

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128686.D
 Acq On : 03 Jun 2022 18:39
 Operator : CG\JU
 Sample : N3099-03RX
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-FRX

Quant Time: Jun 03 23:42:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	72216	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	248005	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	118030	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	189364	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	167107	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	148447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	47576	10.494	ng	0.01
7) Phenol-d6	6.492	99	115945	20.950	ng	0.00
23) Nitrobenzene-d5	7.387	82	412663	77.470	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	8226	5.899	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	663502	78.746	ng	-0.01
79) Terphenyl-d14	12.939	244	555549	57.768	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.563	202	35477	3.573	ng	97
78) Pyrene	12.792	202	37846	3.044	ng	97
81) Benzo(a)anthracene	13.980	228	26324m	2.527	ng	
88) Benzo(b)fluoranthene	15.027	252	25400m	2.678	ng	
90) Benzo(a)pyrene	15.392	252	21780	2.921	ng	94

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

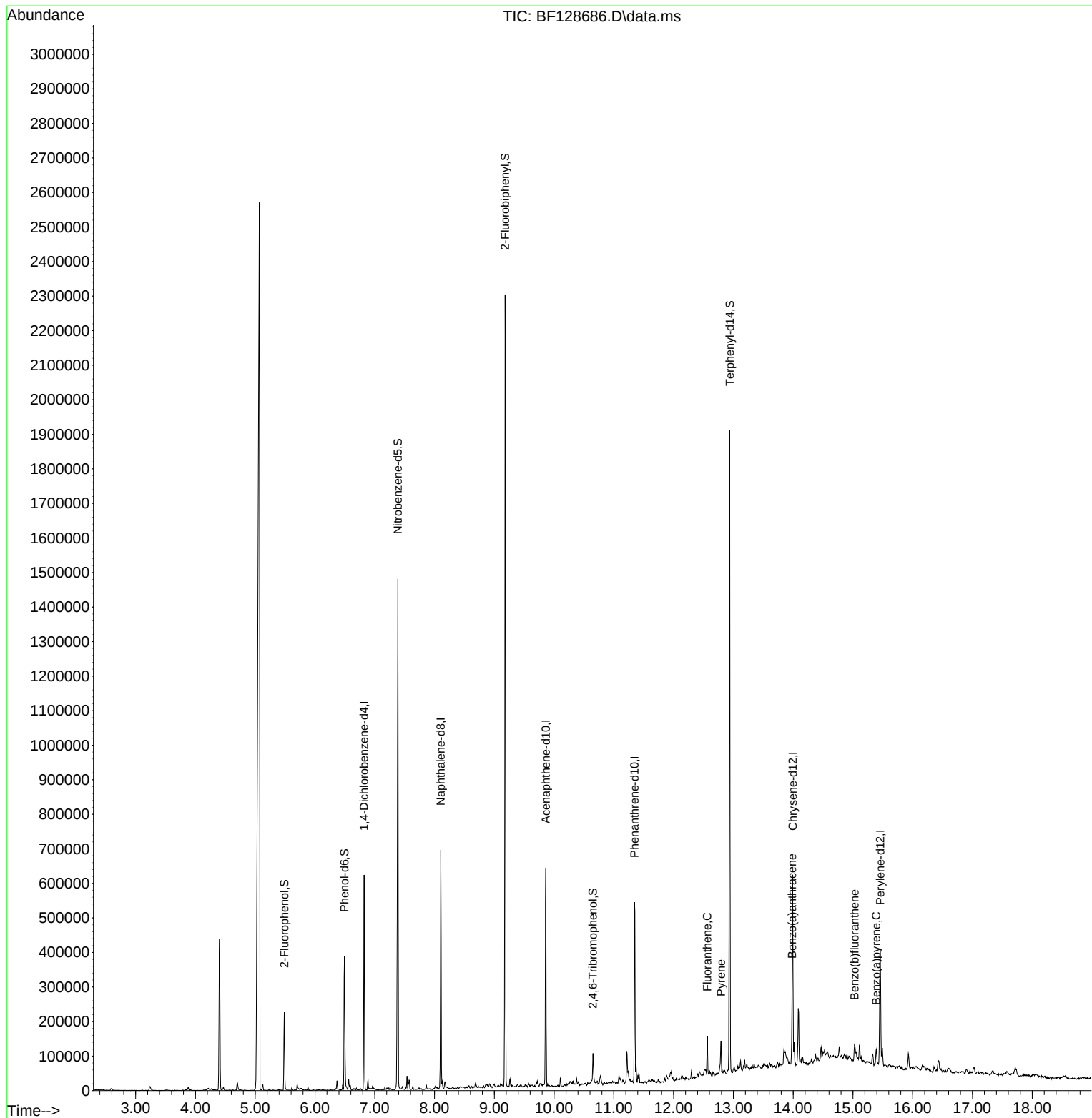
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
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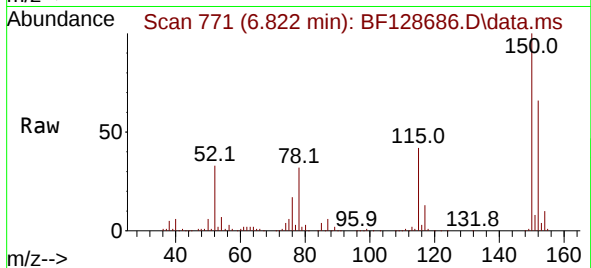
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

