

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135355.D
 Acq On : 20 Sep 2023 13:59
 Operator : CG\JU
 Sample : 04493-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 14:25:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	143779	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	546904	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	259814	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	436507	20.000	ng	0.00
76) Chrysene-d12	13.939	240	237452	20.000	ng	0.00
86) Perylene-d12	15.410	264	313365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	646594	73.144	ng	0.00
7) Phenol-d6	6.398	99	844218	75.104	ng	0.00
23) Nitrobenzene-d5	7.322	82	507225	50.388	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	165189	63.979	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	873058	50.698	ng	-0.01
79) Terphenyl-d14	12.880	244	627299	40.953	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.310	178	45435	2.201	ng	99
75) Fluoranthene	12.504	202	106783	4.964	ng	98
78) Pyrene	12.733	202	85291	3.773	ng	97
81) Benzo(a)anthracene	13.927	228	34619	2.258	ng	98
83) Chrysene	13.969	228	44186	2.898	ng	98
88) Benzo(b)fluoranthene	14.980	252	62782m	3.701	ng	
90) Benzo(a)pyrene	15.345	252	41178	2.545	ng	96

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

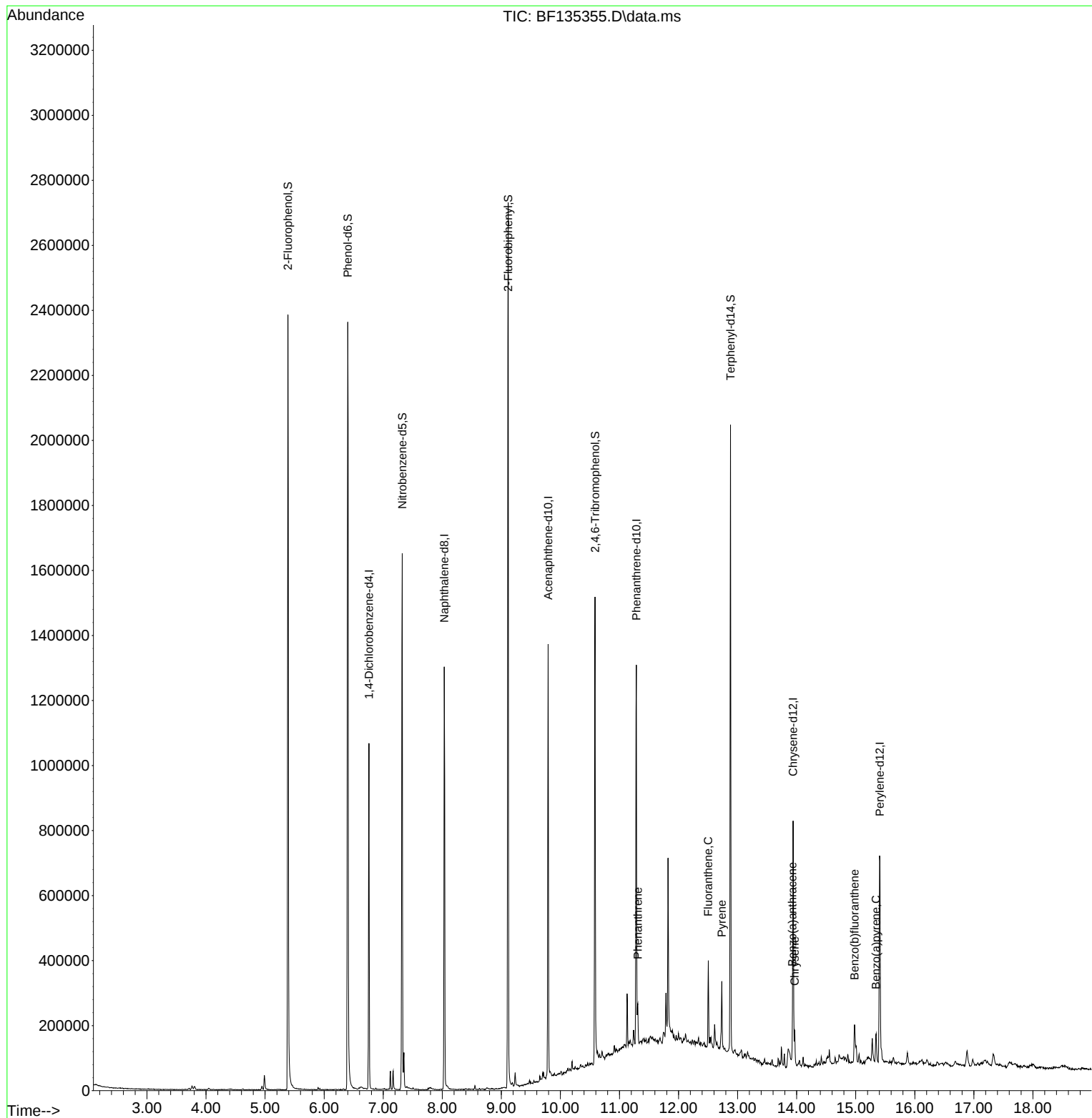
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
Data File : BF135355.D
Acq On : 20 Sep 2023 13:59
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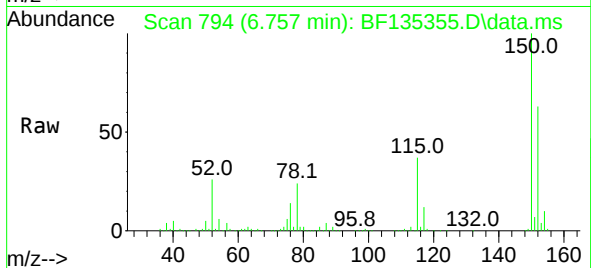
Quant Time: Sep 20 14:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

