

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129260.D
 Acq On : 16 Jul 2022 02:49
 Operator : CG\JU
 Sample : N3724-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-1-071422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 03:10:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	260297	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	944683	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	447294	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	681561	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	525375	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	362098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	140491	8.620	ng	0.00
7) Phenol-d6	6.522	99	170383	8.083	ng	0.00
23) Nitrobenzene-d5	7.457	82	90959	5.147	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	28643	6.899	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	175679	6.654	ng	-0.01
79) Terphenyl-d14	13.010	244	158096	5.629	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.645	202	105498	3.061	ng	98
78) Pyrene	12.874	202	107654	2.530	ng	98
88) Benzo(b)fluoranthene	15.127	252	59321m	2.667	ng	
90) Benzo(a)pyrene	15.504	252	43390	2.396	ng	# 79

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

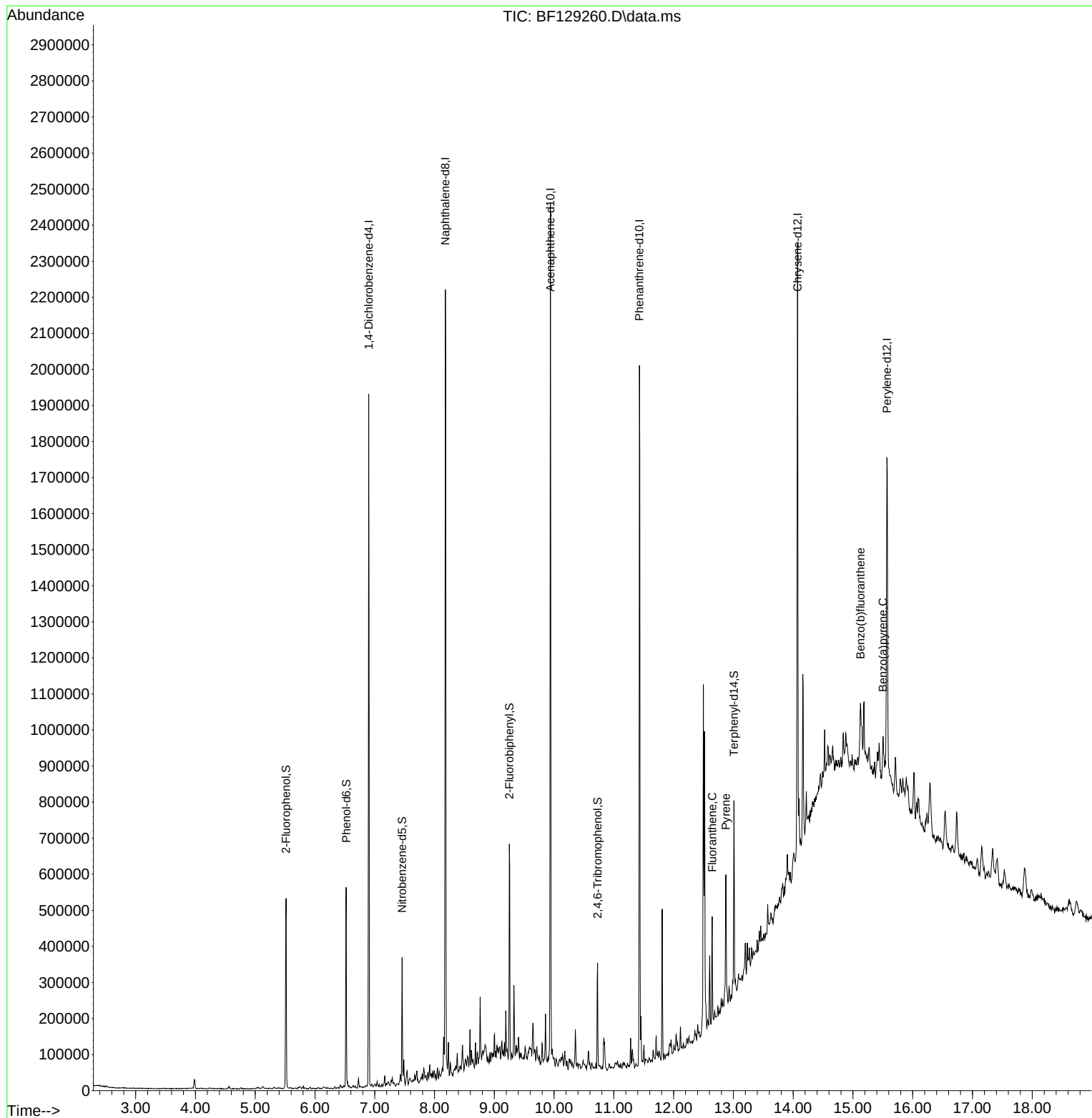
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129260.D
Acq On : 16 Jul 2022 02:49
Operator : CG\JU
Sample : N3724-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

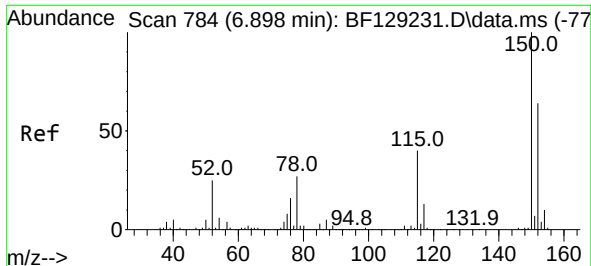
Instrument :
BNA_F
ClientSampleId :
EO-1-071422

