

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135120.D
 Acq On : 06 Sep 2023 05:30
 Operator : CG\JU
 Sample : 04202-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 05:59:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	101777	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	405722	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	191852	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	296364	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	197209	20.000	ng	0.00
86) Perylene-d12	15.421	264	173019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	557885	84.667	ng	0.00
7) Phenol-d6	6.410	99	677080	82.441	ng	0.00
23) Nitrobenzene-d5	7.334	82	424329	58.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	146067	71.772	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	751509	63.775	ng	-0.01
79) Terphenyl-d14	12.898	244	629268	52.072	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.322	178	62719	4.102	ng	99
75) Fluoranthene	12.516	202	100027	6.471	ng	97
78) Pyrene	12.751	202	92473	4.939	ng	99
81) Benzo(a)anthracene	13.945	228	53137	3.950	ng	97
83) Chrysene	13.980	228	41422	3.133	ng	97
88) Benzo(b)fluoranthene	14.998	252	40505m	3.762	ng	
90) Benzo(a)pyrene	15.363	252	27543	2.754	ng	98

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

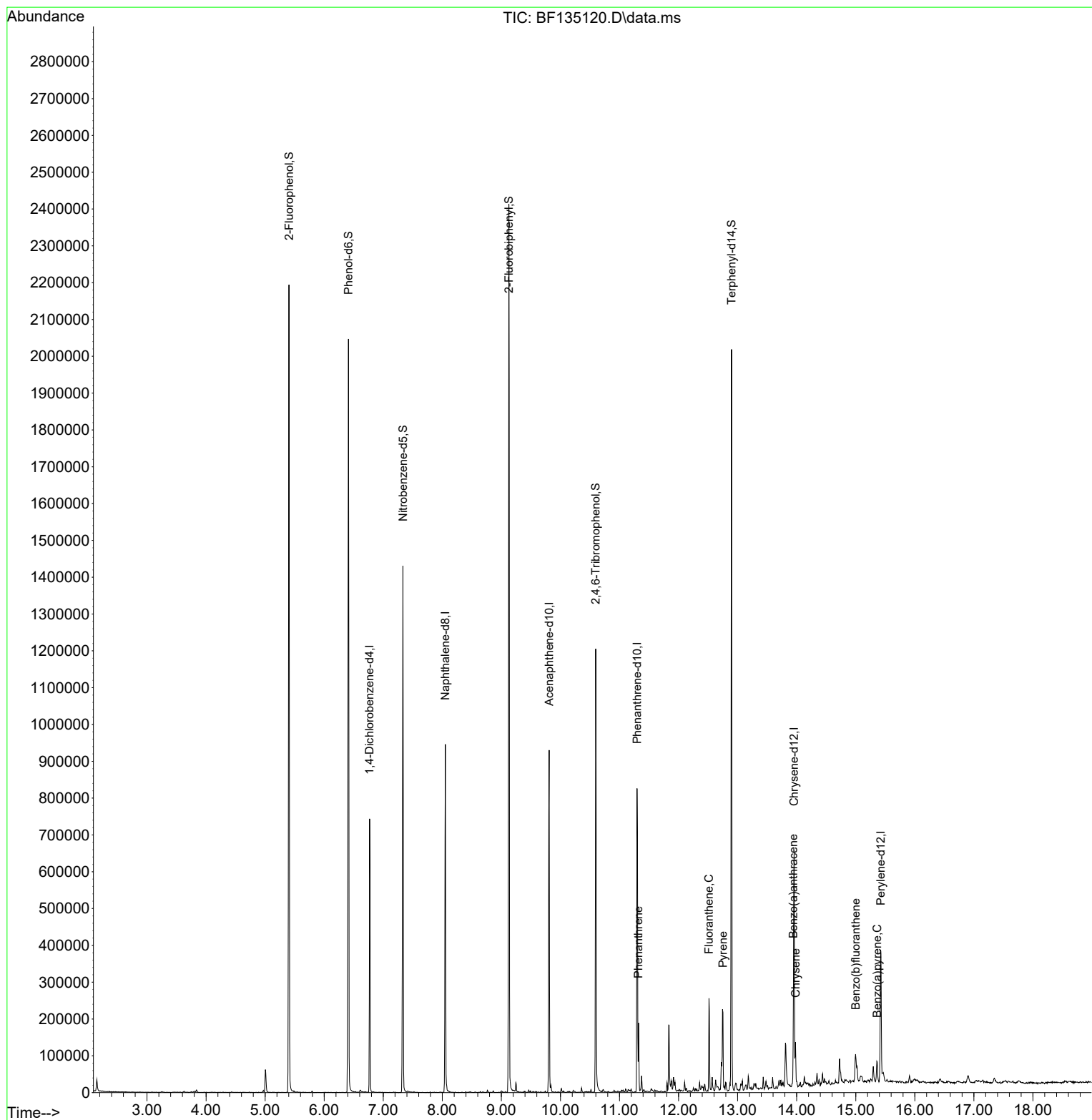
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135120.D
Acq On : 06 Sep 2023 05:30
Operator : CG\JU
Sample : 04202-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

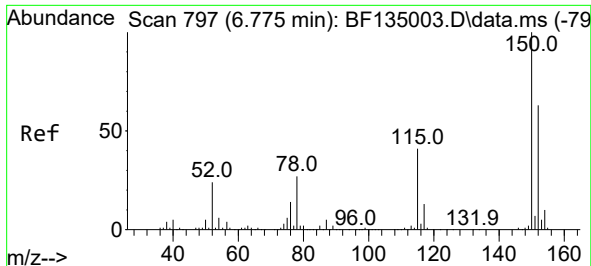
Instrument :
BNA_F
ClientSampleId :
C-1

Quant Time: Sep 06 05:59:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
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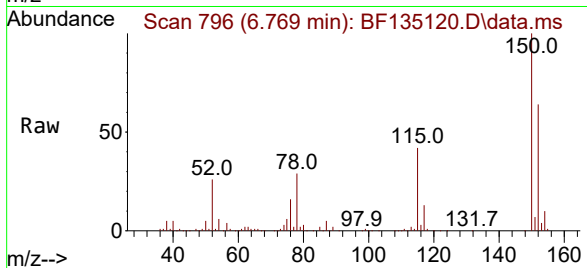
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

