

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138414.D
 Acq On : 01 Jul 2024 20:34
 Operator : CG\JU
 Sample : P3076-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-W-1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

Quant Time: Jul 02 01:16:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	193270	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	712949	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	308297	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	412740	20.000	ng	0.00
76) Chrysene-d12	14.027	240	364782	20.000	ng	0.00
86) Perylene-d12	15.492	264	277029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	948524	81.368	ng	0.00
7) Phenol-d6	6.510	99	1221114	77.761	ng	0.00
23) Nitrobenzene-d5	7.434	82	759767	55.359	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	169674	67.362	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1094837	56.516	ng	0.00
79) Terphenyl-d14	12.974	244	888557	33.381	ng	0.00
Target Compounds						
71) Phenanthrene	11.416	178	56867	2.822	ng	96
75) Fluoranthene	12.604	202	87302	4.832	ng	98
78) Pyrene	12.827	202	82618	2.119	ng	97
88) Benzo(b)fluoranthene	15.062	252	36055m	2.372	ng	

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

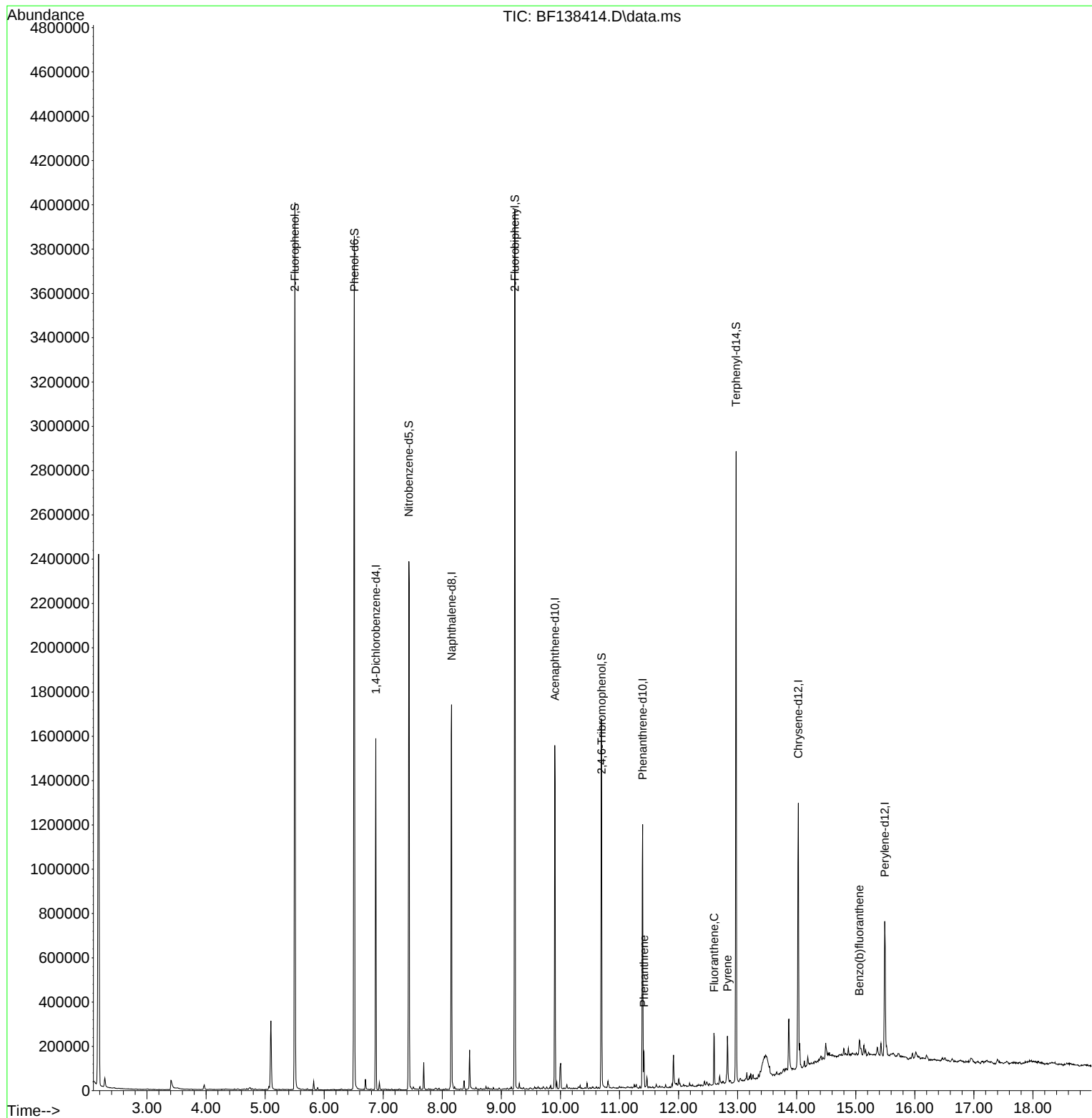
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138414.D
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Operator : CG\JU
Sample : P3076-04
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ALS Vial : 21 Sample Multiplier: 1

