

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138874.D
 Acq On : 08 Aug 2024 19:33
 Operator : RC/JU
 Sample : P3484-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 09 01:02:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	45921	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	176953	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	82049	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	114057	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	81377	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	65617	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	152228	51.172	ng	0.00
7) Phenol-d6	6.481	99	201723	50.506	ng	0.00
23) Nitrobenzene-d5	7.404	82	131521	36.339	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	30312	45.101	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	218891	40.084	ng	-0.01
79) Terphenyl-d14	12.939	244	156134	32.123	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.568	202	24696	4.504	ng	97
78) Pyrene	12.798	202	32455	4.236	ng	99
81) Benzo(a)anthracene	13.986	228	12413	2.215	ng	94
88) Benzo(b)fluoranthene	15.033	252	11040m	2.714	ng	
90) Benzo(a)pyrene	15.398	252	7489	2.189	ng	# 94

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

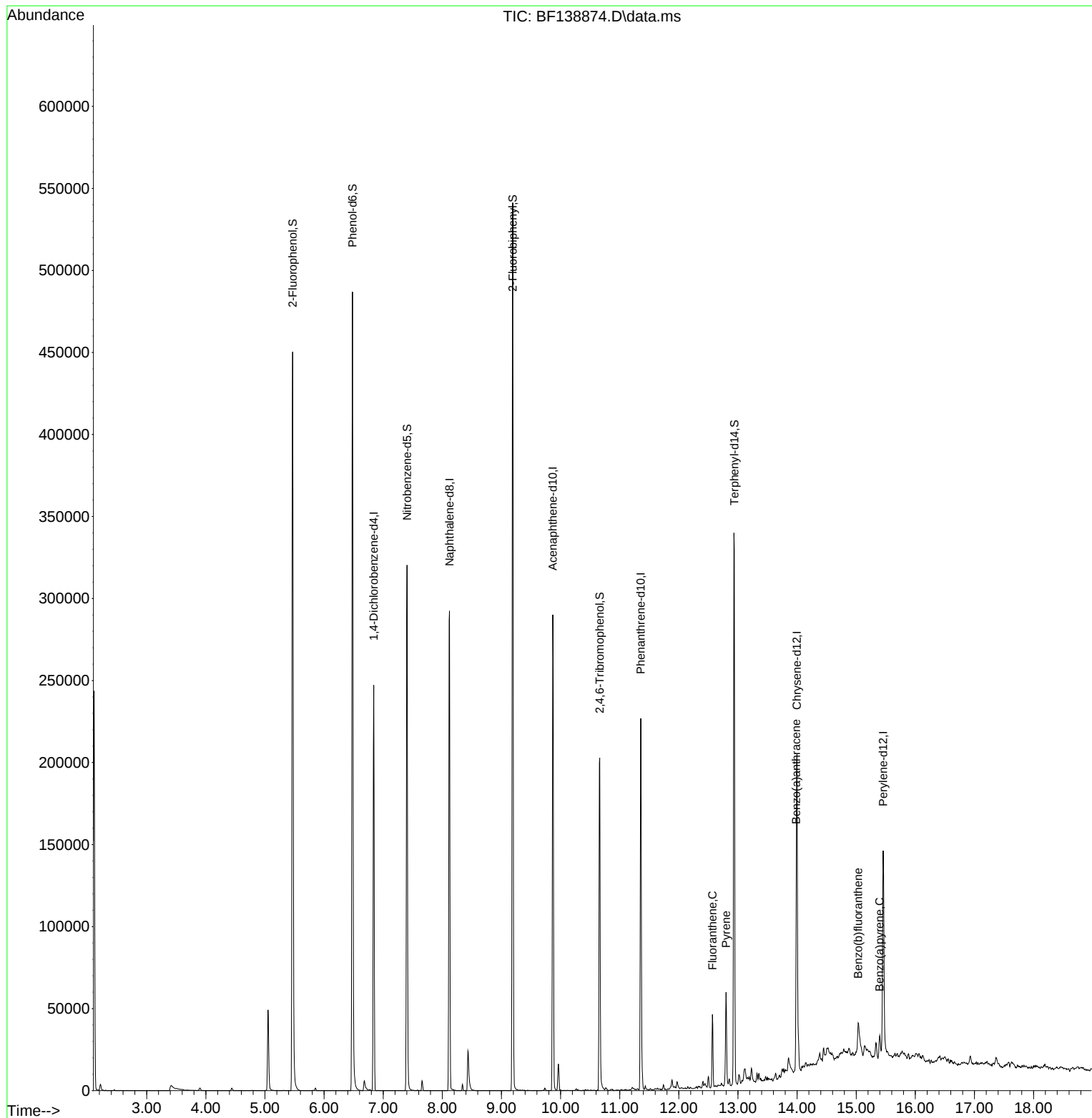
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138874.D
Acq On : 08 Aug 2024 19:33
Operator : RC/JU
Sample : P3484-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B

