

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
 Data File : BM037440.D
 Acq On : 09 Nov 2022 17:05
 Operator : CG/JU
 Sample : N5436-04 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-04

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 05:48:48 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	278469	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1090143	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	689114	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1465068	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1418139	20.000	ng	0.00
86) Perylene-d12	23.727	264	1496282	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	143841	8.924	ng	0.00
7) Phenol-d6	7.004	99	170100	7.776	ng	0.00
23) Nitrobenzene-d5	8.992	82	101701	4.707	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	79602	9.802	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	252402	4.867	ng	0.00
79) Terphenyl-d14	19.827	244	407961	5.159	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.810	122	37598	2.583	ng	93
52) Acenaphthene	14.521	154	118752	2.796	ng	99
58) Fluorene	15.509	166	156639	2.869	ng	97
71) Phenanthrene	17.245	178	742070	8.164	ng	99
75) Fluoranthene	19.262	202	537387	5.593	ng	99
78) Pyrene	19.627	202	676520	6.204	ng	# 93
83) Chrysene	21.421	228	245465m	2.524	ng	
88) Benzo(b)fluoranthene	23.009	252	209177	2.014	ng	# 88

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

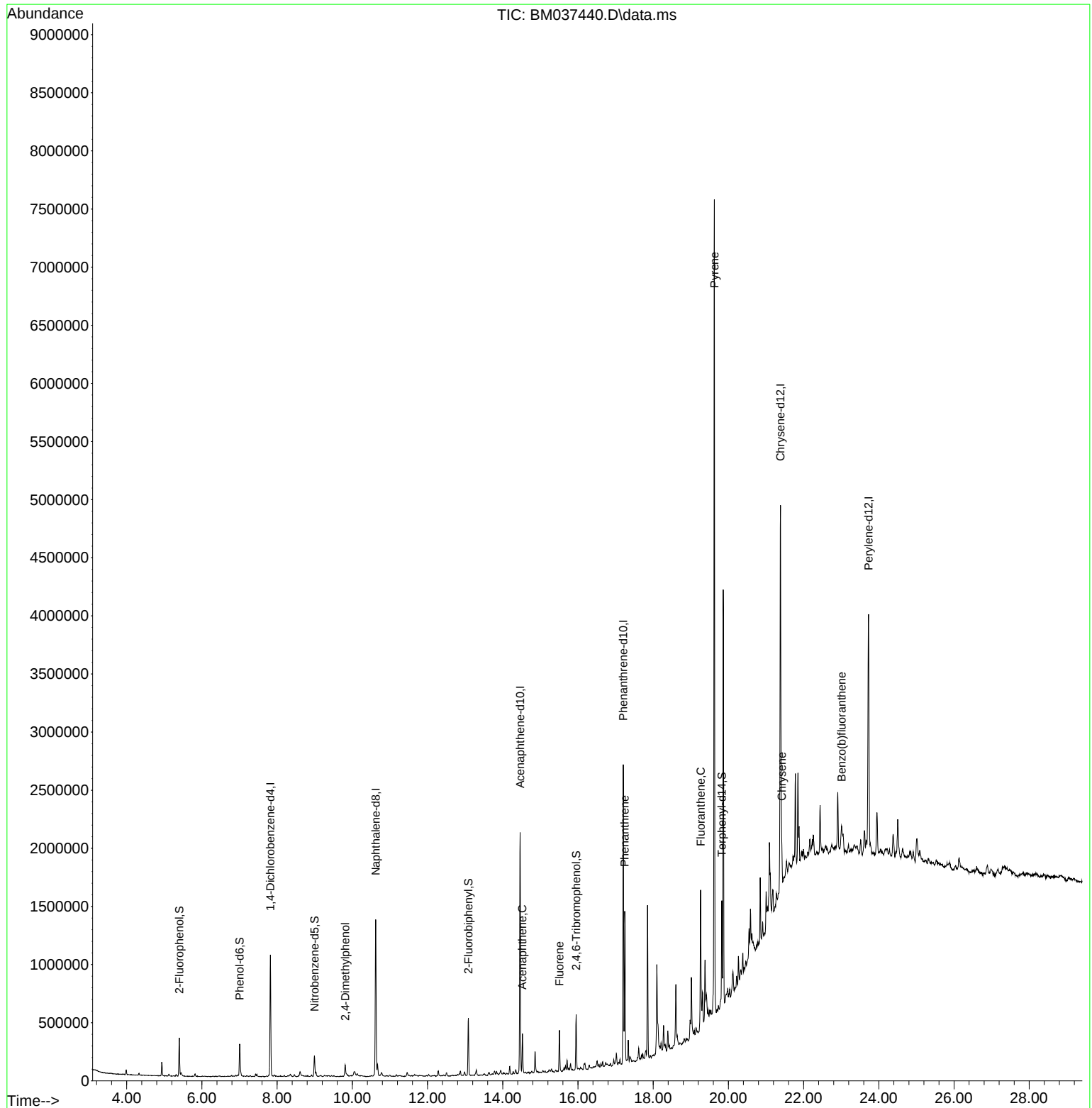
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037440.D
Acq On : 09 Nov 2022 17:05
Operator : CG/JU
Sample : N5436-04 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

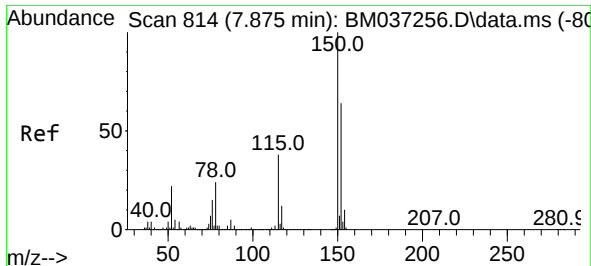
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04

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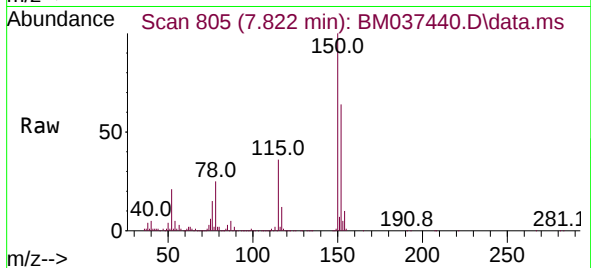
Quant Time: Nov 10 05:48:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 02:08:14 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

