

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136622.D
 Acq On : 18 Dec 2023 19:10
 Operator : CG\JU
 Sample : 05699-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELM-N7THSTREET-DRUMS-SOILRE

Quant Time: Dec 19 01:05:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 00:56:37 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89349	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	321915	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	140547	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	230800	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	217197	20.000	ng	0.00
86) Perylene-d12	15.451	264	188149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	461791	76.328	ng	0.00
7) Phenol-d6	6.434	99	538936	71.397	ng	-0.01
23) Nitrobenzene-d5	7.345	82	320835	53.879	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	106104	61.227	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	579307	56.242	ng	-0.01
79) Terphenyl-d14	12.910	244	602721	36.576	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.533	202	51437	3.869	ng	97
78) Pyrene	12.763	202	47293	2.223	ng	98
81) Benzo(a)anthracene	13.957	228	34815	2.301	ng	96
83) Chrysene	13.992	228	30215m	2.030	ng	
88) Benzo(b)fluoranthene	15.016	252	36567m	2.843	ng	
90) Benzo(a)pyrene	15.380	252	21755	2.048	ng	# 89

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

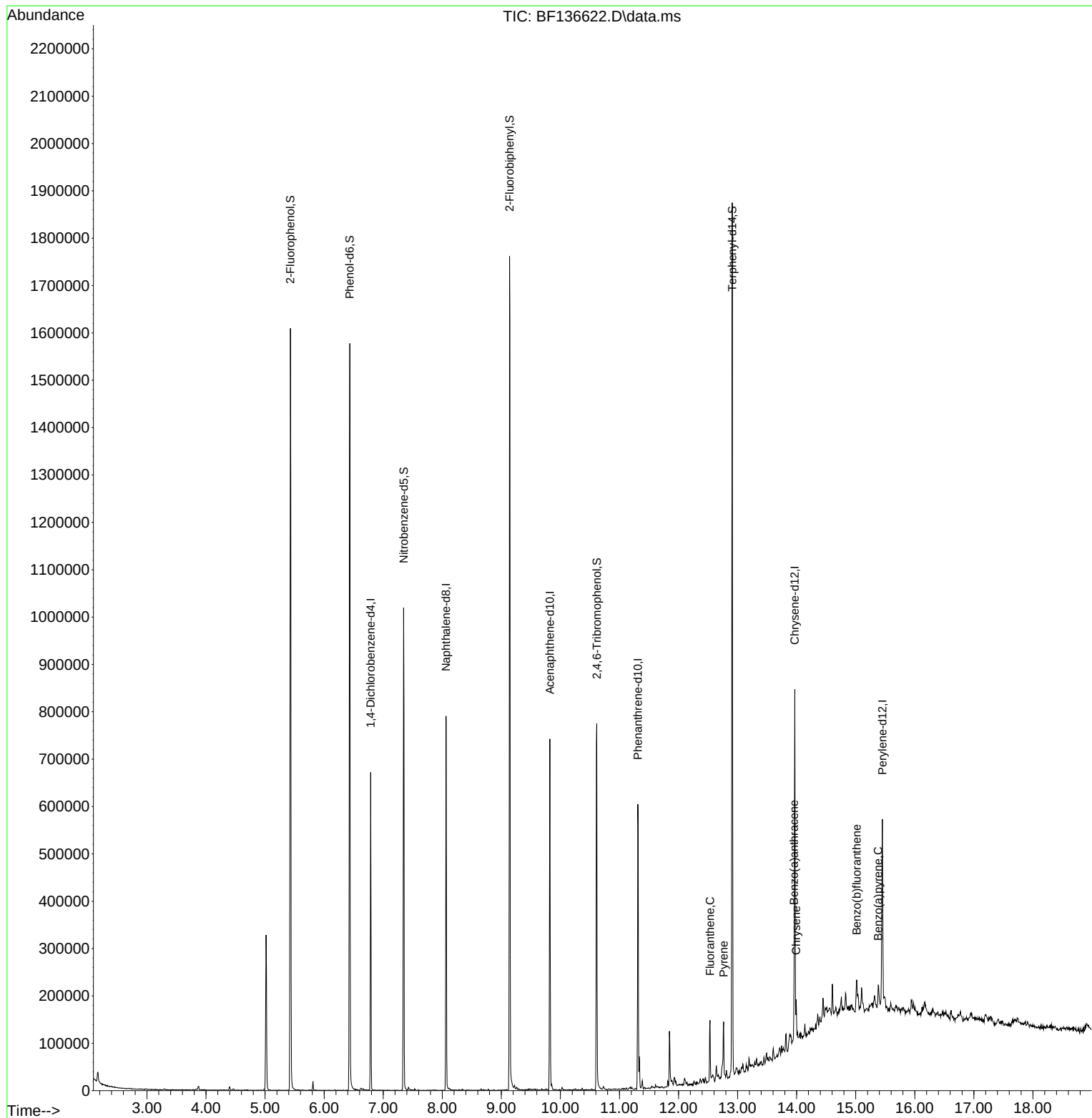
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136622.D
Acq On : 18 Dec 2023 19:10
Operator : CG\JU
Sample : 05699-01RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

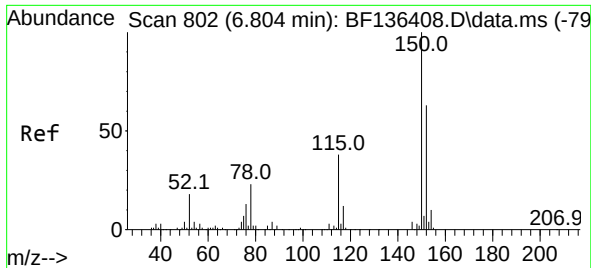
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOILRE

Quant Time: Dec 19 01:05:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 00:56:37 2023
Response via : Initial Calibration