Quant Time: Aug 09 01:02:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

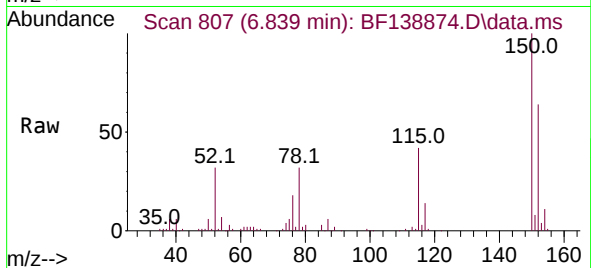
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

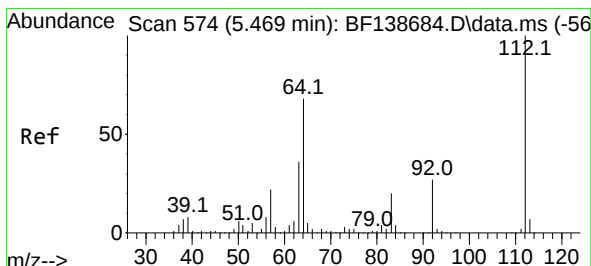
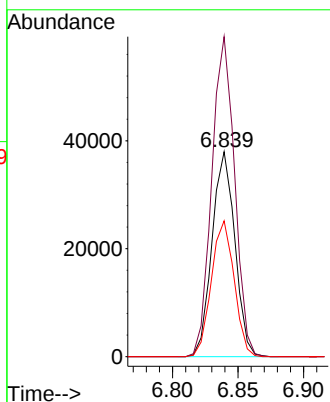
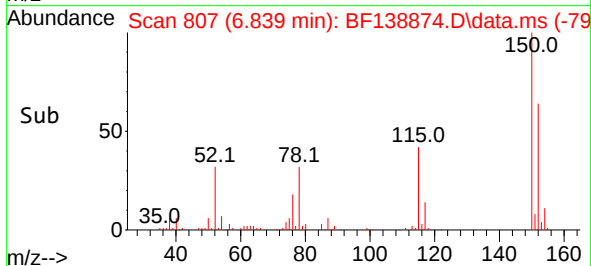
Instrument :
BNA_F
ClientSampleId :
B



Tgt Ion:152 Resp: 4592
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 66.2 51.7 77.5

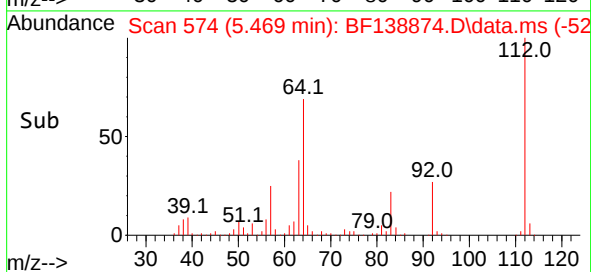
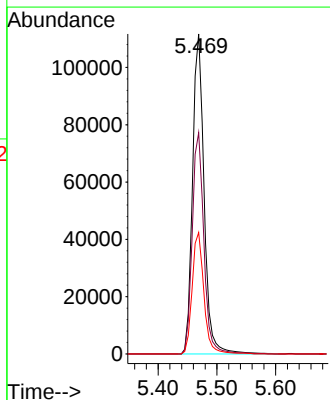
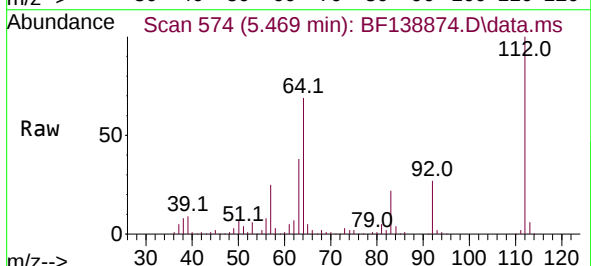
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#5
2-Fluorophenol
Concen: 51.172 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

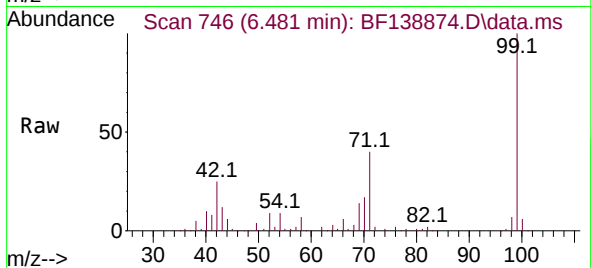
Tgt Ion:112 Resp: 152228
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.9 28.7 43.1





#7
Phenol-d6
Concen: 50.506 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

