

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138297.D
 Acq On : 21 Jun 2024 21:07
 Operator : CG\JU
 Sample : P2977-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C6

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 23:03:02 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	6.886	152	294133	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1094650	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	551665	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	758537	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	573127	20.000	ng	-0.01
86) Perylene-d12	15.509	264	561110	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1439546	81.872	ng	0.00
7) Phenol-d6	6.510	99	1753844	78.662	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1024678	54.495	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	377763	68.785	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1844614	53.170	ng	-0.01
79) Terphenyl-d14	12.986	244	1545510	42.710	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.615	202	141722	3.705	ng	95
78) Pyrene	12.845	202	123654	2.501	ng	98
83) Chrysene	14.062	228	78437	2.238	ng	98
88) Benzo(b)fluoranthene	15.080	252	112963m	3.414	ng	
90) Benzo(a)pyrene	15.445	252	65137	2.291	ng	98

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

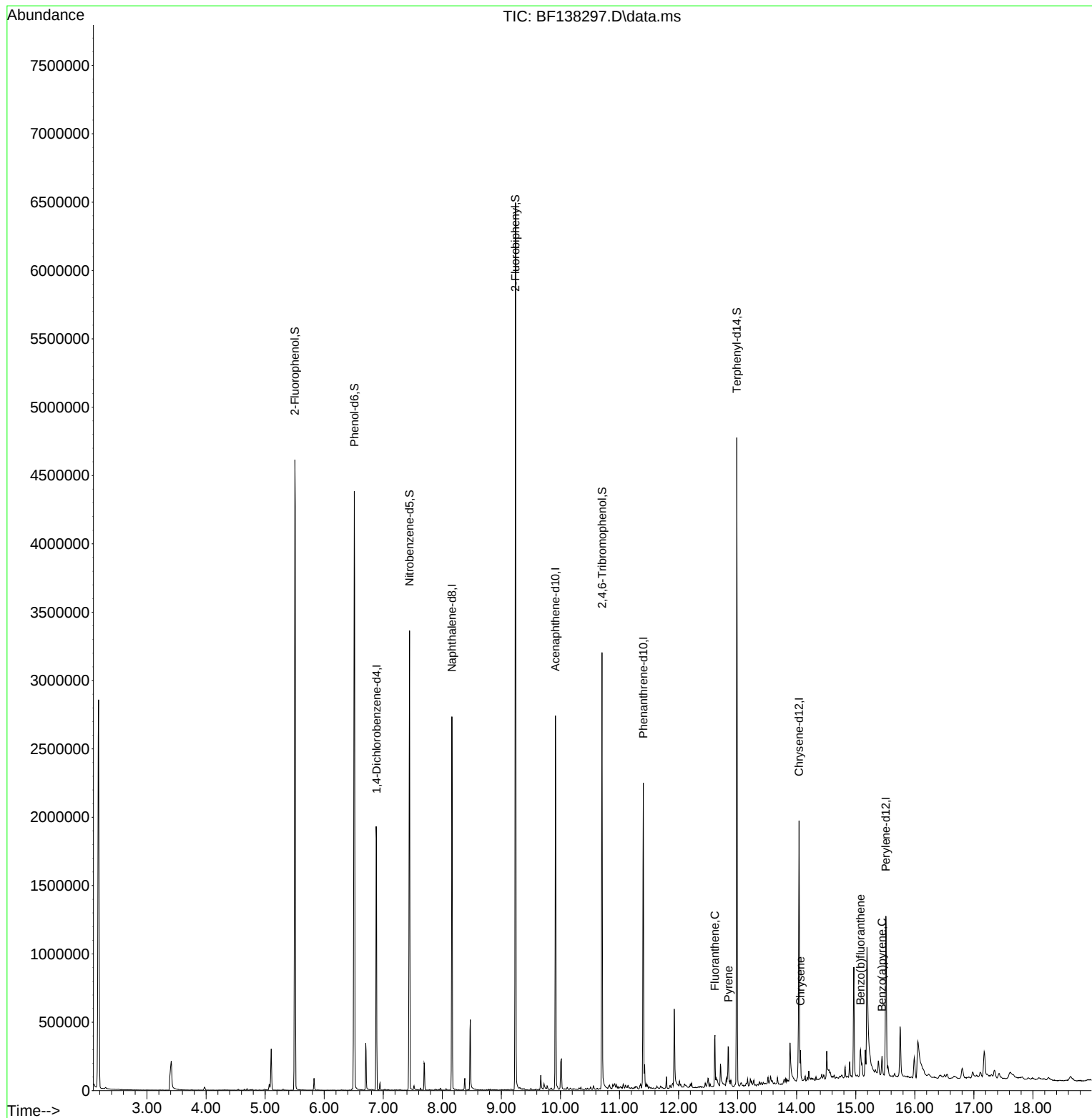
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138297.D
Acq On : 21 Jun 2024 21:07
Operator : CG\JU
Sample : P2977-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

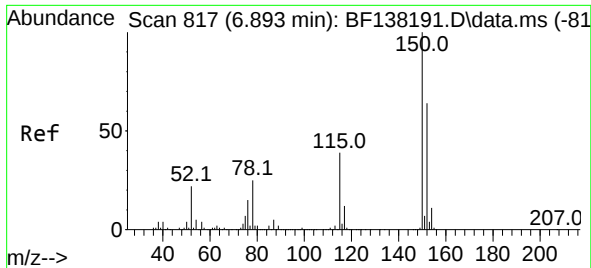
Instrument :
BNA_F
ClientSampleId :
OSTL-C6

