

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136360.D
 Acq On : 02 Dec 2023 04:36
 Operator : CG\JU
 Sample : 05434-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/05/2023

Quant Time: Dec 02 05:55:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	130560	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	469704	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	173808	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	276869	20.000	ng	0.00
76) Chrysene-d12	13.980	240	259836	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	216828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	806174	85.943	ng	0.00
7) Phenol-d6	6.445	99	940388	80.177	ng	0.00
23) Nitrobenzene-d5	7.369	82	568070	63.910	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	165016	77.656	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	988824	72.668	ng	0.00
79) Terphenyl-d14	12.927	244	969316	43.031	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.545	202	43607	2.760	ng	91
87) Indeno(1,2,3-cd)pyrene	16.962	276	12659	3.417	ng	# 82
88) Benzo(b)fluoranthene	15.027	252	37253m	2.449	ng	
91) Dibenzo(a,h)anthracene	16.986	278	4069	3.009	ng	# 61
92) Benzo(g,h,i)perylene	17.421	276	13553	2.898	ng	# 84

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

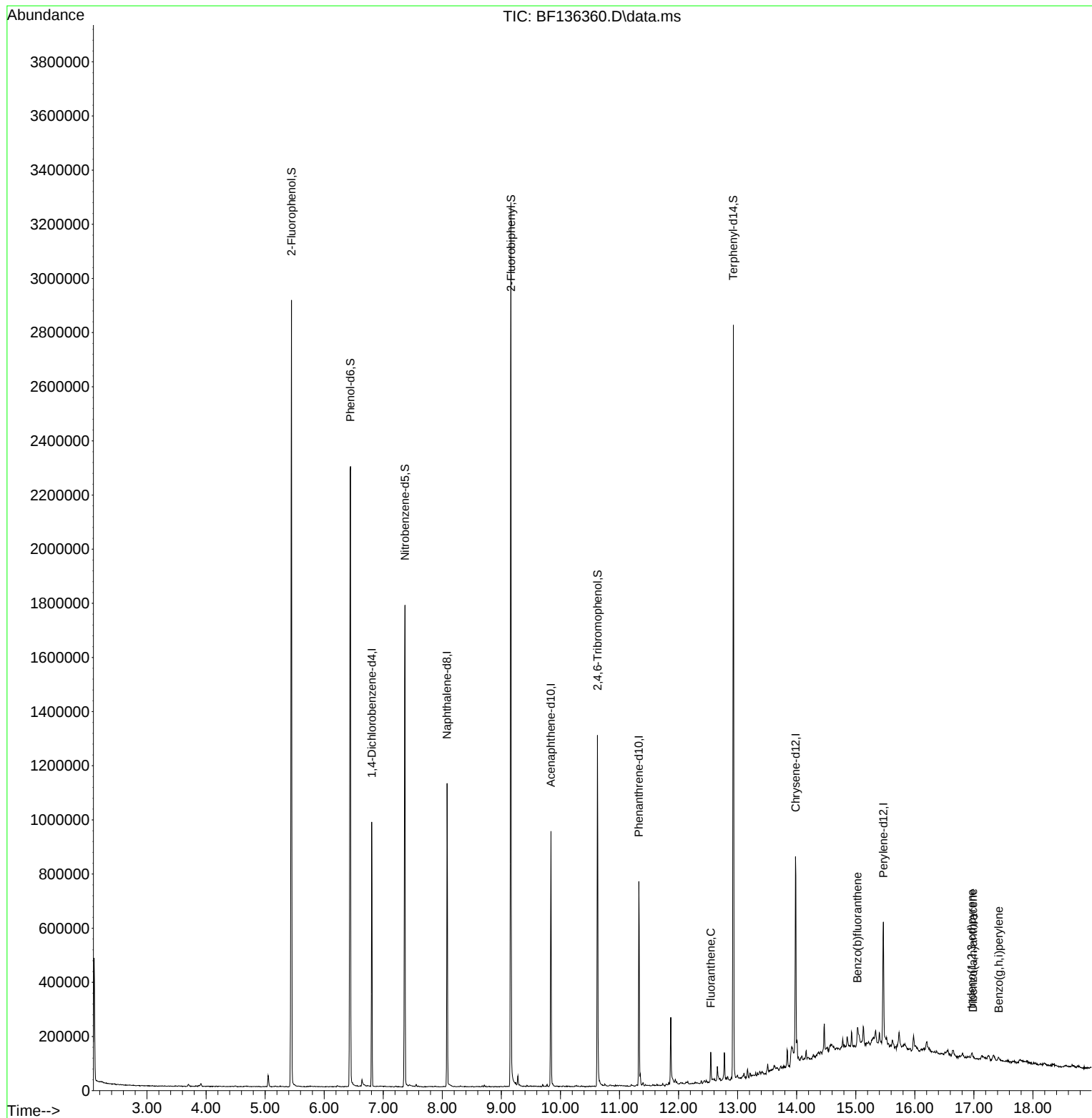
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
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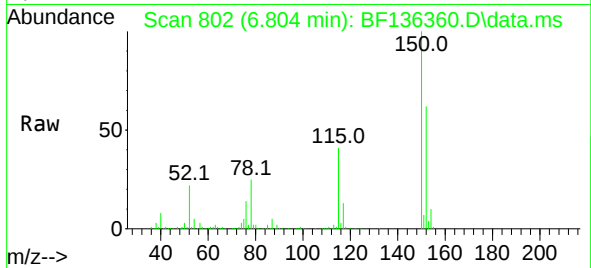
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