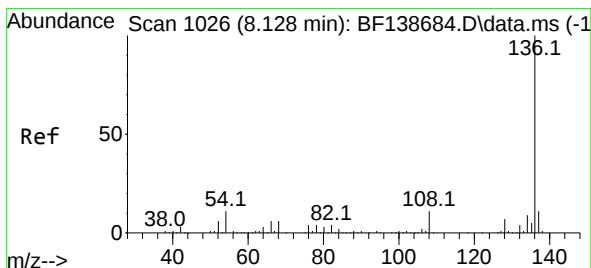
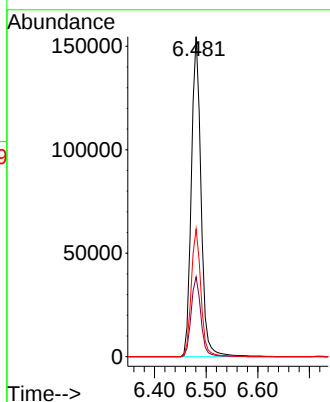
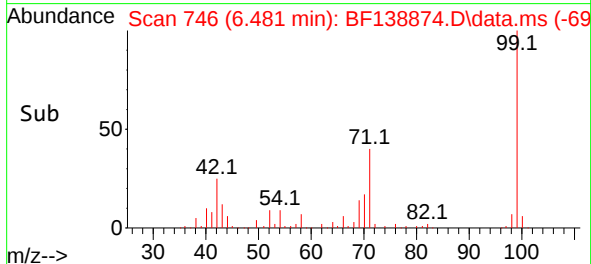
Instrument :
BNA_F
ClientSampleId :
B



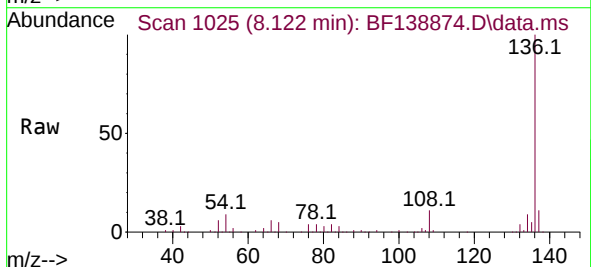
Tgt Ion: 99 Resp: 20172
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.9 28.1 42.1

Manual Integrations
APPROVED

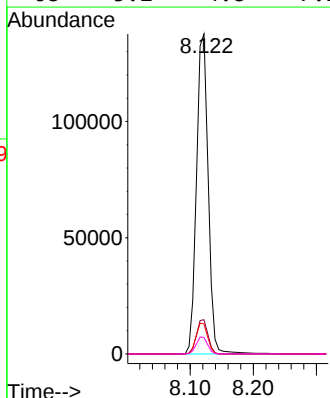
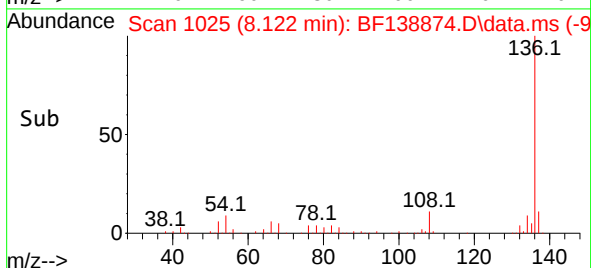
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

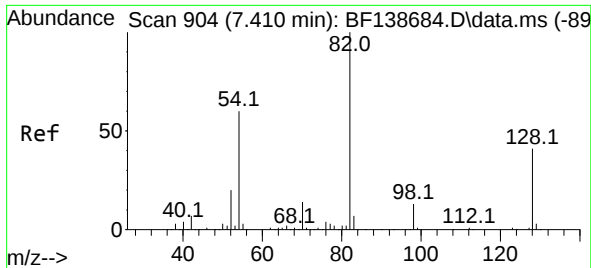


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33



Tgt Ion:136 Resp: 176953
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.4 8.6 12.8
68 5.2 4.8 7.2





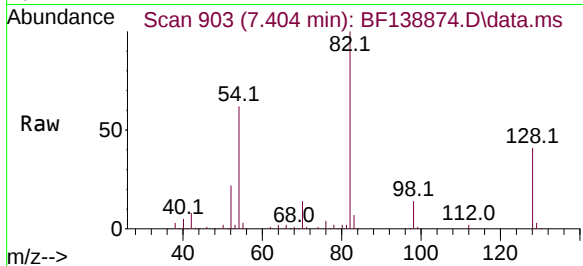
#23
Nitrobenzene-d5
Concen: 36.339 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

B

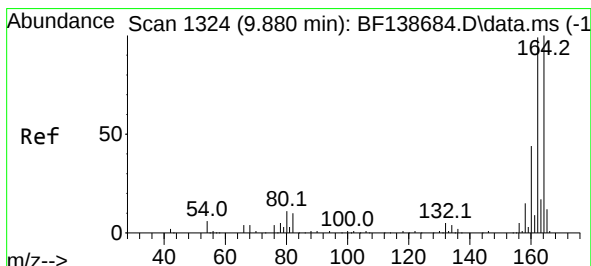
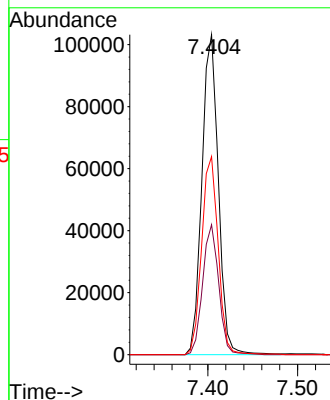
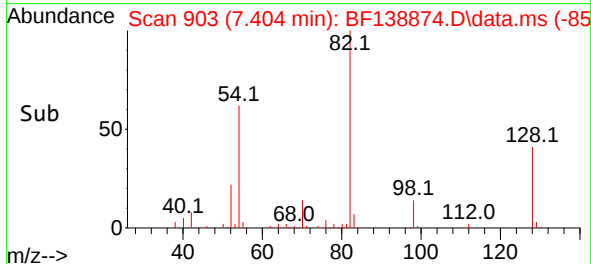


