

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129186.D
 Acq On : 12 Jul 2022 13:30
 Operator : CG\JU
 Sample : N3662-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220495B-SIM/C1B-COMPOSITE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

Quant Time: Jul 12 14:16:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	291048	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1122989	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	517497	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	822433	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	482214	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	404389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1957443	113.704	ng	0.00
7) Phenol-d6	6.563	99	2518209	117.778	ng	0.00
23) Nitrobenzene-d5	7.498	82	1599620	84.962	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	514935	91.511	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2248382	69.506	ng	0.00
79) Terphenyl-d14	13.057	244	1726693	74.359	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.492	178	105124	2.675	ng	97
75) Fluoranthene	12.686	202	175875	4.280	ng	97
78) Pyrene	12.916	202	231468	6.925	ng	98
81) Benzo(a)anthracene	14.104	228	129419	4.396	ng	# 83
83) Chrysene	14.139	228	118382	4.331	ng	# 95
88) Benzo(b)fluoranthene	15.180	252	86217m	3.545	ng	
90) Benzo(a)pyrene	15.562	252	79113	3.990	ng	# 91

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

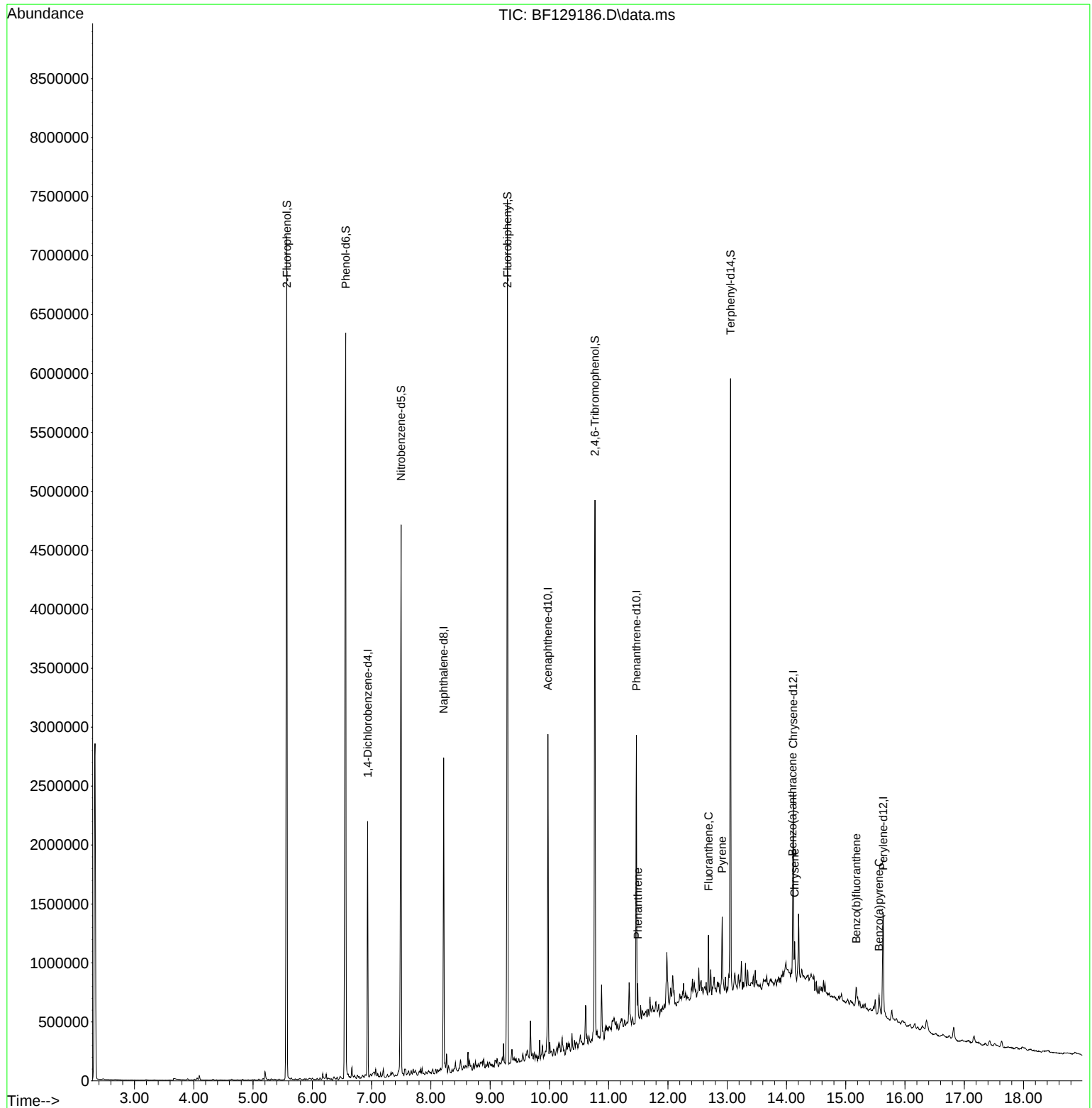
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129186.D
Acq On : 12 Jul 2022 13:30
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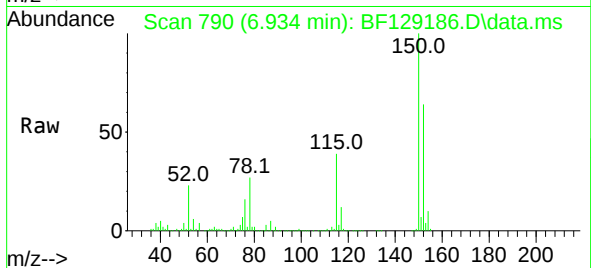
Reviewed By : Christian Giraldo 07/13/2022
Supervised By : Jagrut Upadhyay 07/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

