

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138294.D
 Acq On : 21 Jun 2024 19:35
 Operator : CG\JU
 Sample : P2977-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 23:02:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	287698	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1091022	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	549572	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	746847	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	562273	20.000	ng	-0.01
86) Perylene-d12	15.509	264	566414	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1367639	79.522	ng	0.00
7) Phenol-d6	6.510	99	1685920	77.307	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1008178	53.796	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	381642	69.756	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1928623	55.803	ng	-0.01
79) Terphenyl-d14	12.986	244	1493685	42.075	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.616	202	130348	3.461	ng	95
78) Pyrene	12.839	202	120215	2.479	ng	99
83) Chrysene	14.063	228	72051	2.096	ng	97
88) Benzo(b)fluoranthene	15.080	252	102255m	3.061	ng	
90) Benzo(a)pyrene	15.445	252	62016	2.161	ng	# 98

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

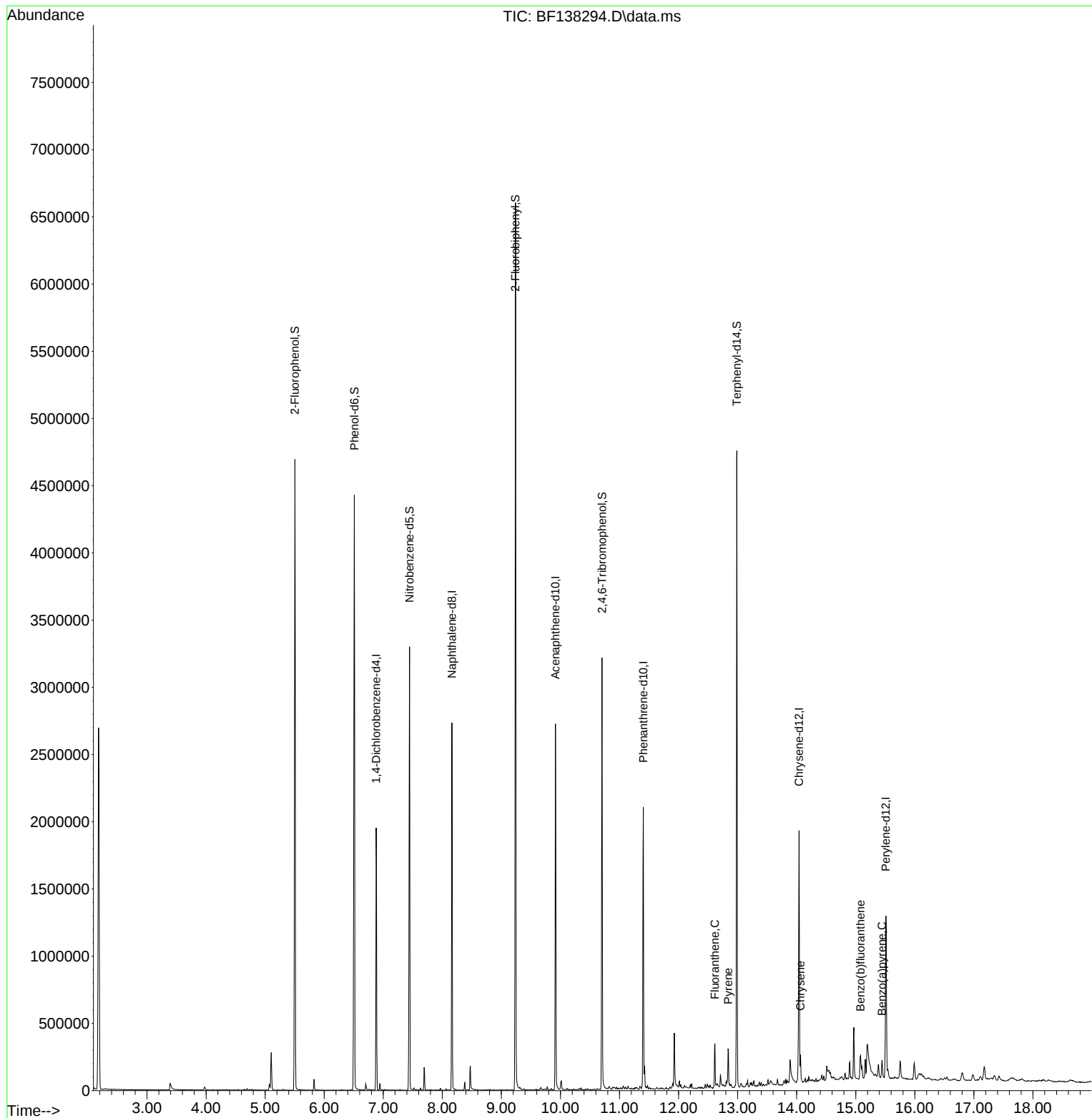
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138294.D
Acq On : 21 Jun 2024 19:35
Operator : CG\JU
Sample : P2977-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

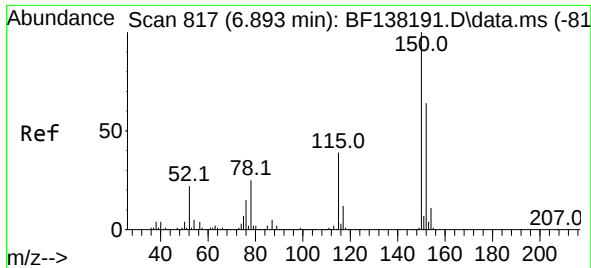
Instrument :
BNA_F
ClientSampleId :
OSTL-A1

