

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140044.D
 Acq On : 25 Oct 2024 18:21
 Operator : RC/JU
 Sample : P4472-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 22:42:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	99385	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	351142	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	156879	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244143	20.000	ng	0.00
76) Chrysene-d12	14.051	240	233048	20.000	ng	0.00
86) Perylene-d12	15.527	264	195759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	456147	71.851	ng	0.00
7) Phenol-d6	6.504	99	568204	69.105	ng	0.00
23) Nitrobenzene-d5	7.445	82	365054	57.619	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	106279	72.427	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	613899	64.673	ng	0.00
79) Terphenyl-d14	12.992	244	598366	41.838	ng	0.00
Target Compounds					Qvalue	
71) Phenanthrene	11.433	178	32955	2.858	ng	99
75) Fluoranthene	12.621	202	60032	5.149	ng	99
78) Pyrene	12.851	202	50652	2.483	ng	98
81) Benzo(a)anthracene	14.039	228	30690	2.023	ng	98
88) Benzo(b)fluoranthene	15.092	252	24716m	2.073	ng	

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

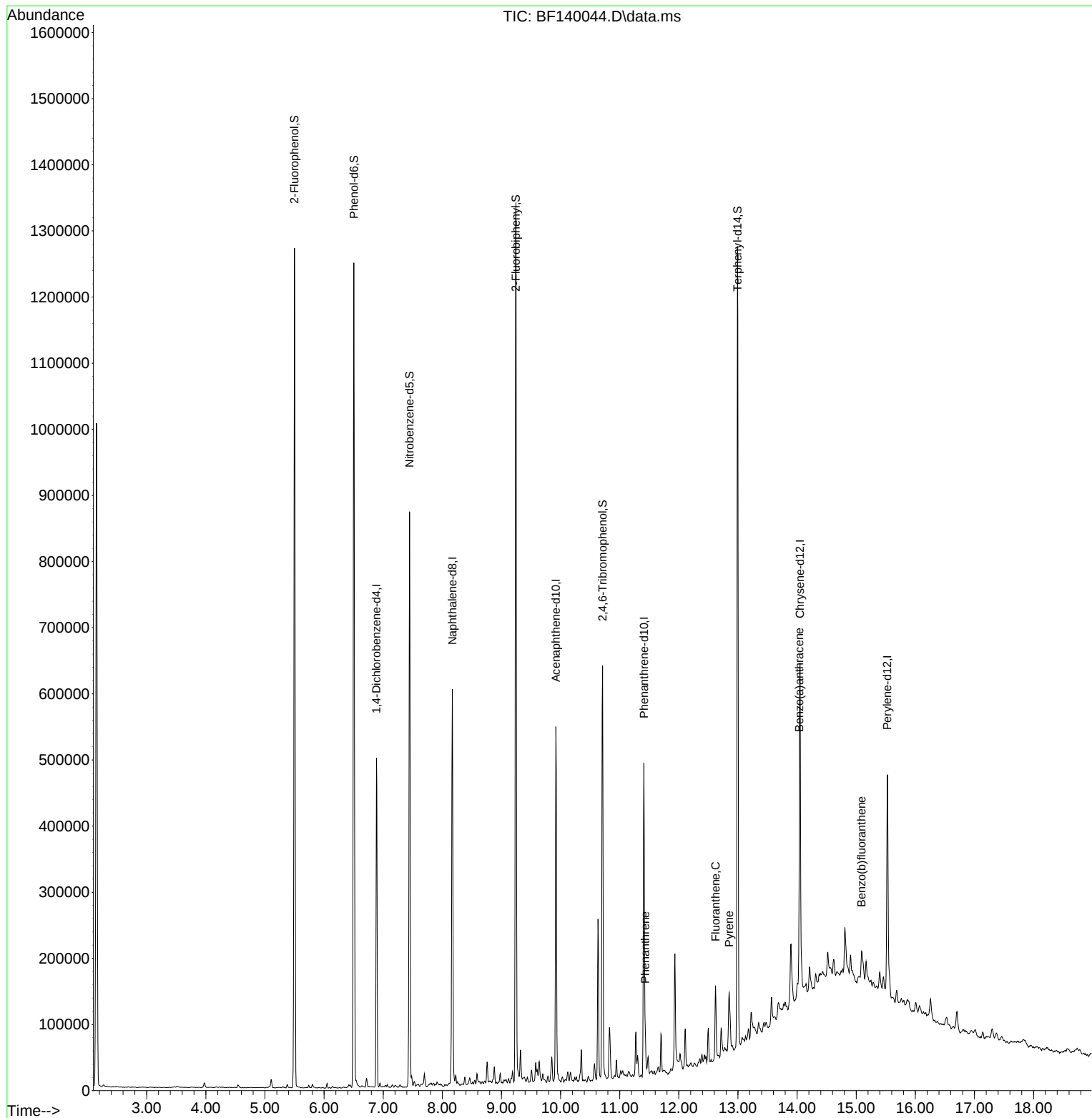
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140044.D
Acq On : 25 Oct 2024 18:21
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Sample : P4472-05
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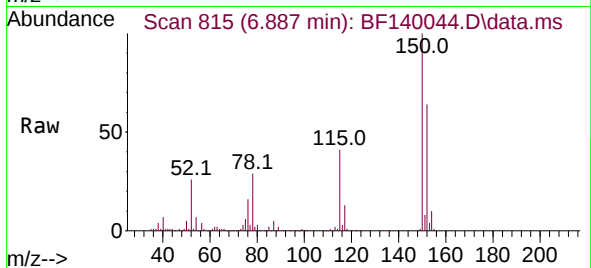
Quant Time: Oct 25 22:42:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

