

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133734.D
 Acq On : 13 Jun 2023 16:52
 Operator : CG\JU
 Sample : 03069-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB35A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 17:11:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	93742	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	308196	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	128938	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	241129	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	225224	20.000	ng	-0.01
86) Perylene-d12	15.468	264	177557	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	374453	69.540	ng	0.00
7) Phenol-d6	6.457	99	427191	60.949	ng	-0.01
23) Nitrobenzene-d5	7.393	82	277466	49.036	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	103473	63.398	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	474855	52.352	ng	0.00
79) Terphenyl-d14	12.951	244	558434	38.366	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.381	178	43683	3.571	ng	97
75) Fluoranthene	12.575	202	83150	6.400	ng	100
78) Pyrene	12.804	202	72270	3.445	ng	99
81) Benzo(a)anthracene	13.992	228	45627	2.929	ng	95
83) Chrysene	14.027	228	48257	3.275	ng	96
88) Benzo(b)fluoranthene	15.039	252	44327m	4.110	ng	
90) Benzo(a)pyrene	15.404	252	25830	2.580	ng	# 92

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

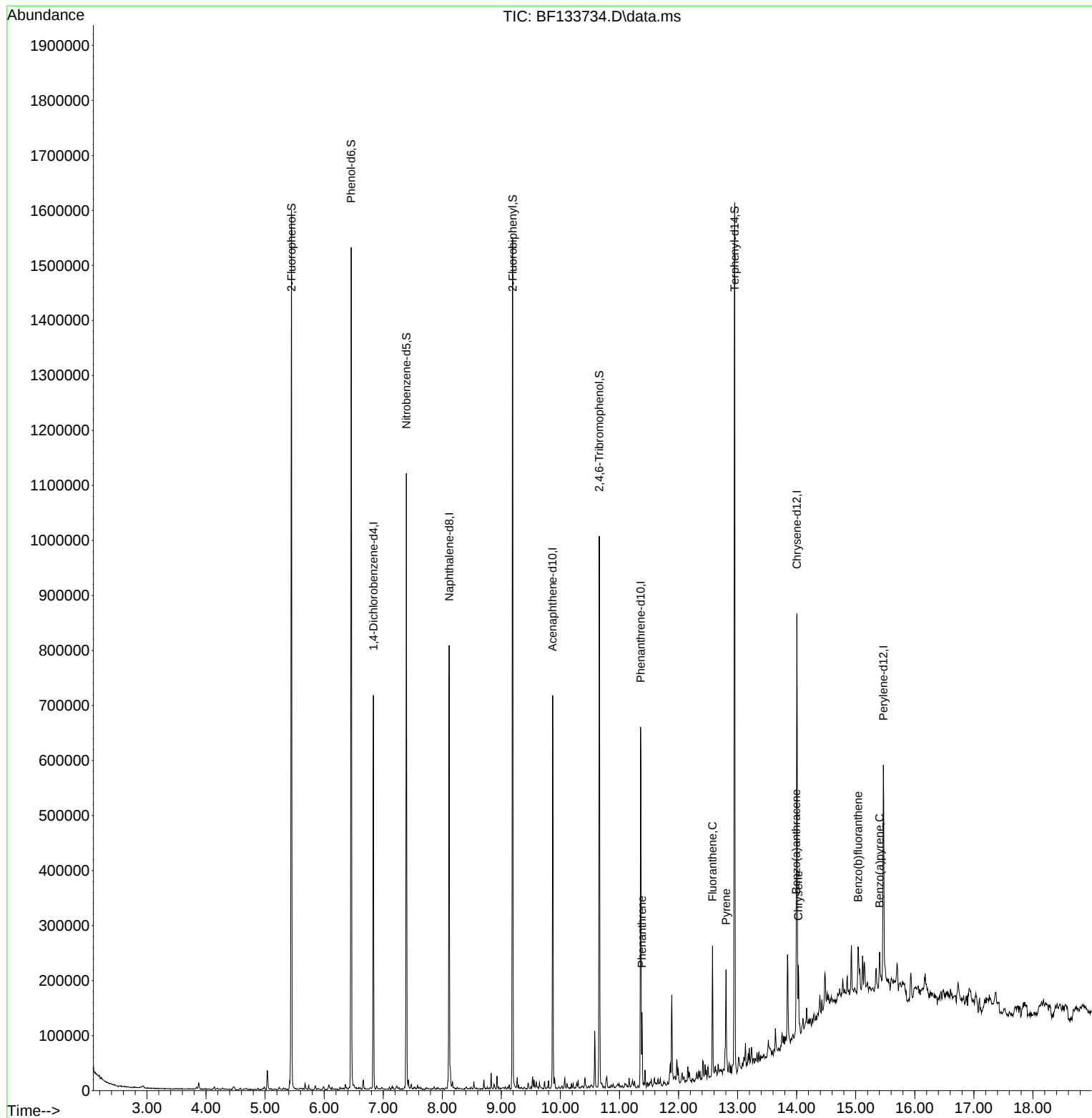
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133734.D
Acq On : 13 Jun 2023 16:52
Operator : CG\JU
Sample : 03069-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

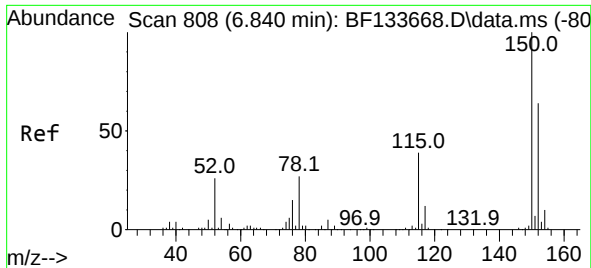
Instrument :
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Supervised By :mohammad ahmed 06/16/2023

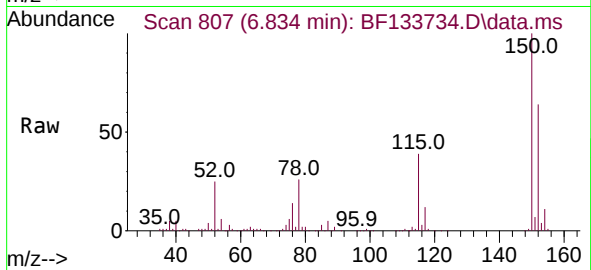
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

