

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133659.D
 Acq On : 09 Jun 2023 01:31
 Operator : CG\JU
 Sample : 03047-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC33

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 04:12:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	109667	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	369940	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	155206	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	283794	20.000	ng	0.00
76) Chrysene-d12	14.010	240	171129	20.000	ng	0.00
86) Perylene-d12	15.474	264	138941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	465291	70.789	ng	0.00
7) Phenol-d6	6.463	99	539199	66.639	ng	0.00
23) Nitrobenzene-d5	7.398	82	323802	58.441	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	117785	76.132	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	568538	56.538	ng	0.00
79) Terphenyl-d14	12.957	244	572143	59.444	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	58924	3.711	ng	99
78) Pyrene	12.810	202	53809	3.695	ng	100
81) Benzo(a)anthracene	13.998	228	27792	2.438	ng	94
83) Chrysene	14.033	228	25556	2.221	ng	94
88) Benzo(b)fluoranthene	15.051	252	27552m	3.045	ng	
90) Benzo(a)pyrene	15.410	252	17376	2.111	ng	# 93

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

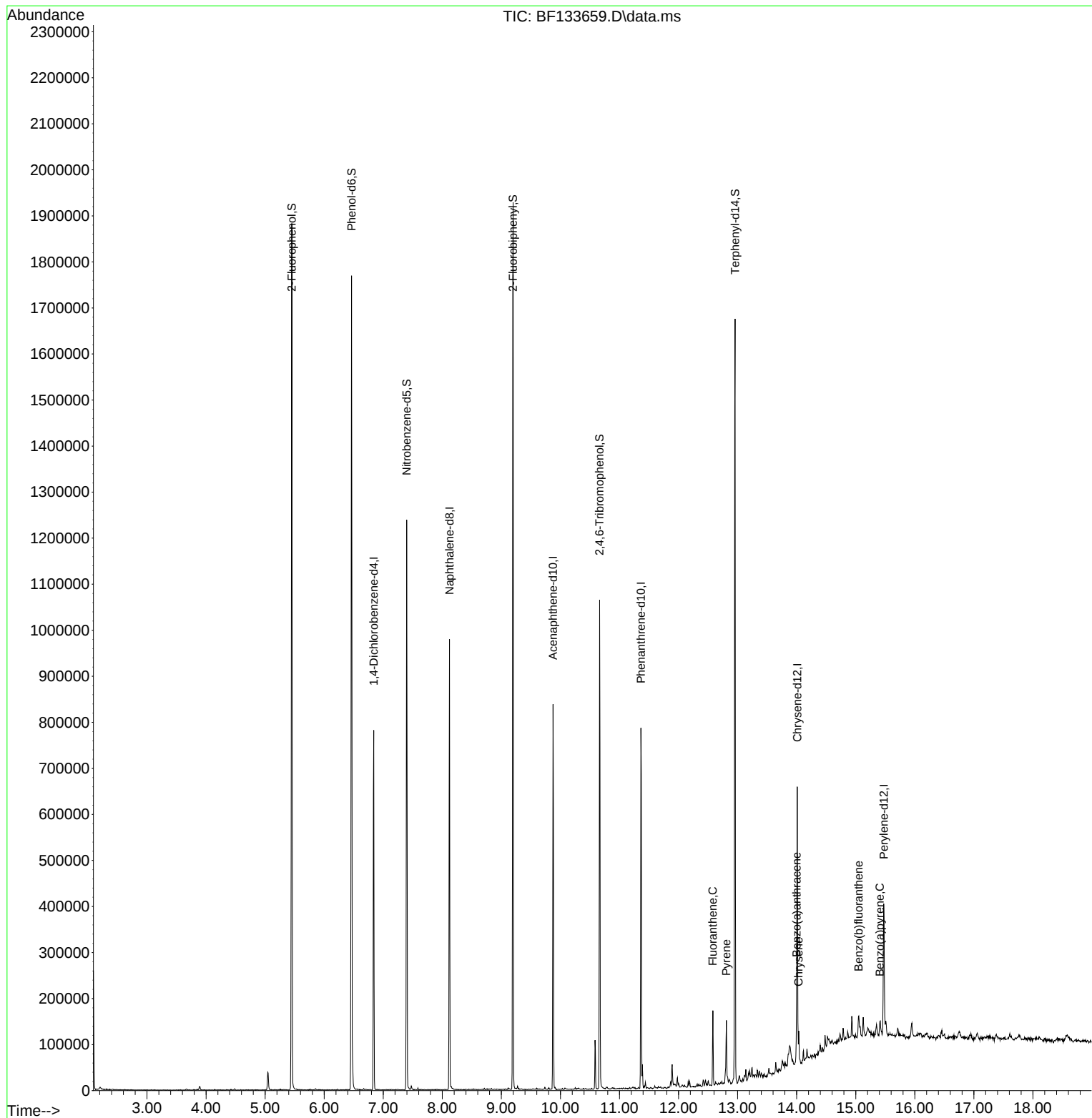
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
Data File : BF133659.D
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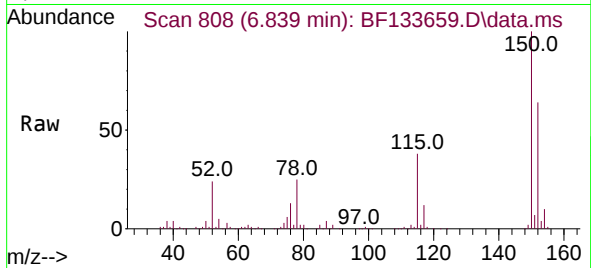
Quant Time: Jun 09 04:12:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:43:32 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

