

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037439.D
 Acq On : 09 Nov 2022 16:29
 Operator : CG/JU
 Sample : N5436-13 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-13

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 05:48:31 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	292710	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1156808	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	729634	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1523860	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1454936	20.000	ng	0.00
86) Perylene-d12	23.727	264	1540966	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	223400	13.186	ng	0.00
7) Phenol-d6	7.004	99	269224	11.708	ng	0.00
23) Nitrobenzene-d5	8.992	82	164743	7.185	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	126672	14.732	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	405827	7.390	ng	0.00
79) Terphenyl-d14	19.827	244	641731	7.910	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.610	107	71778	3.103	ng	90
27) 2,4-Dimethylphenol	9.810	122	90194	5.840	ng	95
31) Naphthalene	10.675	128	156341	2.385	ng	98
71) Phenanthrene	17.245	178	404773	4.281	ng	99
75) Fluoranthene	19.262	202	588538	5.889	ng	99
78) Pyrene	19.627	202	925100	8.269	ng	# 91
81) Benzo(a)anthracene	21.368	228	244595	2.361	ng	95
83) Chrysene	21.421	228	353808m	3.545	ng	
88) Benzo(b)fluoranthene	23.015	252	283179	2.647	ng	# 89
90) Benzo(a)pyrene	23.621	252	210253	2.412	ng	# 87

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

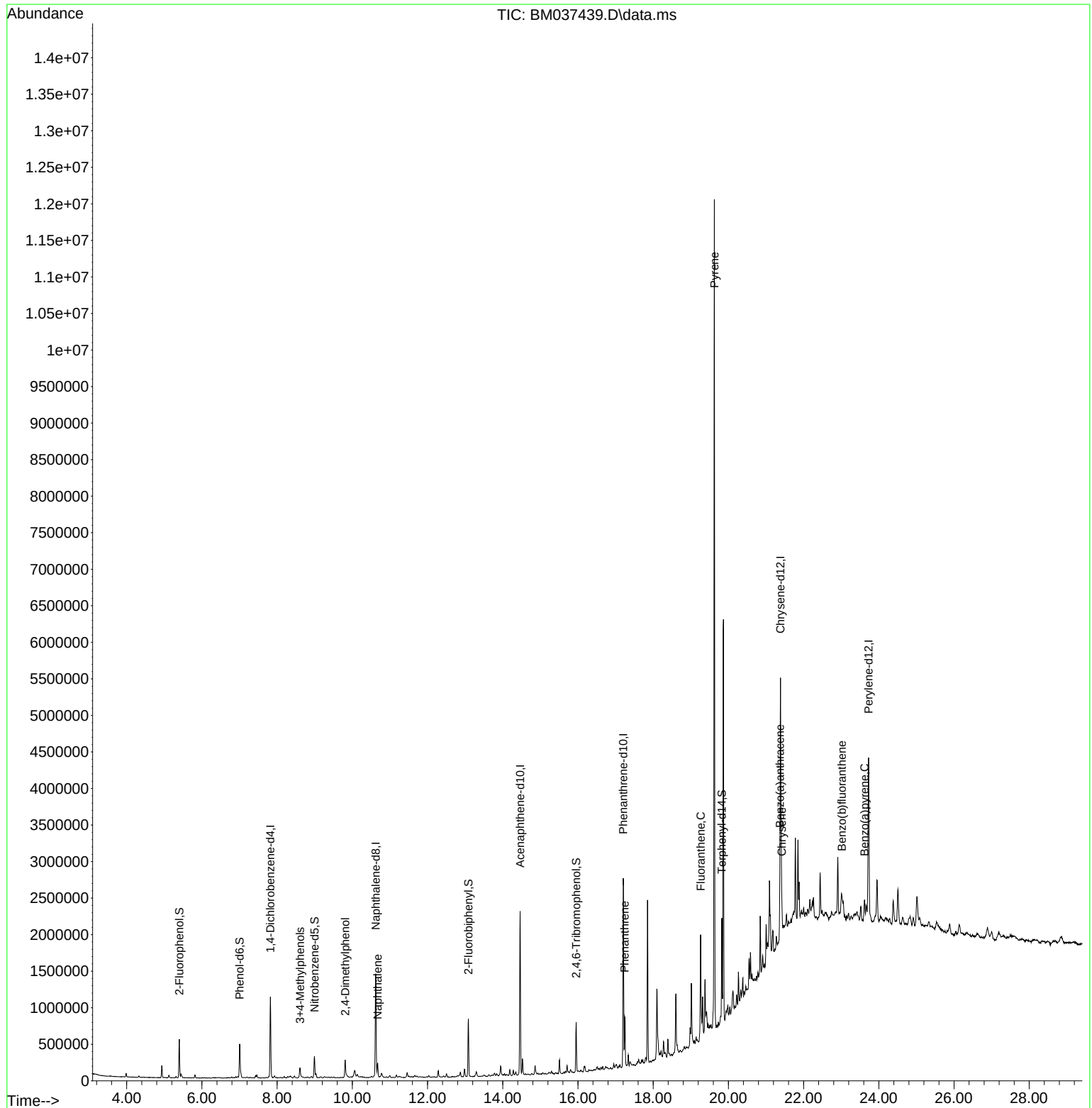
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037439.D
Acq On : 09 Nov 2022 16:29
Operator : CG/JU
Sample : N5436-13 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

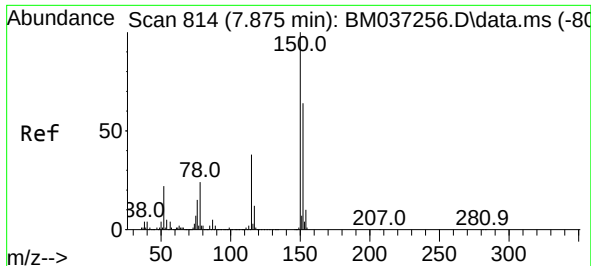
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

Manual Integrations
APPROVED

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

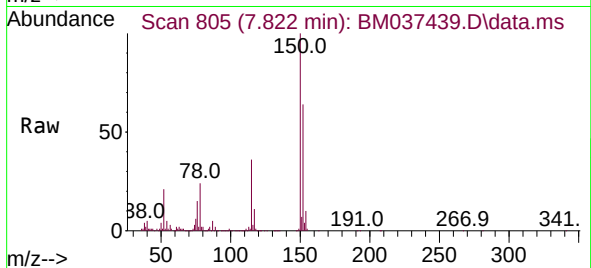
Quant Time: Nov 10 05:48:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 02:08:14 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