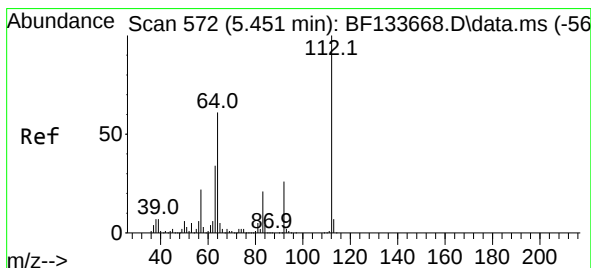
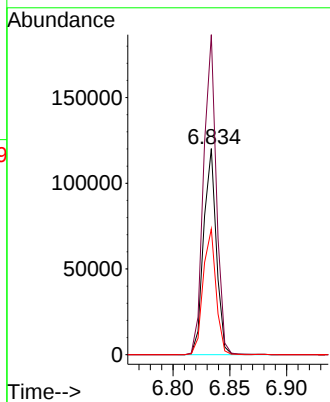
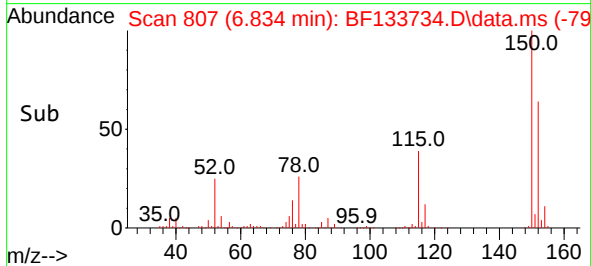
Instrument :
BNA_F
ClientSampleId :
SB35A



Tgt Ion:152 Resp: 93742
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 61.1 48.5 72.7

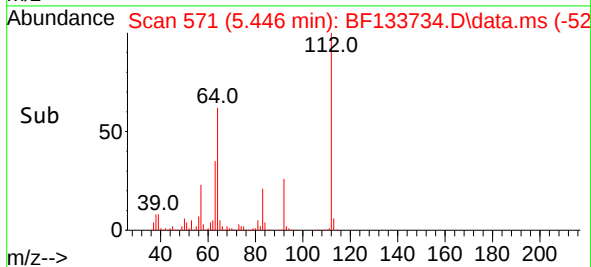
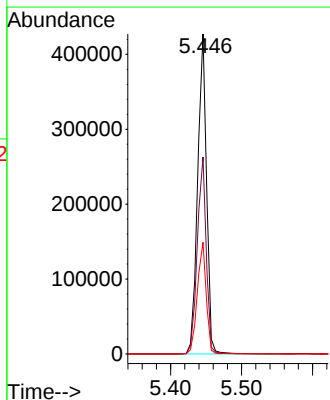
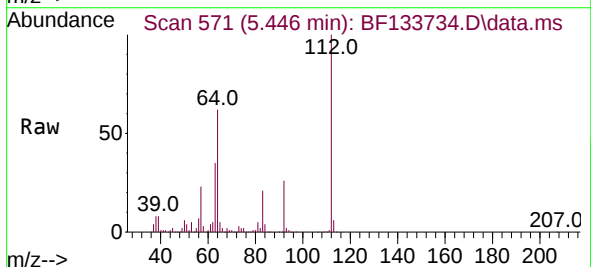
Manual Integrations
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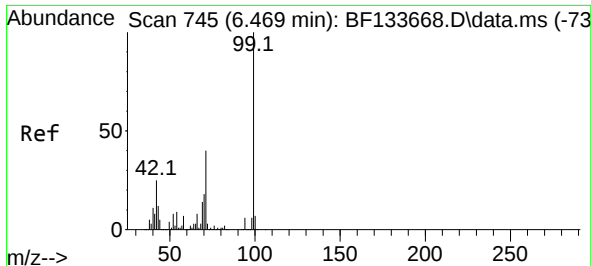
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#5
2-Fluorophenol
Concen: 69.540 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

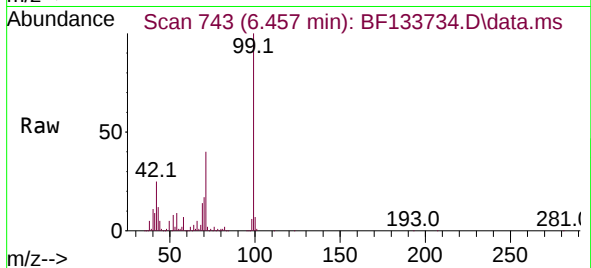
Tgt Ion:112 Resp: 374453
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.4
63 34.9 26.8 40.2





#7
Phenol-d6
Concen: 60.949 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

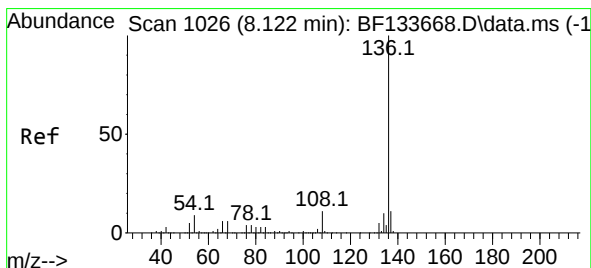
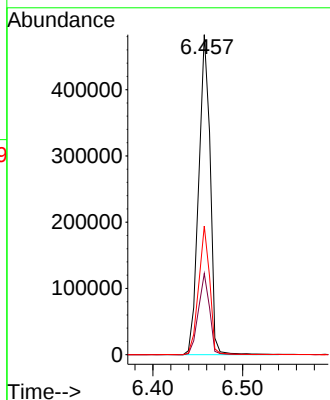
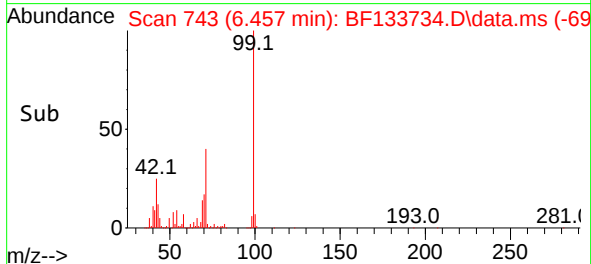
Instrument :
BNA_F
ClientSampleId :
SB35A