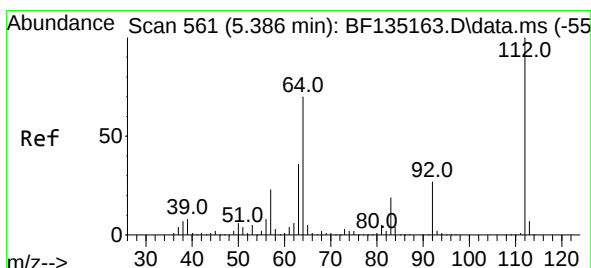
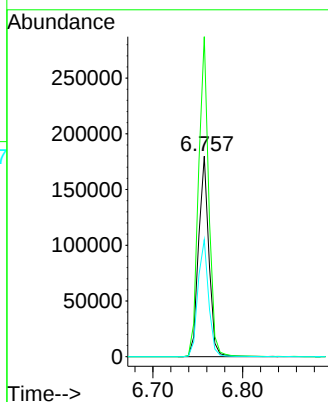
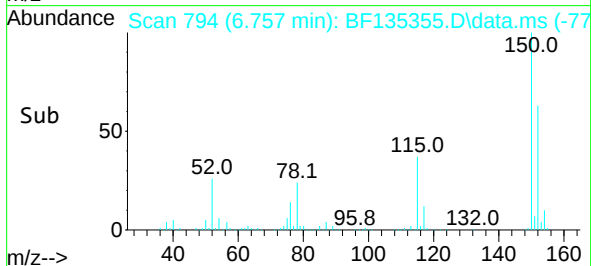
Instrument :
BNA_F
ClientSampleId :
WC-1



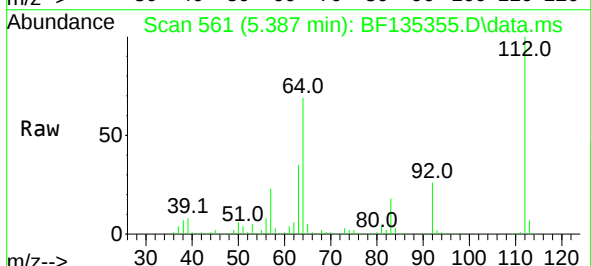
Tgt Ion:152 Resp: 143779
Ion Ratio Lower Upper
152 100
150 159.6 127.8 191.6
115 58.3 49.8 74.8

Manual Integrations
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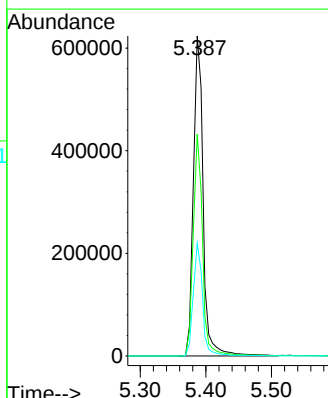
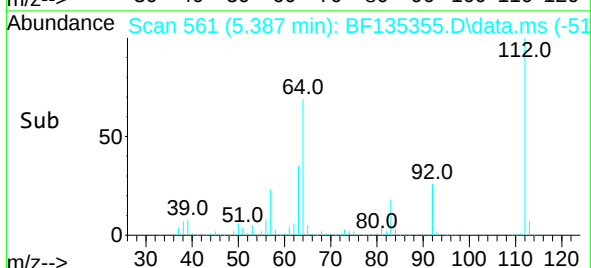
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

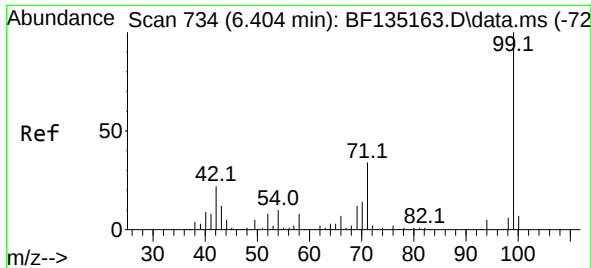


#5
2-Fluorophenol
Concen: 73.144 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59



Tgt Ion:112 Resp: 646594
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.2 29.0 43.6





#7

Phenol-d6

Concen: 75.104 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135355.D

Acq: 20 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion: 99 Resp: 844218

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

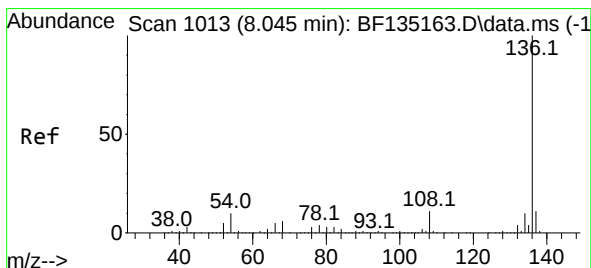
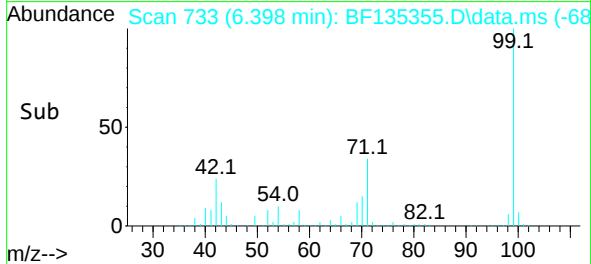
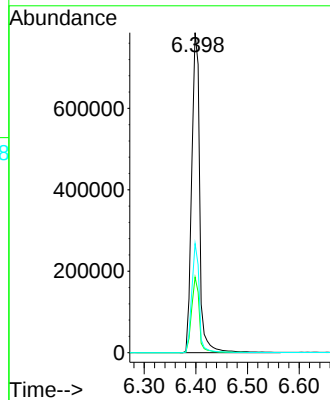
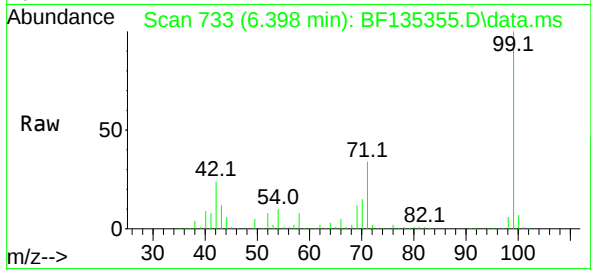
71 34.1 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/21/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135355.D