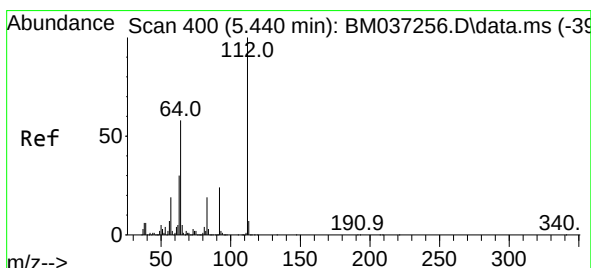
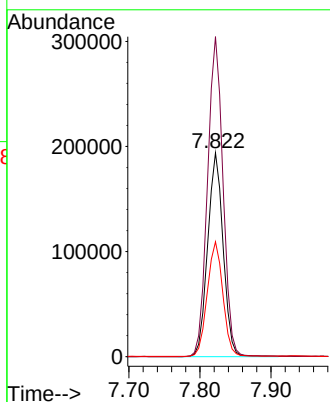
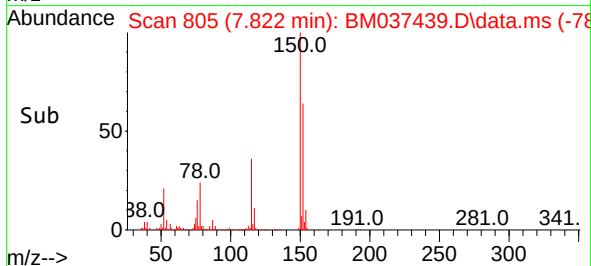
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13



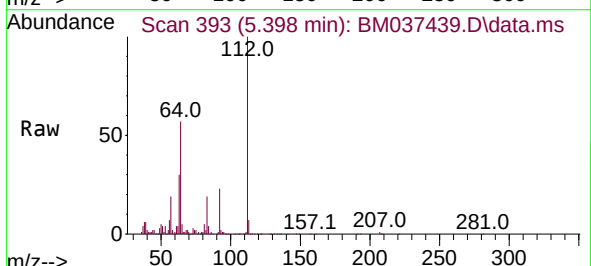
Tgt Ion:152 Resp: 292710
Ion Ratio Lower Upper
152 100
150 157.1 124.8 187.2
115 56.3 47.0 70.4

Manual Integrations
APPROVED

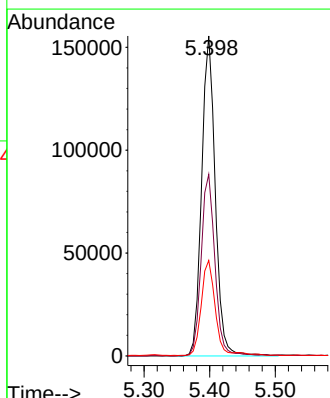
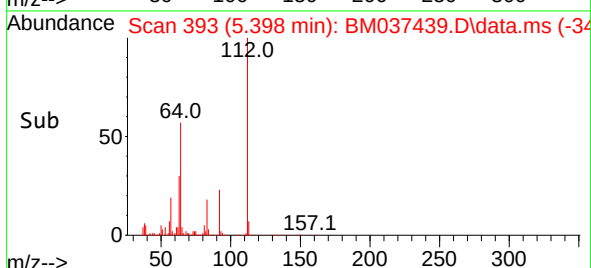
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

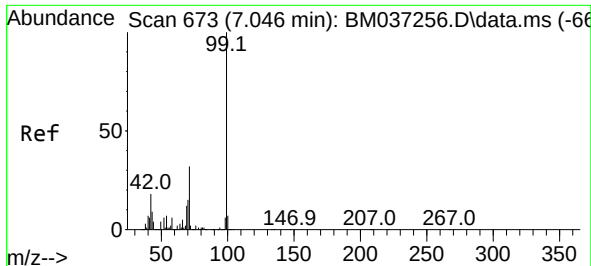


#5
2-Fluorophenol
Concen: 13.186 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29



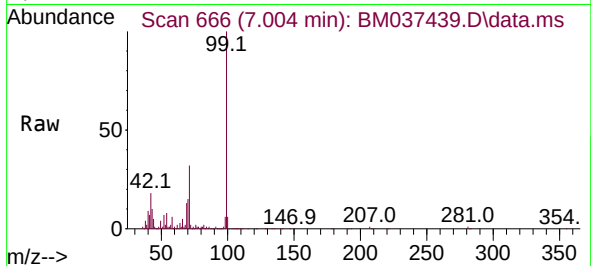
Tgt Ion:112 Resp: 223400
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.8 24.4 36.6





#7
Phenol-d6
Concen: 11.708 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

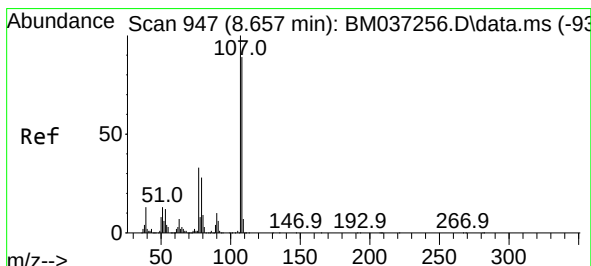
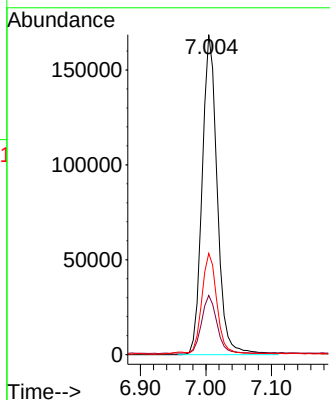
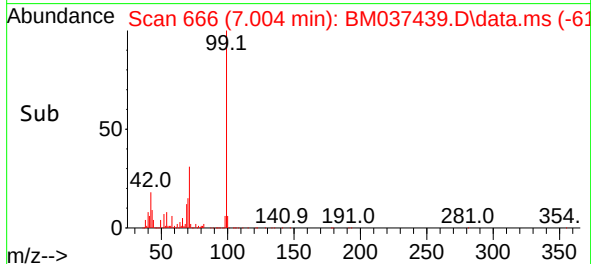
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13



Tgt Ion: 99 Resp: 269224
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 31.6 25.6 38.4

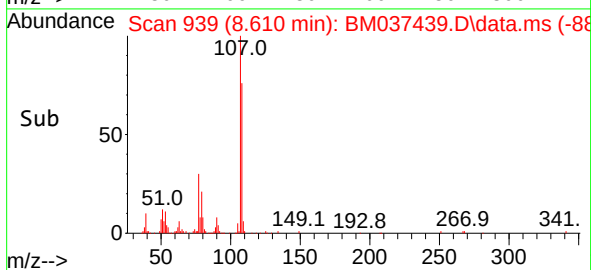
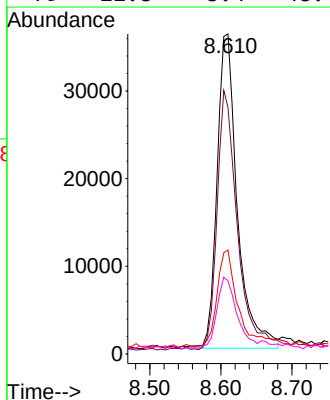
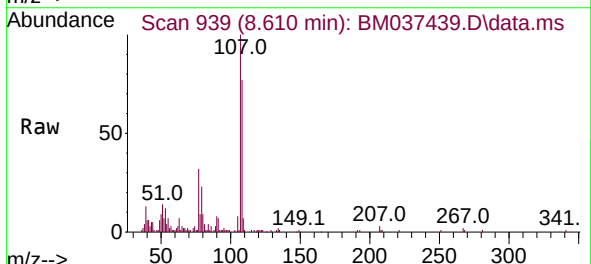
Manual Integrations
APPROVED

