

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133656.D
 Acq On : 08 Jun 2023 23:58
 Operator : CG\JU
 Sample : 03047-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC32

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 01:51:28 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	111245	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	388191	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	157915	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	290487	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	177375	20.000	ng	0.00
86) Perylene-d12	15.480	264	145040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	574335	86.139	ng	0.01
7) Phenol-d6	6.469	99	671738	81.842	ng	0.00
23) Nitrobenzene-d5	7.398	82	413729	71.161	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	143161	90.947	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	717129	70.091	ng	0.00
79) Terphenyl-d14	12.957	244	679720	68.134	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.580	202	72135	4.439	ng	98
78) Pyrene	12.810	202	66217	4.387	ng	97
81) Benzo(a)anthracene	13.998	228	33011	2.794	ng	97
83) Chrysene	14.039	228	26847	2.251	ng	97
88) Benzo(b)fluoranthene	15.051	252	33885m	3.588	ng	
90) Benzo(a)pyrene	15.415	252	22551	2.624	ng	97

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

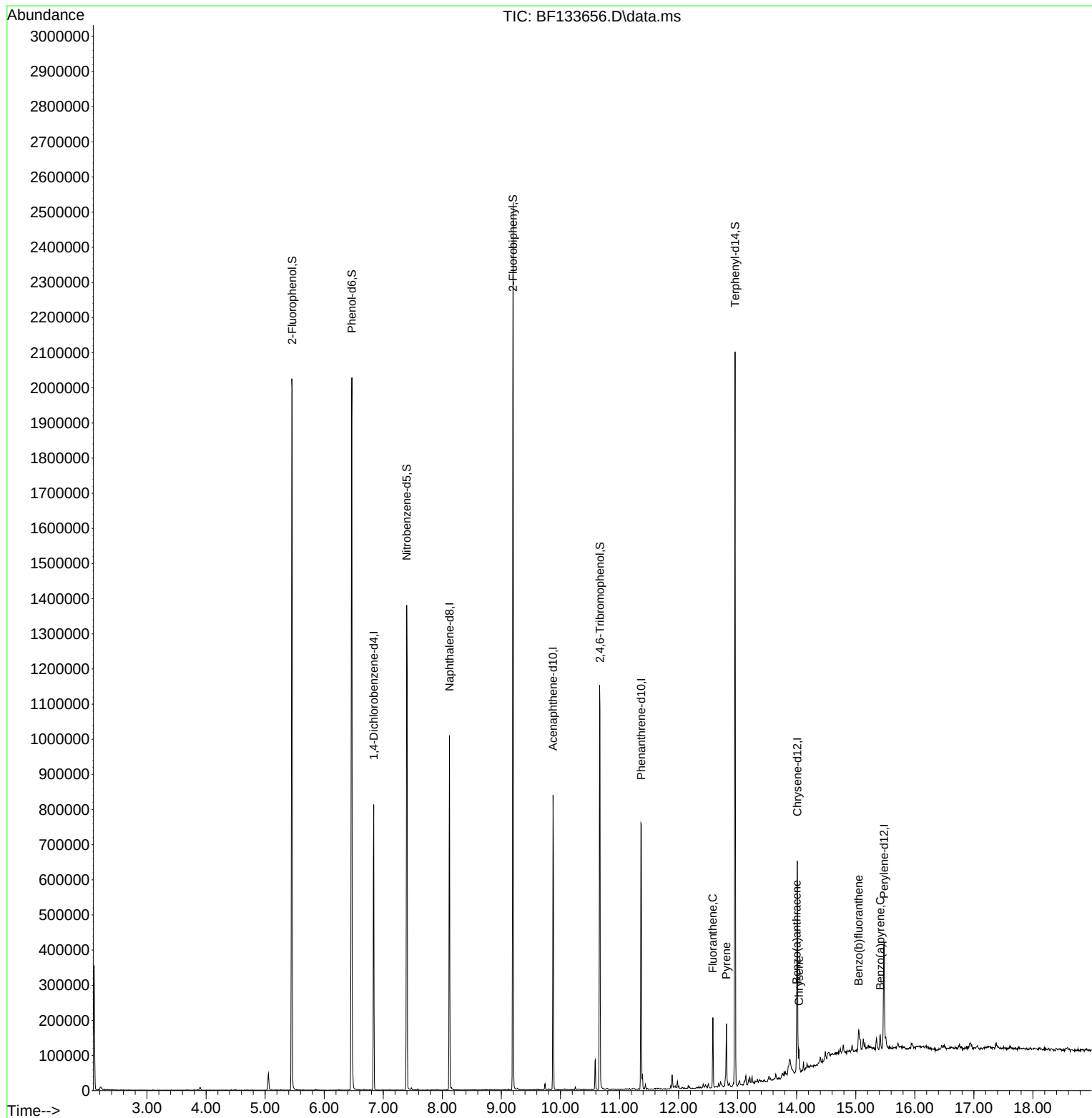
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
Data File : BF133656.D
Acq On : 08 Jun 2023 23:58
Operator : CG\JU
Sample : 03047-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

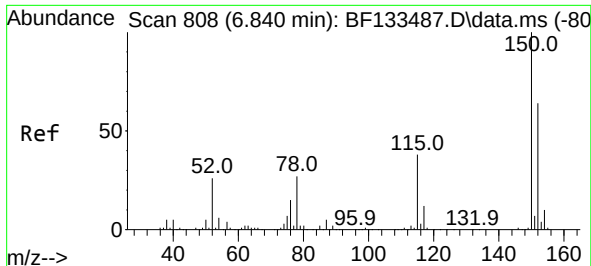
Instrument :
BNA_F
ClientSampleId :
WC32