Tgt Ion: 99 Resp: 42719
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 40.2 32.2 48.4

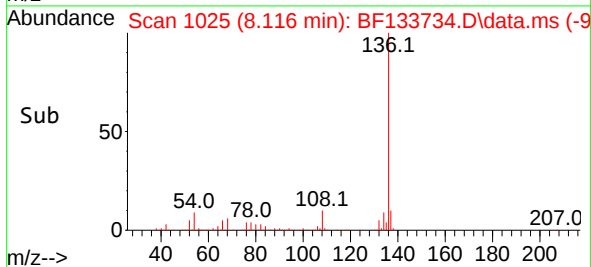
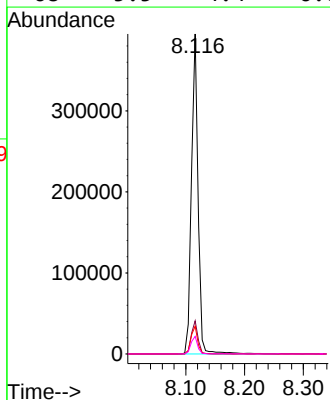
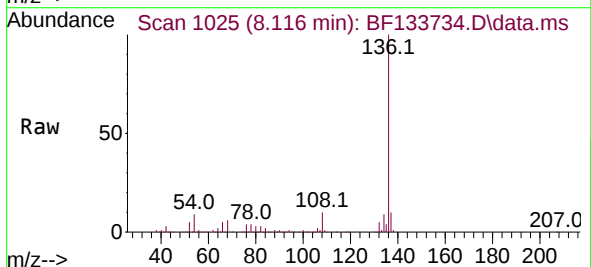
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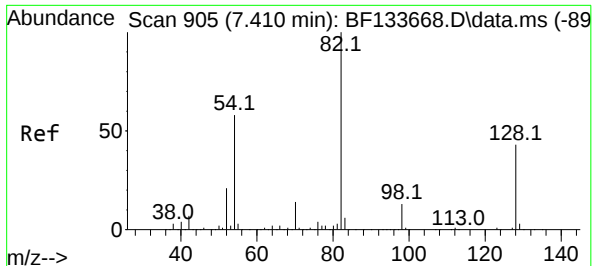
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

Tgt Ion:136 Resp: 308196
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.7 7.4 11.0
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 49.036 ng

RT: 7.393 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133734.D

Acq: 13 Jun 2023 16:52

Instrument :

BNA_F

ClientSampleId :

SB35A

Tgt Ion: 82 Resp: 277460

Ion Ratio Lower Upper

82 100

128 41.5 34.2 51.2

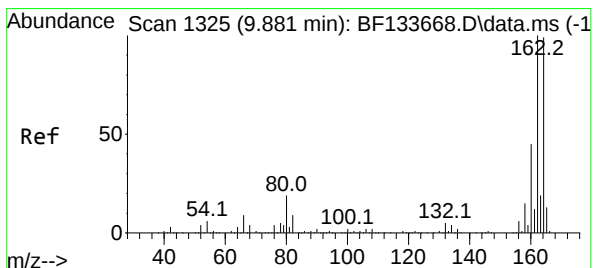
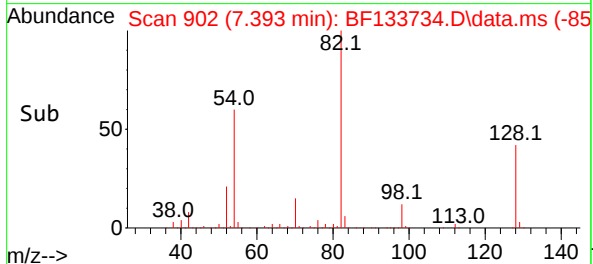
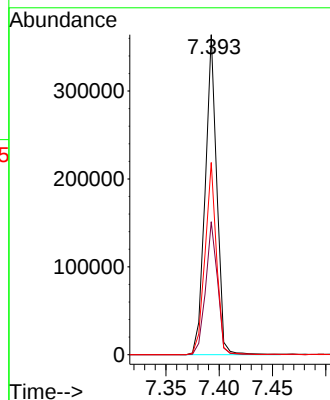
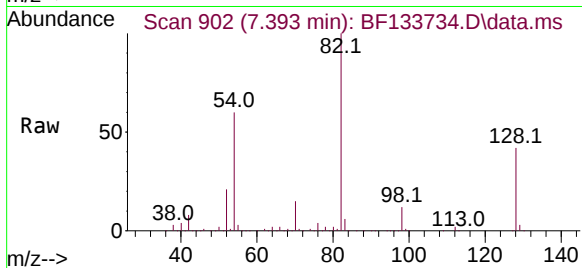
54 60.1 46.5 69.7

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF133734.D

Acq: 13 Jun 2023 16:52

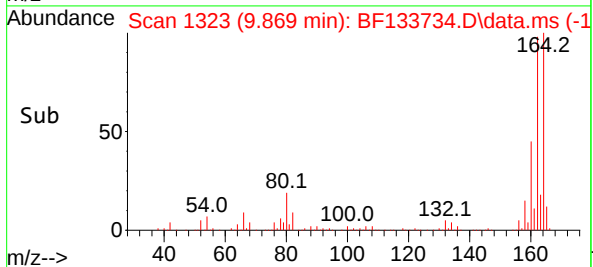
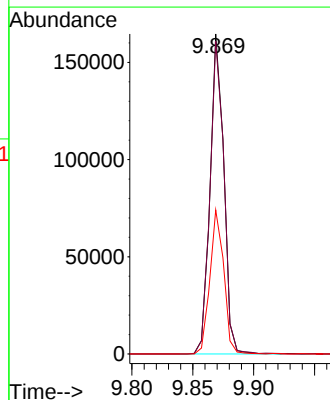
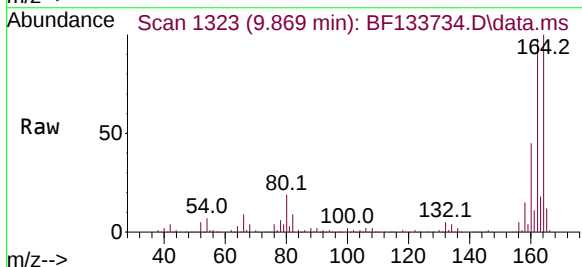
Tgt Ion:164 Resp: 128938