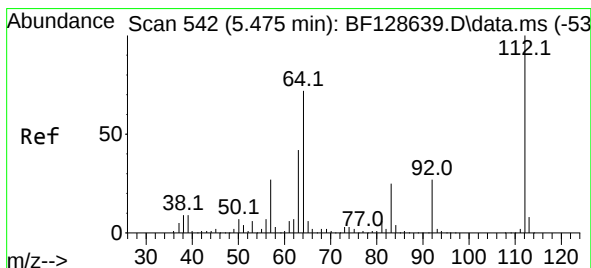
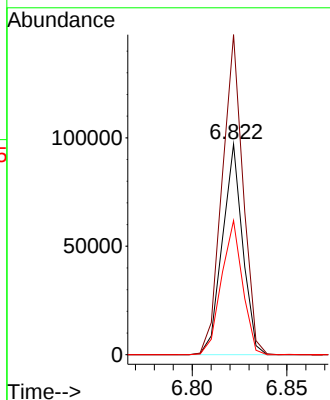
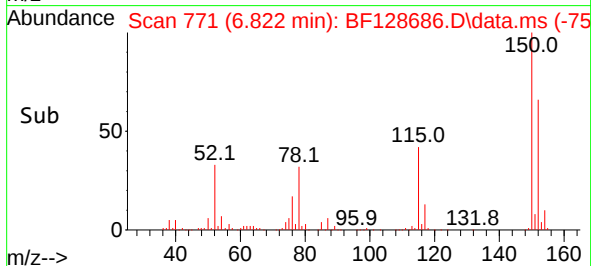
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX



Tgt Ion:152 Resp: 72210
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 63.7 49.9 74.9

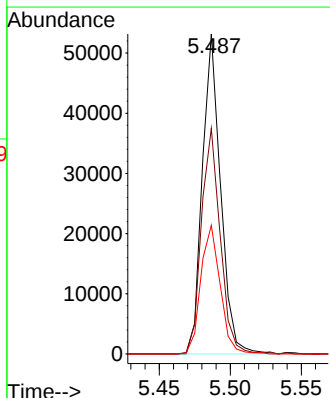
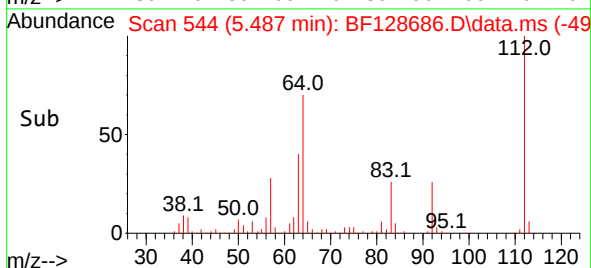
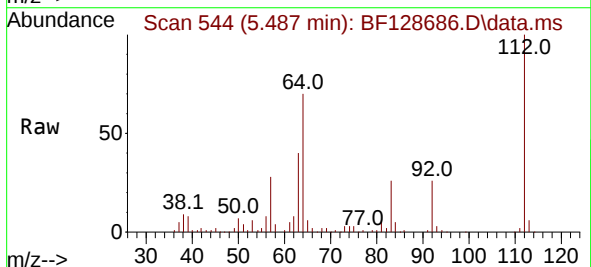
Manual Integrations
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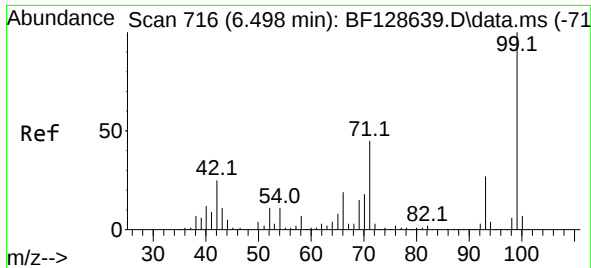
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#5
2-Fluorophenol
Concen: 10.494 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

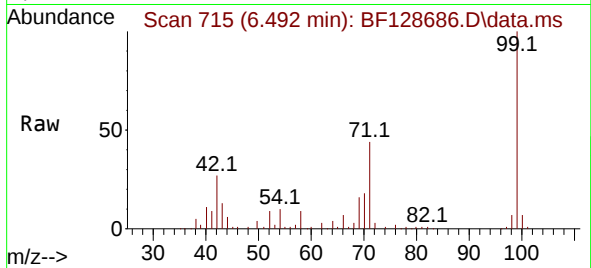
Tgt Ion:112 Resp: 47576
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 40.2 28.0 42.0





#7
Phenol-d6
Concen: 20.950 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