Acq: 20 Sep 2023 13:59

Tgt Ion:136 Resp: 546904

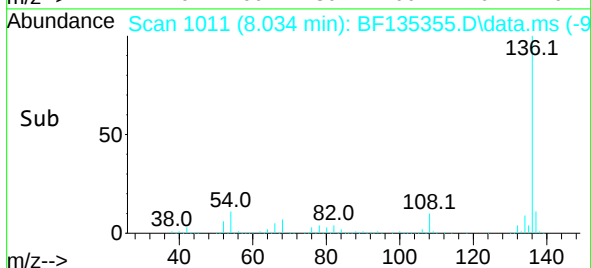
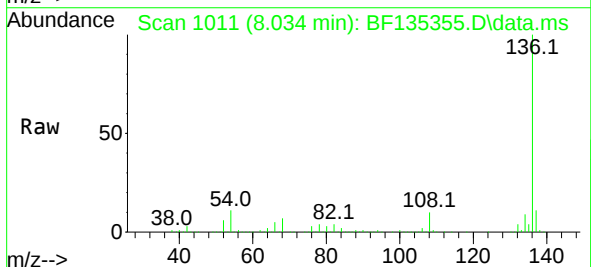
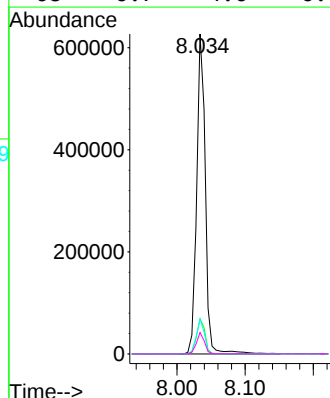
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.9 7.7 11.5

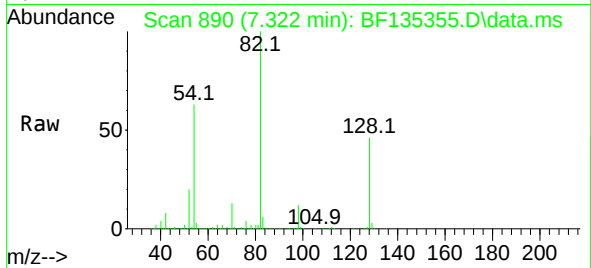
68 6.7 4.6 6.8





#23
Nitrobenzene-d5
Concen: 50.388 ng
RT: 7.322 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

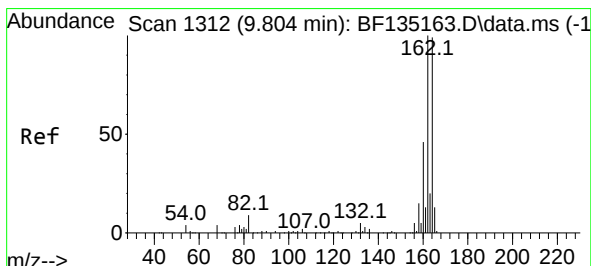
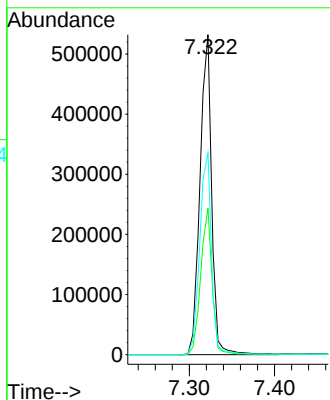
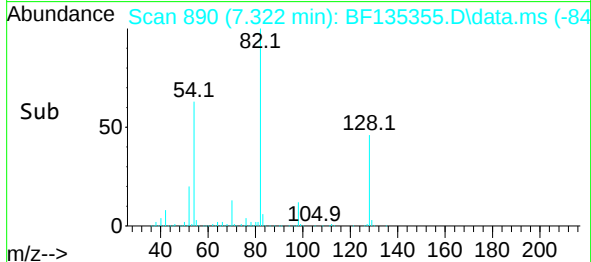
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 82 Resp: 507225
Ion Ratio Lower Upper
82 100
128 45.7 35.8 53.6
54 63.1 50.6 76.0

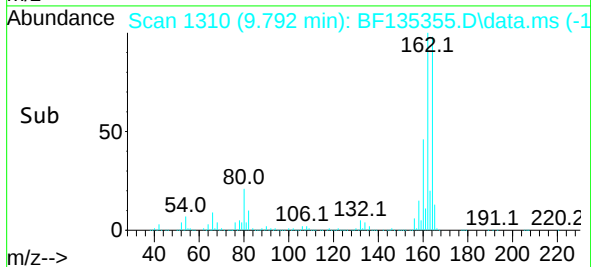
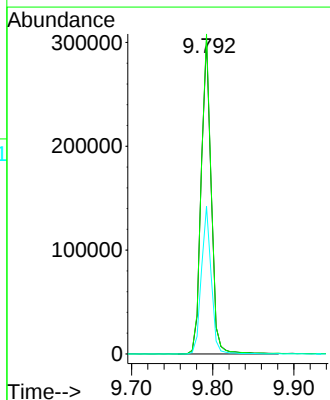
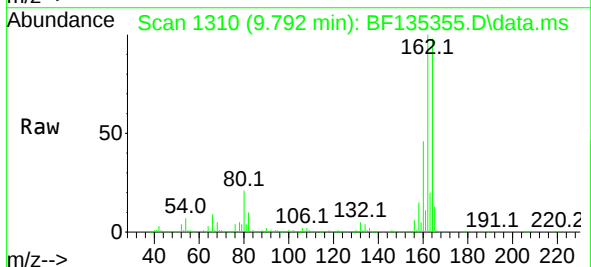
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Supervised By :mohammad ahmed 09/21/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