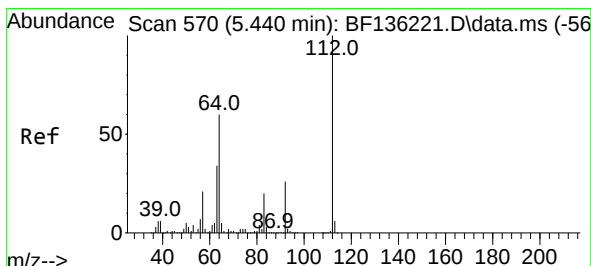
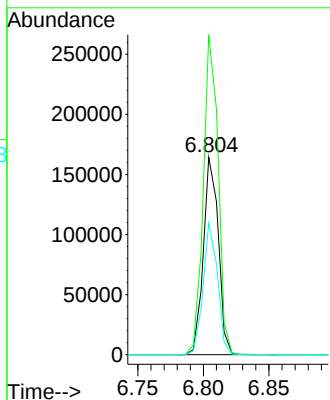
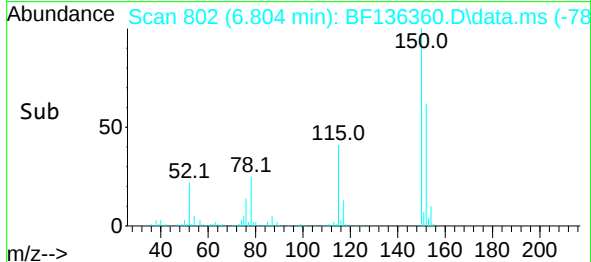
Instrument :
BNA_F
ClientSampleId :
COMP-6



Tgt Ion:152 Resp: 130560
Ion Ratio Lower Upper
152 100
150 162.1 137.8 206.8
115 66.8 52.7 79.1

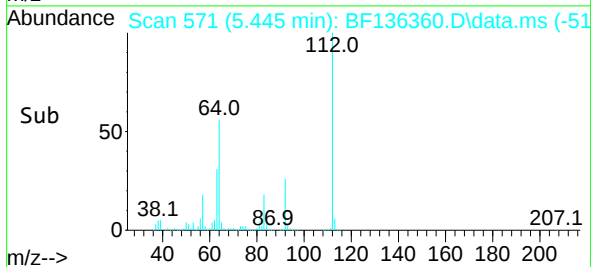
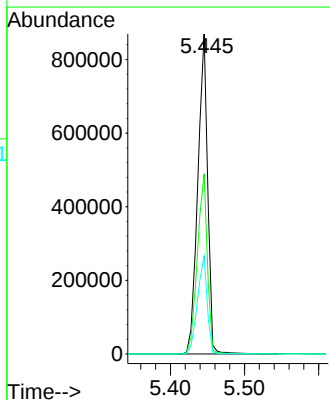
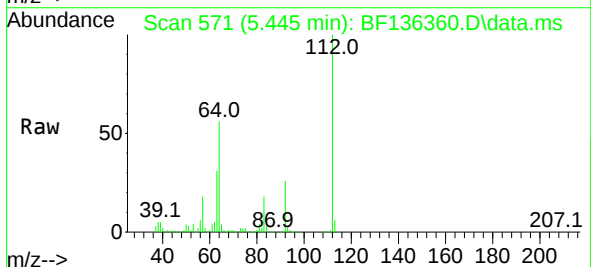
Manual Integrations
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Supervised By :mohammad ahmed 12/05/2023



#5
2-Fluorophenol
Concen: 85.943 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

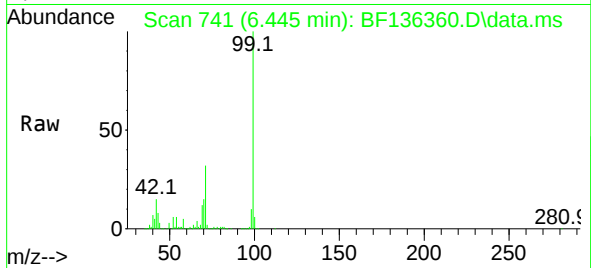
Tgt Ion:112 Resp: 806174
Ion Ratio Lower Upper
112 100
64 56.4 48.2 72.4
63 30.6 27.0 40.6





#7
Phenol-d6
Concen: 80.177 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