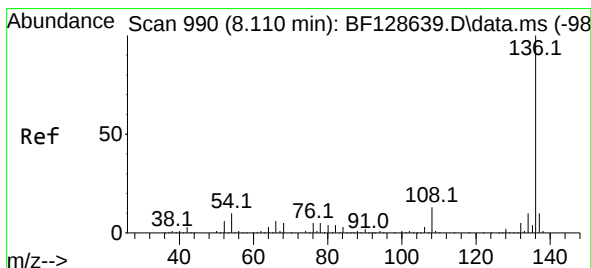
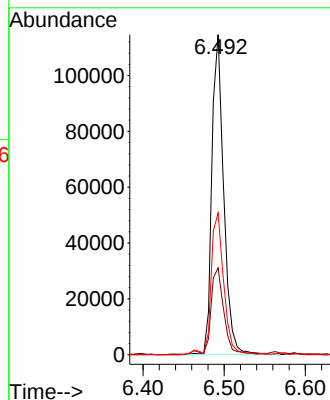
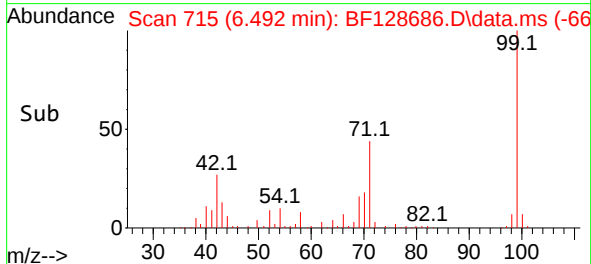
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX



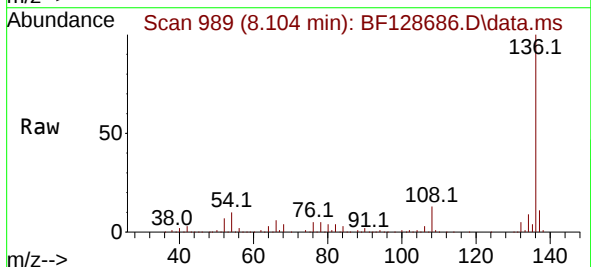
Tgt Ion: 99 Resp: 11594
Ion Ratio Lower Upper
99 100
42 27.1 17.3 25.9
71 44.3 28.9 43.3

Manual Integrations
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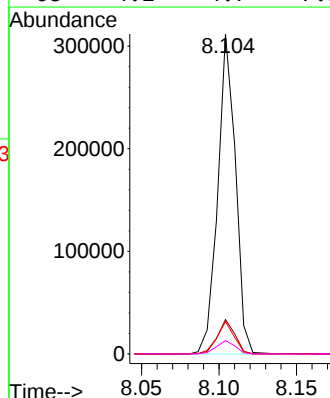
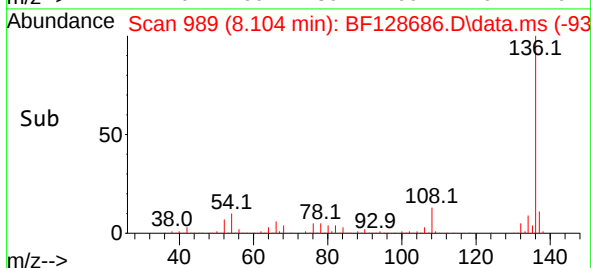
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

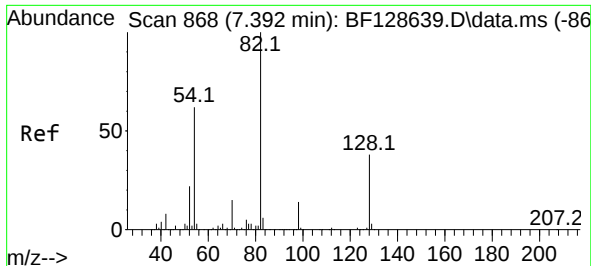


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39



Tgt Ion:136 Resp: 248005
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.1 7.5 11.3
68 4.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 77.470 ng

RT: 7.387 min Scan# 80

Delta R.T. -0.005 min

Lab File: BF128686.D

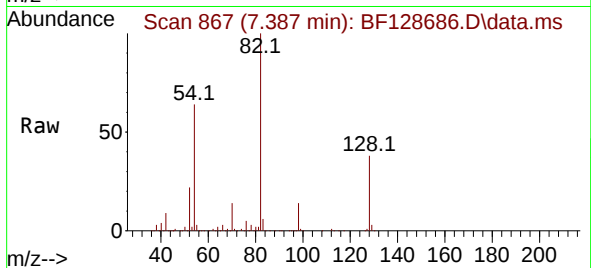
Acq: 03 Jun 2022 18:39

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-FRX



Tgt Ion: 82 Resp: 41266

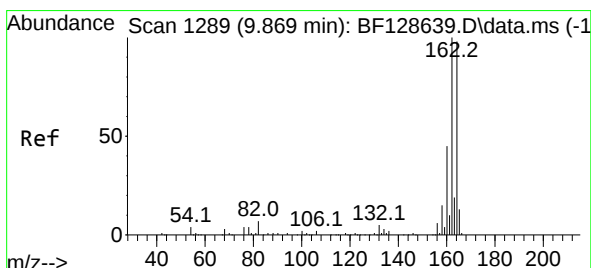
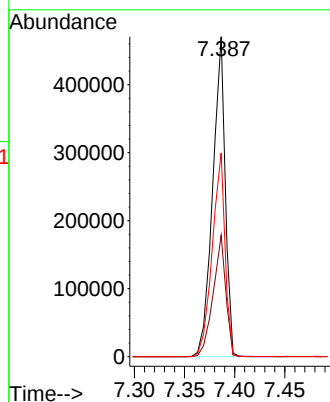
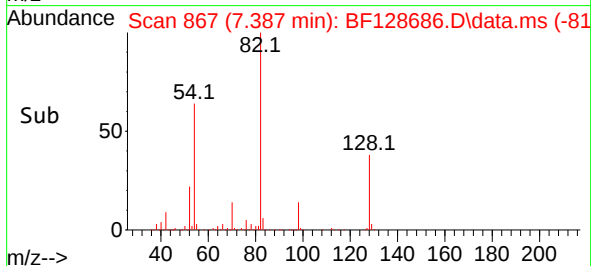
Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.0	51.0
54	63.6	46.9	70.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/06/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