Ion Ratio Lower Upper

164 100

162 97.7 80.8 121.2

160 45.0 36.7 55.1





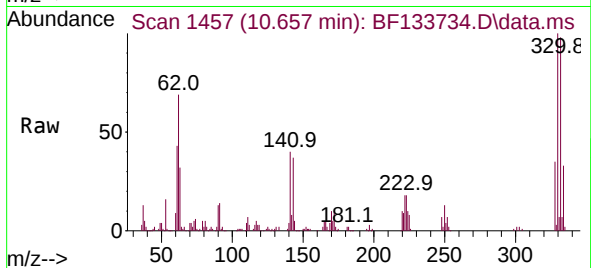
#42
2,4,6-Tribromophenol
Concen: 63.398 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

Instrument :

BNA_F

ClientSampleId :

SB35A



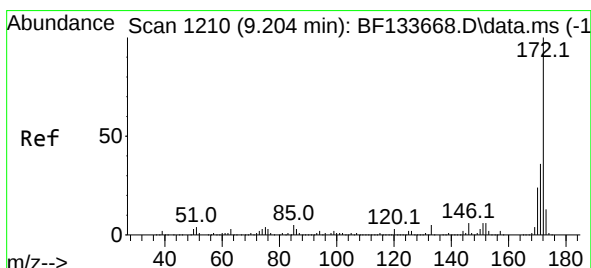
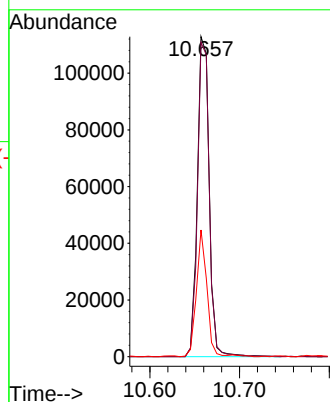
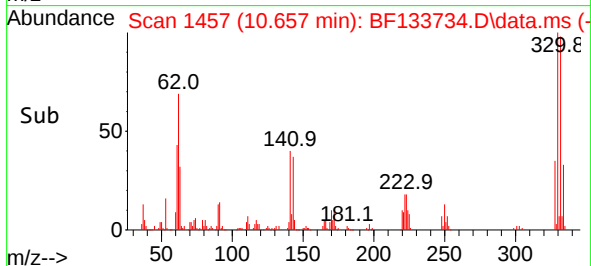
Tgt Ion: 330 Resp: 10347
Ion Ratio Lower Upper
330 100
332 97.5 77.2 115.8
141 35.3 24.9 37.3

Manual Integrations

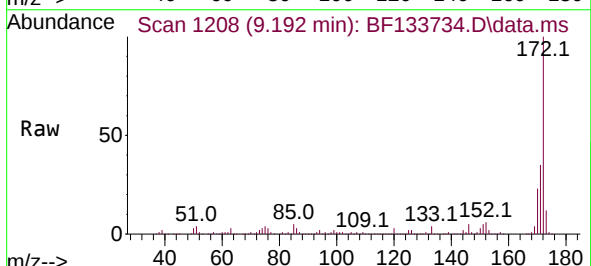
APPROVED

Reviewed By : Yogesh Patel 06/14/2023

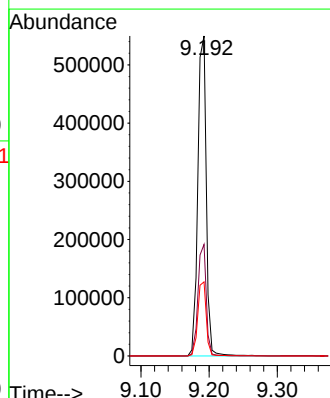
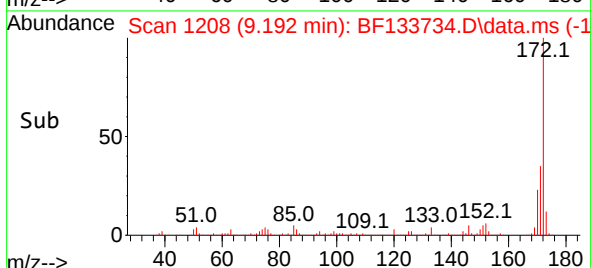
Supervised By : mohammad ahmed 06/16/2023

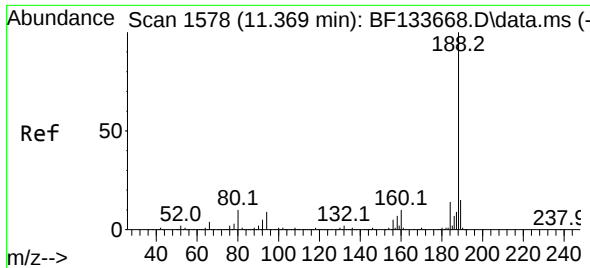


#45
2-Fluorobiphenyl
Concen: 52.352 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52



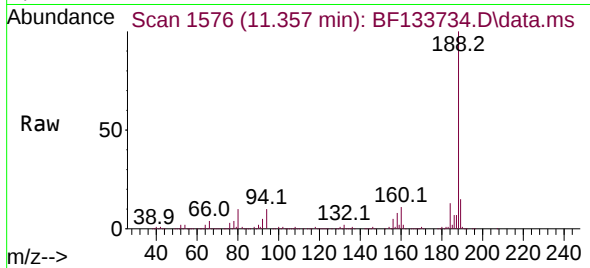
Tgt Ion: 172 Resp: 474855
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