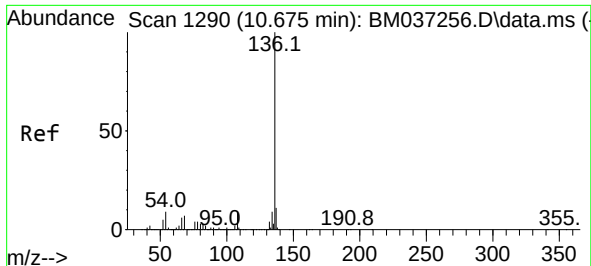
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#20
3+4-Methylphenols
Concen: 3.103 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

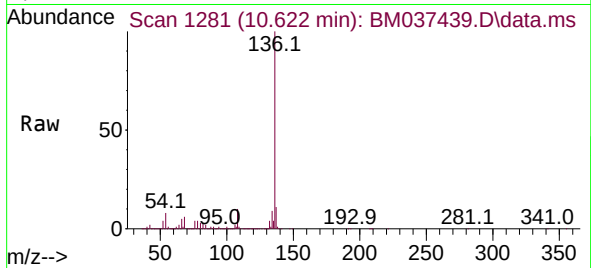
Tgt Ion:107 Resp: 71778
Ion Ratio Lower Upper
107 100
108 77.1 69.4 109.4
77 32.5 12.8 52.8
79 22.8 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

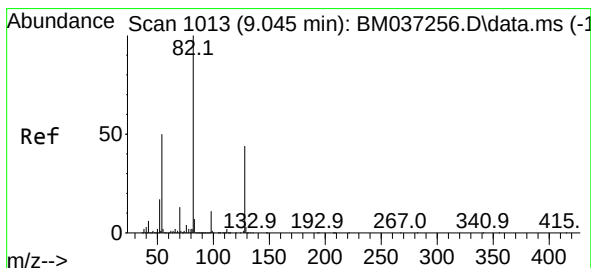
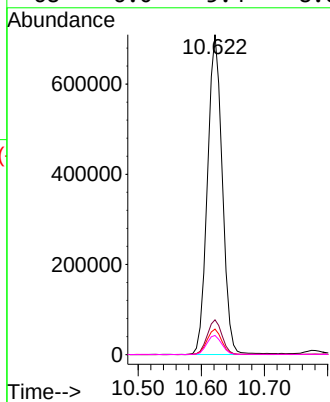
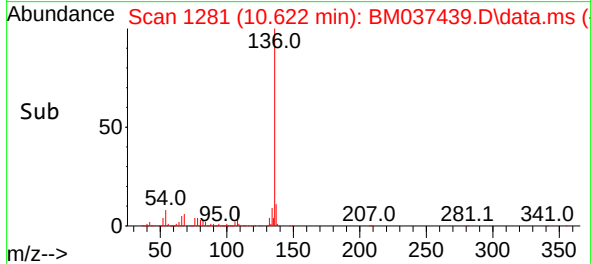
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13



Tgt Ion:136 Resp: 1156808
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 7.0 10.4
68 6.0 5.4 8.0

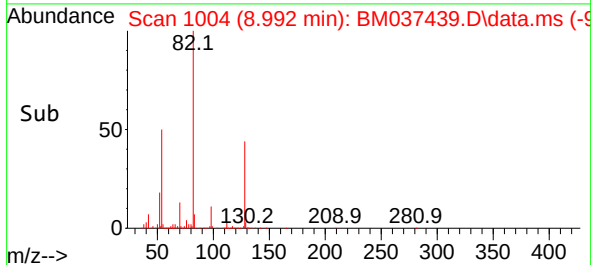
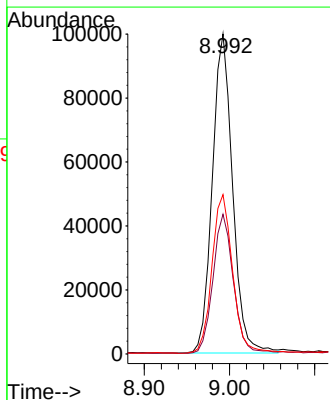
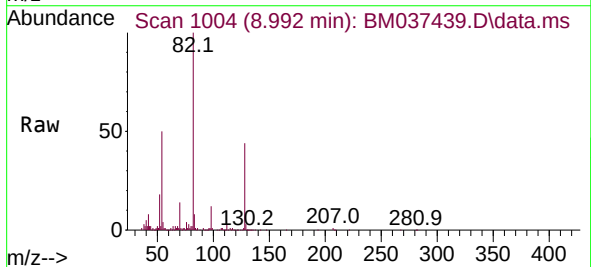
Manual Integrations
APPROVED

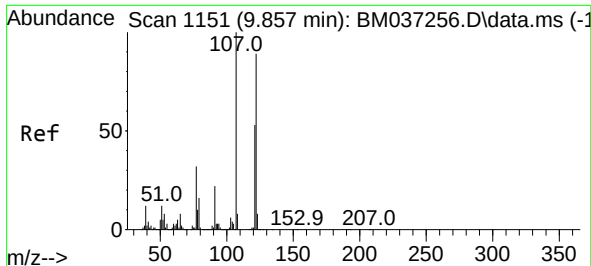
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#23
Nitrobenzene-d5
Concen: 7.185 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion: 82 Resp: 164743
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 49.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 5.840 ng

RT: 9.810 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

ClientSampleId :