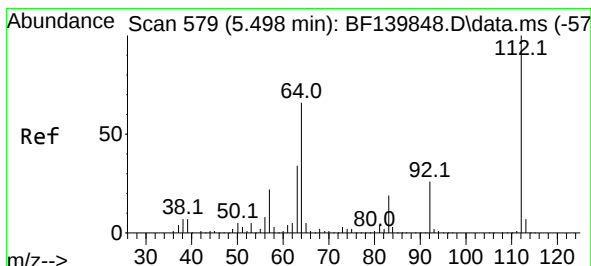
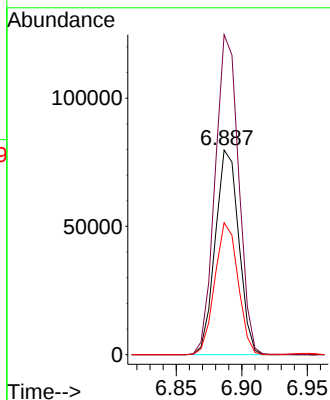
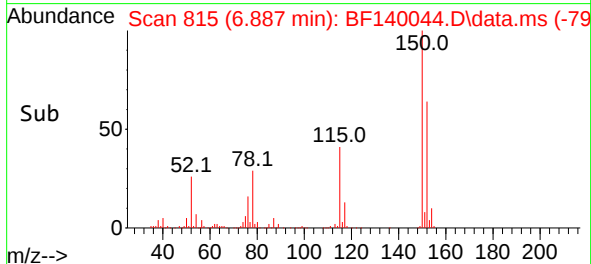
Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion:152 Resp: 99385
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 64.5 51.4 77.2

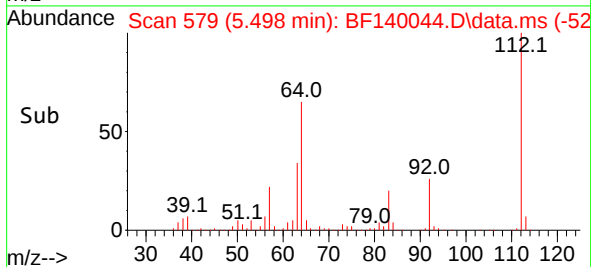
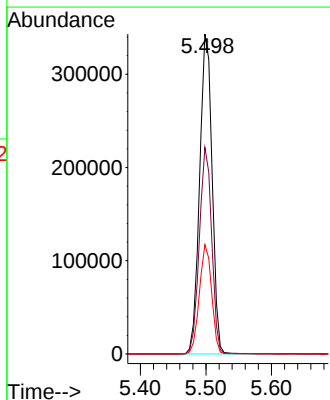
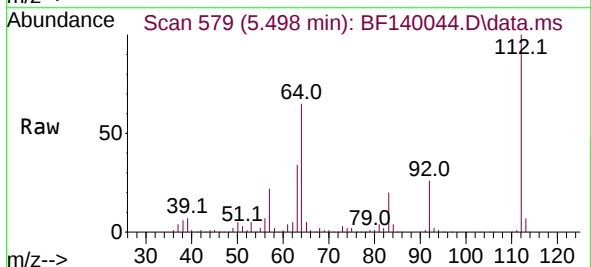
Manual Integrations
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Supervised By :mohammad ahmed 10/28/2024



#5
2-Fluorophenol
Concen: 71.851 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

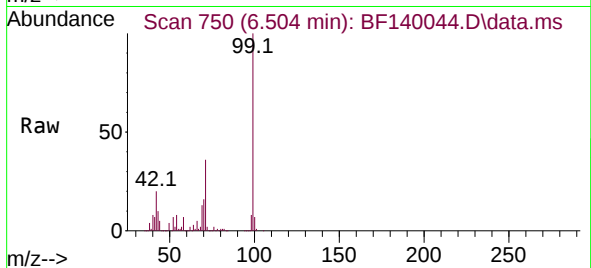
Tgt Ion:112 Resp: 456147
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.2 27.0 40.4





#7
Phenol-d6
Concen: 69.105 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