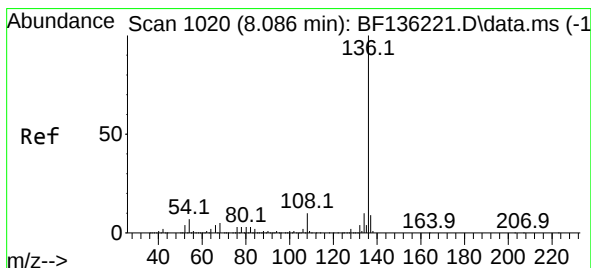
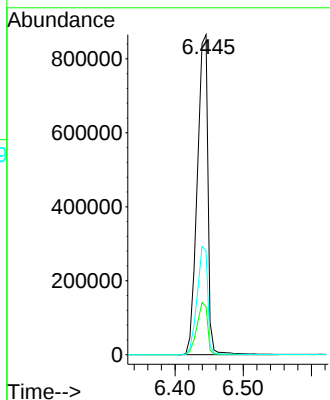
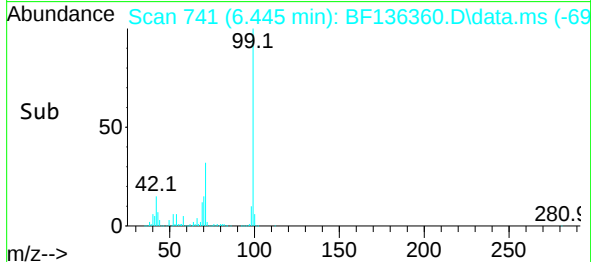
Instrument :
BNA_F
ClientSampleId :
COMP-6



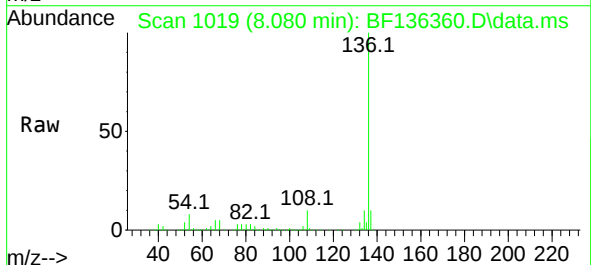
Tgt Ion: 99 Resp: 940388
Ion Ratio Lower Upper
99 100
42 15.0 15.0 22.6
71 32.5 28.9 43.3

Manual Integrations
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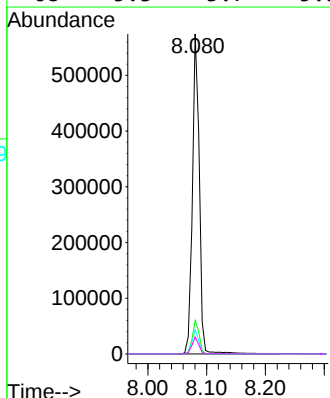
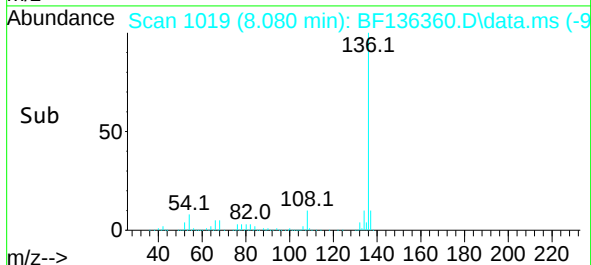
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36



Tgt Ion:136 Resp: 469704
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 7.5 5.5 8.3
68 5.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 63.910 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136360.D

Acq: 02 Dec 2023 04:36

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion: 82 Resp: 568070

Ion Ratio Lower Upper

82 100

128 46.7 33.4 50.2

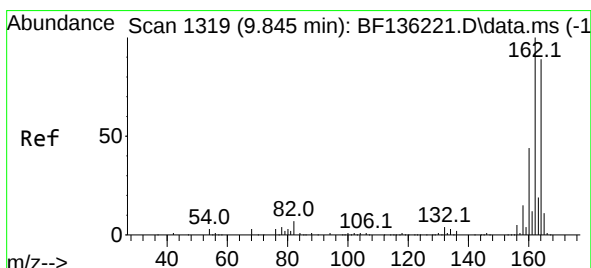
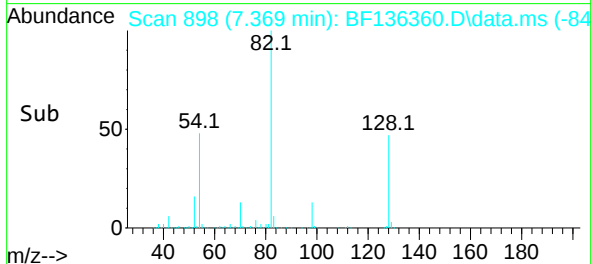
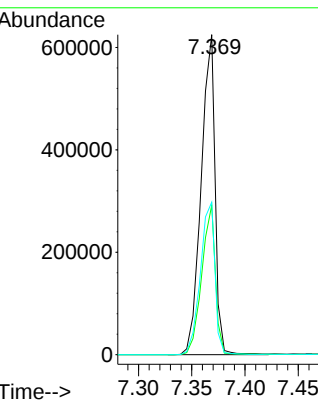
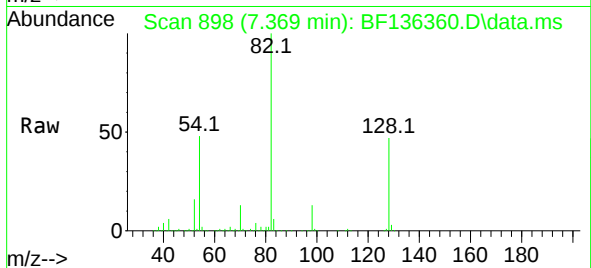
54 47.6 41.7 62.5