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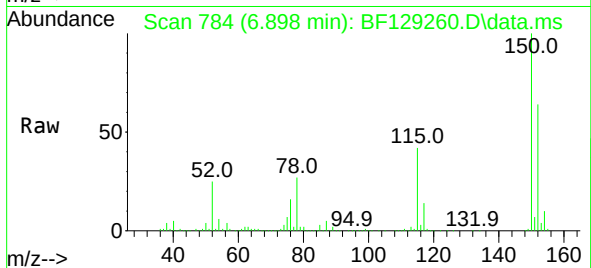
Quant Time: Jul 16 03:10:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129260.D
 Acq: 16 Jul 2022 02:49

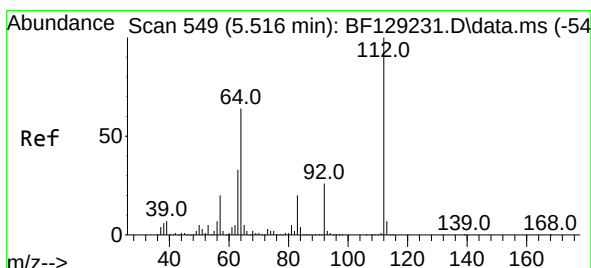
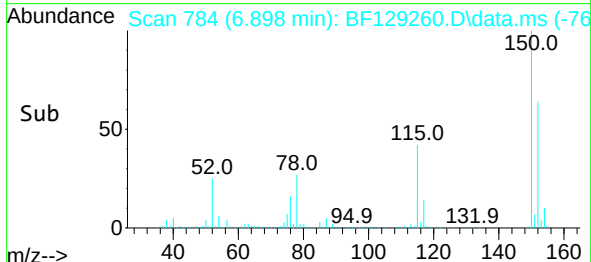
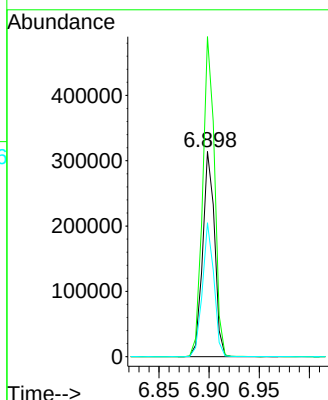
Instrument :
 BNA_F
 ClientSampleId :
 EO-1-071422



Tgt Ion:152 Resp: 260297
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.7 185.5
 115 65.3 49.9 74.9

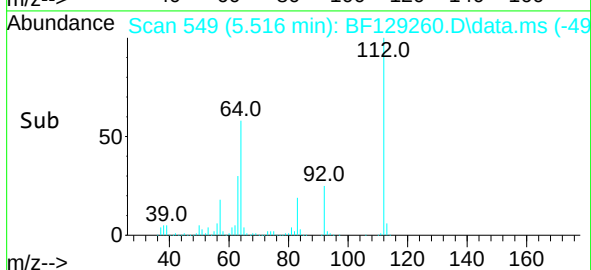
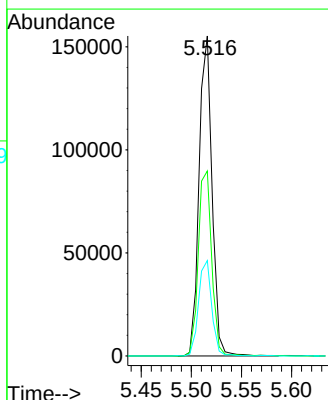
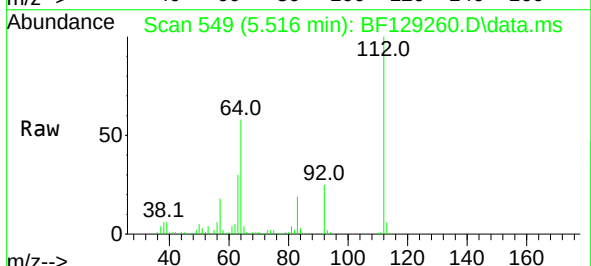
Manual Integrations
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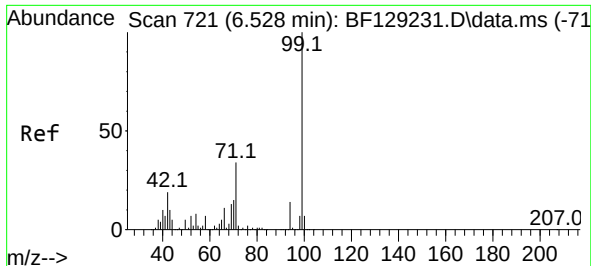
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#5
 2-Fluorophenol
 Concen: 8.620 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF129260.D
 Acq: 16 Jul 2022 02:49