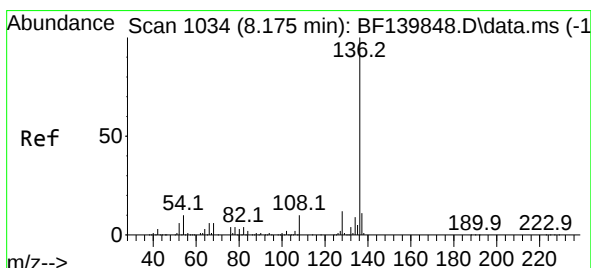
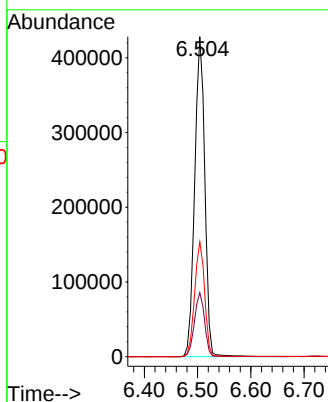
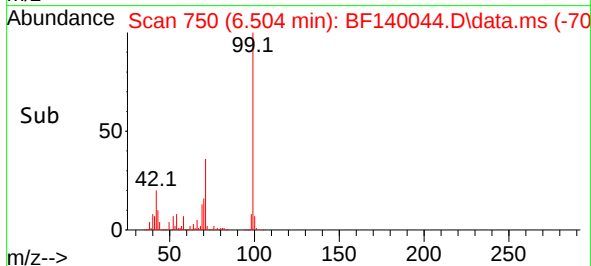
Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion: 99 Resp: 568204
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 35.9 27.7 41.5

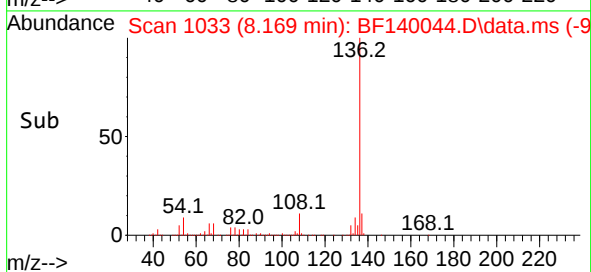
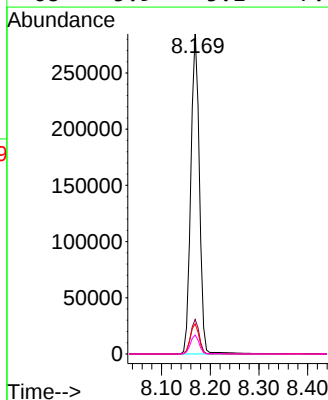
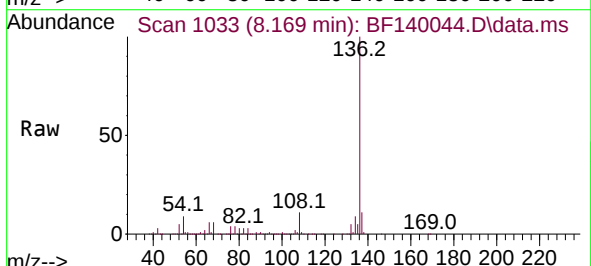
Manual Integrations
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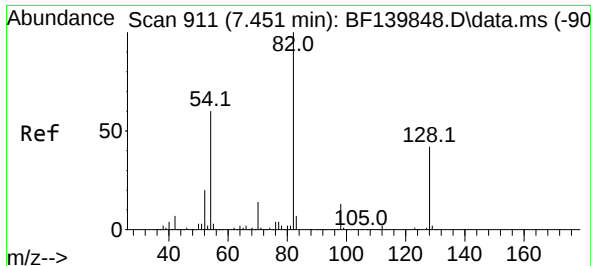
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

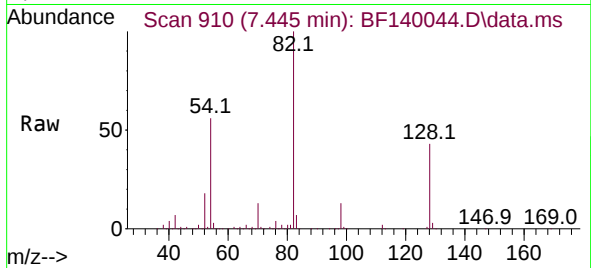
Tgt Ion:136 Resp: 351142
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.4 8.4 12.6
68 5.9 5.1 7.7





#23
Nitrobenzene-d5
Concen: 57.619 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

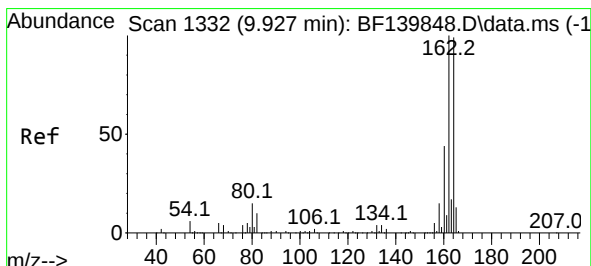
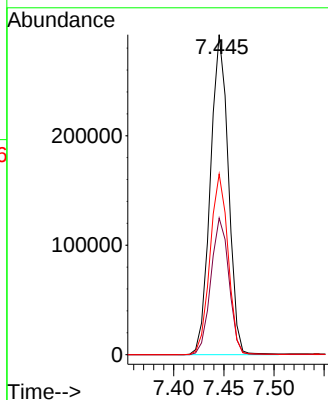
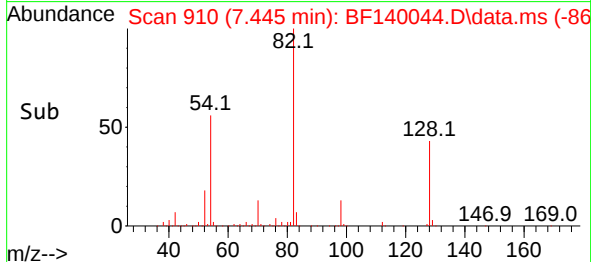
Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion: 82 Resp: 365054
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 56.5 47.8 71.8