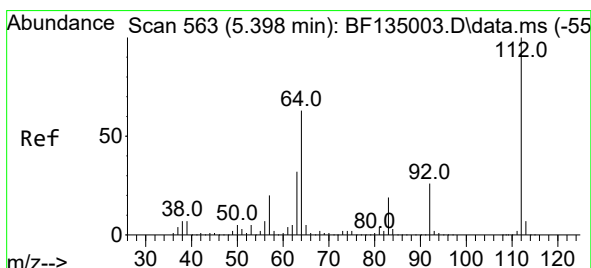
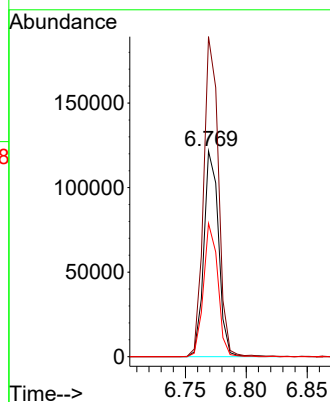
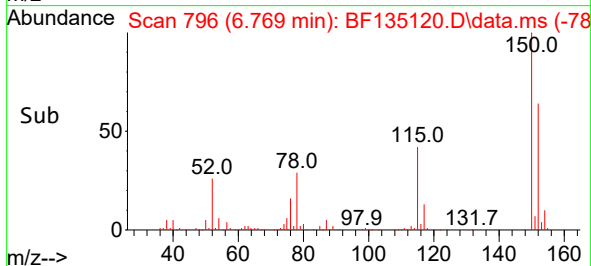
Instrument :
BNA_F
ClientSampleId :
C-1



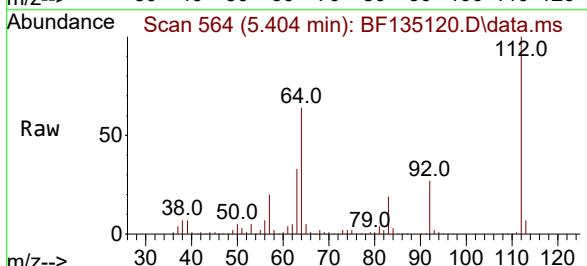
Tgt Ion:152 Resp: 101777
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.4
115 64.8 51.2 76.8

Manual Integrations
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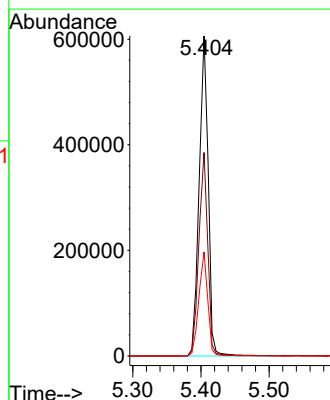
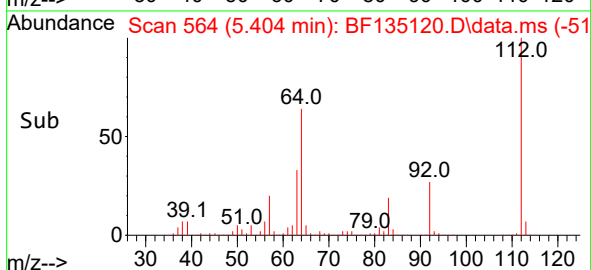
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

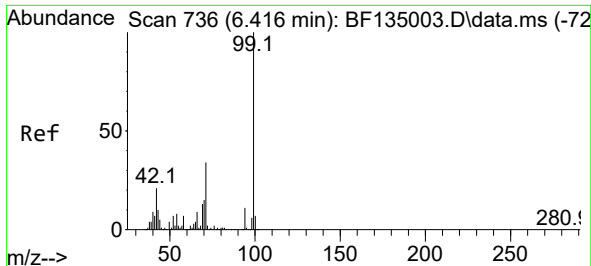


#5
2-Fluorophenol
Concen: 84.667 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30



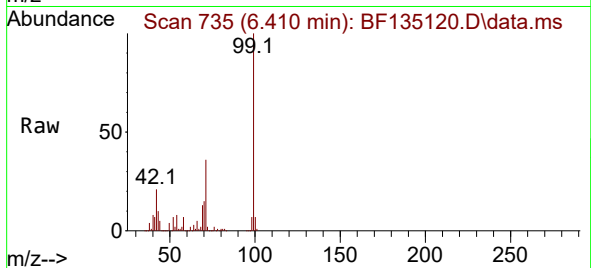
Tgt Ion:112 Resp: 557885
Ion Ratio Lower Upper
112 100
64 63.6 50.5 75.7
63 32.5 25.9 38.9





#7
Phenol-d6
Concen: 82.441 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

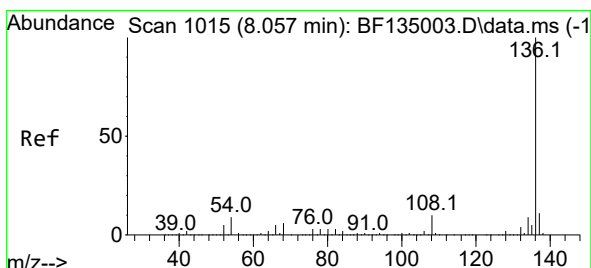
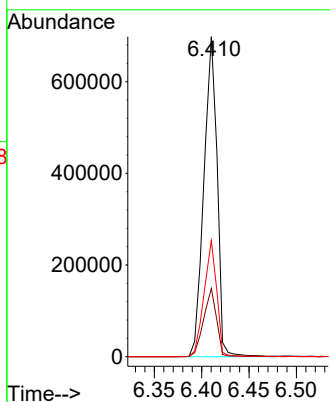
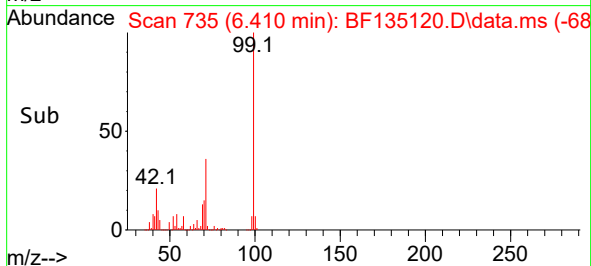
Instrument :
BNA_F
ClientSampleId :
C-1