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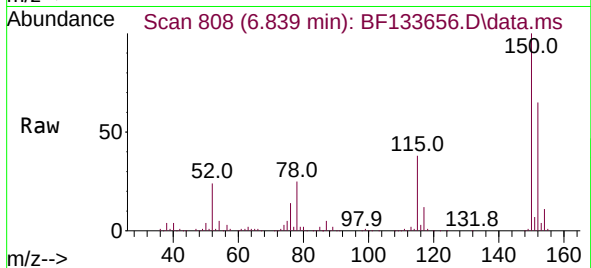
Quant Time: Jun 09 01:51:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:43:32 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58

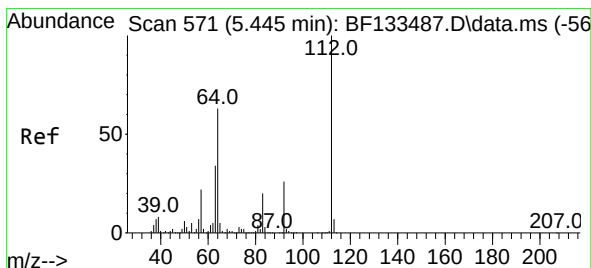
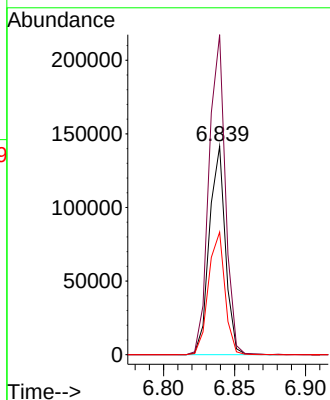
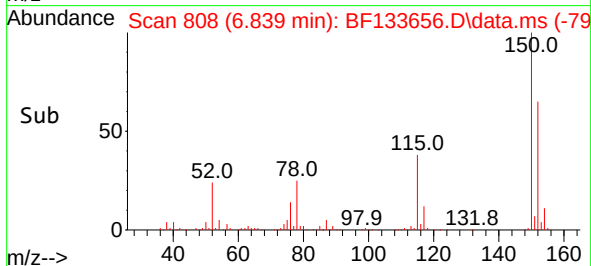
Instrument :
BNA_F
ClientSampleId :
WC32



Tgt Ion:152 Resp: 111249
Ion Ratio Lower Upper
152 100
150 153.5 124.9 187.3
115 58.8 48.1 72.1

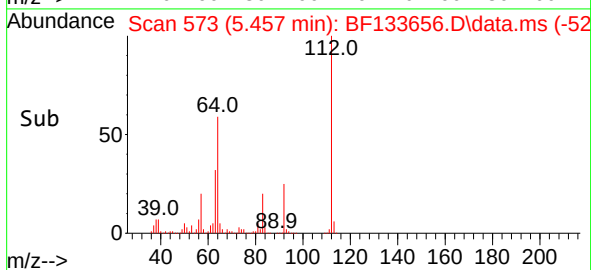
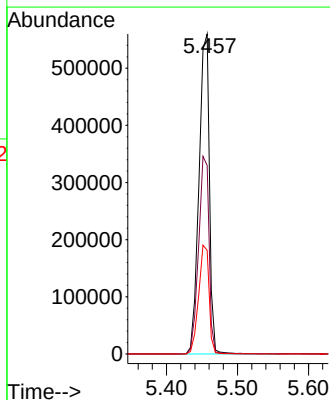
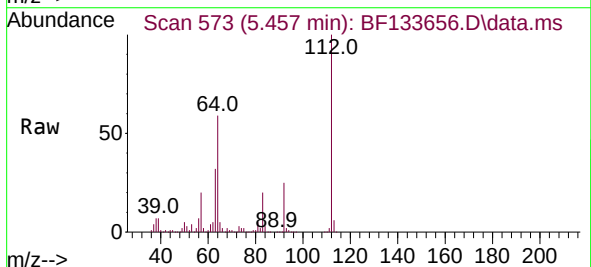
Manual Integrations
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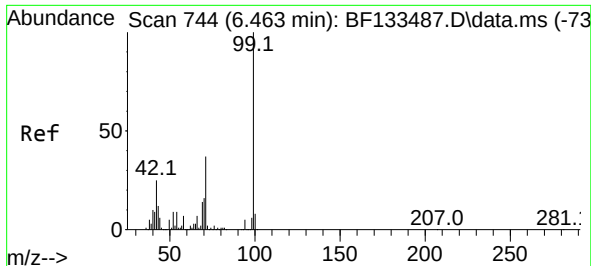
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#5
2-Fluorophenol
Concen: 86.139 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58

Tgt Ion:112 Resp: 574335
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 32.4 27.5 41.3





#7

Phenol-d6

Concen: 81.842 ng

RT: 6.469 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF133656.D

Acq: 08 Jun 2023 23:58

Instrument :

BNA_F

ClientSampleId :