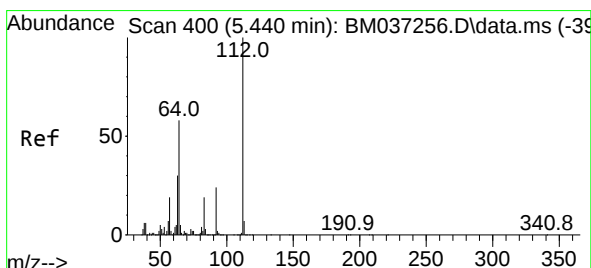
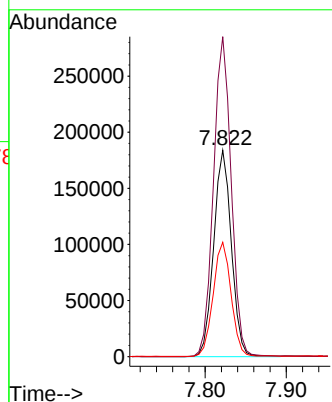
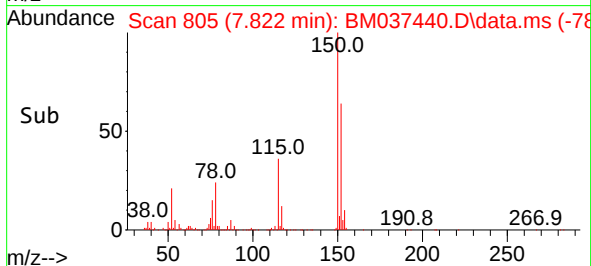
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



Tgt Ion:152 Resp: 278469
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 55.4 47.0 70.4

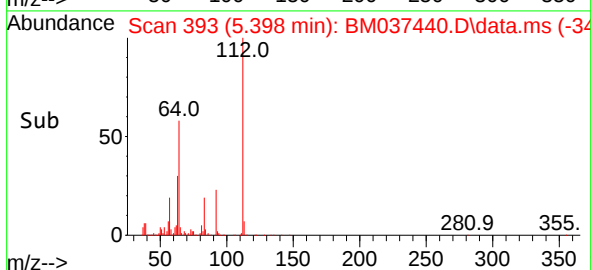
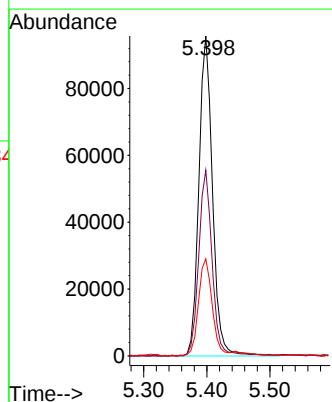
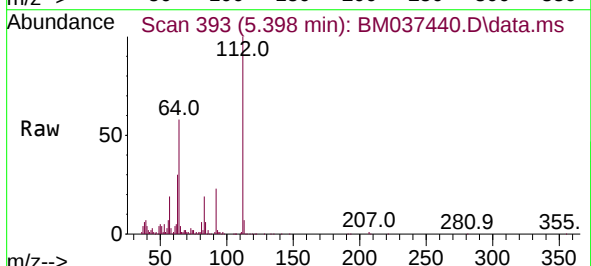
Manual Integrations
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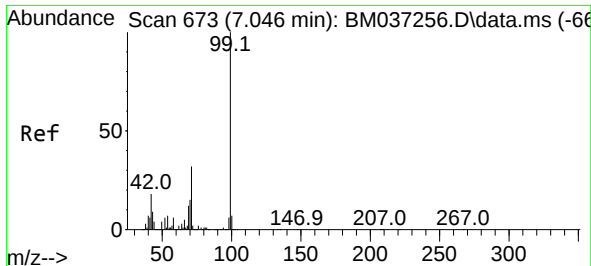
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#5
2-Fluorophenol
Concen: 8.924 ng
RT: 5.398 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

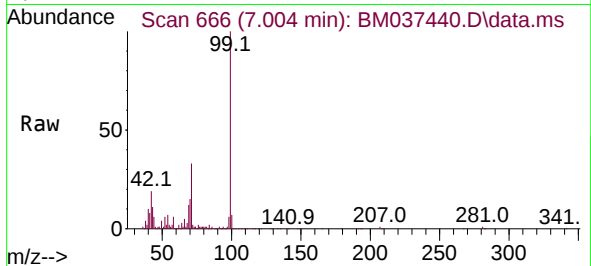
Tgt Ion:112 Resp: 143841
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.3 24.4 36.6





#7
Phenol-d6
Concen: 7.776 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

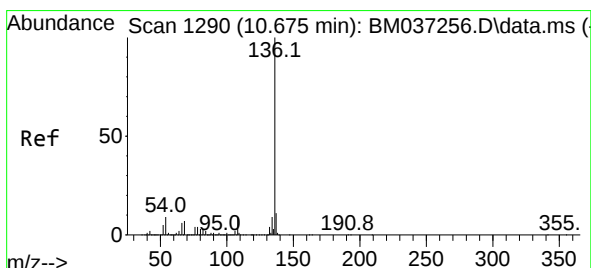
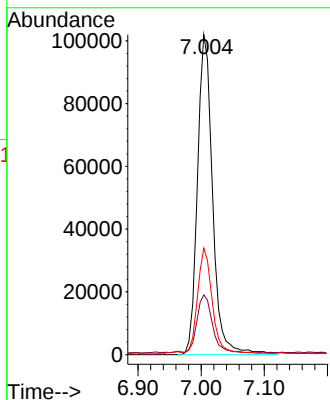
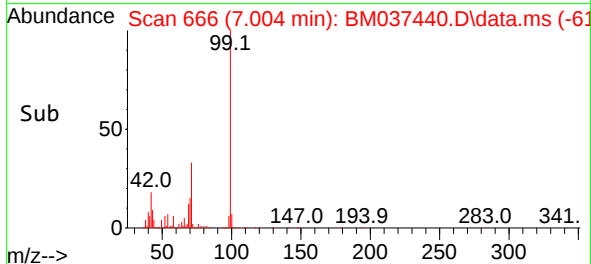
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