Tgt Ion: 99 Resp: 677080
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 36.3 27.0 40.6

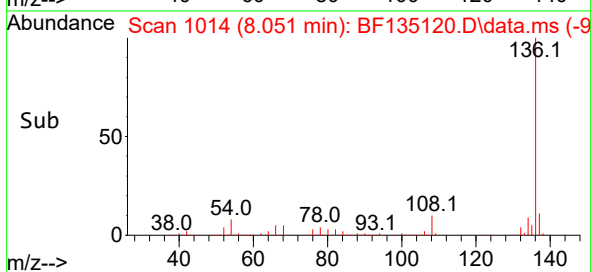
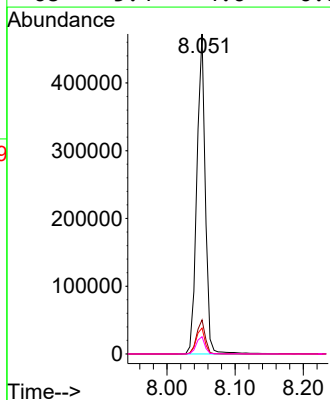
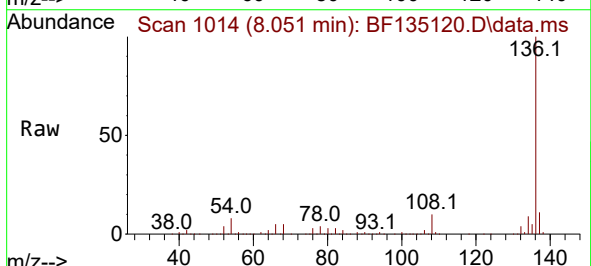
Manual Integrations
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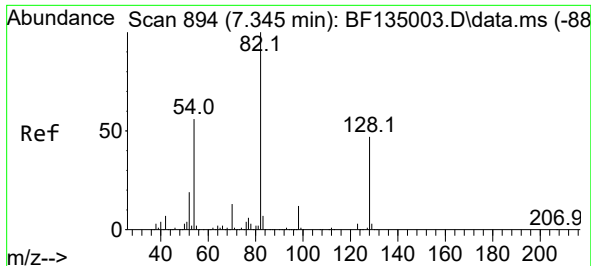
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

Tgt Ion:136 Resp: 405722
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 7.0 10.4
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 58.757 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135120.D

Acq: 06 Sep 2023 05:30

Instrument :

BNA_F

ClientSampleId :

C-1

Tgt Ion: 82 Resp: 424329

Ion Ratio Lower Upper

82 100

128 43.6 37.8 56.8

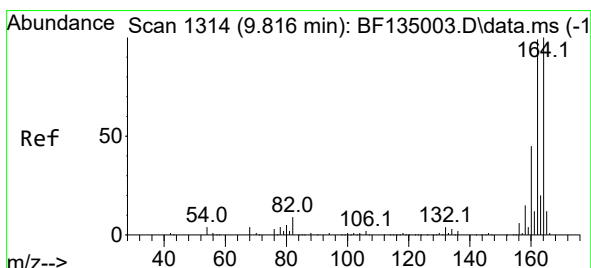
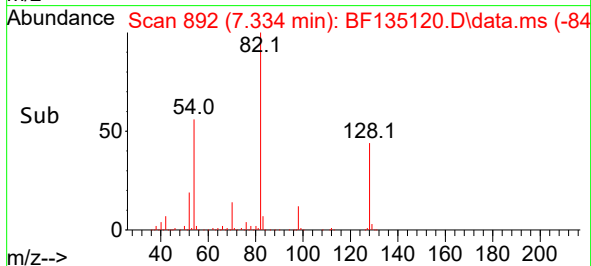
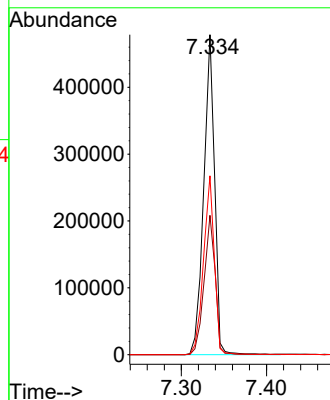
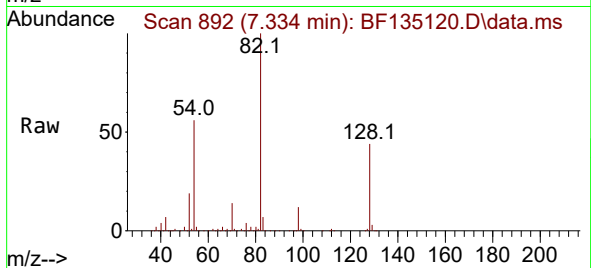
54 55.9 45.0 67.6

Manual Integrations

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Supervised By :mohammad ahmed 09/07/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135120.D