Quant Time: Jun 21 23:02:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

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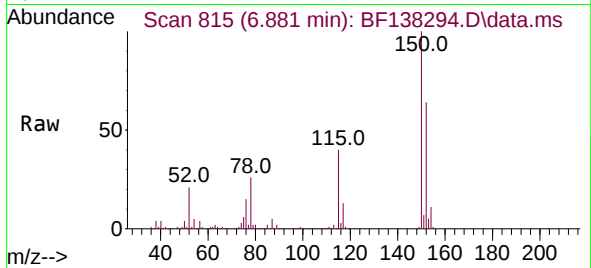
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

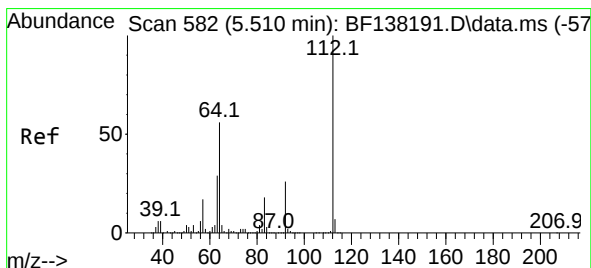
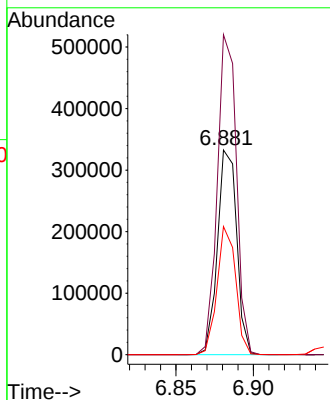
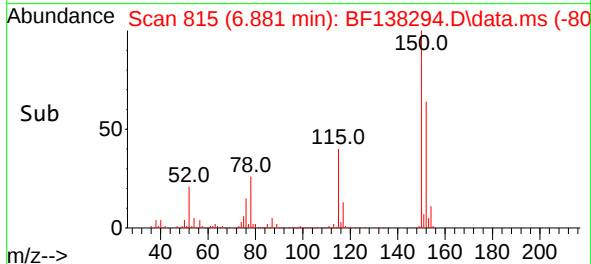
Instrument :
BNA_F
ClientSampleId :
OSTL-A1



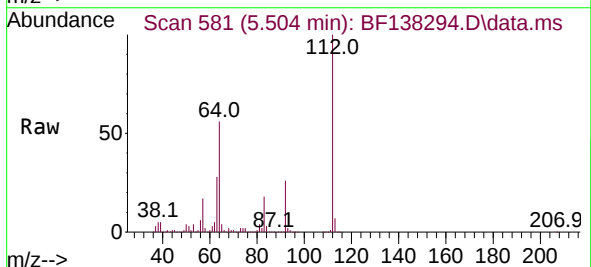
Tgt Ion:152 Resp: 287698
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.4
115 62.6 48.4 72.6

Manual Integrations
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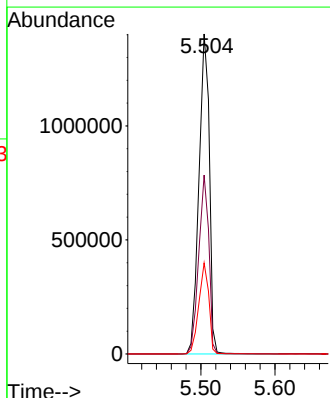
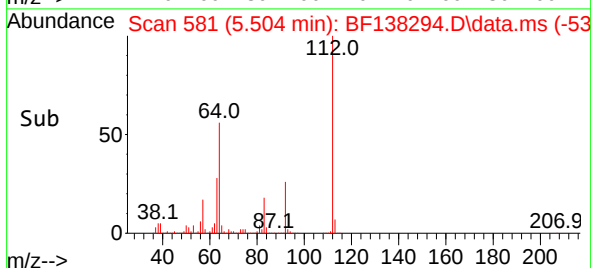
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#5
2-Fluorophenol
Concen: 79.522 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35



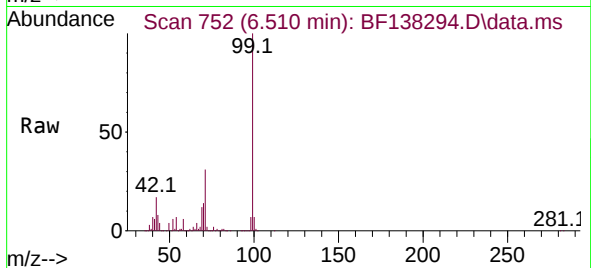
Tgt Ion:112 Resp: 1367639
Ion Ratio Lower Upper
112 100
64 55.9 45.2 67.8
63 28.5 22.9 34.3





#7
Phenol-d6
Concen: 77.307 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