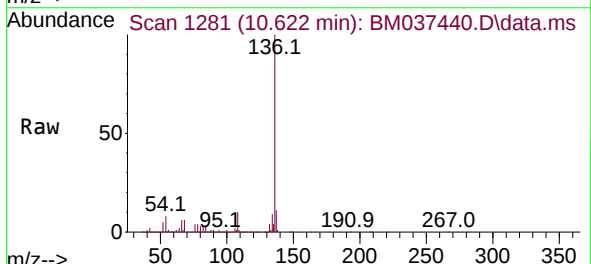
Tgt Ion: 99 Resp: 170100
Ion Ratio Lower Upper
99 100
42 18.7 14.8 22.2
71 33.3 25.6 38.4

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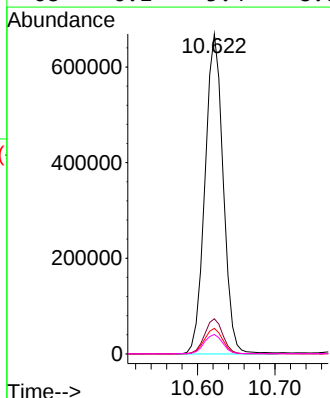
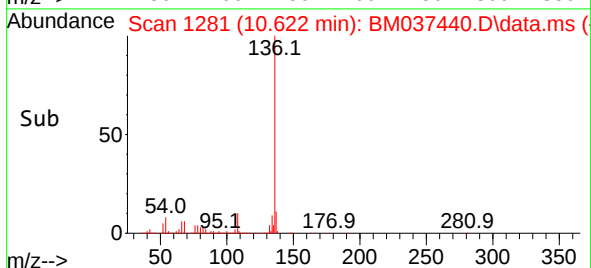
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

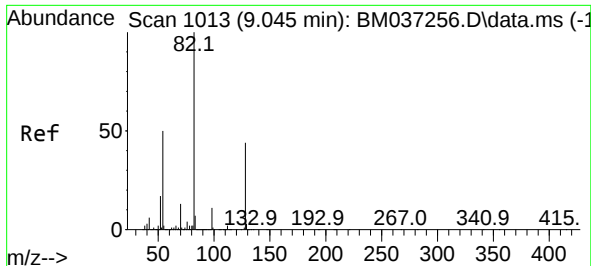


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05



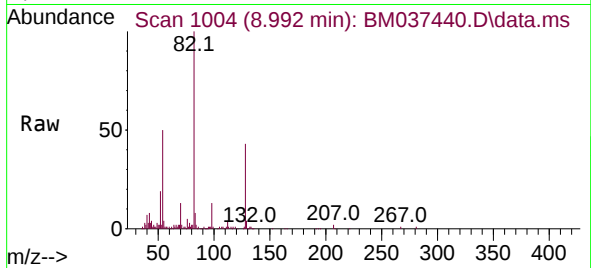
Tgt Ion:136 Resp: 1090143
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 7.0 10.4
68 6.1 5.4 8.0





#23
Nitrobenzene-d5
Concen: 4.707 ng
RT: 8.992 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

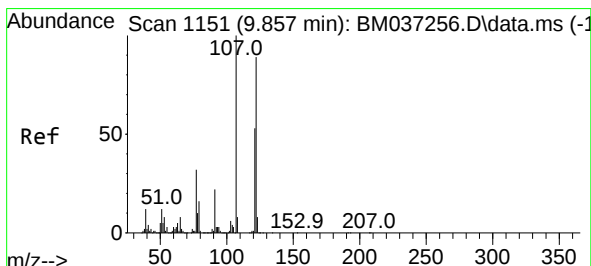
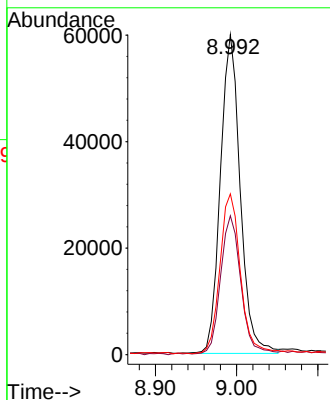
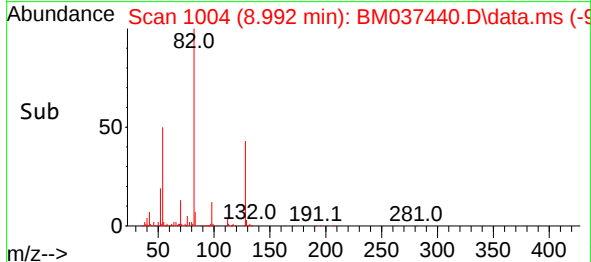
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



Tgt Ion: 82 Resp: 101701
Ion Ratio Lower Upper
82 100
128 43.4 35.2 52.8
54 50.2 40.4 60.6

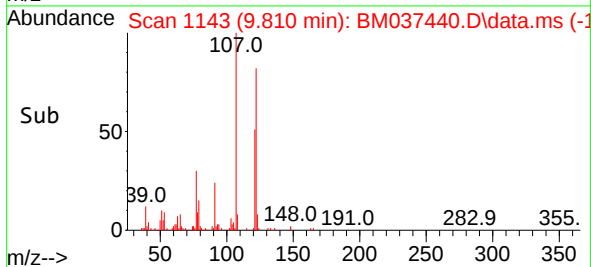
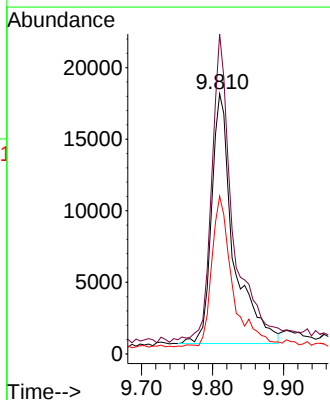
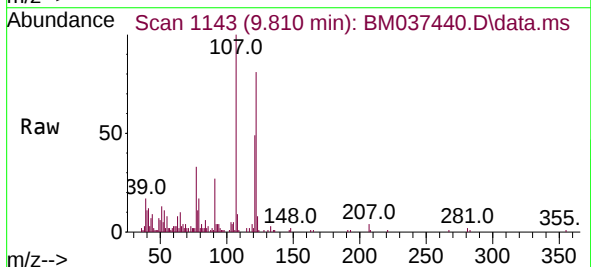
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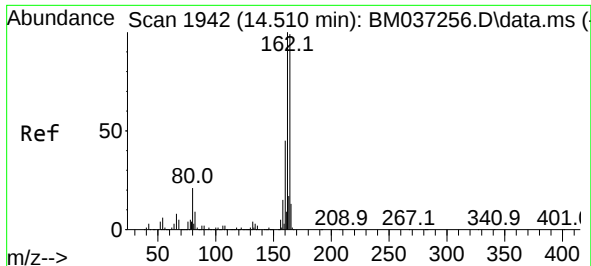
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#27
2,4-Dimethylphenol
Concen: 2.583 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