Acq: 06 Sep 2023 05:30

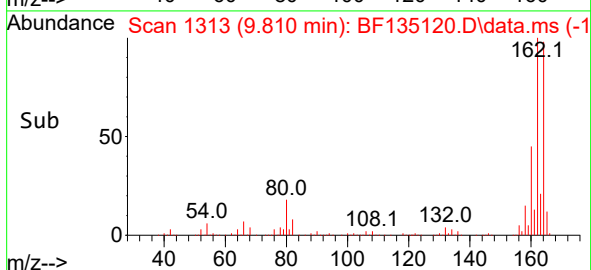
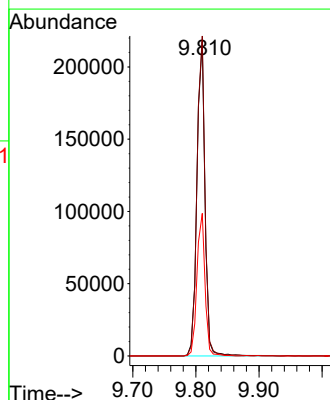
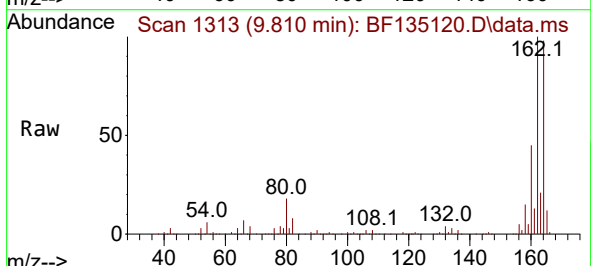
Tgt Ion:164 Resp: 191852

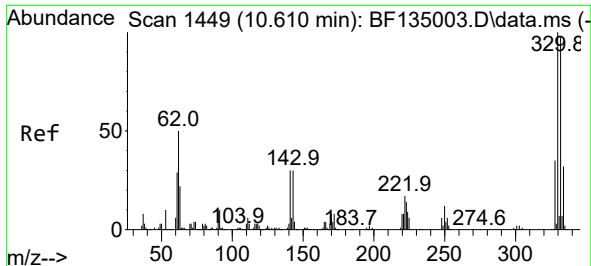
Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 45.3 36.0 54.0





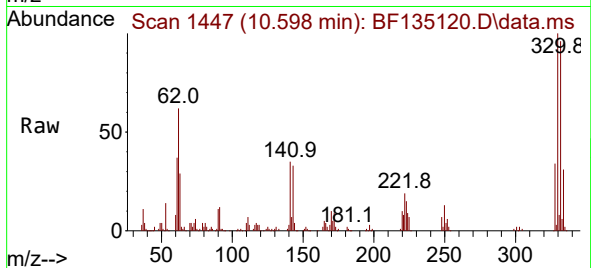
#42
2,4,6-Tribromophenol
Concen: 71.772 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

Instrument :

BNA_F

ClientSampleId :

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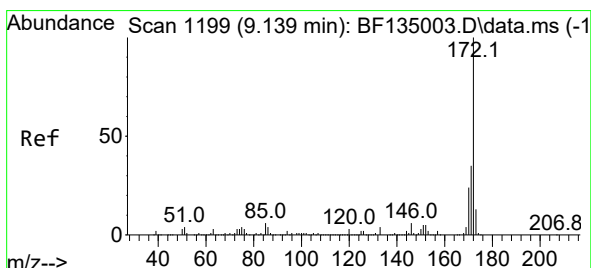
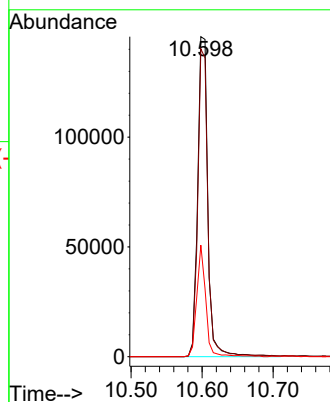
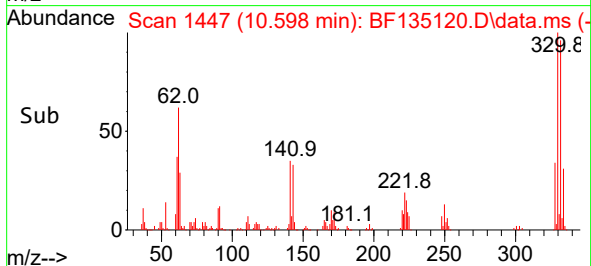
Tgt Ion:330 Resp: 14606
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 30.9 26.3 39.5

Manual Integrations

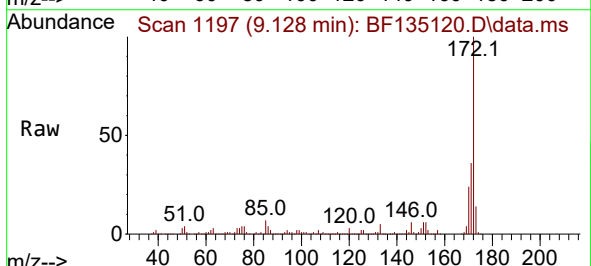
APPROVED

Reviewed By :Yogesh Patel 09/06/2023

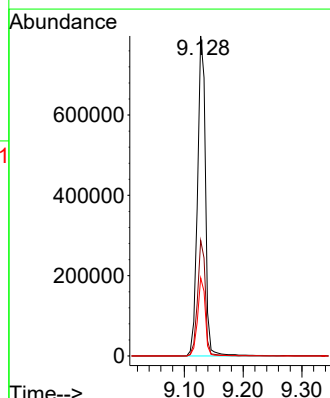
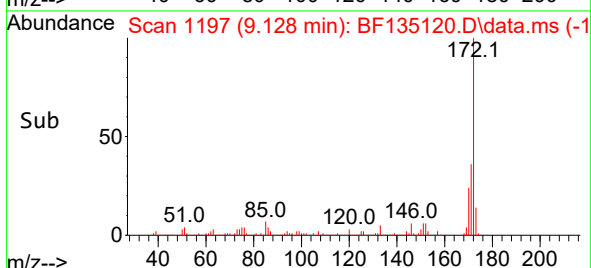
Supervised By :mohammad ahmed 09/07/2023

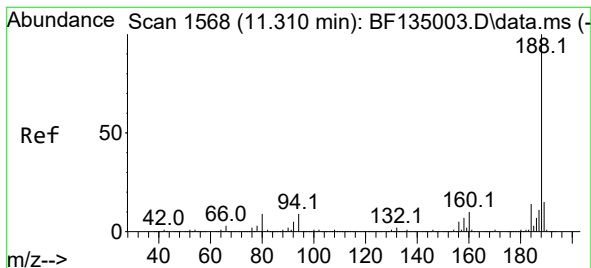


#45
2-Fluorobiphenyl
Concen: 63.775 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30