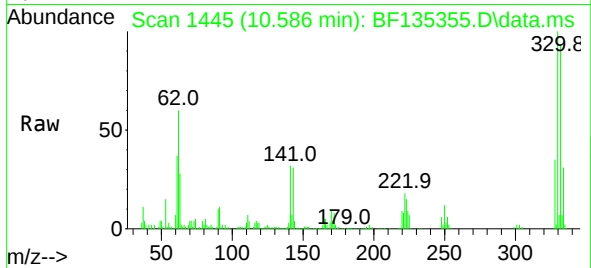
Tgt Ion:164 Resp: 259814
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 46.9 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 63.979 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

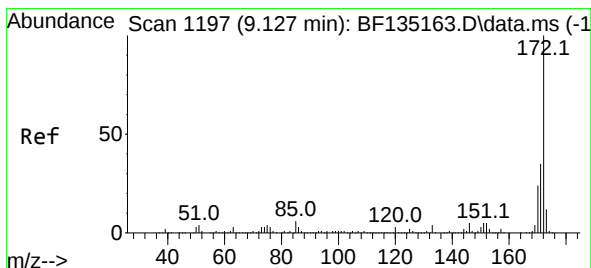
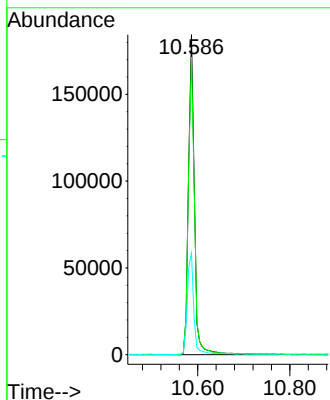
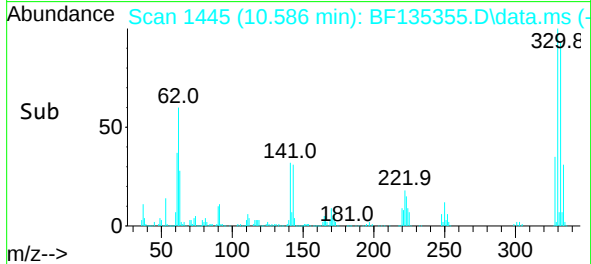
Instrument :
BNA_F
ClientSampleId :
WC-1



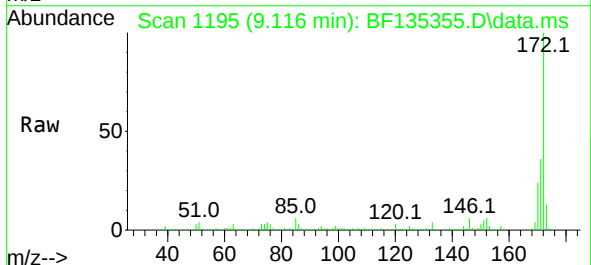
Tgt Ion:330 Resp: 165189
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 34.3 25.8 38.8

Manual Integrations
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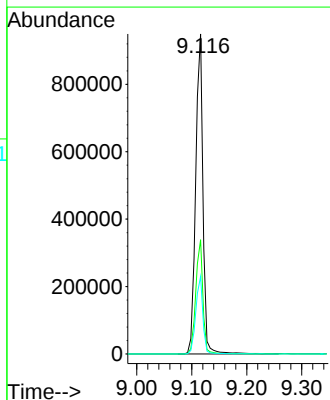
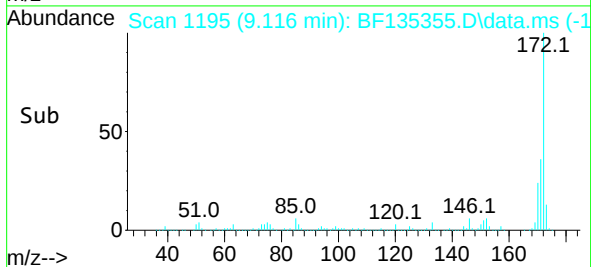
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

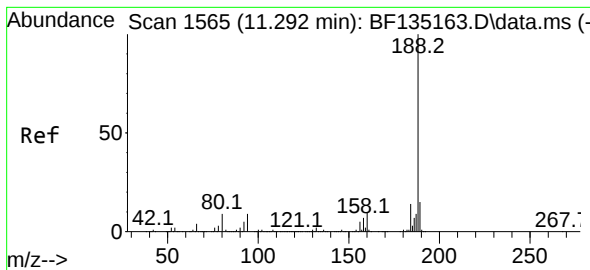


#45
2-Fluorobiphenyl
Concen: 50.698 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59



Tgt Ion:172 Resp: 873058
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.0 28.4