WC32

Tgt Ion: 99 Resp: 671738

Ion Ratio Lower Upper

99 100

42 22.4 19.7 29.5

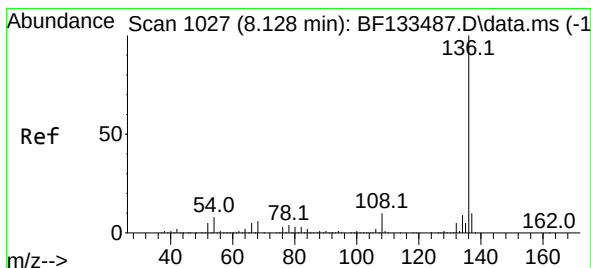
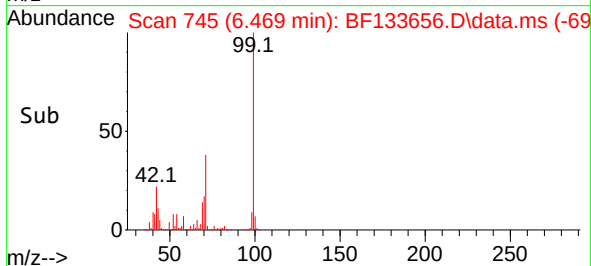
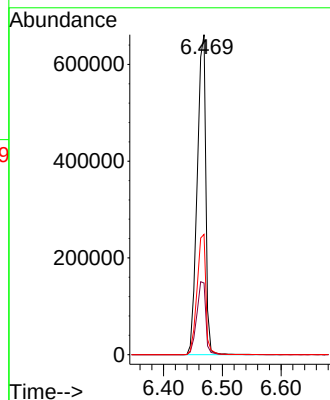
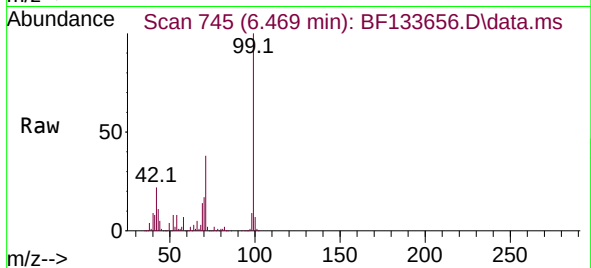
71 37.6 29.8 44.8

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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: BF133656.D

Acq: 08 Jun 2023 23:58

Tgt Ion:136 Resp: 388191

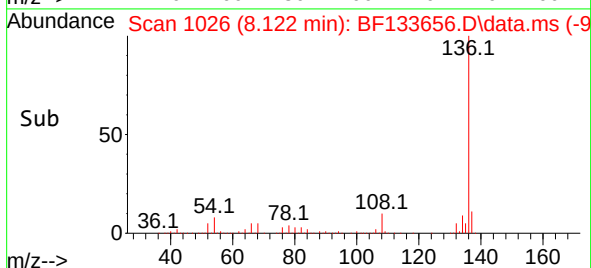
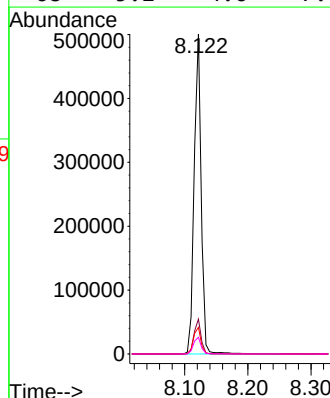
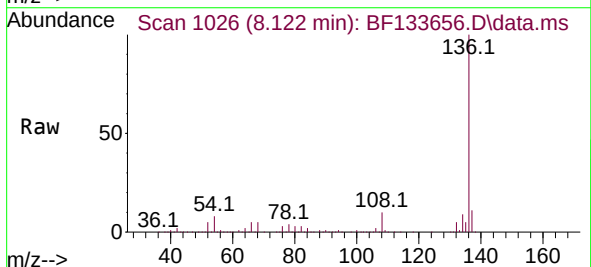
Ion Ratio Lower Upper

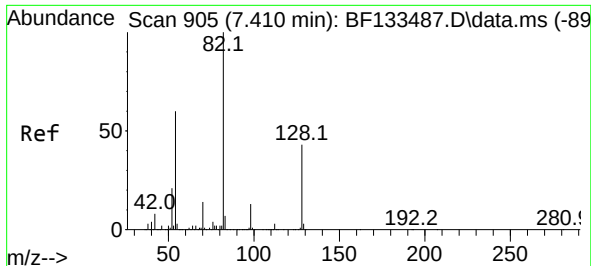
136 100

137 10.9 8.2 12.4

54 8.3 6.6 10.0

68 5.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 71.161 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133656.D

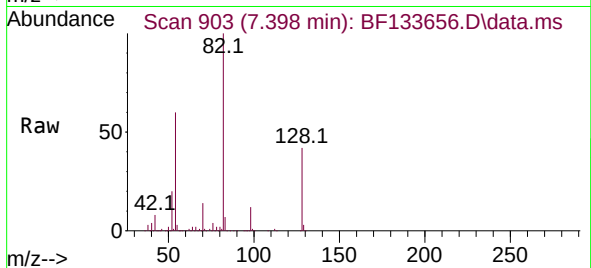
Acq: 08 Jun 2023 23:58

Instrument :

BNA_F

ClientSampleId :

WC32



Tgt Ion: 82 Resp: 413729

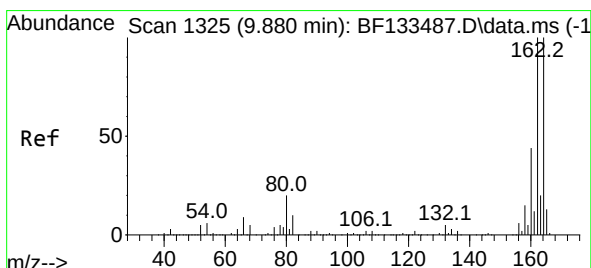
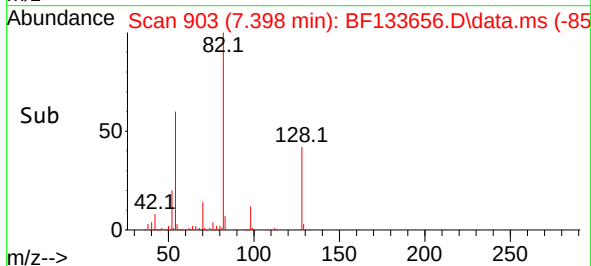
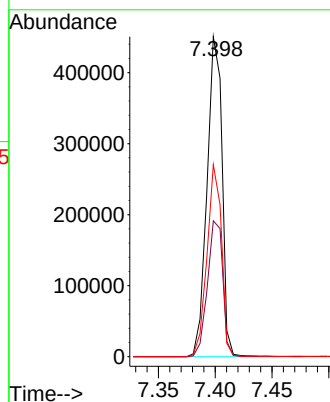
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.4
54	60.0	48.2	72.4