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Supervised By :mohammad ahmed 06/24/2024

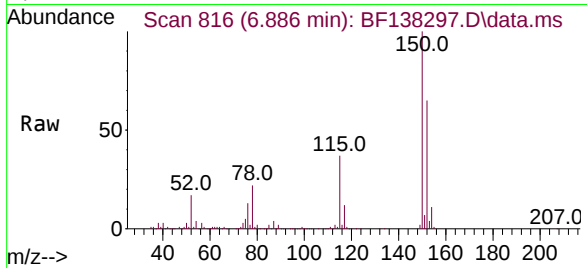
Quant Time: Jun 21 23:03:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

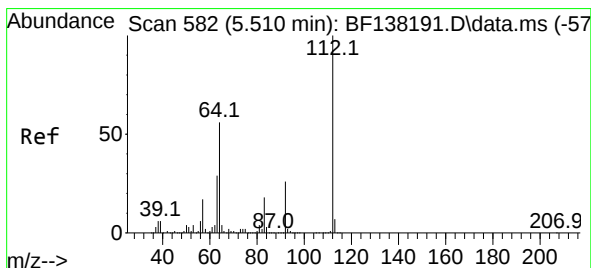
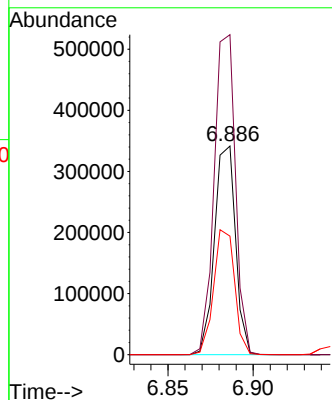
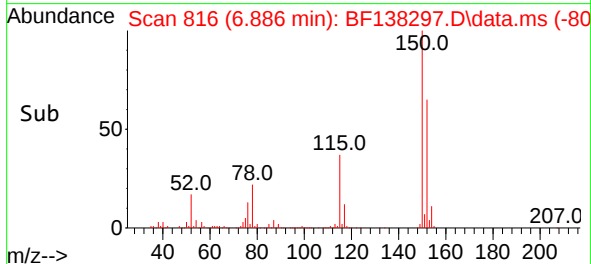
Instrument :
BNA_F
ClientSampleId :
OSTL-C6



Tgt Ion:152 Resp: 29413
Ion Ratio Lower Upper
152 100
150 153.4 125.0 187.4
115 56.9 48.4 72.6

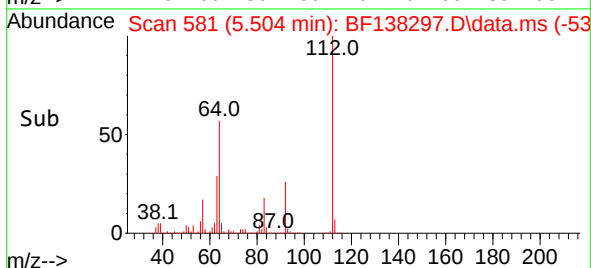
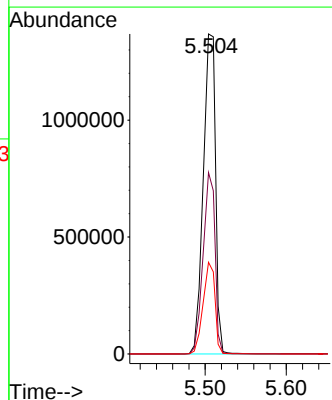
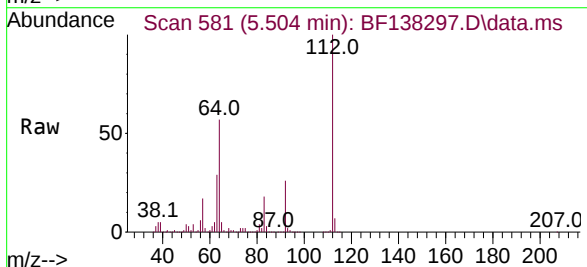
Manual Integrations
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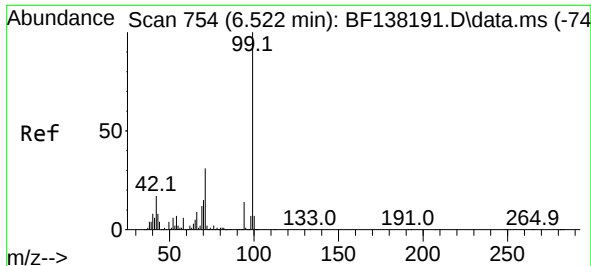
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#5
2-Fluorophenol
Concen: 81.872 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

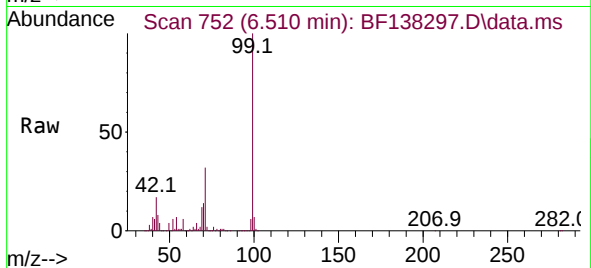
Tgt Ion:112 Resp: 1439546
Ion Ratio Lower Upper
112 100
64 56.7 45.2 67.8
63 28.6 22.9 34.3





#7
Phenol-d6
Concen: 78.662 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