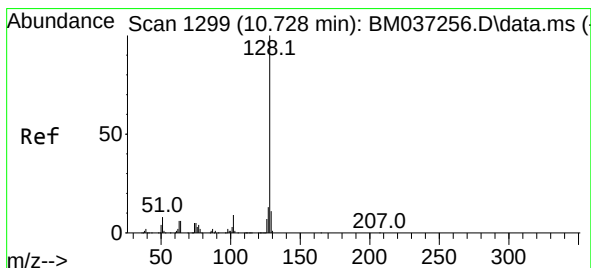
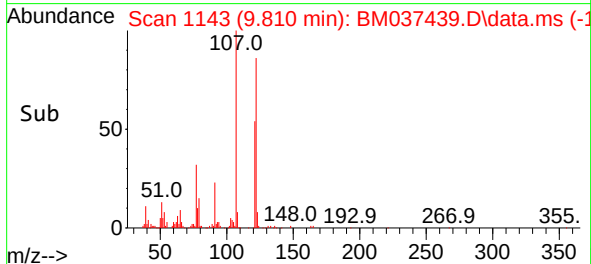
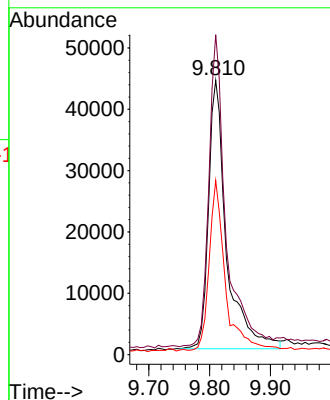
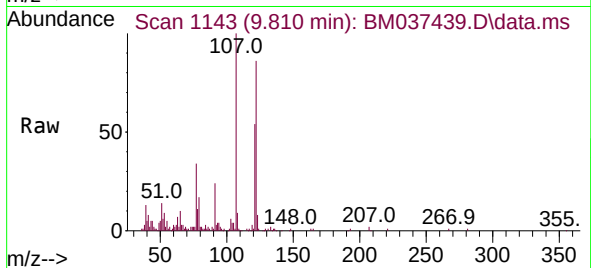
250FERRYBLVD-TFS-13

Tgt Ion:	122	Resp:	90194
Ion Ratio	Lower	Upper	
122	100		
107	116.7	89.7	134.5
121	63.4	47.1	70.7

Manual Integrations

APPROVED

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



#31

Naphthalene

Concen: 2.385 ng

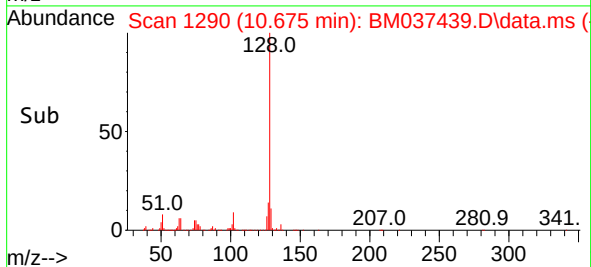
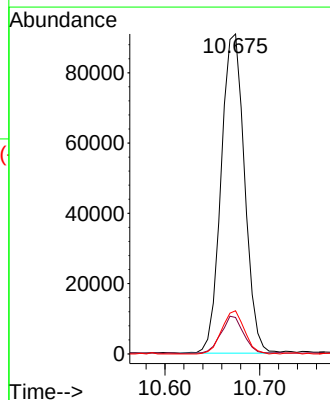
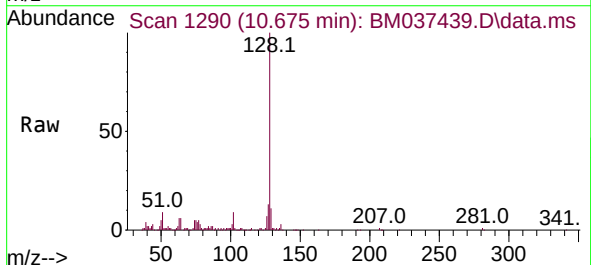
RT: 10.675 min Scan# 1290

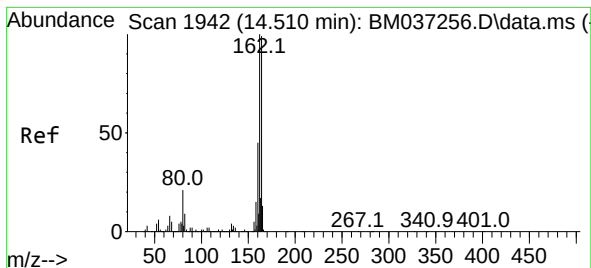
Delta R.T. -0.000 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Tgt Ion:	128	Resp:	156341
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.7	13.1
127	13.5	10.2	15.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 19

Delta R.T. -0.000 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

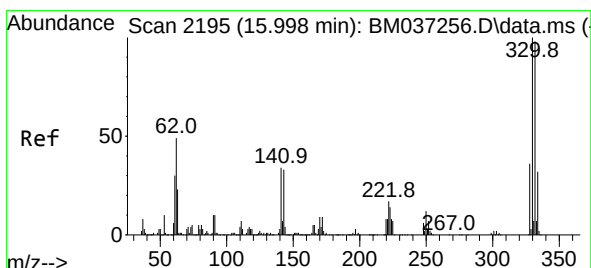
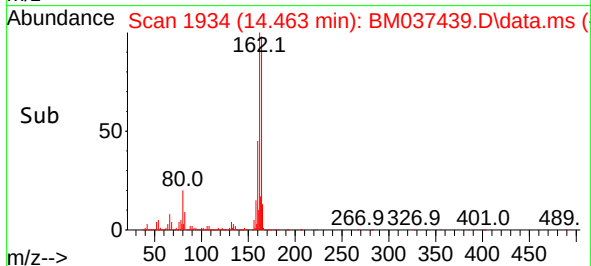
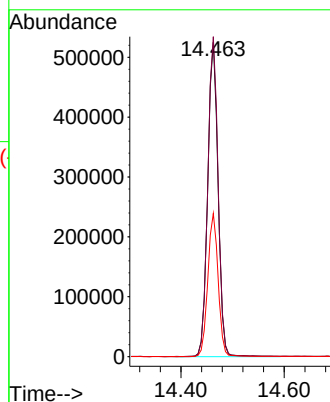
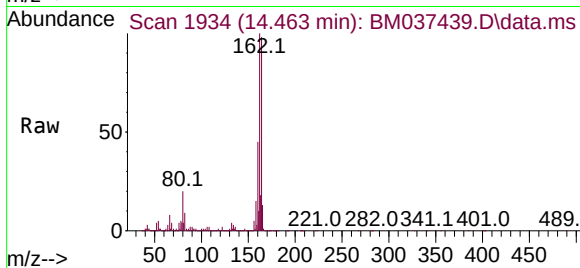
ClientSampleId :

250FERRYBLVD-TFS-13

Tgt Ion:164 Resp: 729634
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 120.8
 160 45.6 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: 14.732 ng

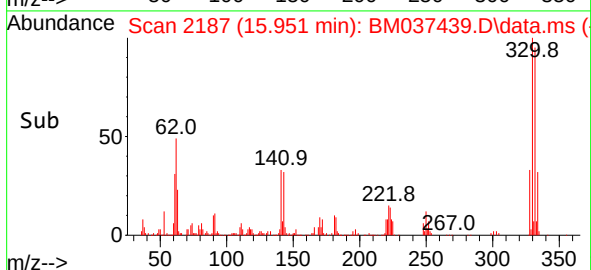
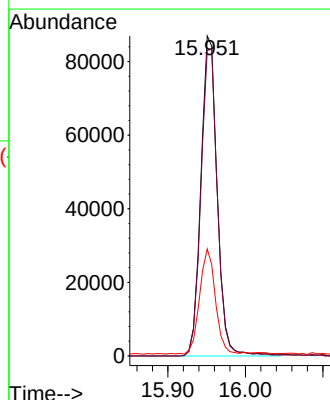
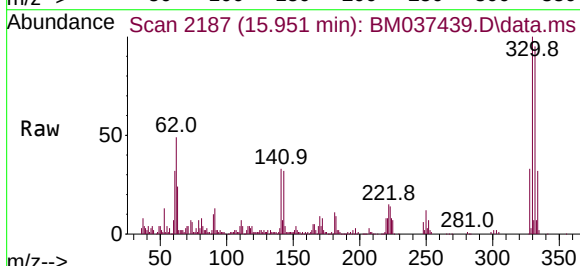
RT: 15.951 min Scan# 2187