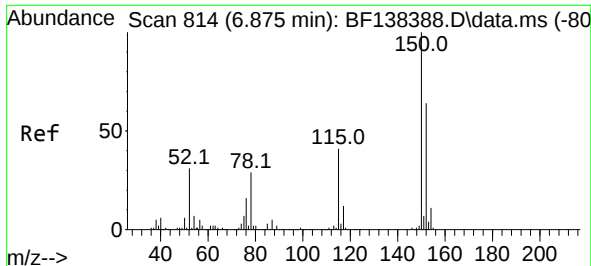
Instrument :
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ClientSampleId :
7-W-1

Quant Time: Jul 02 01:16:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
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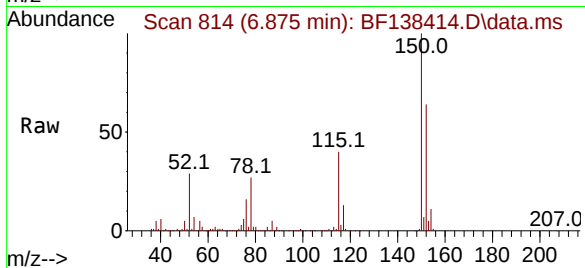
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

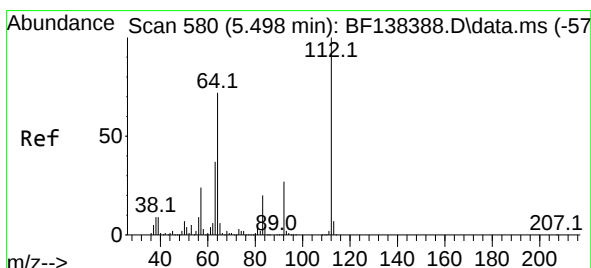
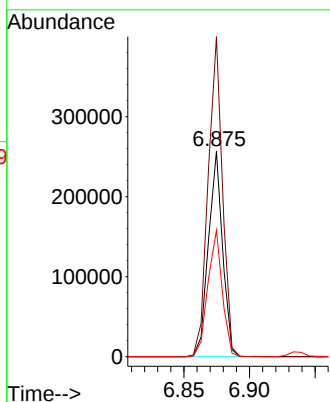
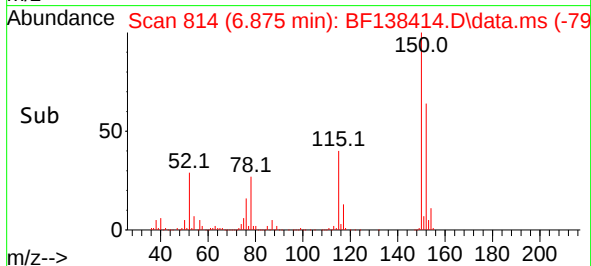
Instrument :
BNA_F
ClientSampleId :
7-W-1



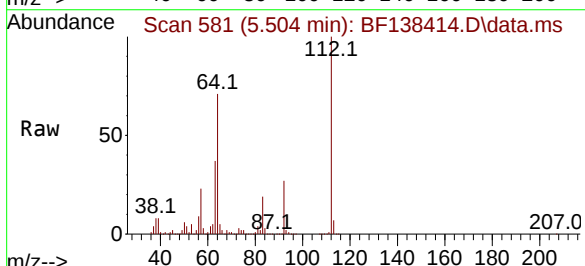
Tgt Ion:152 Resp: 193270
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 61.6 50.8 76.2

Manual Integrations
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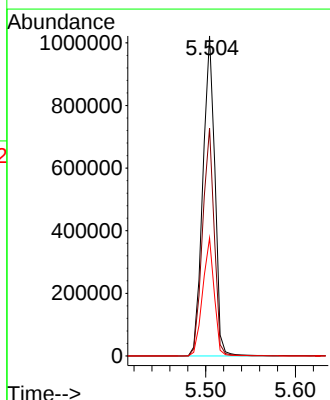
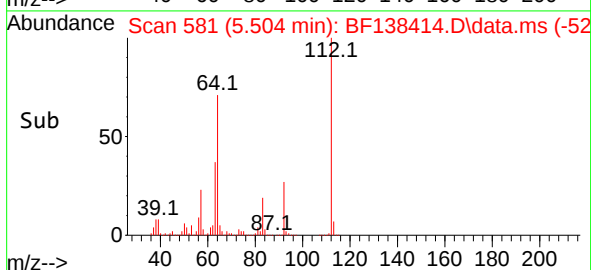
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024

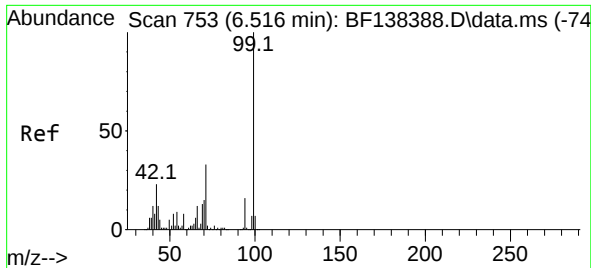


#5
2-Fluorophenol
Concen: 81.368 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34



