

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126052.D
 Acq On : 4 Nov 2021 18:35
 Operator : JU/CG
 Sample : M4500-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-4-110321

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 09:50:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	139084	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	437382	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	214402	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	368671	20.000	ng	0.00
76) Chrysene-d12	14.010	240	346701	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	262505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	324838	40.108	ng	0.00
7) Phenol-d6	6.469	99	395098	34.606	ng	-0.02
23) Nitrobenzene-d5	7.410	82	282087	30.416	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	91162	37.102	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	459742	28.977	ng	0.00
79) Terphenyl-d14	12.963	244	478835	22.271	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	72951	3.277	ng	97
78) Pyrene	12.816	202	73318	2.637	ng	95
81) Benzo(a)anthracene	13.998	228	50161	2.106	ng	# 88
83) Chrysene	14.033	228	47413	2.139	ng	# 87
88) Benzo(b)fluoranthene	15.051	252	68200m	3.994	ng	
90) Benzo(a)pyrene	15.410	252	36446	2.709	ng	94

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

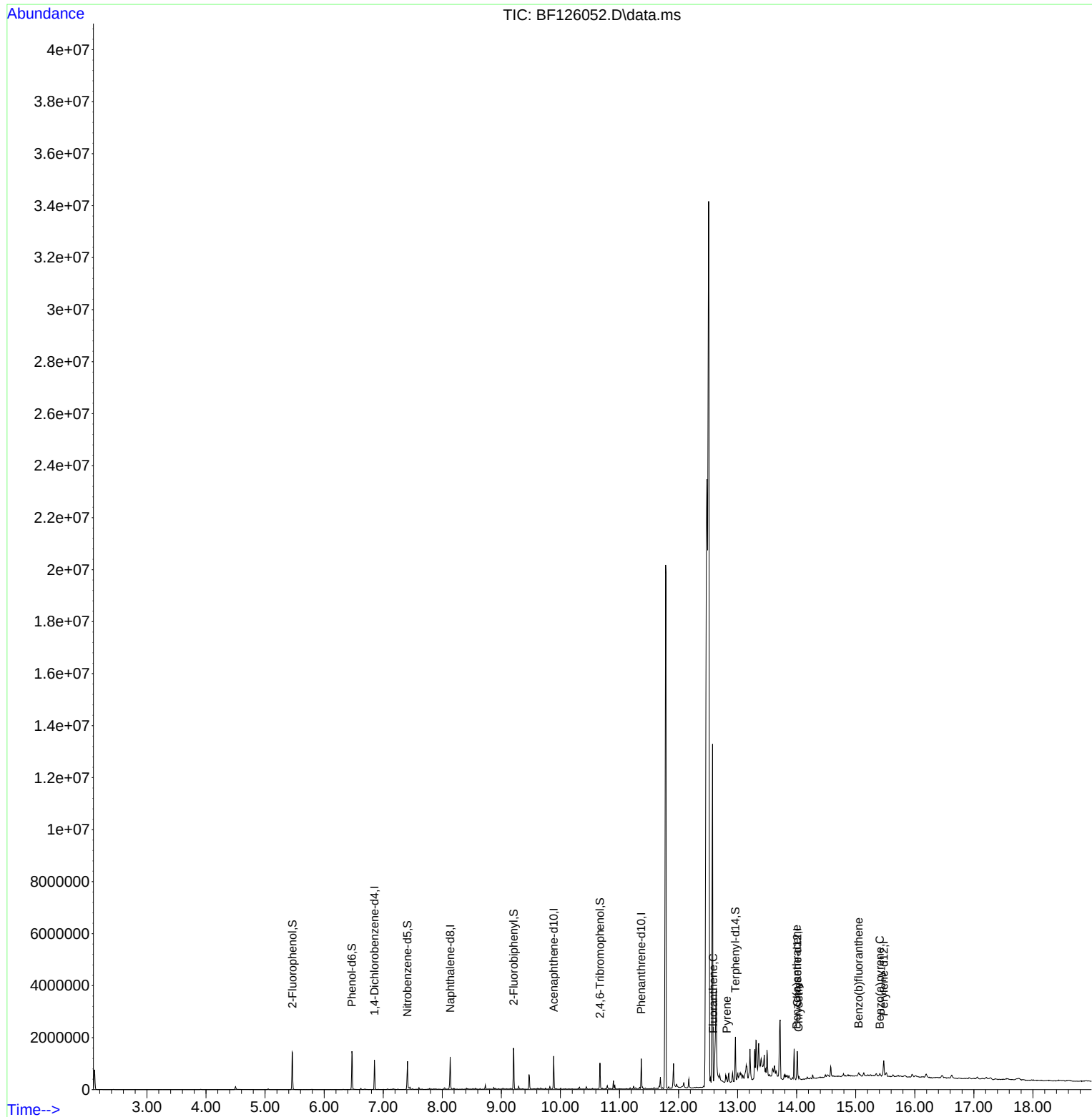
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126052.D
Acq On : 4 Nov 2021 18:35
Operator : JU/CG
Sample : M4500-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

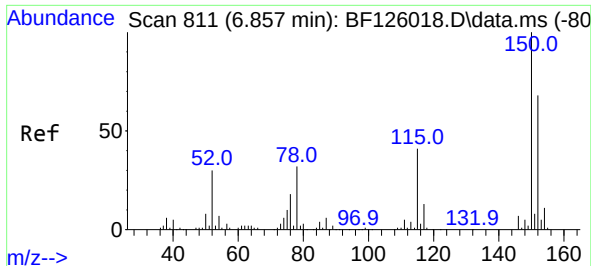
Instrument :
BNA_F
ClientSampleId :
TR-4-110321

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 09:50:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration





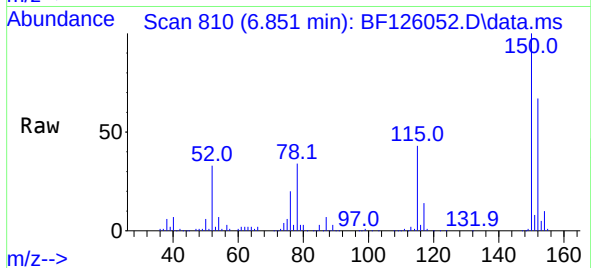
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Instrument :

BNA_F

ClientSampleId :

TR-4-110321

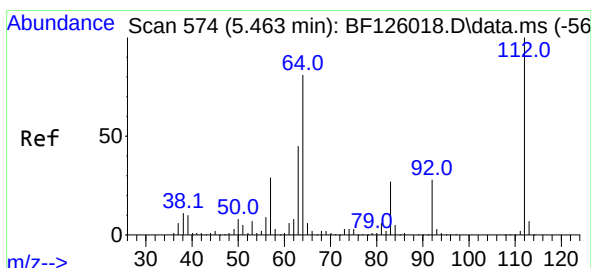
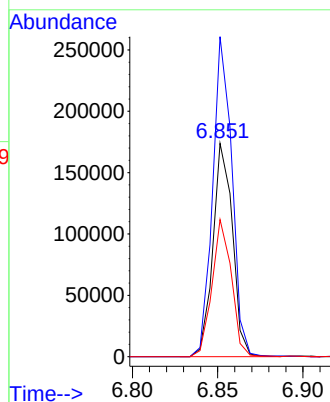
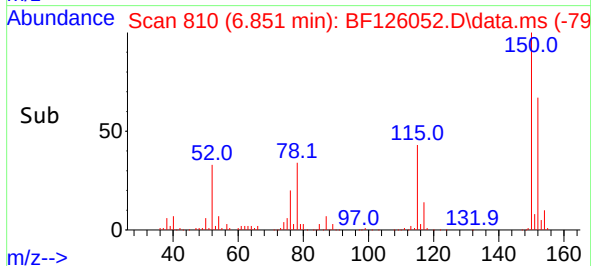


Tgt Ion:152 Resp: 139084
Ion Ratio Lower Upper
152 100
150 150.0 117.6 176.4
115 64.3 47.1 70.7

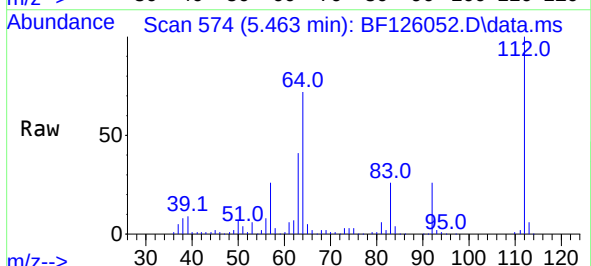
Manual Integrations

APPROVED

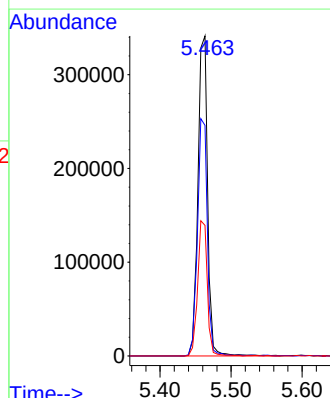
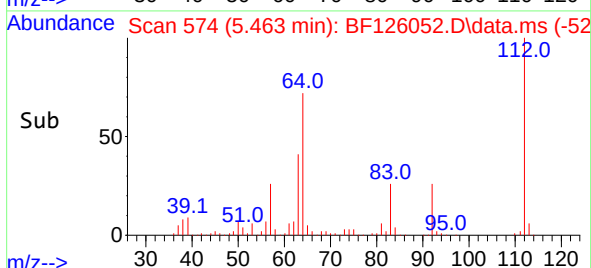
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

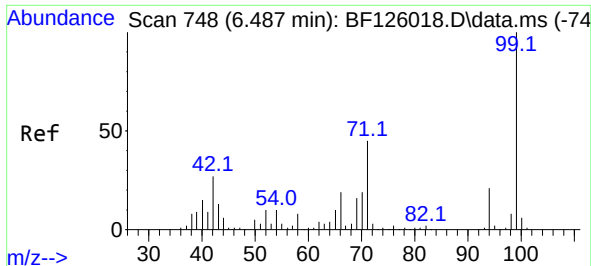


#5
2-Fluorophenol
Concen: 40.108 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35



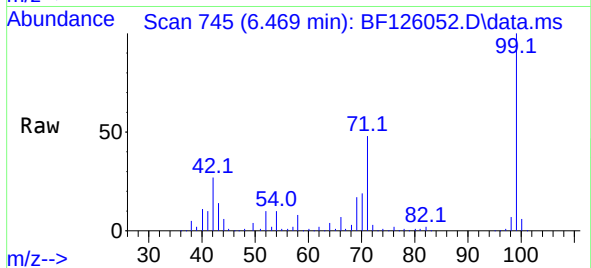
Tgt Ion:112 Resp: 324838
Ion Ratio Lower Upper
112 100
64 72.0 44.2 66.2#
63 40.8 26.2 39.2#





#7
Phenol-d6
Concen: 34.606 ng
RT: 6.469 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