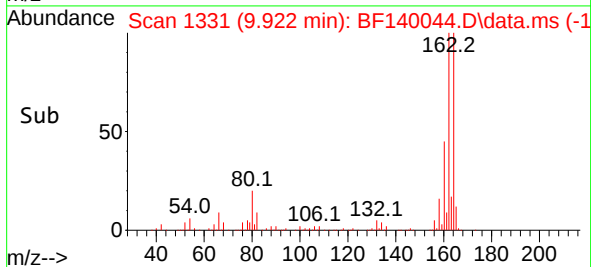
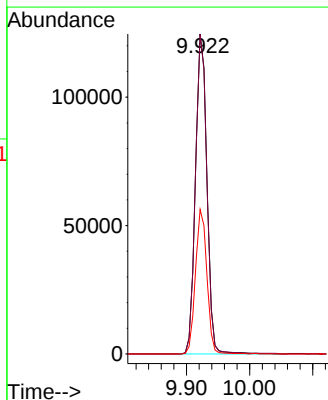
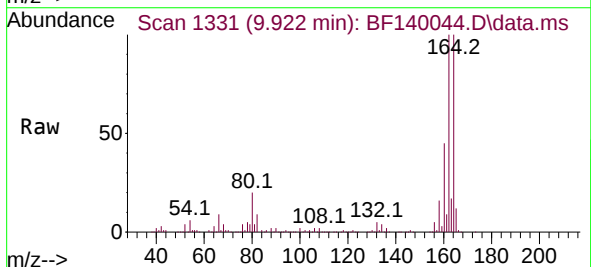
Manual Integrations
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Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

Tgt Ion:164 Resp: 156879
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 45.2 35.4 53.0





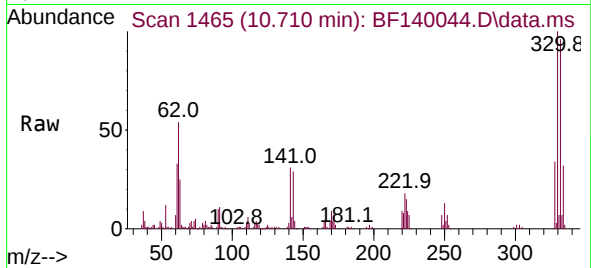
#42
2,4,6-Tribromophenol
Concen: 72.427 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

Instrument :

BNA_F

ClientSampleId :

BP-F-6



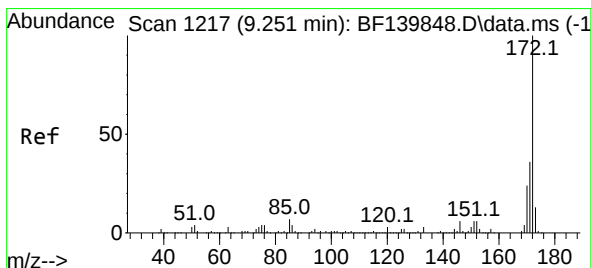
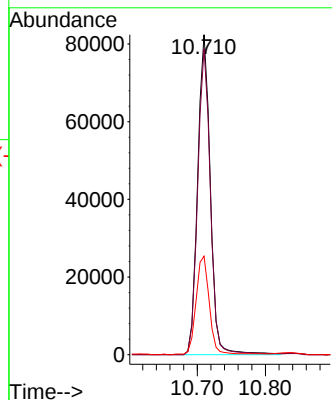
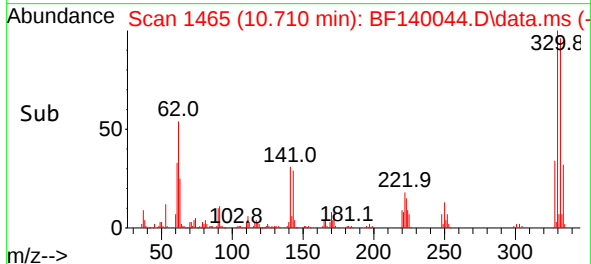
Tgt Ion:330 Resp: 106279
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 31.9 26.6 39.8

Manual Integrations

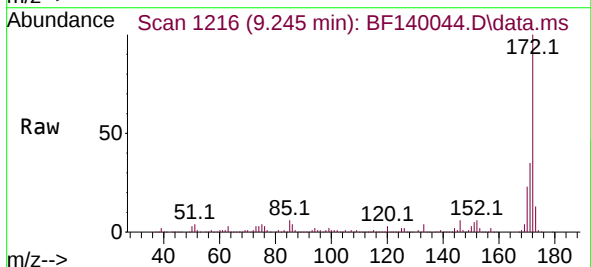
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Reviewed By :Yogesh Patel 10/25/2024