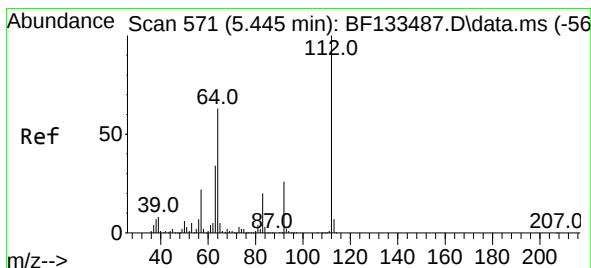
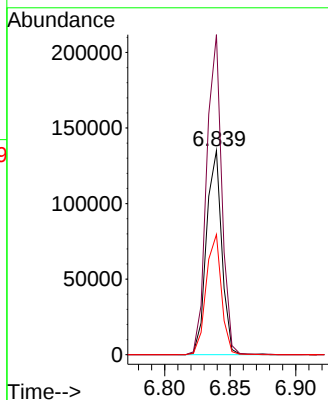
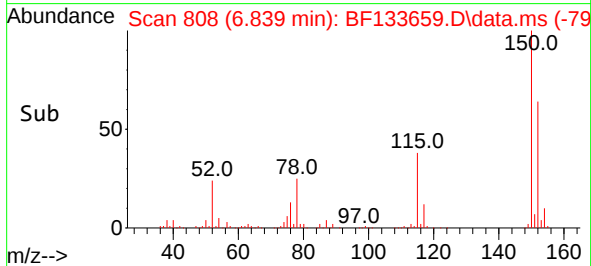
Instrument :
BNA_F
ClientSampleId :
WC33



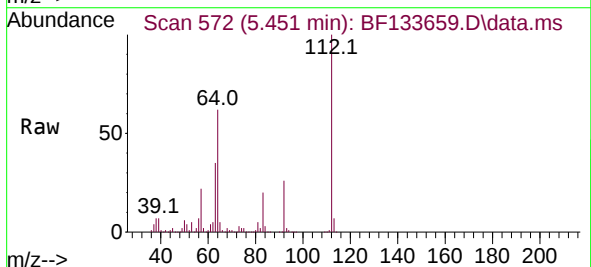
Tgt Ion:152 Resp: 10966
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 58.9 48.1 72.1

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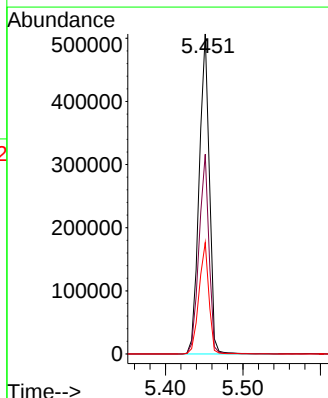
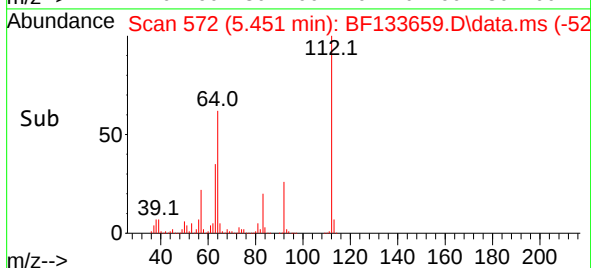
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

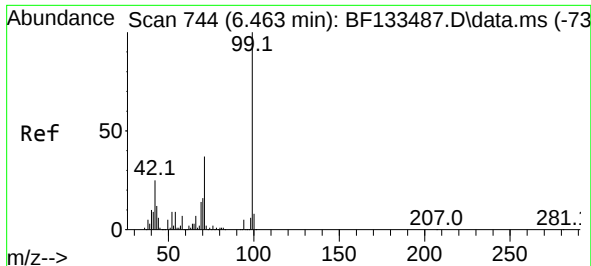


#5
2-Fluorophenol
Concen: 70.789 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31



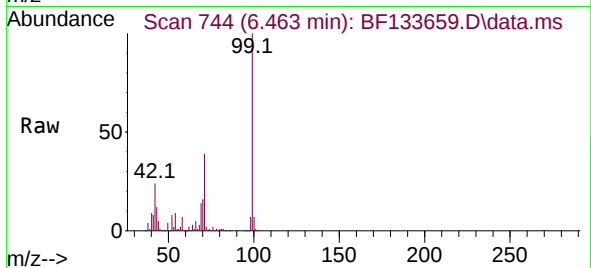
Tgt Ion:112 Resp: 465291
Ion Ratio Lower Upper
112 100
64 62.4 50.1 75.1
63 34.8 27.5 41.3





#7
Phenol-d6
Concen: 66.639 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