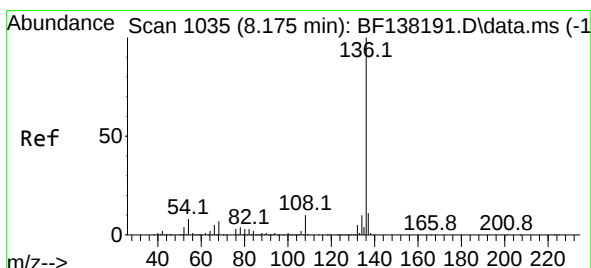
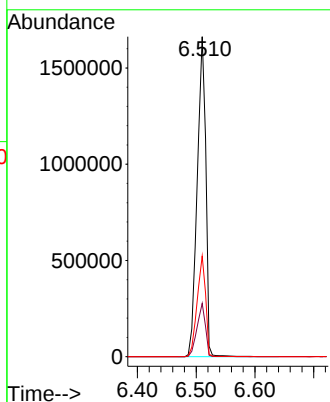
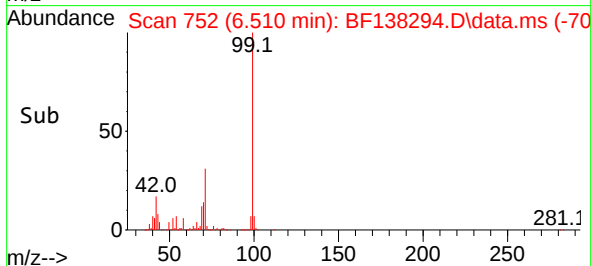
Instrument :
BNA_F
ClientSampleId :
OSTL-A1



Tgt Ion: 99 Resp: 1685920
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 31.4 25.0 37.6

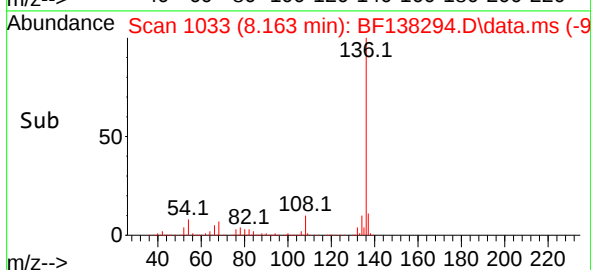
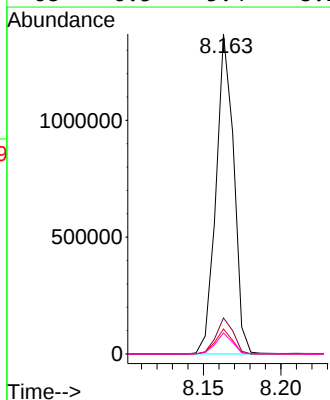
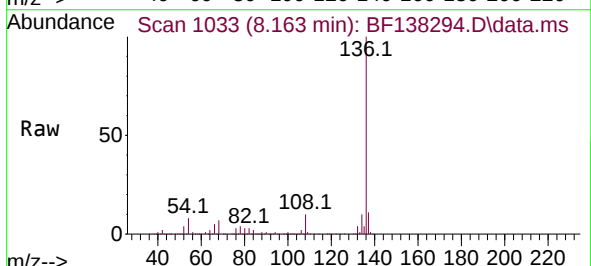
Manual Integrations
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

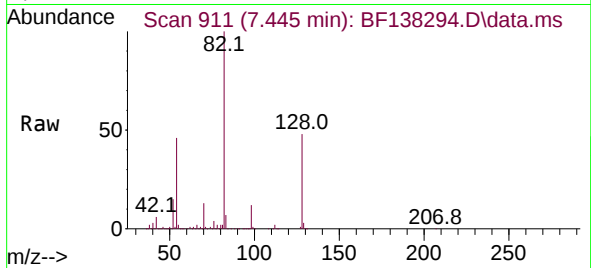
Tgt Ion:136 Resp: 1091022
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.6 10.0
68 6.5 5.4 8.2





#23
Nitrobenzene-d5
Concen: 53.796 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

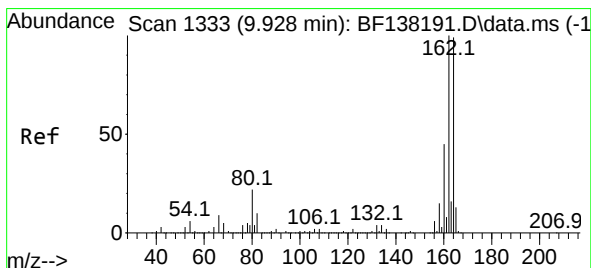
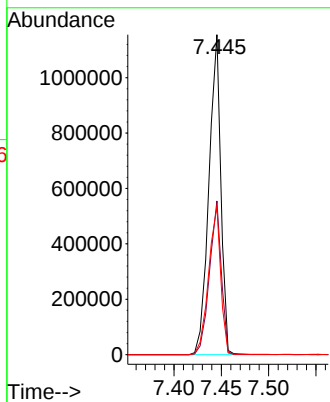
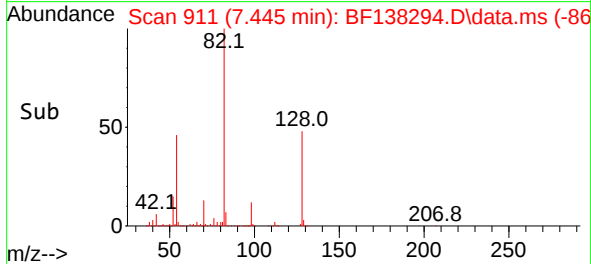
Instrument :
BNA_F
ClientSampleId :
OSTL-A1



