

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037438.D
 Acq On : 09 Nov 2022 15:54
 Operator : CG/JU
 Sample : N5436-09 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-09

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 05:48:13 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	315717	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1297632	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	799703	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1581107	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1477461	20.000	ng	0.00
86) Perylene-d12	23.727	264	1564831	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	207523	11.356	ng	0.00
7) Phenol-d6	7.004	99	254005	10.241	ng	0.00
23) Nitrobenzene-d5	8.992	82	154960	6.025	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	117828	12.503	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	394825	6.560	ng	0.00
79) Terphenyl-d14	19.827	244	567244	6.885	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.034	94	104510	3.761	ng	98
17) 2-Methylphenol	8.281	107	67538	3.719	ng	98
20) 3+4-Methylphenols	8.604	107	946917	37.957	ng	91
27) 2,4-Dimethylphenol	9.810	122	1592863	91.944	ng	100
31) Naphthalene	10.675	128	148987	2.027	ng	100
71) Phenanthrene	17.245	178	311446	3.175	ng	100
75) Fluoranthene	19.262	202	468614	4.519	ng	99
78) Pyrene	19.627	202	777284	6.842	ng	# 89
83) Chrysene	21.403	228	315624m	3.115	ng	
88) Benzo(b)fluoranthene	23.015	252	225531	2.076	ng	# 82

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

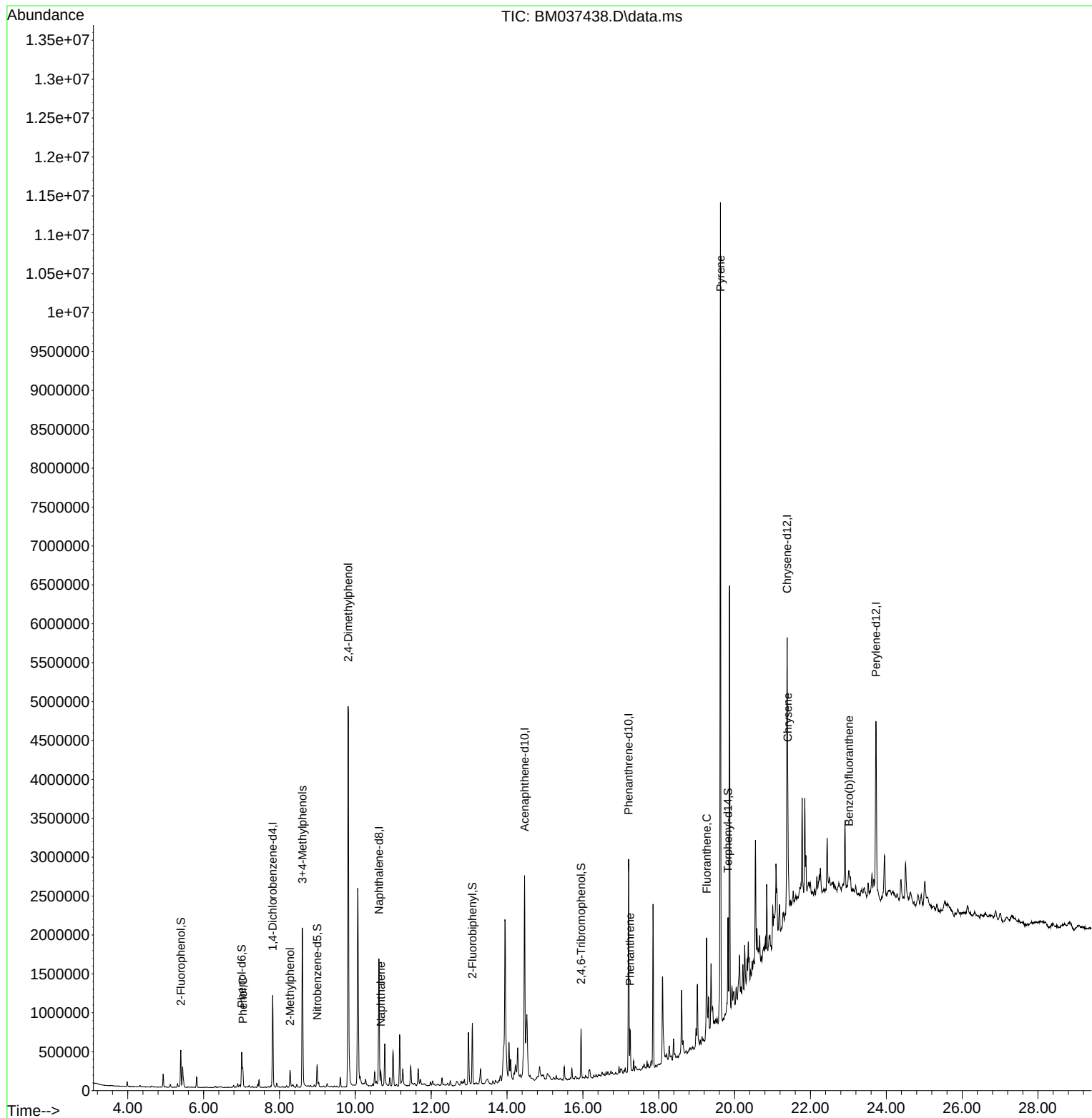
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037438.D
Acq On : 09 Nov 2022 15:54
Operator : CG/JU
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ALS Vial : 7 Sample Multiplier: 1

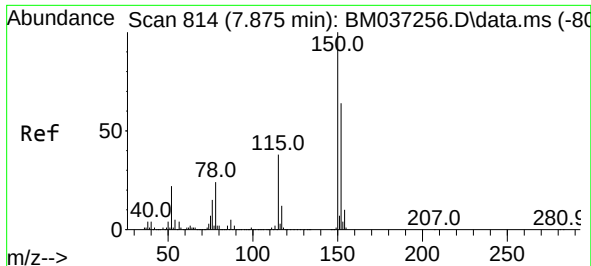
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

Quant Time: Nov 10 05:48:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
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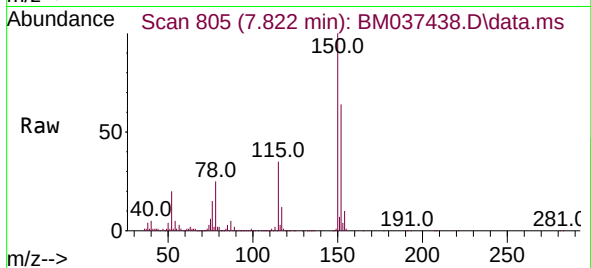
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