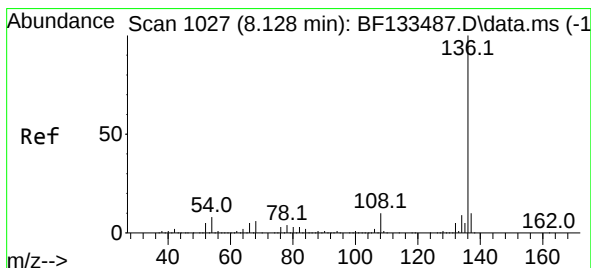
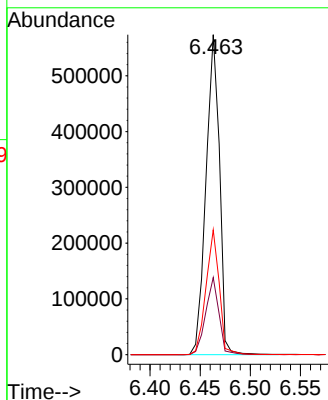
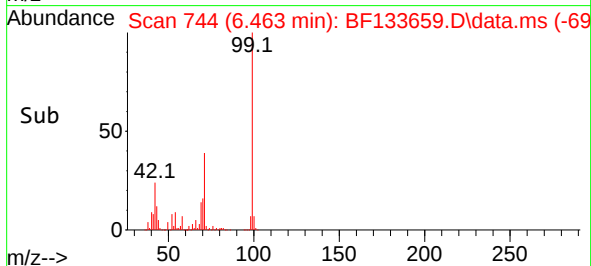
Instrument :
BNA_F
ClientSampleId :
WC33



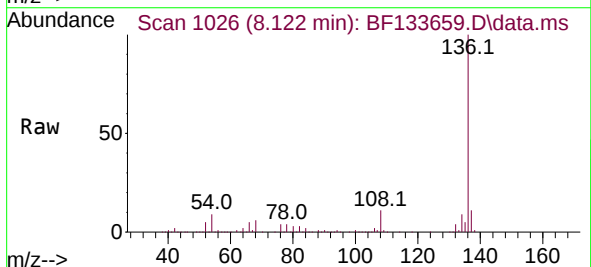
Tgt Ion: 99 Resp: 539199
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 39.0 29.8 44.8

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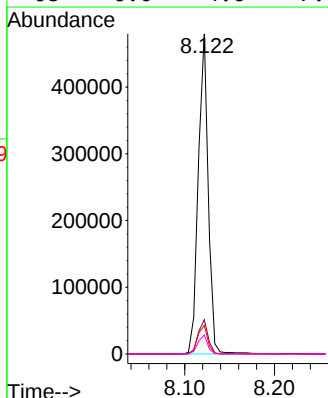
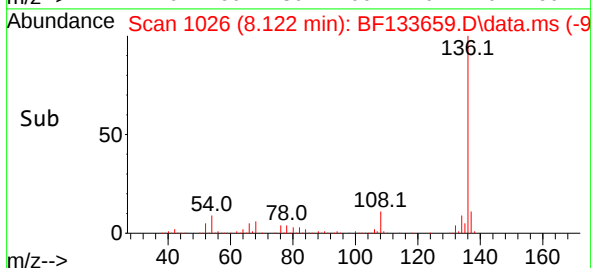
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31



Tgt Ion:136 Resp: 369940
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.9 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 58.441 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133659.D

Acq: 09 Jun 2023 01:31

Instrument :

BNA_F

ClientSampleId :

WC33

Tgt Ion: 82 Resp: 32380

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.4

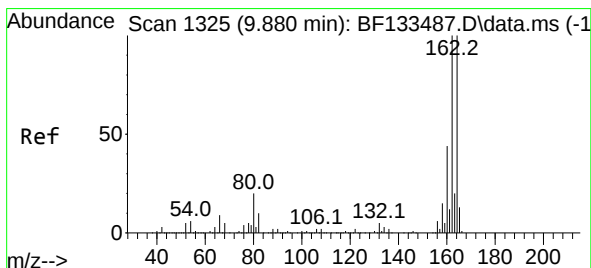
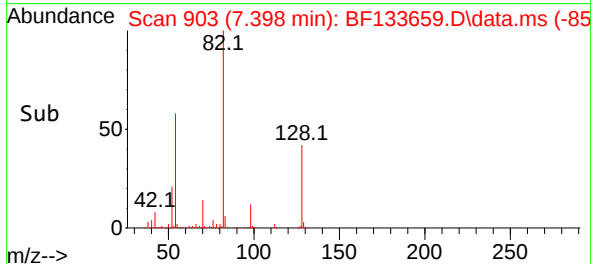
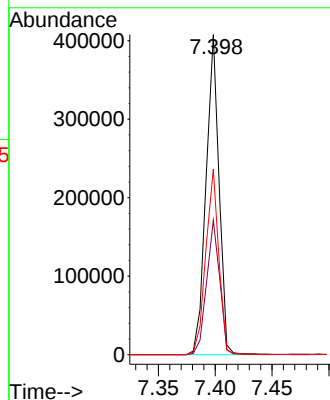
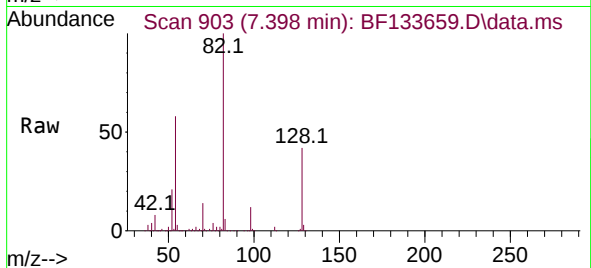
54 58.0 48.2 72.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133659.D