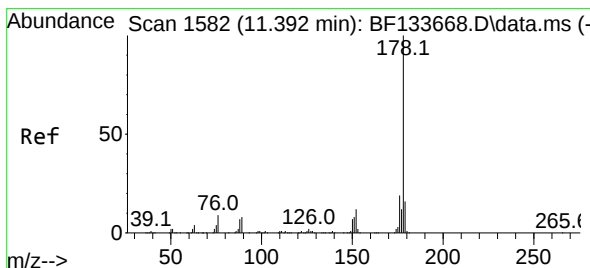
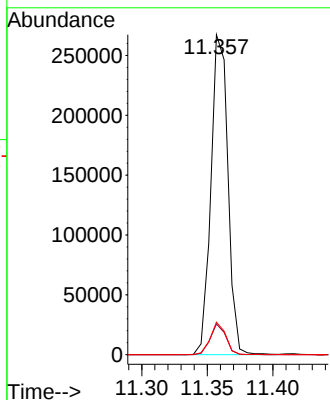
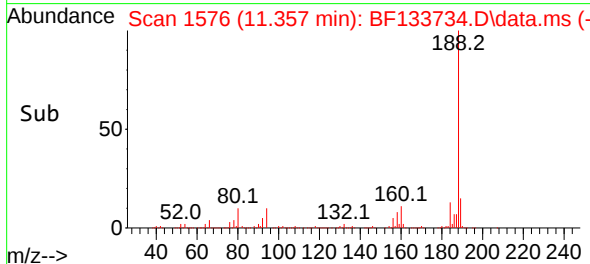
Instrument :
BNA_F
ClientSampleId :
SB35A



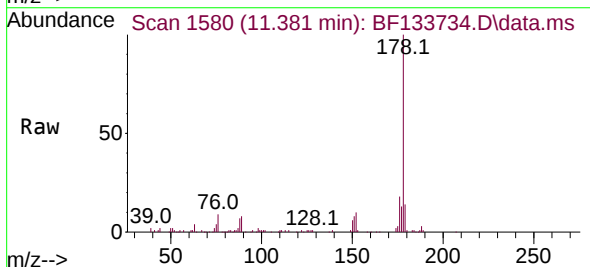
Tgt Ion:188 Resp: 241129
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 10.2 7.8 11.6

Manual Integrations
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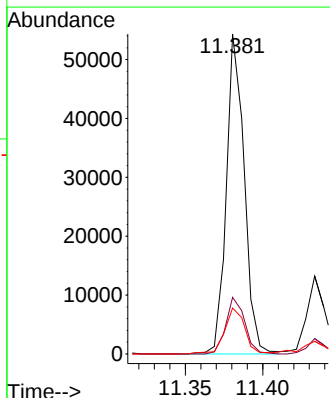
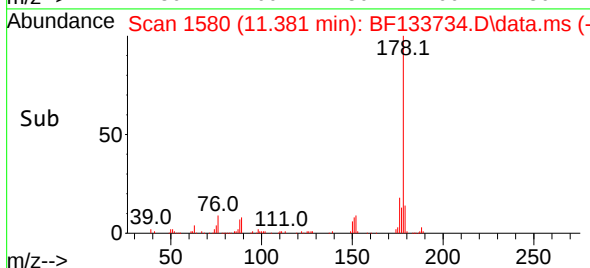
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

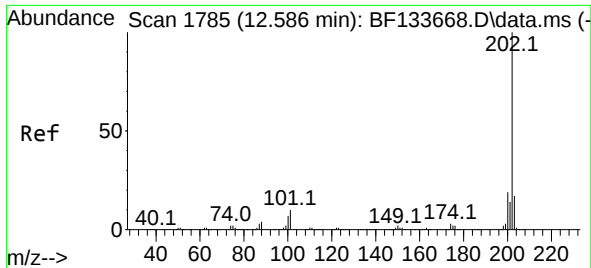


#71
Phenanthrene
Concen: 3.571 ng
RT: 11.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52



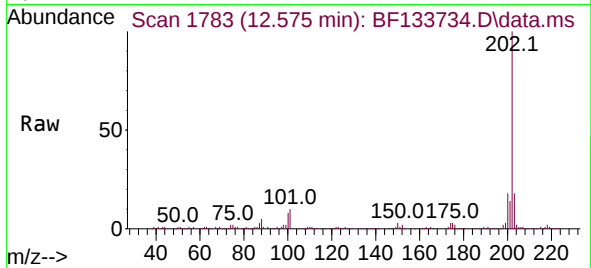
Tgt Ion:178 Resp: 43683
Ion Ratio Lower Upper
178 100
176 17.7 15.6 23.4
179 14.4 12.4 18.6





#75
Fluoranthene
Concen: 6.400 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

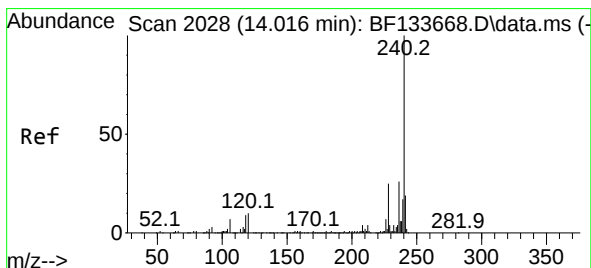
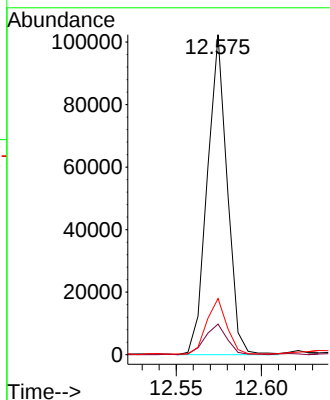
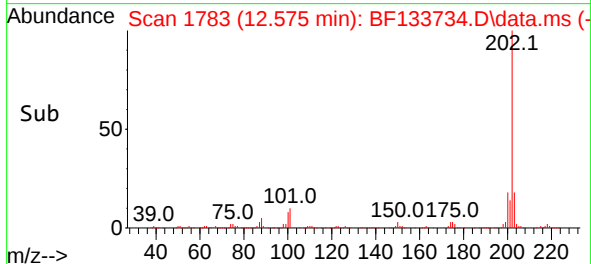
Instrument :
BNA_F
ClientSampleId :
SB35A