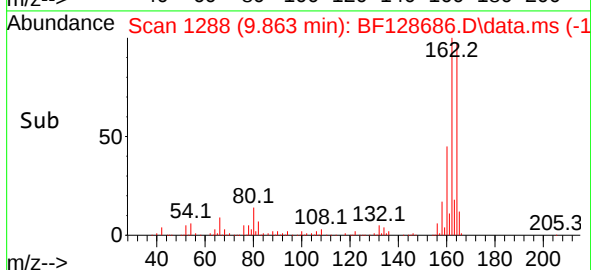
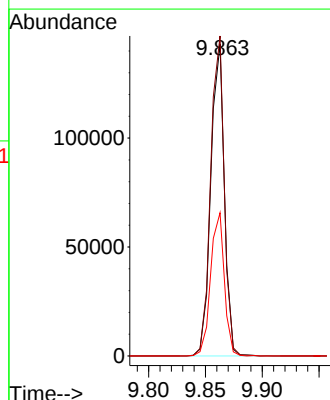
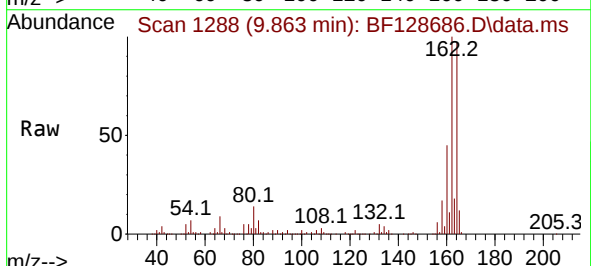
Delta R.T. -0.006 min

Lab File: BF128686.D

Acq: 03 Jun 2022 18:39

Tgt Ion:164 Resp: 118030

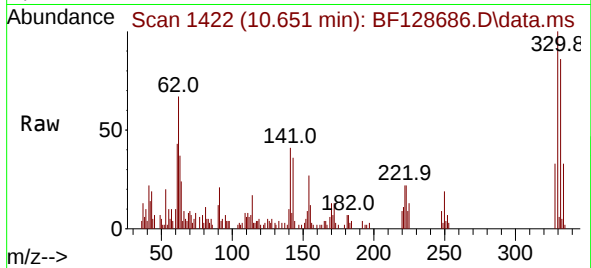
Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.5	119.3
160	45.9	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 5.899 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

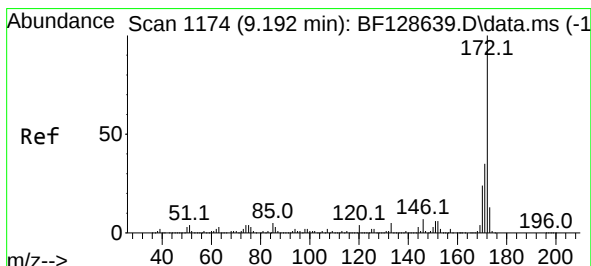
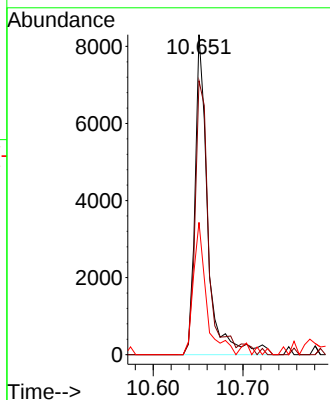
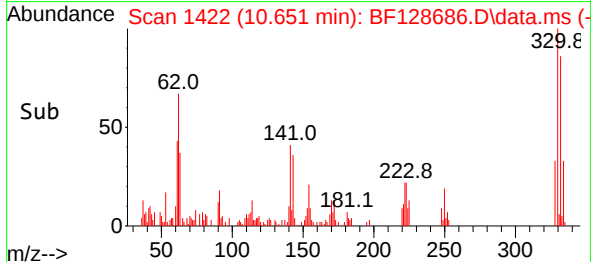
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-FRX



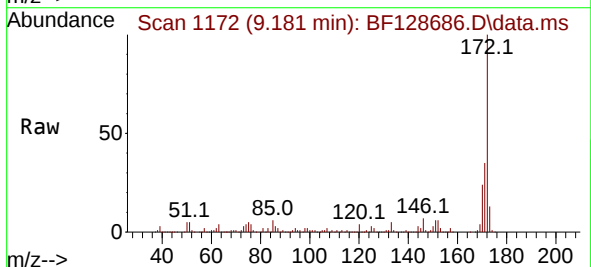
Tgt Ion: 330 Resp: 8220
Ion Ratio Lower Upper
330 100
332 92.5 76.8 115.2
141 41.7 28.0 42.0

