

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139724.D
 Acq On : 09 Oct 2024 16:02
 Operator : RC/JU
 Sample : P4343-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-100724

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 16:25:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83452	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	309461	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	163569	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	265584	20.000	ng	0.00
76) Chrysene-d12	14.027	240	171547	20.000	ng	0.00
86) Perylene-d12	15.498	264	193884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	137692	28.598	ng	0.00
7) Phenol-d6	6.492	99	176921	27.324	ng	-0.01
23) Nitrobenzene-d5	7.422	82	112858	18.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	37078	23.482	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	224193	21.042	ng	-0.01
79) Terphenyl-d14	12.969	244	181794	17.388	ng	-0.01
Target Compounds						
75) Fluoranthene	12.598	202	51039	3.728	ng	99
78) Pyrene	12.827	202	45164	2.944	ng	98
88) Benzo(b)fluoranthene	15.068	252	35883m	2.862	ng	
90) Benzo(a)pyrene	15.433	252	25363	2.566	ng	# 91

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

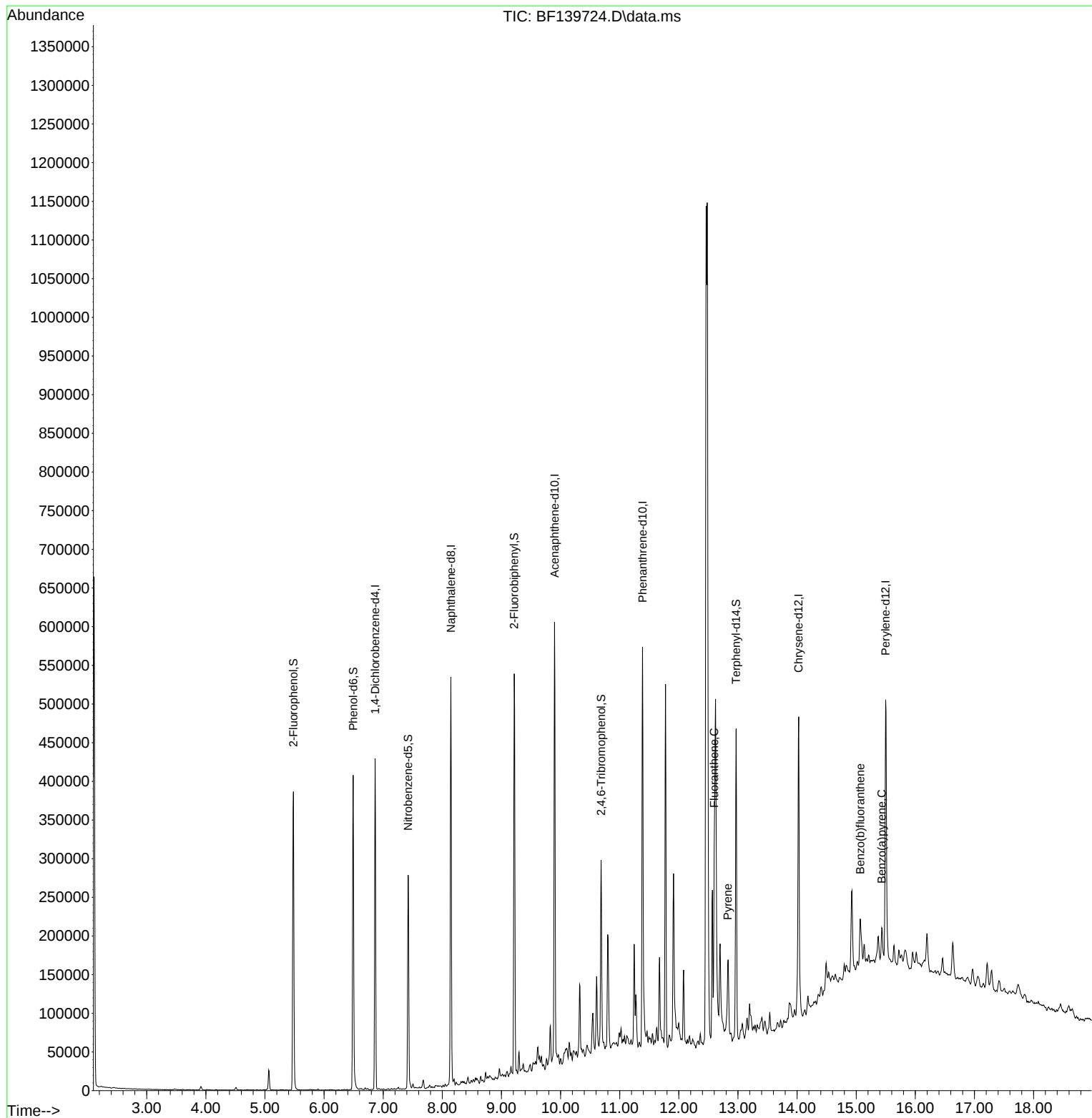
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139724.D
Acq On : 09 Oct 2024 16:02
Operator : RC/JU
Sample : P4343-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