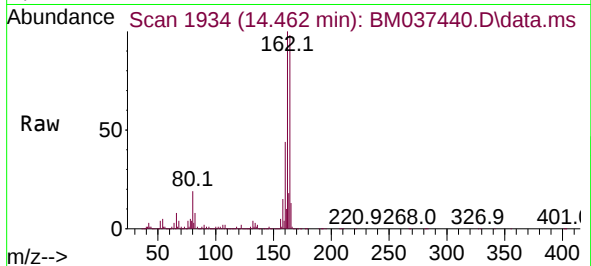
Tgt Ion:122 Resp: 37598
Ion Ratio Lower Upper
122 100
107 123.0 89.7 134.5
121 60.6 47.1 70.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

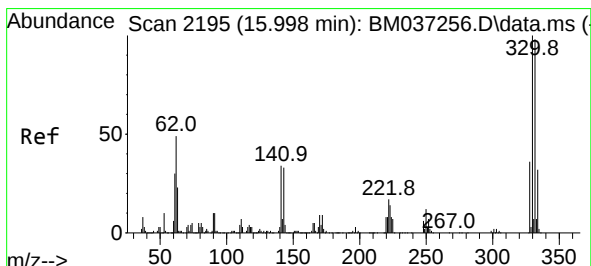
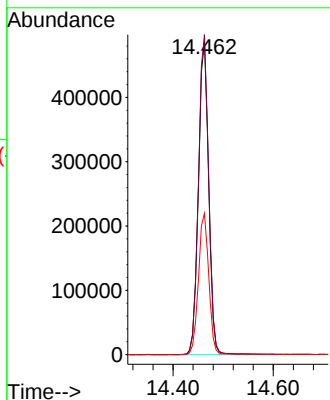
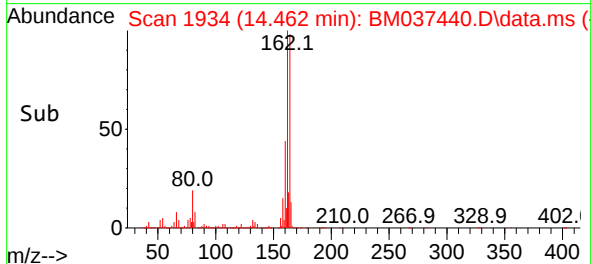
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



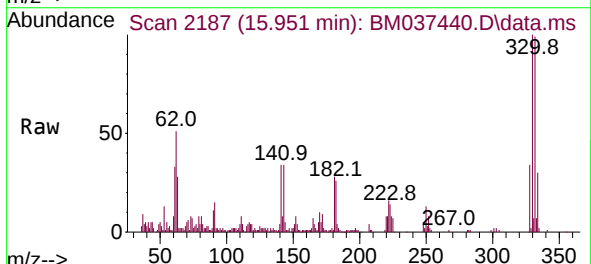
Tgt Ion:164 Resp: 689114
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.2 36.2 54.4

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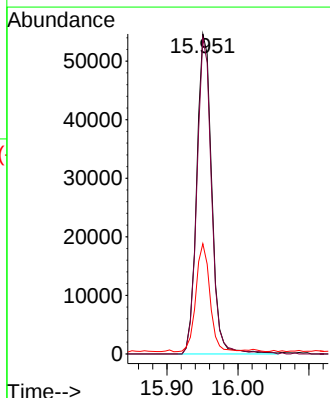
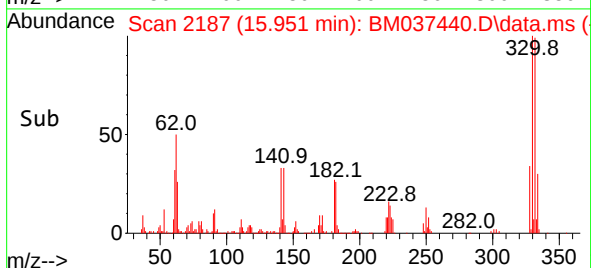
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

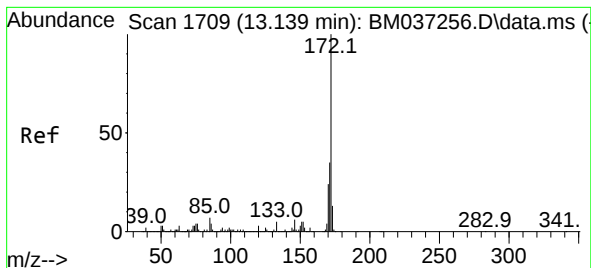


#42
2,4,6-Tribromophenol
Concen: 9.802 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05



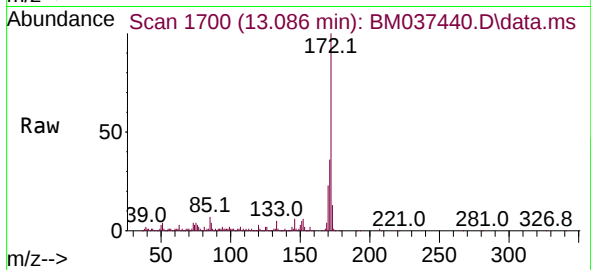
Tgt Ion:330 Resp: 79602
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 31.7 27.5 41.3





#45
2-Fluorobiphenyl
Concen: 4.867 ng
RT: 13.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