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136360.D

Acq: 02 Dec 2023 04:36

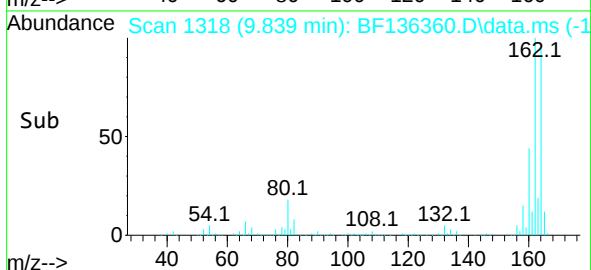
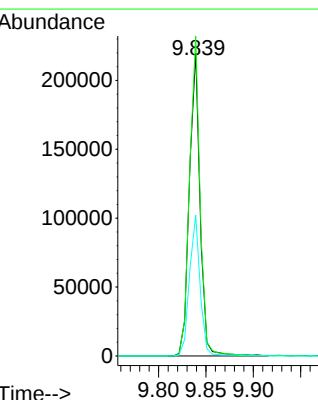
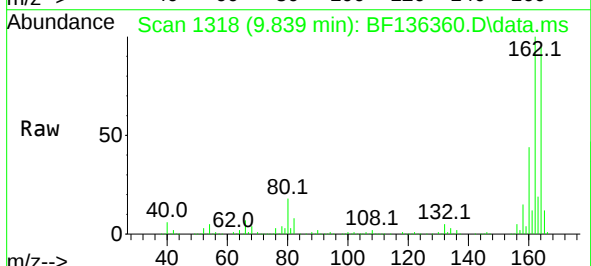
Tgt Ion:164 Resp: 173808

Ion Ratio Lower Upper

164 100

162 105.7 89.5 134.3

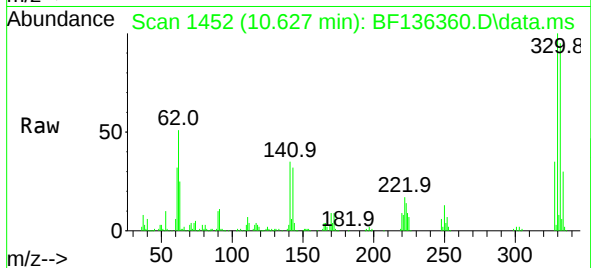
160 46.5 39.6 59.4





#42
2,4,6-Tribromophenol
Concen: 77.656 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

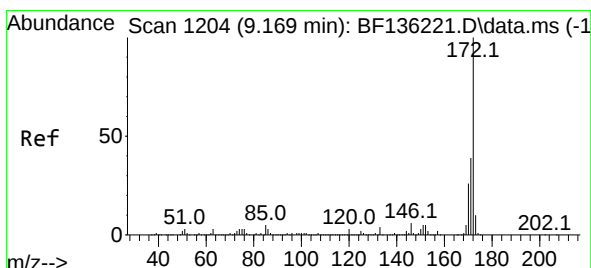
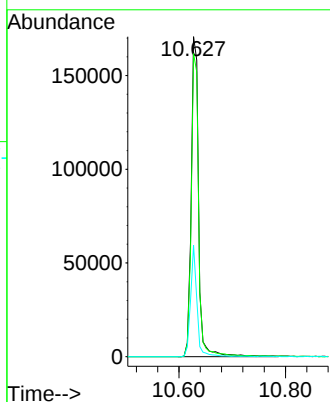
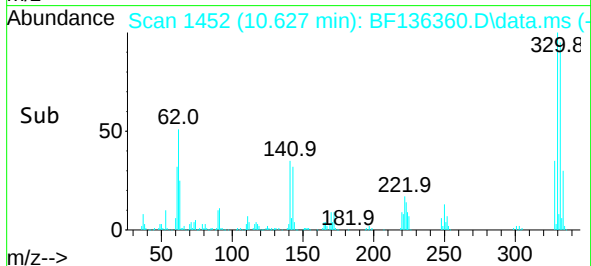
Instrument :
BNA_F
ClientSampleId :
COMP-6



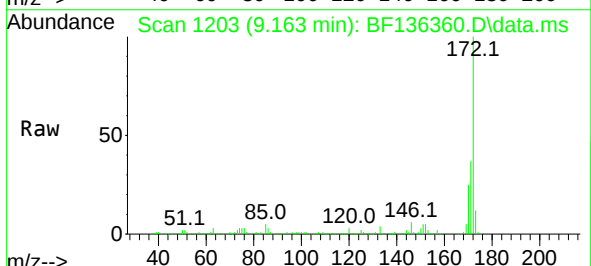
Tgt Ion: 330 Resp: 165010
Ion Ratio Lower Upper
330 100
332 94.1 73.0 109.6
141 30.1 24.2 36.2

Manual Integrations
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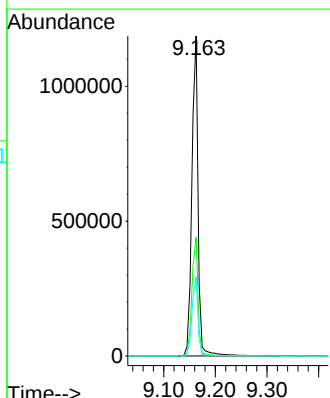
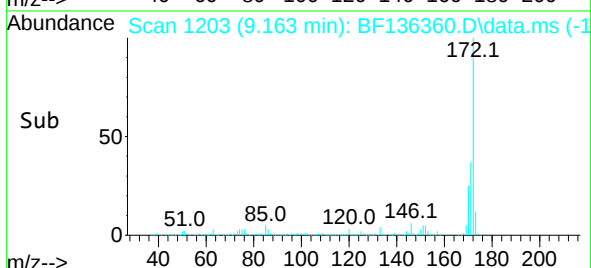
Reviewed By : Yogesh Patel 12/04/2023
Supervised By : mohammad ahmed 12/05/2023