Tgt Ion: 82 Resp: 13152
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 61.9 48.3 72.5

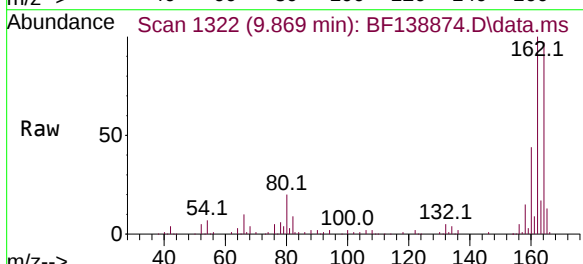
Manual Integrations

APPROVED

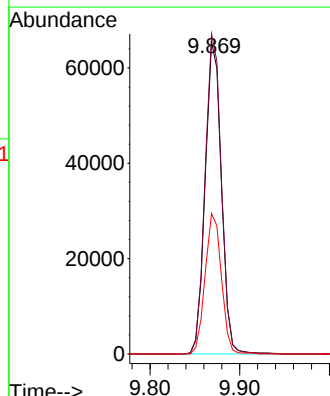
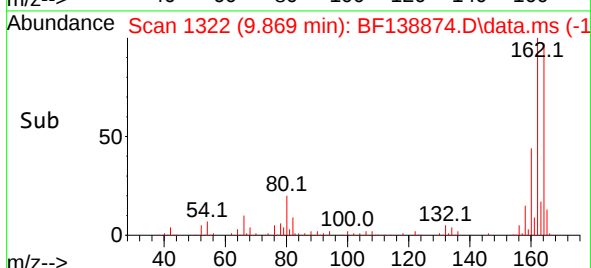
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33



Tgt Ion:164 Resp: 82049
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.0
160 45.1 35.1 52.7





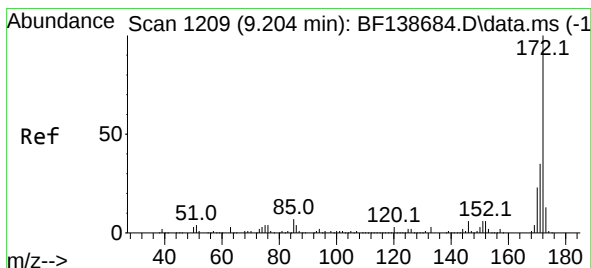
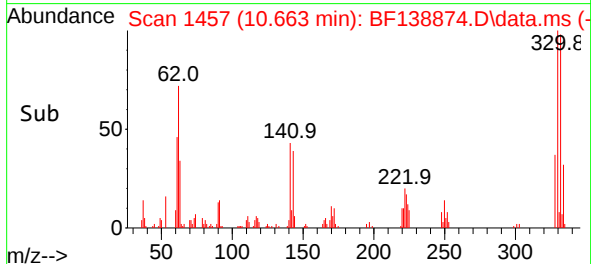
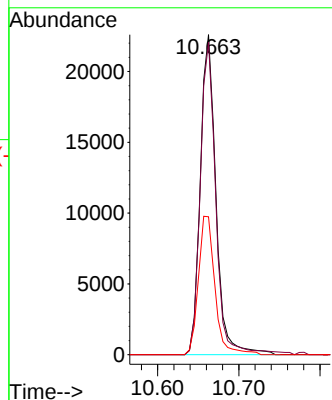
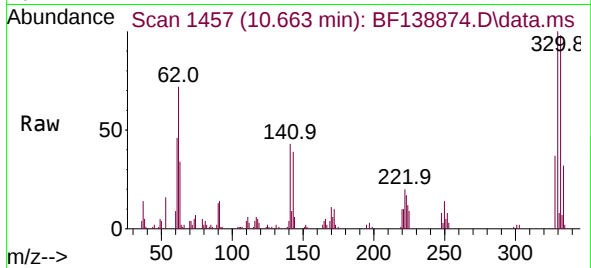
#42
2,4,6-Tribromophenol
Concen: 45.101 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Instrument :
BNA_F
ClientSampleId :
B

Tgt Ion:330 Resp: 3031
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 45.9 31.1 46.7