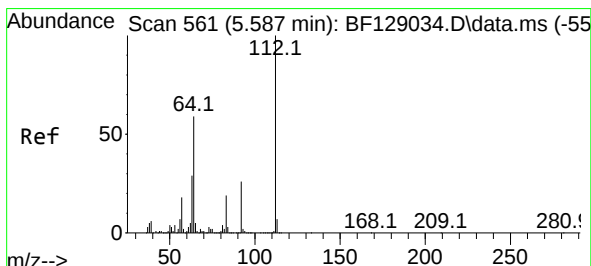
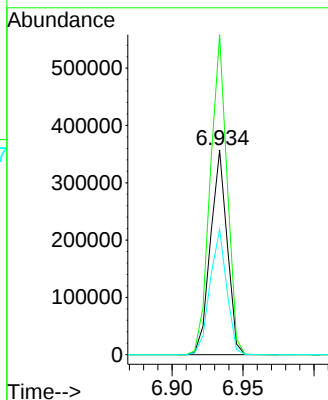
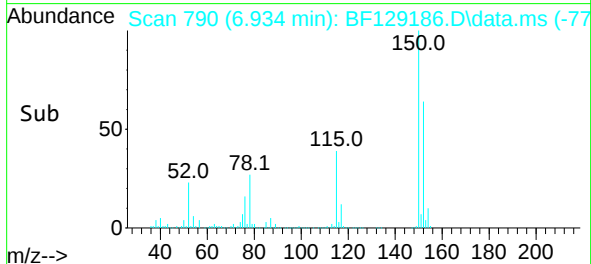
Instrument : BNA_F
ClientSampleId : 20220495B-SIM/C1B-COMPOSITE



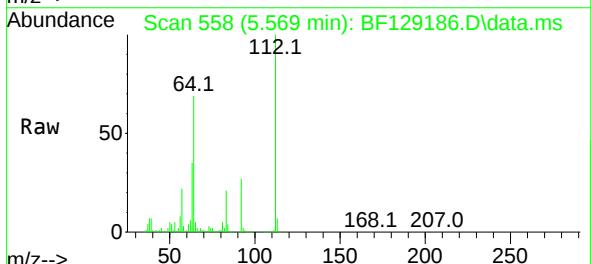
Tgt Ion:152 Resp: 291048
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 61.3 49.9 74.9

Manual Integrations
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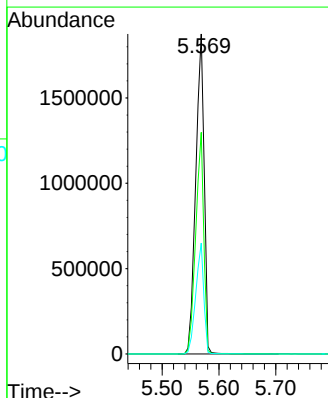
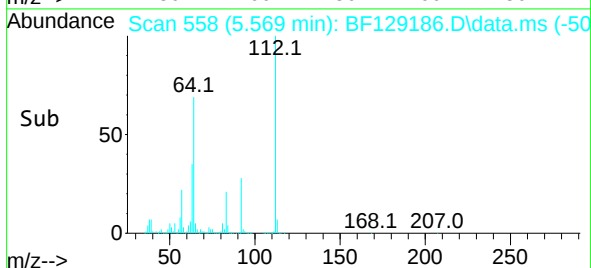
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#5
2-Fluorophenol
Concen: 113.704 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30



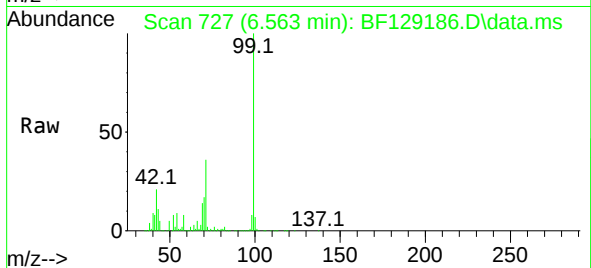
Tgt Ion:112 Resp: 1957443
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 34.7 28.0 42.0





#7
Phenol-d6
Concen: 117.778 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

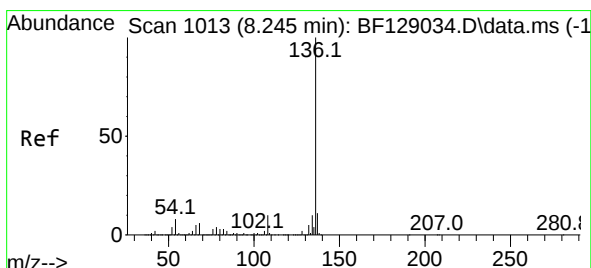
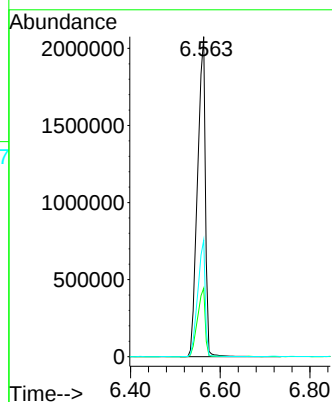
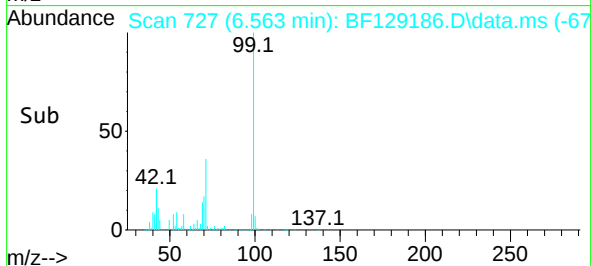
Instrument :
BNA_F
ClientSampleId :
20220495B-SIM/C1B-COMPOSITE