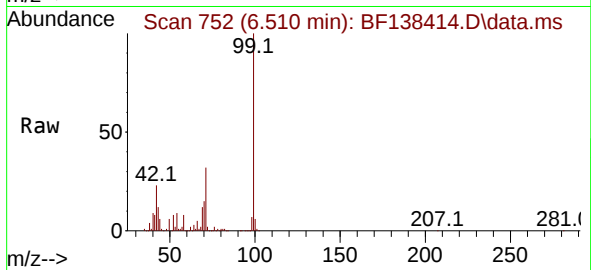
Tgt Ion:112 Resp: 948524
Ion Ratio Lower Upper
112 100
64 71.2 57.2 85.8
63 36.9 29.4 44.0





#7
Phenol-d6
Concen: 77.761 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

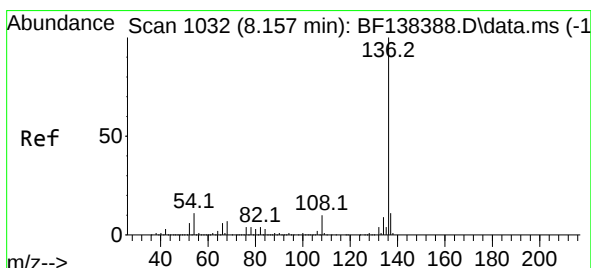
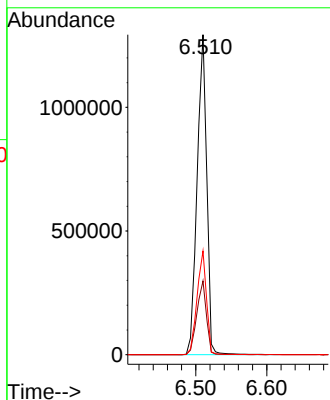
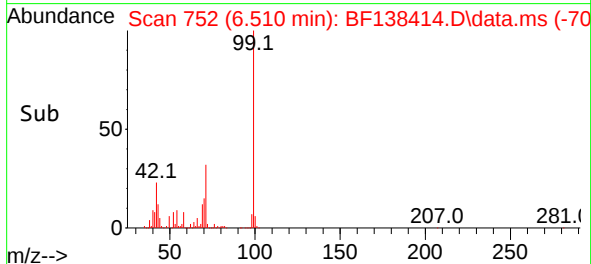
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion: 99 Resp: 1221114
Ion Ratio Lower Upper
99 100
42 23.1 18.5 27.7
71 32.4 26.1 39.1

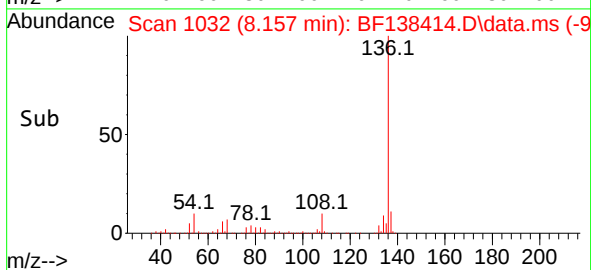
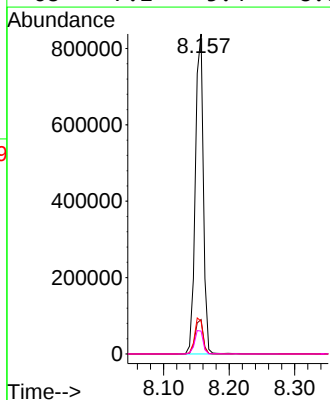
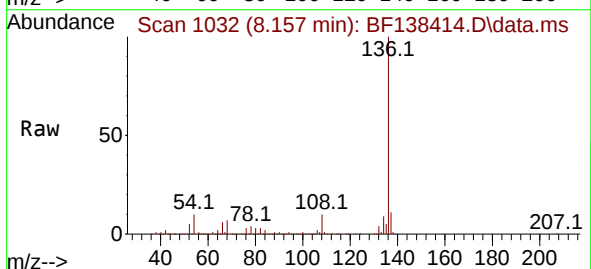
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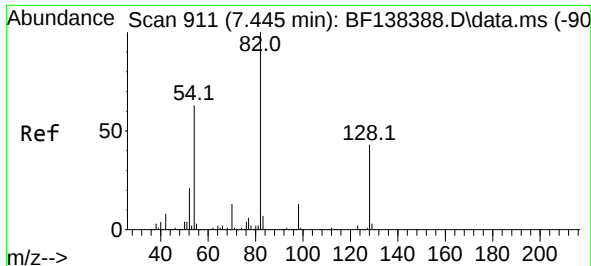
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

Tgt Ion:136 Resp: 712949
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 9.0 13.4
68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 55.359 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138414.D

Acq: 01 Jul 2024 20:34

Instrument :

BNA_F

ClientSampleId :