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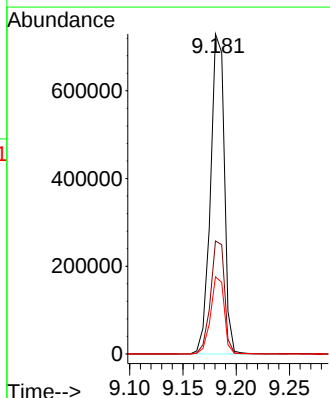
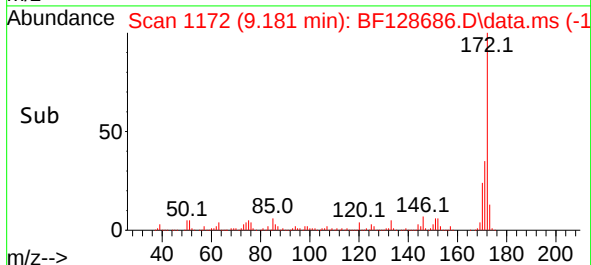
Reviewed By : Christian Giraldo 06/06/2022
Supervised By : Jagrut Upadhyay 06/06/2022



#45
2-Fluorobiphenyl
Concen: 78.746 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39



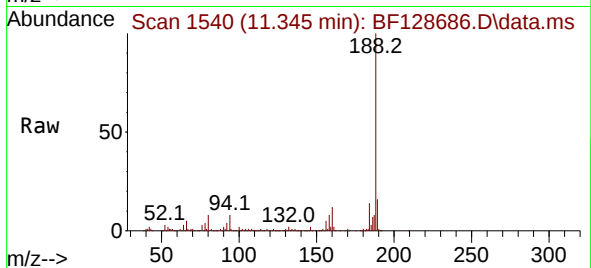
Tgt Ion: 172 Resp: 663502
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

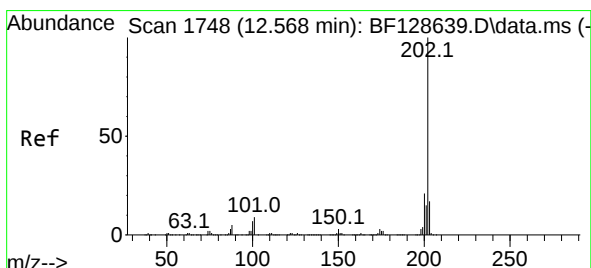
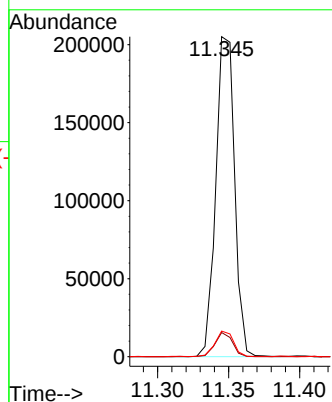
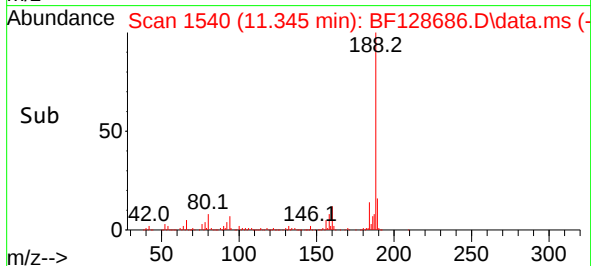
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX



Tgt Ion:188 Resp: 189364
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.0 7.6 11.4

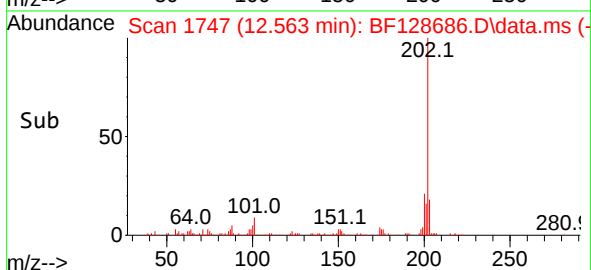
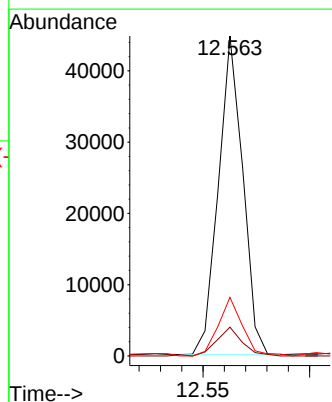
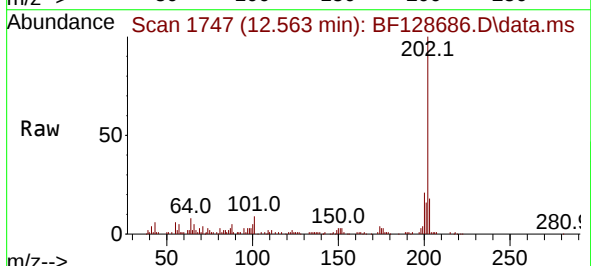
Manual Integrations
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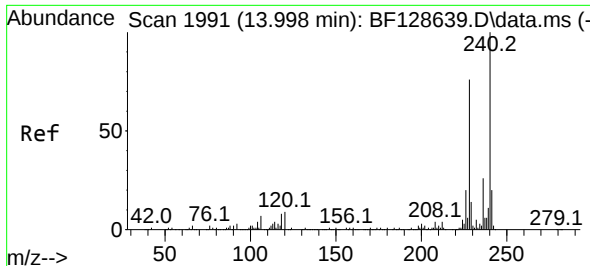
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#75
Fluoranthene
Concen: 3.573 ng
RT: 12.563 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