Tgt Ion: 99 Resp: 2518209
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 36.5 28.9 43.3

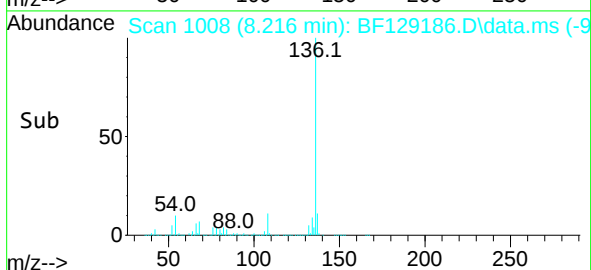
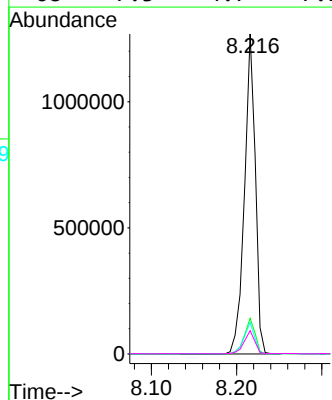
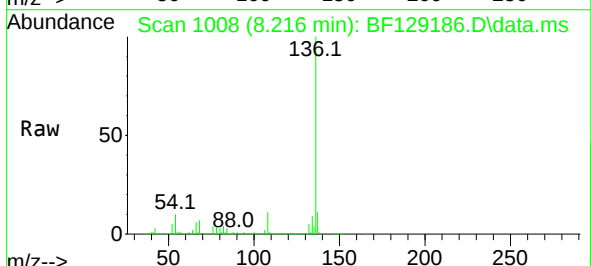
Manual Integrations
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Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

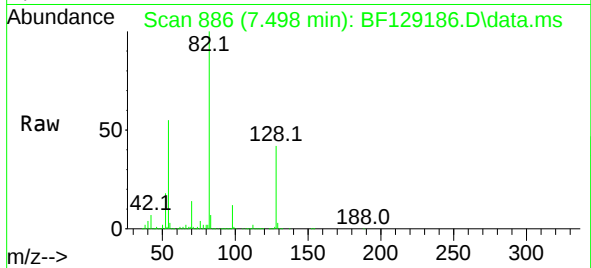
Tgt Ion:136 Resp: 1122989
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.8 7.5 11.3
68 7.3 4.7 7.1#





#23
Nitrobenzene-d5
Concen: 84.962 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

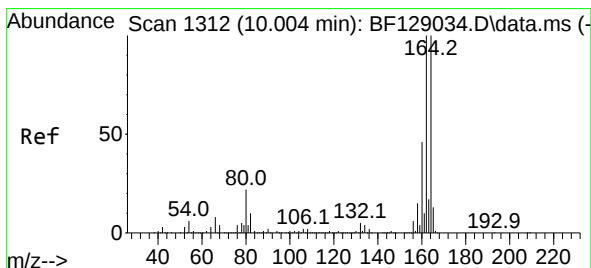
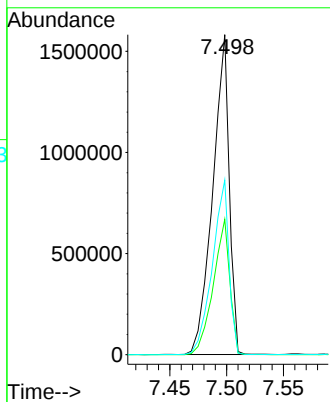
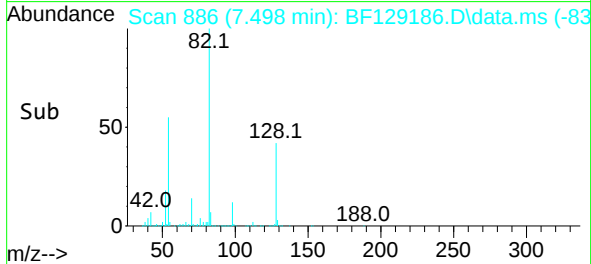
Instrument :
BNA_F
ClientSampleId :
20220495B-SIM/C1B-COMPOSITE



Tgt Ion: 82 Resp: 1599620
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 54.5 46.9 70.3

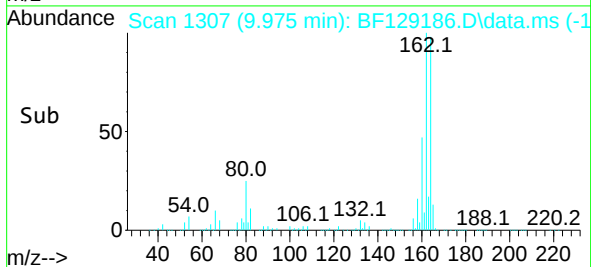
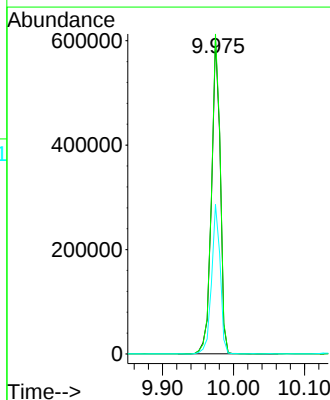
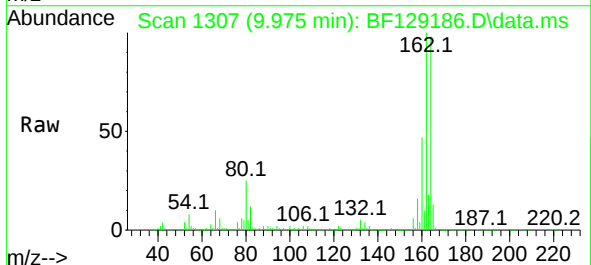
Manual Integrations
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Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