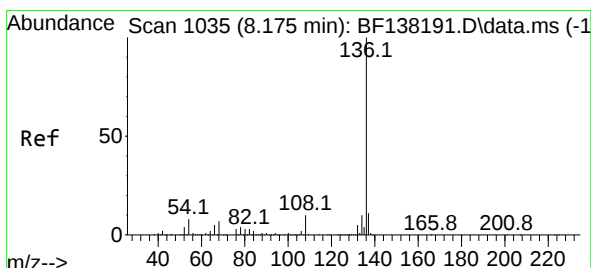
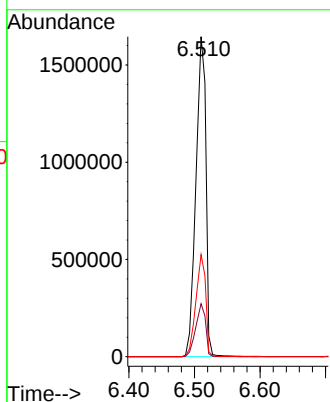
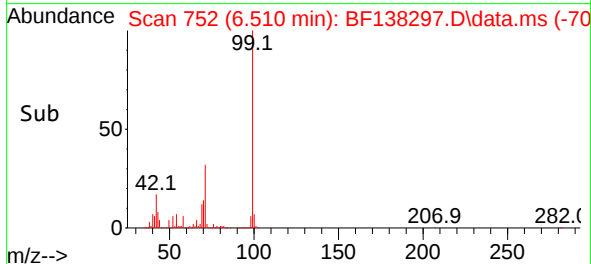
Instrument :
BNA_F
ClientSampleId :
OSTL-C6



Tgt Ion: 99 Resp: 175384
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 31.9 25.0 37.6

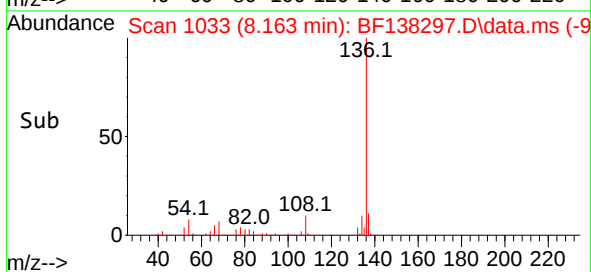
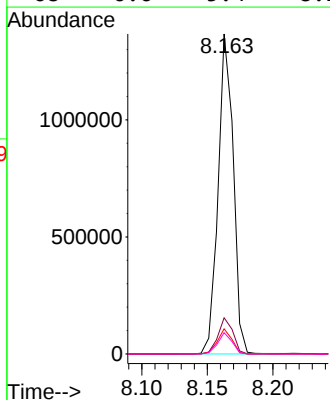
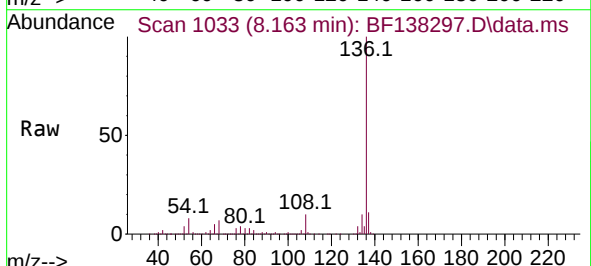
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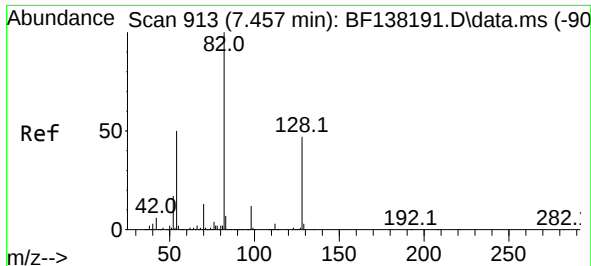
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

Tgt Ion:136 Resp: 1094650
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.6 10.0
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 54.495 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138297.D

Acq: 21 Jun 2024 21:07

Instrument :

BNA_F

ClientSampleId :

OSTL-C6

Tgt Ion: 82 Resp: 1024678

Ion Ratio Lower Upper

82 100

128 48.4 37.2 55.8

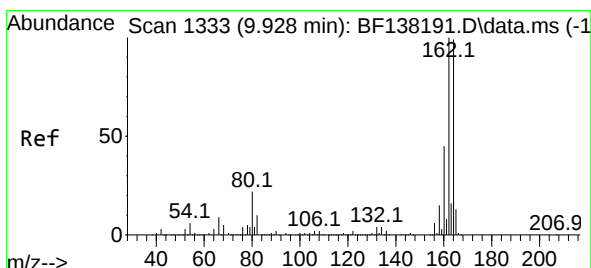
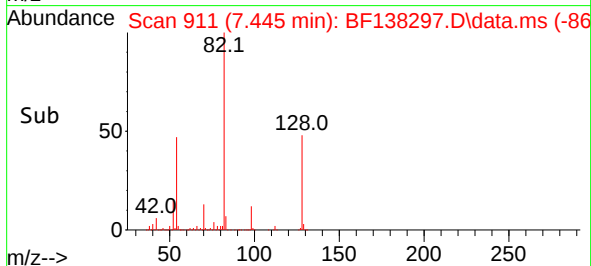
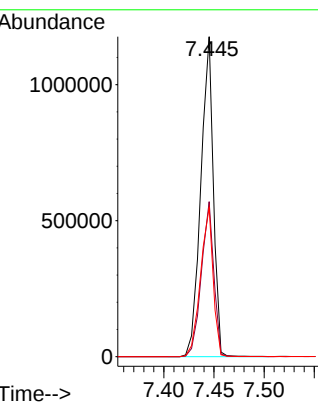
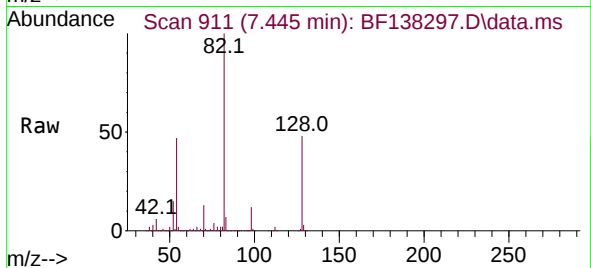
54 46.7 39.8 59.6