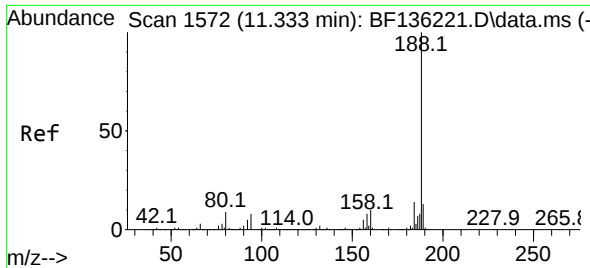


#45
2-Fluorobiphenyl
Concen: 72.668 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36



Tgt Ion: 172 Resp: 988824
Ion Ratio Lower Upper
172 100
171 37.1 31.5 47.3
170 24.8 20.8 31.2





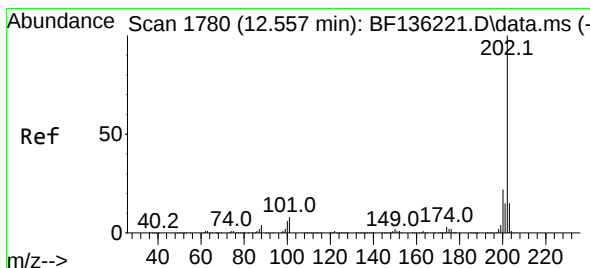
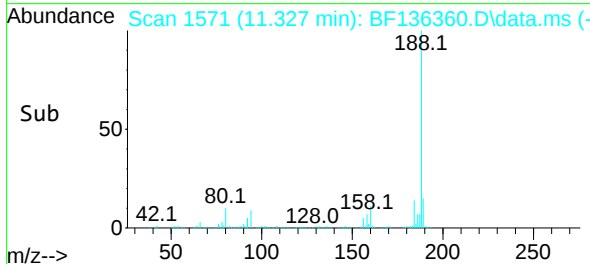
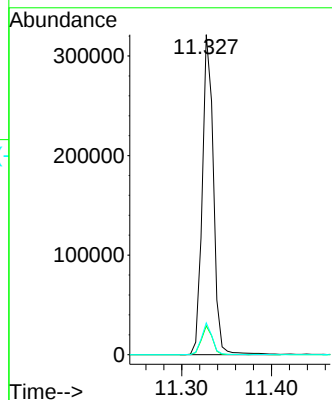
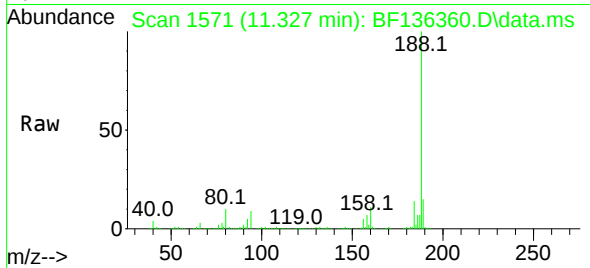
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion:188 Resp: 276869
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.0 7.2 10.8

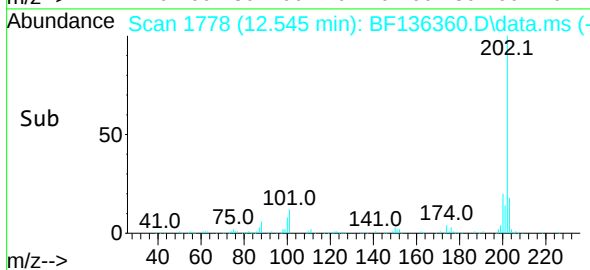
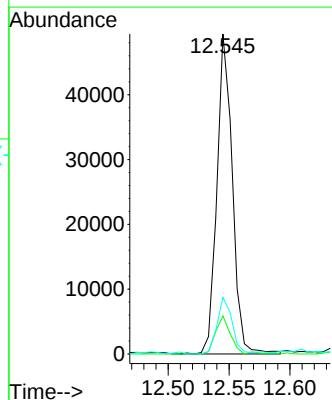
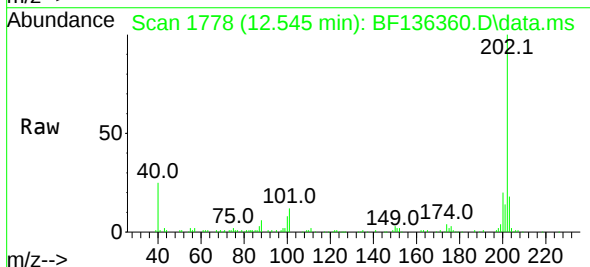
Manual Integrations
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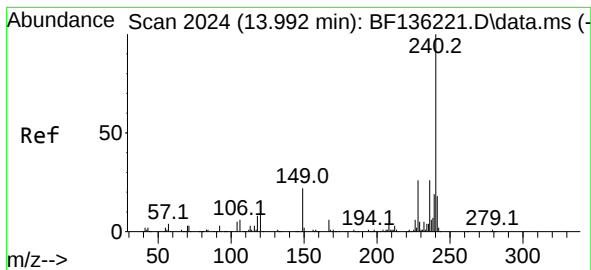
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#75
Fluoranthene
Concen: 2.760 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