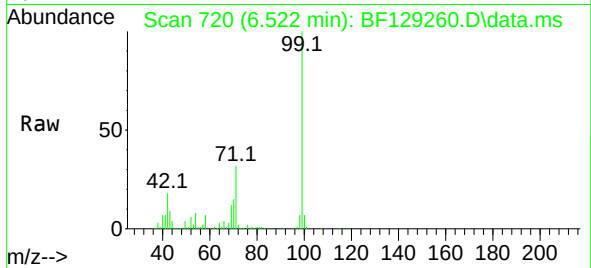
Tgt Ion:112 Resp: 140491
 Ion Ratio Lower Upper
 112 100
 64 57.8 53.3 79.9
 63 29.8 28.0 42.0





#7
Phenol-d6
Concen: 8.083 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

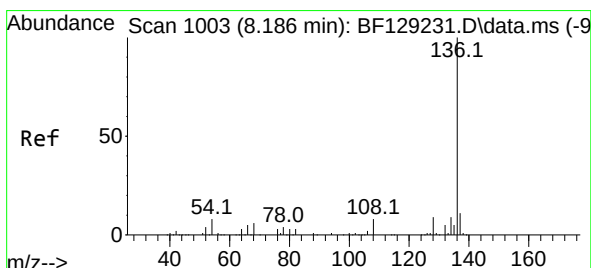
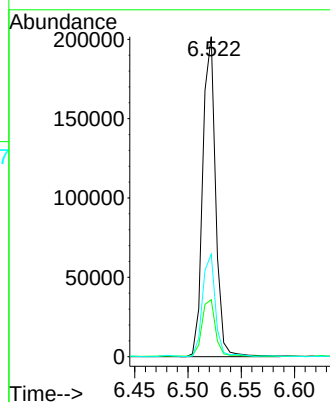
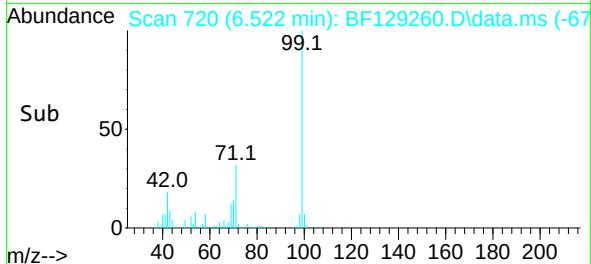
Instrument :
BNA_F
ClientSampleId :
EO-1-071422



Tgt Ion: 99 Resp: 17038
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 32.0 28.9 43.3

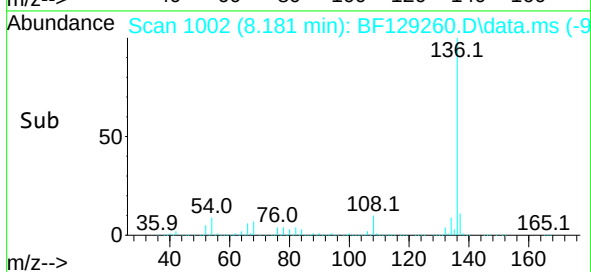
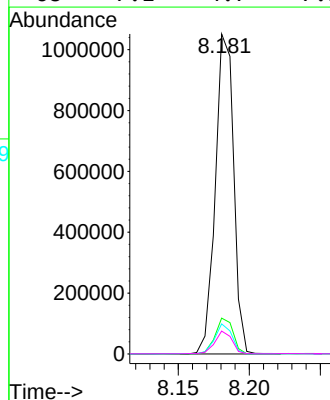
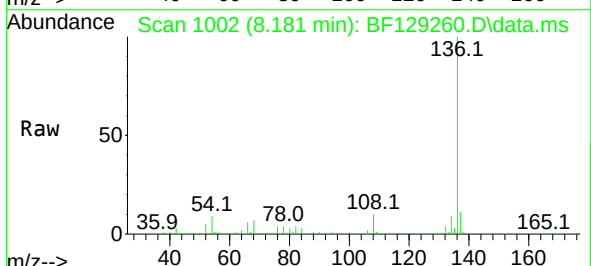
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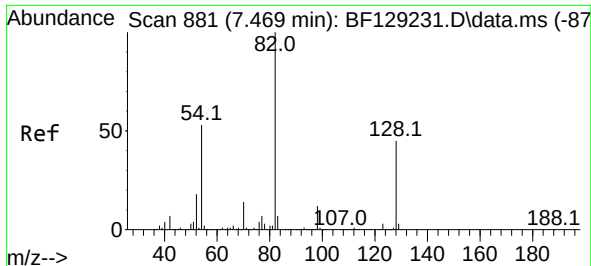
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:136 Resp: 944683
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.4 7.5 11.3
68 7.1 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 5.147 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

Instrument :

BNA_F

ClientSampleId :