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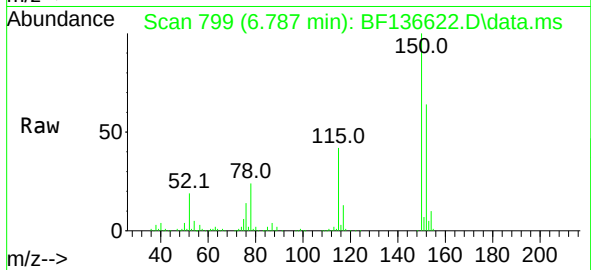
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

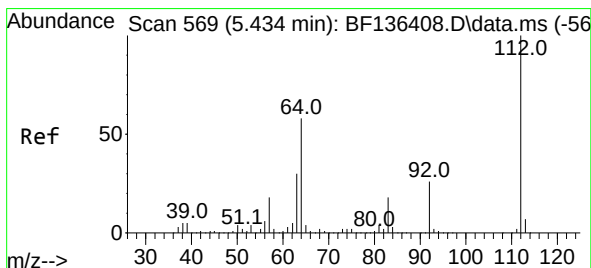
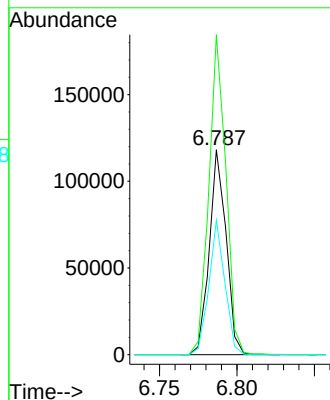
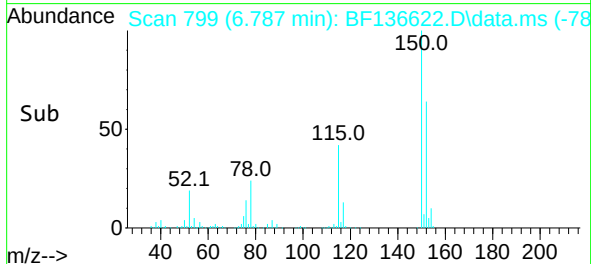
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOILRE



Tgt Ion:152 Resp: 89349
Ion Ratio Lower Upper
152 100
150 156.1 126.4 189.6
115 65.5 48.2 72.4

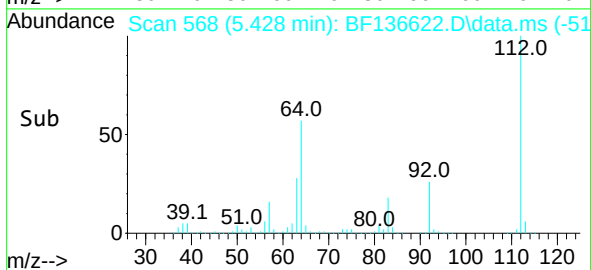
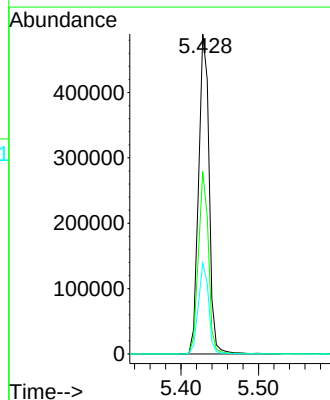
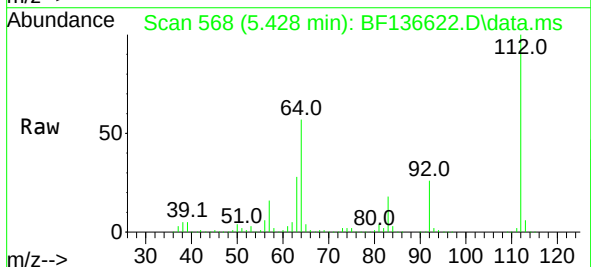
Manual Integrations
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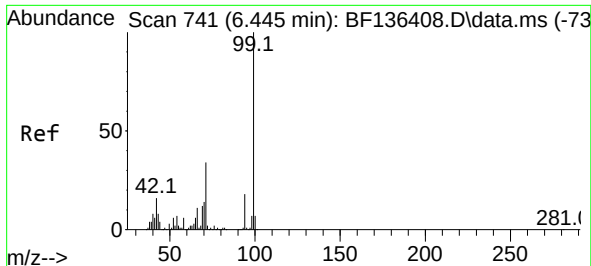
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#5
2-Fluorophenol
Concen: 76.328 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

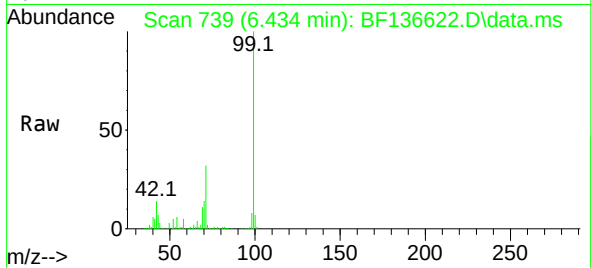
Tgt Ion:112 Resp: 461791
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 28.4 23.9 35.9





#7
Phenol-d6
Concen: 71.397 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