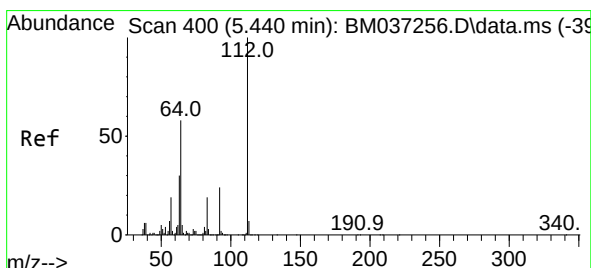
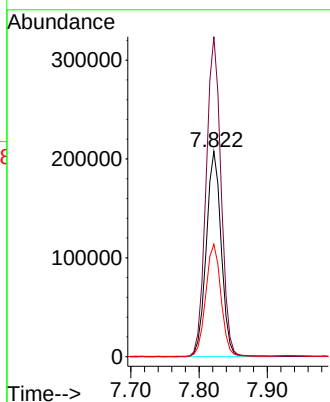
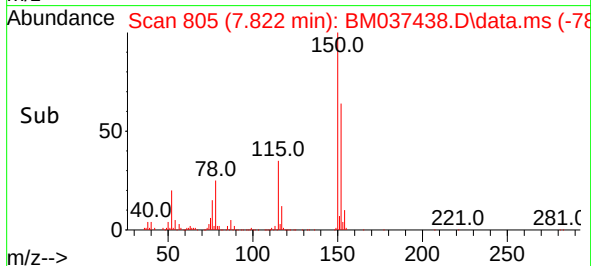
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09



Tgt Ion:152 Resp: 315717
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 54.8 47.0 70.4

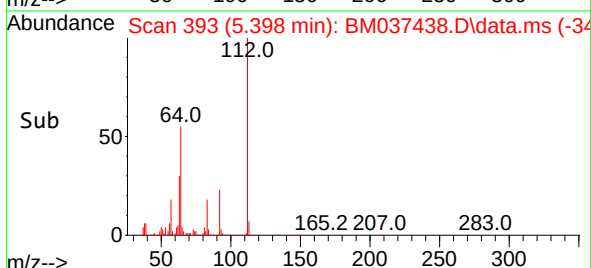
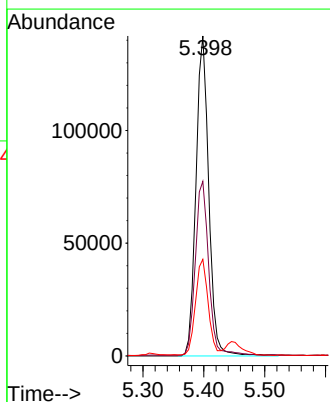
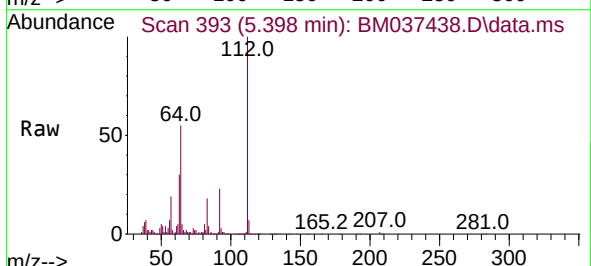
Manual Integrations
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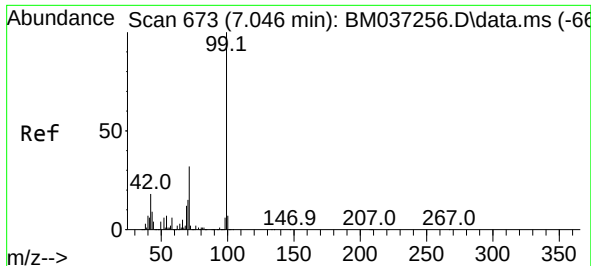
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#5
2-Fluorophenol
Concen: 11.356 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

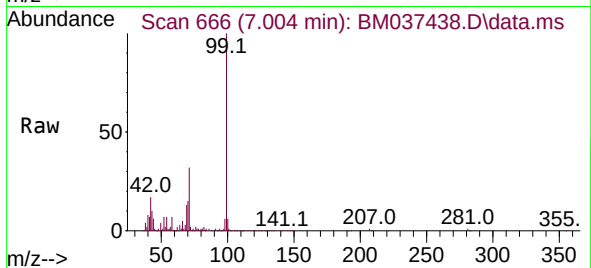
Tgt Ion:112 Resp: 207523
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 30.2 24.4 36.6





#7
Phenol-d6
Concen: 10.241 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

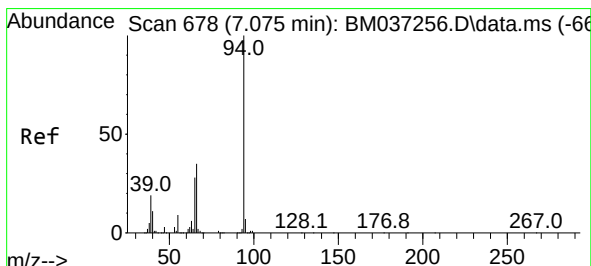
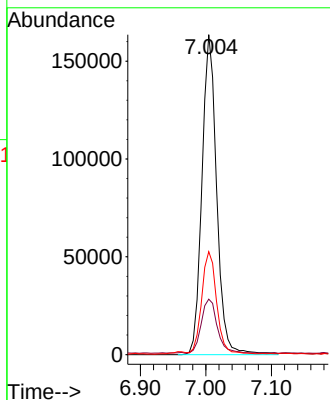
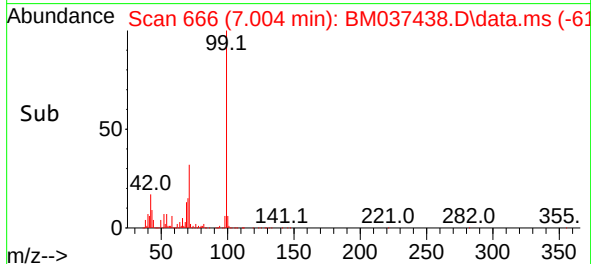
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09



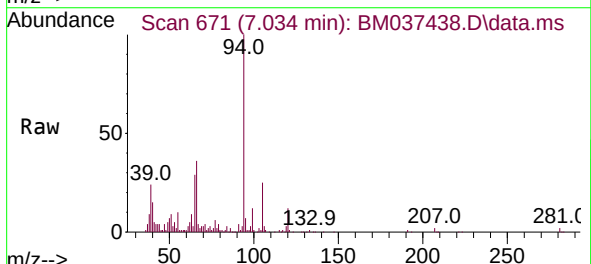
Tgt Ion: 99 Resp: 254005
Ion Ratio Lower Upper
99 100
42 17.3 14.8 22.2
71 32.2 25.6 38.4