EO-1-071422

Tgt Ion: 82 Resp: 90959

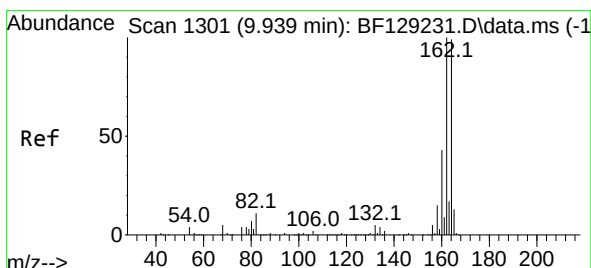
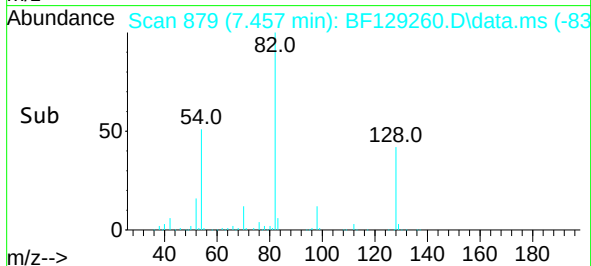
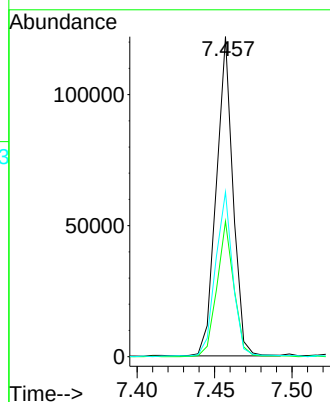
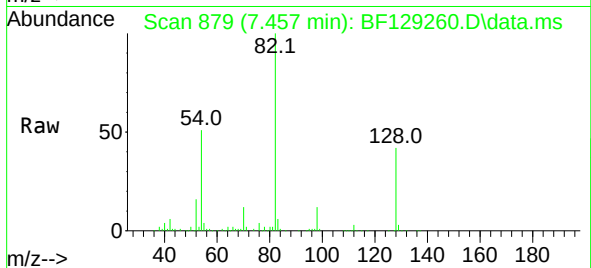
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.0	51.0
54	51.5	46.9	70.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1301

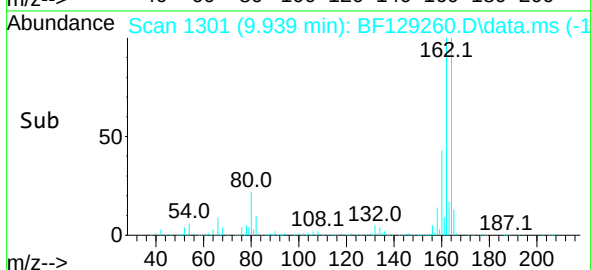
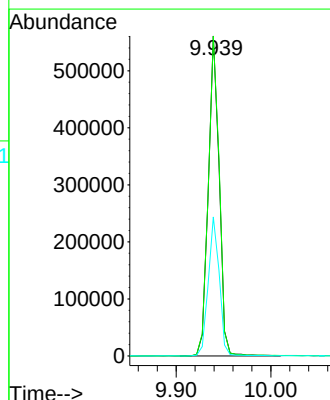
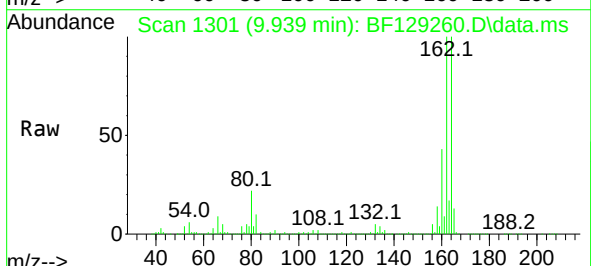
Delta R.T. -0.000 min

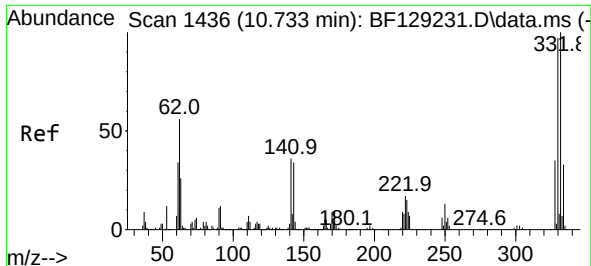
Lab File: BF129260.D

Acq: 16 Jul 2022 02:49

Tgt Ion:164 Resp: 447294

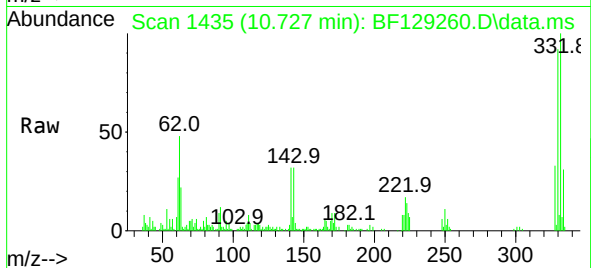
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.5	119.3
160	43.5	34.2	51.4





#42
2,4,6-Tribromophenol
Concen: 6.899 ng
RT: 10.727 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