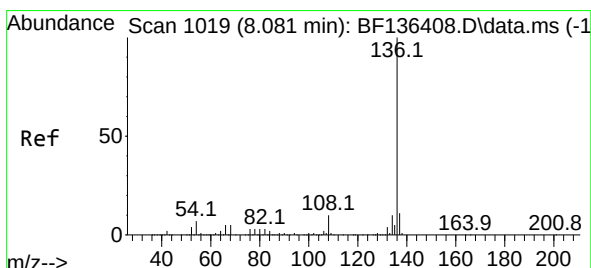
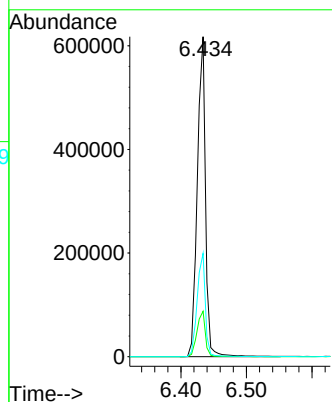
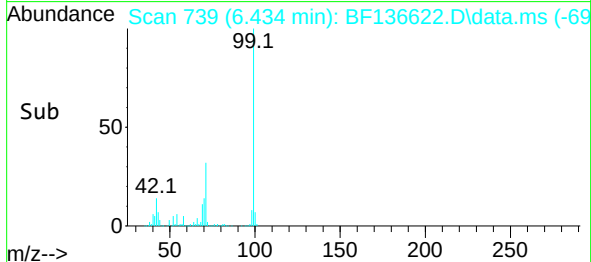
Instrument :
BNA_F
ClientSampleId :
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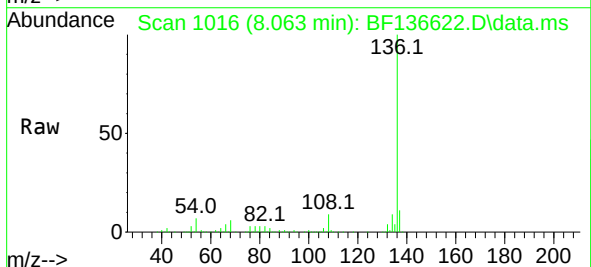
Tgt Ion: 99 Resp: 538930
Ion Ratio Lower Upper
99 100
42 14.2 12.8 19.2
71 32.3 27.0 40.4

Manual Integrations
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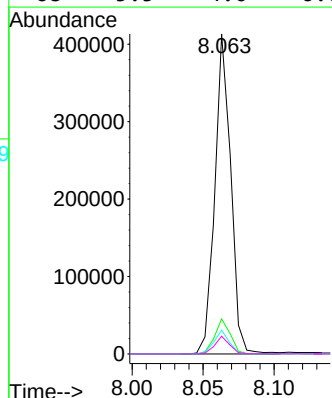
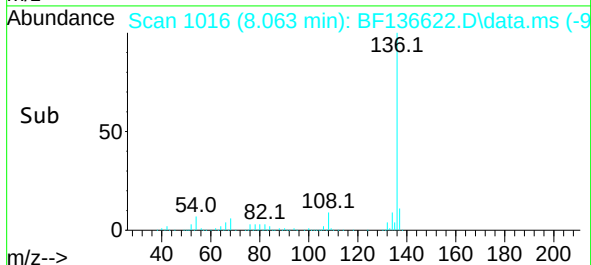
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

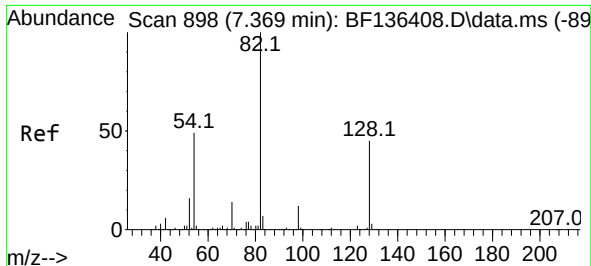


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10



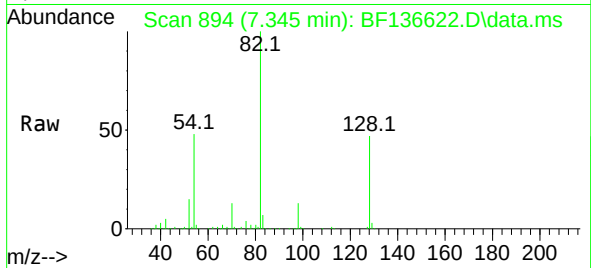
Tgt Ion:136 Resp: 321915
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.4 5.7 8.5
68 5.5 4.0 6.0





#23
Nitrobenzene-d5
Concen: 53.879 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

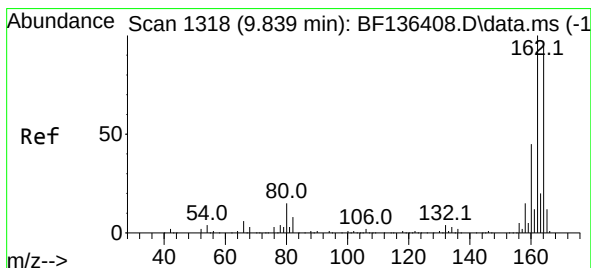
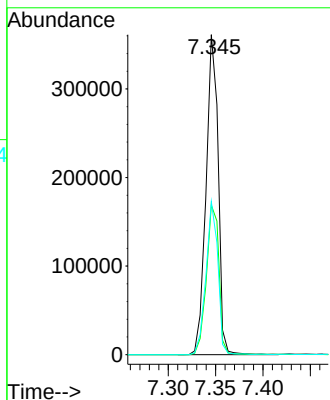
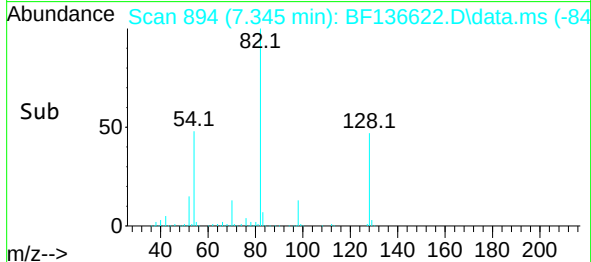
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOILRE



Tgt Ion: 82 Resp: 32083
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 47.9 39.0 58.6