Tgt Ion:202 Resp: 83150
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.6
203 17.5 0.0 37.4

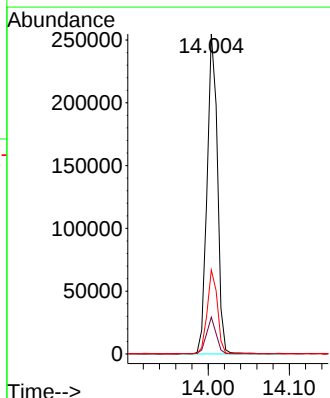
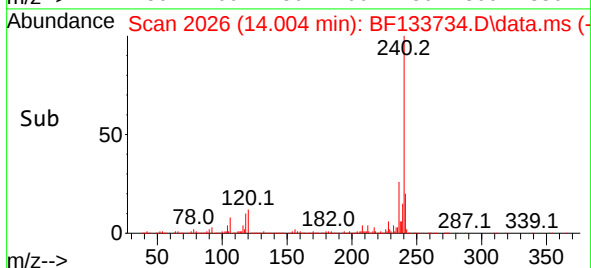
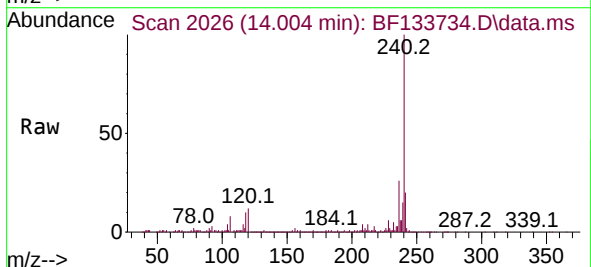
Manual Integrations
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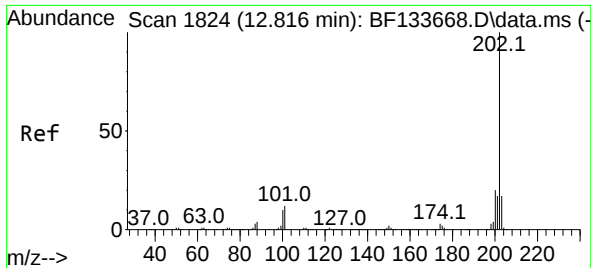
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

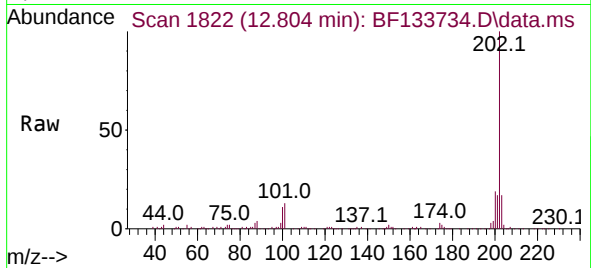
Tgt Ion:240 Resp: 225224
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.2 20.5 30.7





#78
 Pyrene
 Concen: 3.445 ng
 RT: 12.804 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF133734.D
 Acq: 13 Jun 2023 16:52

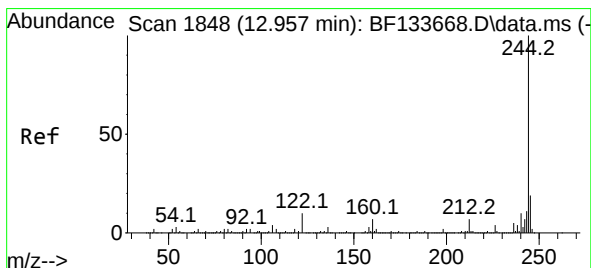
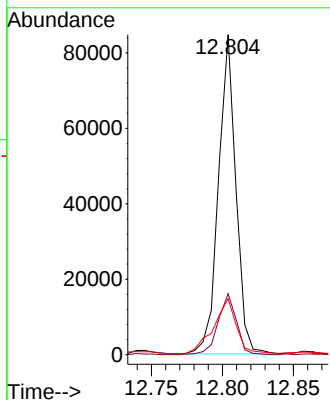
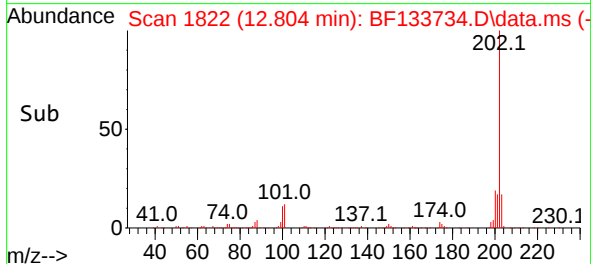
Instrument :
 BNA_F
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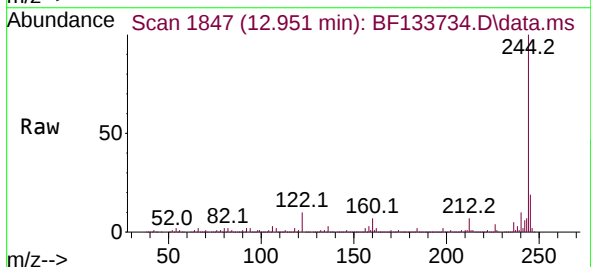
Tgt Ion:202 Resp: 72270
 Ion Ratio Lower Upper
 202 100
 200 19.0 16.2 24.2
 203 17.5 13.9 20.9