Acq: 09 Jun 2023 01:31

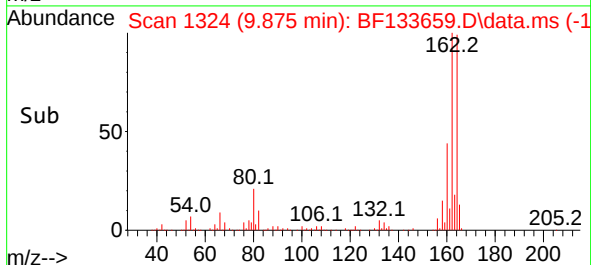
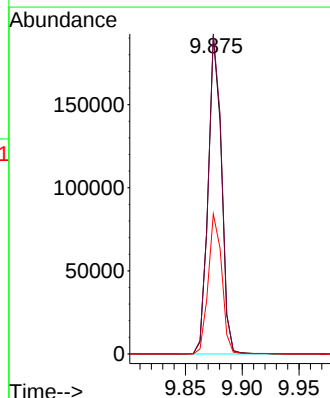
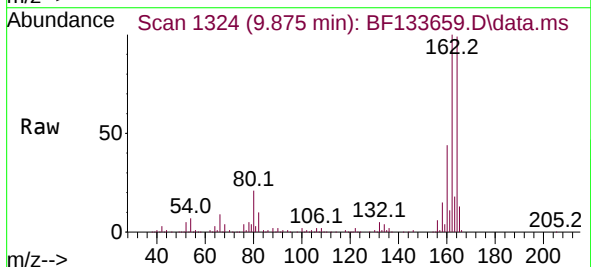
Tgt Ion:164 Resp: 155206

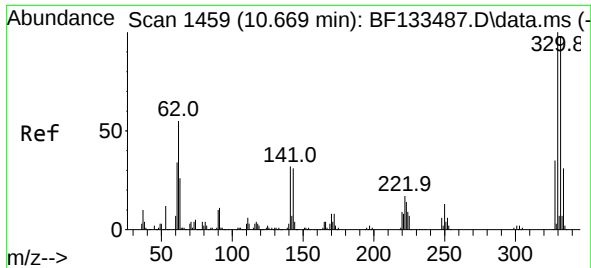
Ion Ratio Lower Upper

164 100

162 100.6 79.7 119.5

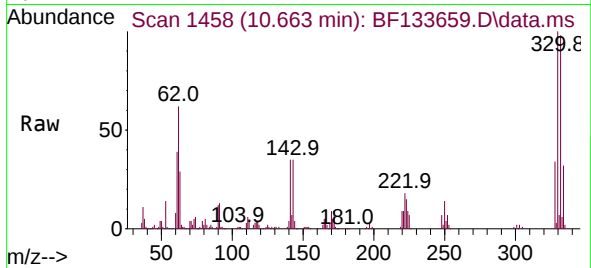
160 44.0 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 76.132 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

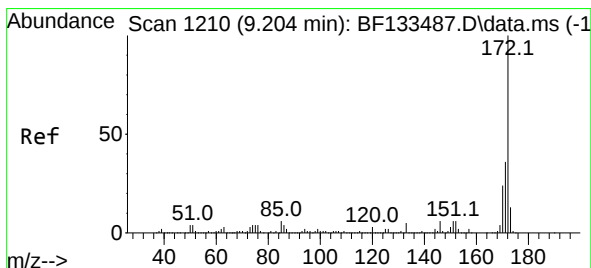
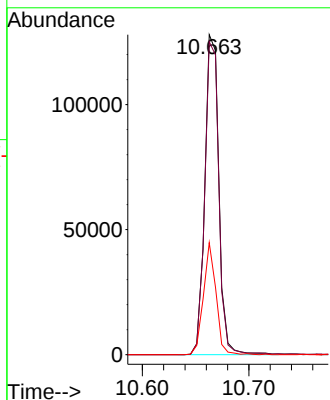
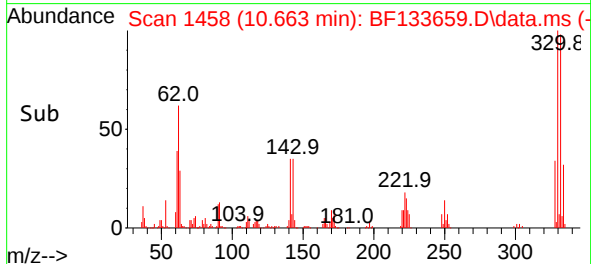
Instrument :
BNA_F
ClientSampleId :
WC33



Tgt Ion:330 Resp: 11778
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.6
141 31.3 26.6 40.0

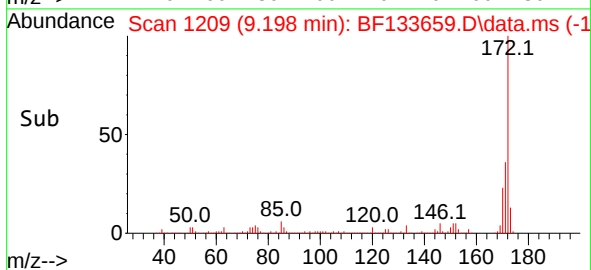
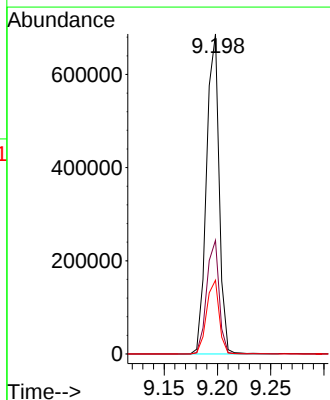
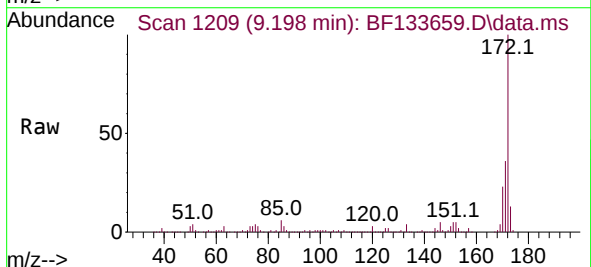
Manual Integrations
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Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#45
2-Fluorobiphenyl
Concen: 56.538 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