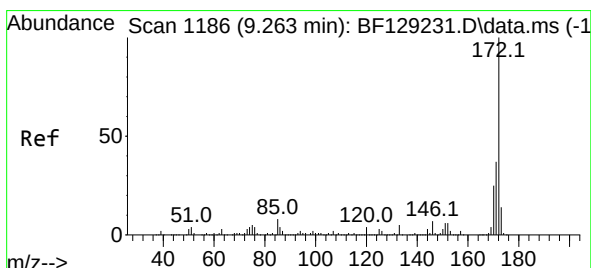
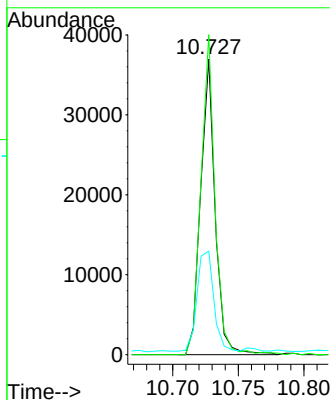
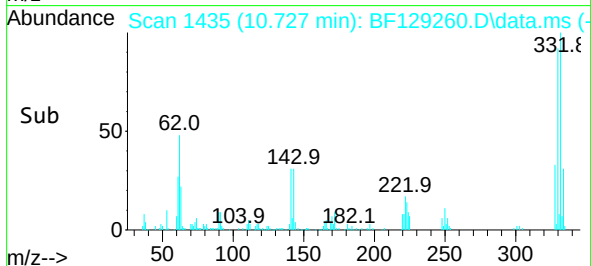
Instrument :
BNA_F
ClientSampleId :
EO-1-071422



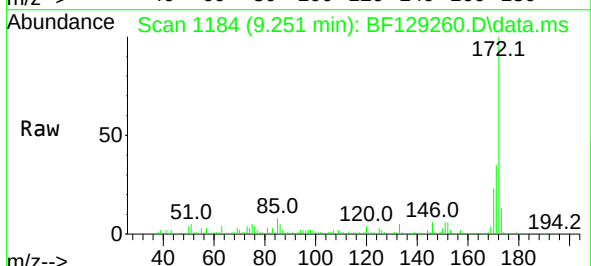
Tgt Ion: 330 Resp: 2864
Ion Ratio Lower Upper
330 100
332 105.0 76.8 115.2
141 38.8 28.0 42.0

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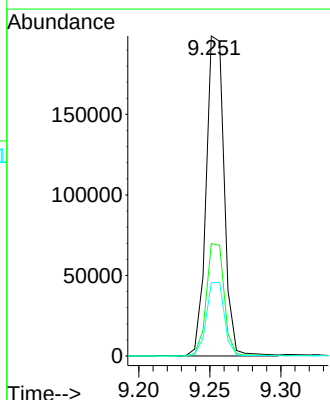
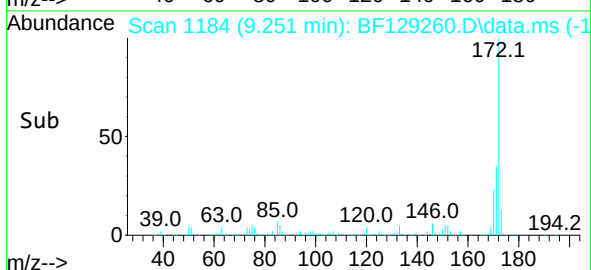
Reviewed By : Christian Giraldo 07/18/2022
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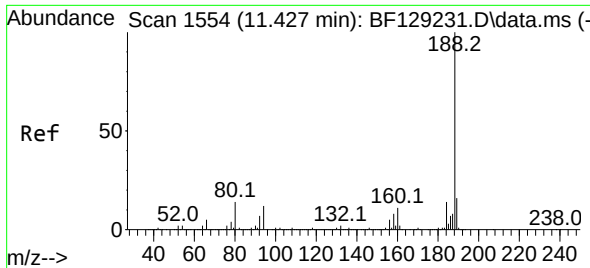


#45
2-Fluorobiphenyl
Concen: 6.654 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49



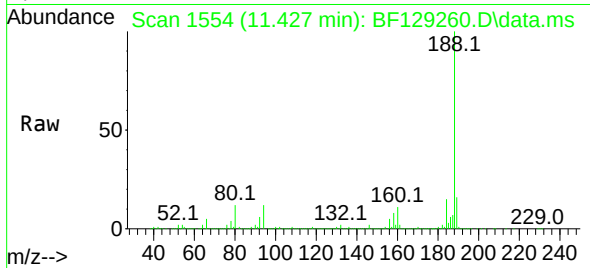
Tgt Ion: 172 Resp: 175679
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.8 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11554
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

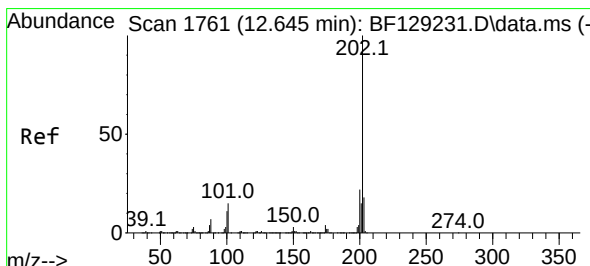
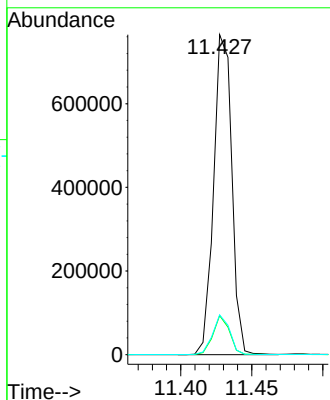
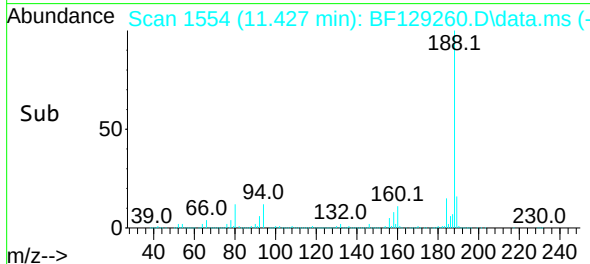
Instrument :
BNA_F
ClientSampleId :
EO-1-071422