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Supervised By :mohammad ahmed 06/13/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

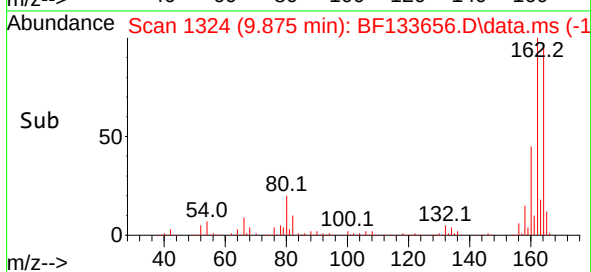
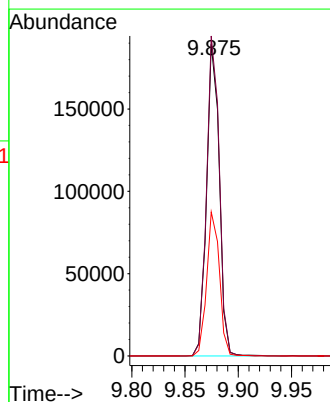
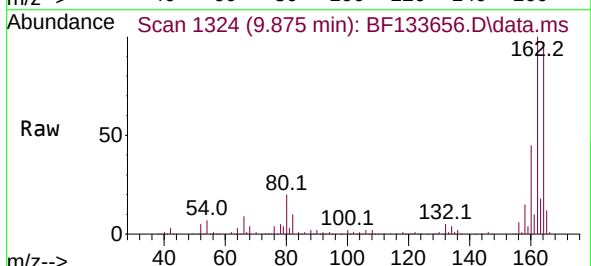
Delta R.T. -0.006 min

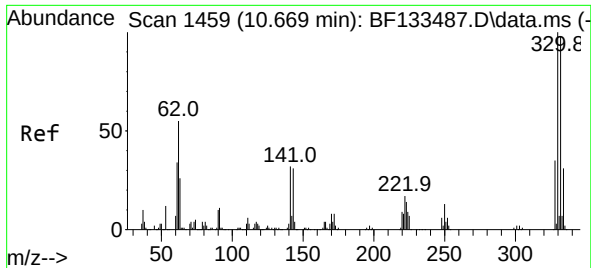
Lab File: BF133656.D

Acq: 08 Jun 2023 23:58

Tgt Ion:164 Resp: 157915

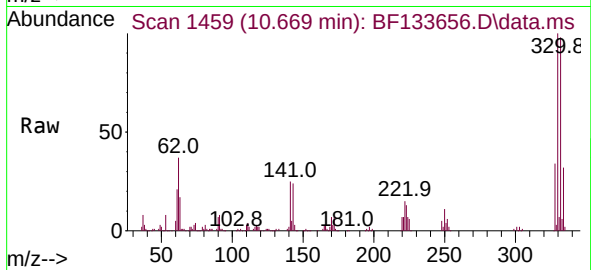
Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.7	119.5
160	46.2	35.4	53.0





#42
2,4,6-Tribromophenol
Concen: 90.947 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58

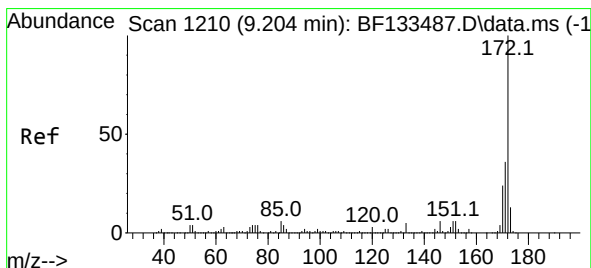
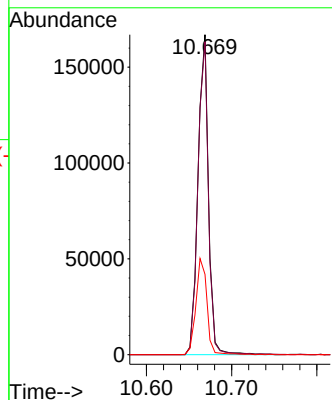
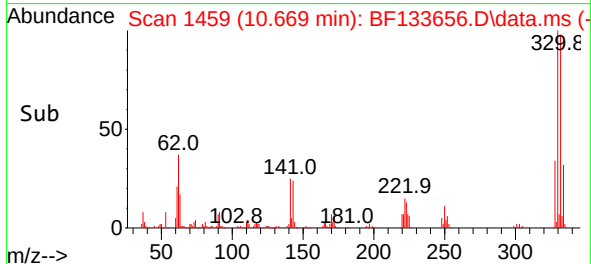
Instrument :
BNA_F
ClientSampleId :
WC32



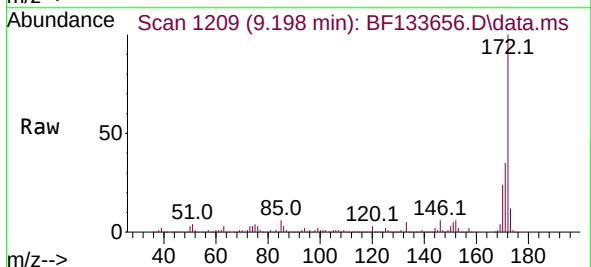
Tgt Ion: 330 Resp: 14316
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.6
141 31.5 26.6 40.0