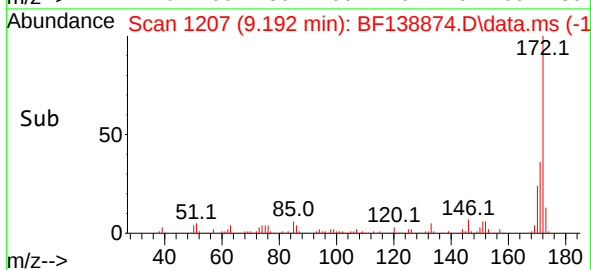
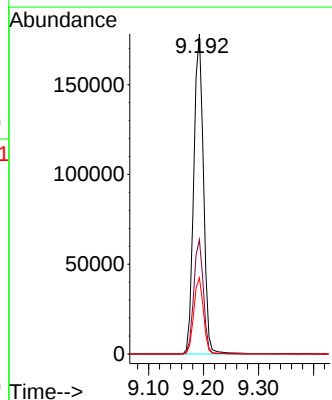
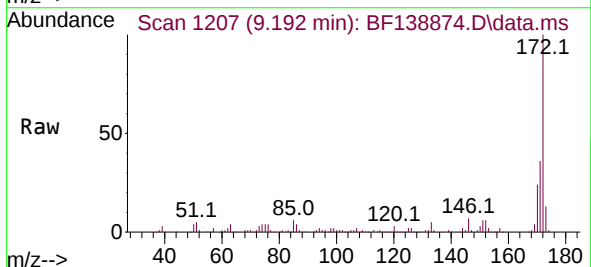
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#45
2-Fluorobiphenyl
Concen: 40.084 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

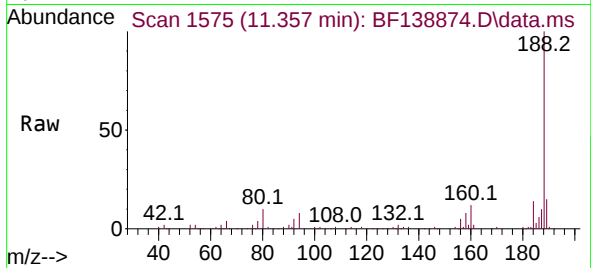
Tgt Ion:172 Resp: 218891
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11405
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

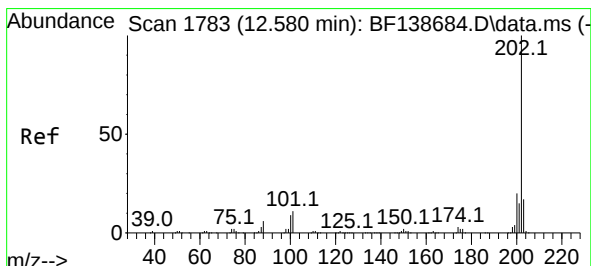
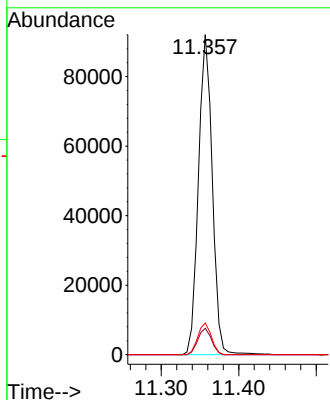
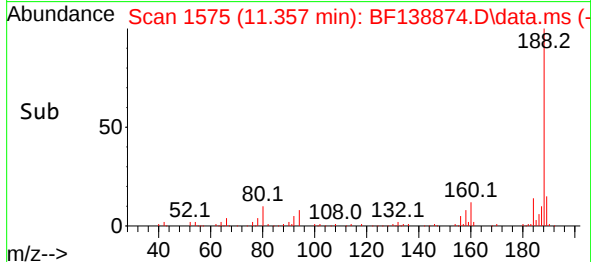
Instrument :
BNA_F
ClientSampleId :
B



Tgt Ion:188 Resp: 11405
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.9 8.6 12.8

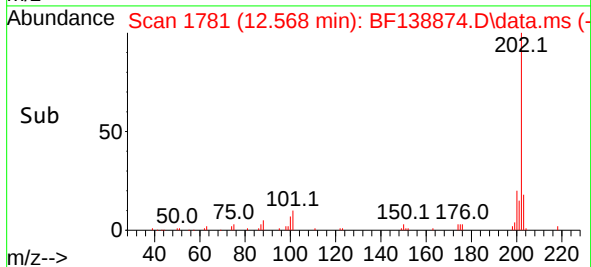
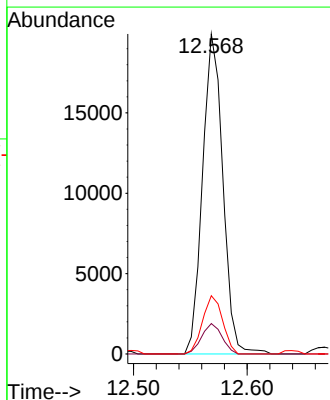
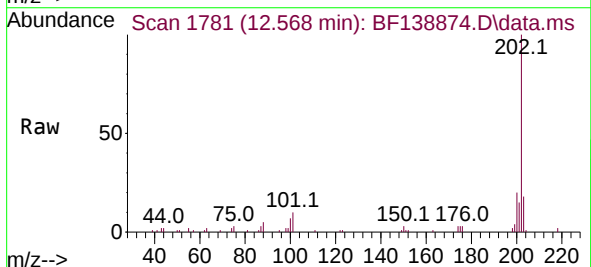
Manual Integrations
APPROVED

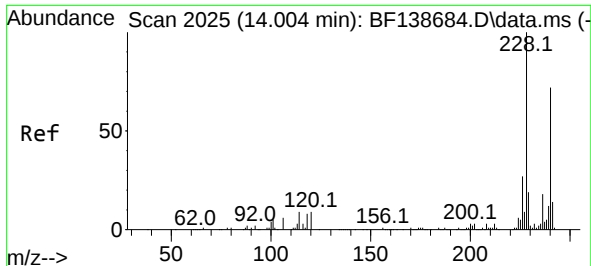
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024