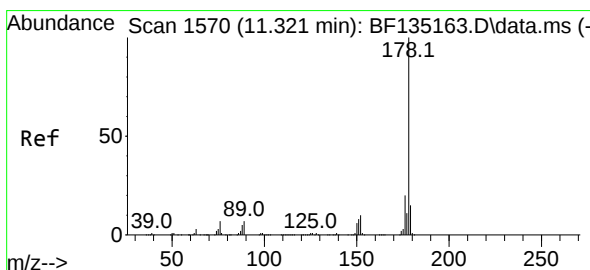
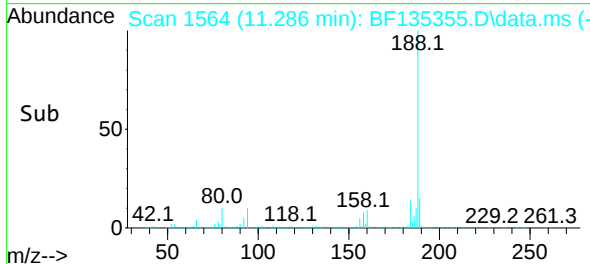
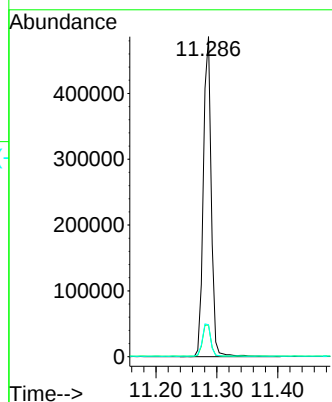
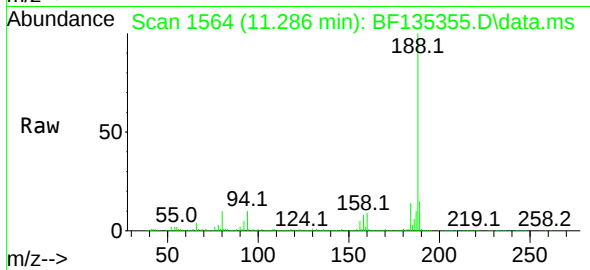
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 43650
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.0 7.5 11.3

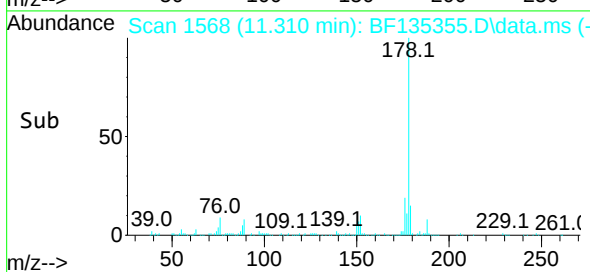
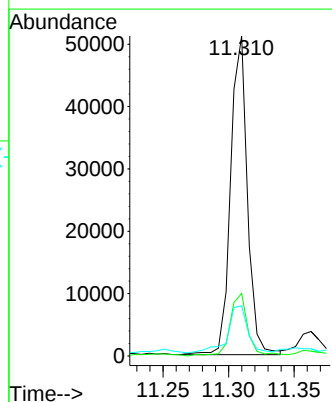
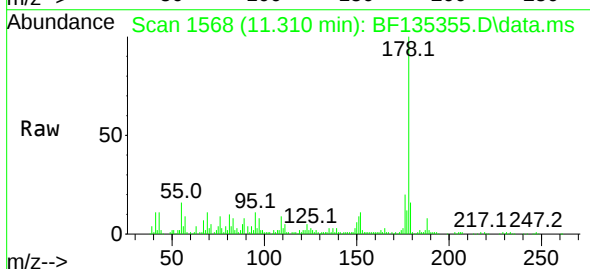
Manual Integrations
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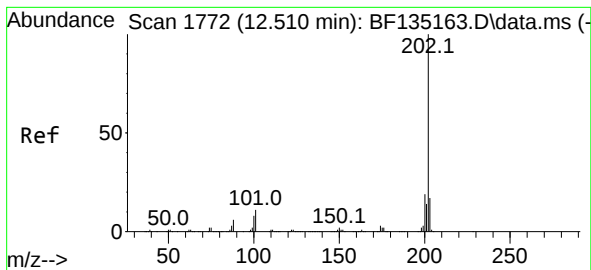
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#71
Phenanthrene
Concen: 2.201 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

Tgt Ion:178 Resp: 45435
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.0 18.0





#75

Fluoranthene

Concen: 4.964 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BF135355.D

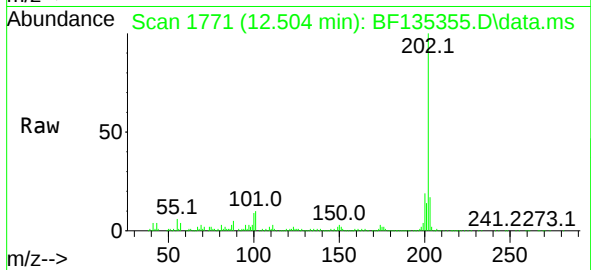
Acq: 20 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

WC-1



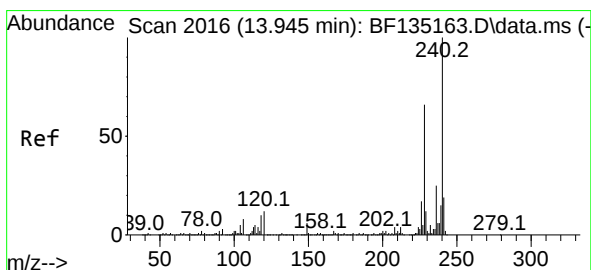
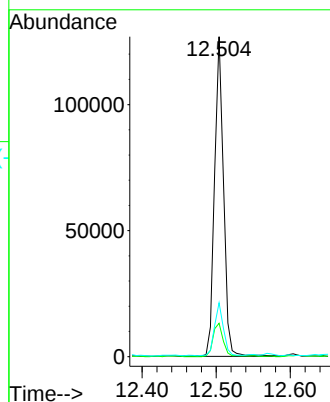
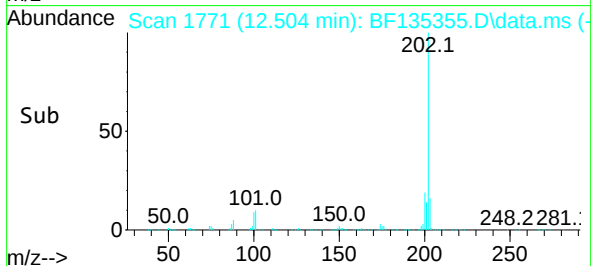
Tgt Ion:	202	Resp:	10678
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.3
203	16.9	0.0	37.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#76