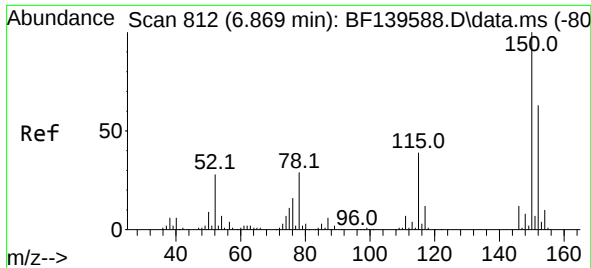
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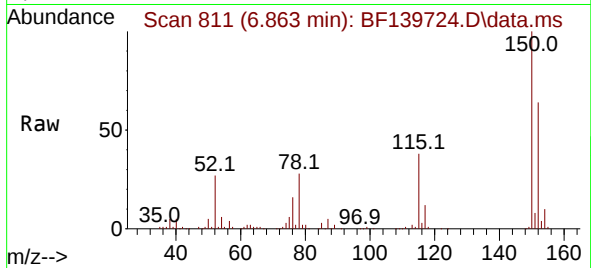
Quant Time: Oct 09 16:25:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

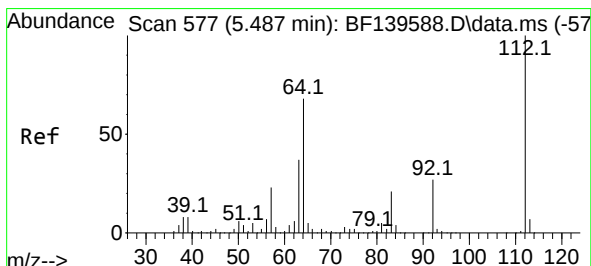
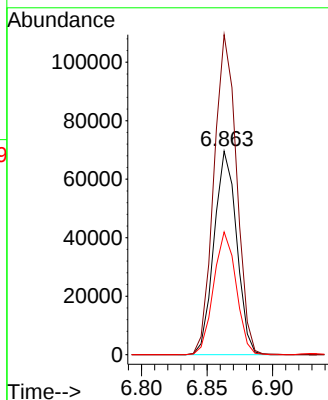
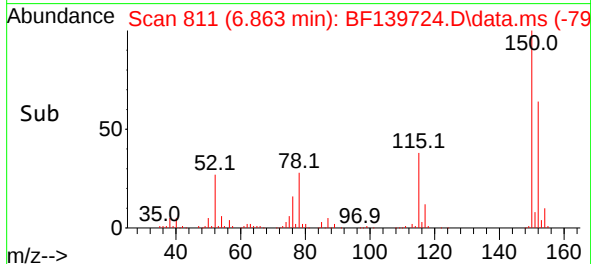
Instrument :
BNA_F
ClientSampleId :
EO-03-100724



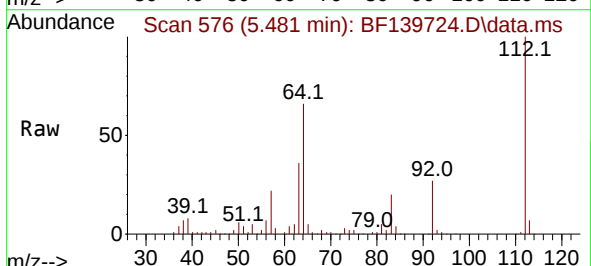
Tgt Ion:152 Resp: 83452
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 60.3 49.0 73.4

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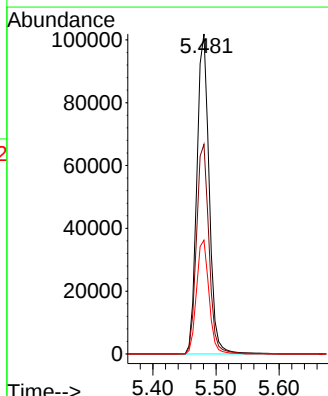
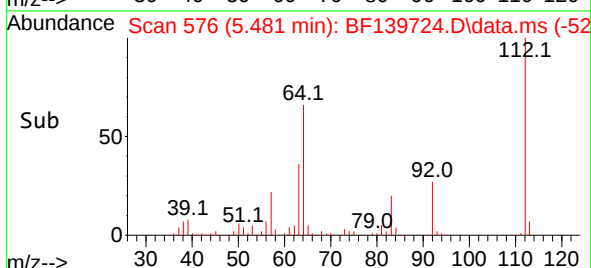
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

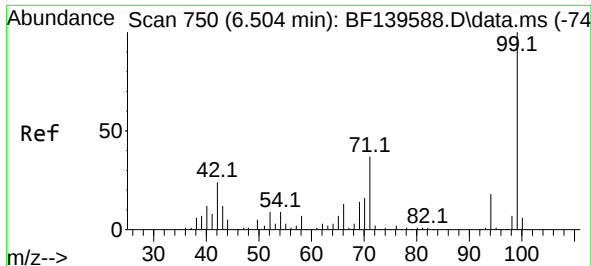


#5
2-Fluorophenol
Concen: 28.598 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02