#75
Fluoranthene
Concen: 4.504 ng
RT: 12.568 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

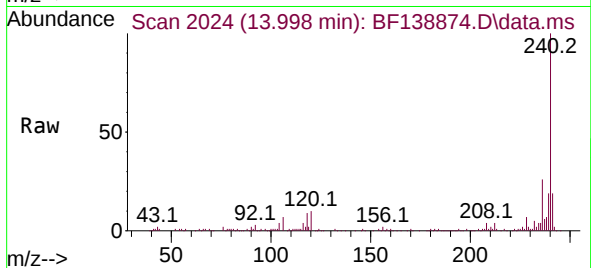
Tgt Ion:202 Resp: 24696
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 18.2 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

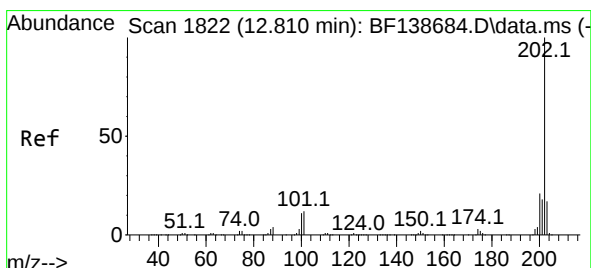
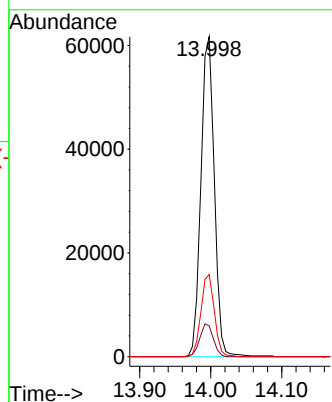
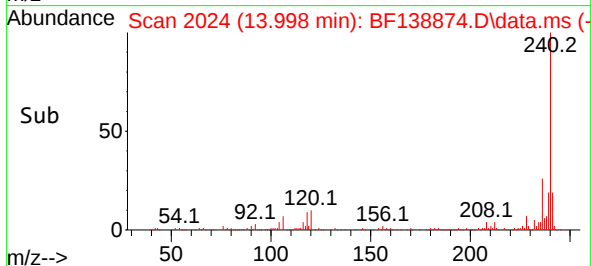
Instrument :
BNA_F
ClientSampleId :
B



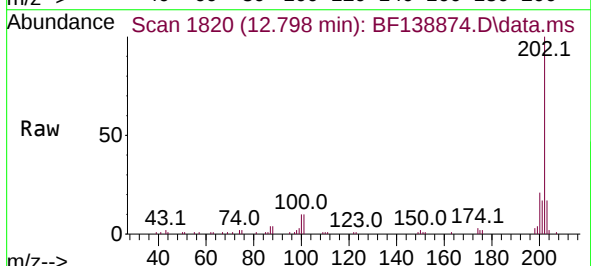
Tgt Ion:240 Resp: 8137
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4
236 25.7 19.8 29.8

Manual Integrations
APPROVED

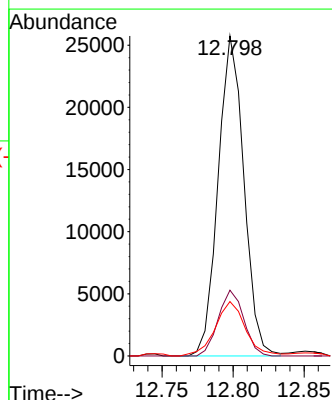
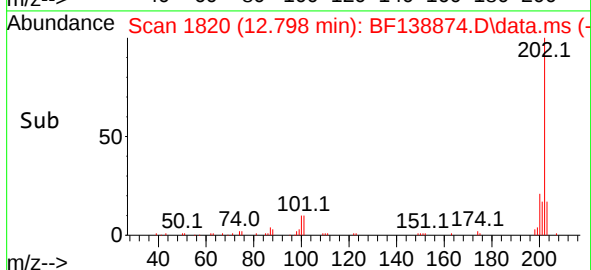
Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

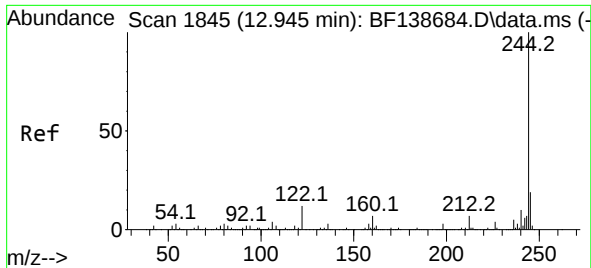


#78
Pyrene
Concen: 4.236 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33



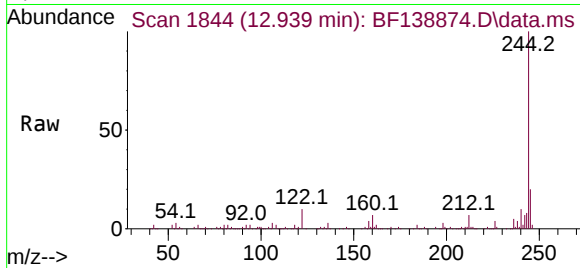
Tgt Ion:202 Resp: 32455
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 32.123 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138874.D
 Acq: 08 Aug 2024 19:33