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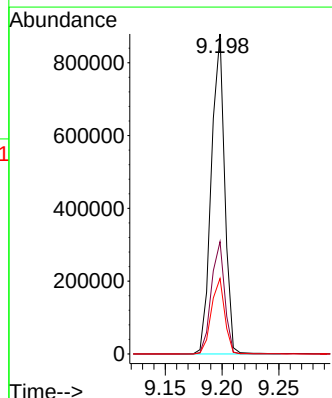
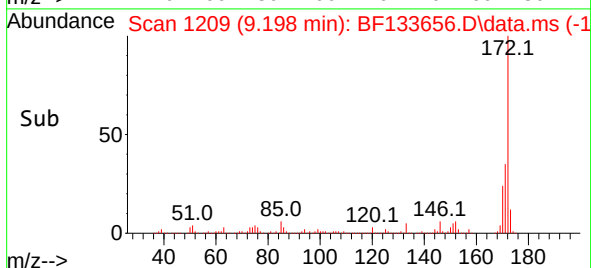
Reviewed By : Yogesh Patel 06/09/2023
Supervised By : mohammad ahmed 06/13/2023

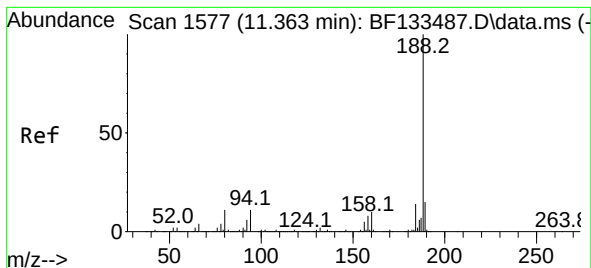


#45
2-Fluorobiphenyl
Concen: 70.091 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58



Tgt Ion: 172 Resp: 717129
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133656.D

Acq: 08 Jun 2023 23:58

Instrument :

BNA_F

ClientSampleId :

WC32

Tgt Ion:188 Resp: 29048

Ion Ratio Lower Upper

188 100

94 7.8 8.6 12.8

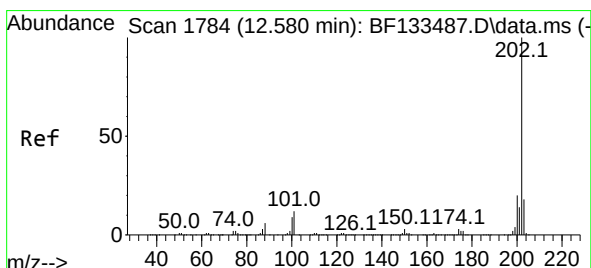
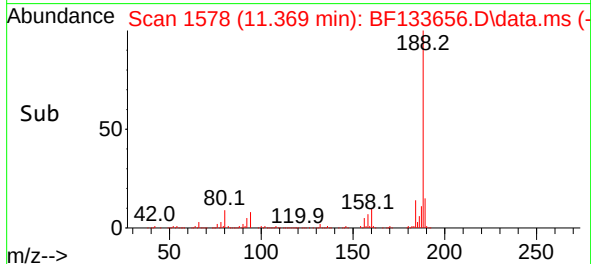
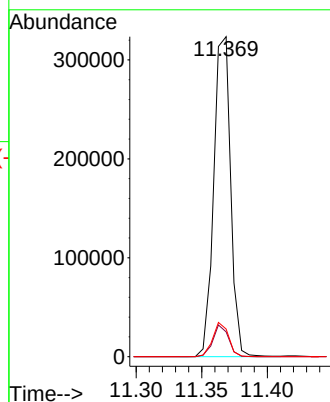
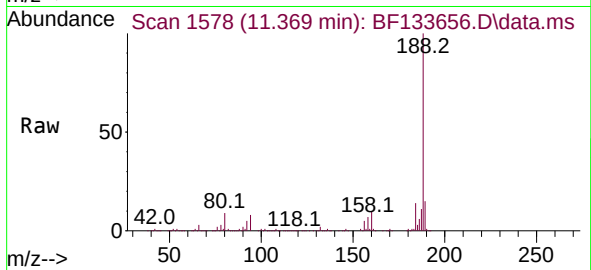
80 8.6 9.2 13.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#75

Fluoranthene

Concen: 4.439 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BF133656.D

Acq: 08 Jun 2023 23:58

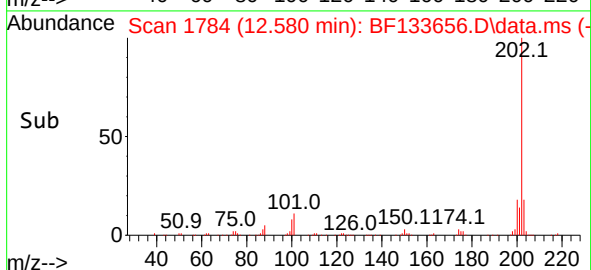
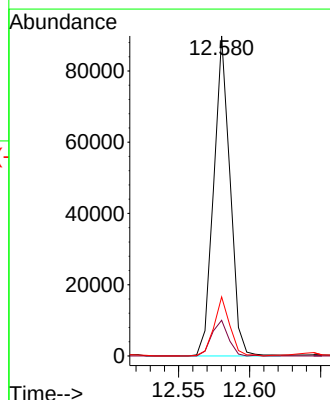
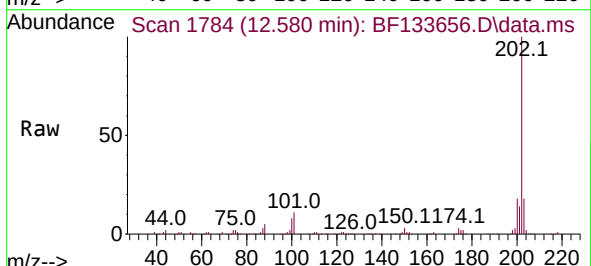
Tgt Ion:202 Resp: 72135