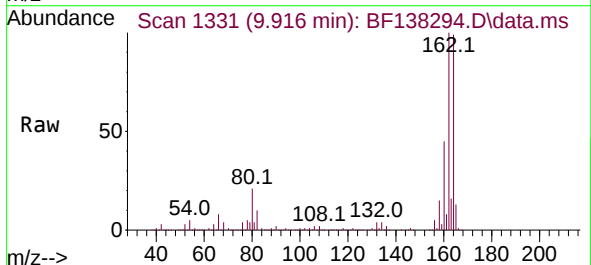
Tgt Ion: 82 Resp: 1008178
Ion Ratio Lower Upper
82 100
128 48.1 37.2 55.8
54 46.3 39.8 59.6

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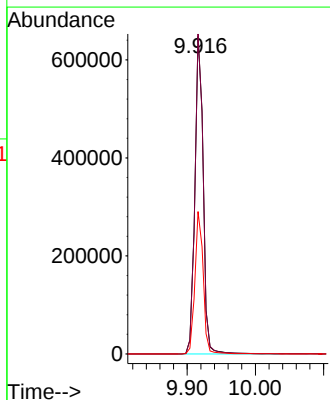
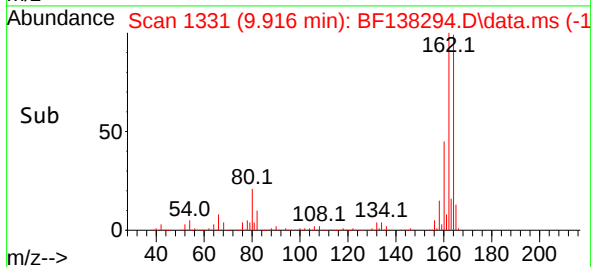
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35



Tgt Ion:164 Resp: 549572
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.9 36.3 54.5





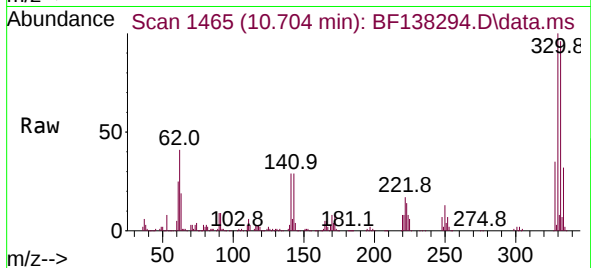
#42
2,4,6-Tribromophenol
Concen: 69.756 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

Instrument :

BNA_F

ClientSampleId :

OSTL-A1



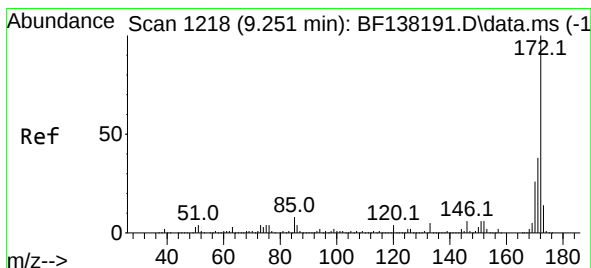
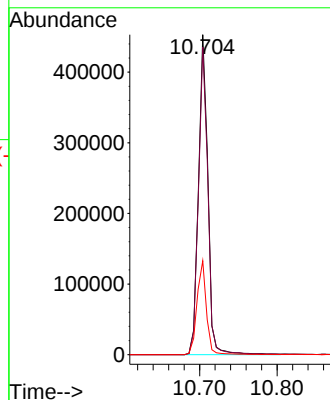
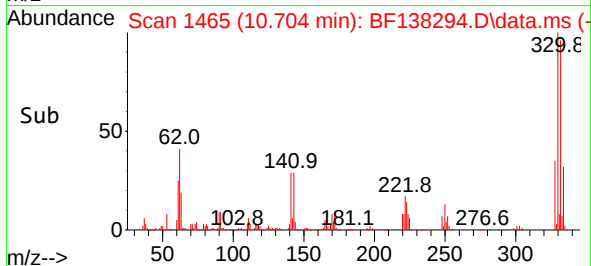
Tgt Ion:330 Resp: 38164
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 29.5 23.9 35.9