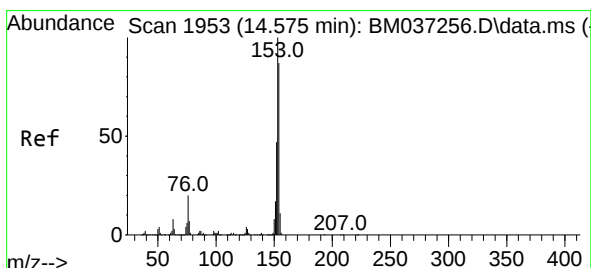
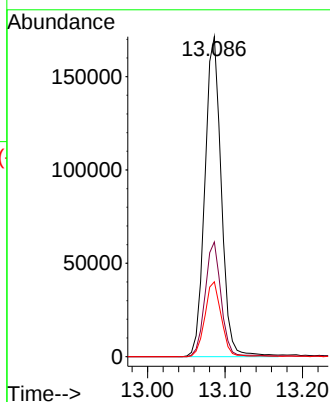
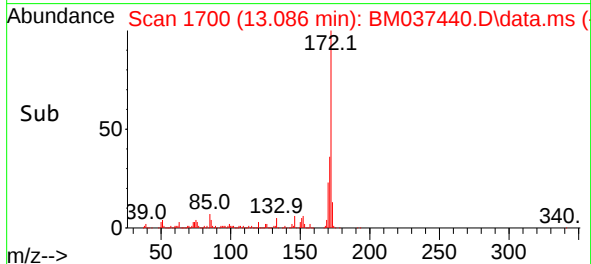
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



Tgt Ion:172 Resp: 252402
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.4 19.0 28.4

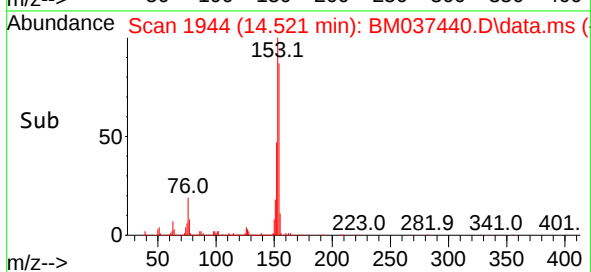
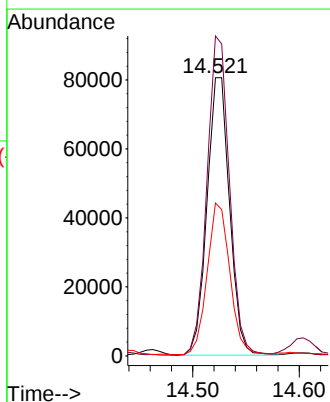
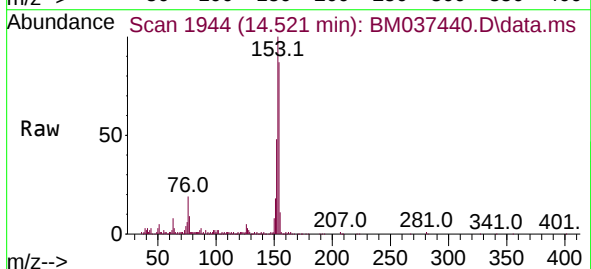
Manual Integrations
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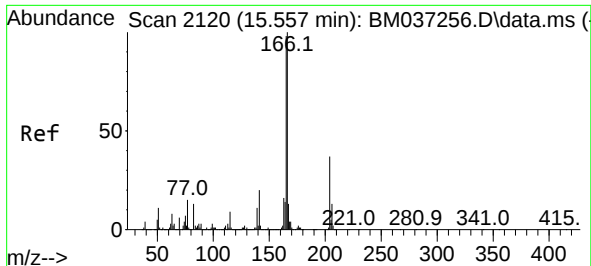
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#52
Acenaphthene
Concen: 2.796 ng
RT: 14.521 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

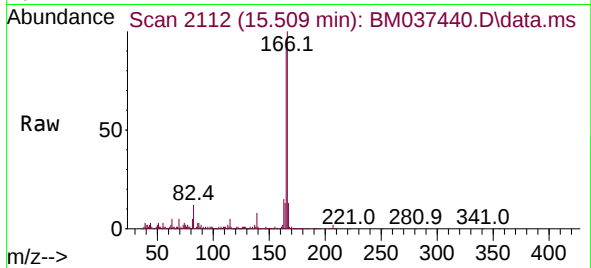
Tgt Ion:154 Resp: 118752
Ion Ratio Lower Upper
154 100
153 115.0 91.5 137.3
152 55.0 43.0 64.6





#58
Fluorene
Concen: 2.869 ng
RT: 15.509 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

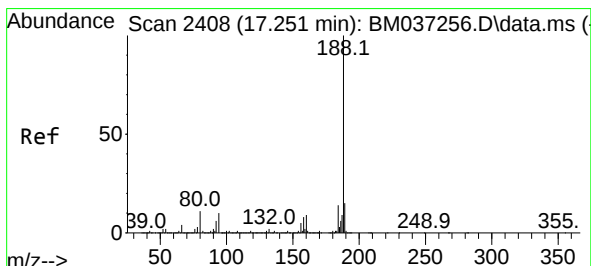
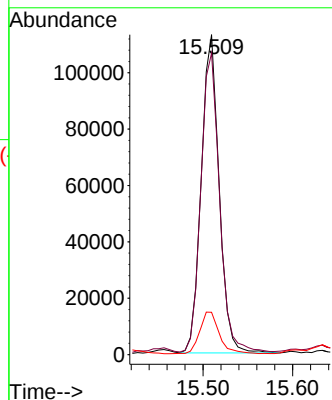
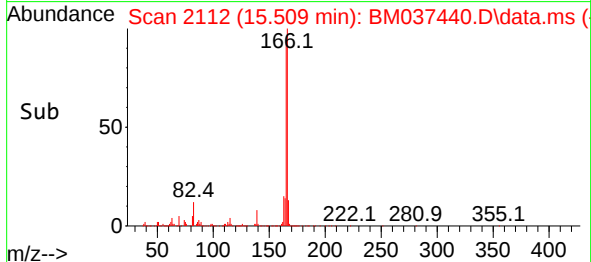
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



Tgt Ion:166 Resp: 156639
Ion Ratio Lower Upper
166 100
165 94.3 78.2 117.4
167 13.2 10.6 15.8