Manual Integrations
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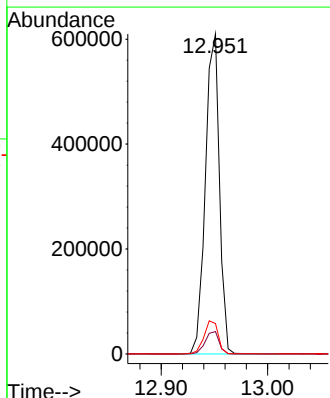
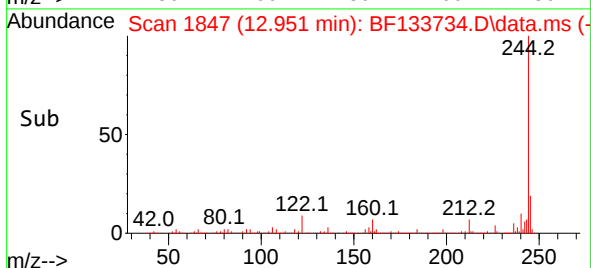
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

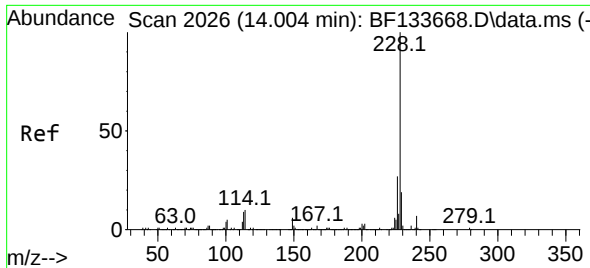


#79
 Terphenyl-d14
 Concen: 38.366 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133734.D
 Acq: 13 Jun 2023 16:52



Tgt Ion:244 Resp: 558434
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.5 8.1 12.1





#81
Benzo(a)anthracene
Concen: 2.929 ng
RT: 13.992 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

Instrument :

BNA_F

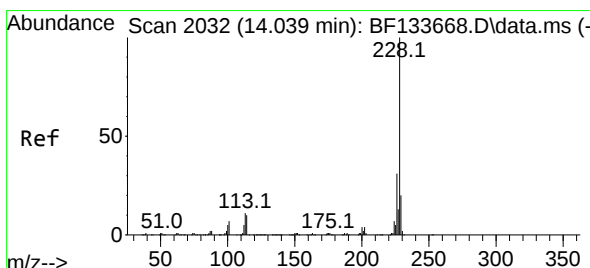
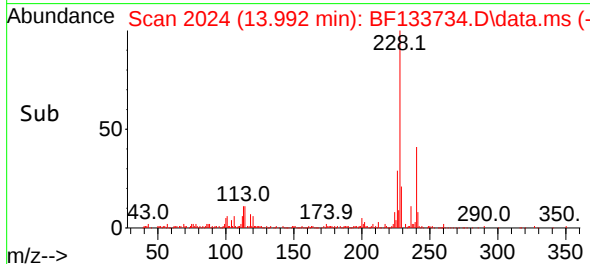
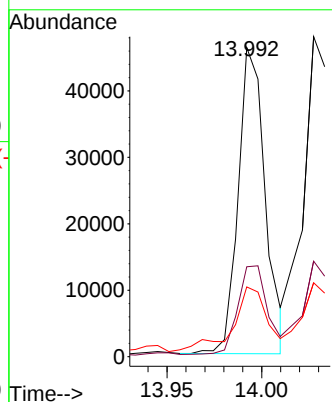
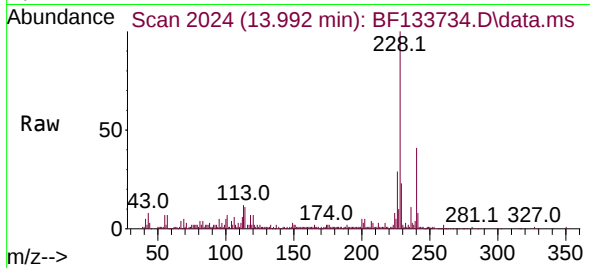
ClientSampleId :

SB35A

Tgt Ion:228 Resp: 4562
Ion Ratio Lower Upper
228 100
226 29.1 21.7 32.5
229 22.6 15.4 23.2

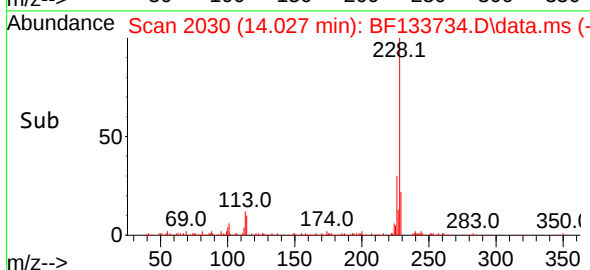
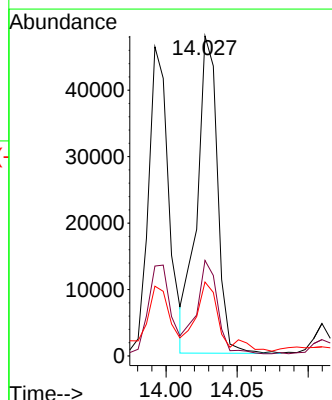
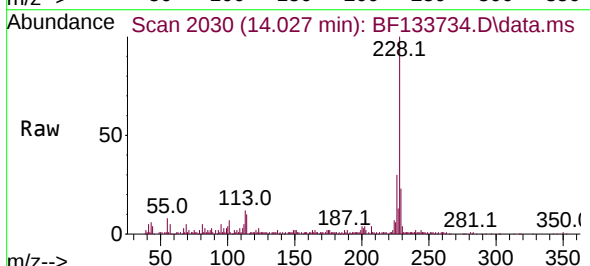
Manual Integrations
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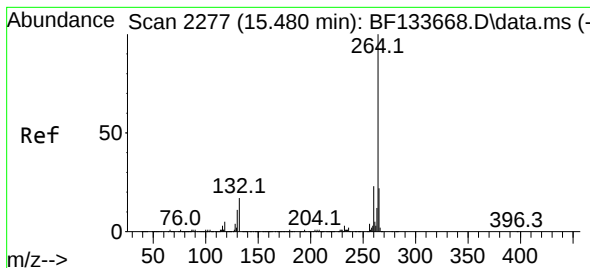
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#83
Chrysene
Concen: 3.275 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.017 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