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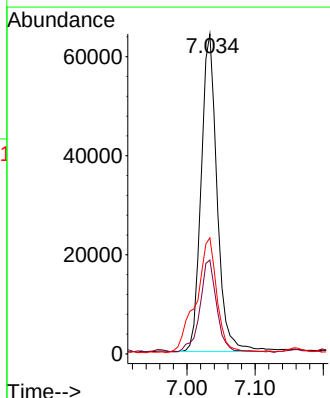
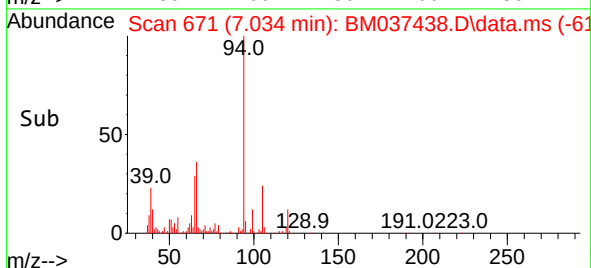
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

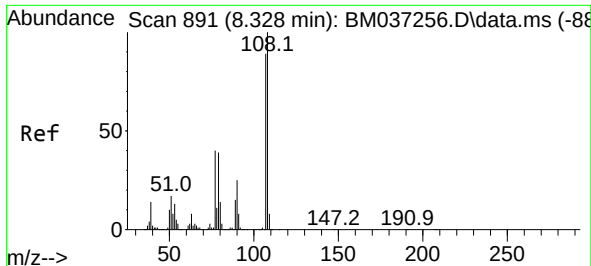


#10
Phenol
Concen: 3.761 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54



Tgt Ion: 94 Resp: 104510
Ion Ratio Lower Upper
94 100
65 29.3 8.1 48.1
66 36.3 15.5 55.5





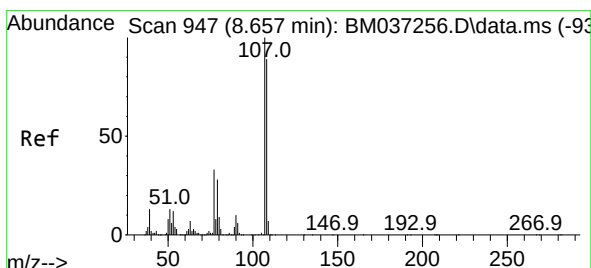
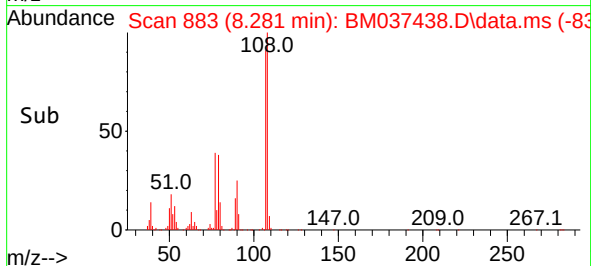
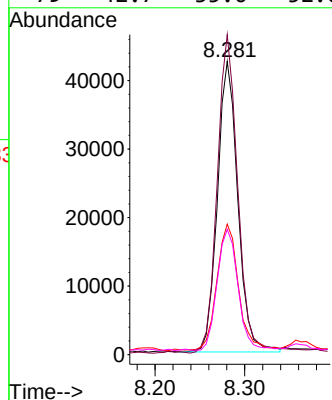
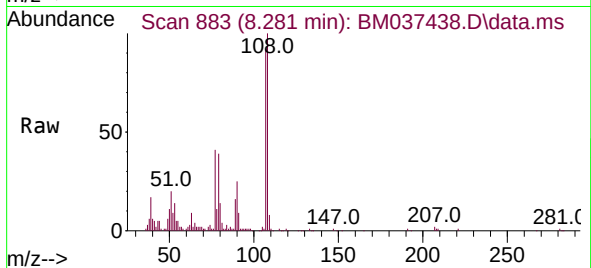
#17
2-Methylphenol
Concen: 3.719 ng
RT: 8.281 min Scan# 881
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

Tgt Ion:107 Resp: 67538
Ion Ratio Lower Upper
107 100
108 109.2 89.5 134.3
77 44.5 36.2 54.2
79 42.7 35.0 52.6

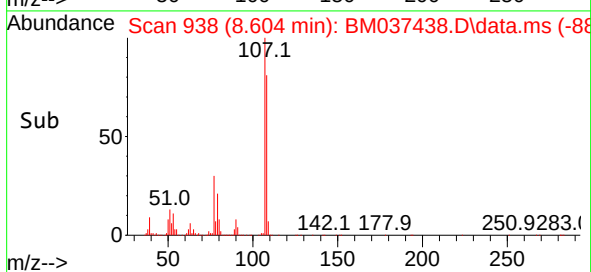
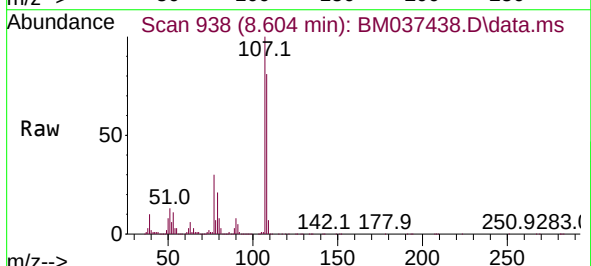
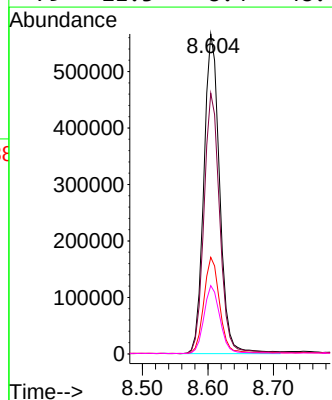
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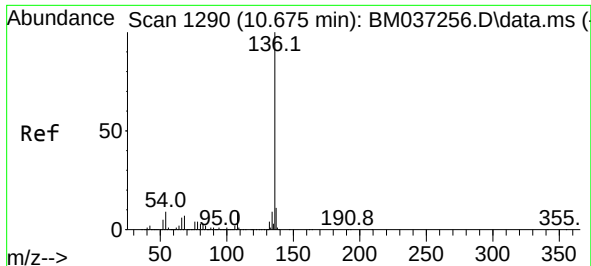
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#20
3+4-Methylphenols
Concen: 37.957 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

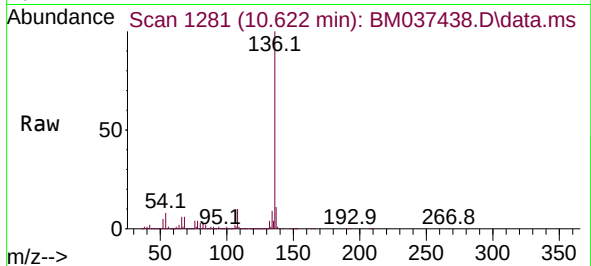
Tgt Ion:107 Resp: 946917
Ion Ratio Lower Upper
107 100
108 81.5 69.4 109.4
77 30.2 12.8 52.8
79 21.3 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