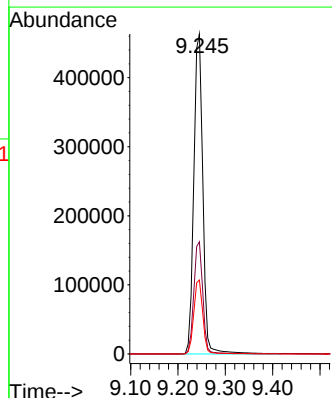
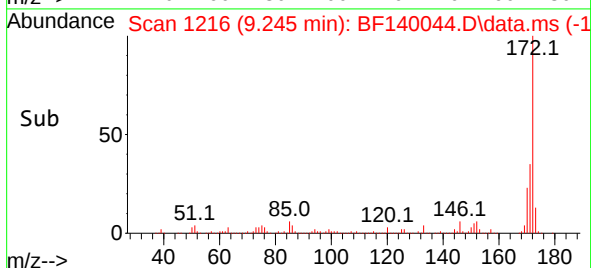
Supervised By :mohammad ahmed 10/28/2024



#45
2-Fluorobiphenyl
Concen: 64.673 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21



Tgt Ion:172 Resp: 613899
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.1 19.1 28.7





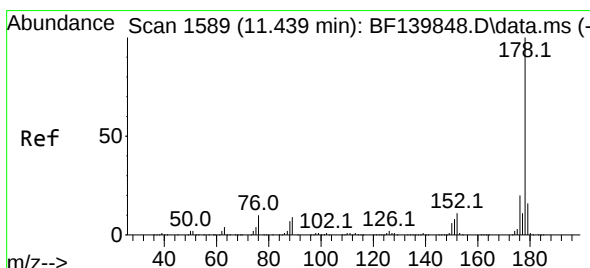
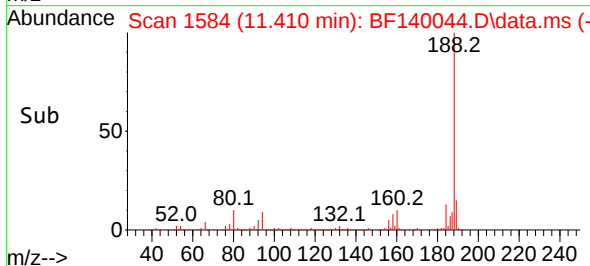
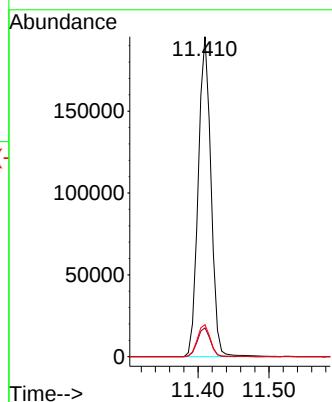
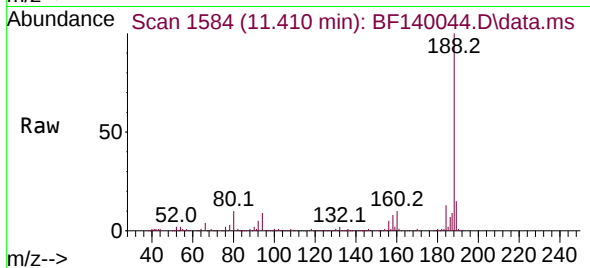
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

Instrument :
BNA_F
ClientSampleId :
BP-F-6

Tgt Ion:188 Resp: 24414
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 9.0 13.4

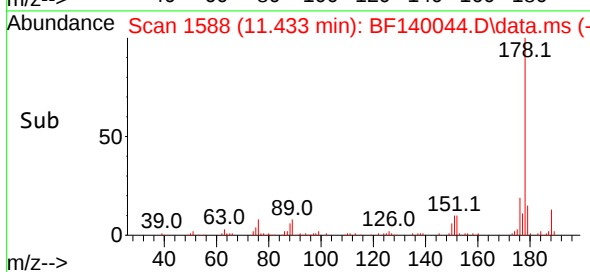
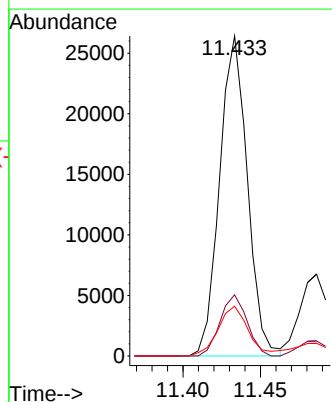
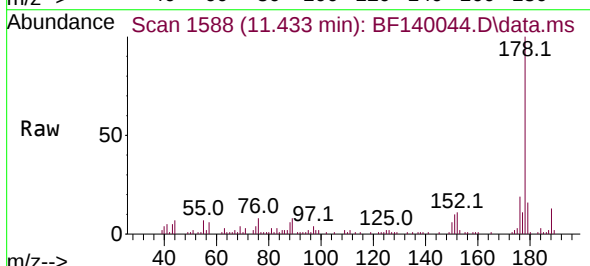
Manual Integrations
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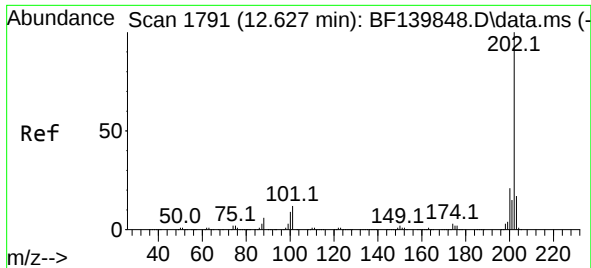
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#71
Phenanthrene
Concen: 2.858 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