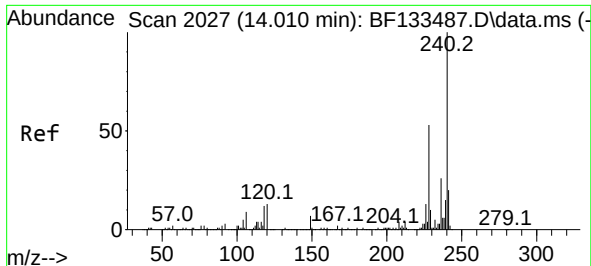
Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.2

203 18.5 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: BF133656.D
Acq: 08 Jun 2023 23:58

Instrument :

BNA_F

ClientSampleId :

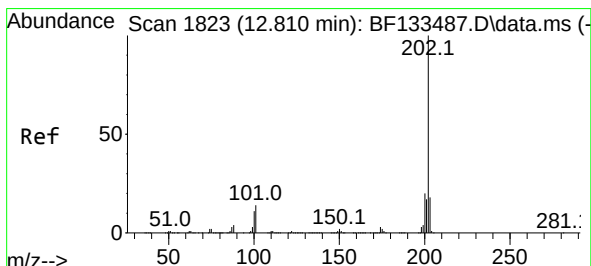
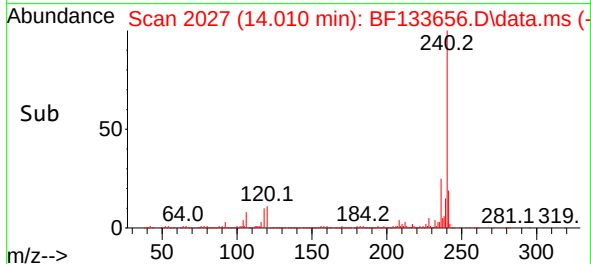
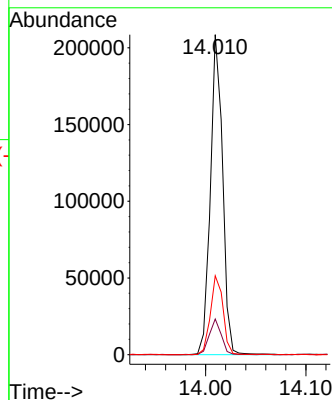
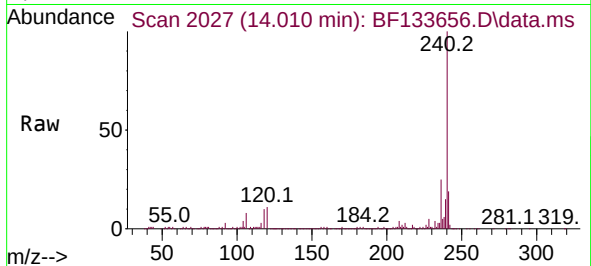
WC32

Tgt Ion:240 Resp: 177375
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 24.6 20.5 30.7

Manual Integrations

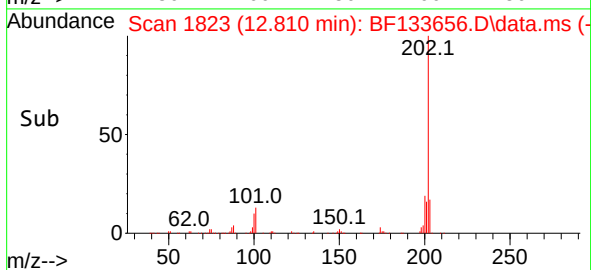
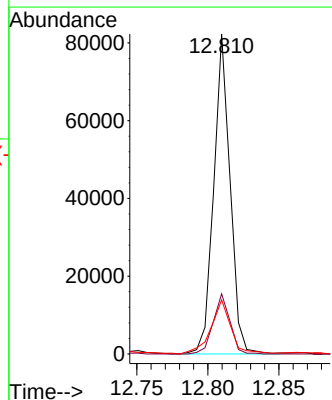
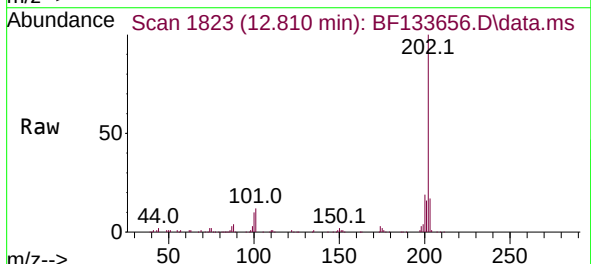
APPROVED

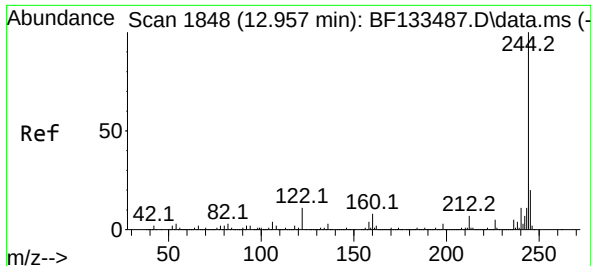
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#78
Pyrene
Concen: 4.387 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58

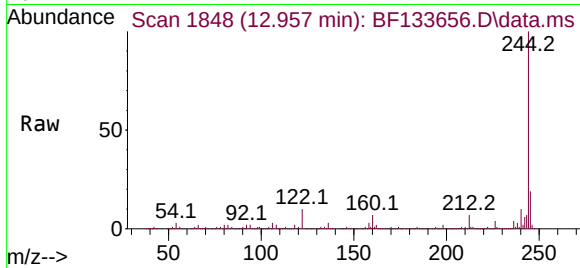
Tgt Ion:202 Resp: 66217
Ion Ratio Lower Upper
202 100
200 18.8 16.3 24.5
203 16.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 68.134 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133656.D
 Acq: 08 Jun 2023 23:58