Manual Integrations

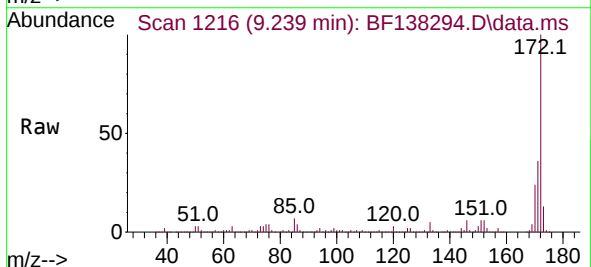
APPROVED

Reviewed By :Yogesh Patel 06/24/2024

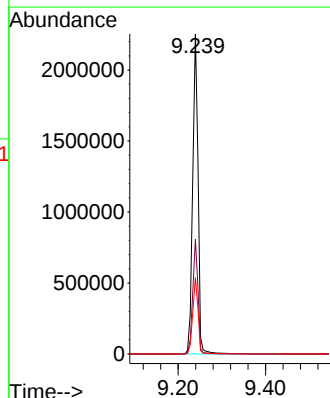
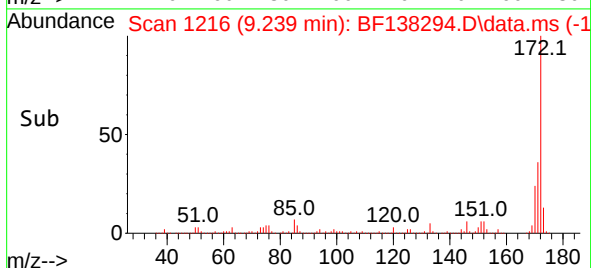
Supervised By :mohammad ahmed 06/24/2024

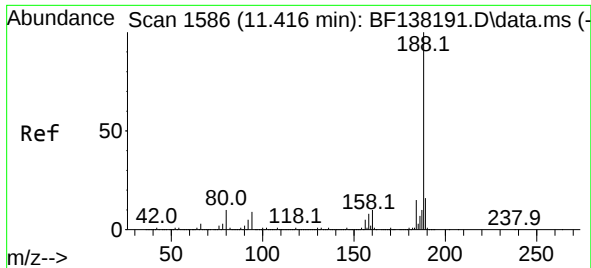


#45
2-Fluorobiphenyl
Concen: 55.803 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35



Tgt Ion:172 Resp: 1928623
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 23.9 20.6 30.8





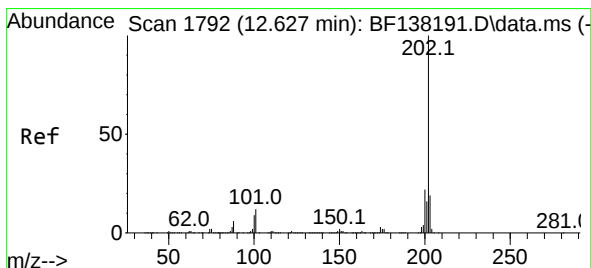
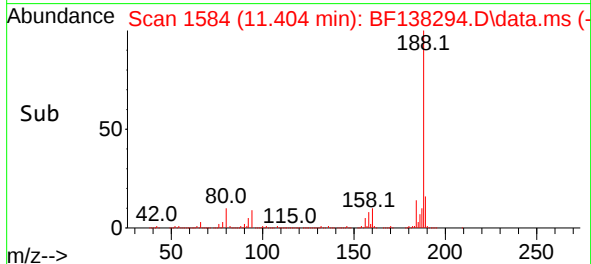
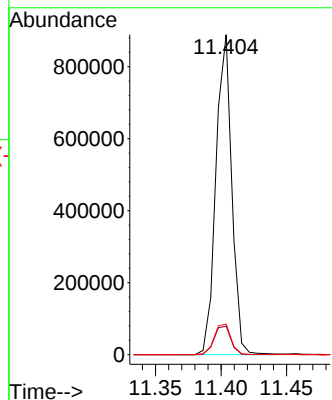
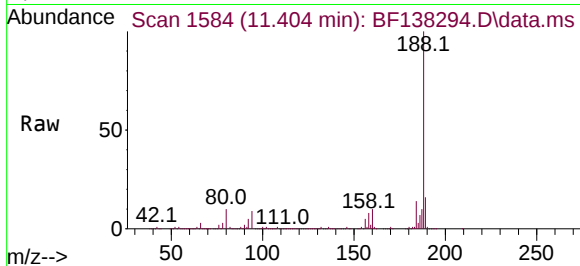
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
OSTL-A1

Tgt Ion:188 Resp: 74684
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.5 8.1 12.1

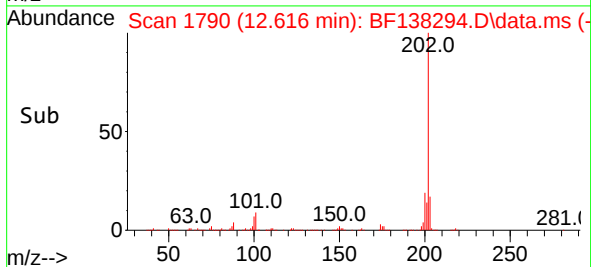
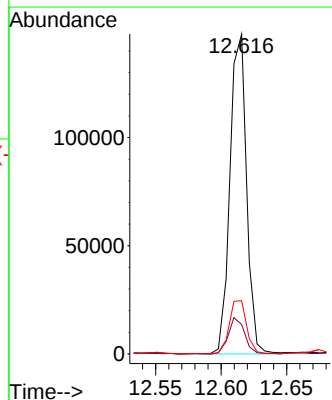
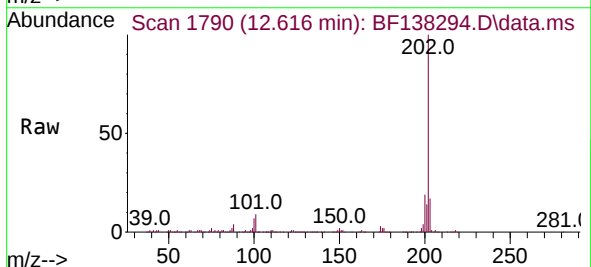
Manual Integrations
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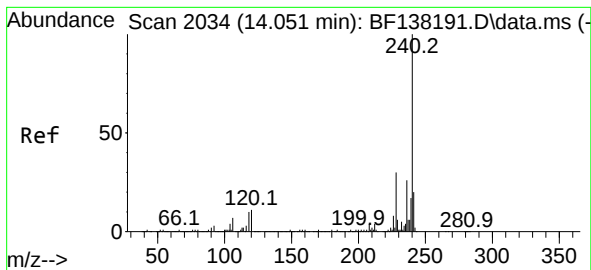
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#75
Fluoranthene
Concen: 3.461 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