7-W-1

Tgt Ion: 82 Resp: 75976

Ion Ratio Lower Upper

82 100

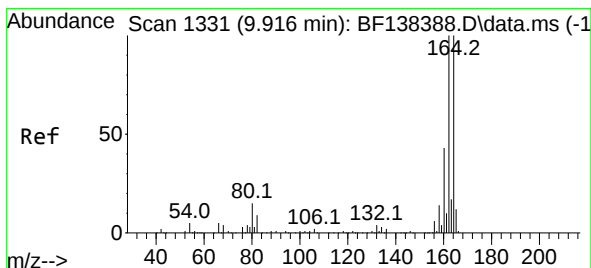
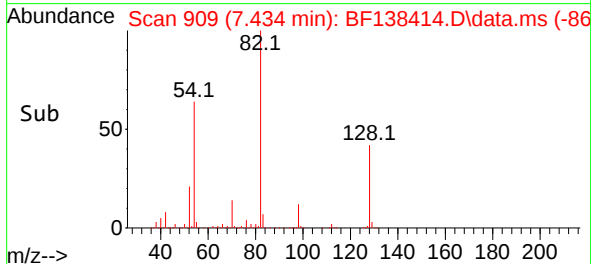
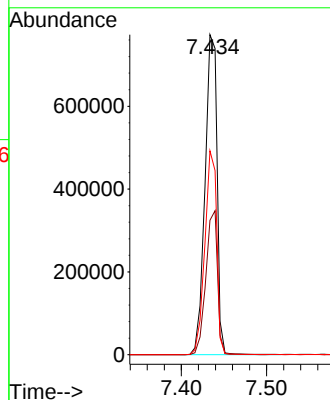
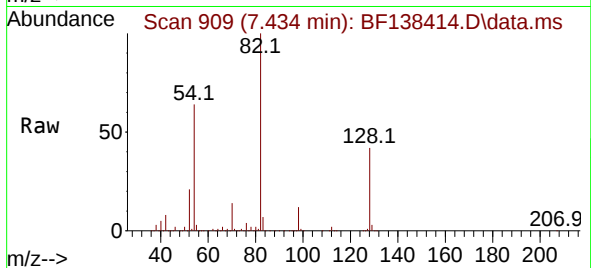
128 42.0 34.6 52.0

54 63.7 50.5 75.7

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF138414.D

Acq: 01 Jul 2024 20:34

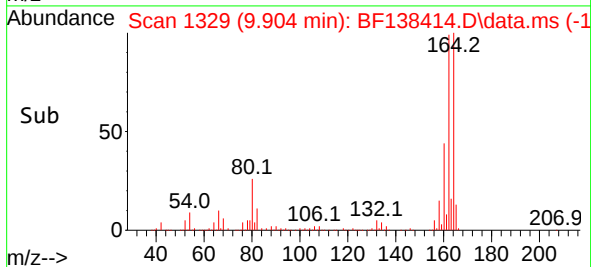
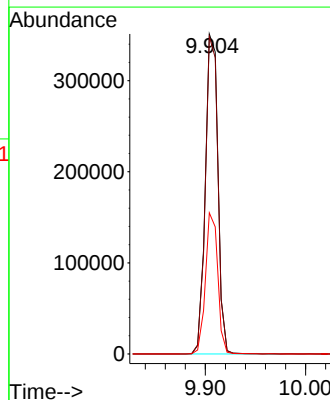
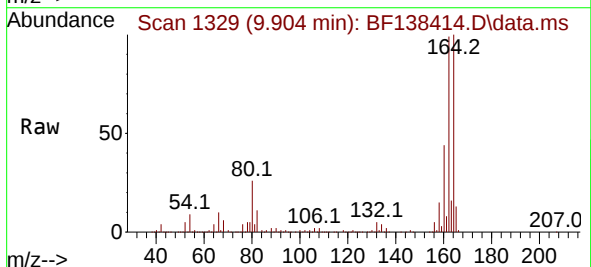
Tgt Ion:164 Resp: 308297

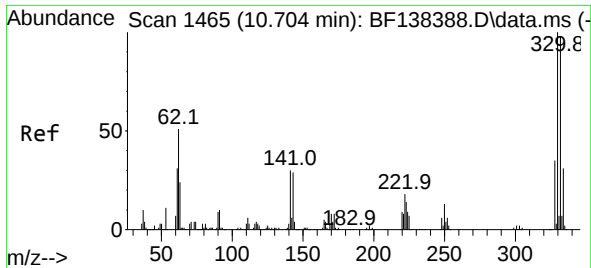
Ion Ratio Lower Upper

164 100

162 99.2 80.1 120.1

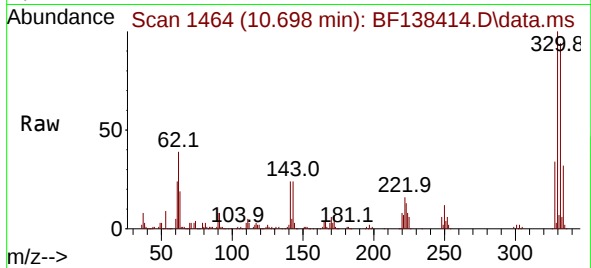
160 44.1 34.1 51.1





#42
2,4,6-Tribromophenol
Concen: 67.362 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