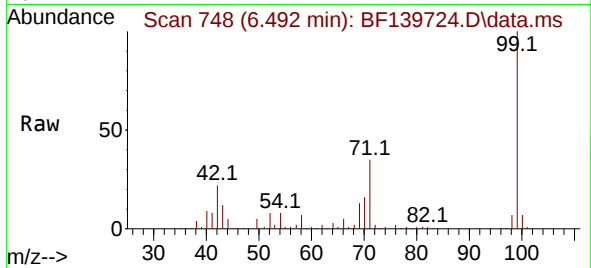
Tgt Ion:112 Resp: 137692
Ion Ratio Lower Upper
112 100
64 65.5 54.2 81.4
63 35.6 29.4 44.2





#7
Phenol-d6
Concen: 27.324 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

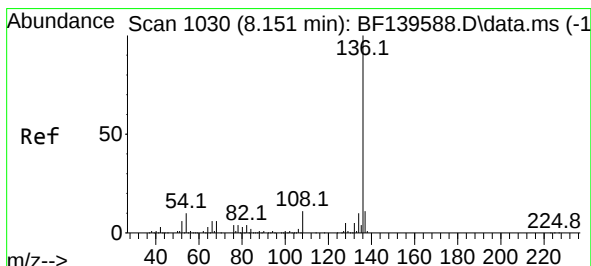
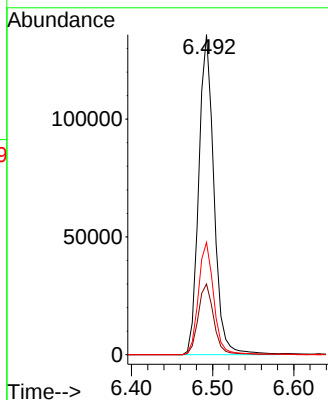
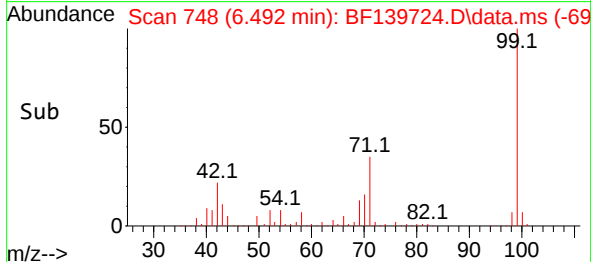
Instrument :
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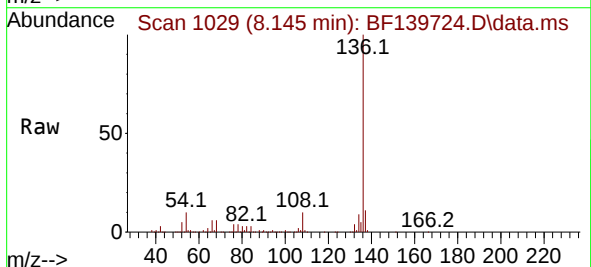
Tgt Ion: 99 Resp: 17692
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 35.1 29.7 44.5

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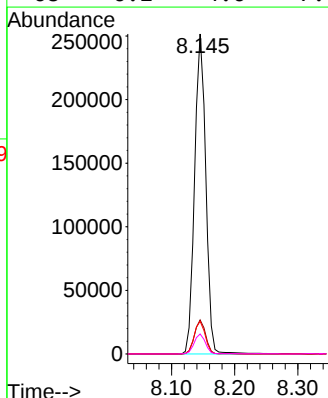
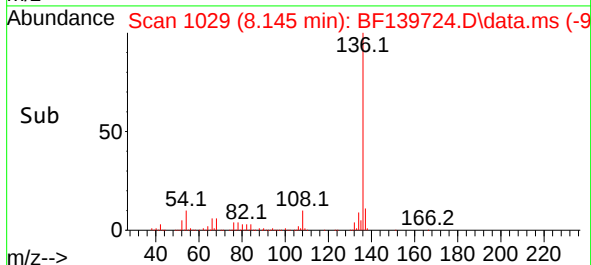
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

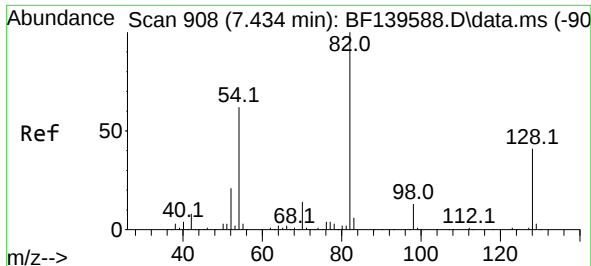


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02



Tgt Ion:136 Resp: 309461
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.3 12.5
68 6.2 4.6 7.0





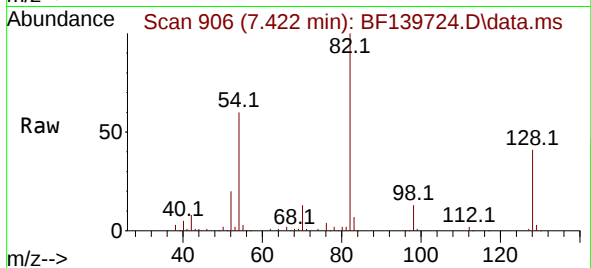
#23
Nitrobenzene-d5
Concen: 18.464 ng
RT: 7.422 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724