Manual Integrations

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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: BF138297.D

Acq: 21 Jun 2024 21:07

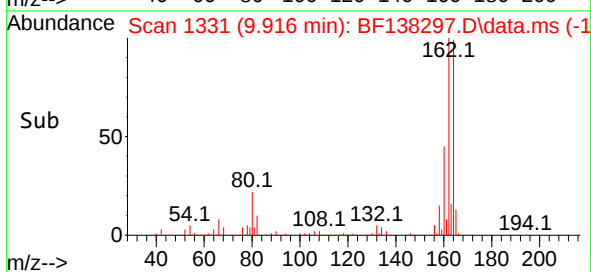
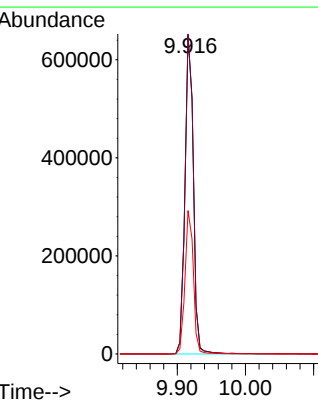
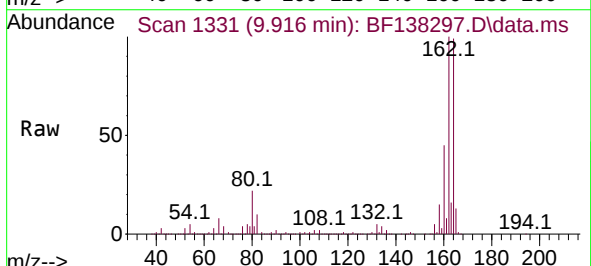
Tgt Ion:164 Resp: 551665

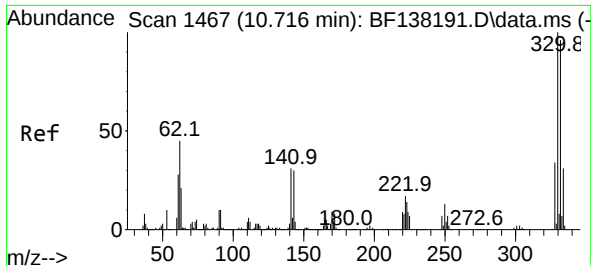
Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

160 45.1 36.3 54.5





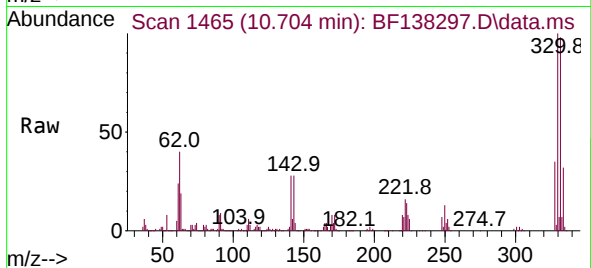
#42
2,4,6-Tribromophenol
Concen: 68.785 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

Instrument :

BNA_F

ClientSampleId :

OSTL-C6



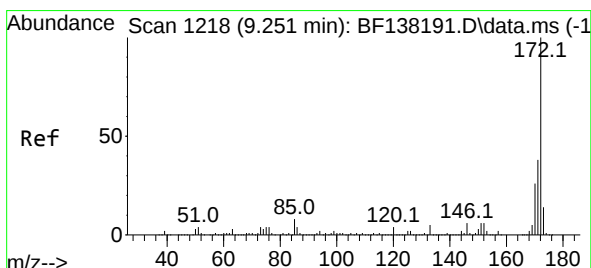
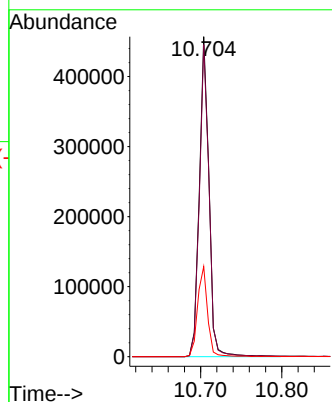
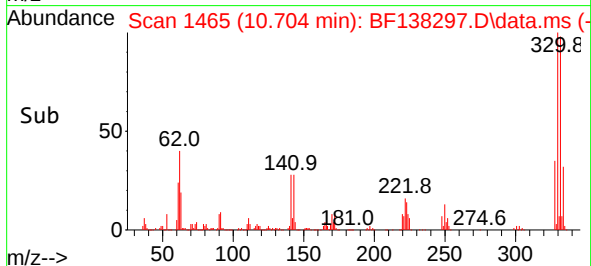
Tgt Ion:330 Resp: 37776
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 29.4 23.9 35.9