Tgt Ion:172 Resp: 751509
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135120.D

Acq: 06 Sep 2023 05:30

Instrument :

BNA_F

ClientSampleId :

C-1

Tgt Ion:188 Resp: 296364

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

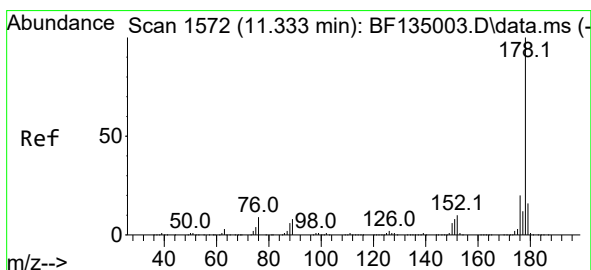
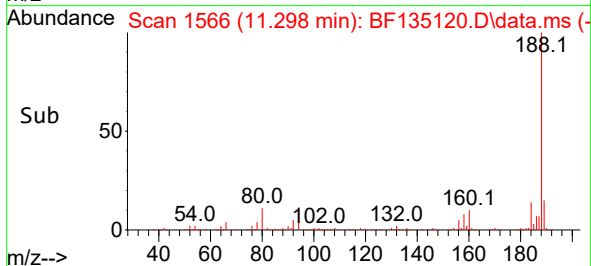
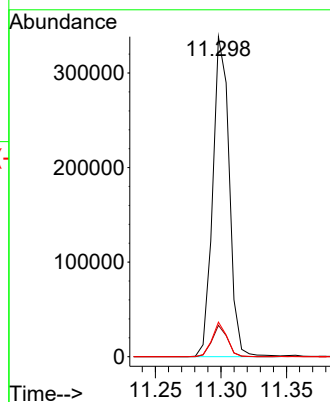
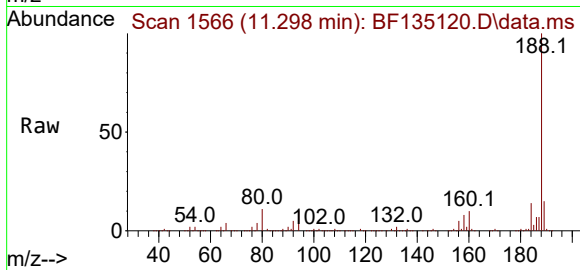
80 10.8 7.4 11.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#71

Phenanthrene

Concen: 4.102 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.012 min

Lab File: BF135120.D

Acq: 06 Sep 2023 05:30

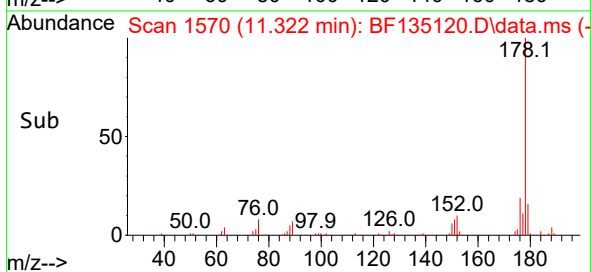
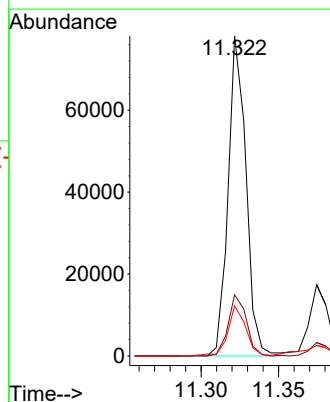
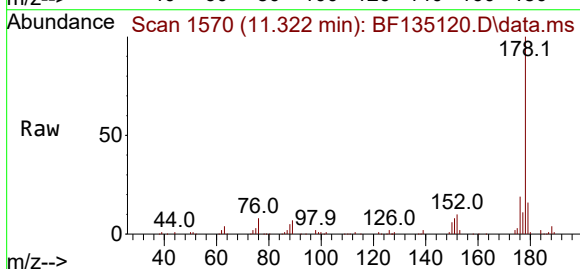
Tgt Ion:178 Resp: 62719

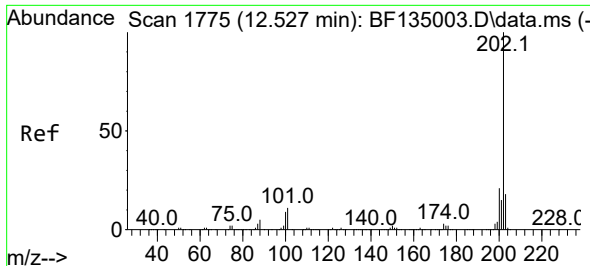
Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

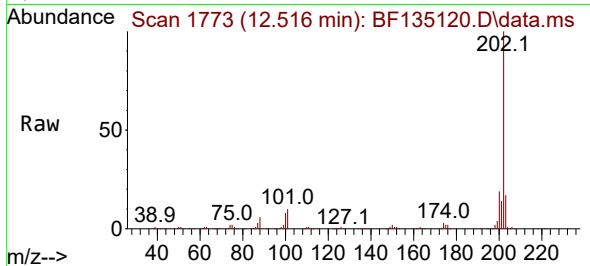
179 15.6 12.5 18.7





#75
Fluoranthene
Concen: 6.471 ng
RT: 12.516 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