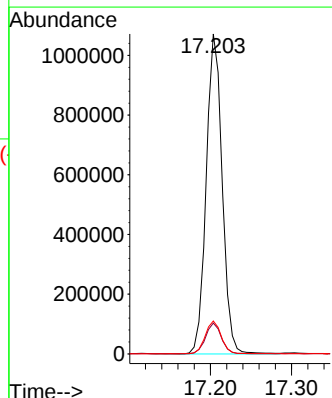
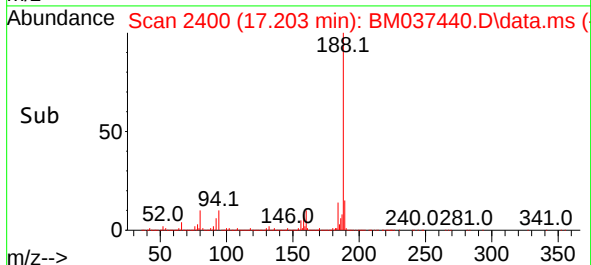
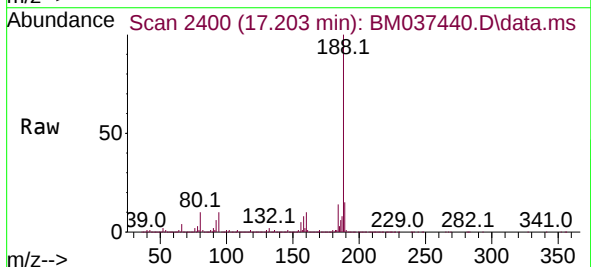
Manual Integrations
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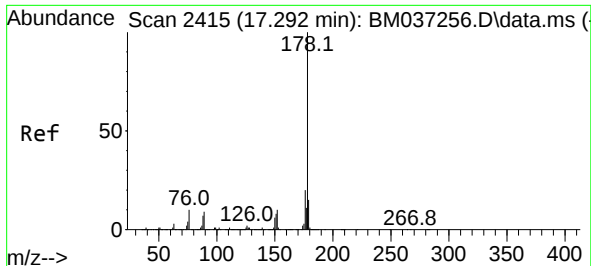
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

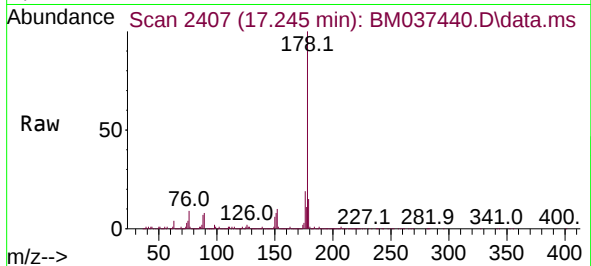
Tgt Ion:188 Resp: 1465068
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.3 8.5 12.7





#71
Phenanthrene
Concen: 8.164 ng
RT: 17.245 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

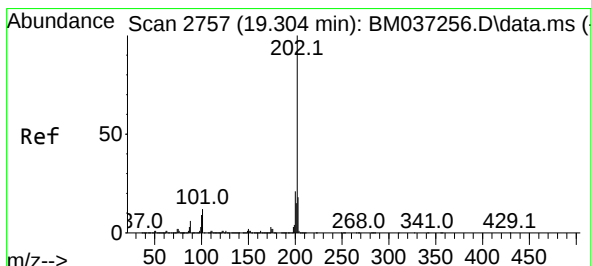
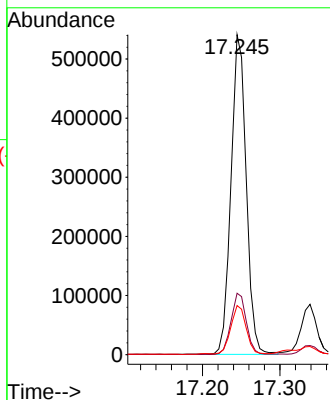
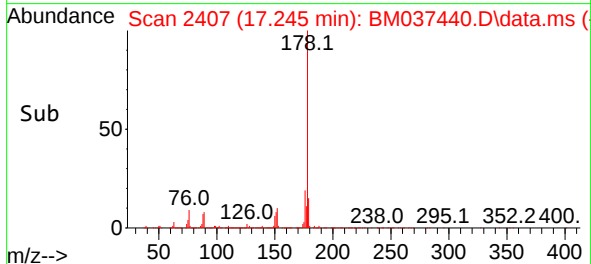
Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04



Tgt Ion:178 Resp: 742070
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.3 12.4 18.6

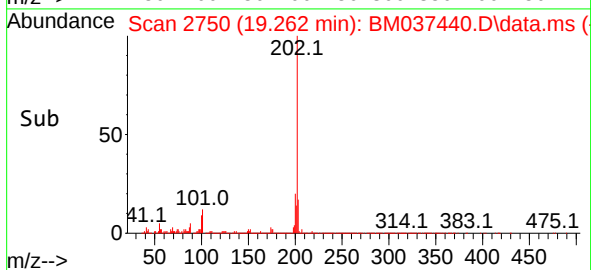
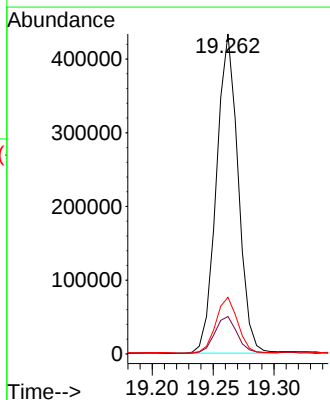
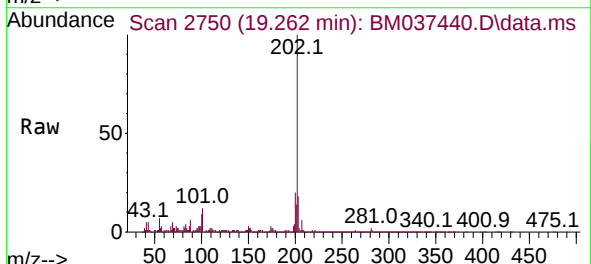
Manual Integrations
APPROVED

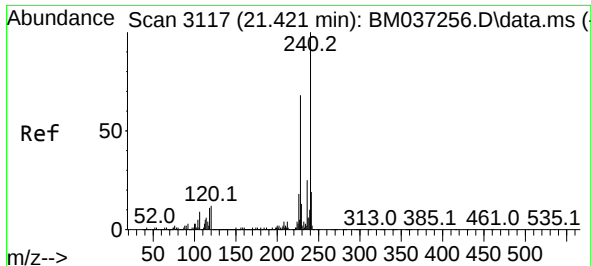
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#75
Fluoranthene
Concen: 5.593 ng
RT: 19.262 min Scan# 2750
Delta R.T. -0.000 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Tgt Ion:202 Resp: 537387
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 17.7 0.0 37.8