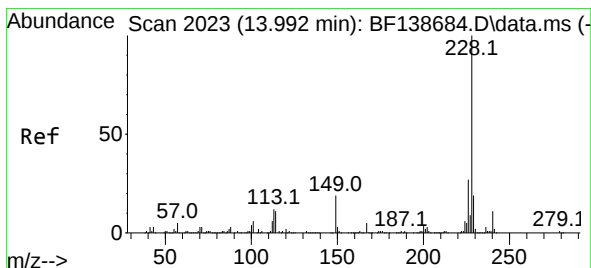
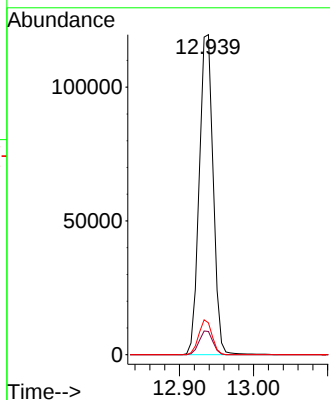
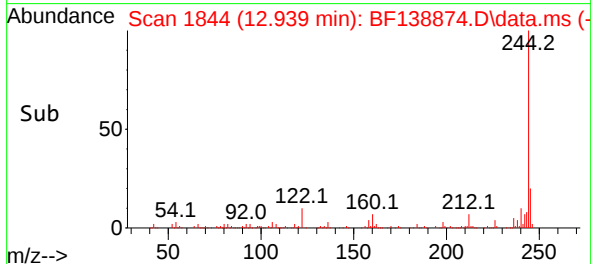
Instrument :
 BNA_F
 ClientSampleId :
 B



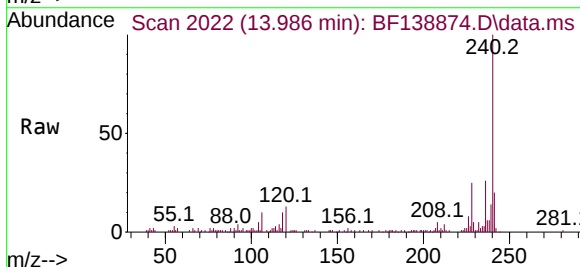
Tgt Ion:244 Resp: 156134
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.0 9.6 14.4

Manual Integrations
 APPROVED

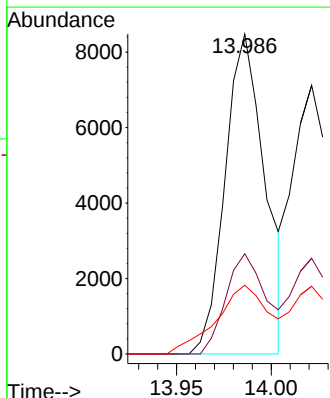
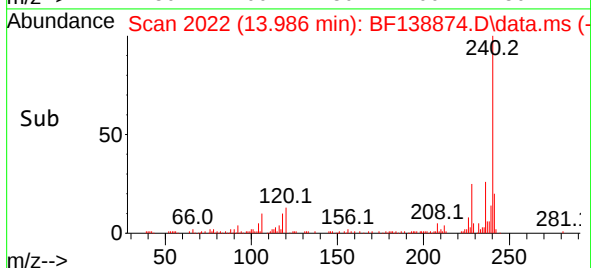
Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :mohammad ahmed 08/09/2024

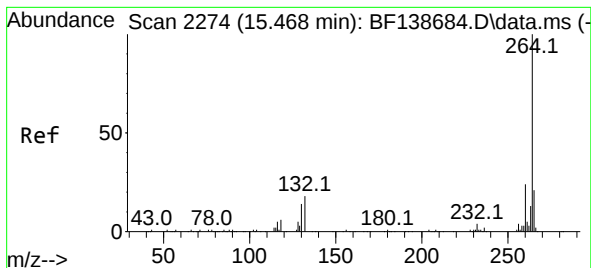


#81
 Benzo(a)anthracene
 Concen: 2.215 ng
 RT: 13.986 min Scan# 2022
 Delta R.T. -0.006 min
 Lab File: BF138874.D
 Acq: 08 Aug 2024 19:33



Tgt Ion:228 Resp: 12413
 Ion Ratio Lower Upper
 228 100
 226 31.3 22.1 33.1
 229 21.5 15.4 23.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