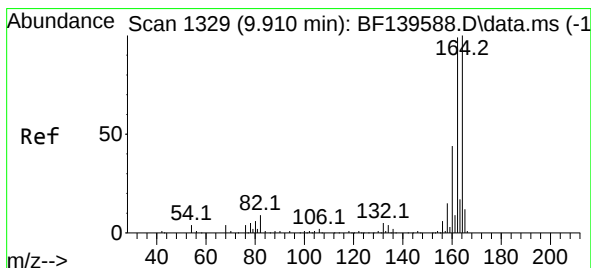
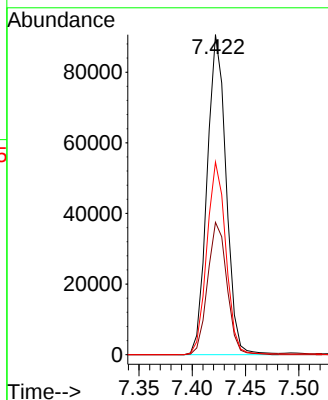
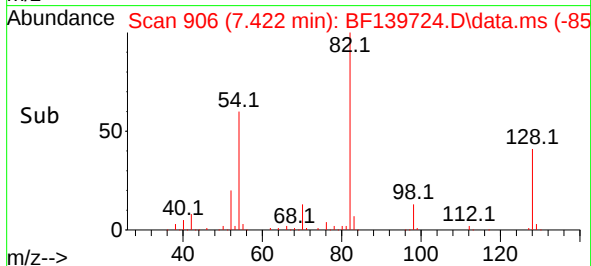


Tgt Ion: 82 Resp: 11285
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 60.2 49.1 73.7

Manual Integrations

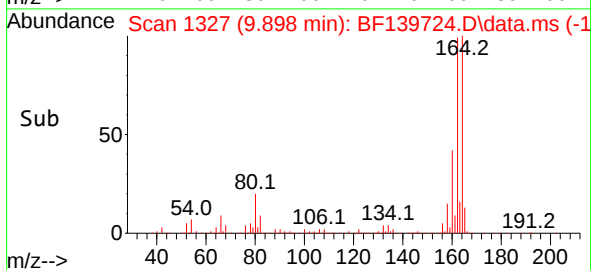
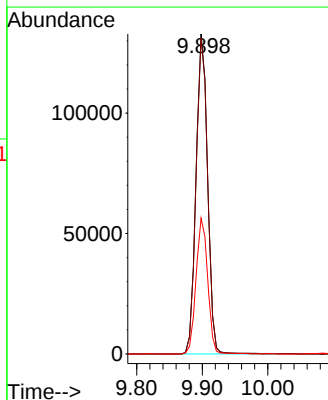
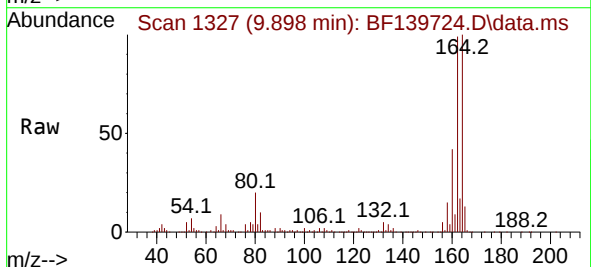
APPROVED

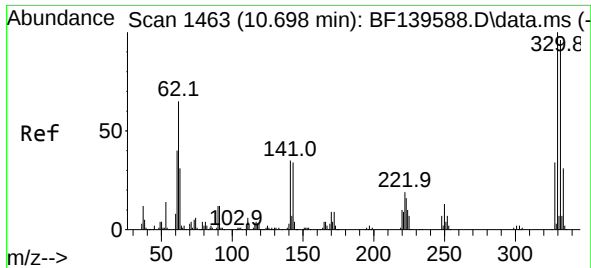
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion:164 Resp: 163569
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 42.4 35.1 52.7





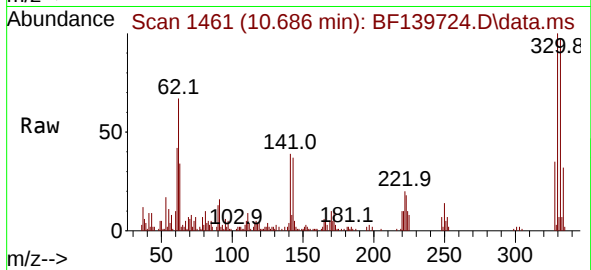
#42
2,4,6-Tribromophenol
Concen: 23.482 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724