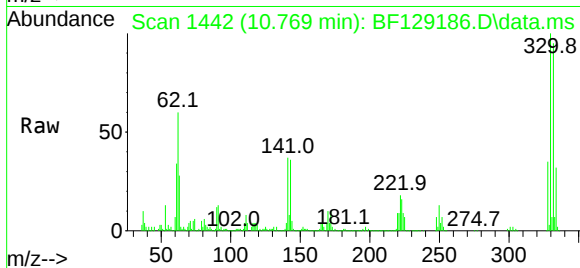
Tgt Ion:164 Resp: 517497
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 47.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 91.511 ng
RT: 10.769 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

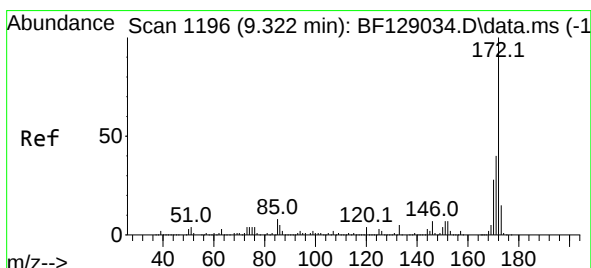
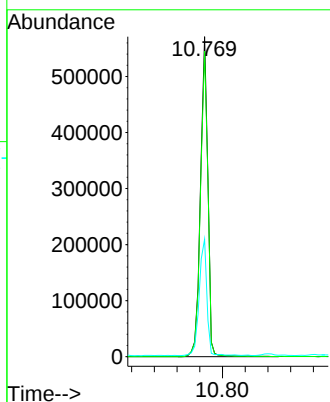
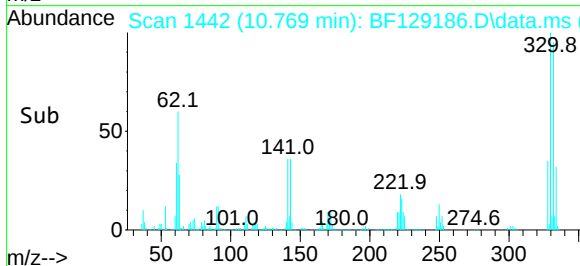
Instrument : BNA_F
ClientSampleId : 20220495B-SIM/C1B-COMPOSITE



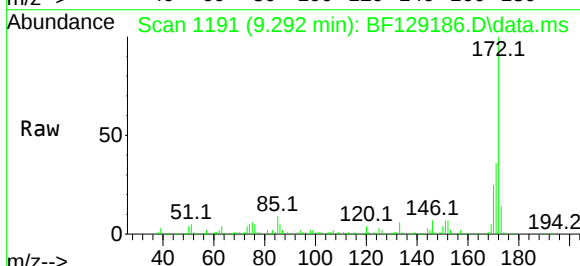
Tgt Ion: 330 Resp: 514938
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 38.0 28.0 42.0

Manual Integrations
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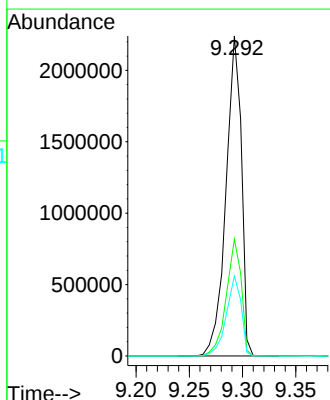
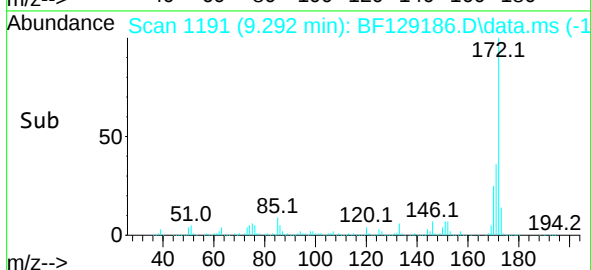
Reviewed By : Christian Giraldo 07/13/2022
Supervised By : Jagrut Upadhyay 07/13/2022

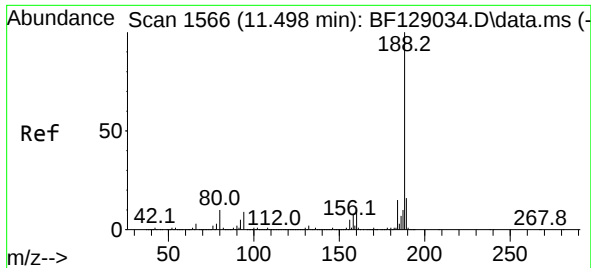


#45
2-Fluorobiphenyl
Concen: 69.506 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30



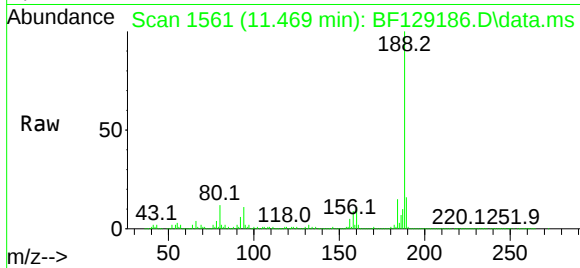
Tgt Ion: 172 Resp: 2248382
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 25.0 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