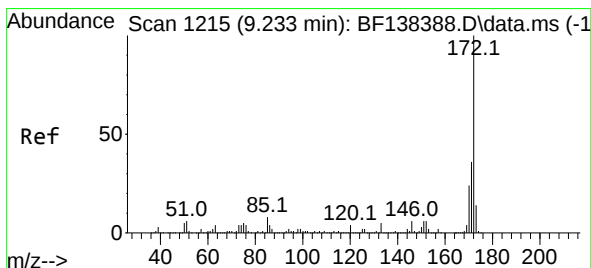
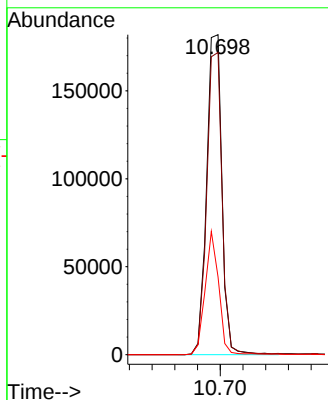
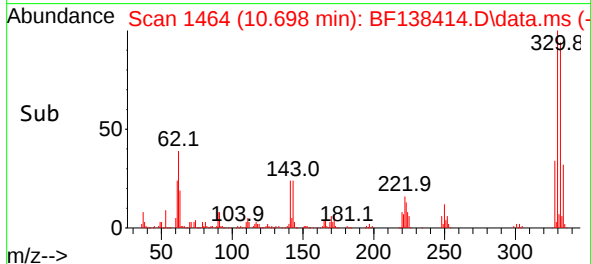
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion: 330 Resp: 169674
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 34.5 28.1 42.1

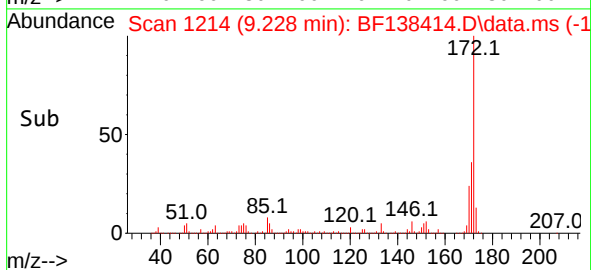
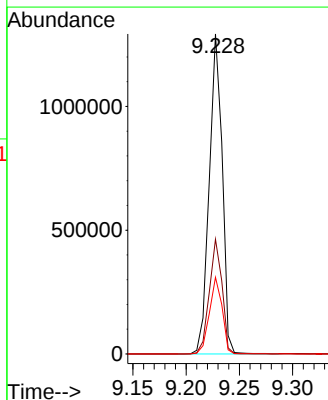
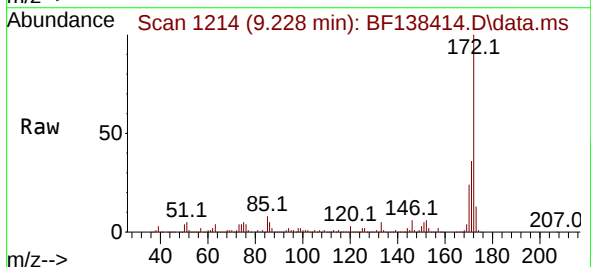
Manual Integrations
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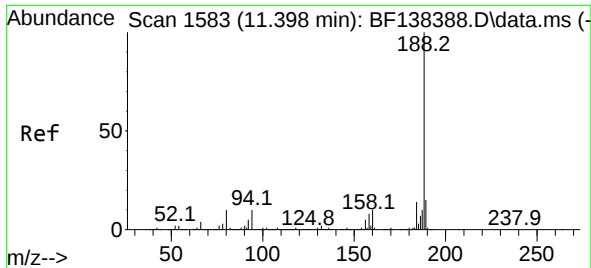
Reviewed By : Jagrut Upadhyay 07/02/2024
Supervised By : mohammad ahmed 07/03/2024



#45
2-Fluorobiphenyl
Concen: 56.516 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

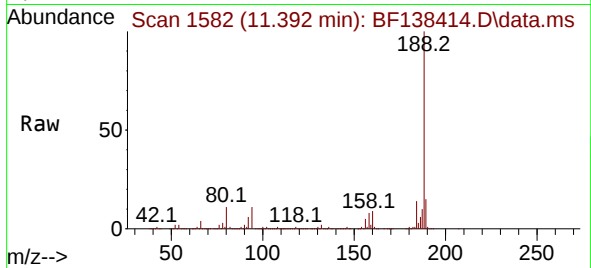
Tgt Ion: 172 Resp: 1094837
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.9 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