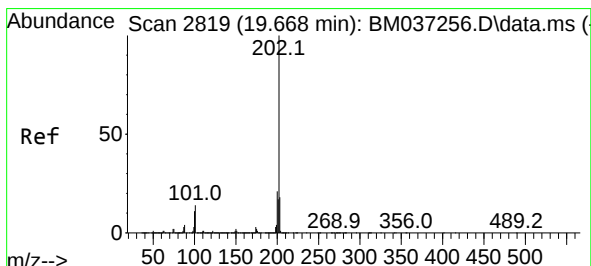
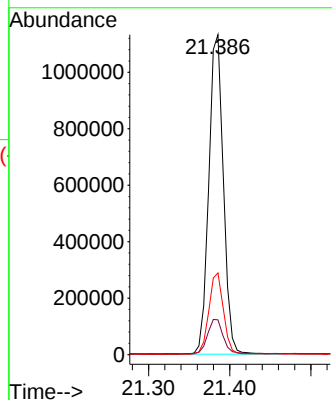
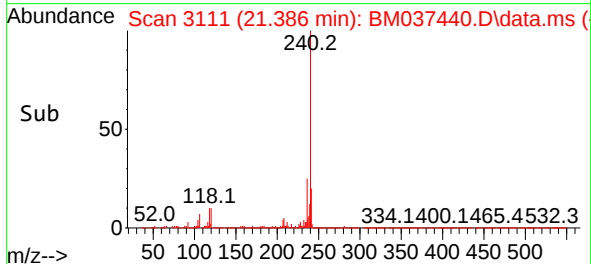
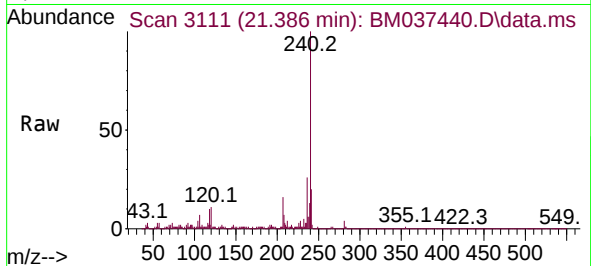
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Instrument :
BNA_M
ClientSampleId :
250FERRYBLVD-TFS-04

Tgt Ion:240 Resp: 1418139
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.5 20.3 30.5

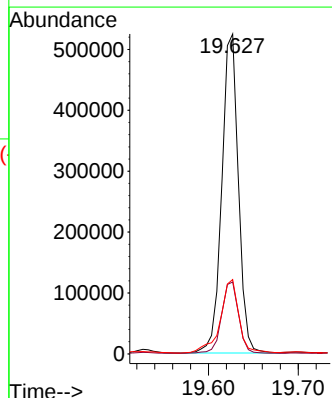
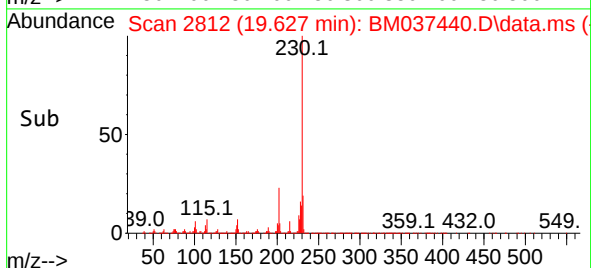
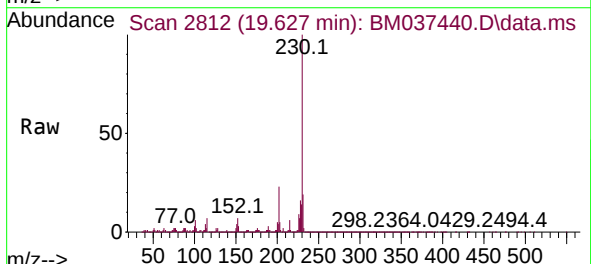
Manual Integrations
APPROVED

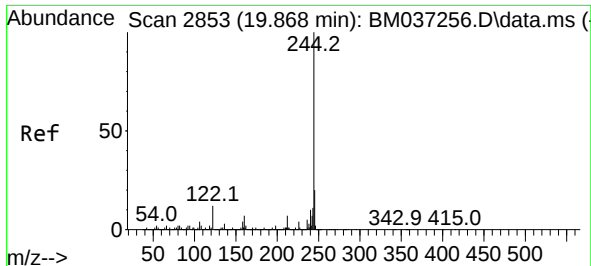
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022



#78
Pyrene
Concen: 6.204 ng
RT: 19.627 min Scan# 2812
Delta R.T. 0.006 min
Lab File: BM037440.D
Acq: 09 Nov 2022 17:05

Tgt Ion:202 Resp: 676520
Ion Ratio Lower Upper
202 100
200 22.5 17.0 25.6
203 23.2 14.1 21.1#





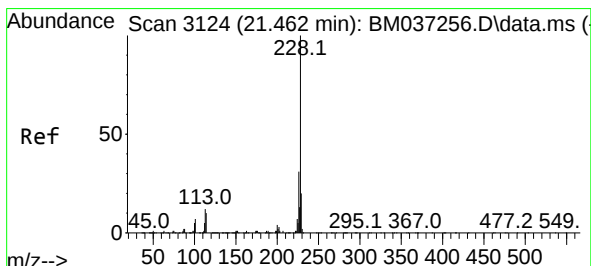
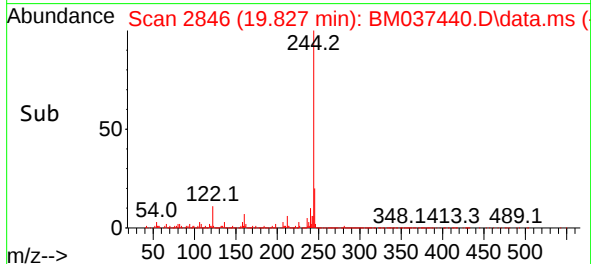
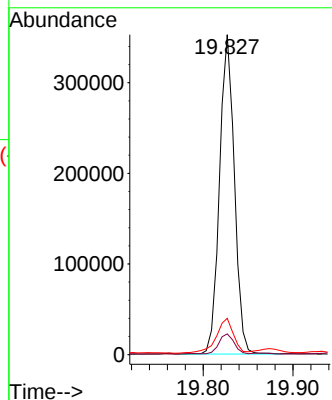
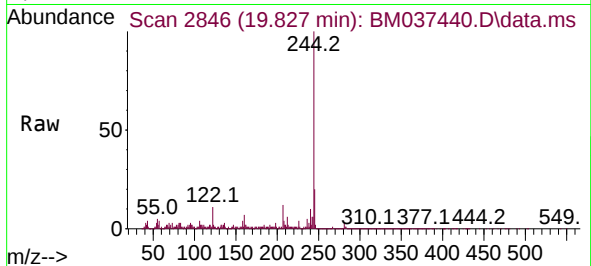
#79
 Terphenyl-d14
 Concen: 5.159 ng
 RT: 19.827 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BM037440.D
 Acq: 09 Nov 2022 17:05