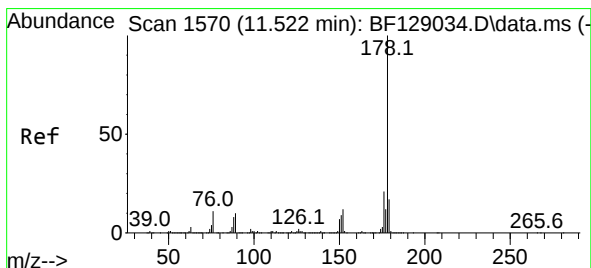
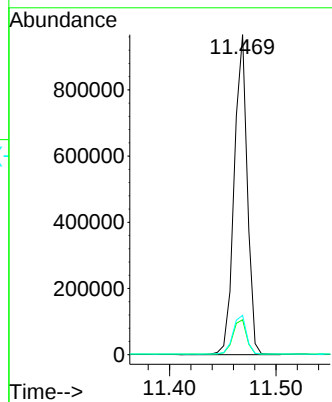
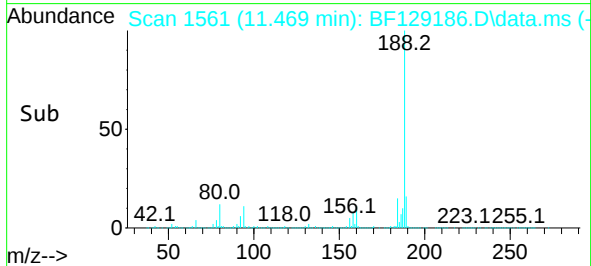
Instrument :
BNA_F
ClientSampleId :
20220495B-SIM/C1B-COMPOSITE



Tgt Ion:188 Resp: 82243
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6
80 12.3 7.6 11.4

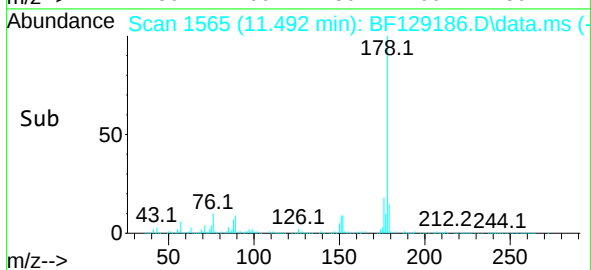
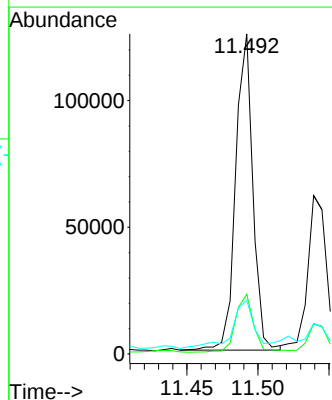
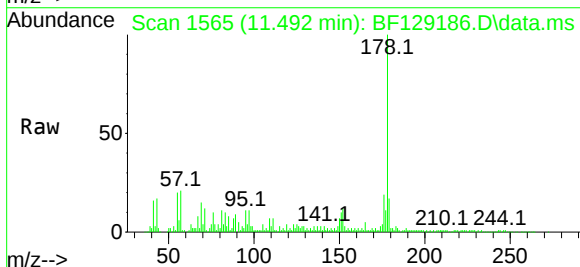
Manual Integrations
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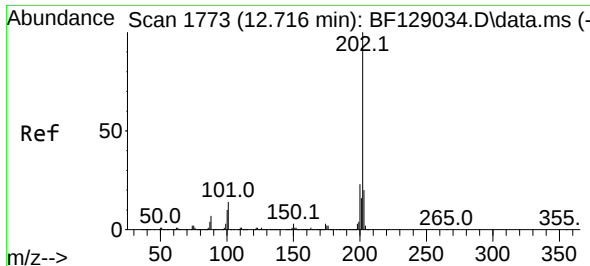
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#71
Phenanthrene
Concen: 2.675 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

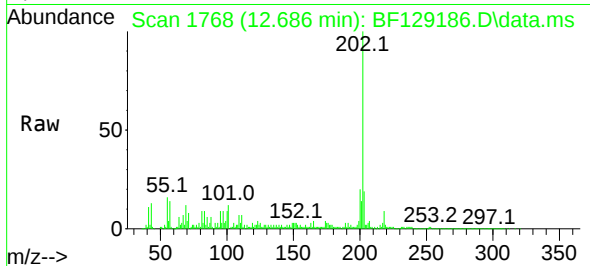
Tgt Ion:178 Resp: 105124
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 16.8 12.6 19.0





#75
Fluoranthene
Concen: 4.280 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

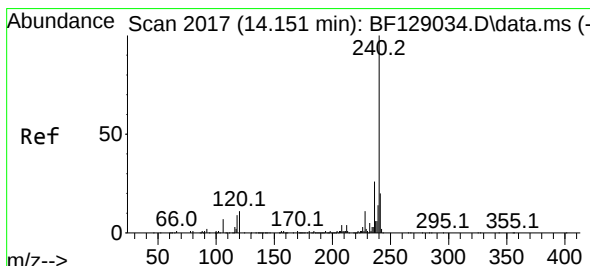
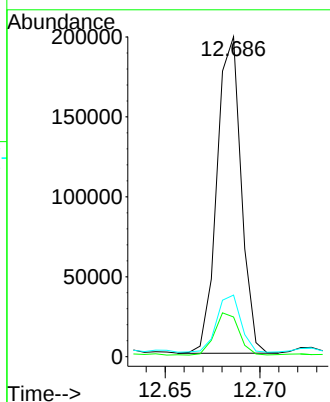
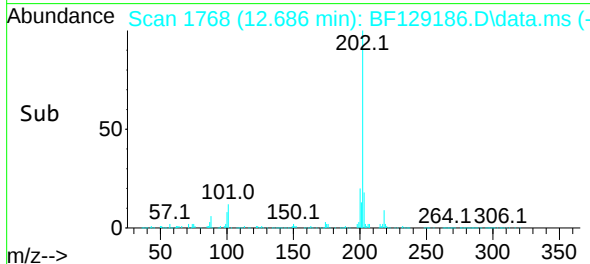
Instrument : BNA_F
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Tgt Ion:202 Resp: 175879
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 19.2 0.0 38.0