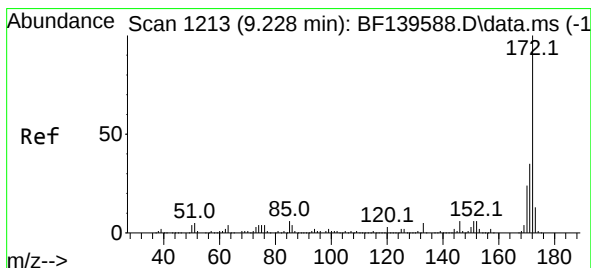
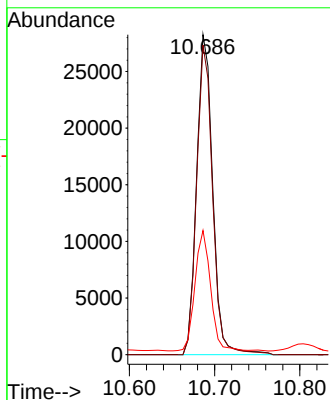
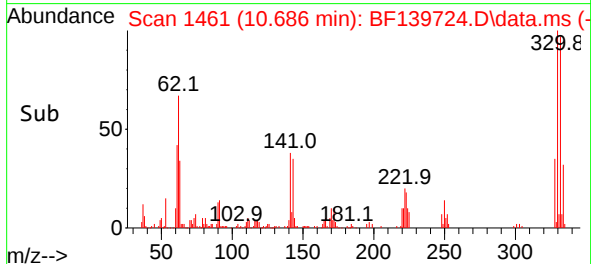
Tgt Ion:330 Resp: 37078
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 36.4 29.3 43.9

Manual Integrations

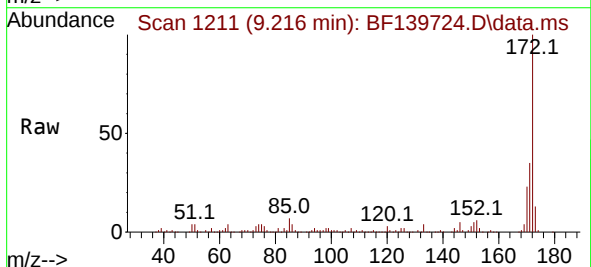
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

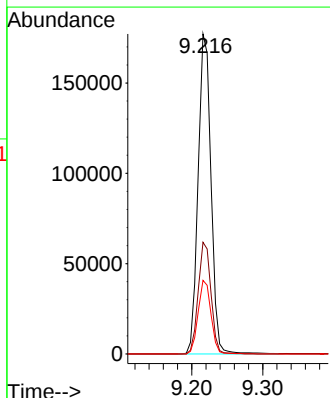
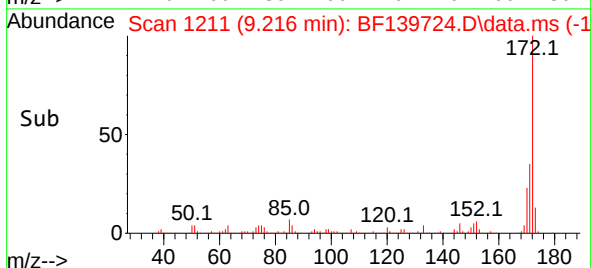
Supervised By :mohammad ahmed 10/10/2024

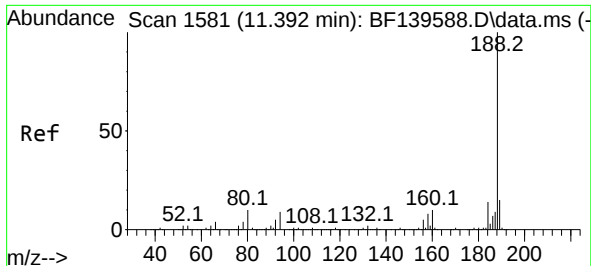


#45
2-Fluorobiphenyl
Concen: 21.042 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02



Tgt Ion:172 Resp: 224193
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.0 18.8 28.2





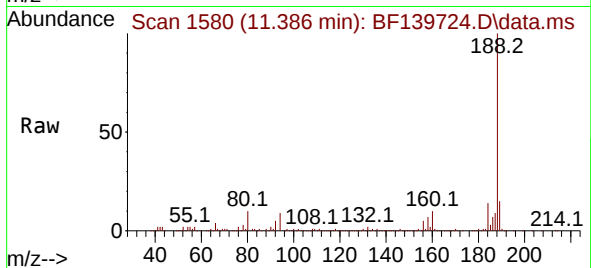
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Instrument :