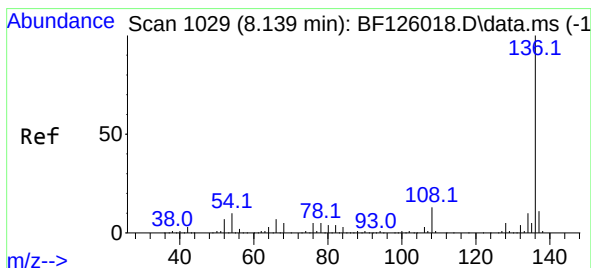
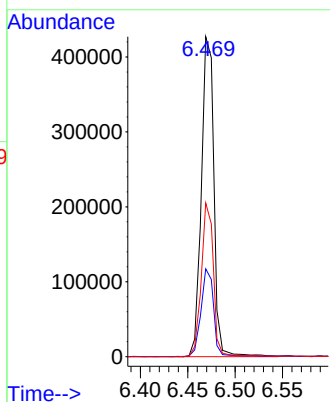
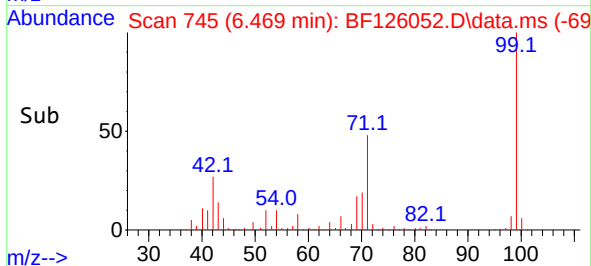
Instrument :
BNA_F
ClientSampleId :
TR-4-110321



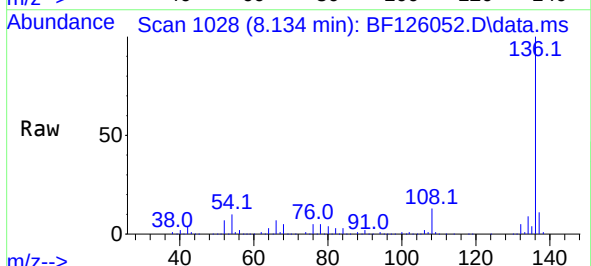
Tgt Ion: 99 Resp: 395098
Ion Ratio Lower Upper
99 100
42 27.5 23.5 35.3
71 48.1 25.6 38.4

Manual Integrations
APPROVED

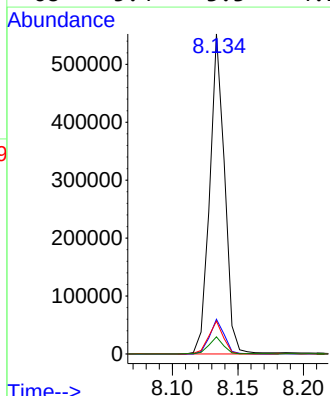
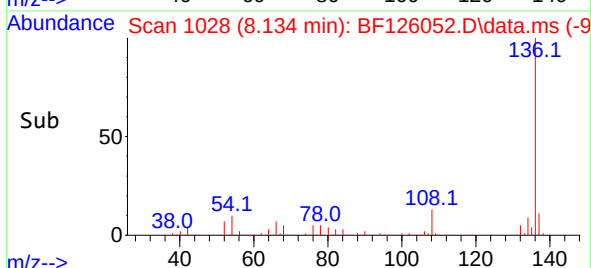
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

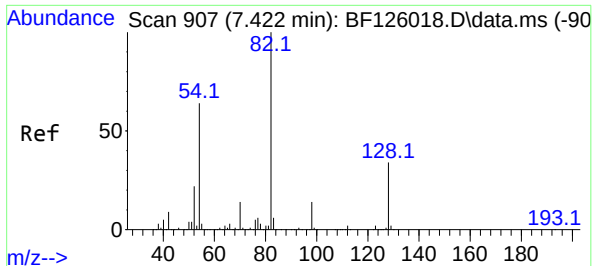


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35



Tgt Ion:136 Resp: 437382
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.3 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 30.416 ng

RT: 7.410 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF126052.D

Acq: 4 Nov 2021 18:35

Instrument :

BNA_F

ClientSampleId :

TR-4-110321

Tgt Ion: 82 Resp: 28208

Ion Ratio Lower Upper

82 100

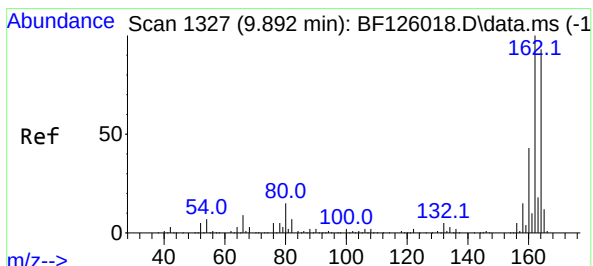
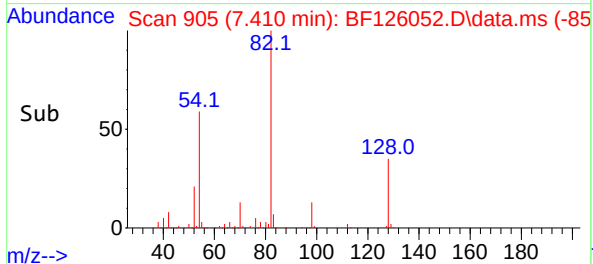
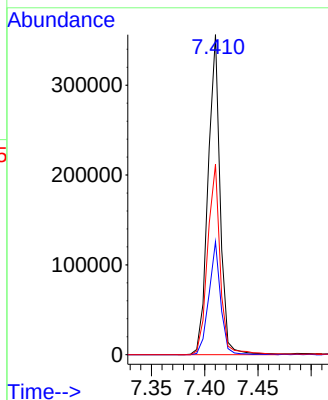
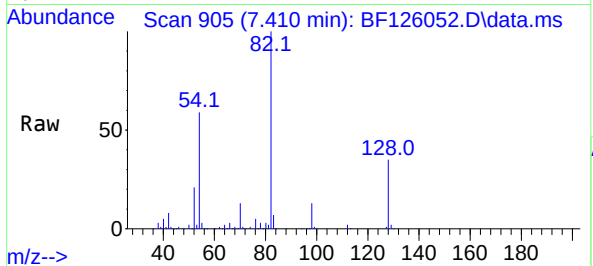
128 35.3 40.6 60.8