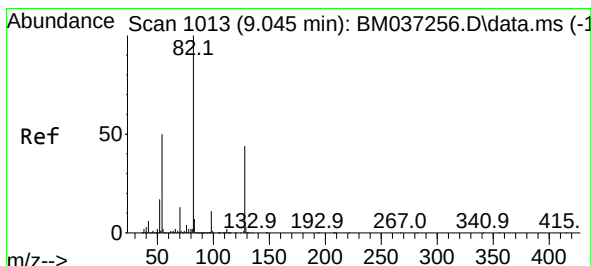
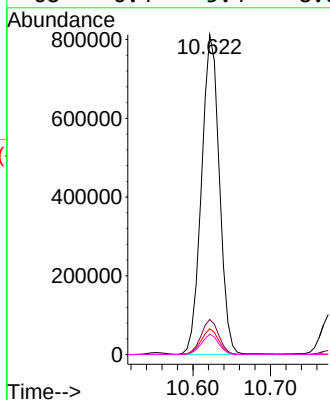
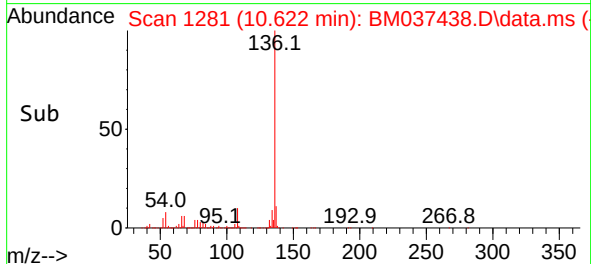
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09



Tgt Ion:136 Resp: 1297632
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.1 7.0 10.4
68 6.4 5.4 8.0

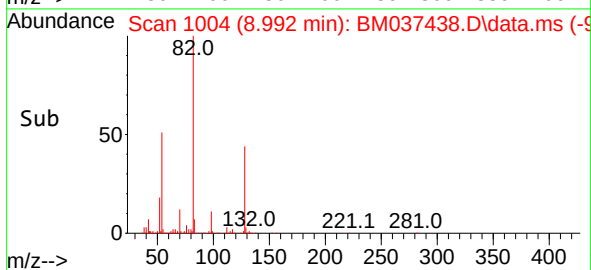
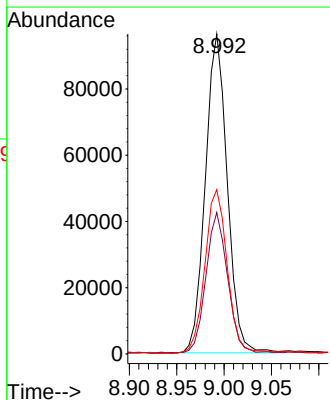
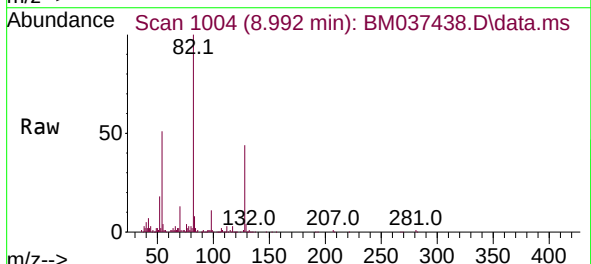
Manual Integrations
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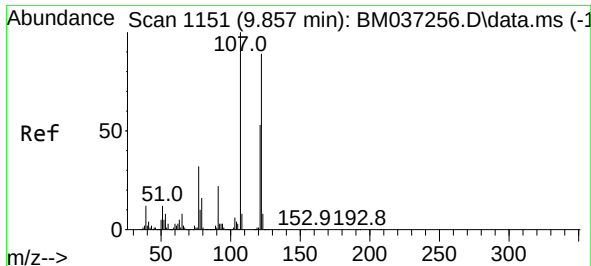
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#23
Nitrobenzene-d5
Concen: 6.025 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion: 82 Resp: 154960
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 51.3 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 91.944 ng

RT: 9.810 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BM037438.D

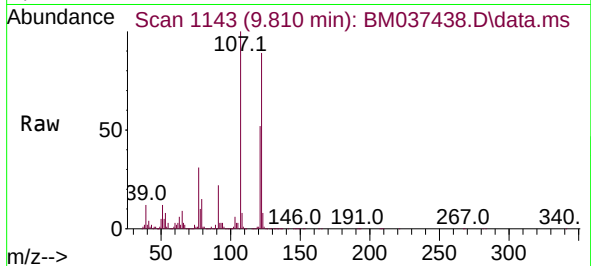
Acq: 09 Nov 2022 15:54

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-09



Tgt Ion:122 Resp: 1592863

Ion Ratio Lower Upper

122 100

107 112.6 89.7 134.5

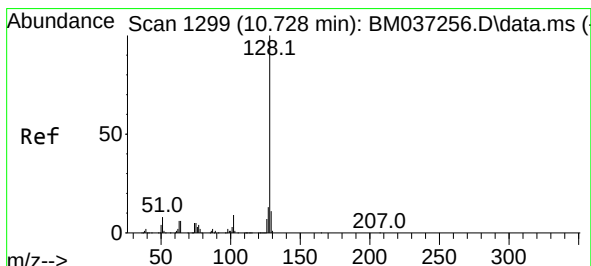
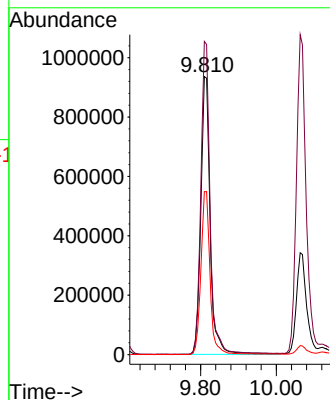
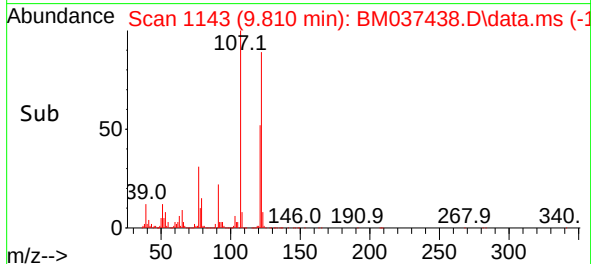
121 58.6 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022