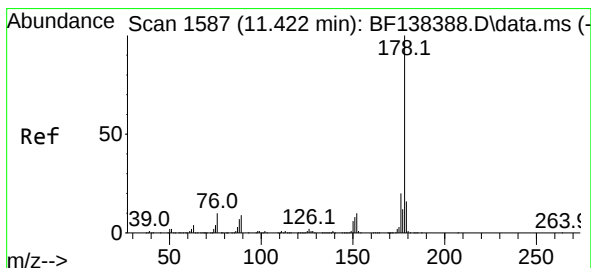
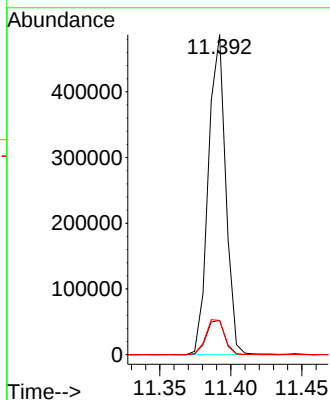
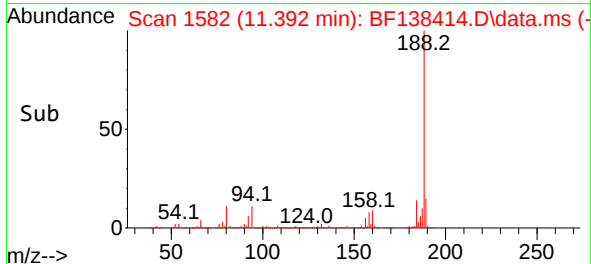
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion:188 Resp: 412740
Ion Ratio Lower Upper
188 100
94 10.7 8.0 12.0
80 10.7 8.2 12.4

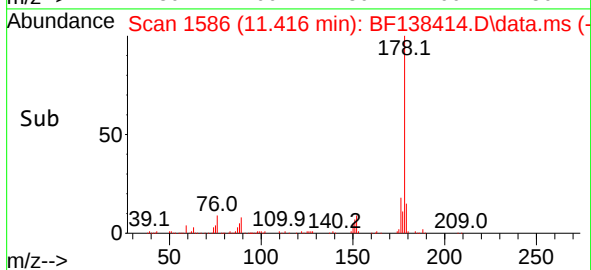
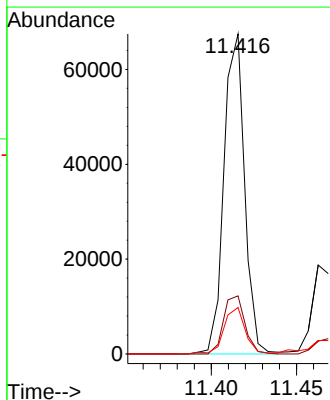
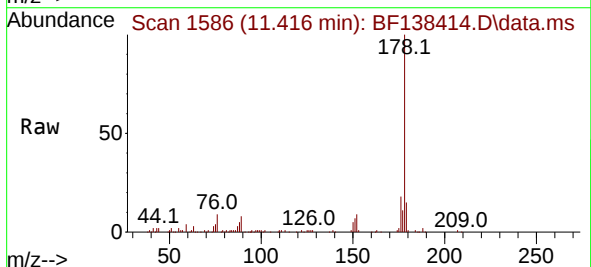
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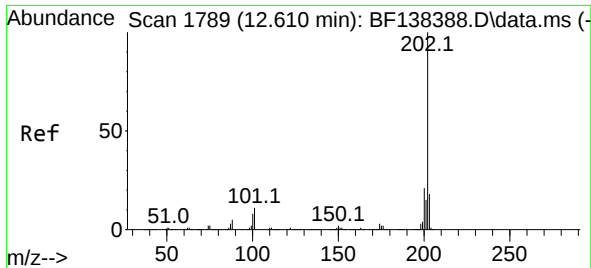
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#71
Phenanthrene
Concen: 2.822 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

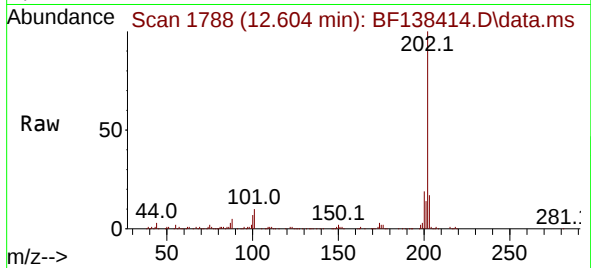
Tgt Ion:178 Resp: 56867
Ion Ratio Lower Upper
178 100
176 18.2 16.1 24.1
179 14.5 12.6 18.8





#75
Fluoranthene
Concen: 4.832 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

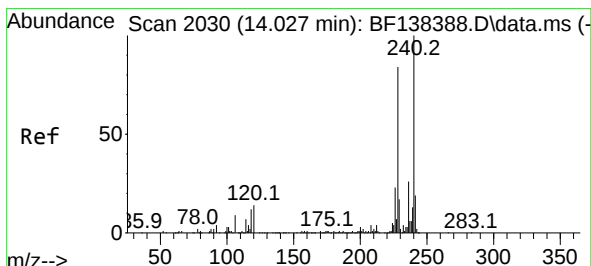
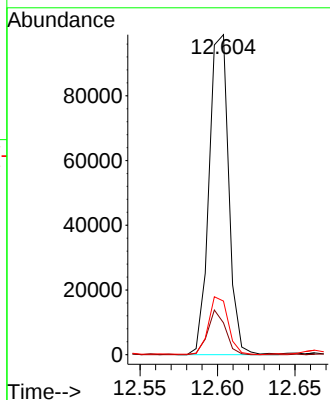
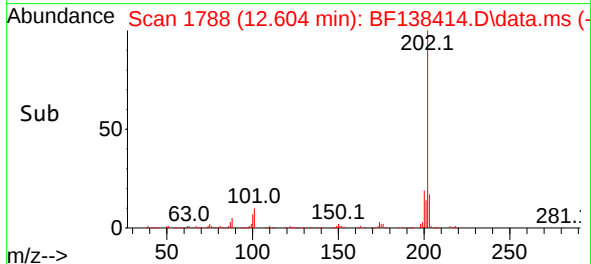
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion:202 Resp: 87302
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.5
203 16.8 0.0 37.6