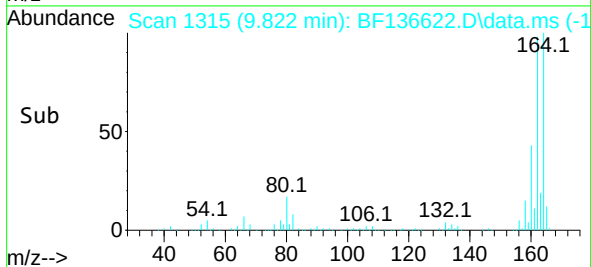
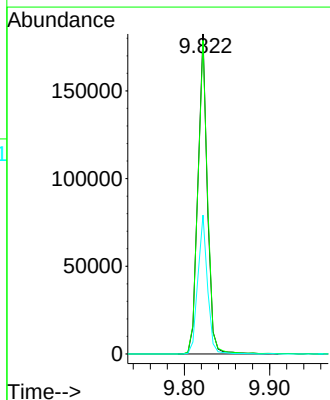
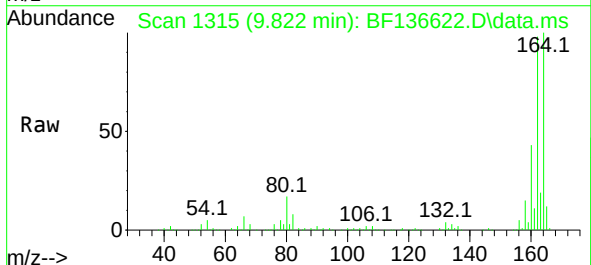
Manual Integrations
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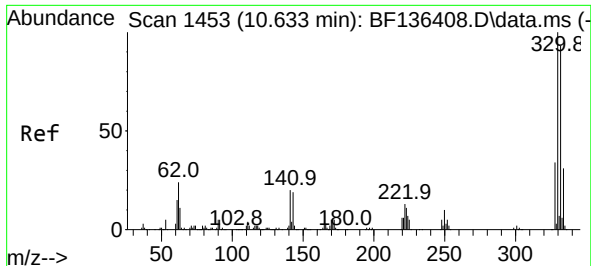
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

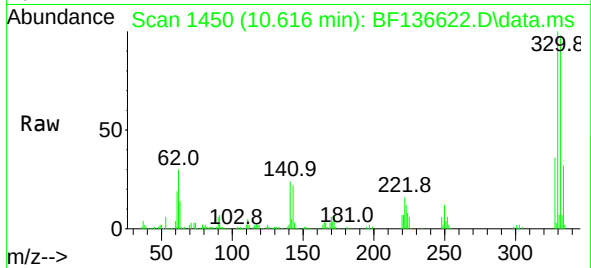
Tgt Ion:164 Resp: 140547
Ion Ratio Lower Upper
164 100
162 98.0 84.4 126.6
160 43.4 37.6 56.4





#42
2,4,6-Tribromophenol
Concen: 61.227 ng
RT: 10.616 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

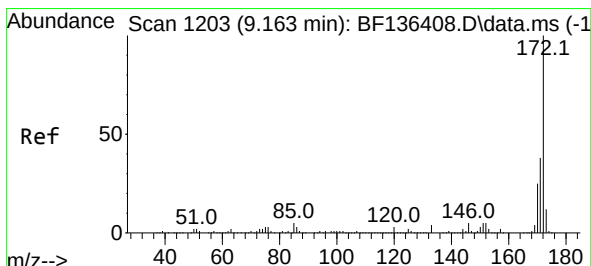
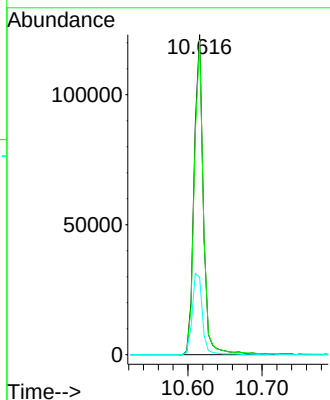
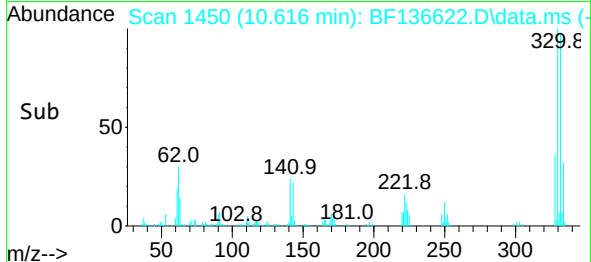
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOILRE



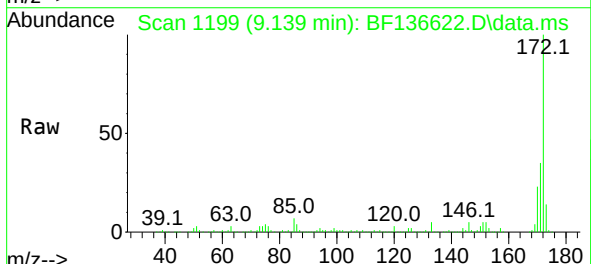
Tgt Ion: 330 Resp: 106104
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 28.2 23.4 35.2

Manual Integrations
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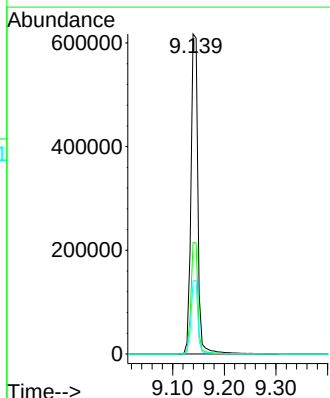
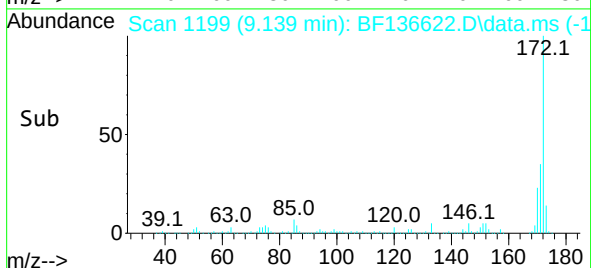
Reviewed By : Yogesh Patel 12/19/2023
Supervised By : mohammad ahmed 12/19/2023