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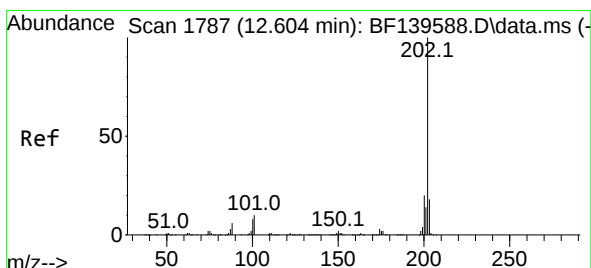
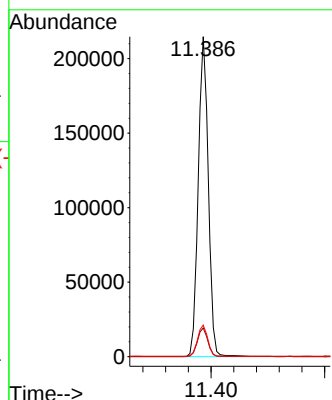
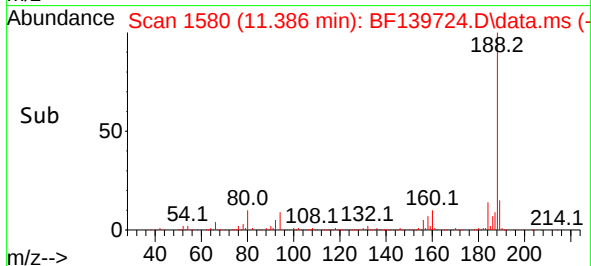
Tgt Ion:188 Resp: 265584
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.9 8.2 12.2

Manual Integrations

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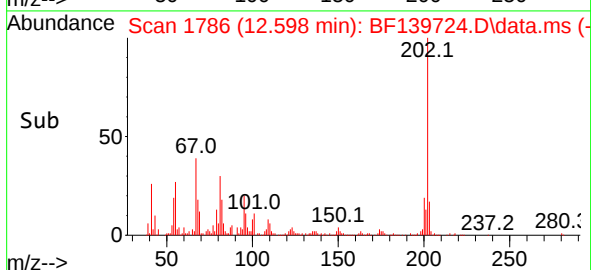
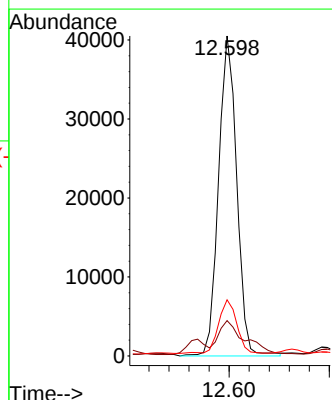
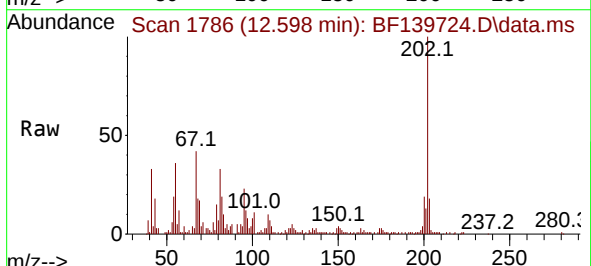
Reviewed By :Yogesh Patel 10/10/2024

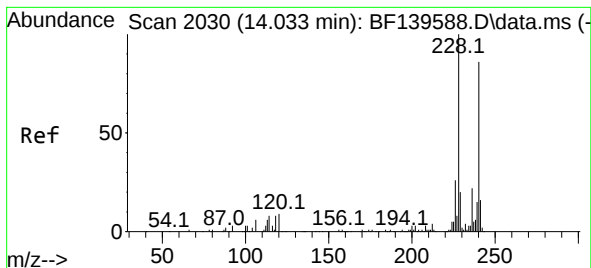
Supervised By :mohammad ahmed 10/10/2024



#75
Fluoranthene
Concen: 3.728 ng
RT: 12.598 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion:202 Resp: 51039
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.2
203 17.5 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139724.D

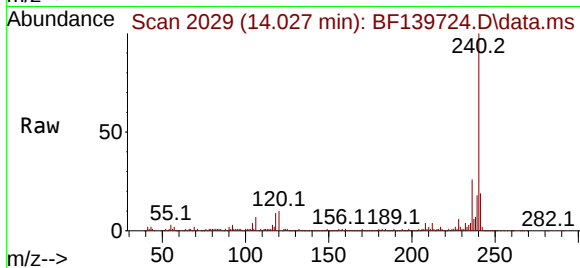
Acq: 09 Oct 2024 16:02

Instrument :

BNA_F

ClientSampleId :

EO-03-100724



Tgt Ion:240 Resp: 17154

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

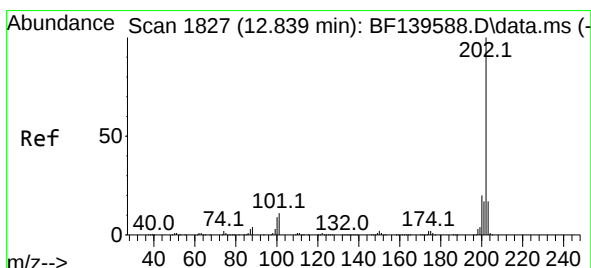
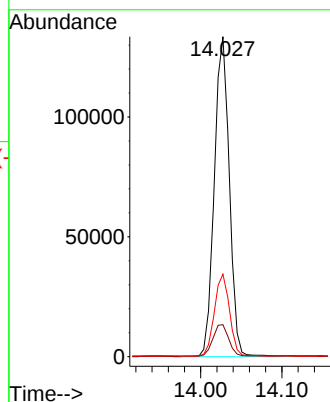
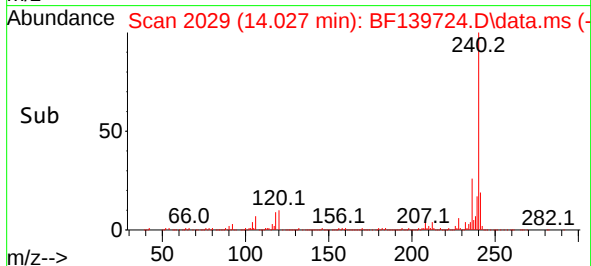
236 25.8 20.3 30.5