54 59.5 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF126052.D

Acq: 4 Nov 2021 18:35

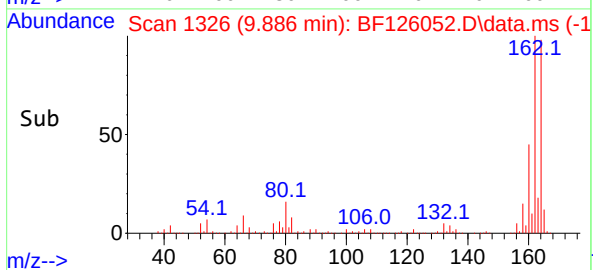
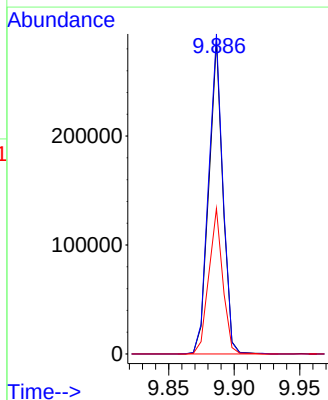
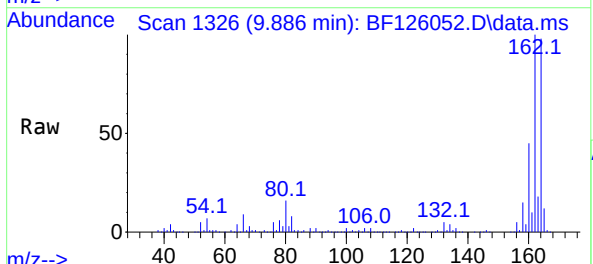
Tgt Ion:164 Resp: 214402

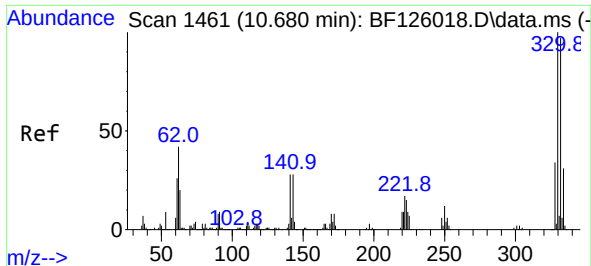
Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 46.4 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 37.102 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Instrument :

BNA_F

ClientSampleId :

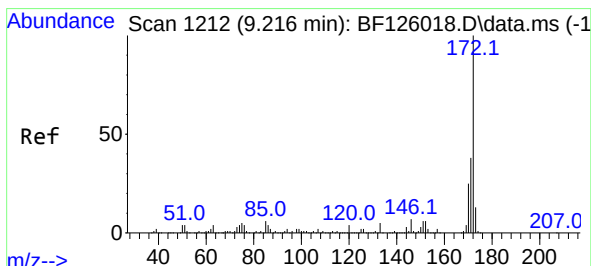
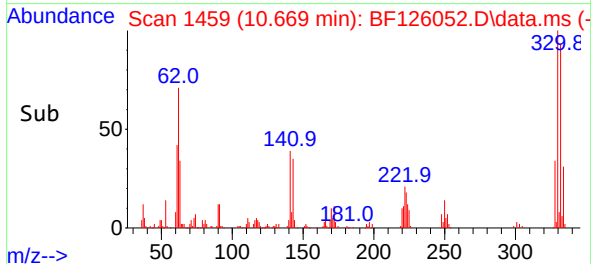
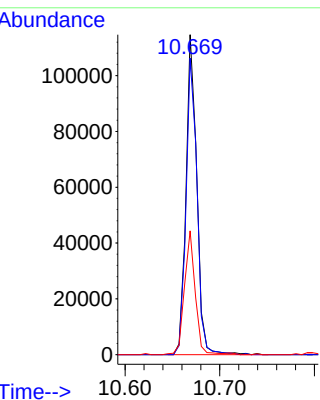
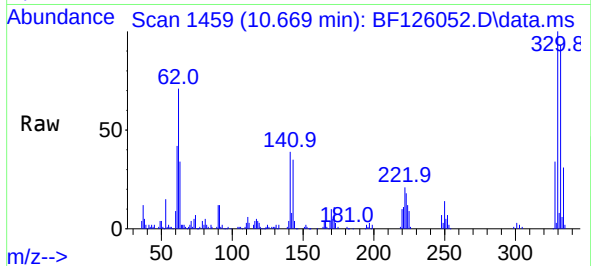
TR-4-110321

Tgt Ion:330 Resp: 91162
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 38.9 44.6 66.8

Manual Integrations

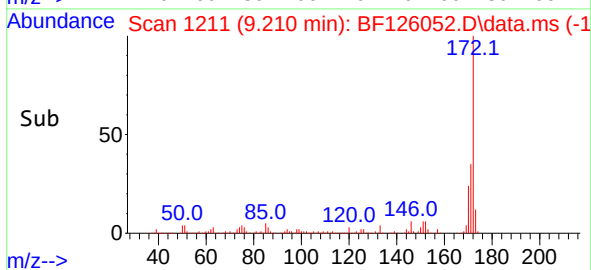
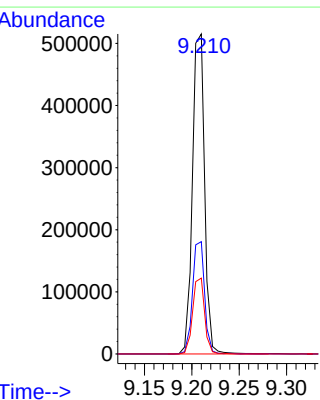
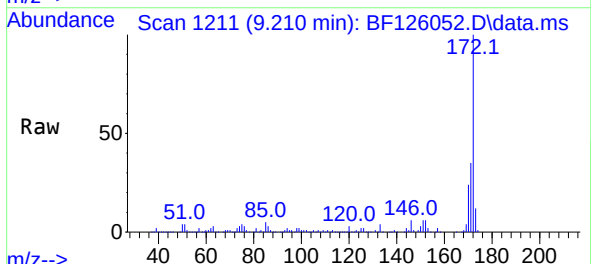
APPROVED