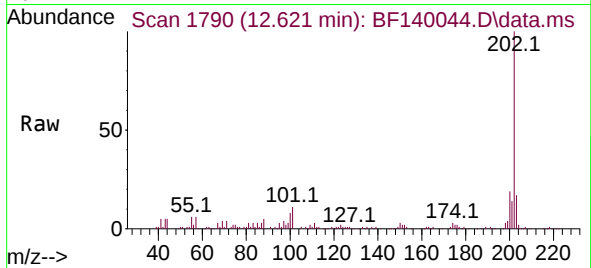
Tgt Ion:178 Resp: 32955
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.6 18.8





#75
Fluoranthene
Concen: 5.149 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

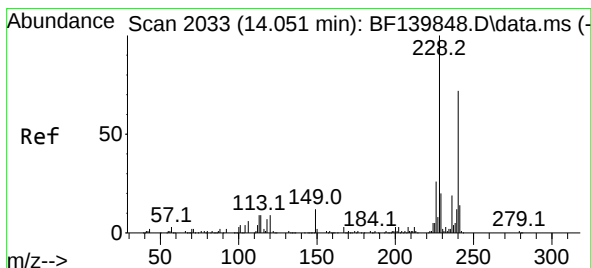
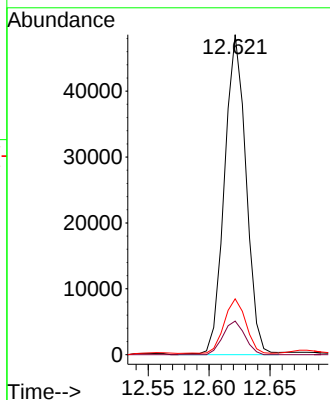
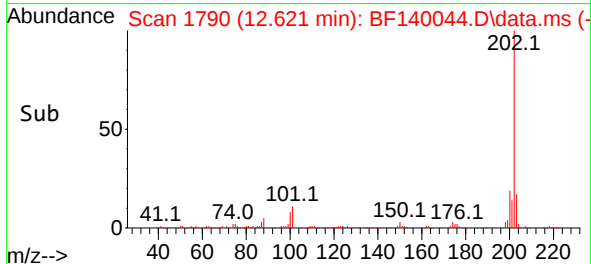
Instrument :
BNA_F
ClientSampleId :
BP-F-6



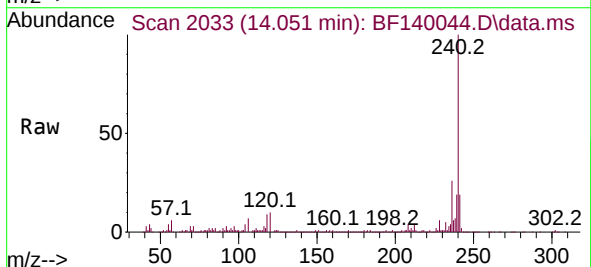
Tgt Ion:202 Resp: 6003
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.9
203 17.5 0.0 37.5

Manual Integrations
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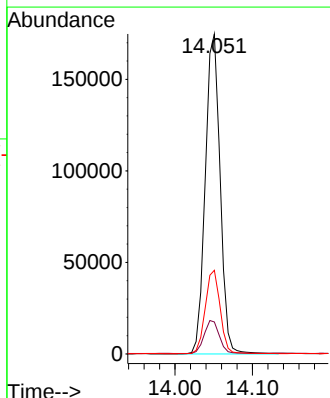
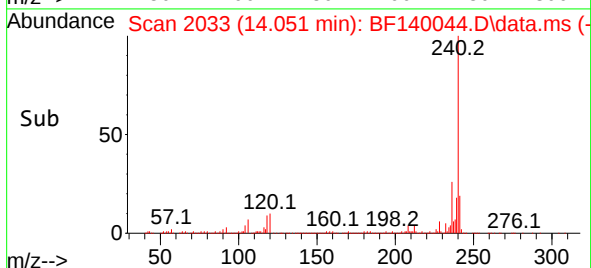
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

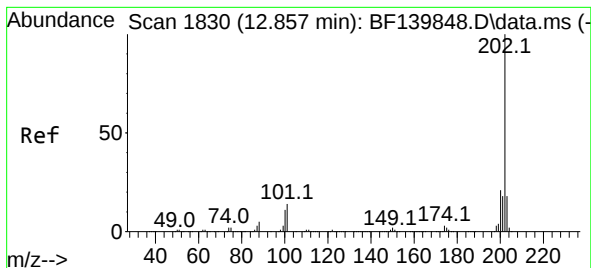


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21



Tgt Ion:240 Resp: 233048
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.2
236 26.2 20.9 31.3