Supervised By :mohammad ahmed 11/10/2022



#31

Naphthalene

Concen: 2.027 ng

RT: 10.675 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BM037438.D

Acq: 09 Nov 2022 15:54

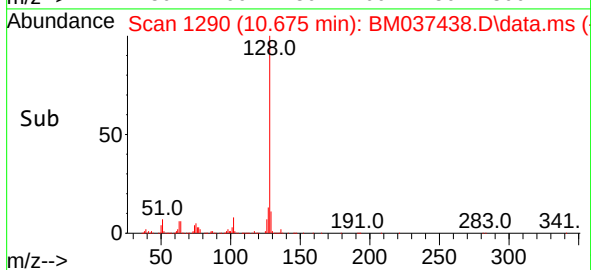
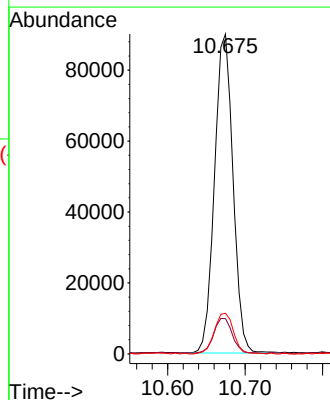
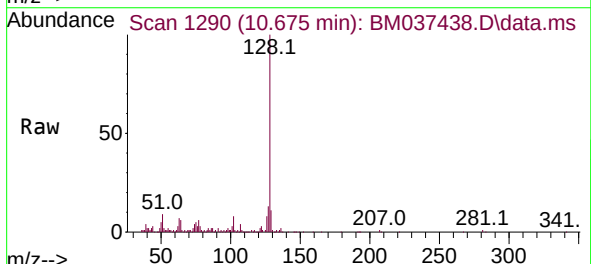
Tgt Ion:128 Resp: 148987

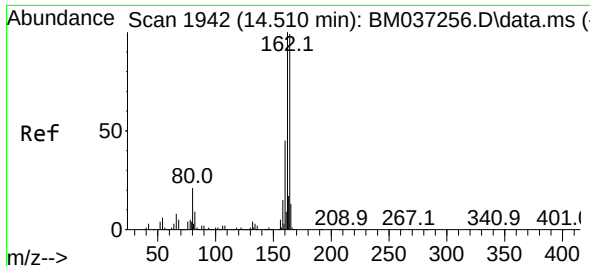
Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

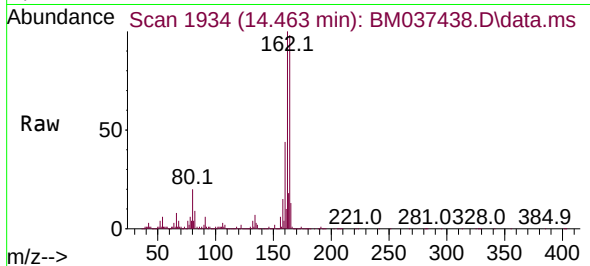
127 12.7 10.2 15.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

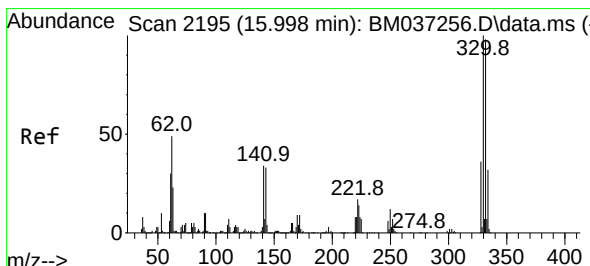
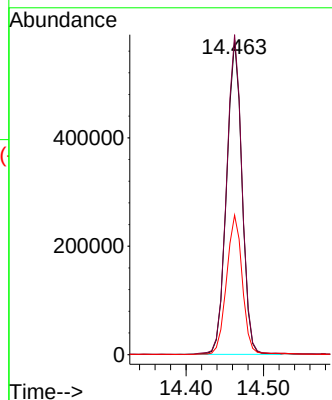
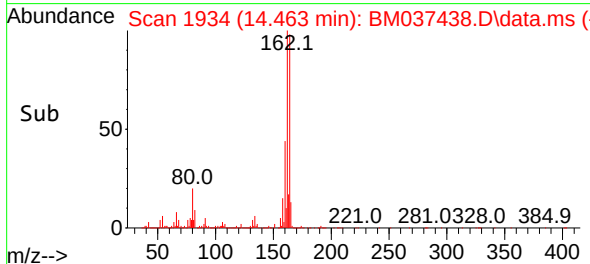
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09



Tgt Ion:164 Resp: 799703
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 44.4 36.2 54.4

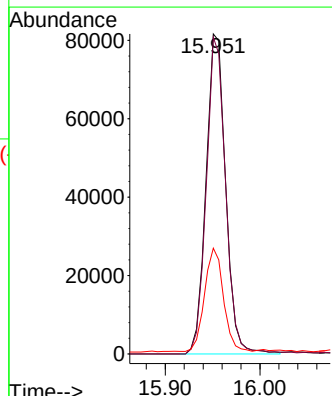
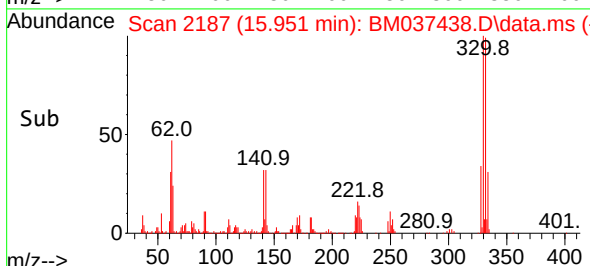
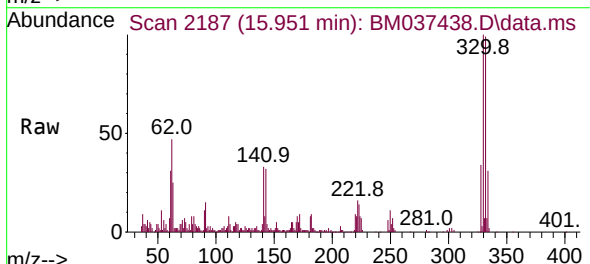
Manual Integrations
APPROVED

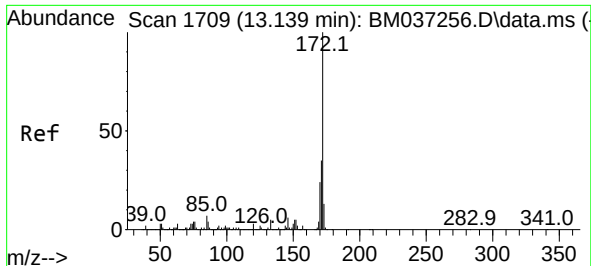
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#42
2,4,6-Tribromophenol
Concen: 12.503 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

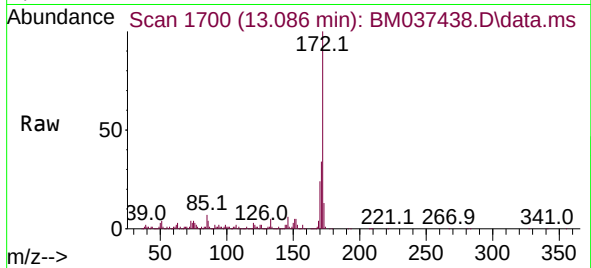
Tgt Ion:330 Resp: 117828
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 31.3 27.5 41.3





#45
2-Fluorobiphenyl
Concen: 6.560 ng
RT: 13.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