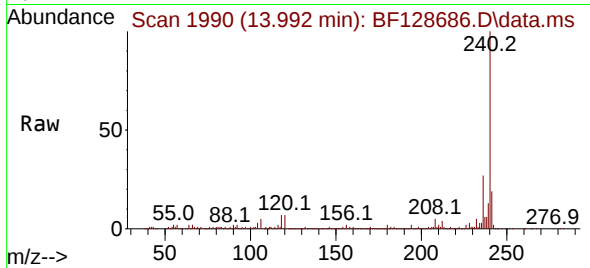
Tgt Ion:202 Resp: 35477
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.4
203 18.3 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

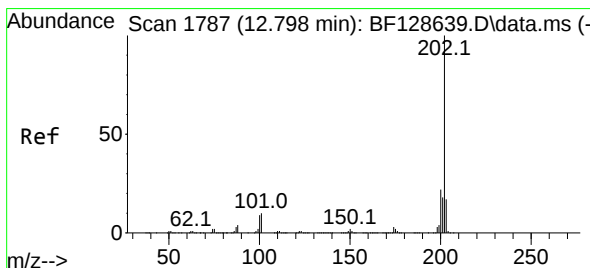
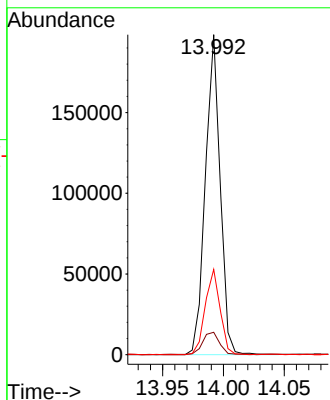
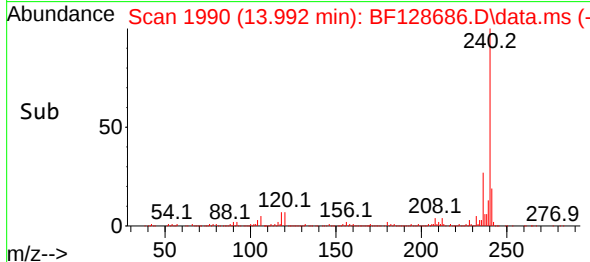
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-FRX



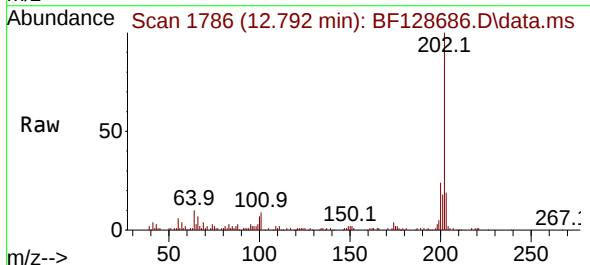
Tgt Ion:240 Resp: 16710
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3
236 26.6 20.8 31.2

Manual Integrations
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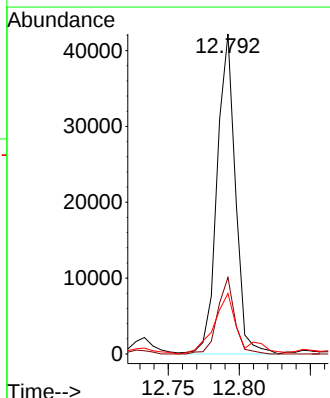
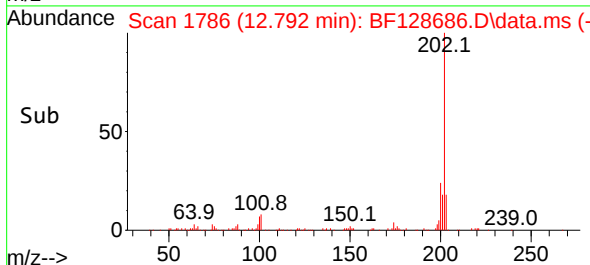
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