Tgt Ion:202 Resp: 43607
Ion Ratio Lower Upper
202 100
101 11.9 0.0 27.8
203 17.7 0.0 34.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136360.D

Acq: 02 Dec 2023 04:36

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion:240 Resp: 259830

Ion Ratio Lower Upper

240 100

120 11.9 7.4 11.2

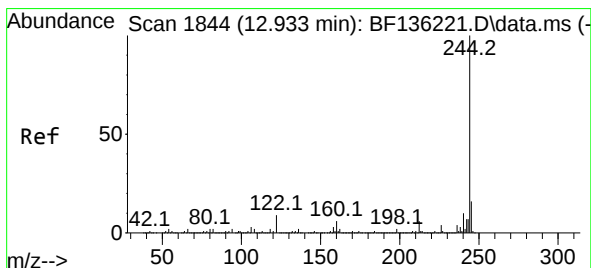
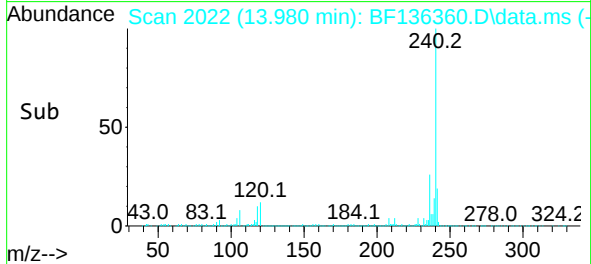
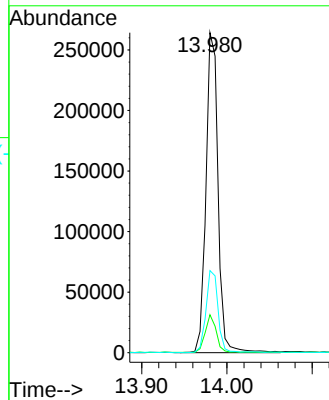
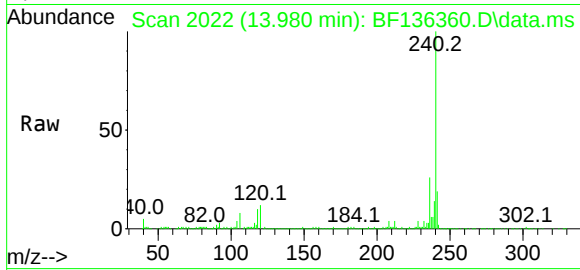
236 25.7 21.1 31.7

Manual Integrations

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Supervised By :mohammad ahmed 12/05/2023



#79

Terphenyl-d14

Concen: 43.031 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136360.D

Acq: 02 Dec 2023 04:36

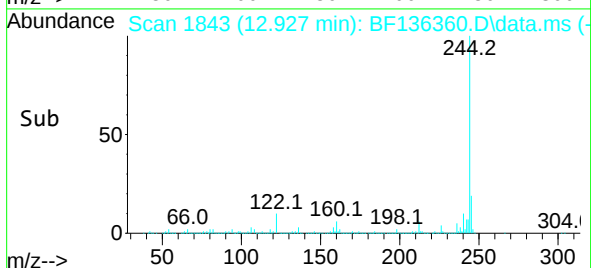
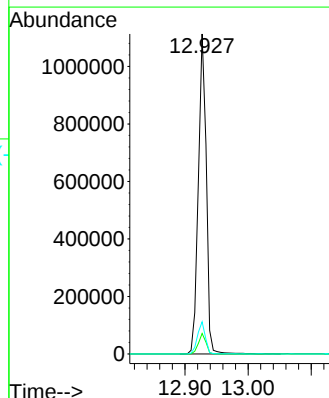
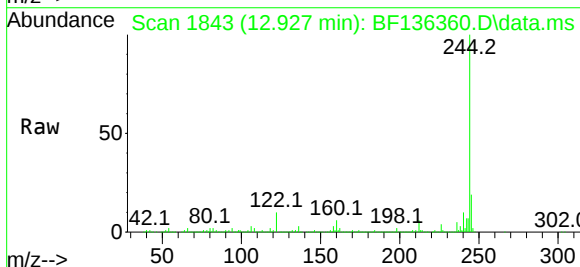
Tgt Ion:244 Resp: 969316