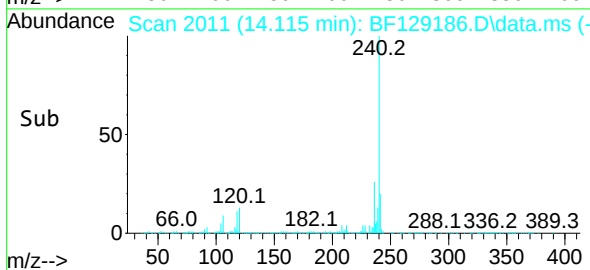
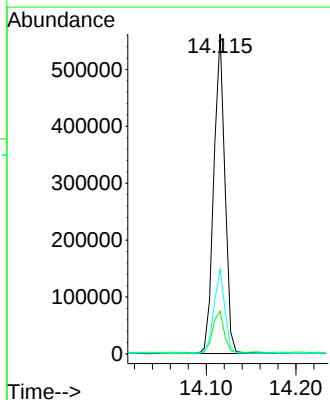
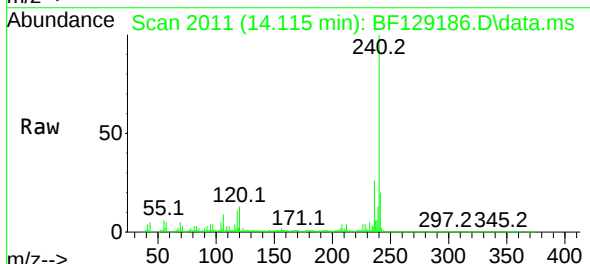
Manual Integrations
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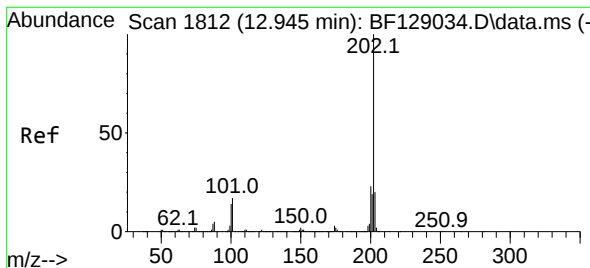
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

Tgt Ion:240 Resp: 482214
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 26.5 20.8 31.2





#78

Pyrene

Concen: 6.925 ng

RT: 12.916 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BF129186.D

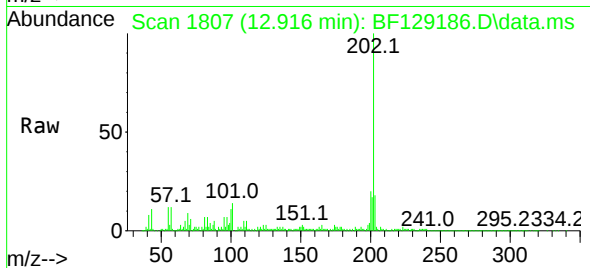
Acq: 12 Jul 2022 13:30

Instrument :

BNA_F

ClientSampleId :

20220495B-SIM/C1B-COMPOSITE



Tgt Ion:202 Resp: 231468

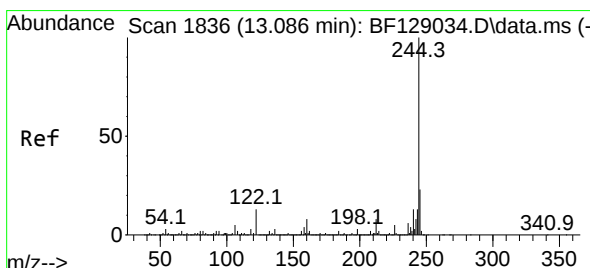
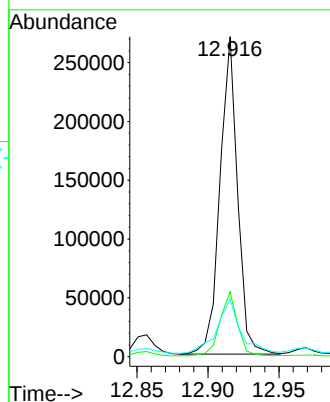
Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	18.0	14.6	21.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/13/2022



#79

Terphenyl-d14

Concen: 74.359 ng

RT: 13.057 min Scan# 1831

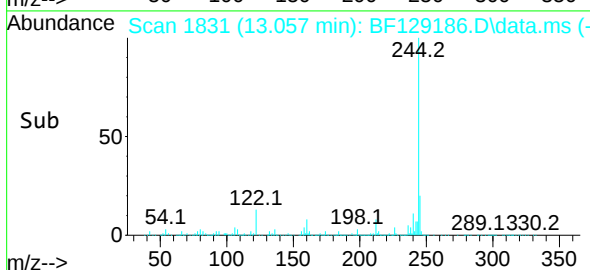
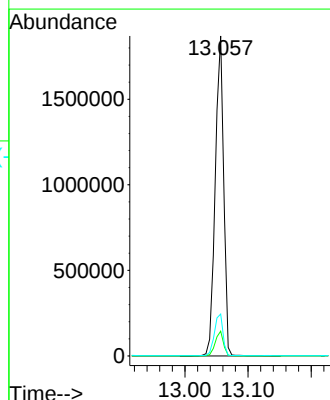
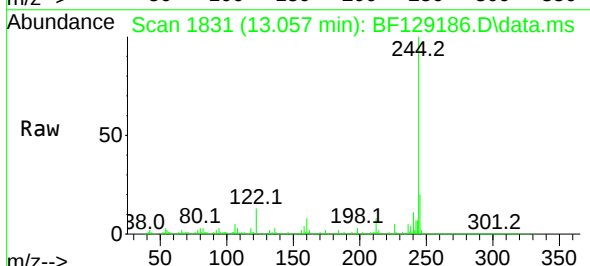
Delta R.T. -0.006 min