Manual Integrations

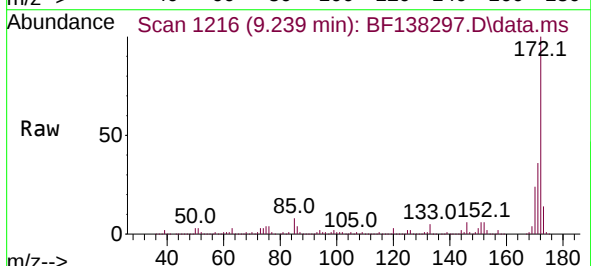
APPROVED

Reviewed By :Yogesh Patel 06/24/2024

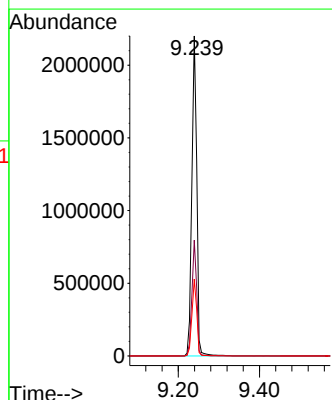
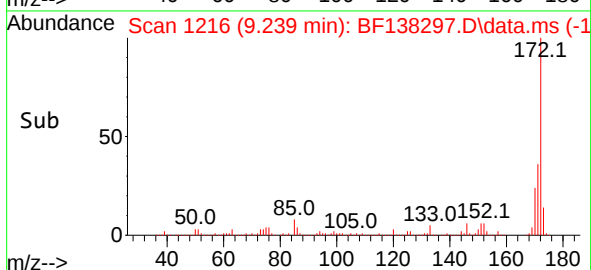
Supervised By :mohammad ahmed 06/24/2024

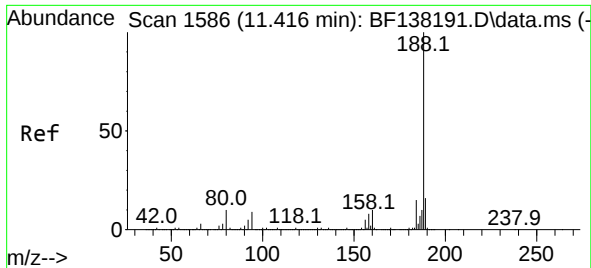


#45
2-Fluorobiphenyl
Concen: 53.170 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07



Tgt Ion:172 Resp: 1844614
Ion Ratio Lower Upper
172 100
171 36.2 30.3 45.5
170 24.1 20.6 30.8





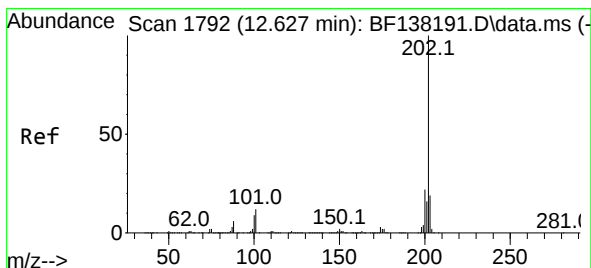
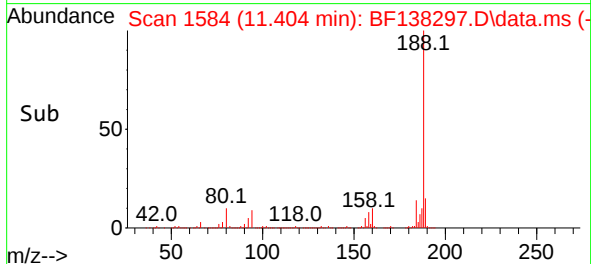
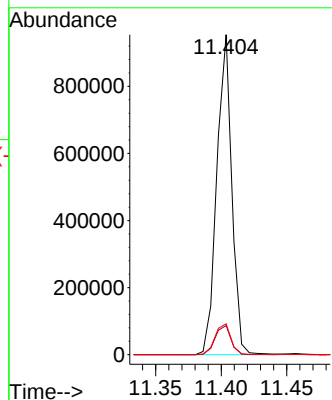
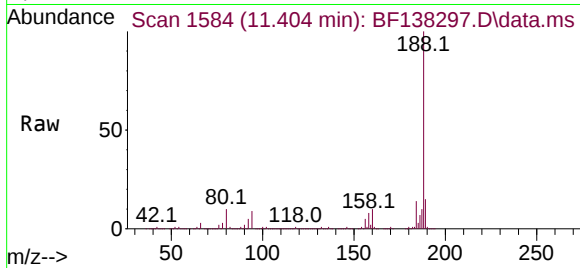
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

Instrument :
BNA_F
ClientSampleId :
OSTL-C6

Tgt Ion:188 Resp: 75853
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.6 8.1 12.1