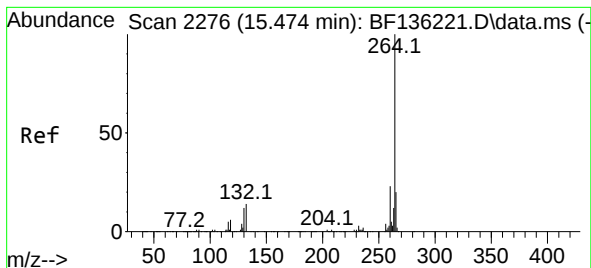
Ion Ratio Lower Upper

244 100

212 6.4 4.6 7.0

122 10.1 7.3 10.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136360.D

Acq: 02 Dec 2023 04:36

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion:264 Resp: 216828

Ion Ratio Lower Upper

264 100

260 22.0 18.6 27.8

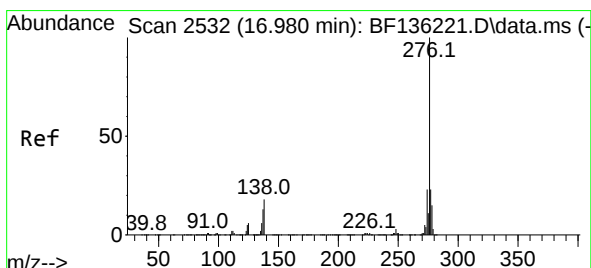
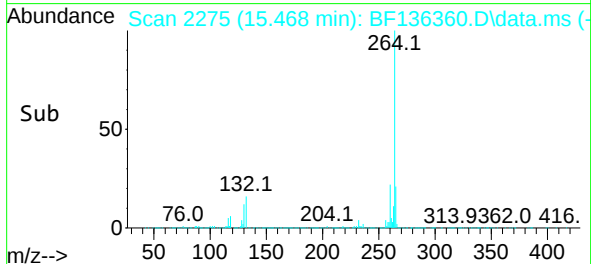
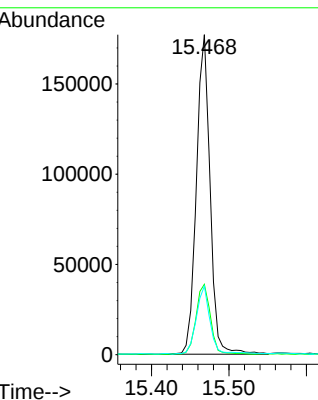
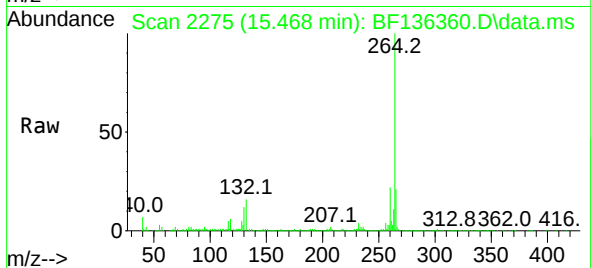
265 21.5 15.7 23.5

Manual Integrations

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Supervised By :mohammad ahmed 12/05/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.417 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.018 min

Lab File: BF136360.D

Acq: 02 Dec 2023 04:36

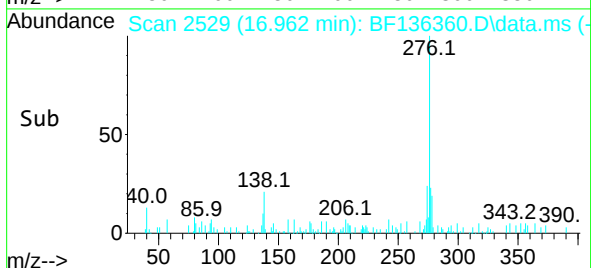
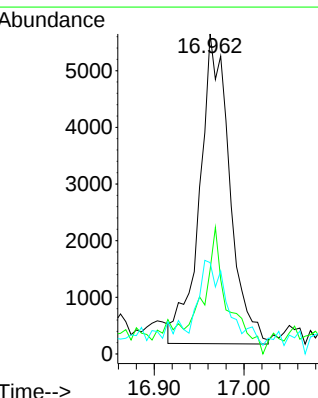
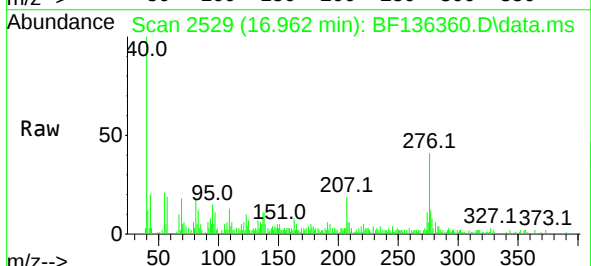
Tgt Ion:276 Resp: 12659

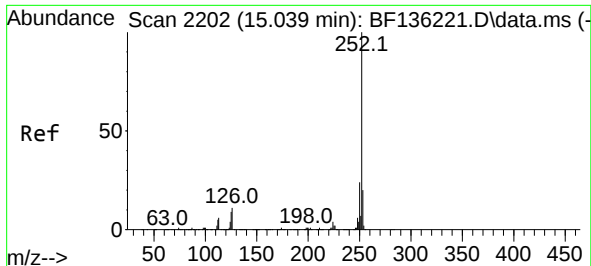
Ion Ratio Lower Upper

276 100

138 33.4 17.7 26.5#

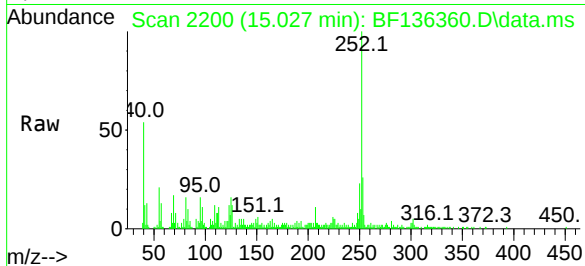
277 30.7 19.6 29.4#





#88
Benzo(b)fluoranthene
Concen: 2.449 ng m
RT: 15.027 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