Chrysene-d12

Concen: 20.000 ng

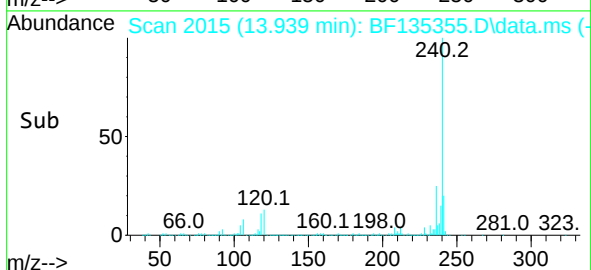
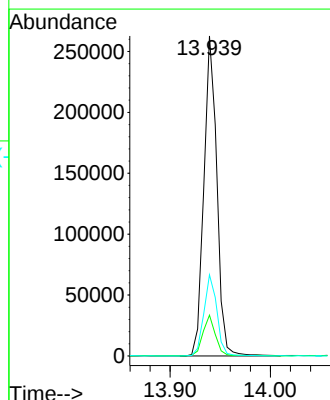
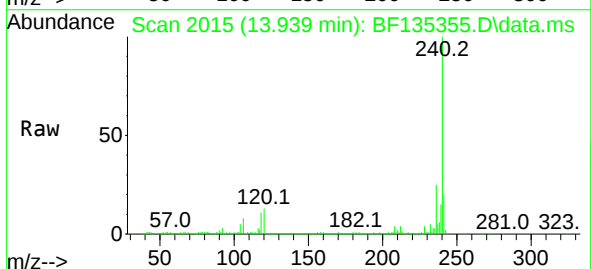
RT: 13.939 min Scan# 2015

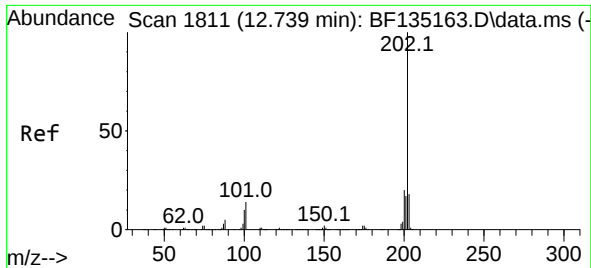
Delta R.T. -0.006 min

Lab File: BF135355.D

Acq: 20 Sep 2023 13:59

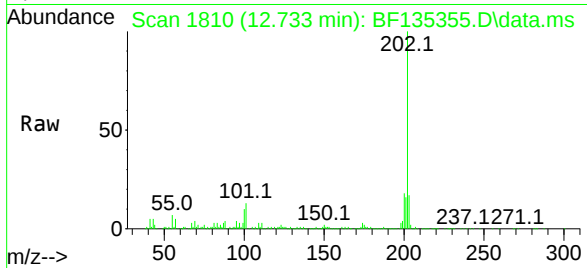
Tgt Ion:	240	Resp:	237452
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.4	14.2
236	25.3	19.8	29.8





#78
Pyrene
Concen: 3.773 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

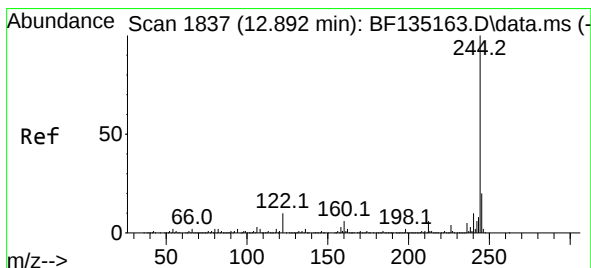
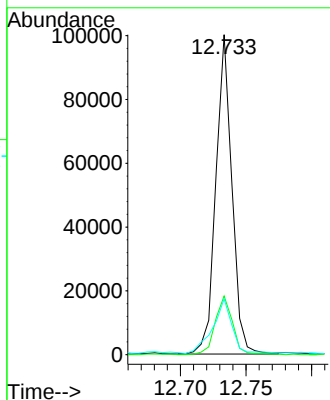
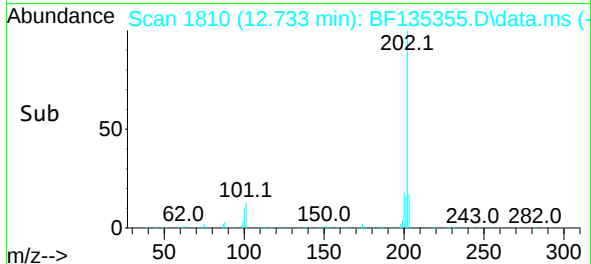
Instrument :
BNA_F
ClientSampleId :
WC-1



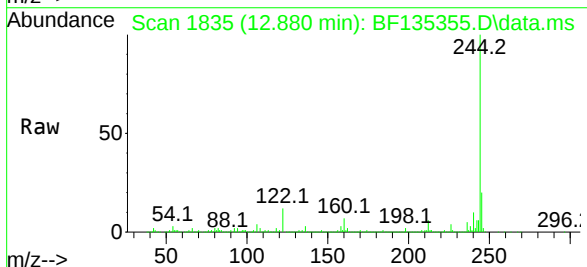
Tgt Ion:202 Resp: 8529
Ion Ratio Lower Upper
202 100
200 18.3 16.2 24.2
203 17.4 14.2 21.4