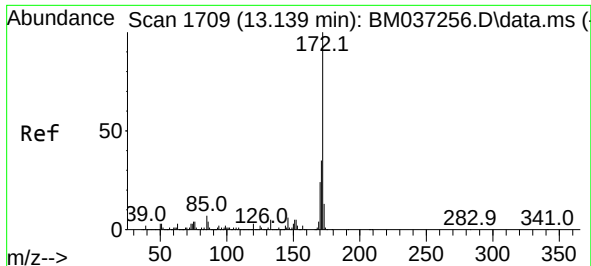
Delta R.T. -0.006 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

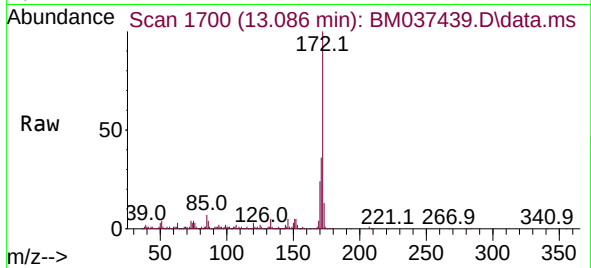
Tgt Ion:330 Resp: 126672
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.0 117.0
 141 31.8 27.5 41.3





#45
2-Fluorobiphenyl
Concen: 7.390 ng
RT: 13.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

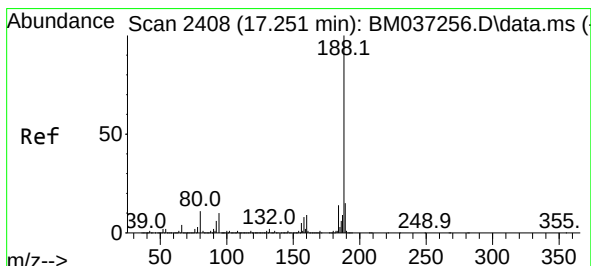
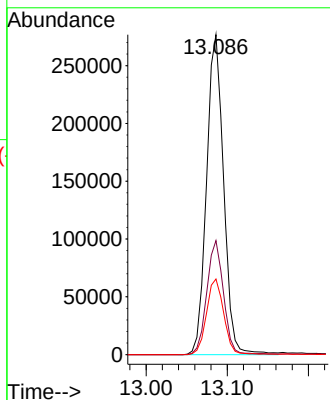
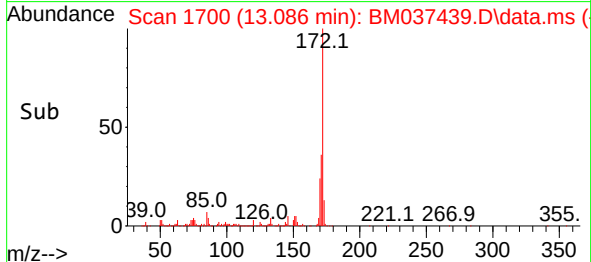
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13



Tgt Ion:172 Resp: 405827
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.6 19.0 28.4

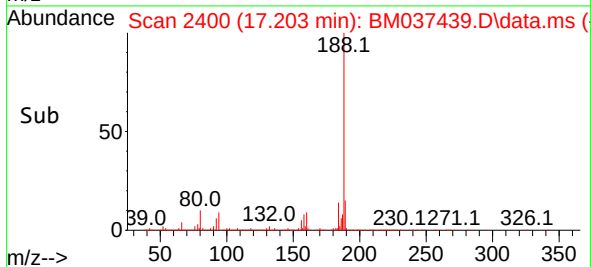
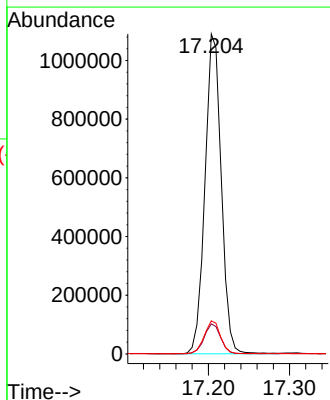
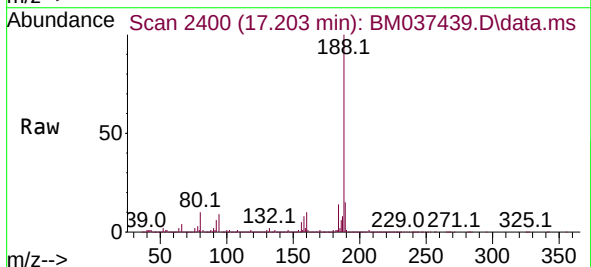
Manual Integrations
APPROVED

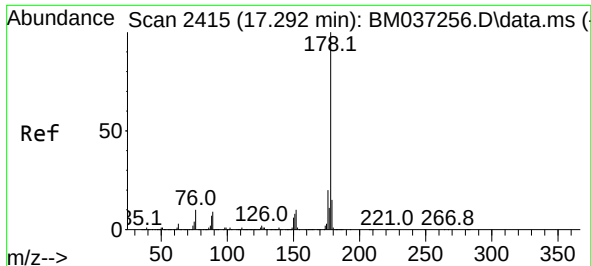
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:188 Resp: 1523860
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 8.5 12.7