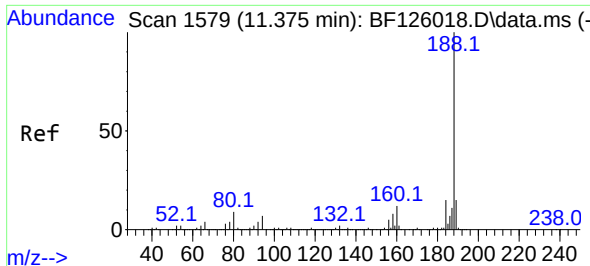
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#45
2-Fluorobiphenyl
Concen: 28.977 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Tgt Ion:172 Resp: 459742
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Instrument :

BNA_F

ClientSampleId :

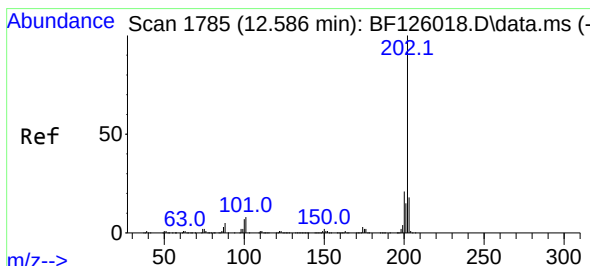
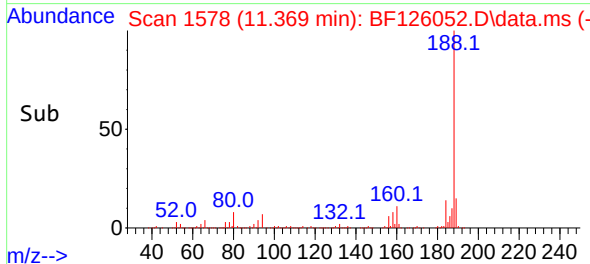
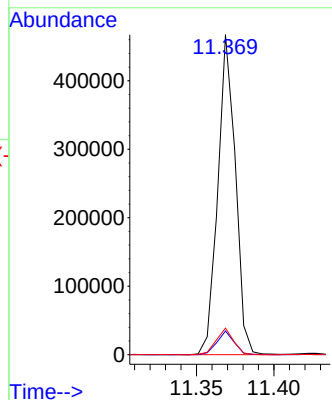
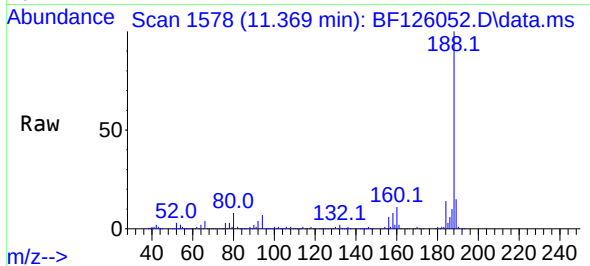
TR-4-110321

Tgt Ion:188 Resp: 36867
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.3 7.5 11.3

Manual Integrations

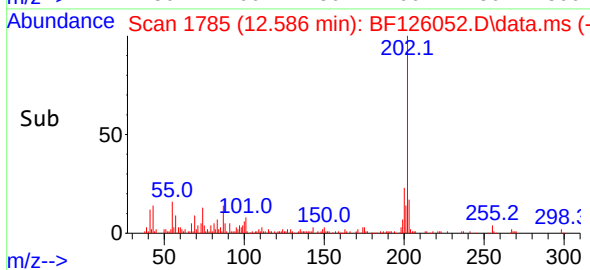
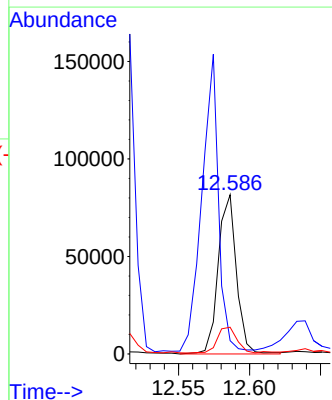
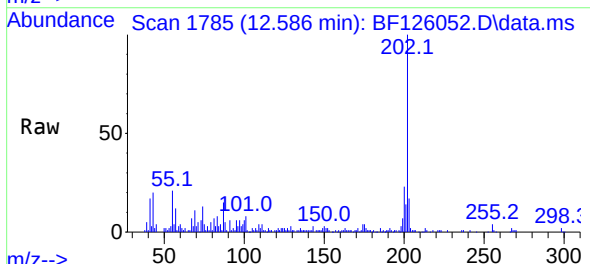
APPROVED

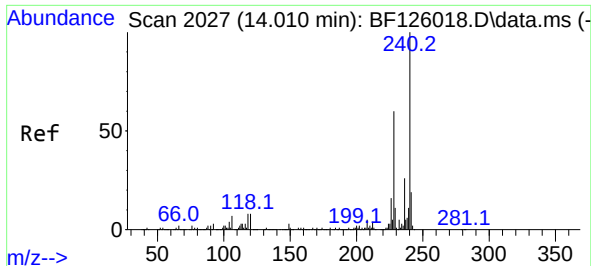
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#75
Fluoranthene
Concen: 3.277 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Tgt Ion:202 Resp: 72951
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.7
203 16.8 0.0 36.3