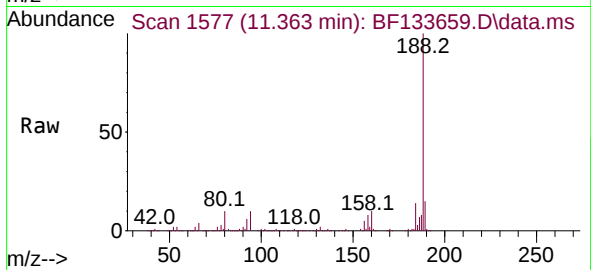
Tgt Ion:172 Resp: 568538
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.1 19.3 28.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

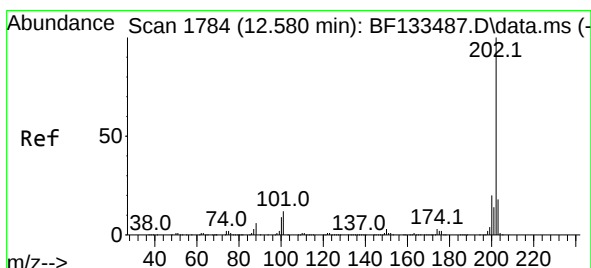
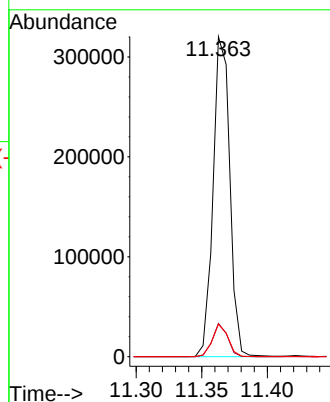
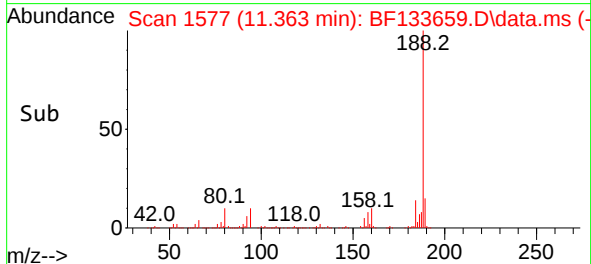
Instrument :
BNA_F
ClientSampleId :
WC33



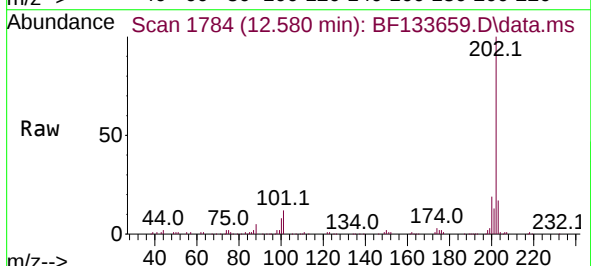
Tgt Ion:188 Resp: 283794
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 10.2 9.2 13.8

Manual Integrations
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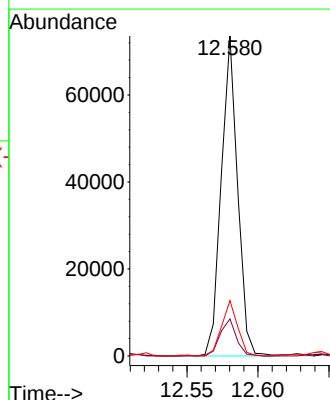
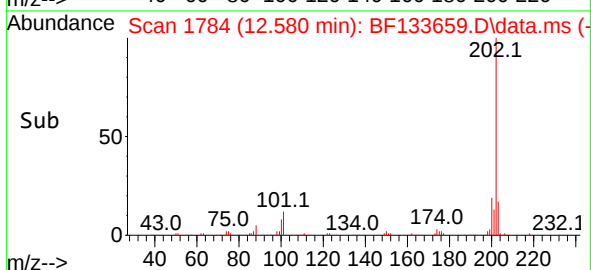
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

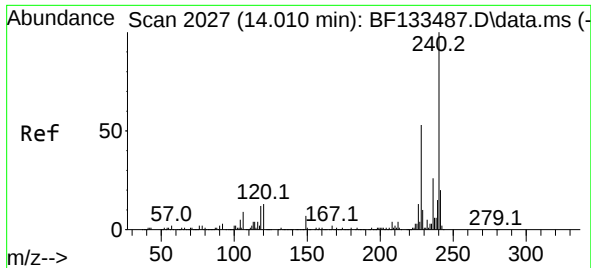


#75
Fluoranthene
Concen: 3.711 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31



Tgt Ion:202 Resp: 58924
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 17.3 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

Instrument :

BNA_F

ClientSampleId :