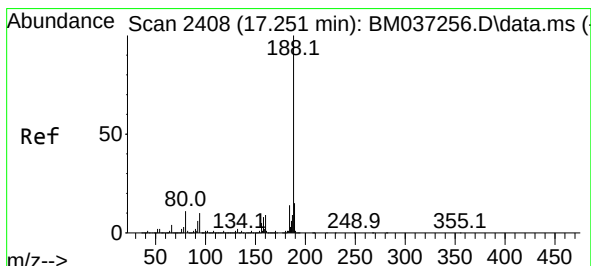
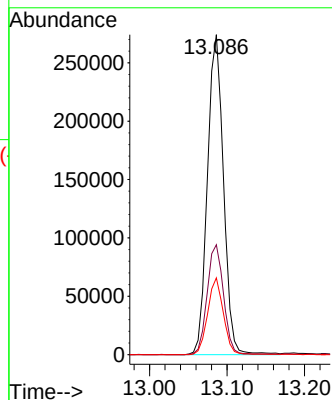
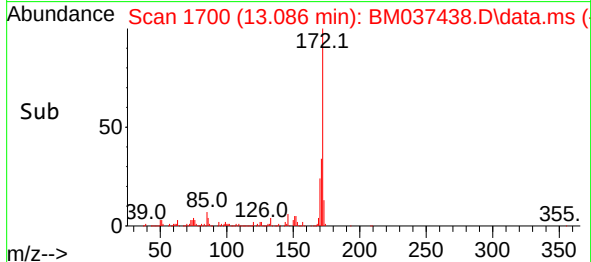
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09



Tgt Ion:172 Resp: 394825
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 24.0 19.0 28.4

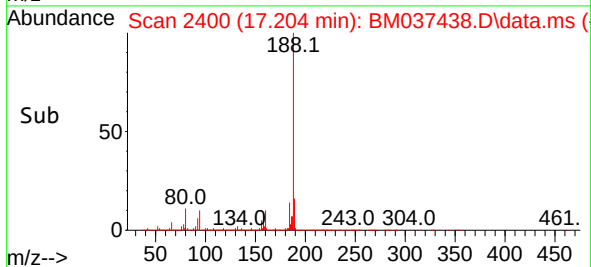
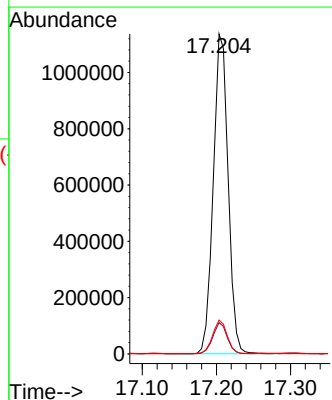
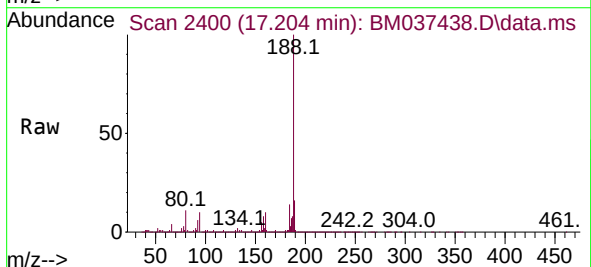
Manual Integrations
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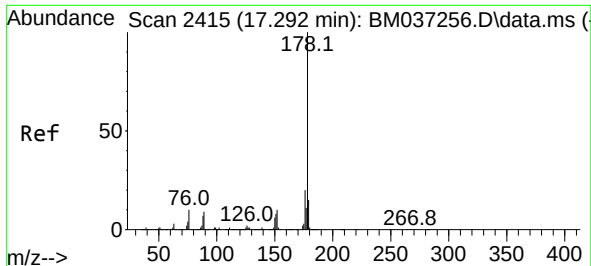
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

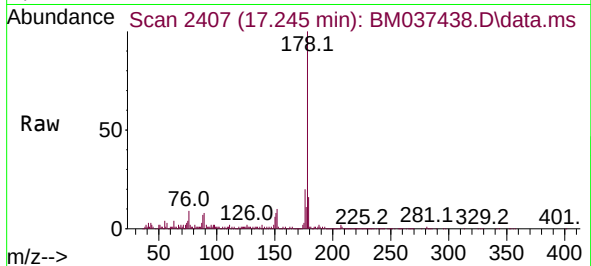
Tgt Ion:188 Resp: 1581107
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 8.5 12.7





#71
Phenanthrene
Concen: 3.175 ng
RT: 17.245 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

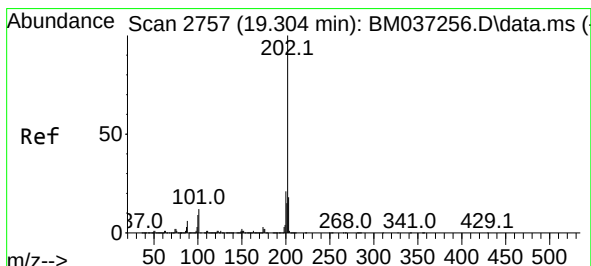
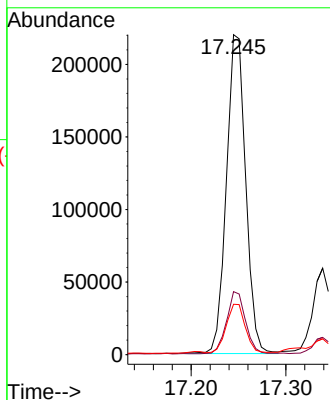
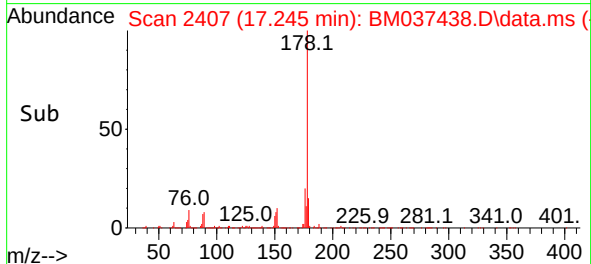
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09



Tgt Ion:178 Resp: 311446
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.4 18.6

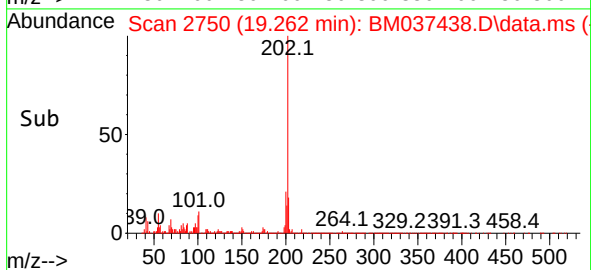
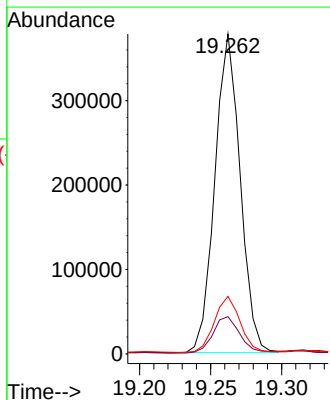
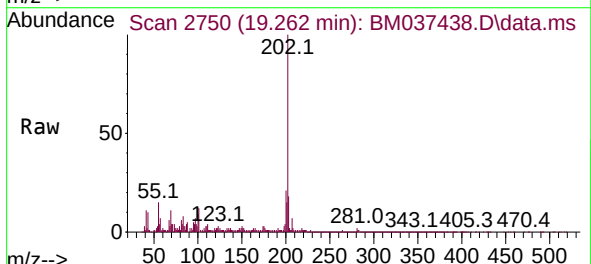
Manual Integrations
APPROVED