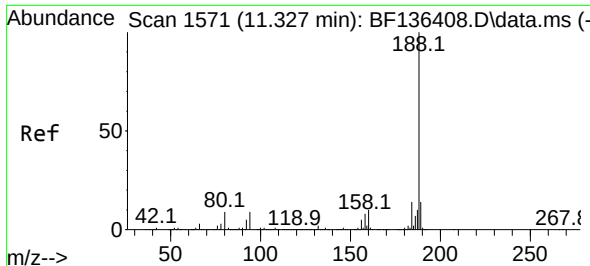


#45
2-Fluorobiphenyl
Concen: 56.242 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10



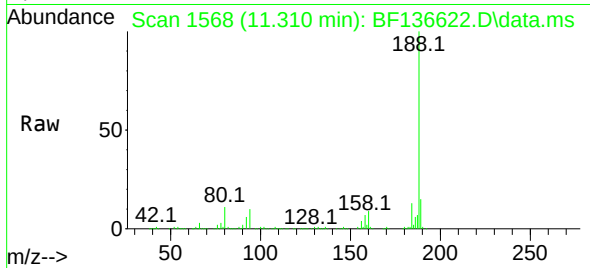
Tgt Ion: 172 Resp: 579307
Ion Ratio Lower Upper
172 100
171 34.9 30.5 45.7
170 22.8 19.9 29.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

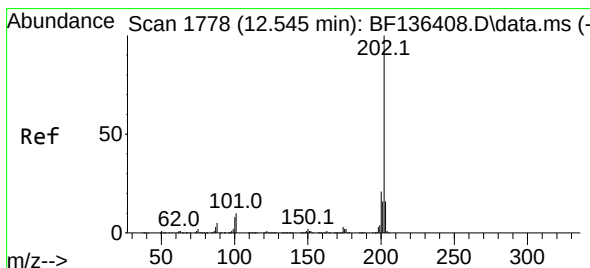
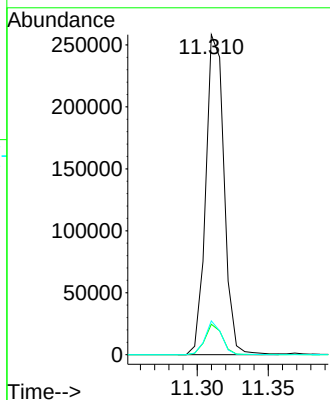
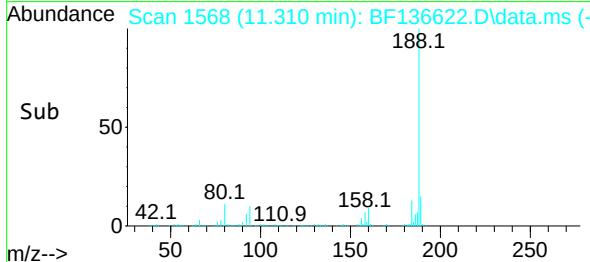
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-SOILRE



Tgt Ion:188 Resp: 230800
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.5 7.2 10.8

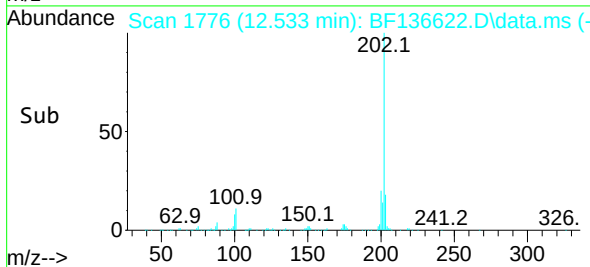
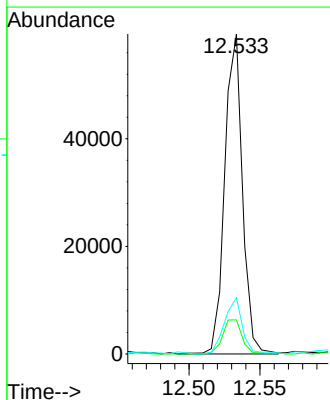
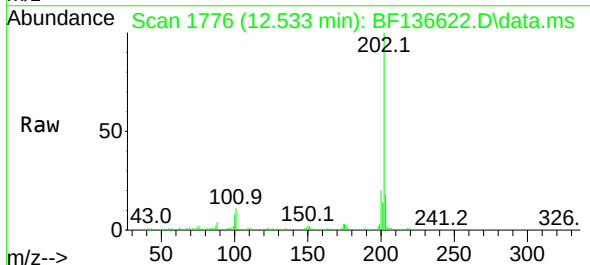
Manual Integrations
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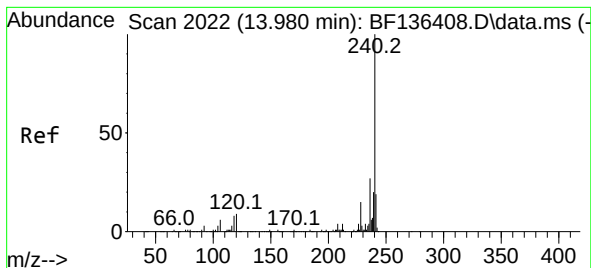
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#75
Fluoranthene
Concen: 3.869 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