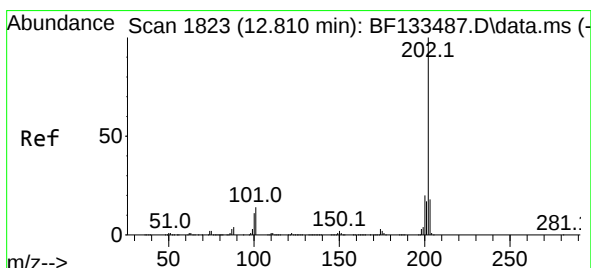
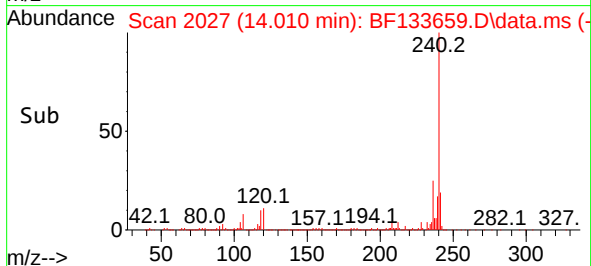
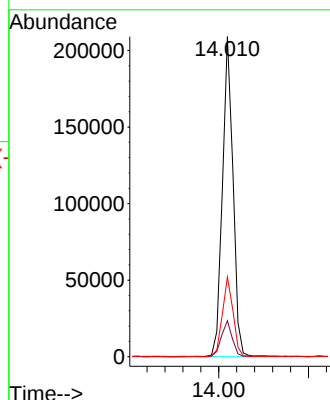
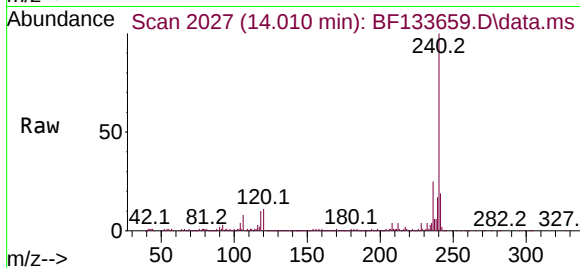
WC33

Tgt Ion:240 Resp: 171129
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 24.9 20.5 30.7

Manual Integrations

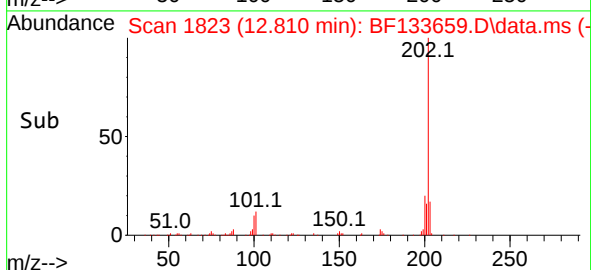
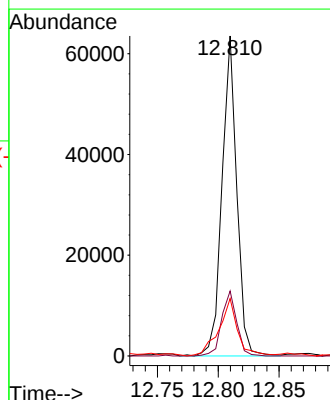
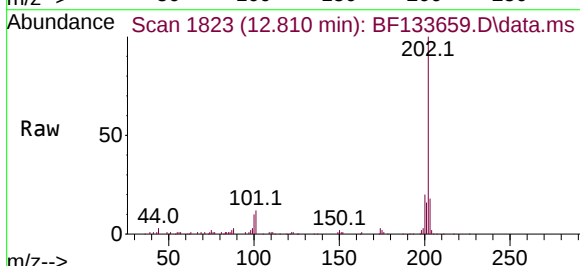
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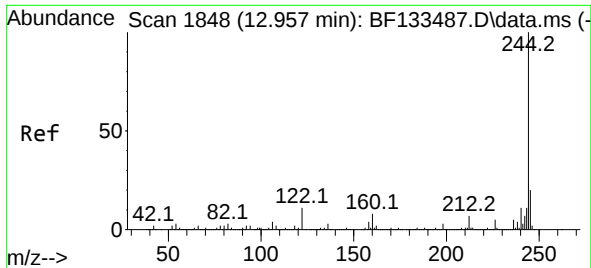
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#78
Pyrene
Concen: 3.695 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133659.D
Acq: 09 Jun 2023 01:31

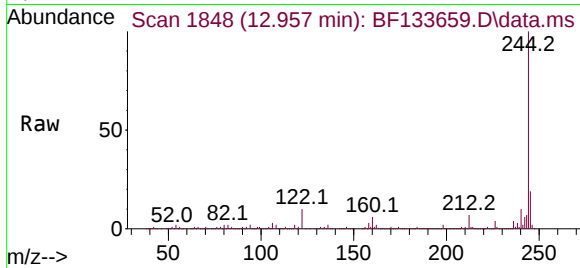
Tgt Ion:202 Resp: 53809
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 18.0 14.3 21.5





#79
 Terphenyl-d14
 Concen: 59.444 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133659.D
 Acq: 09 Jun 2023 01:31