Tgt Ion:188 Resp: 68156
Ion Ratio Lower Upper
188 100
94 12.2 7.0 10.6
80 12.5 7.6 11.4

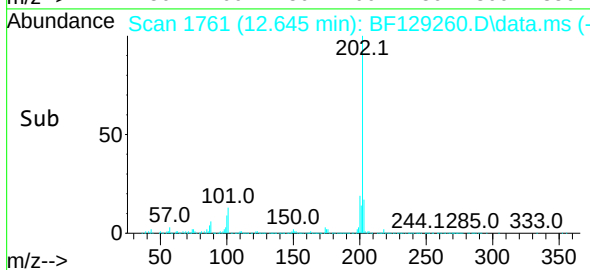
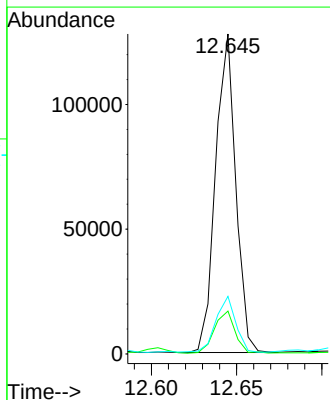
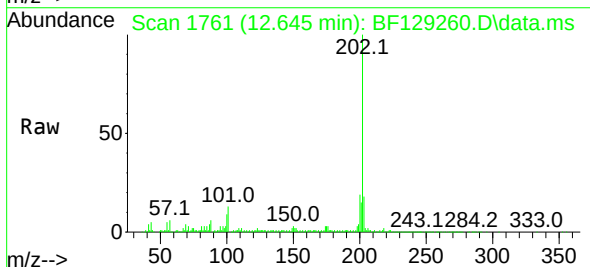
Manual Integrations
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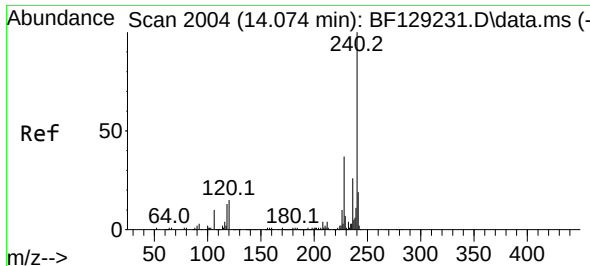
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#75
Fluoranthene
Concen: 3.061 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:202 Resp: 105498
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 18.0 0.0 38.0





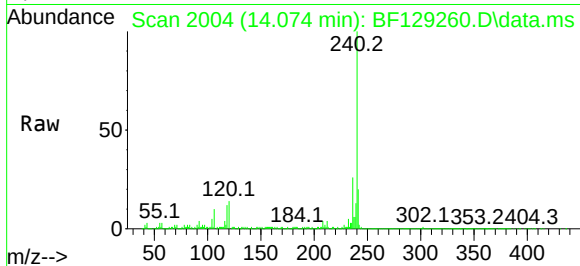
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Instrument :

BNA_F

ClientSampleId :

EO-1-071422

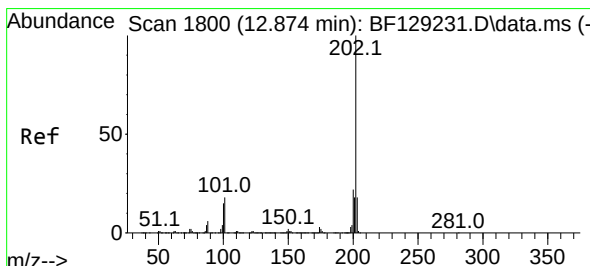
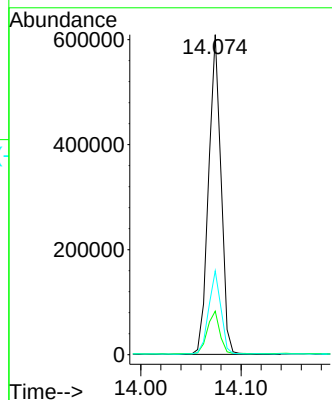
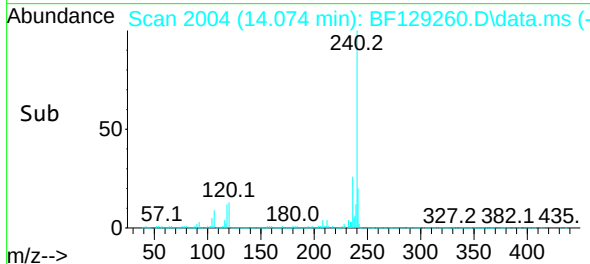