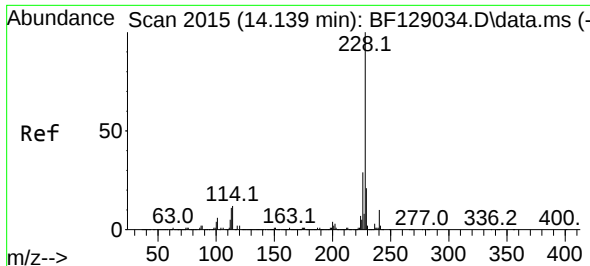
Lab File: BF129186.D

Acq: 12 Jul 2022 13:30

Tgt Ion:244 Resp: 1726693

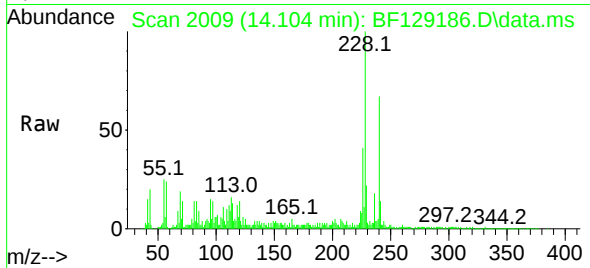
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	13.1	8.8	13.2





#81
Benzo(a)anthracene
Concen: 4.396 ng
RT: 14.104 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

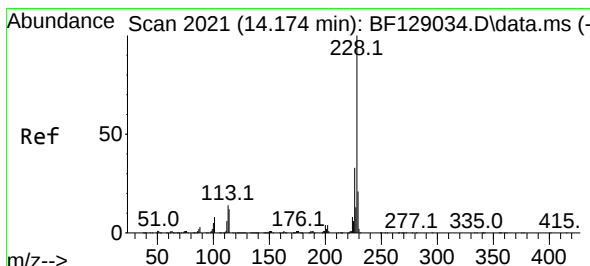
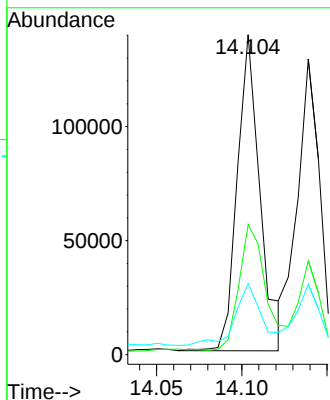
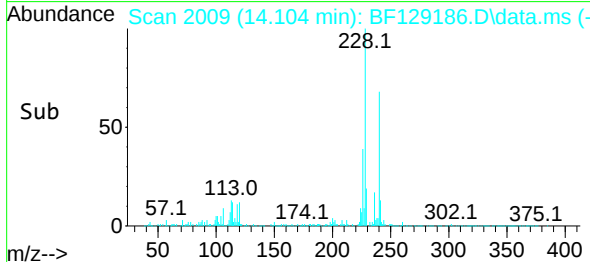
Instrument : BNA_F
ClientSampleId : 20220495B-SIM/C1B-COMPOSITE



Tgt Ion:228 Resp: 129419
Ion Ratio Lower Upper
228 100
226 40.7 22.1 33.1
229 22.3 15.8 23.8

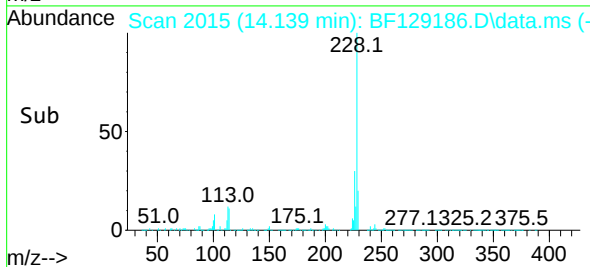
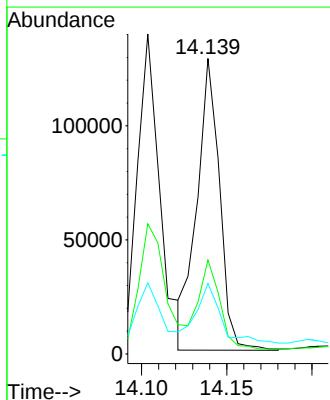
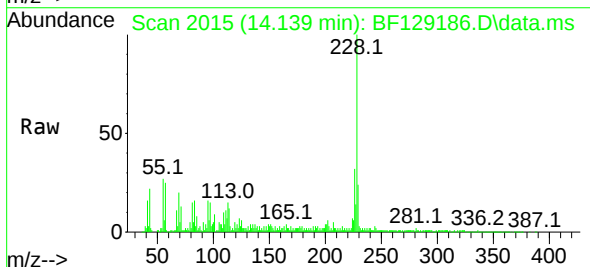
Manual Integrations
APPROVED

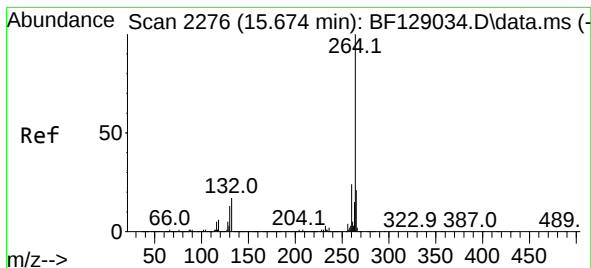
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#83
Chrysene
Concen: 4.331 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