Tgt Ion:202 Resp: 51437
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.9
203 17.6 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136622.D

Acq: 18 Dec 2023 19:10

Instrument :

BNA_F

ClientSampleId :

ELM-N7THSTREET-DRUMS-SOILRE

Tgt Ion:240 Resp: 21719

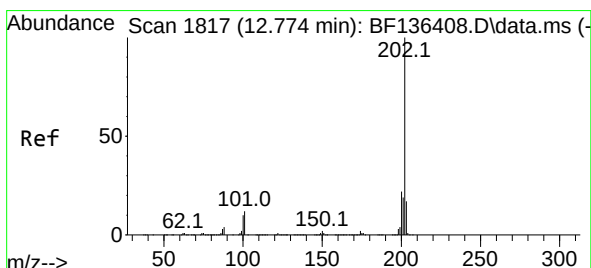
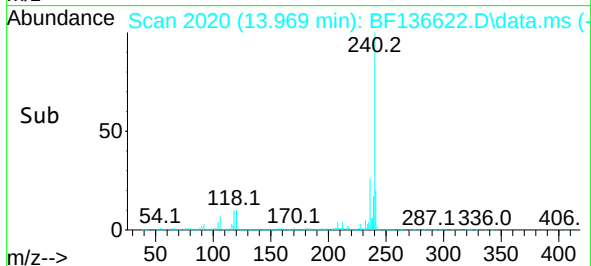
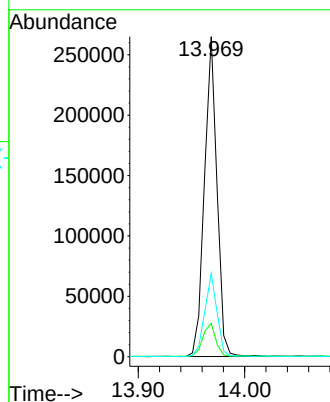
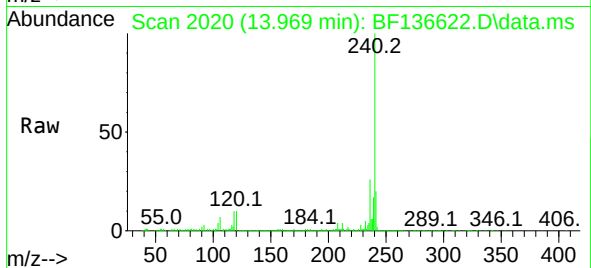
Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.3	10.9
236	26.0	21.3	31.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#78

Pyrene

Concen: 2.223 ng

RT: 12.763 min Scan# 1815

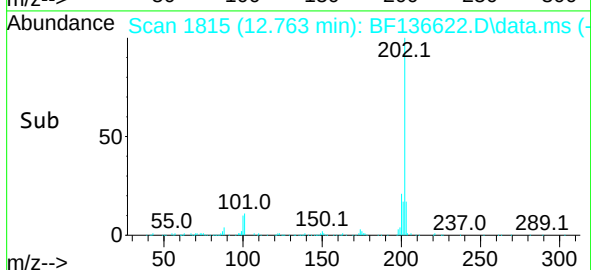
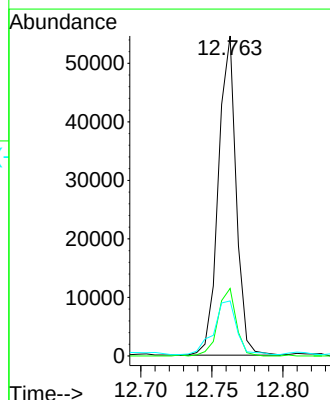
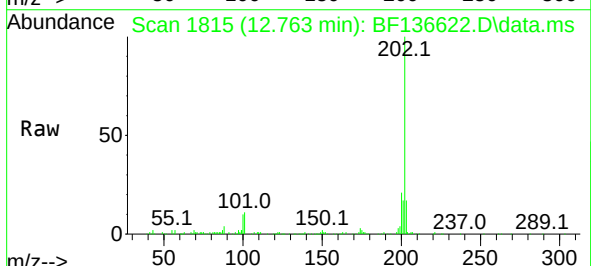
Delta R.T. -0.012 min

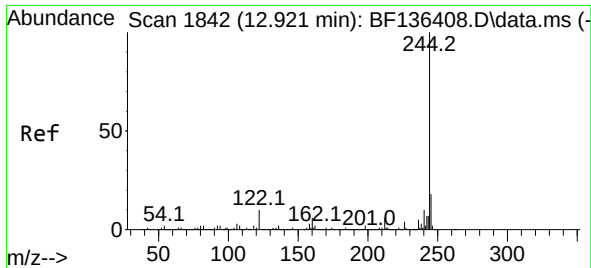
Lab File: BF136622.D

Acq: 18 Dec 2023 19:10

Tgt Ion:202 Resp: 47293

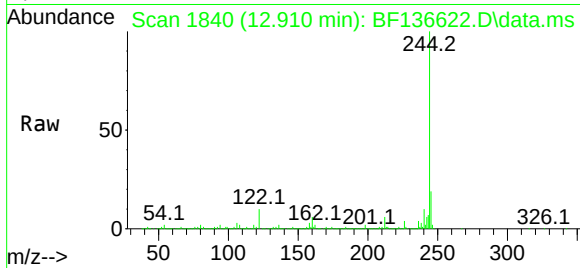
Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	17.2	13.5	20.3





#79
 Terphenyl-d14
 Concen: 36.576 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136622.D
 Acq: 18 Dec 2023 19:10