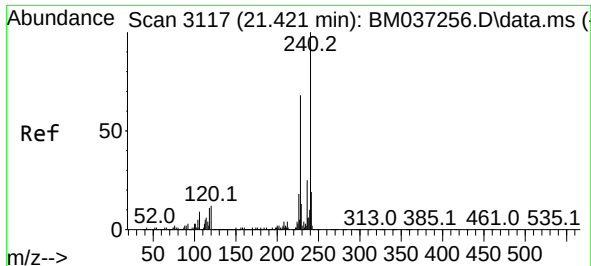
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#75
Fluoranthene
Concen: 4.519 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.000 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:202 Resp: 468614
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 18.0 0.0 37.8





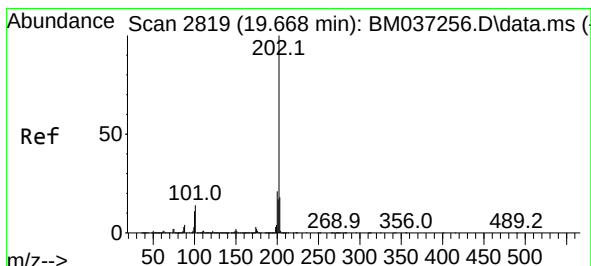
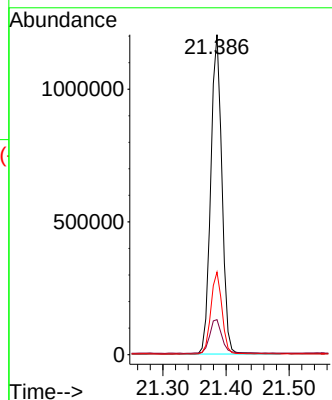
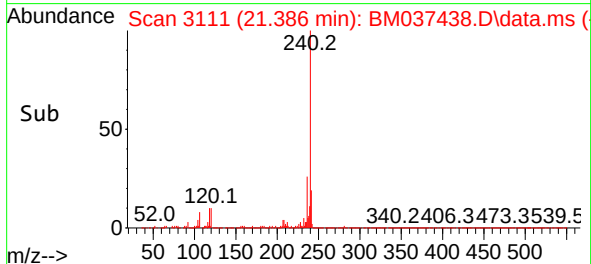
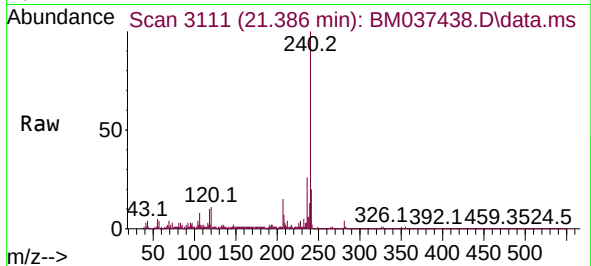
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-09

Tgt Ion:240 Resp: 1477463
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.8 20.3 30.5

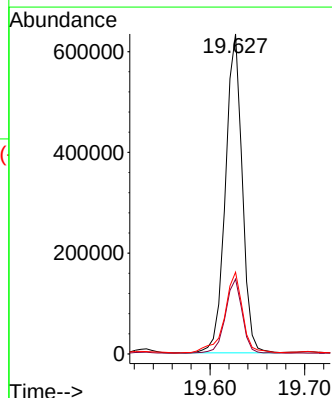
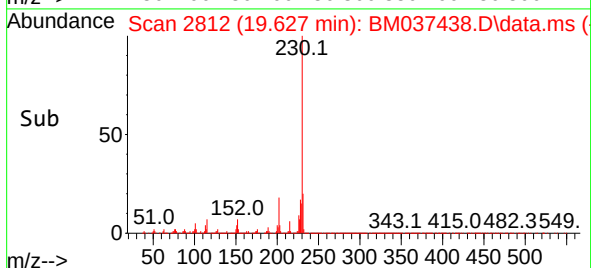
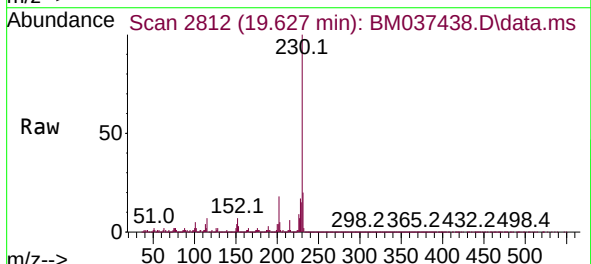
Manual Integrations
APPROVED

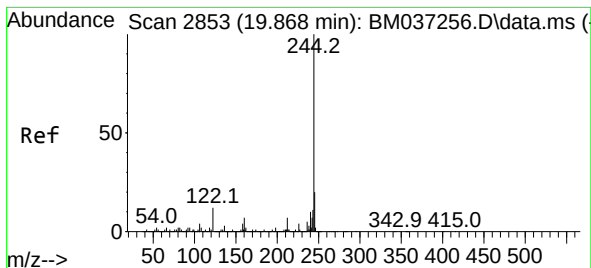
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#78
Pyrene
Concen: 6.842 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.006 min
Lab File: BM037438.D
Acq: 09 Nov 2022 15:54

Tgt Ion:202 Resp: 777284
Ion Ratio Lower Upper
202 100
200 23.4 17.0 25.6
203 25.5 14.1 21.1#





#79

Terphenyl-d14

Concen: 6.885 ng

RT: 19.827 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BM037438.D

Acq: 09 Nov 2022 15:54

Instrument :