#78

Pyrene

Concen: 2.483 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF140044.D

Acq: 25 Oct 2024 18:21

Instrument :

BNA_F

ClientSampleId :

BP-F-6

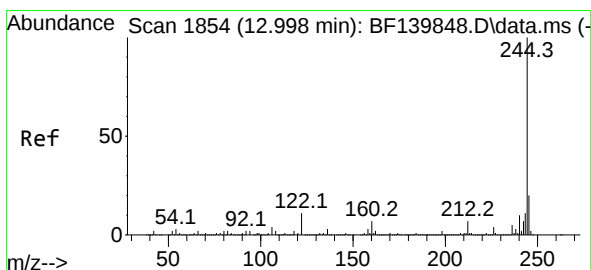
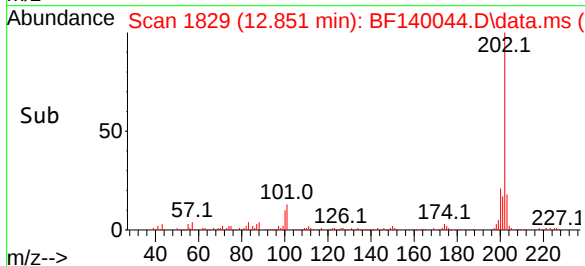
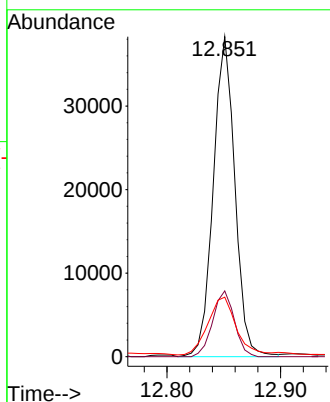
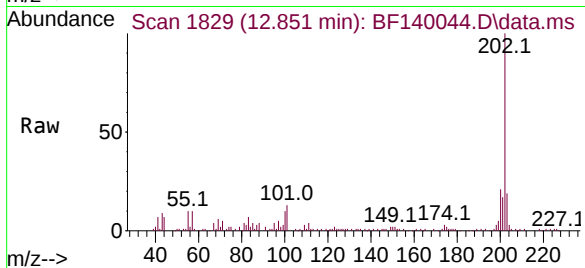
Tgt Ion:	202	Resp:	50652
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.2	25.8
203	18.6	14.2	21.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/28/2024



#79

Terphenyl-d14

Concen: 41.838 ng

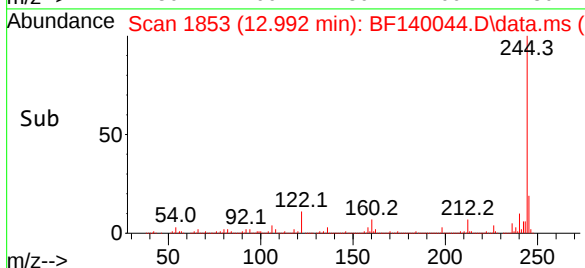
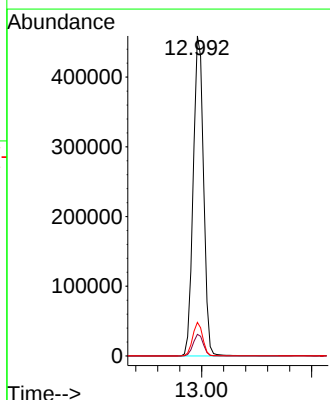
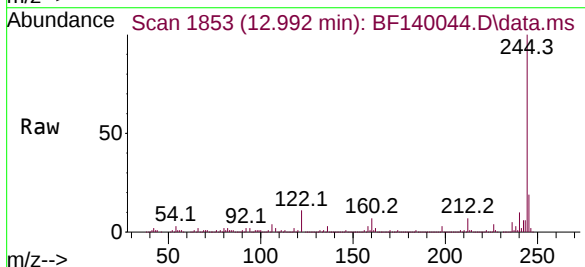
RT: 12.992 min Scan# 1853

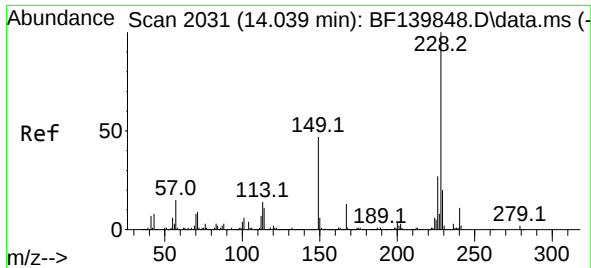
Delta R.T. -0.006 min

Lab File: BF140044.D

Acq: 25 Oct 2024 18:21

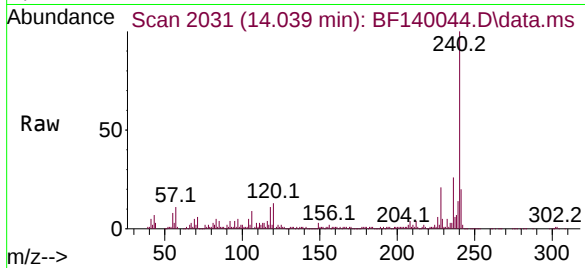
Tgt Ion:	244	Resp:	598366
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	10.5	8.6	13.0