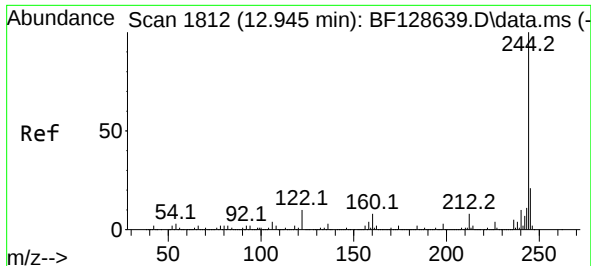


#78
Pyrene
Concen: 3.044 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39



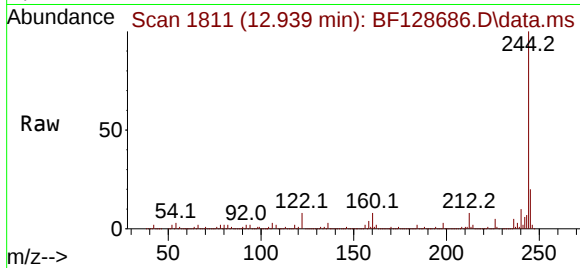
Tgt Ion:202 Resp: 37846
Ion Ratio Lower Upper
202 100
200 23.9 17.7 26.5
203 18.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 57.768 ng
 RT: 12.939 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128686.D
 Acq: 03 Jun 2022 18:39

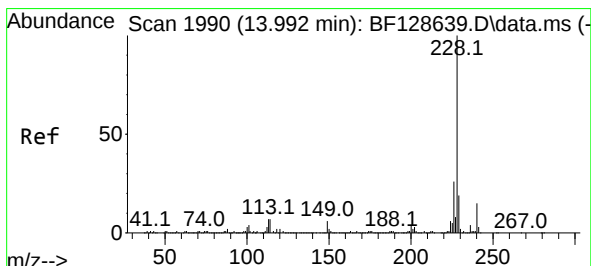
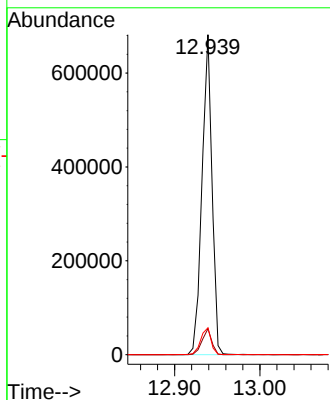
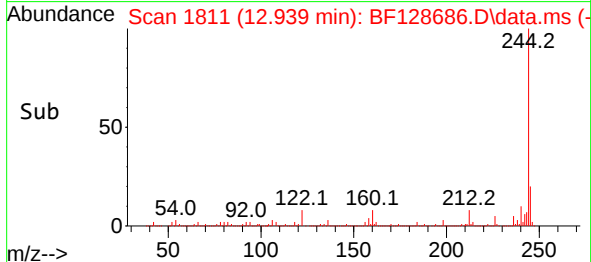
Instrument :
 BNA_F
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-FRX



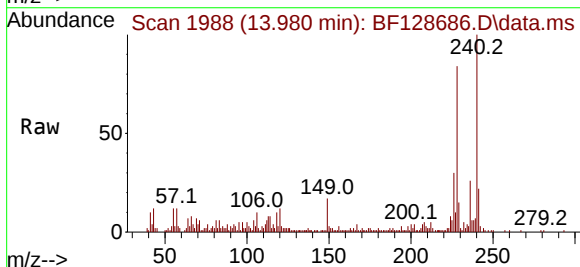
Tgt Ion:244 Resp: 555549
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 8.4 8.8 13.2

Manual Integrations
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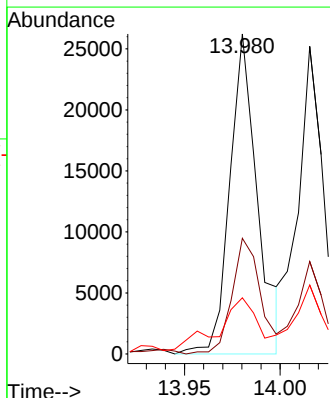
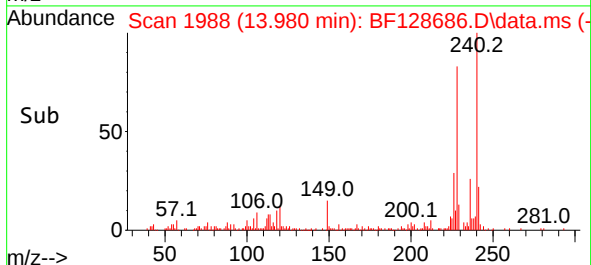
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

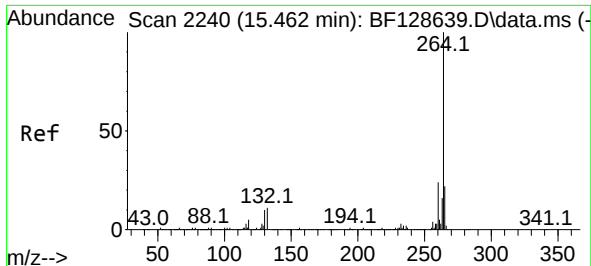


#81
 Benzo(a)anthracene
 Concen: 2.527 ng m
 RT: 13.980 min Scan# 1988
 Delta R.T. -0.012 min
 Lab File: BF128686.D
 Acq: 03 Jun 2022 18:39