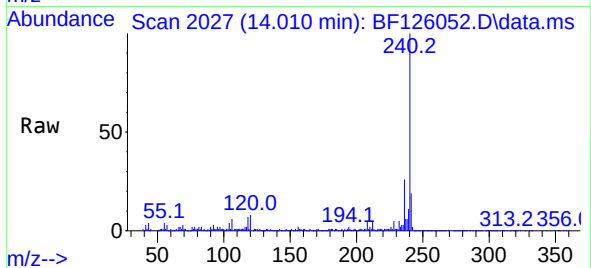
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Instrument :

BNA_F

ClientSampleId :

TR-4-110321

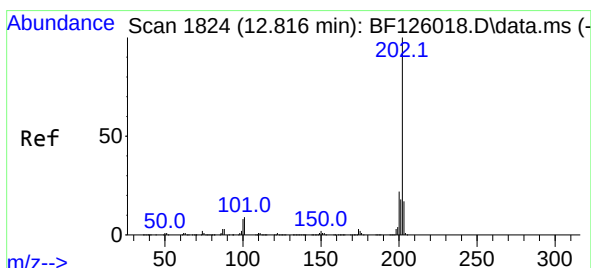
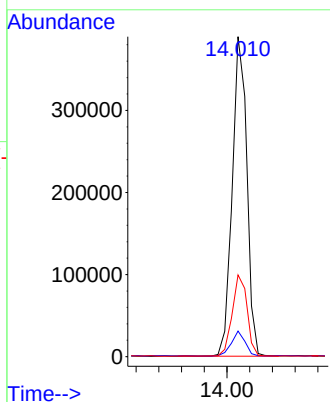
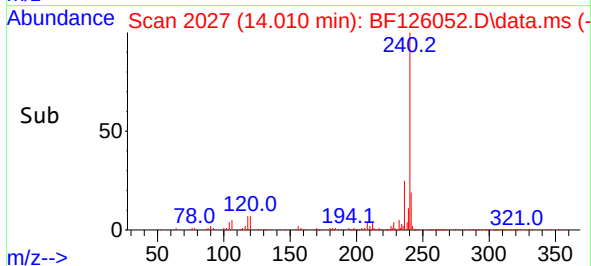


Tgt Ion:240 Resp: 34670
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2
236 25.5 21.6 32.4

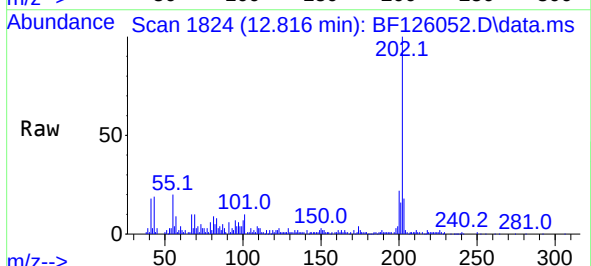
Manual Integrations

APPROVED

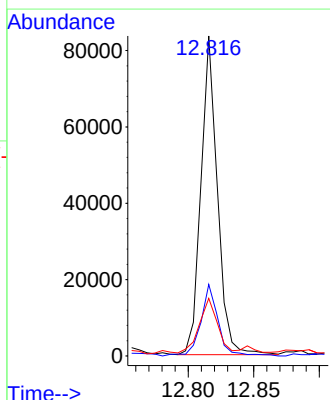
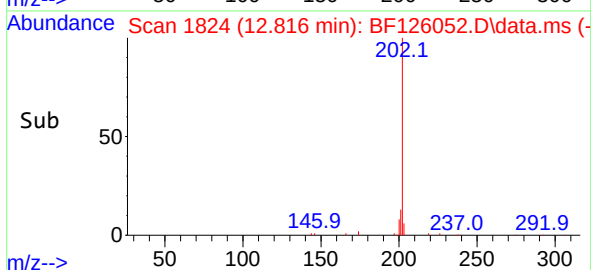
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

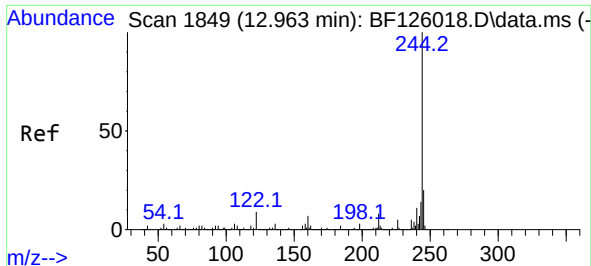


#78
Pyrene
Concen: 2.637 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35



Tgt Ion:202 Resp: 73318
Ion Ratio Lower Upper
202 100
200 22.3 15.3 22.9
203 18.0 13.4 20.0





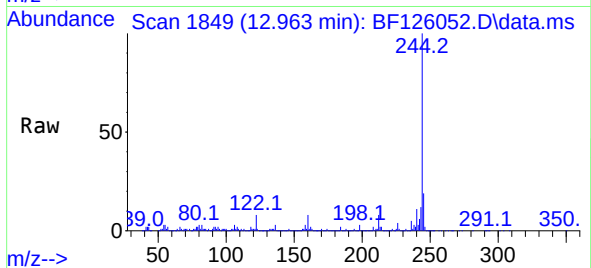
#79
 Terphenyl-d14
 Concen: 22.271 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126052.D
 Acq: 4 Nov 2021 18:35

Instrument :

BNA_F

ClientSampleId :