Tgt Ion:240 Resp: 525379
Ion Ratio Lower Upper
240 100
120 13.6 8.9 13.3
236 26.2 20.8 31.2

Manual Integrations

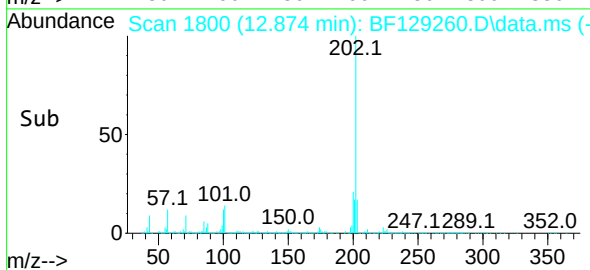
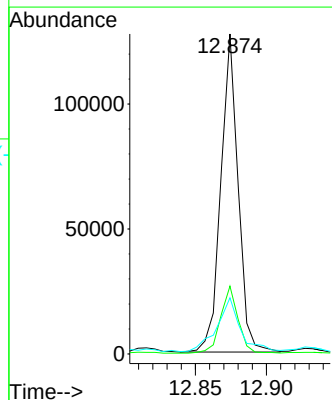
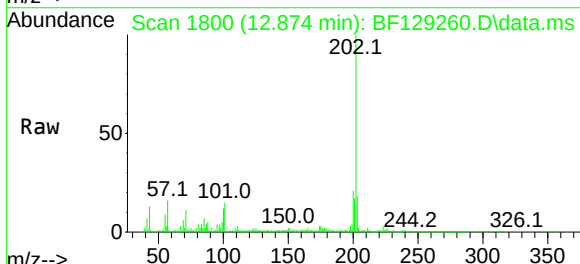
APPROVED

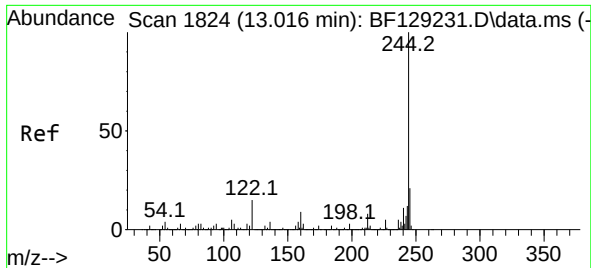
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#78
Pyrene
Concen: 2.530 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

Tgt Ion:202 Resp: 107654
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.6 14.6 21.8





#79
 Terphenyl-d14
 Concen: 5.629 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129260.D
 Acq: 16 Jul 2022 02:49

Instrument :

BNA_F

ClientSampleId :

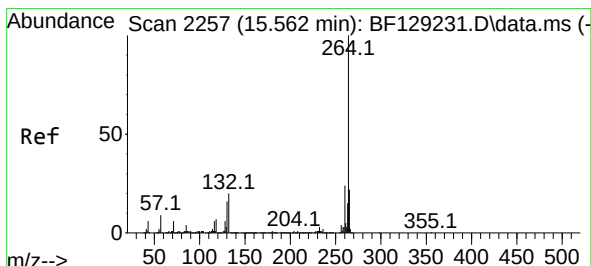
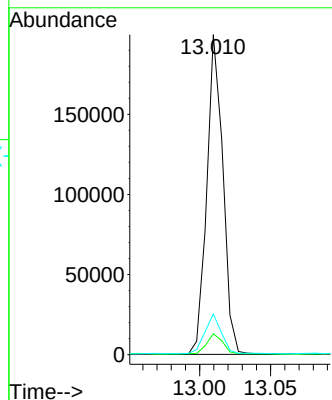
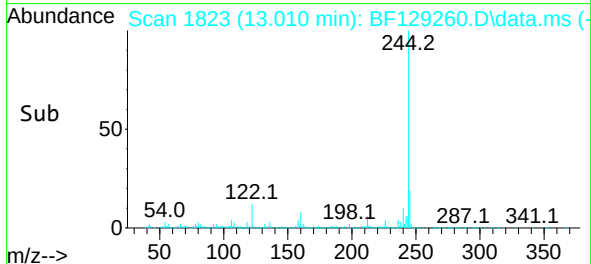
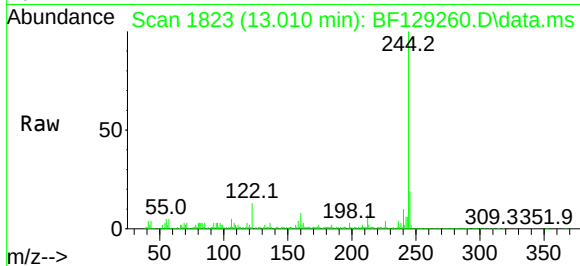
EO-1-071422

Tgt Ion:244 Resp: 158090
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 12.7 8.8 13.2