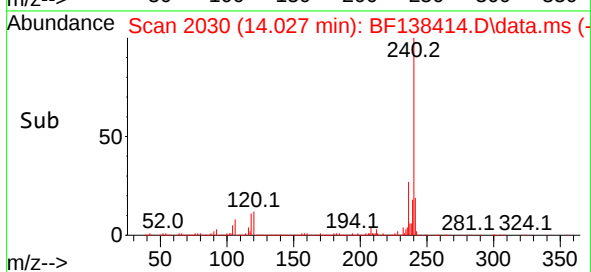
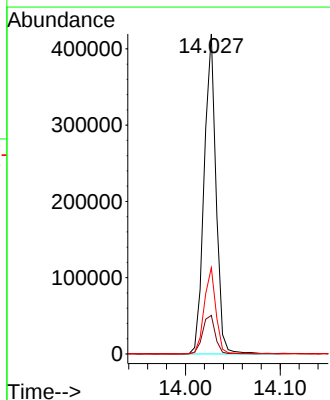
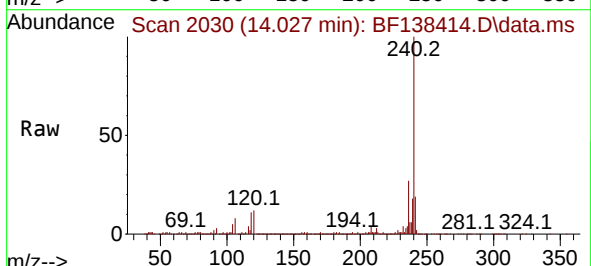
Manual Integrations
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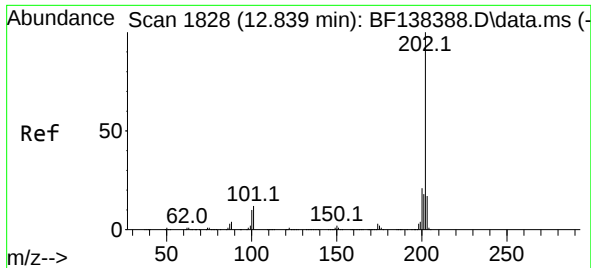
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

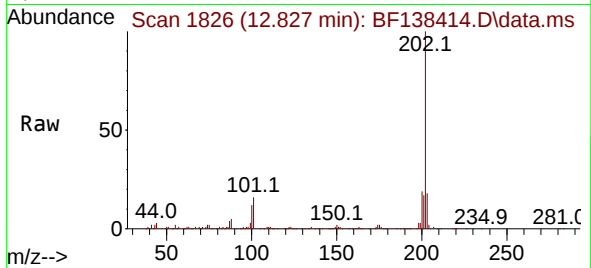
Tgt Ion:240 Resp: 364782
Ion Ratio Lower Upper
240 100
120 12.0 10.9 16.3
236 26.9 20.6 30.8





#78
Pyrene
Concen: 2.119 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

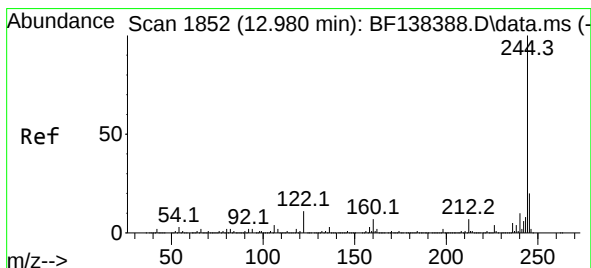
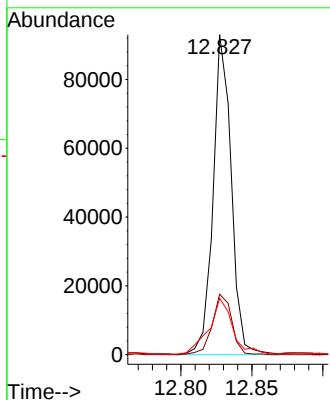
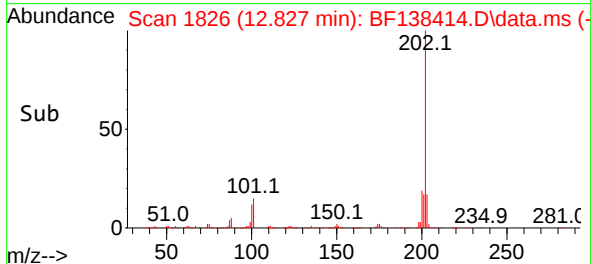
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion:202 Resp: 82618
Ion Ratio Lower Upper
202 100
200 18.9 16.9 25.3
203 17.7 13.8 20.8