Manual Integrations
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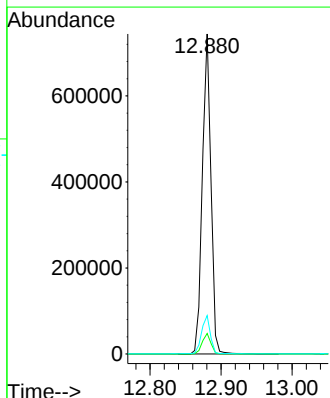
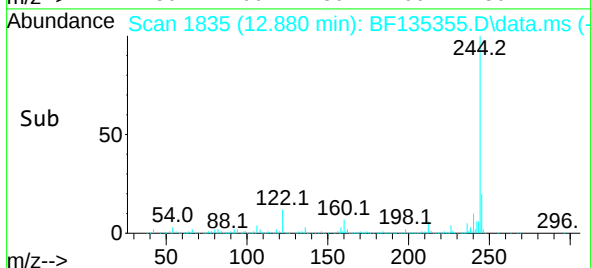
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

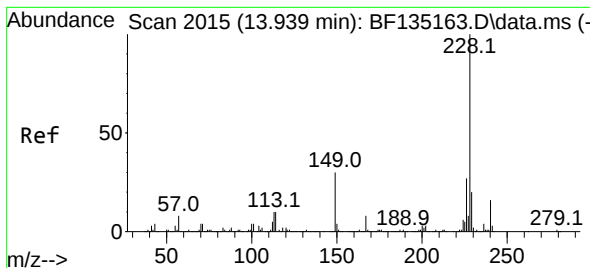


#79
Terphenyl-d14
Concen: 40.953 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59



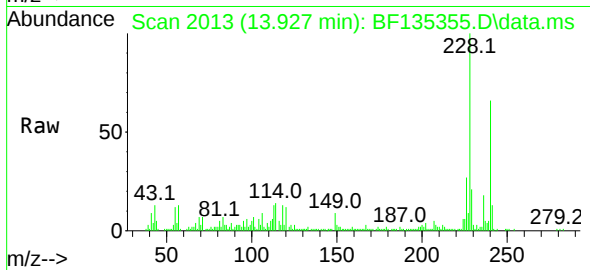
Tgt Ion:244 Resp: 627299
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.0 7.9 11.9





#81
Benzo(a)anthracene
Concen: 2.258 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59

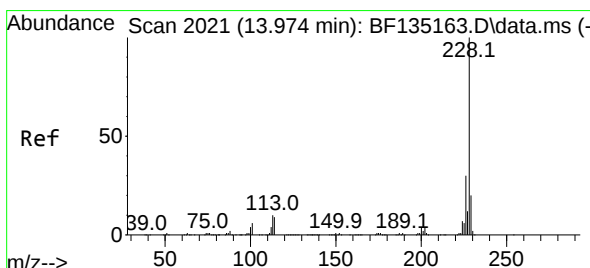
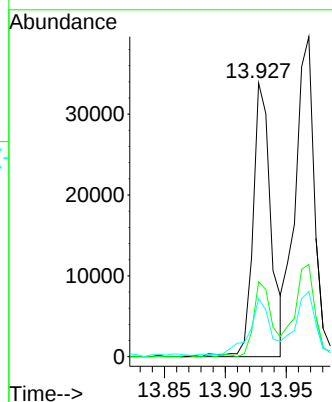
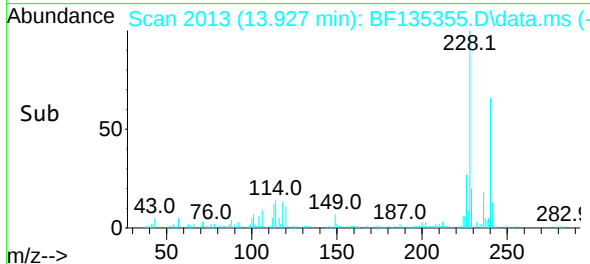
Instrument :
BNA_F
ClientSampleId :
WC-1



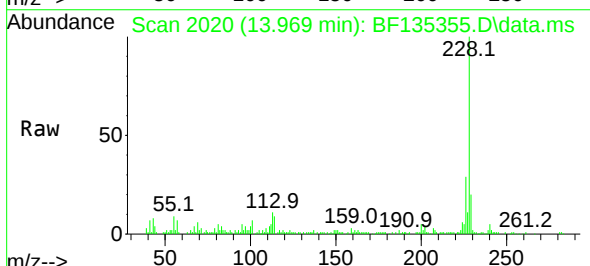
Tgt Ion:228 Resp: 34619
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 21.2 15.8 23.8

Manual Integrations
APPROVED

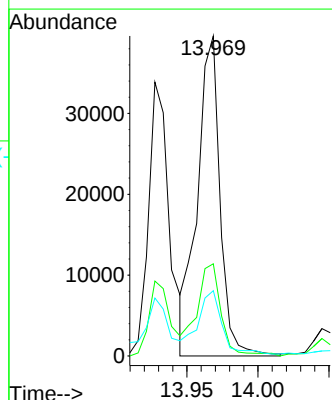
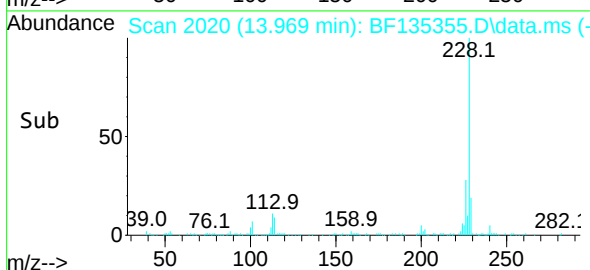
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