Tgt Ion:202 Resp: 130348
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.8
203 16.7 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138294.D

Acq: 21 Jun 2024 19:35

Instrument :

BNA_F

ClientSampleId :

OSTL-A1

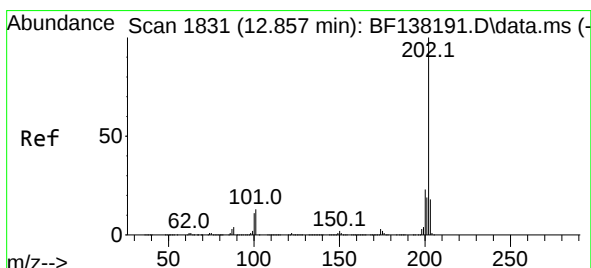
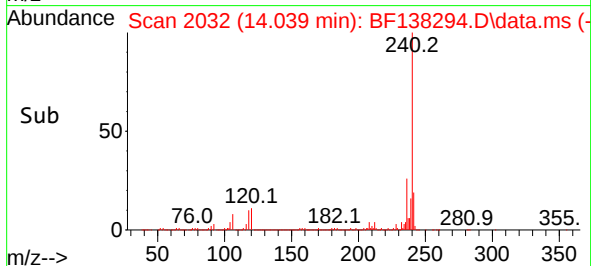
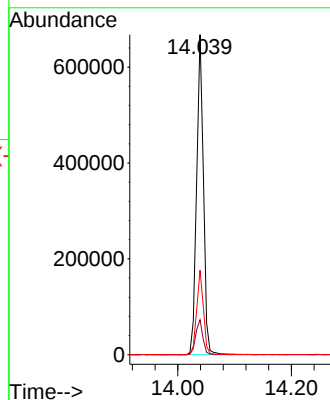
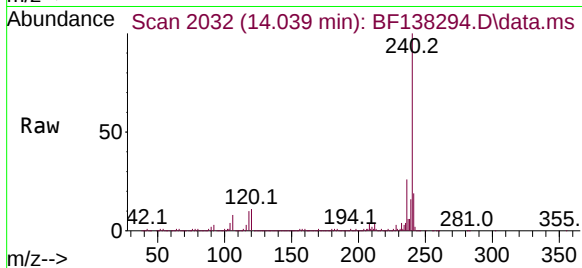
Tgt Ion:240 Resp: 56227
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.2 13.8
 236 26.4 21.0 31.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#78

Pyrene

Concen: 2.479 ng

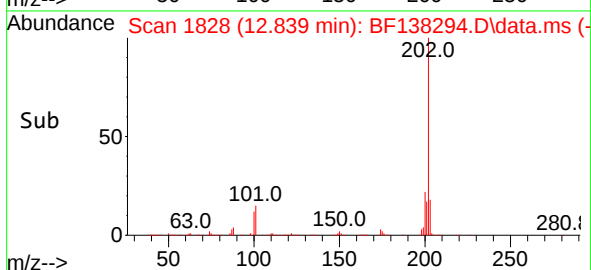
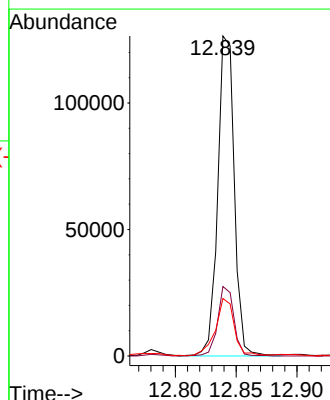
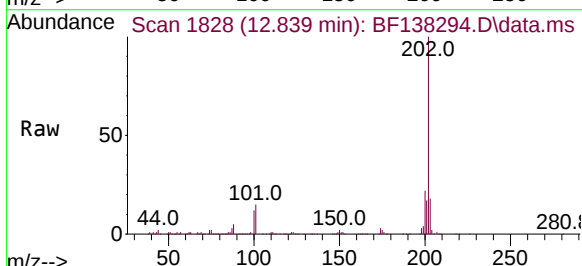
RT: 12.839 min Scan# 1828

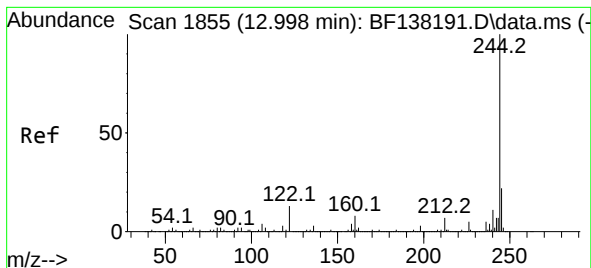
Delta R.T. -0.018 min

Lab File: BF138294.D

Acq: 21 Jun 2024 19:35

Tgt Ion:202 Resp: 120215
 Ion Ratio Lower Upper
 202 100
 200 21.7 18.0 27.0
 203 17.9 14.7 22.1