Tgt Ion:228 Resp: 48257
Ion Ratio Lower Upper
228 100
226 29.9 25.0 37.6
229 23.1 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133734.D

Acq: 13 Jun 2023 16:52

Instrument :

BNA_F

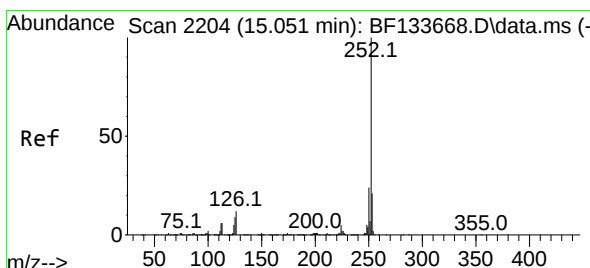
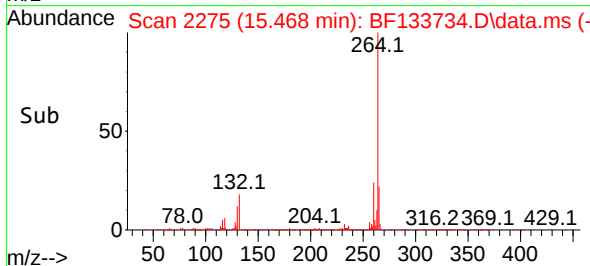
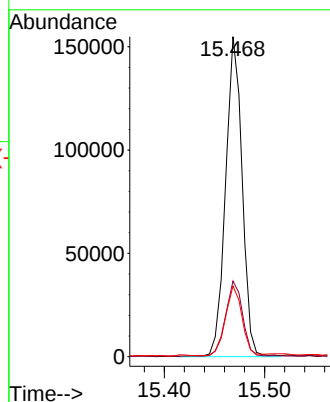
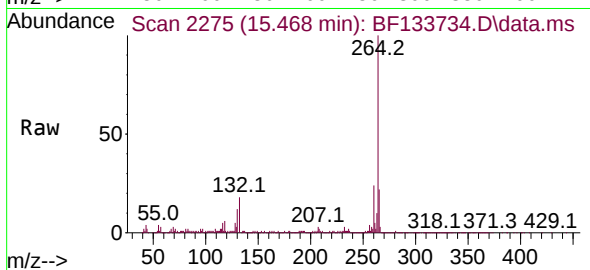
ClientSampleId :

SB35A

Tgt Ion:264 Resp: 17755
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 22.1 17.8 26.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#88

Benzo(b)fluoranthene

Concen: 4.110 ng m

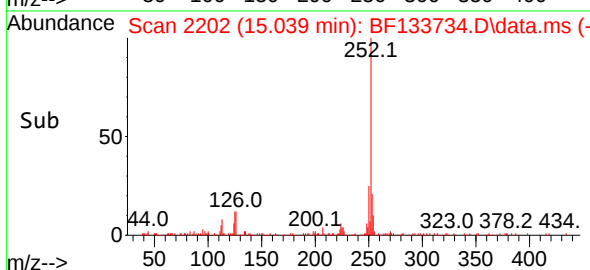
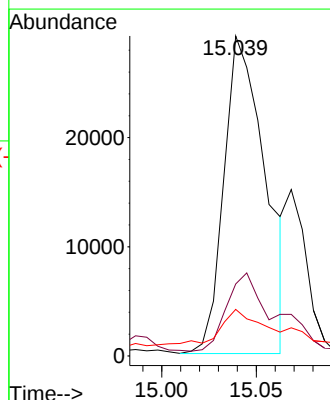
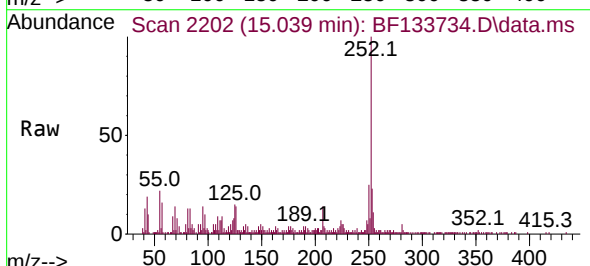
RT: 15.039 min Scan# 2202

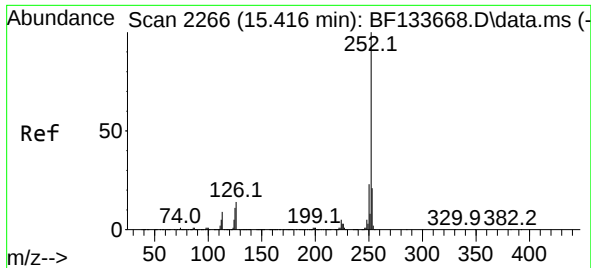
Delta R.T. -0.017 min

Lab File: BF133734.D

Acq: 13 Jun 2023 16:52

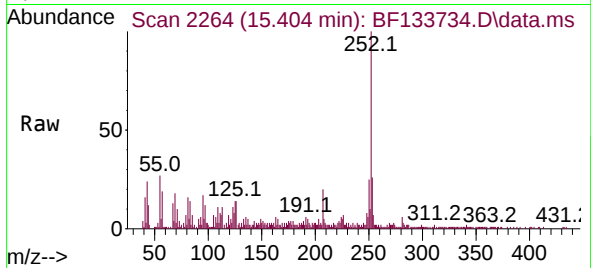
Tgt Ion:252 Resp: 44327
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.0 25.6
 125 14.5 7.3 10.9#





#90
Benzo(a)pyrene
Concen: 2.580 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF133734.D
Acq: 13 Jun 2023 16:52

Instrument :
BNA_F
ClientSampleId :
SB35A



Tgt Ion:252 Resp: 25830
Ion Ratio Lower Upper
252 100
253 25.5 17.1 25.7
125 13.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