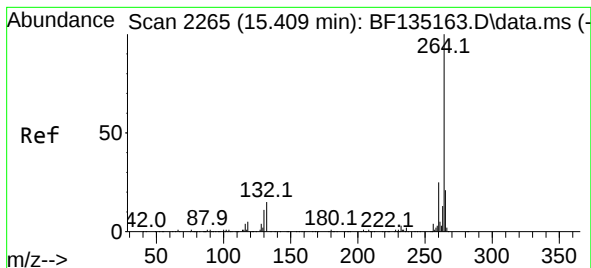


#83
Chrysene
Concen: 2.898 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135355.D
Acq: 20 Sep 2023 13:59



Tgt Ion:228 Resp: 44186
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.4 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF135355.D

Acq: 20 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:264 Resp: 31336

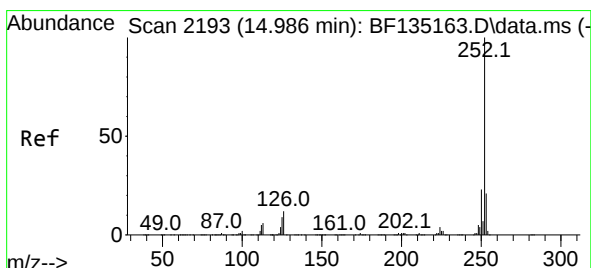
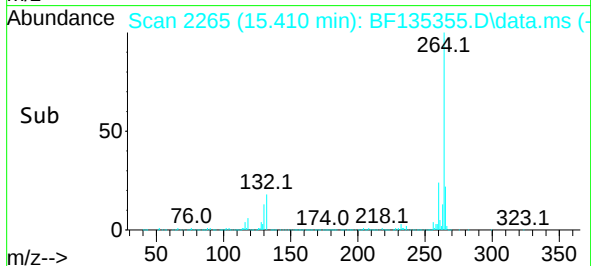
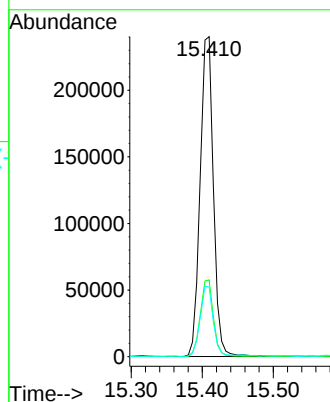
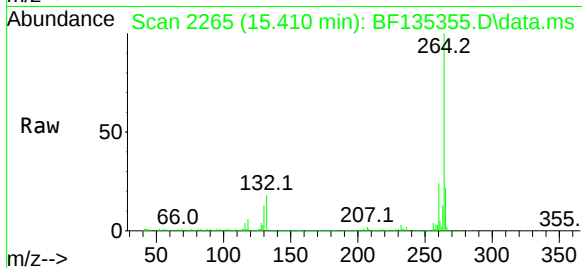
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.8	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#88

Benzo(b)fluoranthene

Concen: 3.701 ng m

RT: 14.980 min Scan# 2192

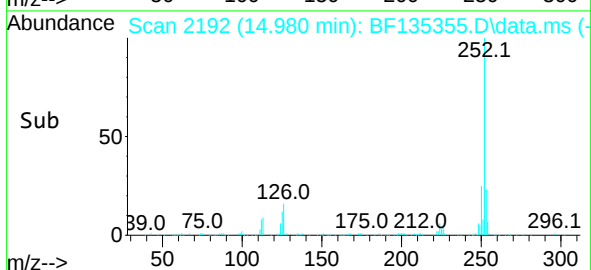
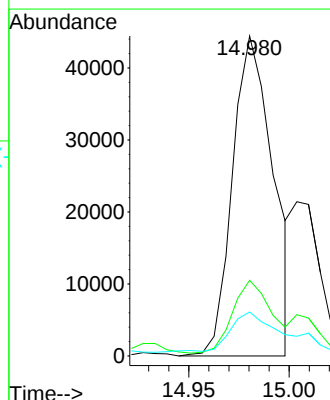
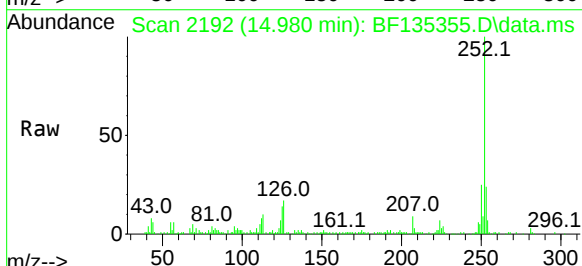
Delta R.T. -0.006 min

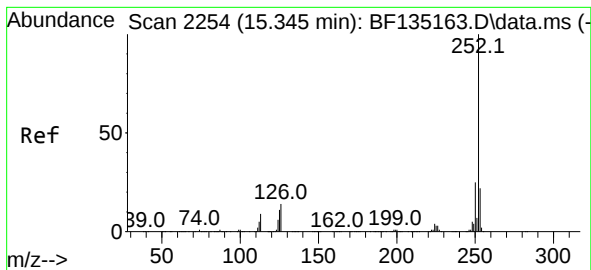
Lab File: BF135355.D

Acq: 20 Sep 2023 13:59

Tgt Ion:252 Resp: 62782

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	13.7	7.1	10.7





#90

Benzo(a)pyrene

Concen: 2.545 ng

RT: 15.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135355.D

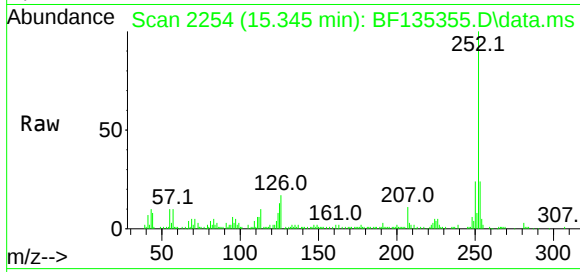
Acq: 20 Sep 2023 13:59

Instrument :

BNA_F

ClientSampleId :

WC-1



Tgt Ion:252 Resp: 41178

Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

125 12.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023