Manual Integrations

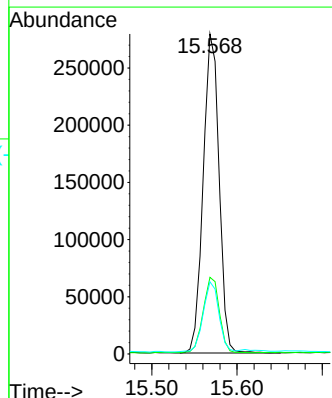
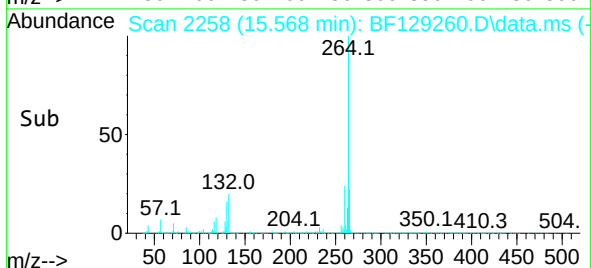
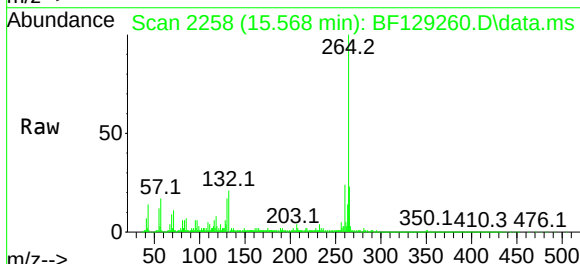
APPROVED

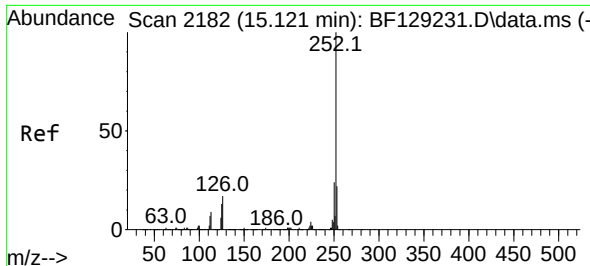
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. 0.006 min
 Lab File: BF129260.D
 Acq: 16 Jul 2022 02:49

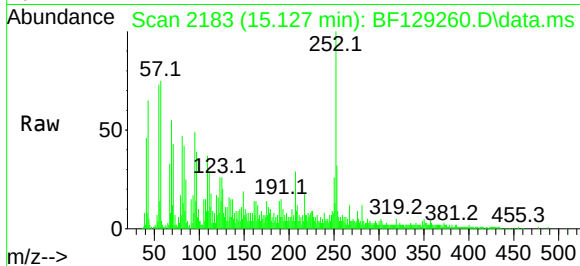
Tgt Ion:264 Resp: 362098
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.667 ng m
RT: 15.127 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49

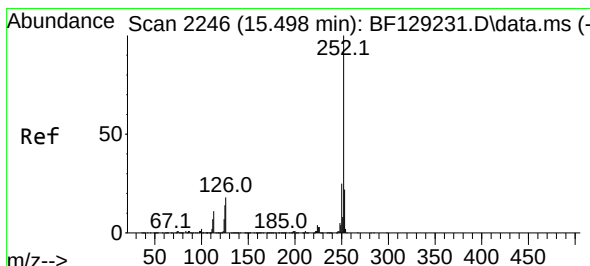
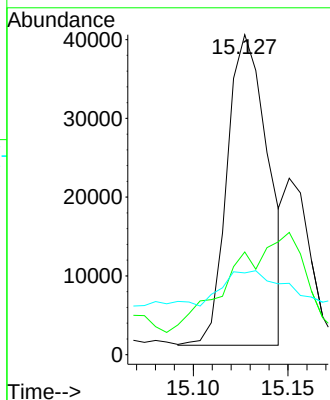
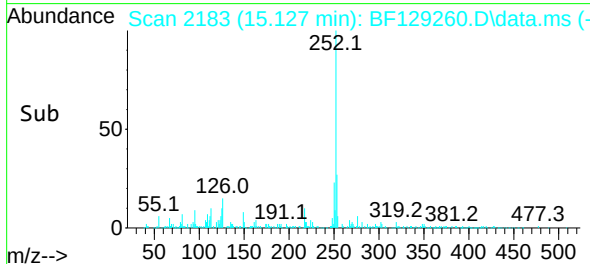
Instrument :
BNA_F
ClientSampleId :
EO-1-071422



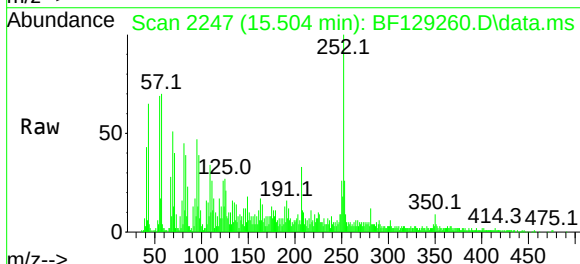
Tgt Ion:252 Resp: 5932
Ion Ratio Lower Upper
252 100
253 32.1 17.7 26.5#
125 25.6 8.0 12.0#

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#90
Benzo(a)pyrene
Concen: 2.396 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BF129260.D
Acq: 16 Jul 2022 02:49



Tgt Ion:252 Resp: 43390
Ion Ratio Lower Upper
252 100
253 26.1 17.0 25.6#
125 26.6 8.8 13.2#