#81
Benzo(a)anthracene
Concen: 2.023 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

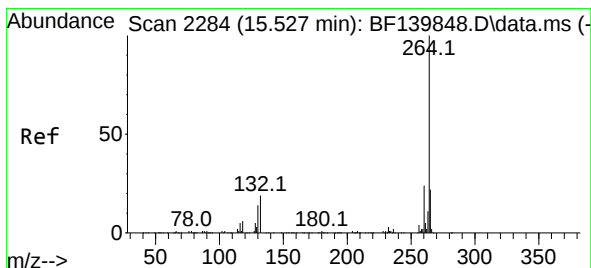
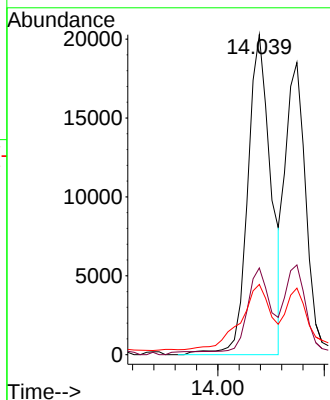
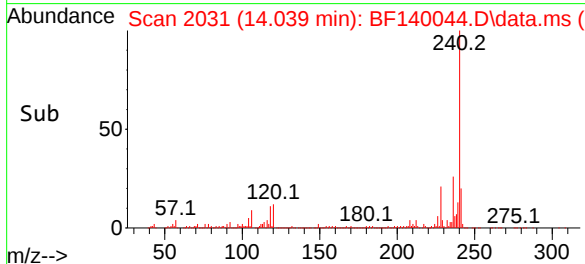
Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion:228 Resp: 30690
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 22.0 16.1 24.1

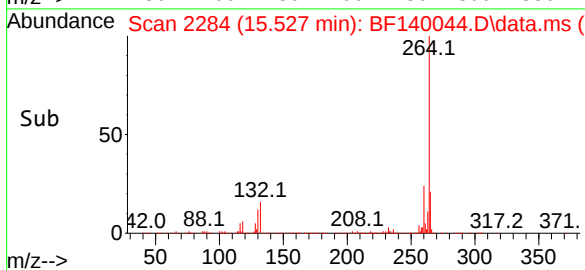
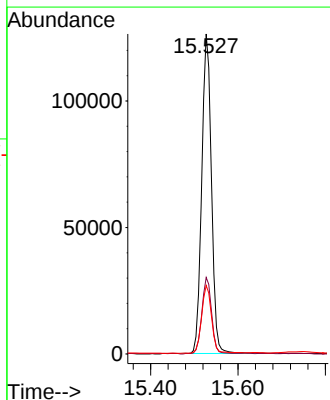
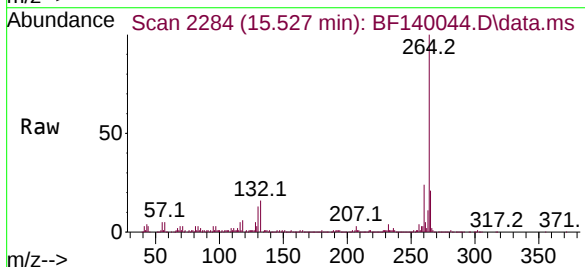
Manual Integrations
APPROVED

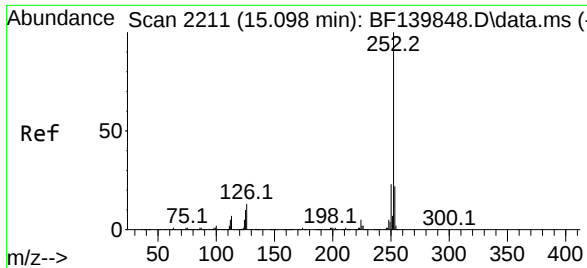
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

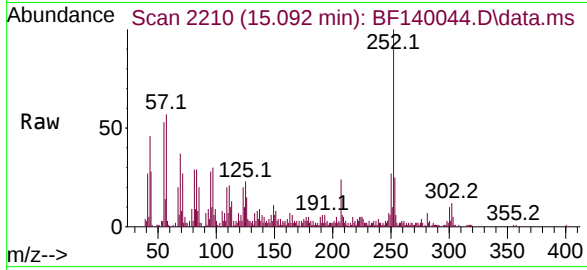
Tgt Ion:264 Resp: 195759
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.4 17.4 26.0





#88
Benzo(b)fluoranthene
Concen: 2.073 ng m
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140044.D
Acq: 25 Oct 2024 18:21

Instrument :
BNA_F
ClientSampleId :
BP-F-6



Tgt Ion:252 Resp: 24710
Ion Ratio Lower Upper
252 100
253 25.4 17.6 26.4
125 22.9 7.9 11.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