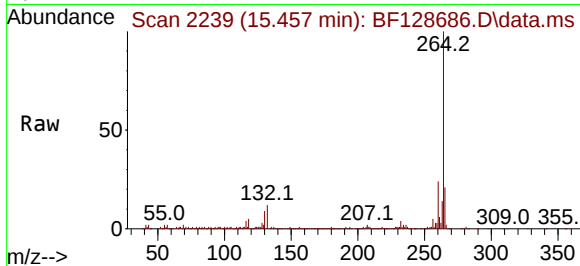
Tgt Ion:228 Resp: 26324
 Ion Ratio Lower Upper
 228 100
 226 36.1 22.1 33.1#
 229 17.6 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

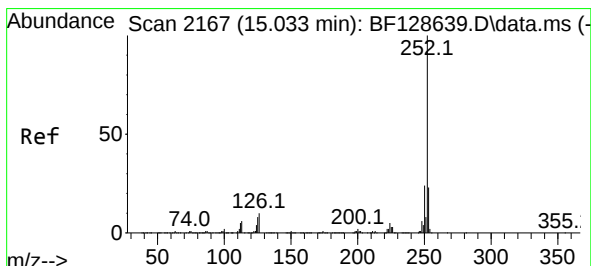
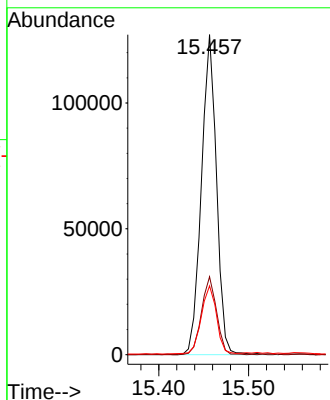
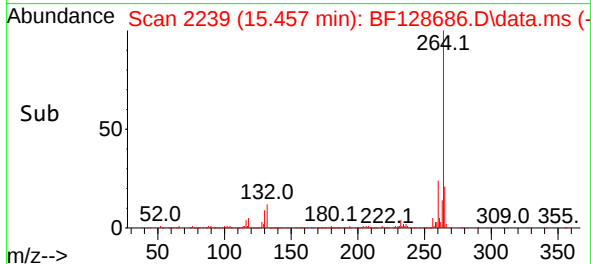
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX



Tgt Ion:264 Resp: 14844
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.5 17.2 25.8

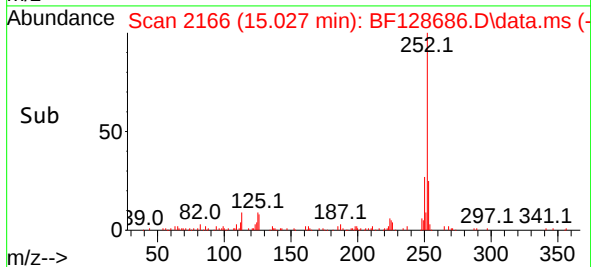
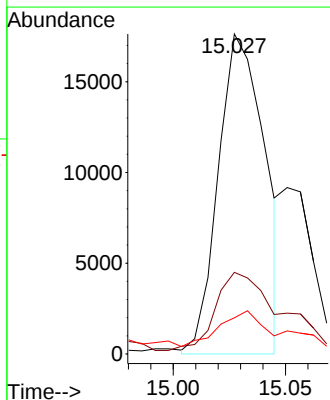
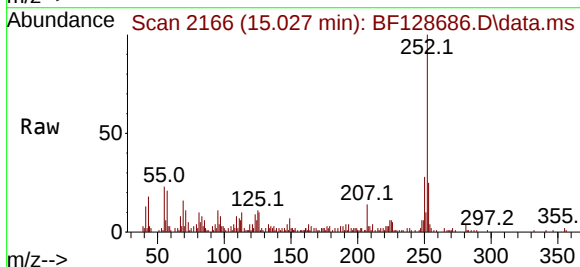
Manual Integrations
APPROVED

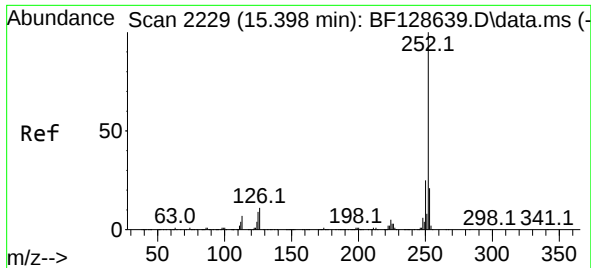
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#88
Benzo(b)fluoranthene
Concen: 2.678 ng m
RT: 15.027 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

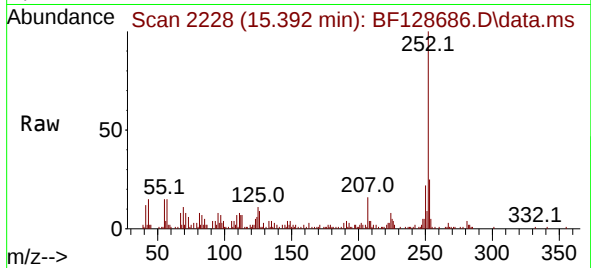
Tgt Ion:252 Resp: 25400
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 11.3 8.0 12.0





#90
 Benzo(a)pyrene
 Concen: 2.921 ng
 RT: 15.392 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128686.D
 Acq: 03 Jun 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-FRX



Tgt Ion:252 Resp: 21780
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.0 25.6
 125 11.4 8.8 13.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