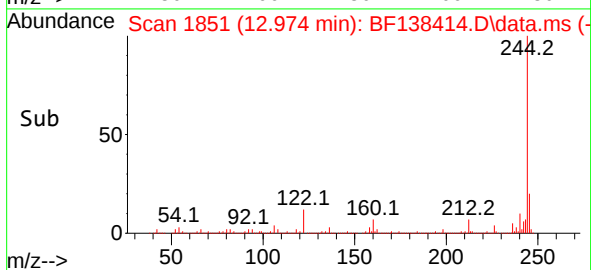
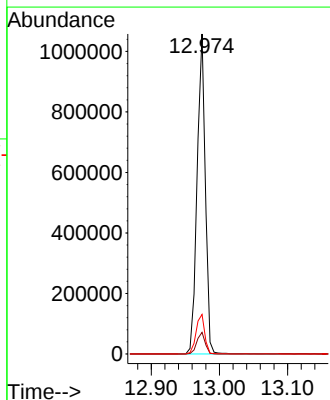
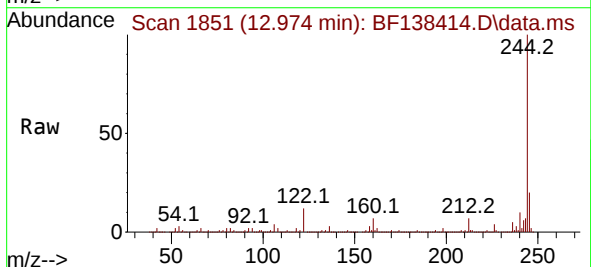
Manual Integrations
APPROVED

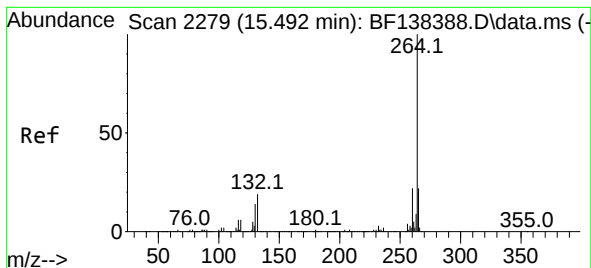
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#79
Terphenyl-d14
Concen: 33.381 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

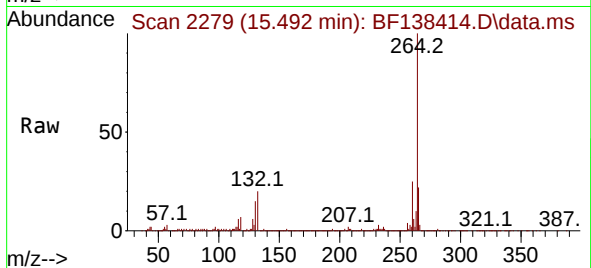
Tgt Ion:244 Resp: 888557
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 12.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

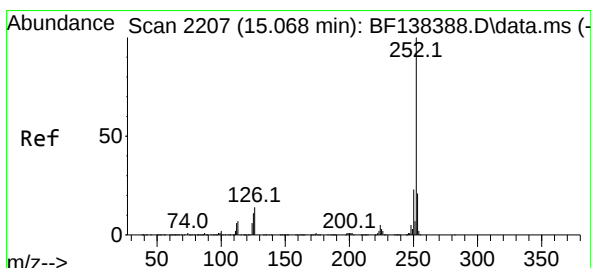
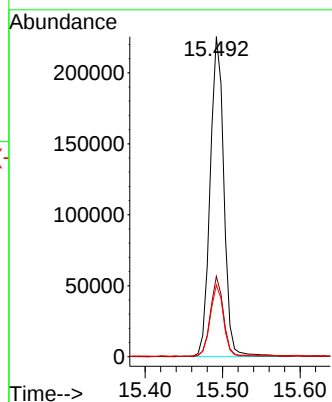
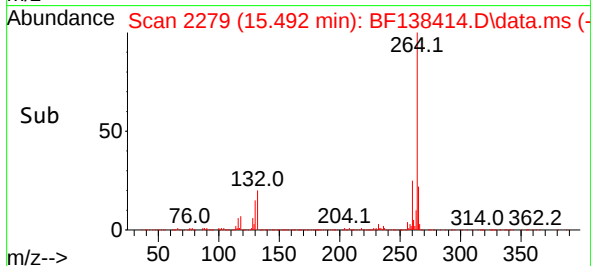
Instrument :
BNA_F
ClientSampleId :
7-W-1



Tgt Ion:264 Resp: 277029
Ion Ratio Lower Upper
264 100
260 25.1 17.8 26.6
265 22.4 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/03/2024



#88
Benzo(b)fluoranthene
Concen: 2.372 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF138414.D
Acq: 01 Jul 2024 20:34

Tgt Ion:252 Resp: 36055
Ion Ratio Lower Upper
252 100
253 26.4 17.0 25.4#
125 14.2 8.6 12.8#