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#78

Pyrene

Concen: 2.944 ng

RT: 12.827 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF139724.D

Acq: 09 Oct 2024 16:02

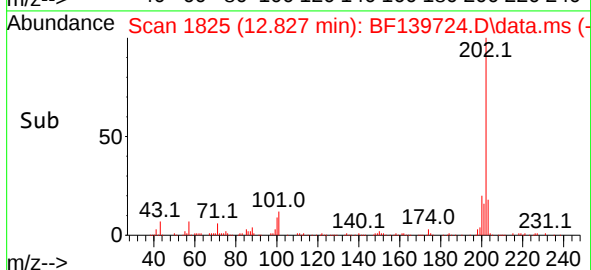
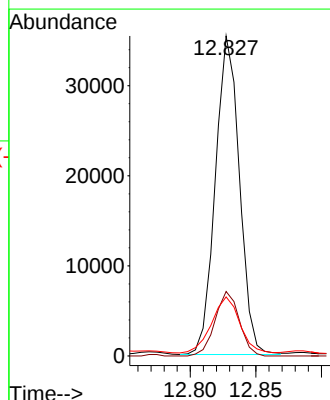
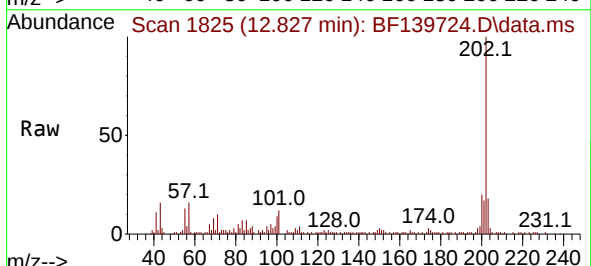
Tgt Ion:202 Resp: 45164

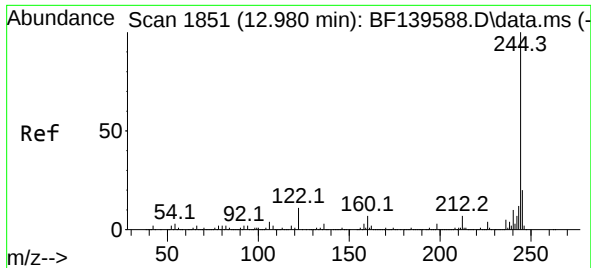
Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

203 18.4 13.8 20.8





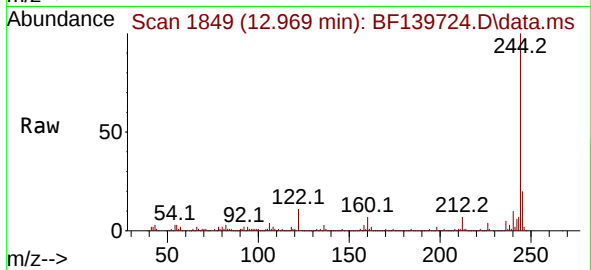
#79
Terphenyl-d14
Concen: 17.388 ng
RT: 12.969 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

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ClientSampleId :

EO-03-100724



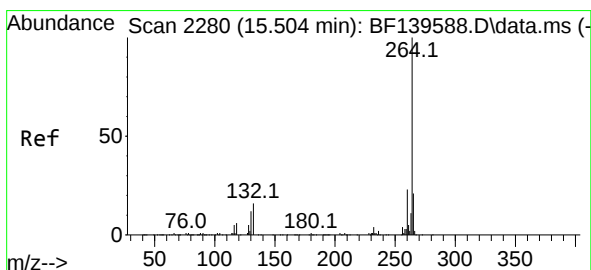
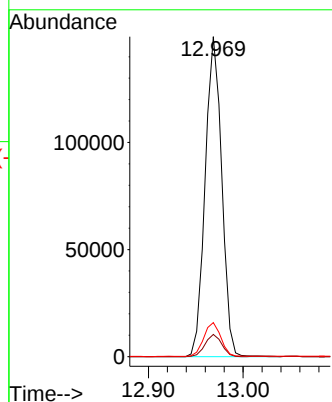
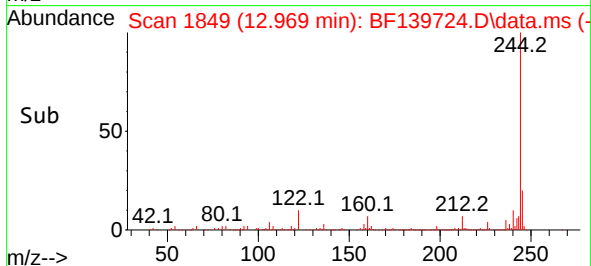
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Ion Ratio Lower Upper
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212 7.0 5.8 8.6
122 10.6 8.6 12.8