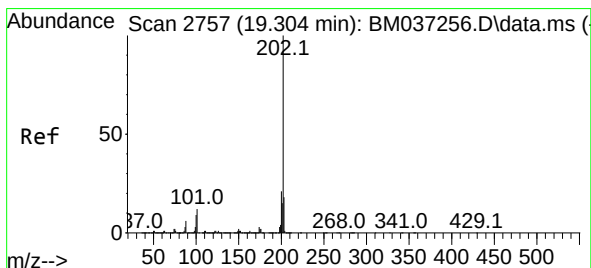
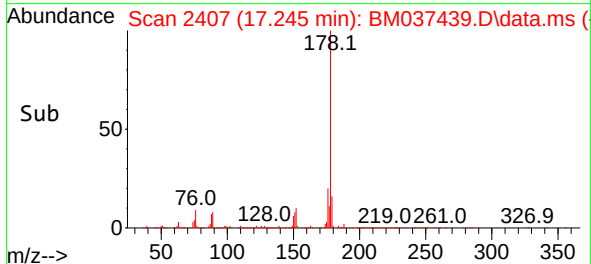
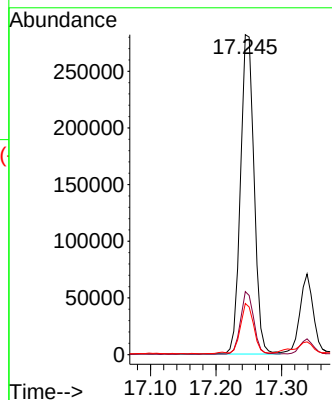
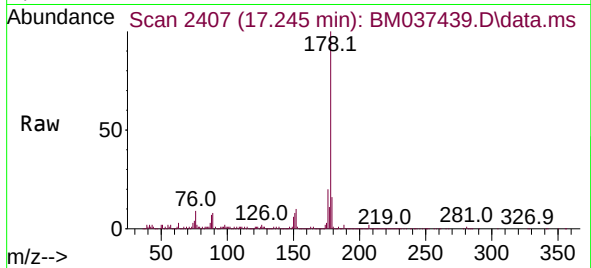
#71
Phenanthrene
Concen: 4.281 ng
RT: 17.245 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

Tgt Ion:178 Resp: 404773
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.4 18.6

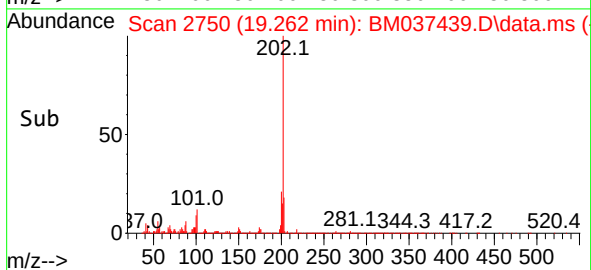
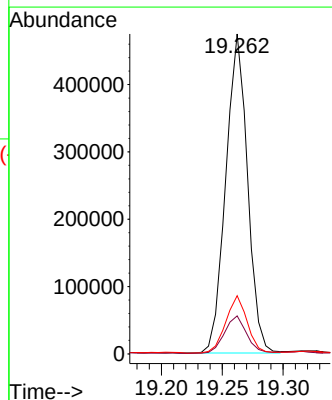
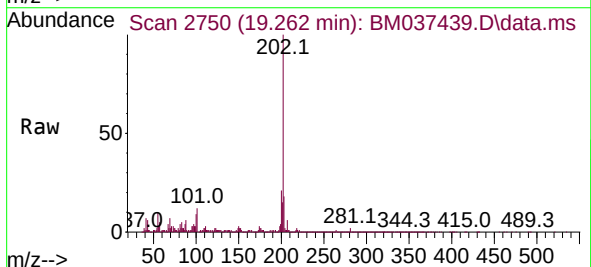
Manual Integrations
APPROVED

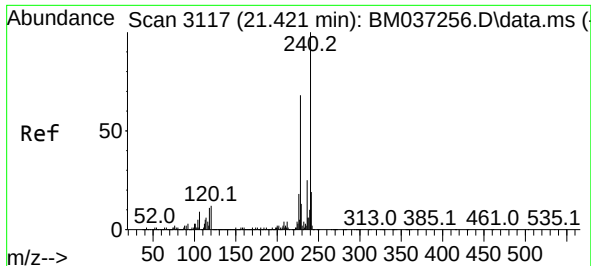
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#75
Fluoranthene
Concen: 5.889 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.000 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Tgt Ion:202 Resp: 588538
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.4
203 18.2 0.0 37.8





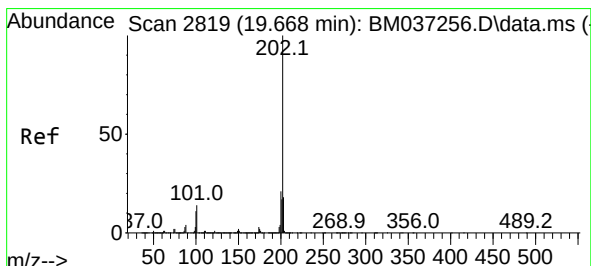
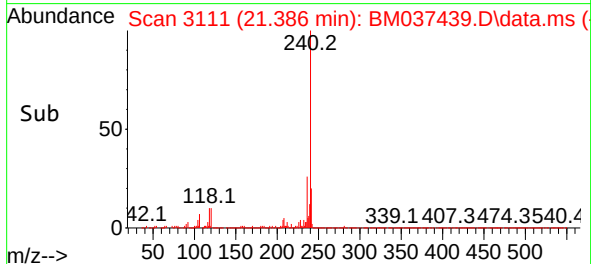
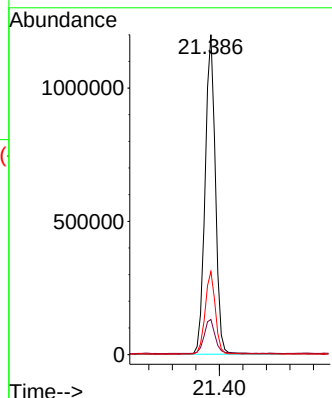
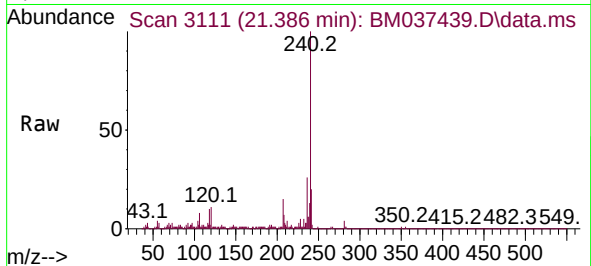
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-13

Tgt Ion:240 Resp: 1454936
Ion Ratio Lower Upper
240 100
120 11.0 9.9 14.9
236 26.0 20.3 30.5

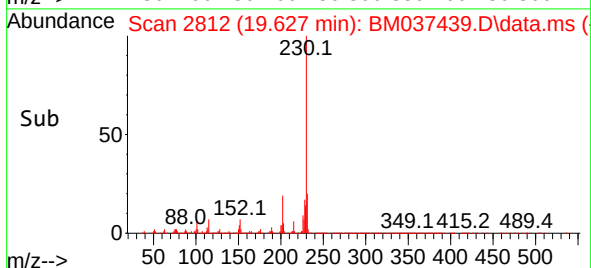
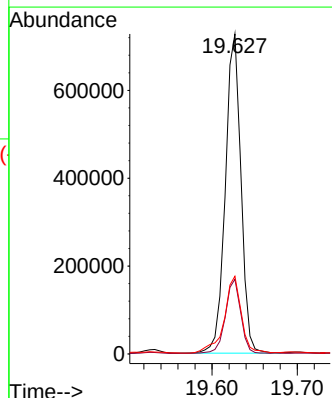
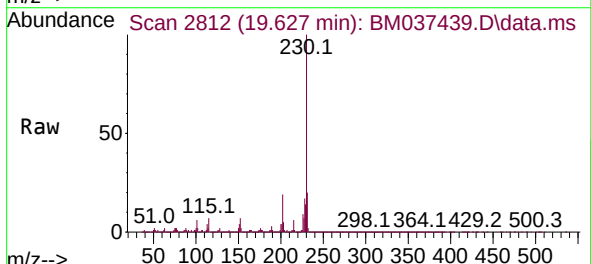
Manual Integrations
APPROVED