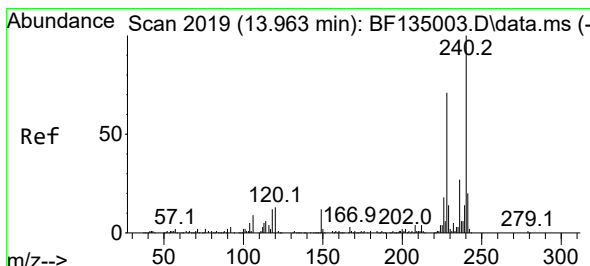
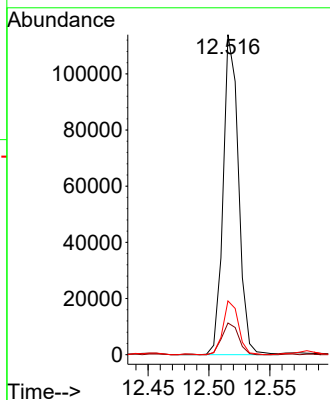
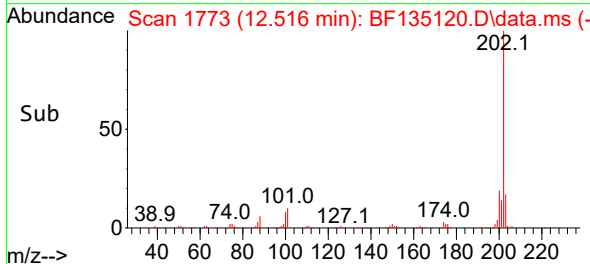
Instrument :
BNA_F
ClientSampleId :
C-1



Tgt Ion:202 Resp: 100021
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.5
203 16.8 0.0 37.8

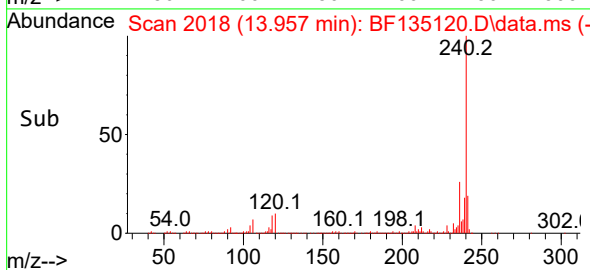
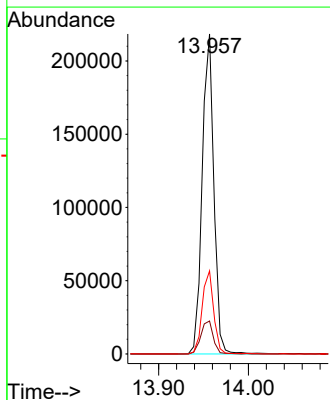
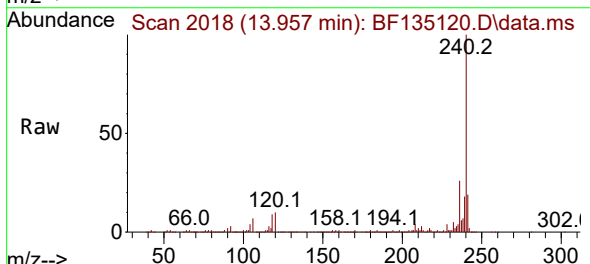
Manual Integrations
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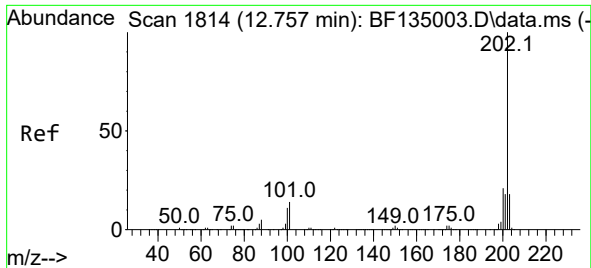
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

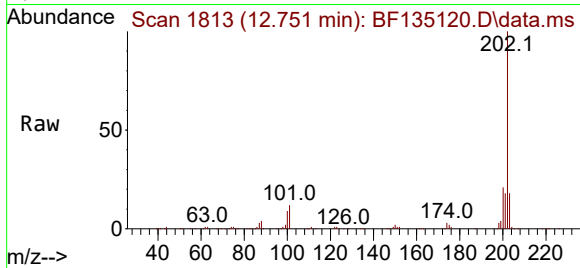
Tgt Ion:240 Resp: 197209
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.2
236 26.0 21.3 31.9





#78
Pyrene
Concen: 4.939 ng
RT: 12.751 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

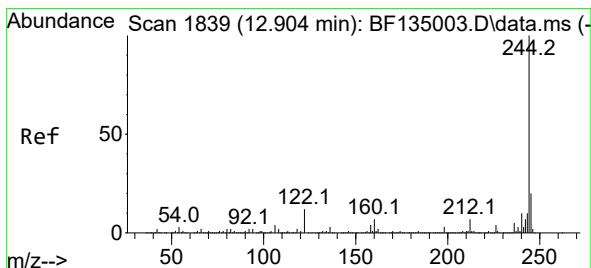
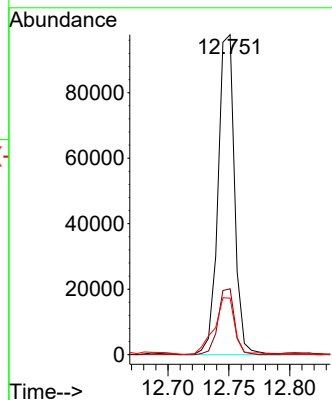
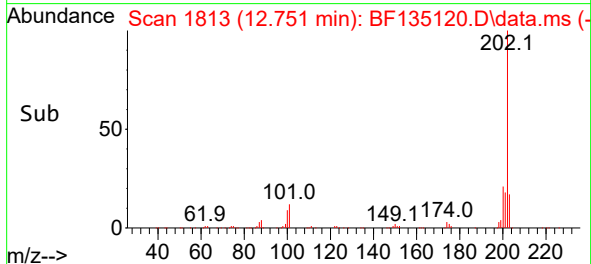
Instrument :
BNA_F
ClientSampleId :
C-1



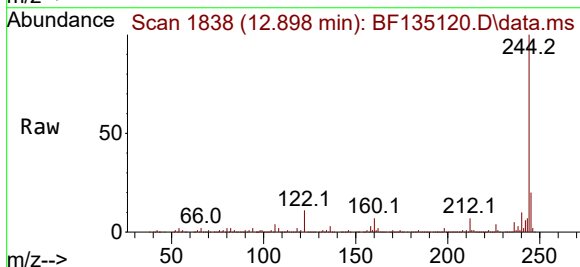
Tgt Ion:202 Resp: 9247
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 17.7 14.2 21.2