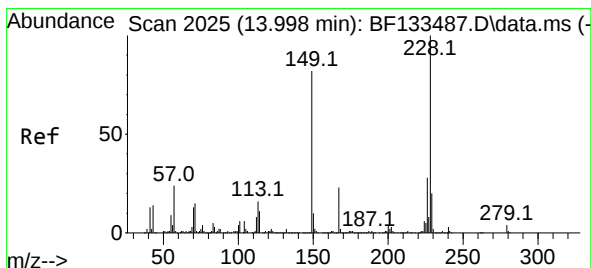
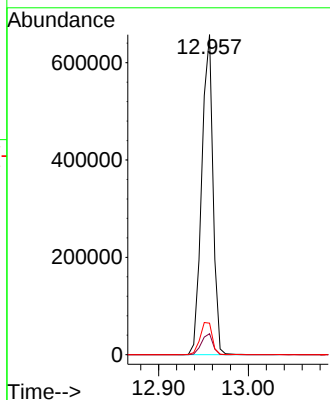
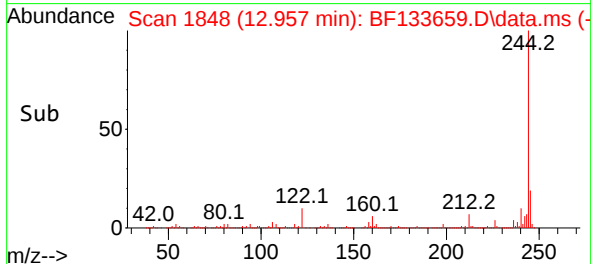
Instrument :
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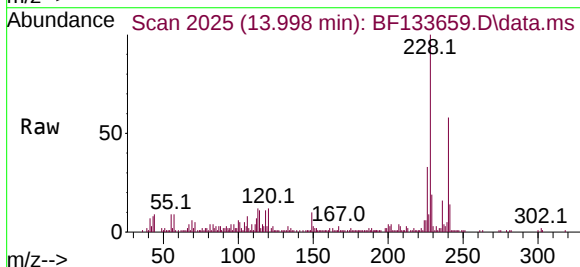
Tgt Ion:244 Resp: 57214
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 9.9 8.5 12.7

Manual Integrations
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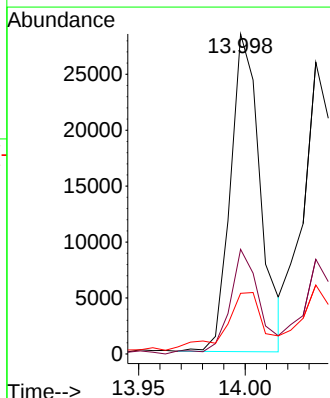
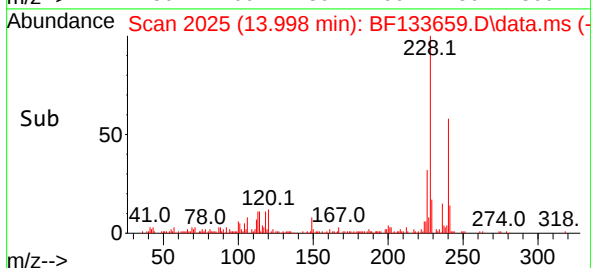
Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

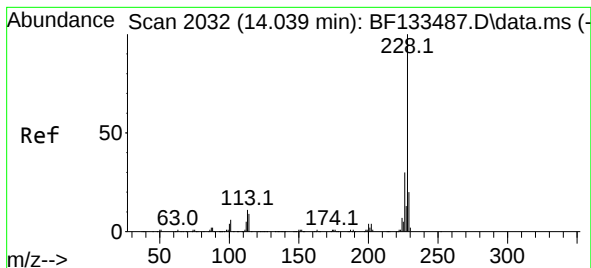


#81
 Benzo(a)anthracene
 Concen: 2.438 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.006 min
 Lab File: BF133659.D
 Acq: 09 Jun 2023 01:31



Tgt Ion:228 Resp: 27792
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.3 33.5
 229 19.0 16.1 24.1





#83

Chrysene

Concen: 2.221 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF133659.D

Acq: 09 Jun 2023 01:31

Instrument :

BNA_F

ClientSampleId :

WC33

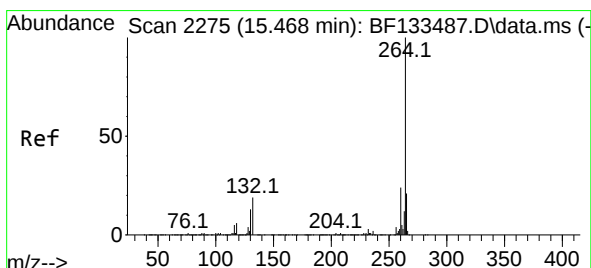
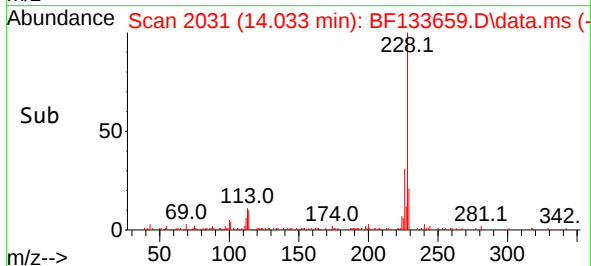
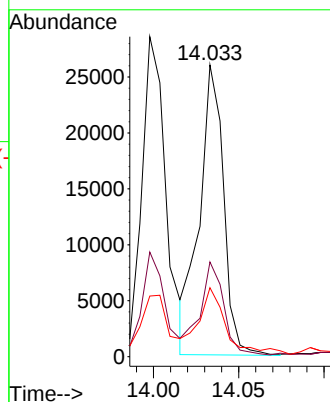
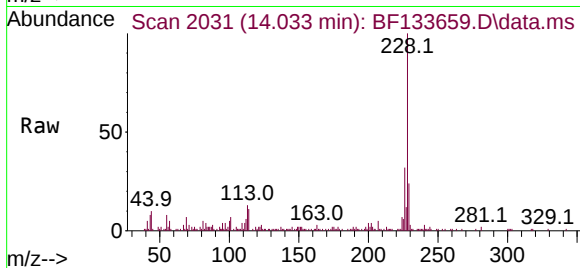
Tgt Ion:228	Resp:	25550
Ion Ratio	Lower	Upper
228	100	
226	32.5	24.1 36.1
229	23.7	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#86