BNA_M

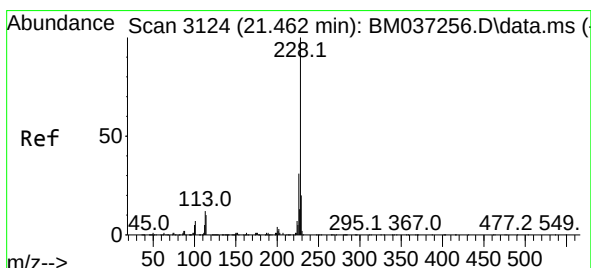
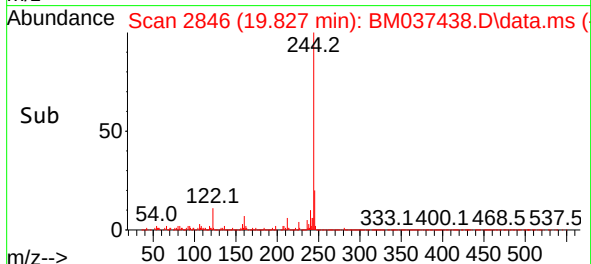
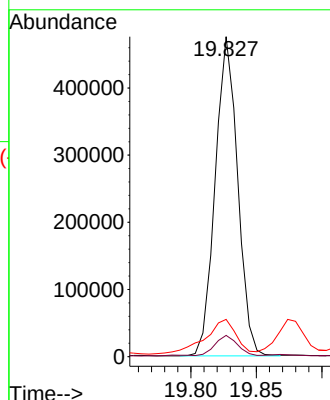
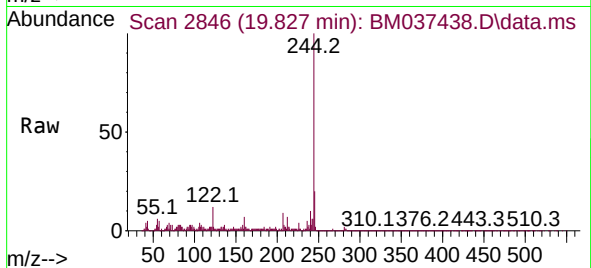
ClientSampleId :

250FERRYBLVD-TFS-09

Tgt Ion:	244	Resp:	567244
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.2
122	11.6	9.4	14.2

Manual Integrations
APPROVED

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



#83

Chrysene

Concen: 3.115 ng m

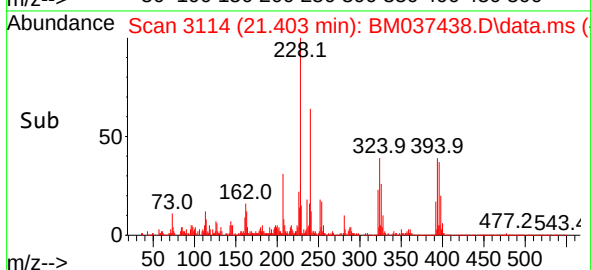
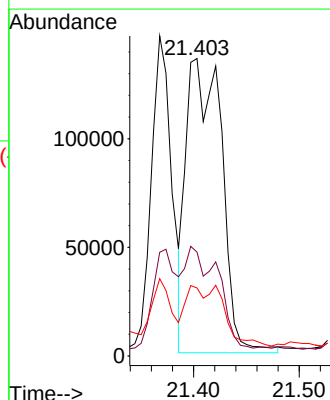
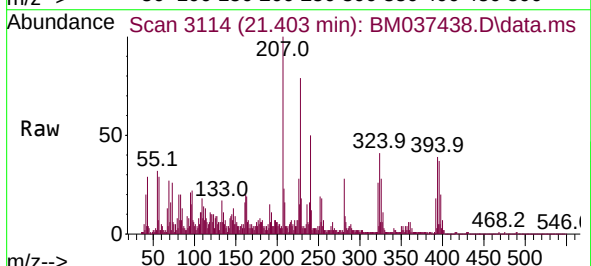
RT: 21.403 min Scan# 3114

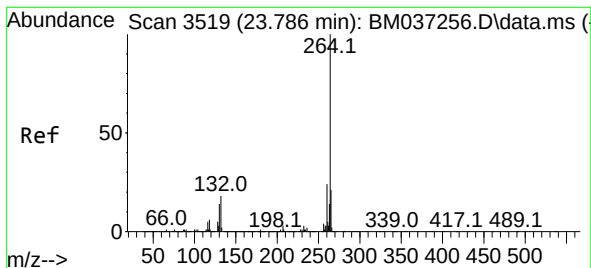
Delta R.T. -0.012 min

Lab File: BM037438.D

Acq: 09 Nov 2022 15:54

Tgt Ion:	228	Resp:	315624
Ion Ratio	Lower	Upper	
228	100		
226	34.9	24.4	36.6
229	22.9	16.0	24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3519

Delta R.T. 0.018 min

Lab File: BM037438.D

Acq: 09 Nov 2022 15:54

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-09

Tgt Ion:264 Resp: 156483

Ion Ratio Lower Upper

264 100

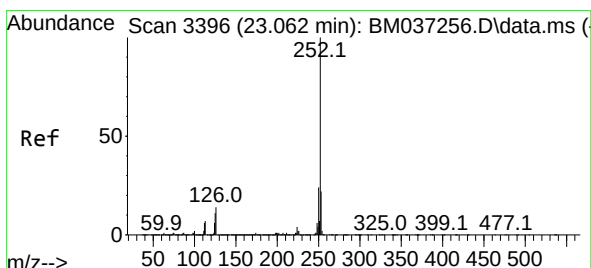
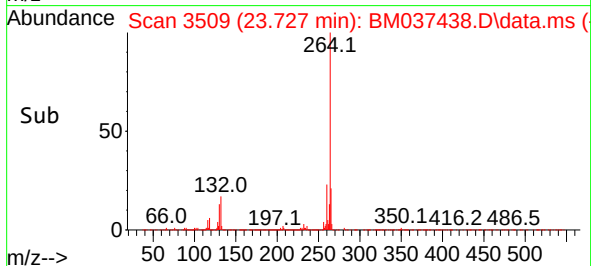
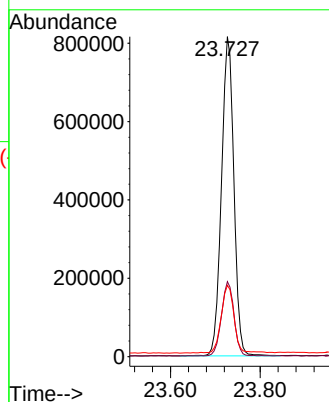
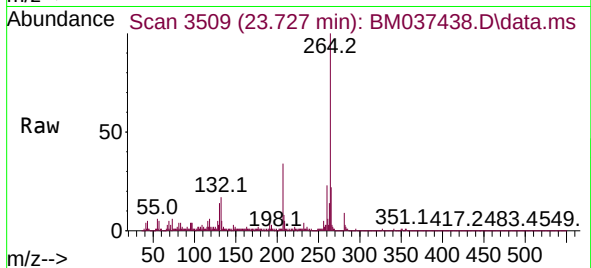
260 23.5 18.9 28.3

265 22.3 17.7 26.5

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 2.076 ng

RT: 23.015 min Scan# 3388

Delta R.T. 0.012 min

Lab File: BM037438.D

Acq: 09 Nov 2022 15:54

Tgt Ion:252 Resp: 225531

Ion Ratio Lower Upper

252 100

253 28.2 17.8 26.6#

125 22.0 9.1 13.7#