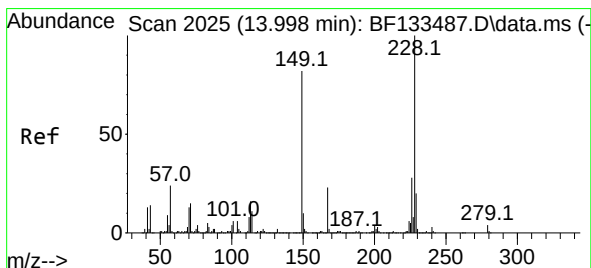
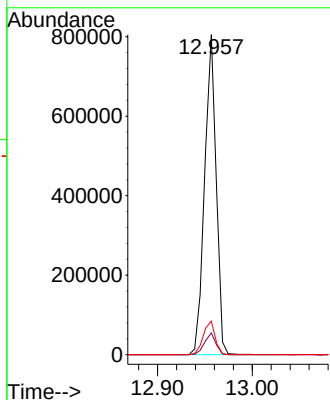
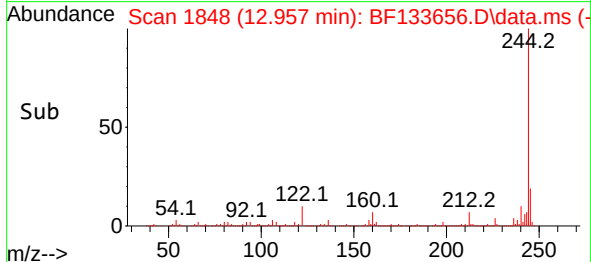
Instrument :
 BNA_F
 ClientSampleId :
 WC32



Tgt Ion:244 Resp: 679720
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.5 8.5 12.7

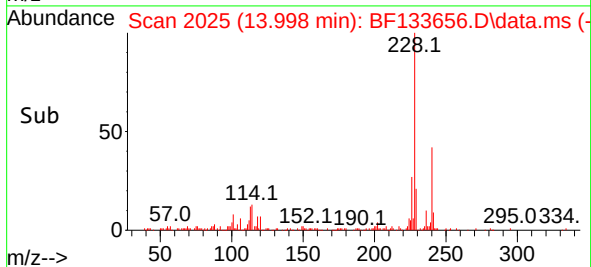
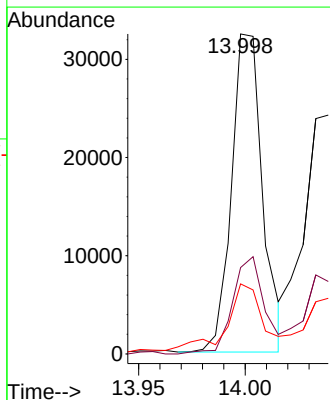
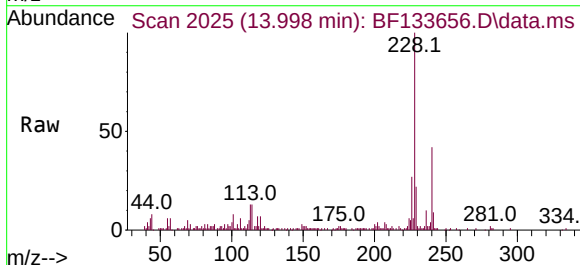
Manual Integrations
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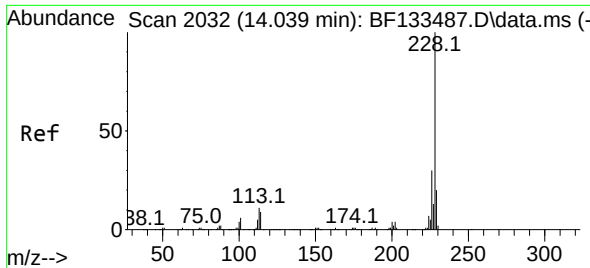
Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023



#81
 Benzo(a)anthracene
 Concen: 2.794 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.006 min
 Lab File: BF133656.D
 Acq: 08 Jun 2023 23:58

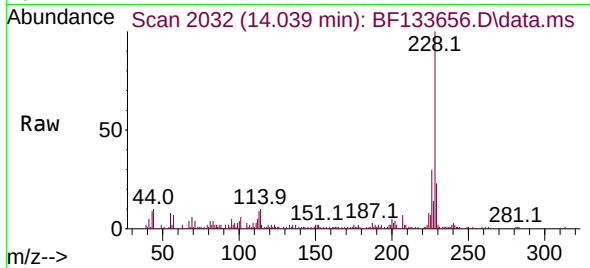
Tgt Ion:228 Resp: 33011
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.3 33.5
 229 21.9 16.1 24.1





#83
Chrysene
Concen: 2.251 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58

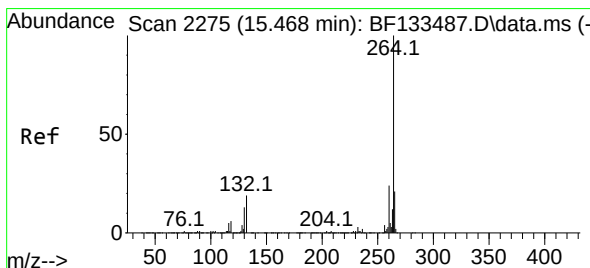
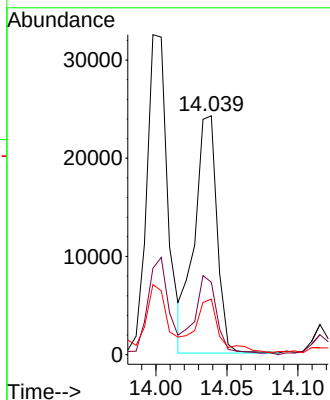
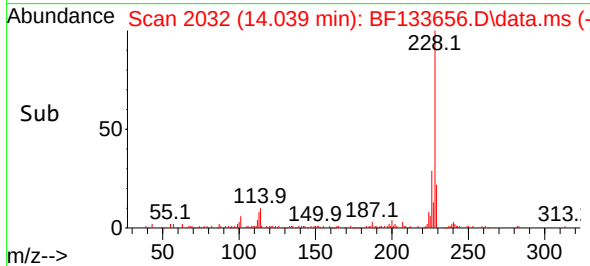
Instrument :
BNA_F
ClientSampleId :
WC32