Instrument :
 BNA_M
 ClientSampleId :
 250FERRYBLVD-TFS-04

Tgt Ion:244 Resp: 407963
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 11.3 9.4 14.2

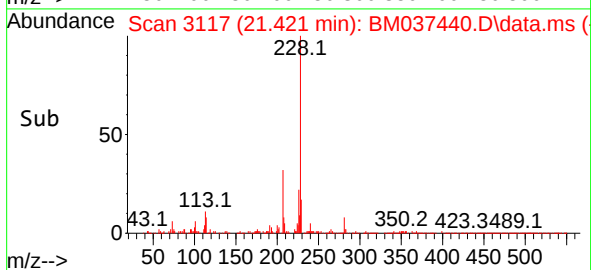
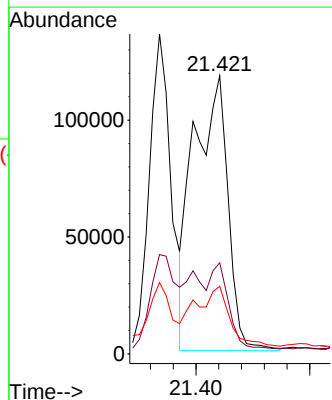
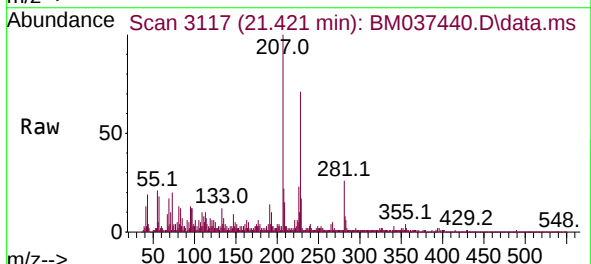
Manual Integrations
 APPROVED

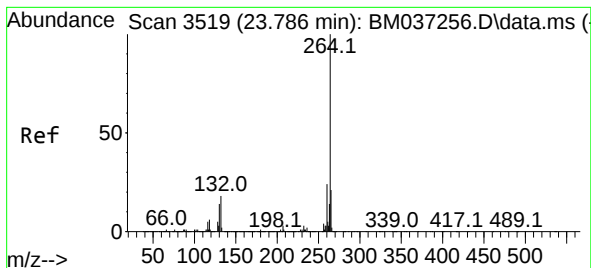
Reviewed By :Christian Giraldo 11/10/2022
 Supervised By :mohammad ahmed 11/10/2022



#83
 Chrysene
 Concen: 2.524 ng m
 RT: 21.421 min Scan# 3117
 Delta R.T. 0.006 min
 Lab File: BM037440.D
 Acq: 09 Nov 2022 17:05

Tgt Ion:228 Resp: 245465
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.4 36.6
 229 24.3 16.0 24.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 31

Delta R.T. 0.018 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

250FERRYBLVD-TFS-04

Tgt Ion:264 Resp: 149628

Ion Ratio Lower Upper

264 100

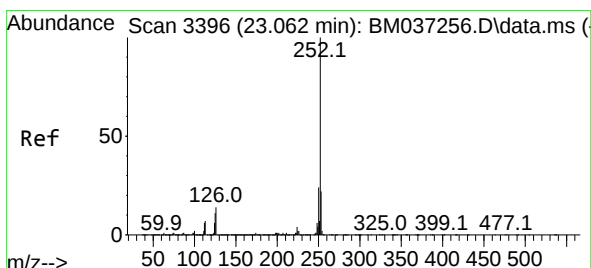
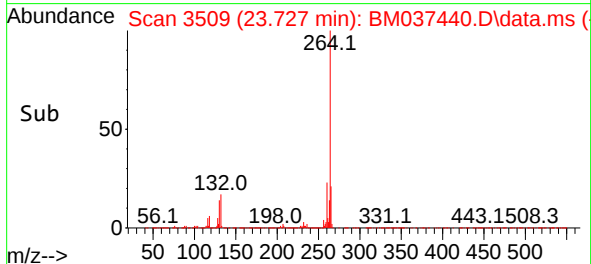
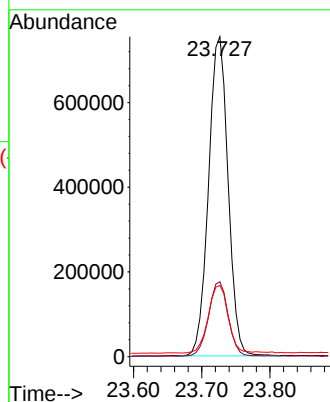
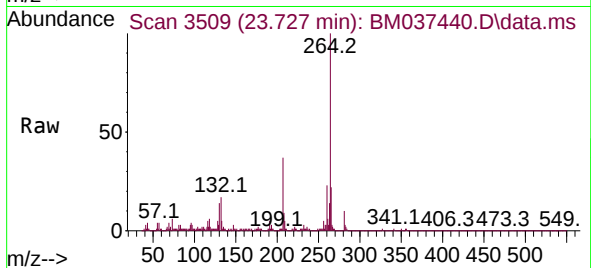
260 23.4 18.9 28.3

265 22.2 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: 2.014 ng

RT: 23.009 min Scan# 3387

Delta R.T. 0.006 min

Lab File: BM037440.D

Acq: 09 Nov 2022 17:05

Tgt Ion:252 Resp: 209177

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.6

125 18.8 9.1 13.7#