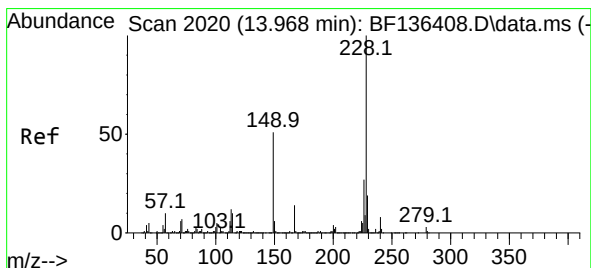
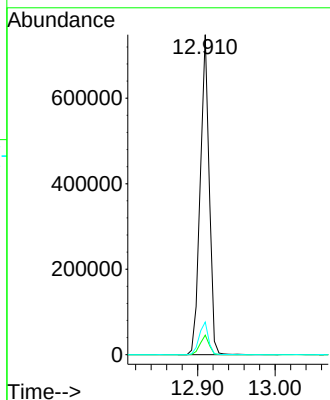
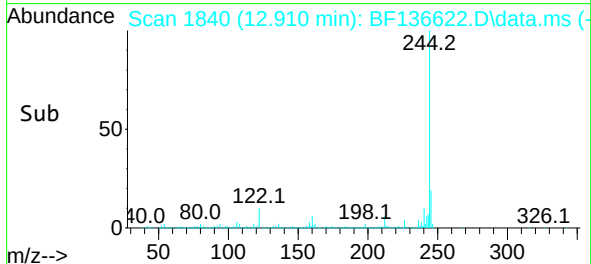
Instrument :
 BNA_F
 ClientSampleId :
 ELM-N7THSTREET-DRUMS-SOILRE



Tgt Ion:244 Resp: 60272
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.2 8.3 12.5

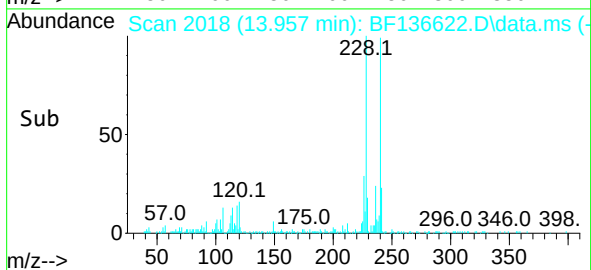
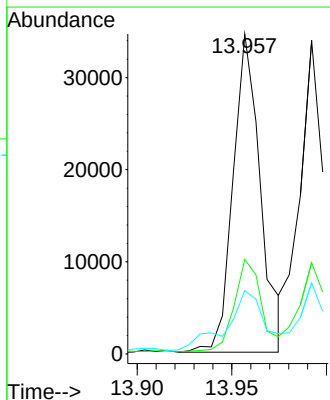
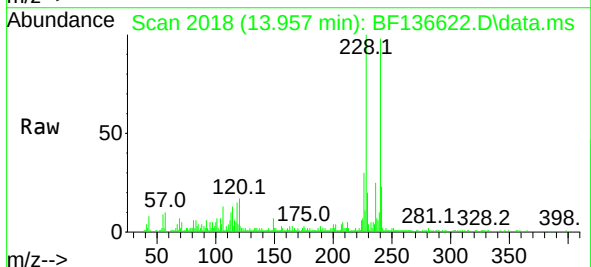
Manual Integrations
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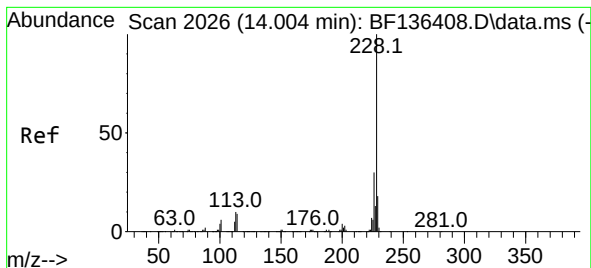
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023



#81
 Benzo(a)anthracene
 Concen: 2.301 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.012 min
 Lab File: BF136622.D
 Acq: 18 Dec 2023 19:10

Tgt Ion:228 Resp: 34815
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.8 32.8
 229 19.8 15.0 22.4





#83

Chrysene

Concen: 2.030 ng m

RT: 13.992 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136622.D

Acq: 18 Dec 2023 19:10

Instrument :

BNA_F

ClientSampleId :

ELM-N7THSTREET-DRUMS-SOILRE

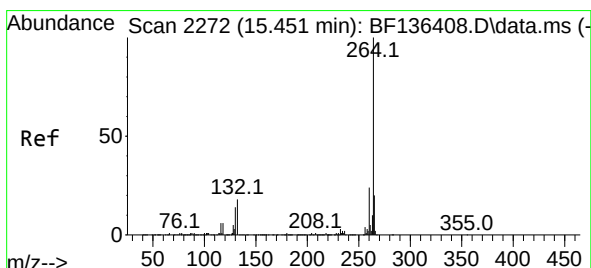
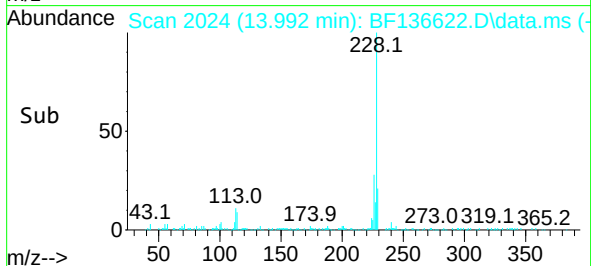
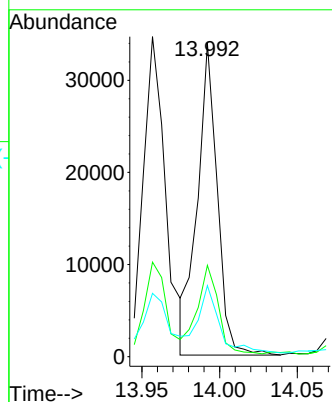
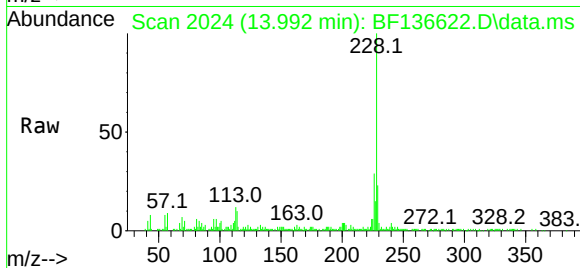
Tgt Ion:	228	Resp:	3021
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.8	35.6
229	22.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#86