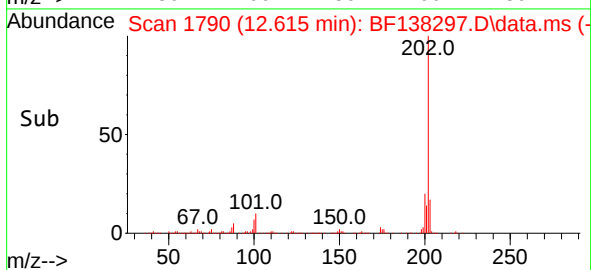
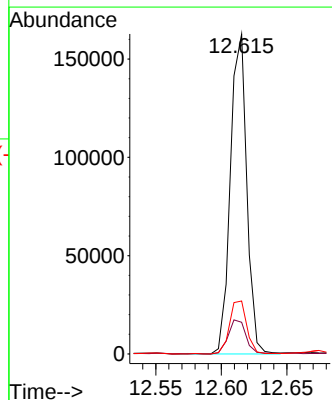
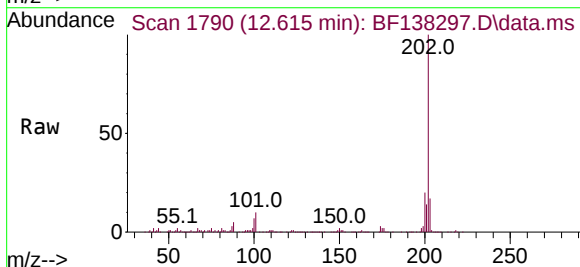
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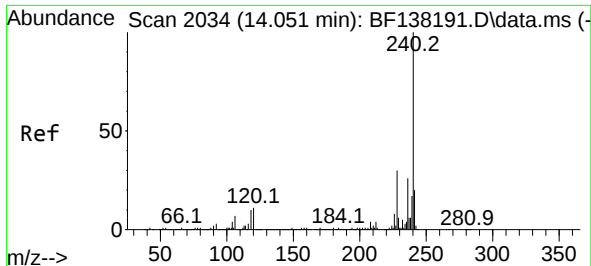
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#75
Fluoranthene
Concen: 3.705 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

Tgt Ion:202 Resp: 141722
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.8
203 16.6 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: BF138297.D
Acq: 21 Jun 2024 21:07

Instrument :

BNA_F

ClientSampleId :

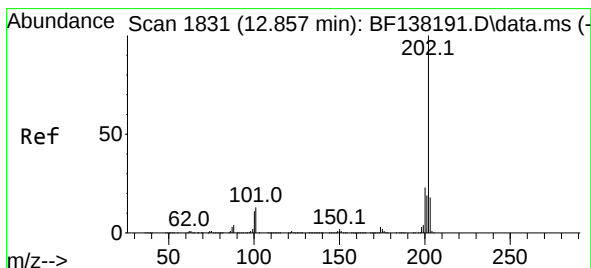
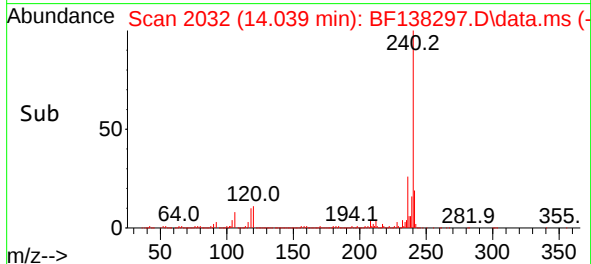
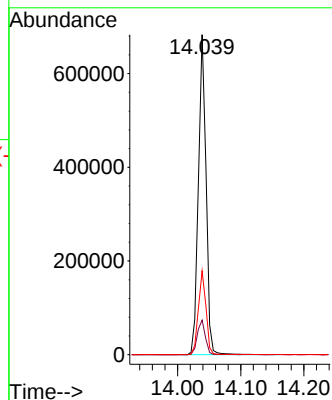
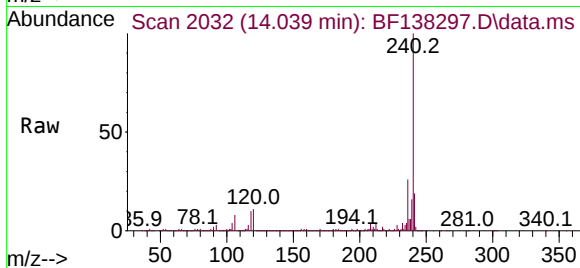
OSTL-C6

Tgt Ion:240 Resp: 57312
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.2 21.0 31.6

Manual Integrations

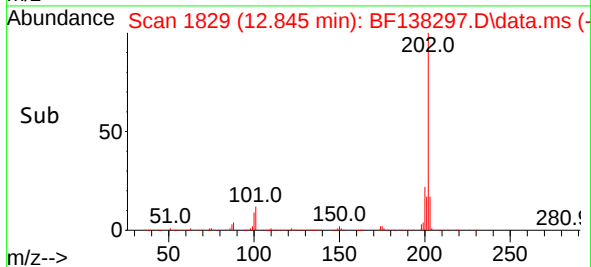
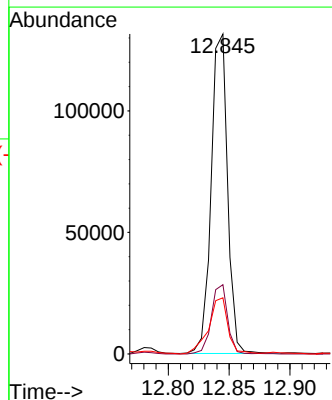
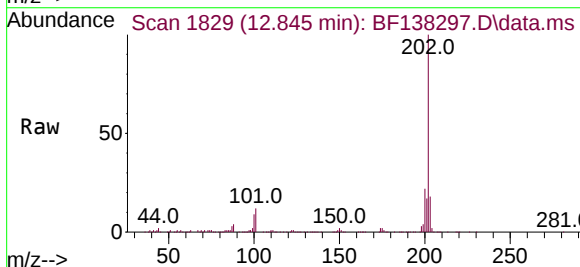
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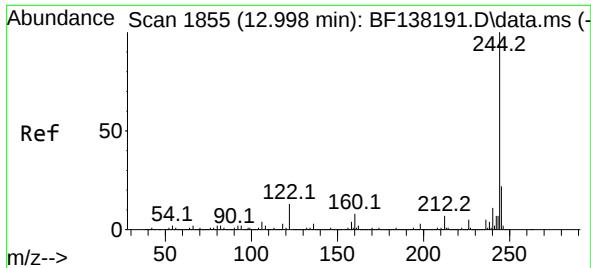
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#78
Pyrene
Concen: 2.501 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