Manual Integrations
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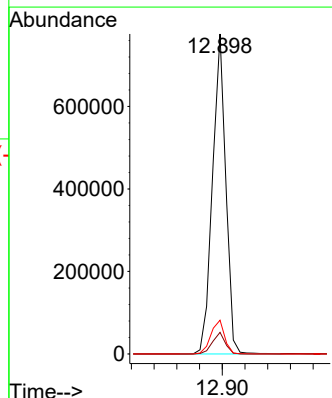
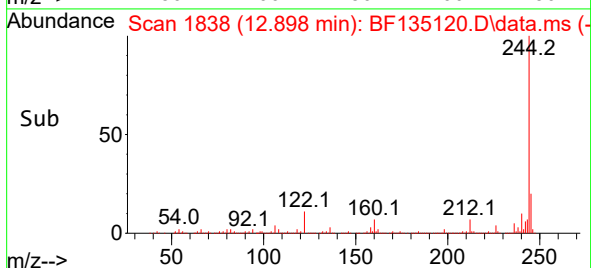
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

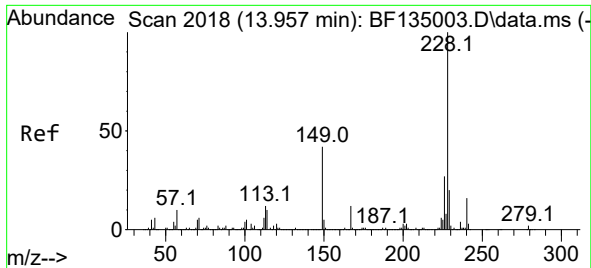


#79
Terphenyl-d14
Concen: 52.072 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30



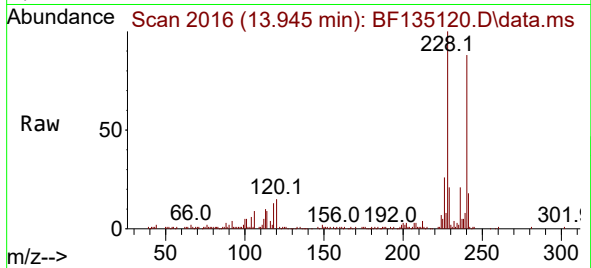
Tgt Ion:244 Resp: 629268
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.5 9.8 14.6





#81
Benzo(a)anthracene
Concen: 3.950 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

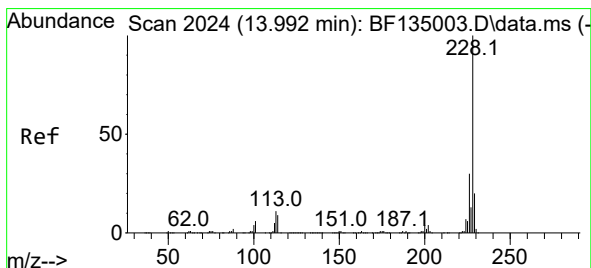
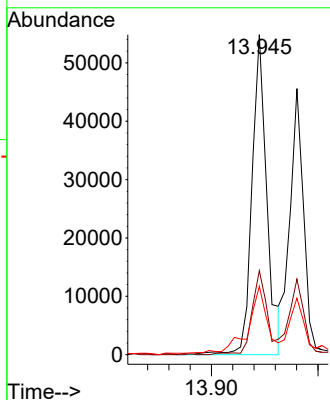
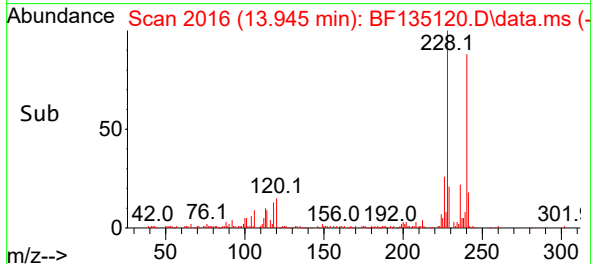
Instrument :
BNA_F
ClientSampleId :
C-1



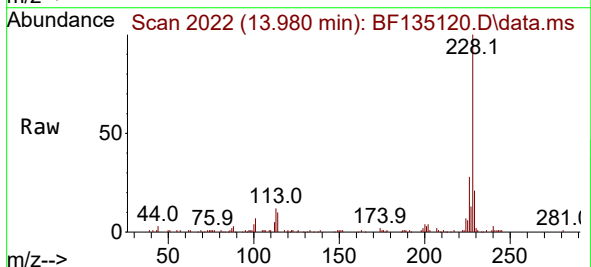
Tgt Ion:228 Resp: 5313
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 21.3 15.6 23.4

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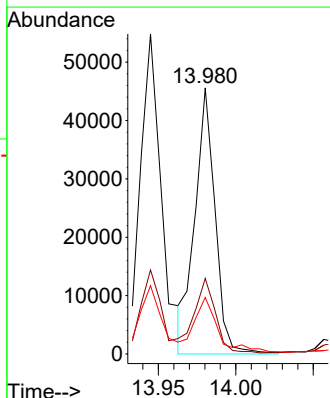
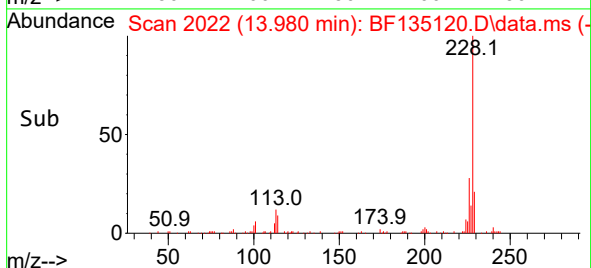
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

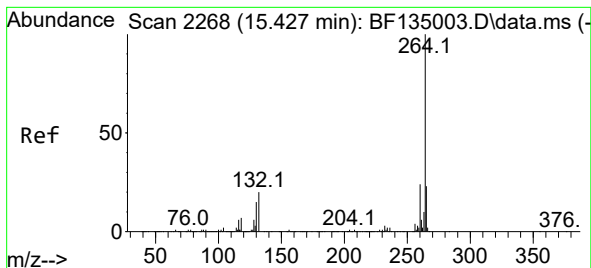


#83
Chrysene
Concen: 3.133 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30