Perylene-d12

Concen: 20.000 ng

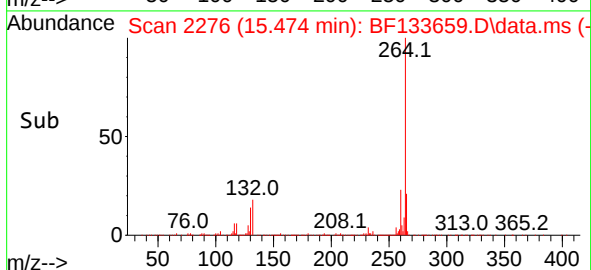
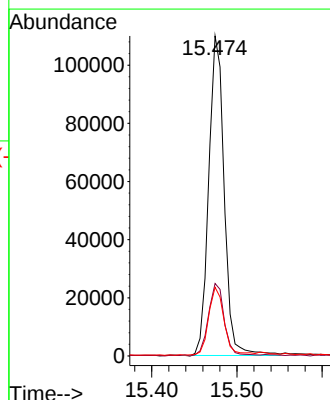
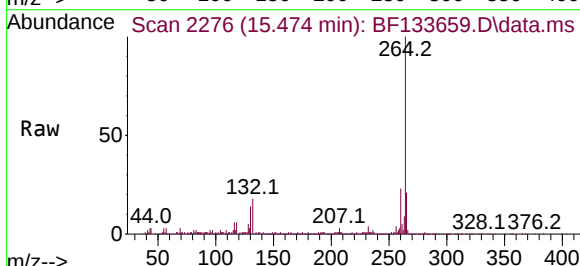
RT: 15.474 min Scan# 2276

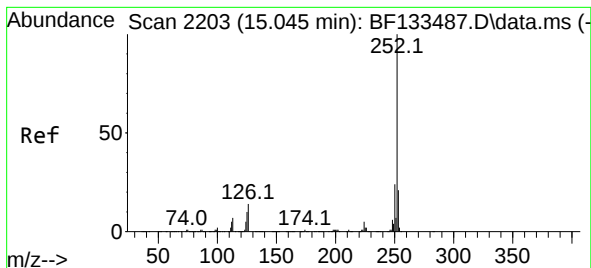
Delta R.T. -0.006 min

Lab File: BF133659.D

Acq: 09 Jun 2023 01:31

Tgt Ion:264	Resp:	138941
Ion Ratio	Lower	Upper
264	100	
260	22.6	19.0 28.4
265	21.5	16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 3.045 ng m

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF133659.D

Acq: 09 Jun 2023 01:31

Instrument :

BNA_F

ClientSampleId :

WC33

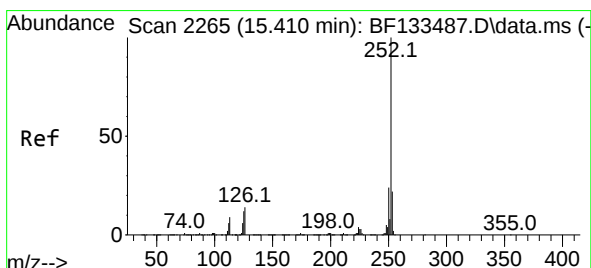
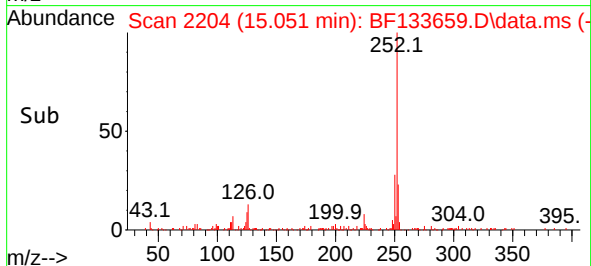
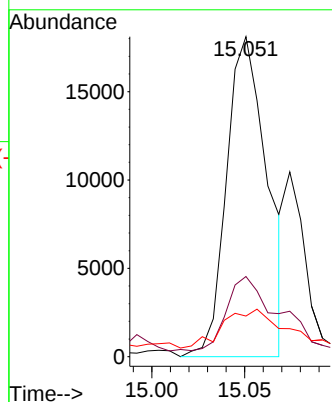
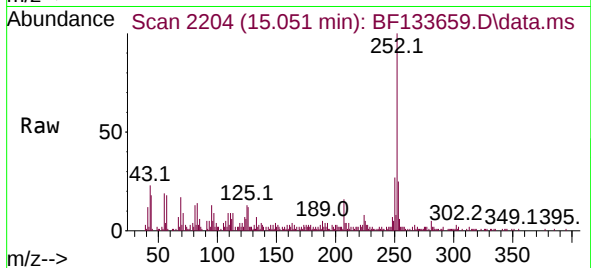
Tgt Ion:252 Resp: 27552
 Ion Ratio Lower Upper
 252 100
 253 25.1 17.2 25.8
 125 12.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#90

Benzo(a)pyrene

Concen: 2.111 ng

RT: 15.410 min Scan# 2265

Delta R.T. -0.006 min

Lab File: BF133659.D

Acq: 09 Jun 2023 01:31

Tgt Ion:252 Resp: 17376
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.4 26.0
 125 16.5 9.4 14.0

