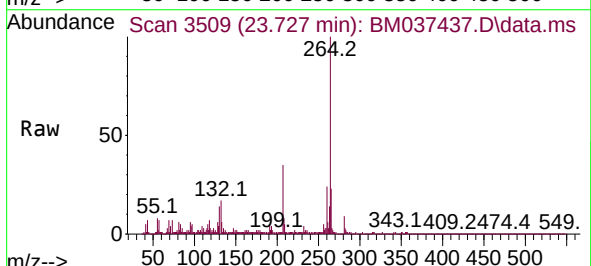
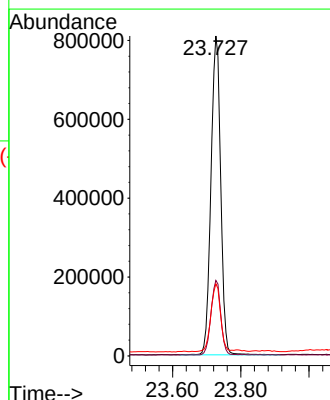
RT: 23.727 min Scan# 3509

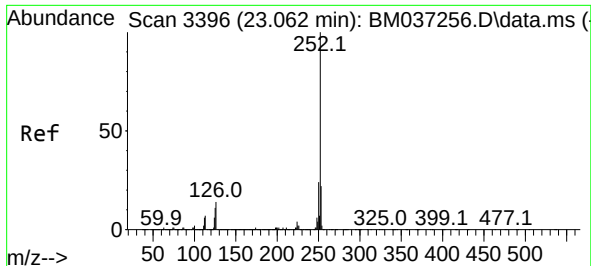
Delta R.T. 0.018 min

Lab File: BM037437.D

Acq: 09 Nov 2022 15:18

Tgt Ion:	264	Resp:	1599098
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	22.5	17.7	26.5





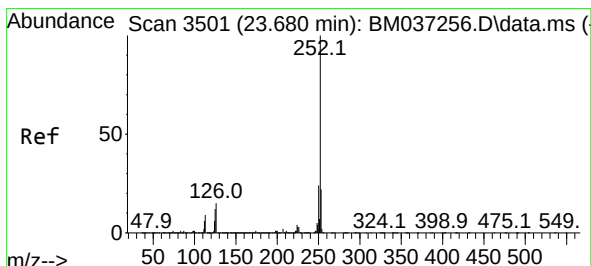
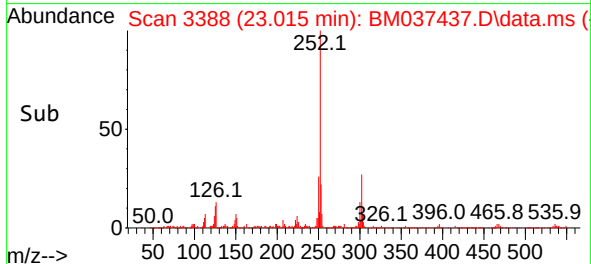
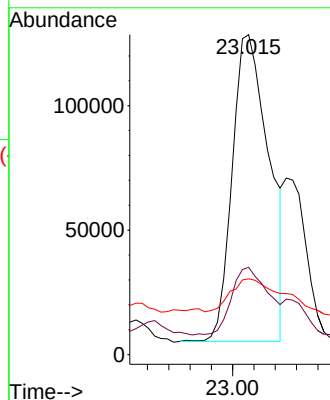
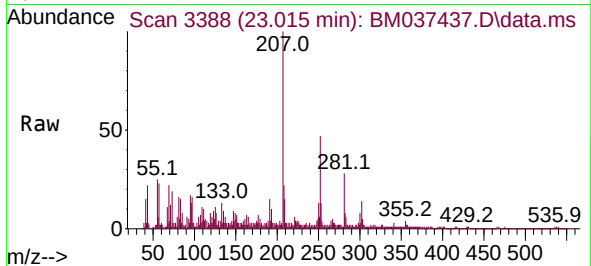
#88
Benzo(b)fluoranthene
Concen: 2.665 ng
RT: 23.015 min Scan# 3396
Delta R.T. 0.012 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-08

Tgt Ion:252 Resp: 295862
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.6#
125 23.7 9.1 13.7#

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.541 ng
RT: 23.621 min Scan# 3491
Delta R.T. 0.012 min
Lab File: BM037437.D
Acq: 09 Nov 2022 15:18

Tgt Ion:252 Resp: 229849
Ion Ratio Lower Upper
252 100
253 26.9 17.4 26.2#
125 22.6 9.9 14.9#