Perylene-d12

Concen: 20.000 ng

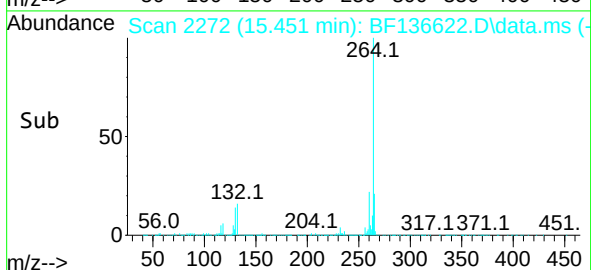
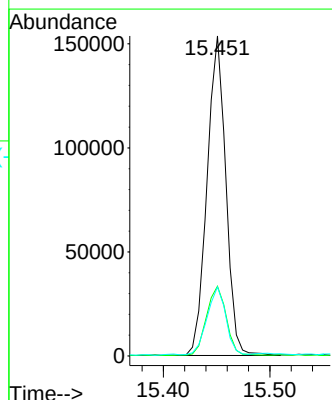
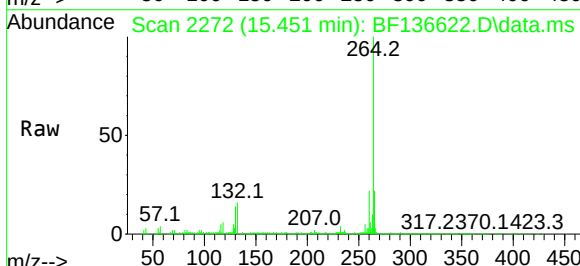
RT: 15.451 min Scan# 2272

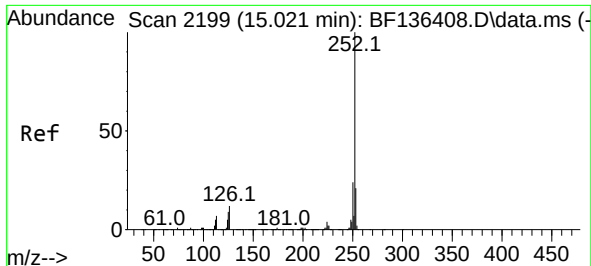
Delta R.T. -0.006 min

Lab File: BF136622.D

Acq: 18 Dec 2023 19:10

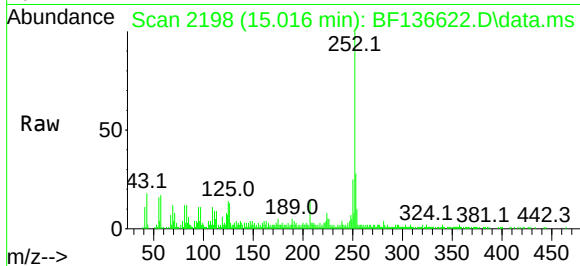
Tgt Ion:	264	Resp:	188149
Ion Ratio	Lower	Upper	
264	100		
260	21.8	19.2	28.8
265	21.6	15.9	23.9





#88
Benzo(b)fluoranthene
Concen: 2.843 ng m
RT: 15.016 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

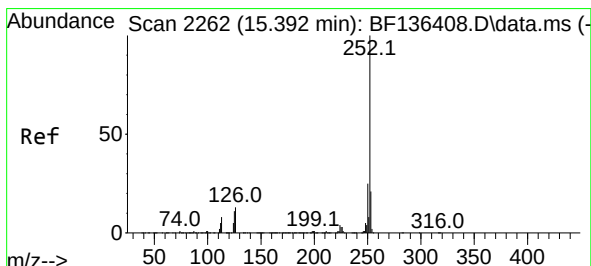
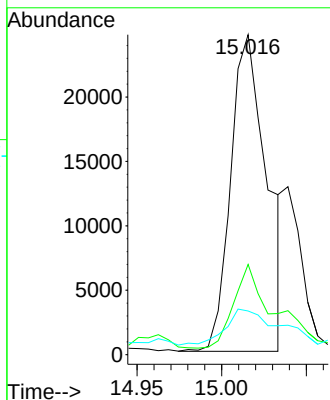
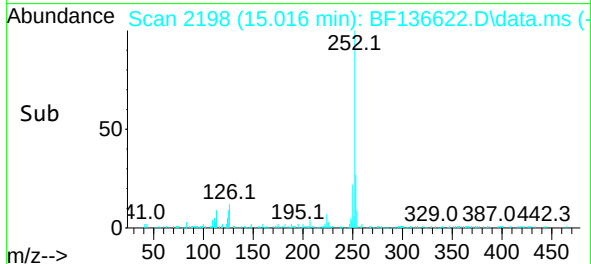
Instrument : BNA_F
ClientSampleId : ELM-N7THSTREET-DRUMS-SOILRE



Tgt Ion:252 Resp: 3656
Ion Ratio Lower Upper
252 100
253 28.2 16.9 25.3#
125 13.7 7.4 11.2#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#90
Benzo(a)pyrene
Concen: 2.048 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BF136622.D
Acq: 18 Dec 2023 19:10

Tgt Ion:252 Resp: 21755
Ion Ratio Lower Upper
252 100
253 25.6 17.0 25.4#
125 15.7 8.6 13.0#