Tgt Ion:228 Resp: 41422
Ion Ratio Lower Upper
228 100
226 28.4 24.2 36.4
229 21.2 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF135120.D

Acq: 06 Sep 2023 05:30

Instrument :

BNA_F

ClientSampleId :

C-1

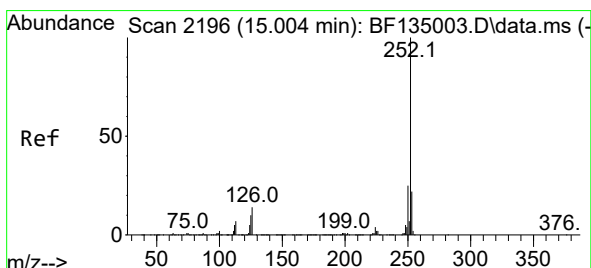
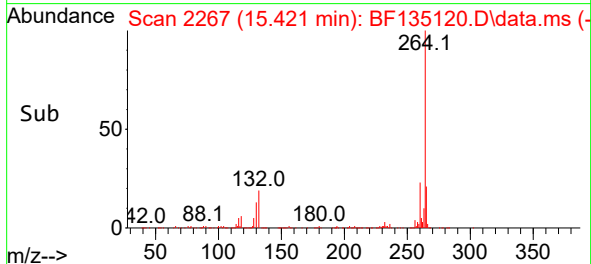
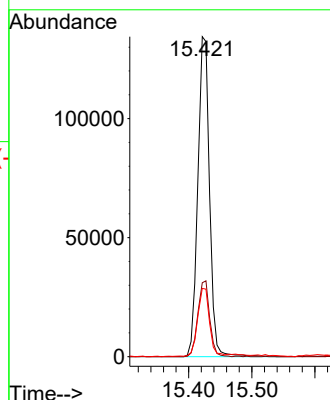
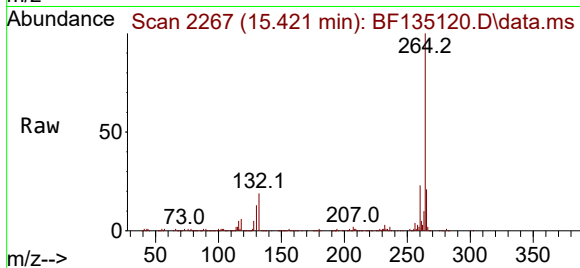
Tgt Ion:264	Resp: 173019
Ion Ratio	Lower Upper
264 100	
260 23.1	19.0 28.6
265 21.4	18.2 27.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#88

Benzo(b)fluoranthene

Concen: 3.762 ng m

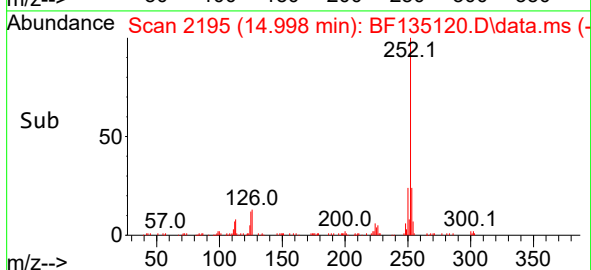
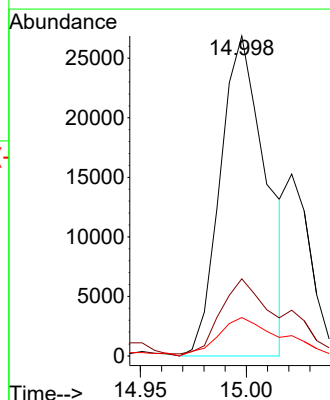
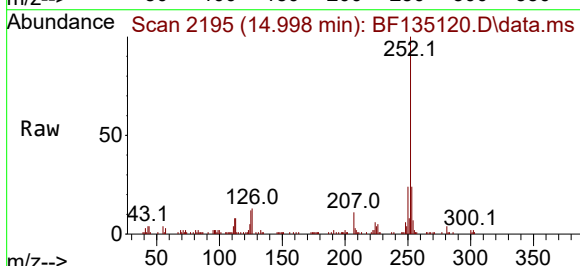
RT: 14.998 min Scan# 2195

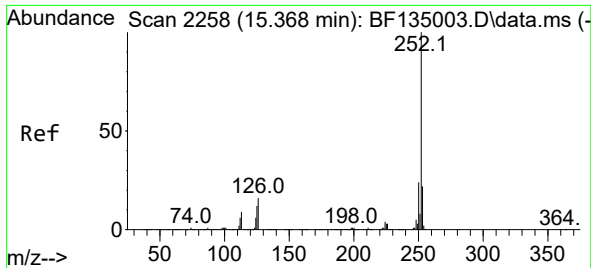
Delta R.T. -0.006 min

Lab File: BF135120.D

Acq: 06 Sep 2023 05:30

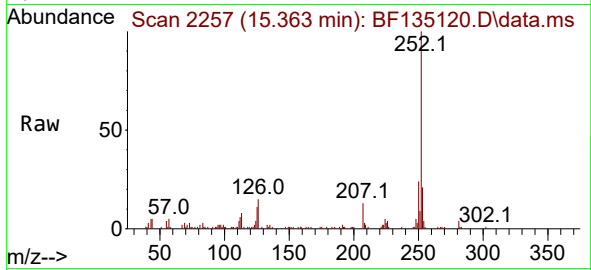
Tgt Ion:252	Resp: 40505
Ion Ratio	Lower Upper
252 100	
253 24.1	17.8 26.8
125 12.0	8.4 12.6





#90
Benzo(a)pyrene
Concen: 2.754 ng
RT: 15.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135120.D
Acq: 06 Sep 2023 05:30

Instrument :
BNA_F
ClientSampleId :
C-1



Tgt Ion:252 Resp: 2754
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.0
125 11.2 9.5 14.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