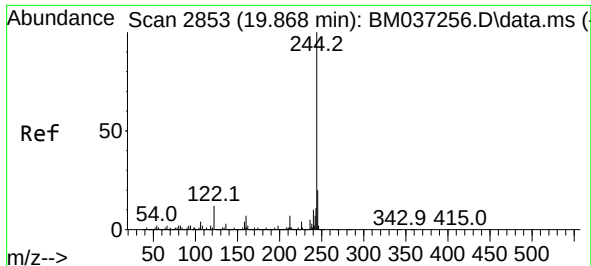
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#78
Pyrene
Concen: 8.269 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.006 min
Lab File: BM037439.D
Acq: 09 Nov 2022 16:29

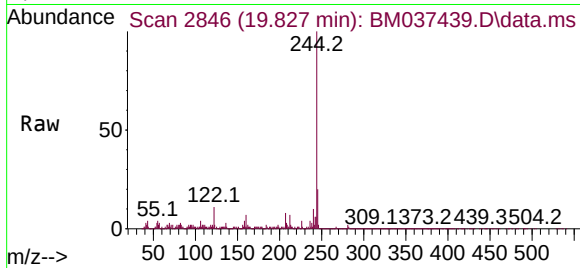
Tgt Ion:202 Resp: 925100
Ion Ratio Lower Upper
202 100
200 23.3 17.0 25.6
203 24.3 14.1 21.1#





#79
 Terphenyl-d14
 Concen: 7.910 ng
 RT: 19.827 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BM037439.D
 Acq: 09 Nov 2022 16:29

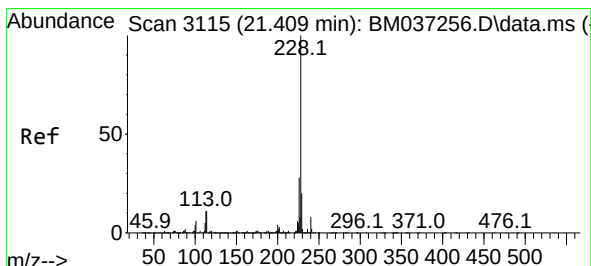
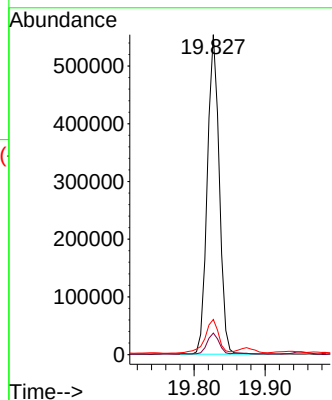
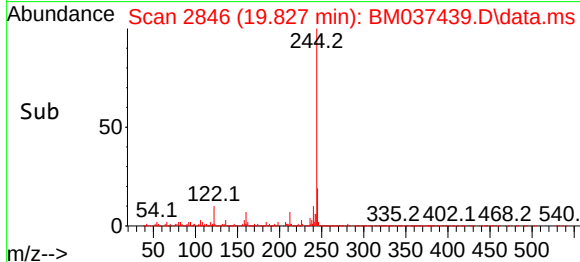
Instrument : BNA_M
 ClientSampleId : 250FERRYBLVD-TFS-13



Tgt Ion:244 Resp: 641731
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.0 9.4 14.2

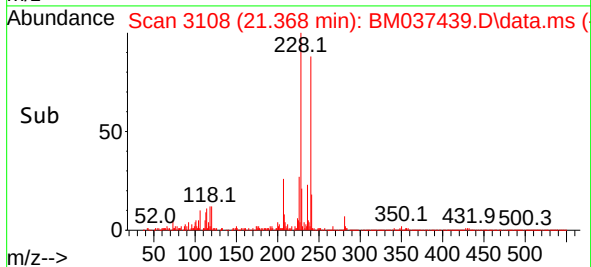
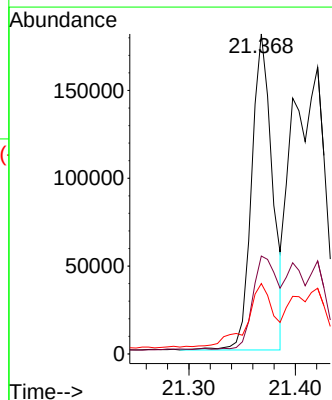
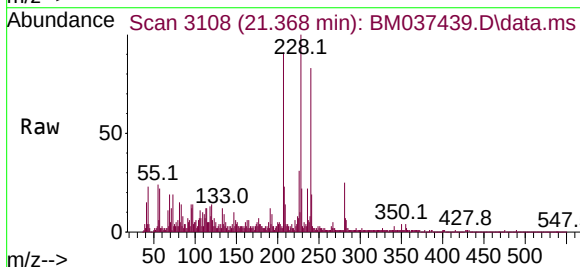
Manual Integrations
 APPROVED

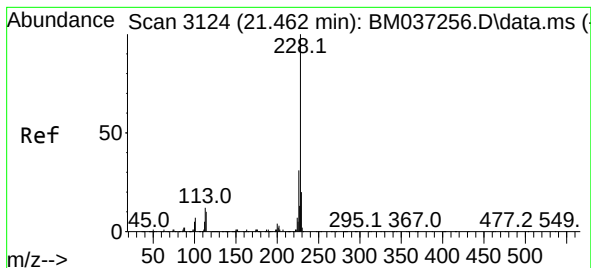
Reviewed By :Christian Giraldo 11/10/2022
 Supervised By :mohammad ahmed 11/10/2022



#81
 Benzo(a)anthracene
 Concen: 2.361 ng
 RT: 21.368 min Scan# 3108
 Delta R.T. 0.006 min
 Lab File: BM037439.D
 Acq: 09 Nov 2022 16:29

Tgt Ion:228 Resp: 244595
 Ion Ratio Lower Upper
 228 100
 226 30.6 22.3 33.5
 229 22.0 16.2 24.2





#83

Chrysene

Concen: 3.545 ng m

RT: 21.421 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

ClientSampleId :