Manual Integrations

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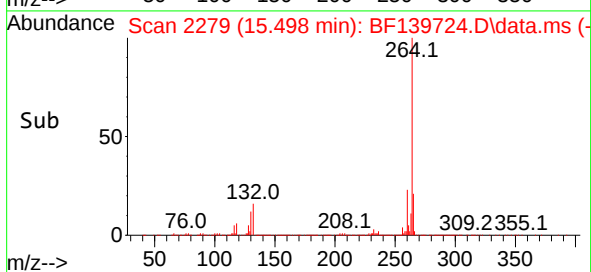
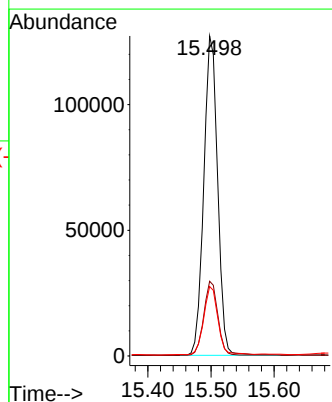
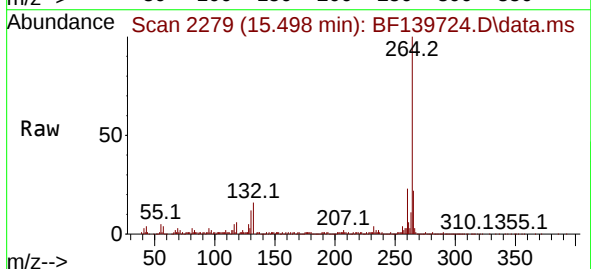
Reviewed By :Yogesh Patel 10/10/2024

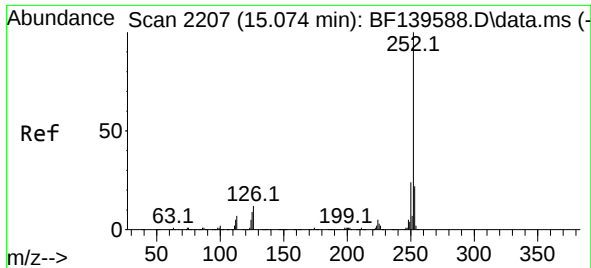
Supervised By :mohammad ahmed 10/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

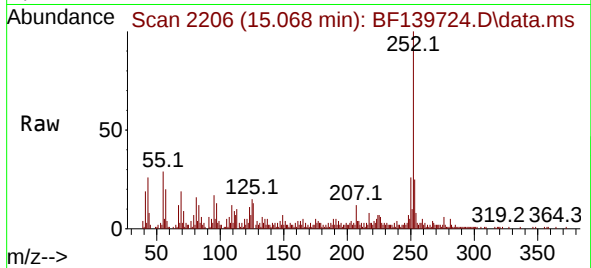
Tgt Ion:264 Resp: 193884
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.7 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 2.862 ng m
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

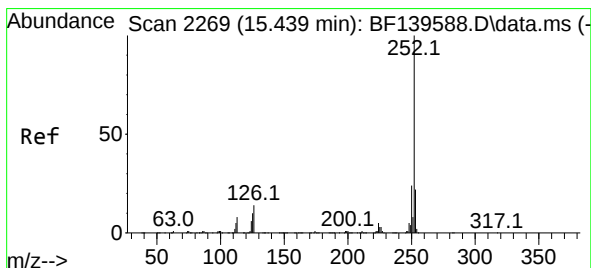
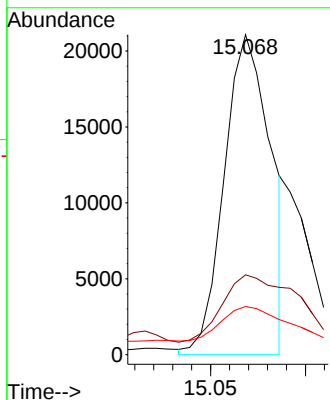
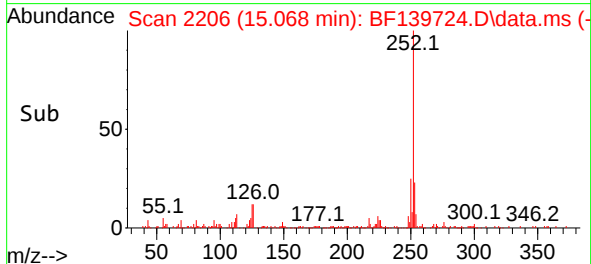
Instrument :
BNA_F
ClientSampleId :
EO-03-100724



Tgt Ion:252 Resp: 3588
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 15.0 7.4 11.0

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.566 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF139724.D
Acq: 09 Oct 2024 16:02

Tgt Ion:252 Resp: 25363
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 15.4 8.3 12.5