#79

Terphenyl-d14

Concen: 42.075 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138294.D

Acq: 21 Jun 2024 19:35

Instrument :

BNA_F

ClientSampleId :

OSTL-A1

Tgt Ion:244 Resp: 149368

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

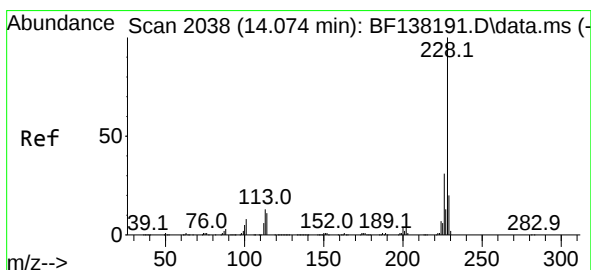
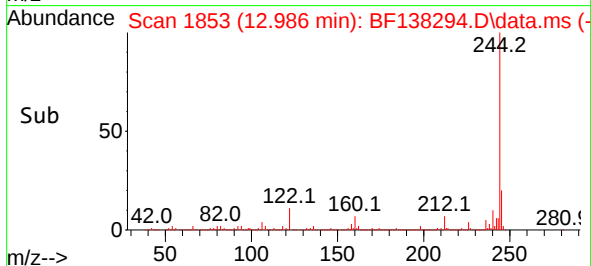
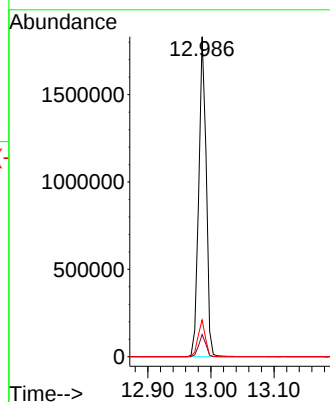
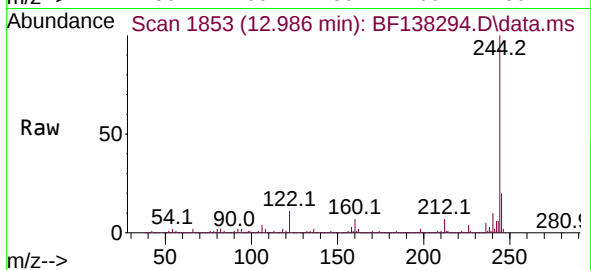
122 11.5 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#83

Chrysene

Concen: 2.096 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF138294.D

Acq: 21 Jun 2024 19:35

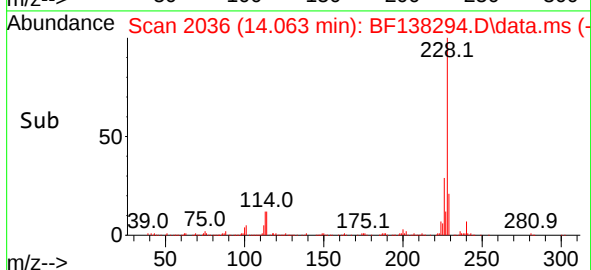
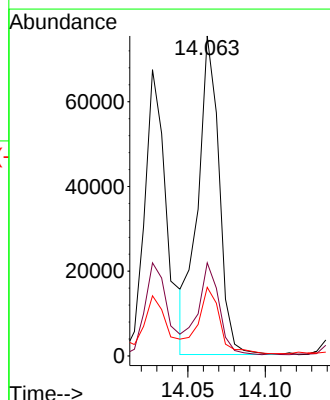
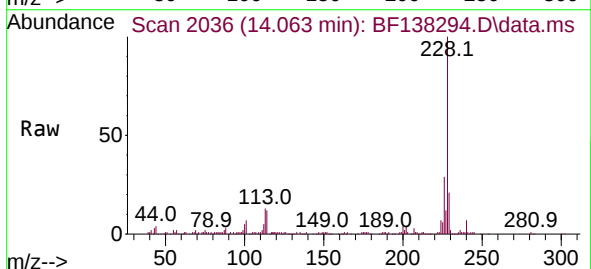
Tgt Ion:228 Resp: 72051

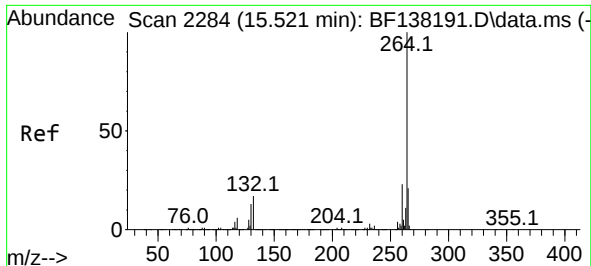
Ion Ratio Lower Upper

228 100

226 29.1 24.5 36.7

229 21.5 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

Instrument :

BNA_F

ClientSampleId :