TR-4-110321

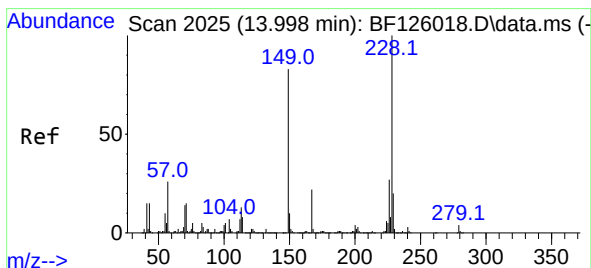
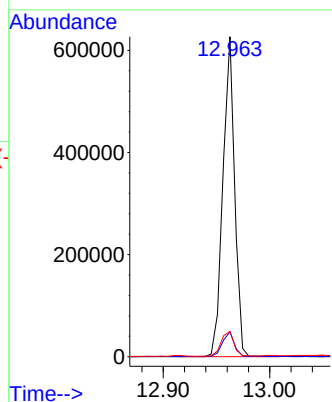
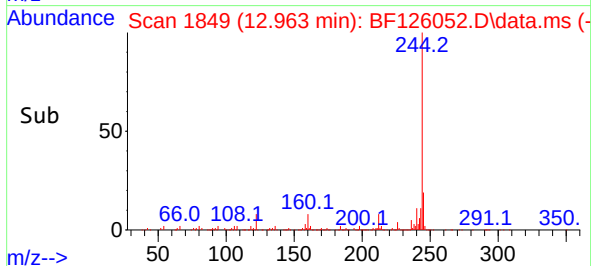


Tgt Ion:244 Resp: 478835
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 7.9 9.0 13.4

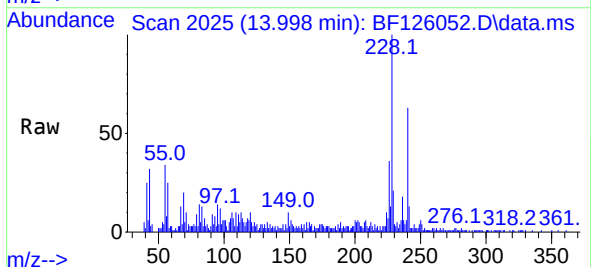
Manual Integrations

APPROVED

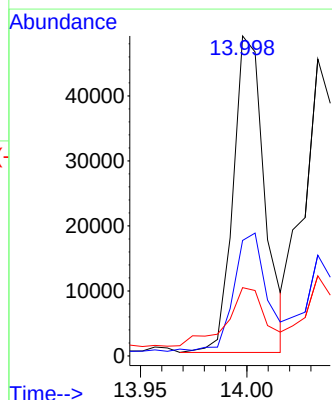
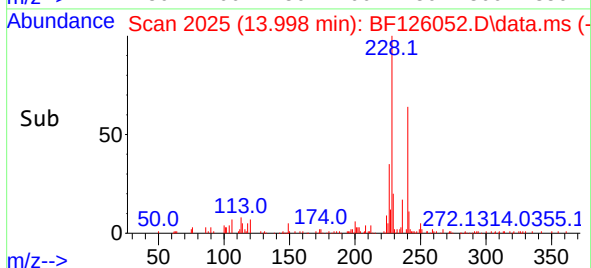
Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

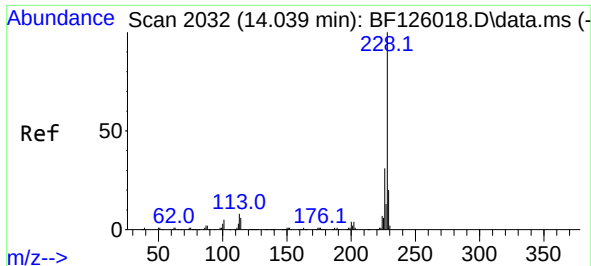


#81
 Benzo(a)anthracene
 Concen: 2.106 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF126052.D
 Acq: 4 Nov 2021 18:35



Tgt Ion:228 Resp: 50161
 Ion Ratio Lower Upper
 228 100
 226 36.1 21.6 32.4
 229 21.3 15.6 23.4





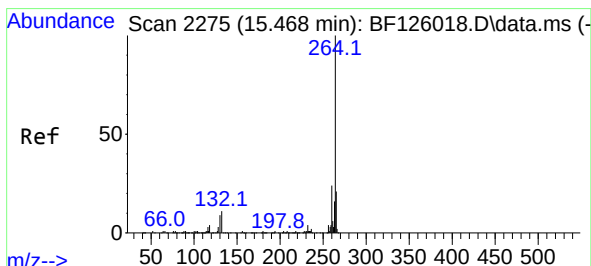
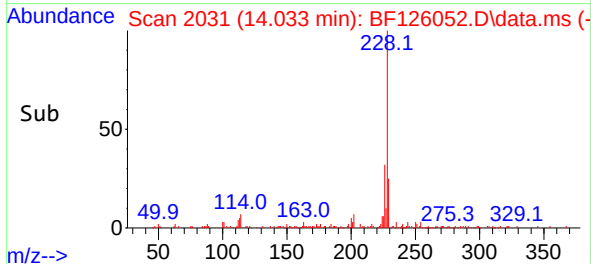
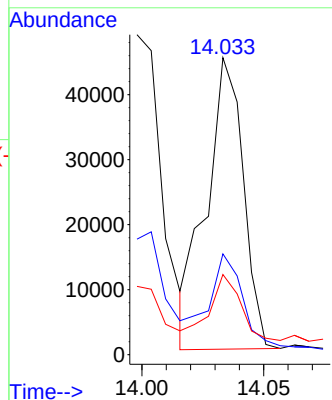
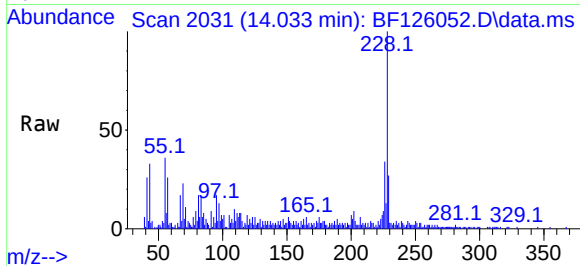
#83
Chrysene
Concen: 2.139 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