Tgt Ion:202 Resp: 123654
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 17.5 14.7 22.1





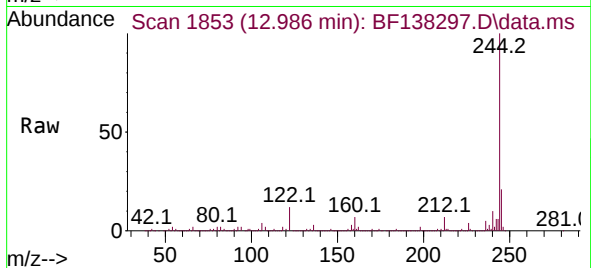
#79
 Terphenyl-d14
 Concen: 42.710 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138297.D
 Acq: 21 Jun 2024 21:07

Instrument :

BNA_F

ClientSampleId :

OSTL-C6

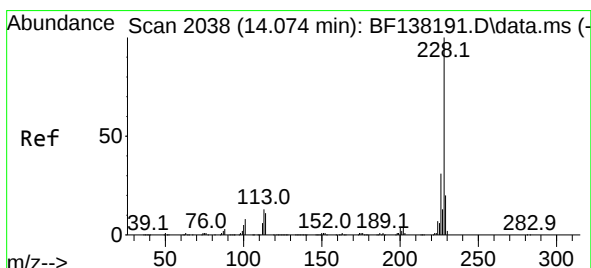
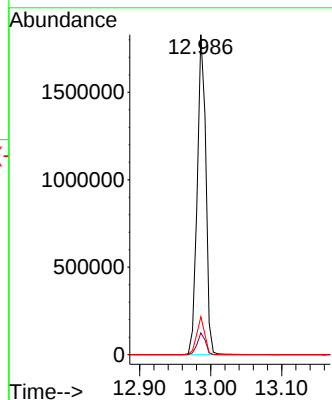
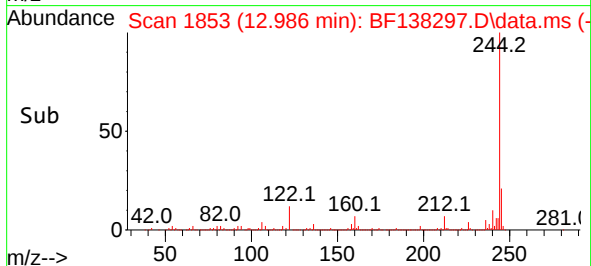


Tgt Ion:244 Resp: 1545510
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.9 10.6 15.8

Manual Integrations

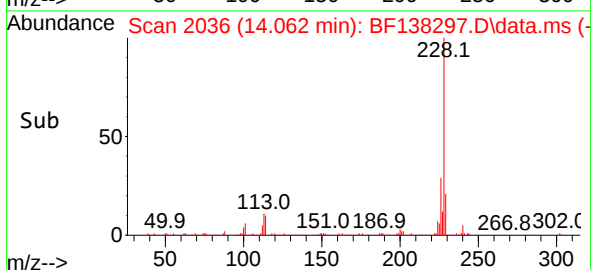
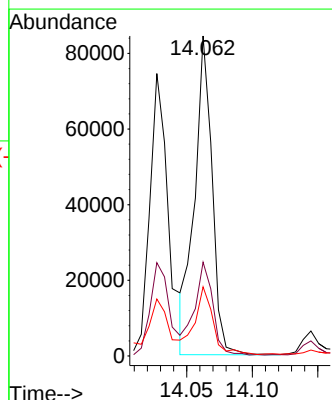
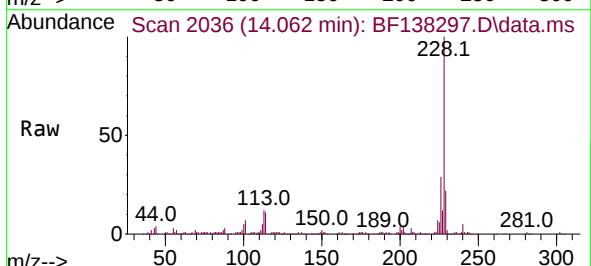
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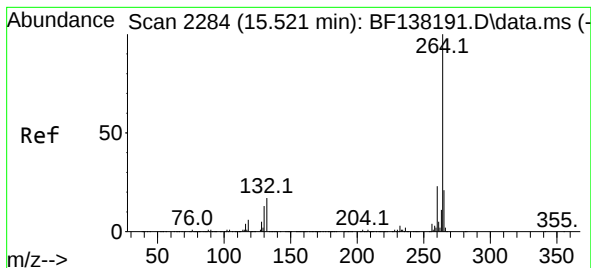
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024



#83
 Chrysene
 Concen: 2.238 ng
 RT: 14.062 min Scan# 2036
 Delta R.T. -0.012 min
 Lab File: BF138297.D
 Acq: 21 Jun 2024 21:07