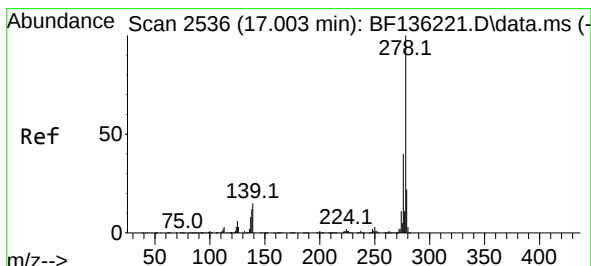
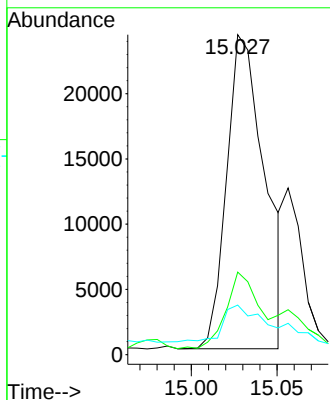
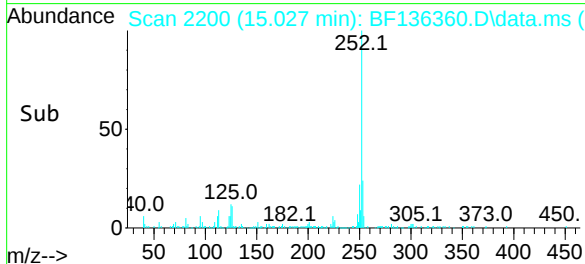
Instrument :
BNA_F
ClientSampleId :
COMP-6



Tgt Ion:252 Resp: 3725
Ion Ratio Lower Upper
252 100
253 25.8 16.2 24.2
125 15.5 6.9 10.3

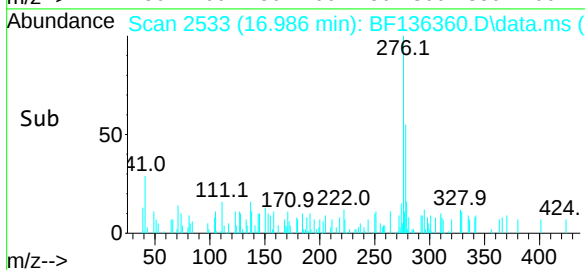
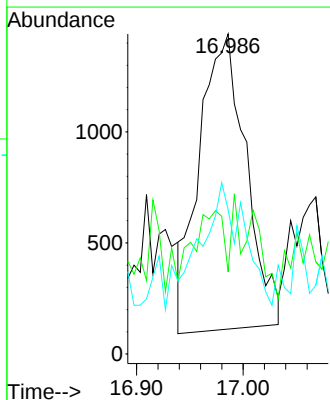
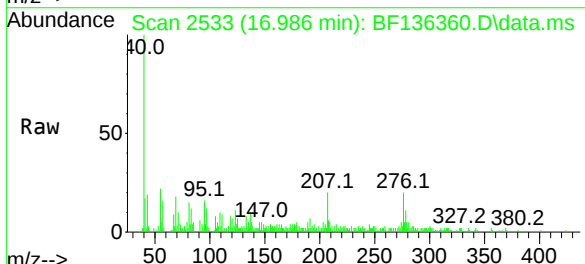
Manual Integrations
APPROVED

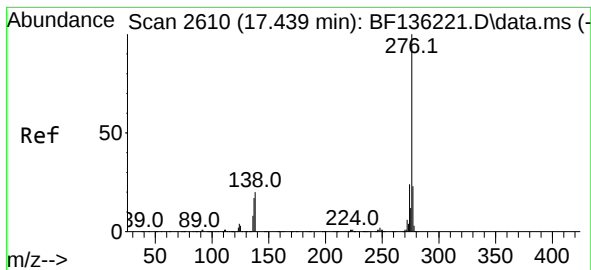
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023



#91
Dibenzo(a,h)anthracene
Concen: 3.009 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.017 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

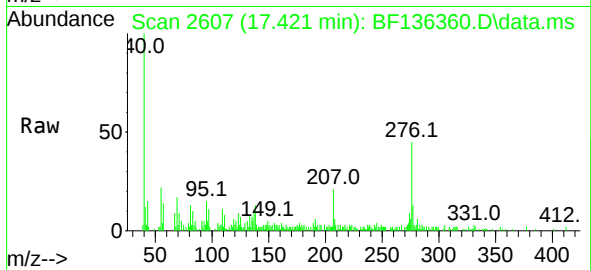
Tgt Ion:278 Resp: 4069
Ion Ratio Lower Upper
278 100
139 25.7 11.7 17.5#
279 45.2 17.8 26.8#





#92
Benzo(g,h,i)perylene
Concen: 2.898 ng
RT: 17.421 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF136360.D
Acq: 02 Dec 2023 04:36

Instrument :
BNA_F
ClientSampleId :
COMP-6



Tgt Ion:276 Resp: 1355
Ion Ratio Lower Upper
276 100
277 29.7 18.6 27.8
138 28.1 15.8 23.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