Instrument :
BNA_F
ClientSampleId :
TR-4-110321

Tgt Ion:228 Resp: 4741
Ion Ratio Lower Upper
228 100
226 33.9 22.6 34.0
229 27.0 15.9 23.9

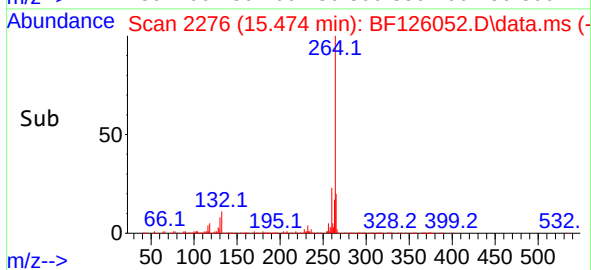
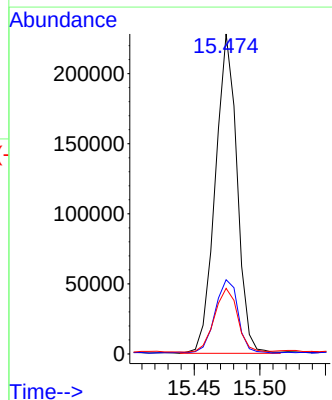
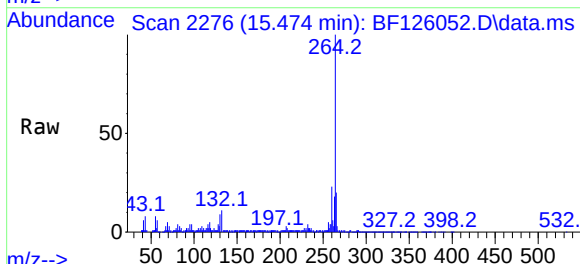
Manual Integrations
APPROVED

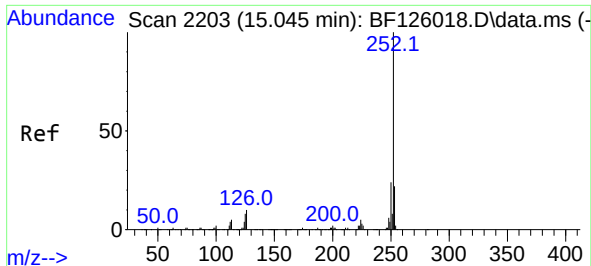
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

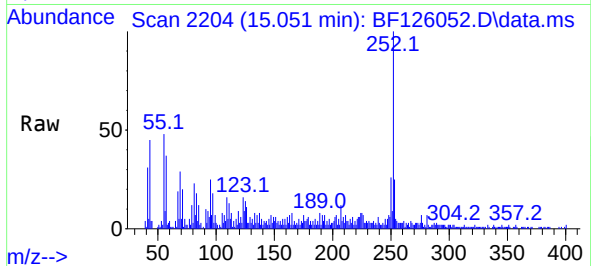
Tgt Ion:264 Resp: 262505
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 20.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.994 ng m
RT: 15.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35

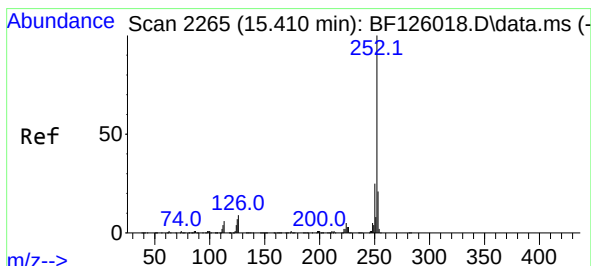
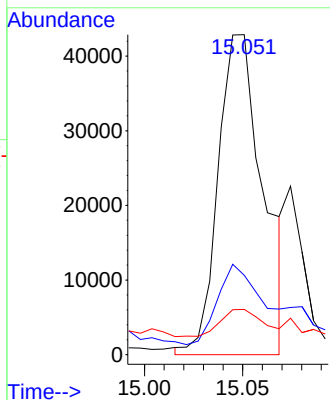
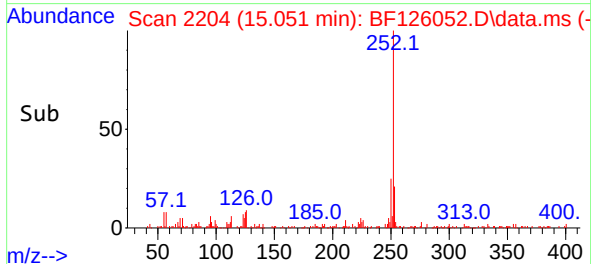
Instrument :
BNA_F
ClientSampleId :
TR-4-110321



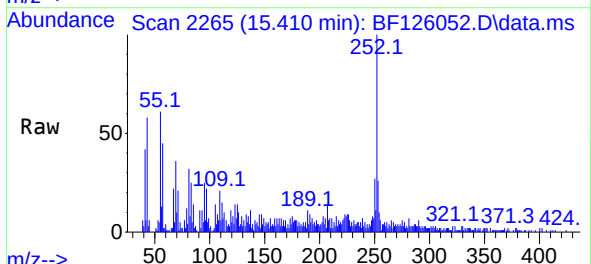
Tgt Ion:252 Resp: 68200
Ion Ratio Lower Upper
252 100
253 24.8 16.8 25.2
125 14.2 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#90
Benzo(a)pyrene
Concen: 2.709 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF126052.D
Acq: 4 Nov 2021 18:35



Tgt Ion:252 Resp: 36446
Ion Ratio Lower Upper
252 100
253 26.1 18.4 27.6
125 14.0 9.9 14.9