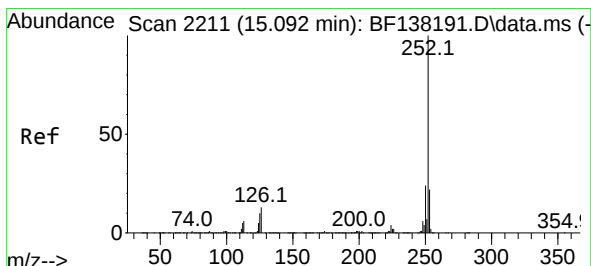
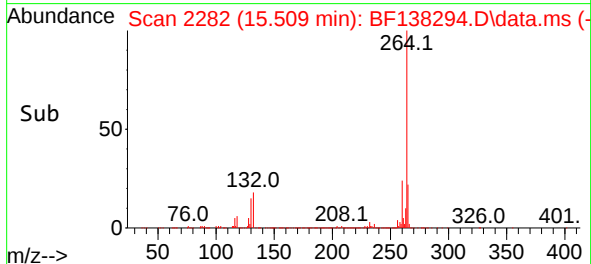
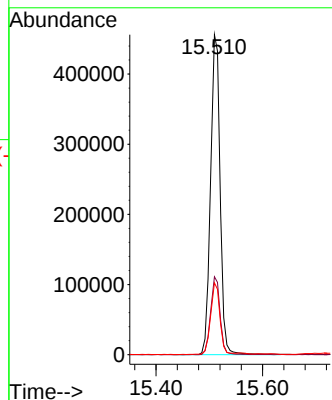
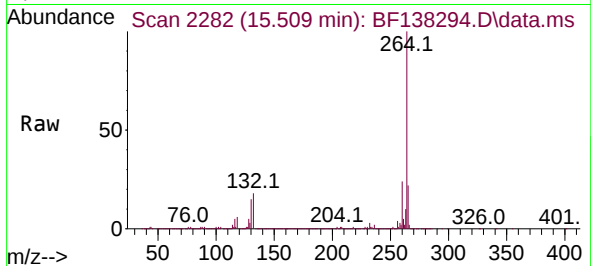
OSTL-A1

Tgt Ion:264 Resp: 566414
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 22.5 17.0 25.6

Manual Integrations

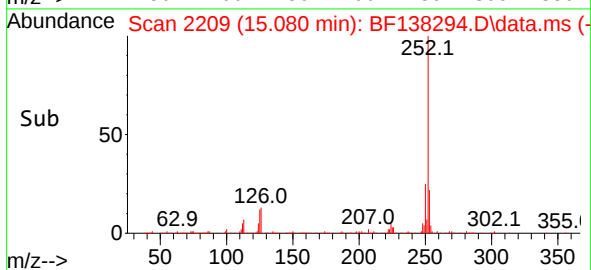
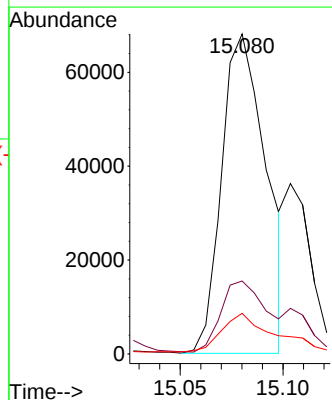
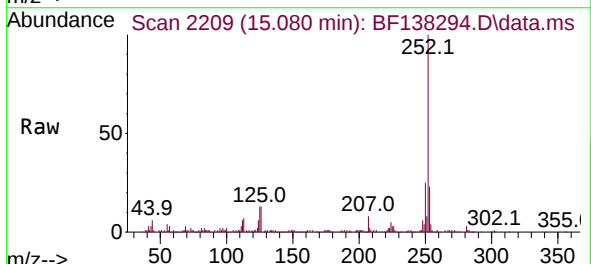
APPROVED

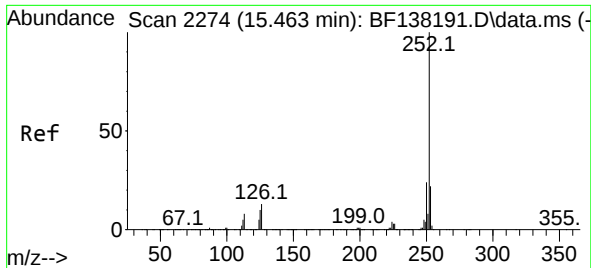
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#88
Benzo(b)fluoranthene
Concen: 3.061 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

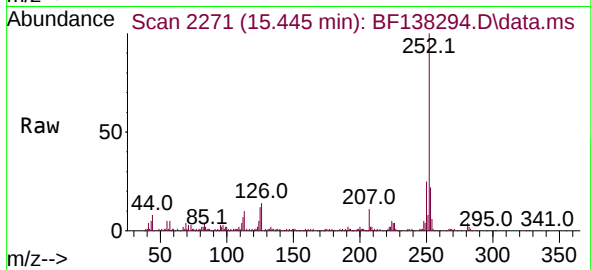
Tgt Ion:252 Resp: 102255
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.7 7.8 11.8#





#90
Benzo(a)pyrene
Concen: 2.161 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138294.D
Acq: 21 Jun 2024 19:35

Instrument :
BNA_F
ClientSampleId :
OSTL-A1



Tgt Ion:252 Resp: 62010
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 12.3 8.2 12.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