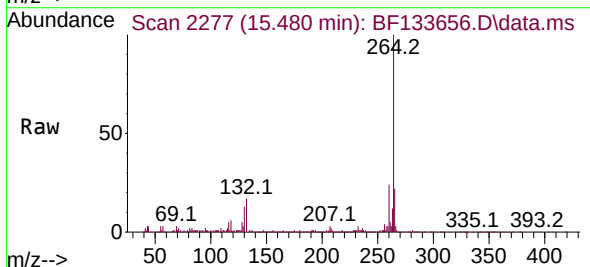
Tgt Ion:228 Resp: 2684
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 23.3 15.8 23.8

Manual Integrations
APPROVED

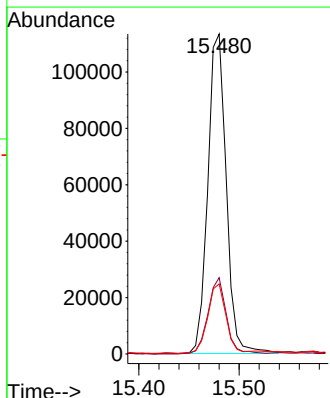
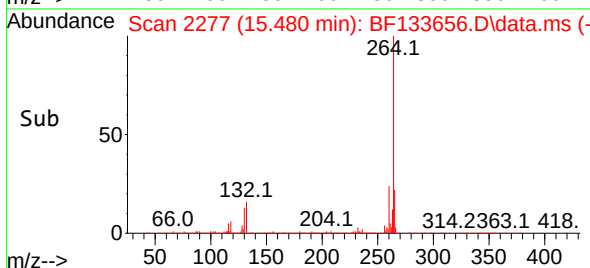
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

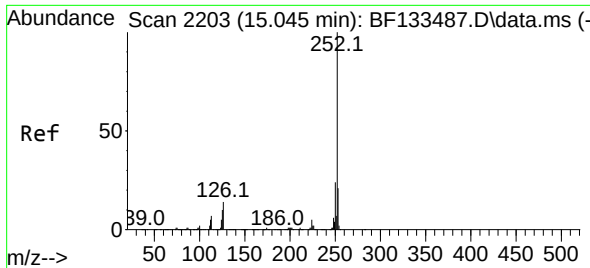


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58



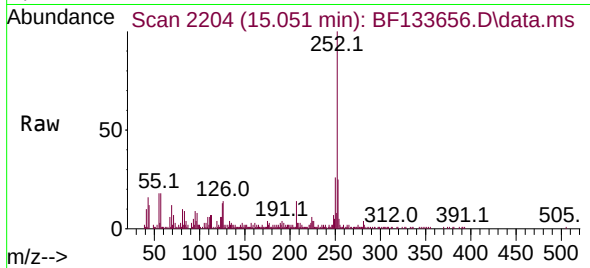
Tgt Ion:264 Resp: 145040
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.9 16.8 25.2





#88
Benzo(b)fluoranthene
Concen: 3.588 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58

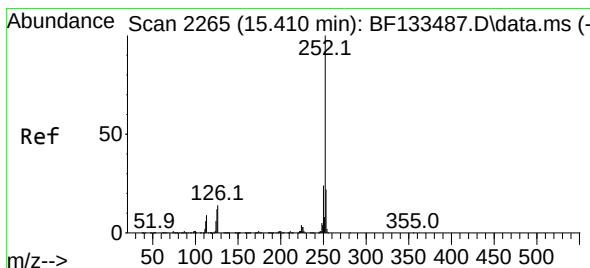
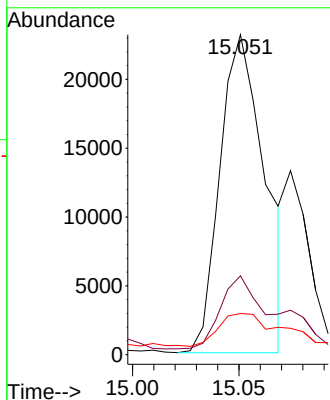
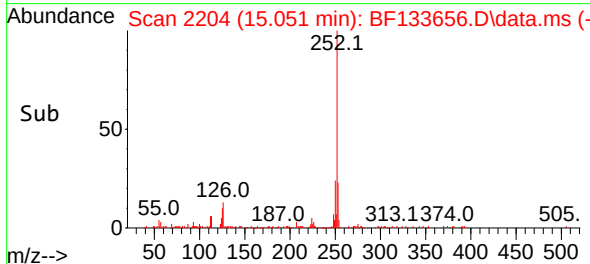
Instrument :
BNA_F
ClientSampleId :
WC32



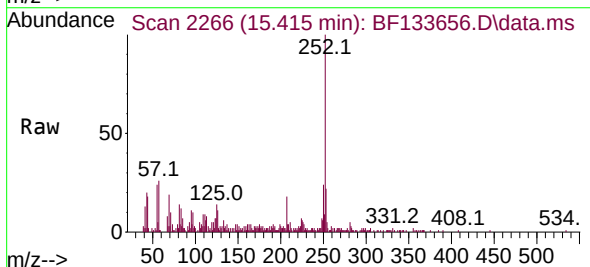
Tgt Ion:252 Resp: 3388
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 12.8 8.1 12.1

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.624 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF133656.D
Acq: 08 Jun 2023 23:58



Tgt Ion:252 Resp: 22551
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 13.8 9.4 14.0