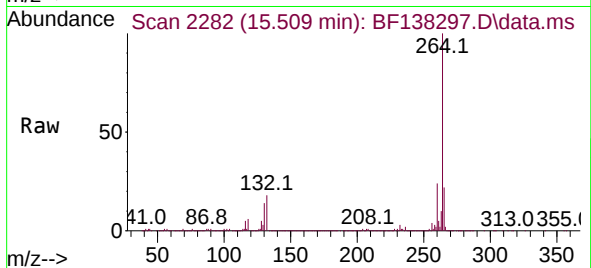
Tgt Ion:228 Resp: 78437
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.5 36.7
 229 21.6 16.3 24.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

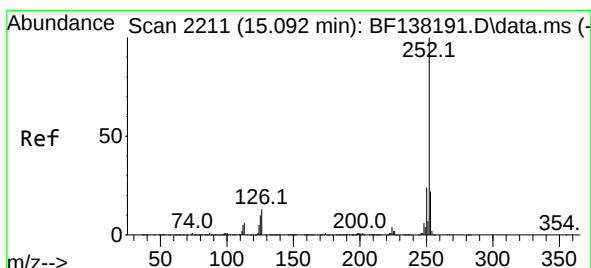
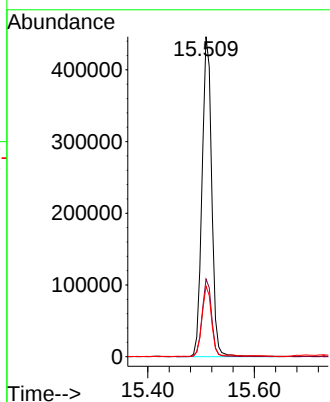
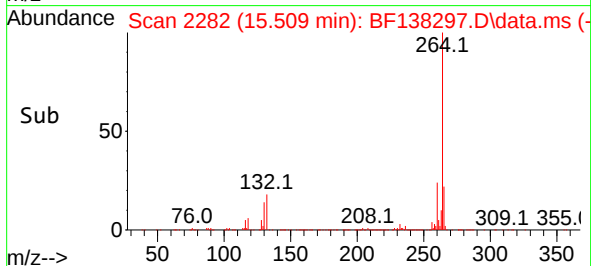
Instrument :
BNA_F
ClientSampleId :
OSTL-C6



Tgt Ion:264 Resp: 561110
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.0 17.0 25.6

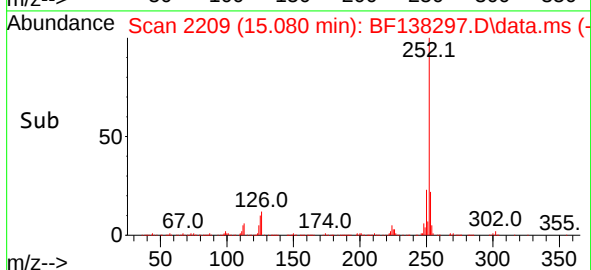
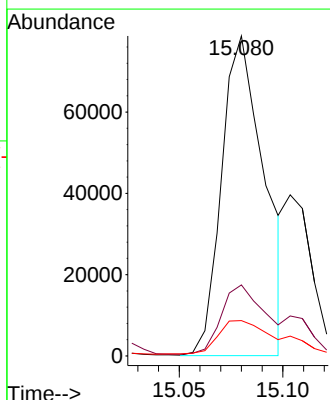
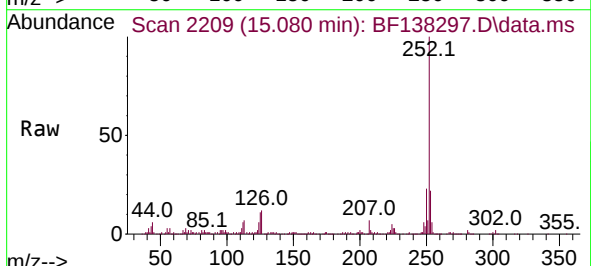
Manual Integrations
APPROVED

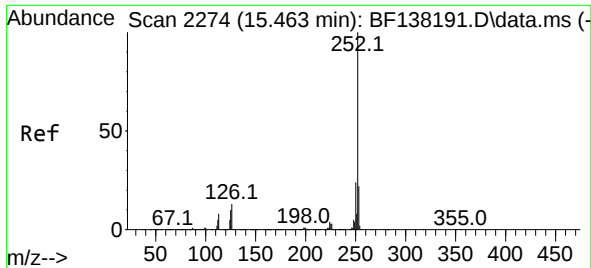
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#88
Benzo(b)fluoranthene
Concen: 3.414 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

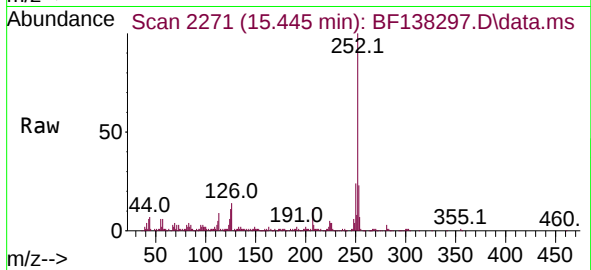
Tgt Ion:252 Resp: 112963
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.1 7.8 11.8





#90
Benzo(a)pyrene
Concen: 2.291 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138297.D
Acq: 21 Jun 2024 21:07

Instrument :
BNA_F
ClientSampleId :
OSTL-C6



Tgt Ion:252 Resp: 6513
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.3 8.2 12.2

Manual Integrations
APPROVED

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