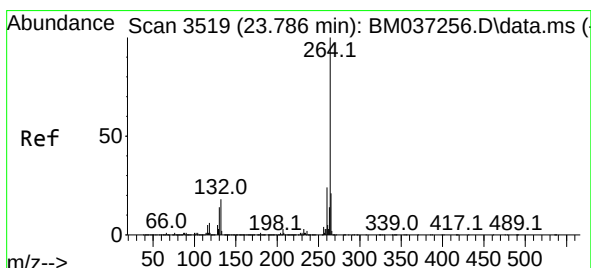
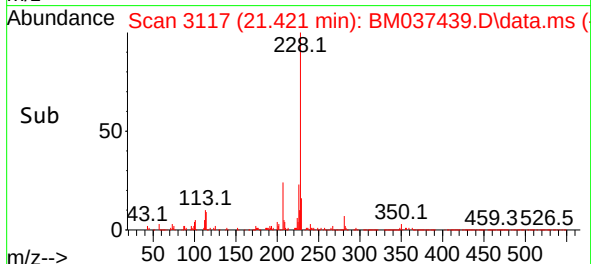
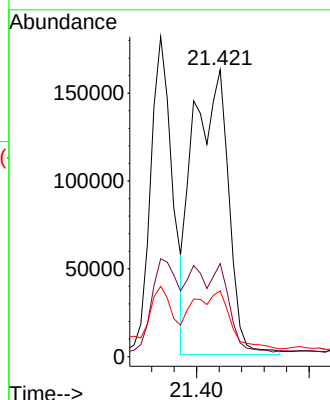
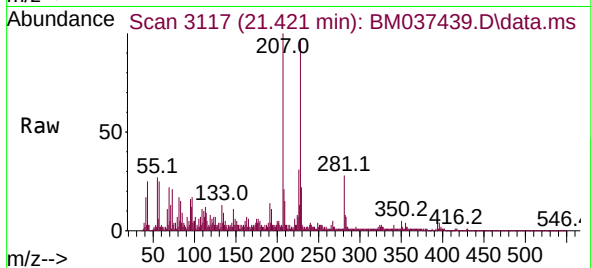
250FERRYBLVD-TFS-13

Tgt Ion:	228	Resp:	353808
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.4	36.6
229	22.9	16.0	24.0

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

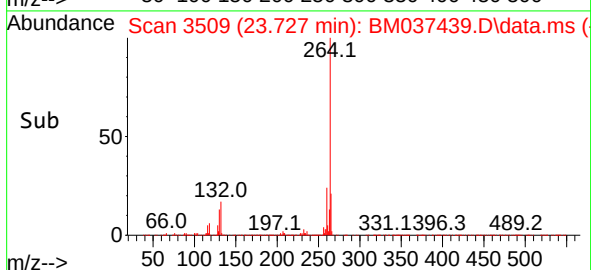
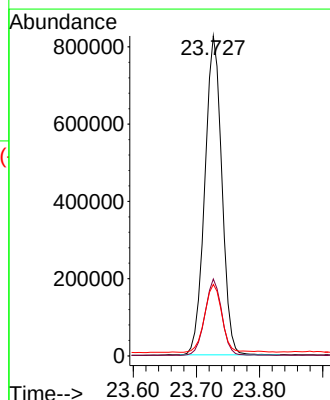
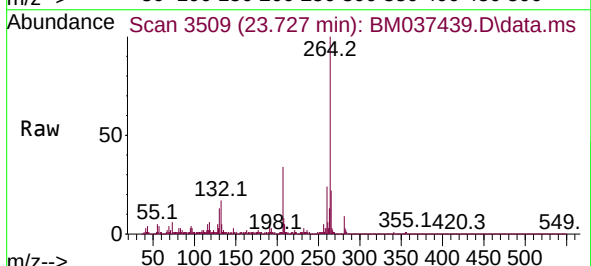
RT: 23.727 min Scan# 3509

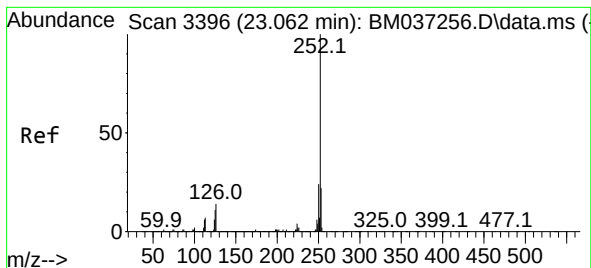
Delta R.T. 0.018 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Tgt Ion:	264	Resp:	1540966
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	22.3	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.647 ng

RT: 23.015 min Scan# 341

Delta R.T. 0.012 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Instrument :

BNA_M

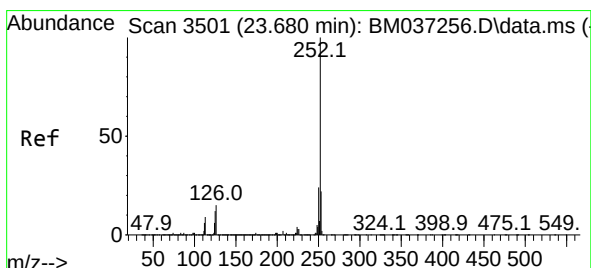
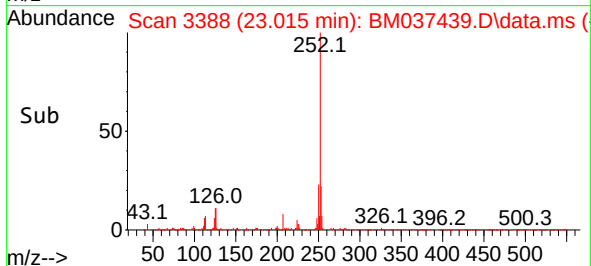
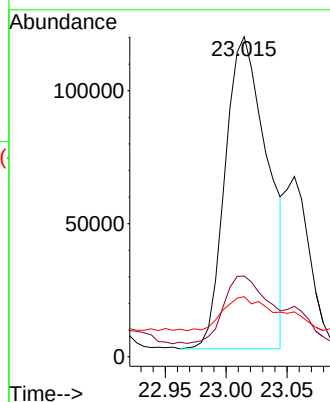
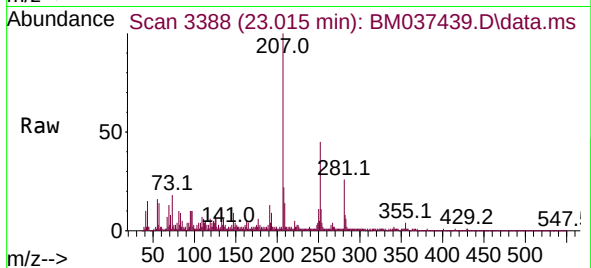
ClientSampleId :

250FERRYBLVD-TFS-13

Tgt Ion:252 Resp: 283179
 Ion Ratio Lower Upper
 252 100
 253 25.2 17.8 26.6
 125 18.7 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: 2.412 ng

RT: 23.621 min Scan# 3491

Delta R.T. 0.012 min

Lab File: BM037439.D

Acq: 09 Nov 2022 16:29

Tgt Ion:252 Resp: 210253
 Ion Ratio Lower Upper
 252 100
 253 26.6 17.4 26.2#
 125 19.1 9.9 14.9#