B

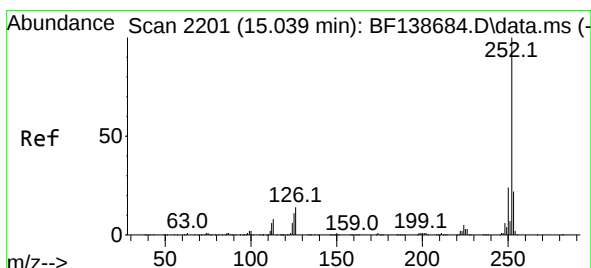
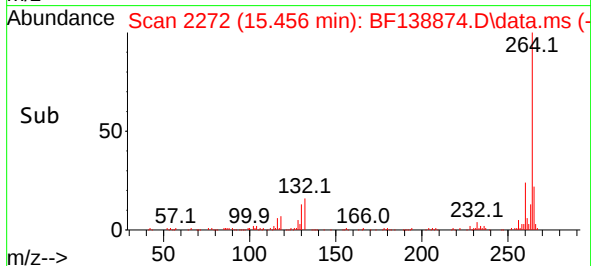
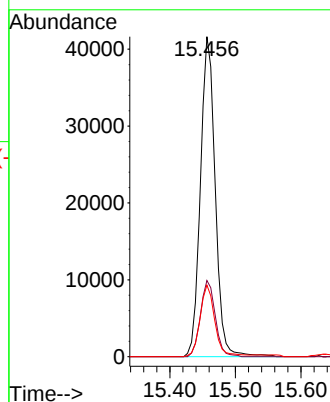
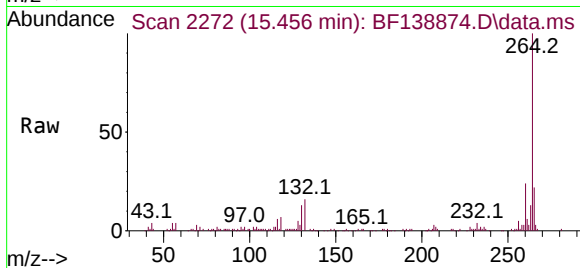
Tgt Ion:264	Resp: 6561
Ion Ratio	Lower Upper
264 100	
260 23.8	19.0 28.6
265 22.3	17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/09/2024



#88

Benzo(b)fluoranthene

Concen: 2.714 ng m

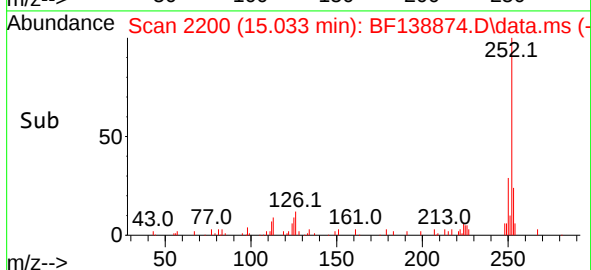
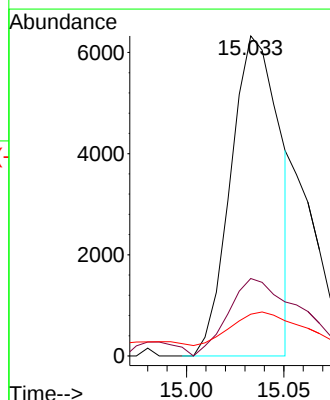
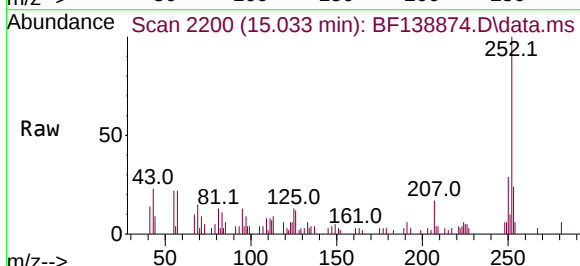
RT: 15.033 min Scan# 2200

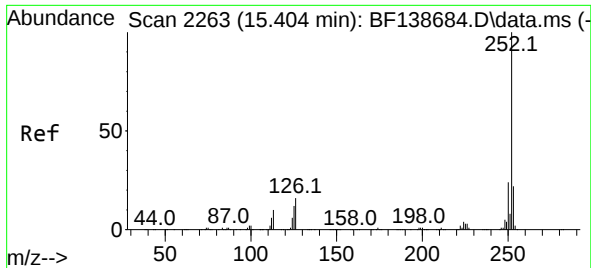
Delta R.T. -0.006 min

Lab File: BF138874.D

Acq: 08 Aug 2024 19:33

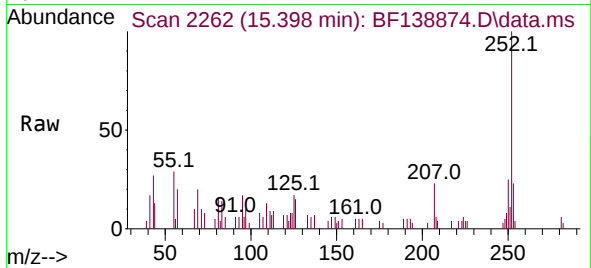
Tgt Ion:252	Resp: 11040
Ion Ratio	Lower Upper
252 100	
253 24.2	17.5 26.3
125 13.1	8.9 13.3





#90
Benzo(a)pyrene
Concen: 2.189 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138874.D
Acq: 08 Aug 2024 19:33

Instrument :
BNA_F
ClientSampleId :
B



Tgt Ion:252 Resp: 7489
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 16.8 9.5 14.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/09/2024