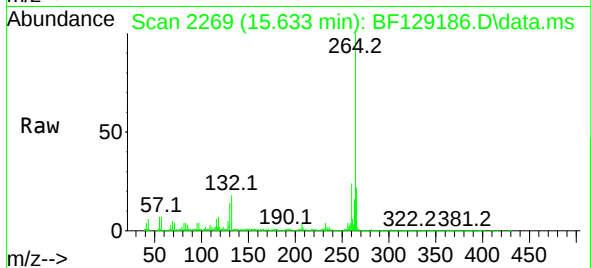
Tgt Ion:228 Resp: 118382
Ion Ratio Lower Upper
228 100
226 31.8 24.3 36.5
229 23.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

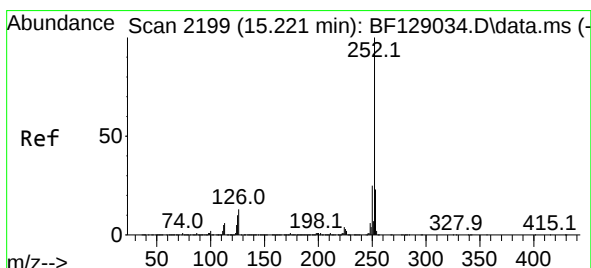
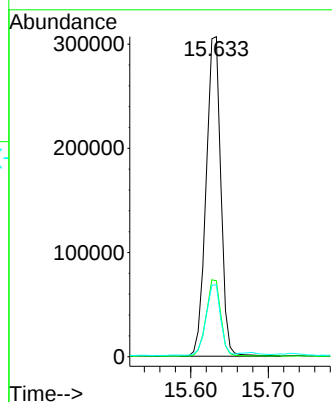
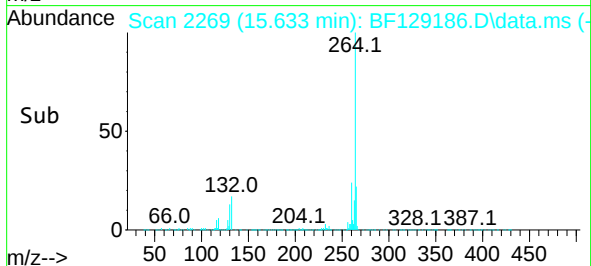
Instrument : BNA_F
ClientSampleId : 20220495B-SIM/C1B-COMPOSITE



Tgt Ion:264 Resp: 404389
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.5 17.2 25.8

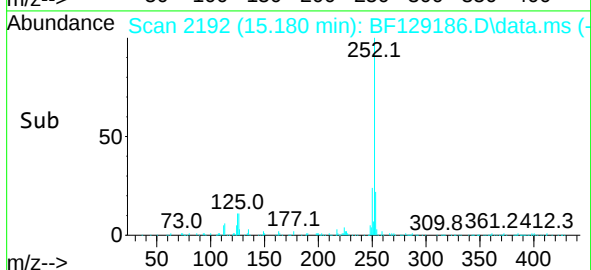
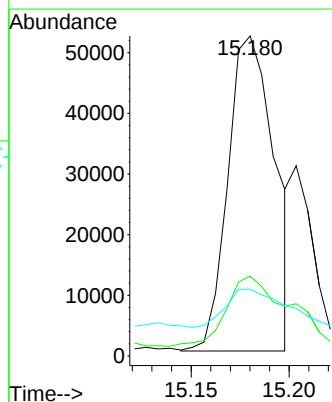
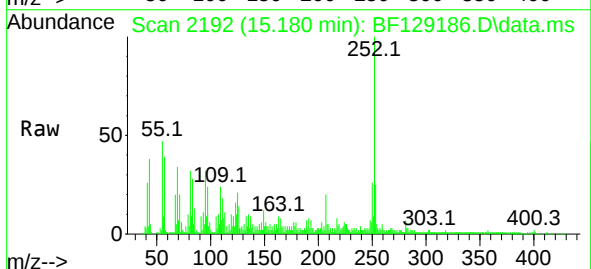
Manual Integrations
APPROVED

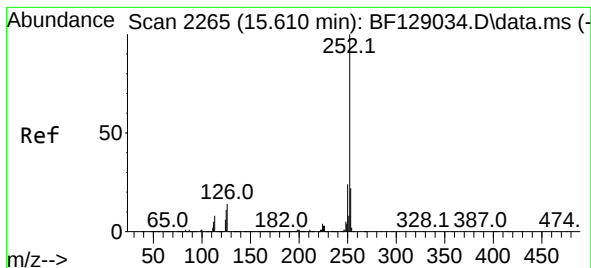
Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022



#88
Benzo(b)fluoranthene
Concen: 3.545 ng m
RT: 15.180 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF129186.D
Acq: 12 Jul 2022 13:30

Tgt Ion:252 Resp: 86217
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 20.8 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 3.990 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129186.D

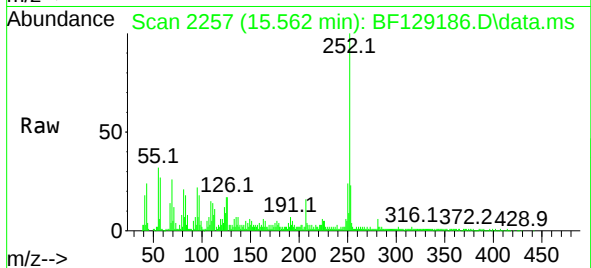
Acq: 12 Jul 2022 13:30

Instrument :

BNA_F

ClientSampleId :

20220495B-SIM/C1B-COMPOSITE



Tgt Ion:252 Resp: 7911

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 17.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/13/2022

Supervised By :Jagrut Upadhyay 07/13/2022

