

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134626.D
 Acq On : 04 Aug 2023 11:43
 Operator : CG\JU
 Sample : 03756-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-11-CS-11

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 05 00:04:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	184034	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	730466	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	344780	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	530697	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	392837	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	408887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	983238	81.214	ng	0.00
7) Phenol-d6	6.428	99	1226847	79.274	ng	-0.01
23) Nitrobenzene-d5	7.357	82	715451	61.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	268110	76.282	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1292340	62.323	ng	-0.01
79) Terphenyl-d14	12.910	244	1047236	46.995	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.533	202	79680	2.676	ng	97
78) Pyrene	12.757	202	84553	2.487	ng	98
88) Benzo(b)fluoranthene	14.998	252	71113m	2.852	ng	
90) Benzo(a)pyrene	15.363	252	48151	2.071	ng	# 93

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

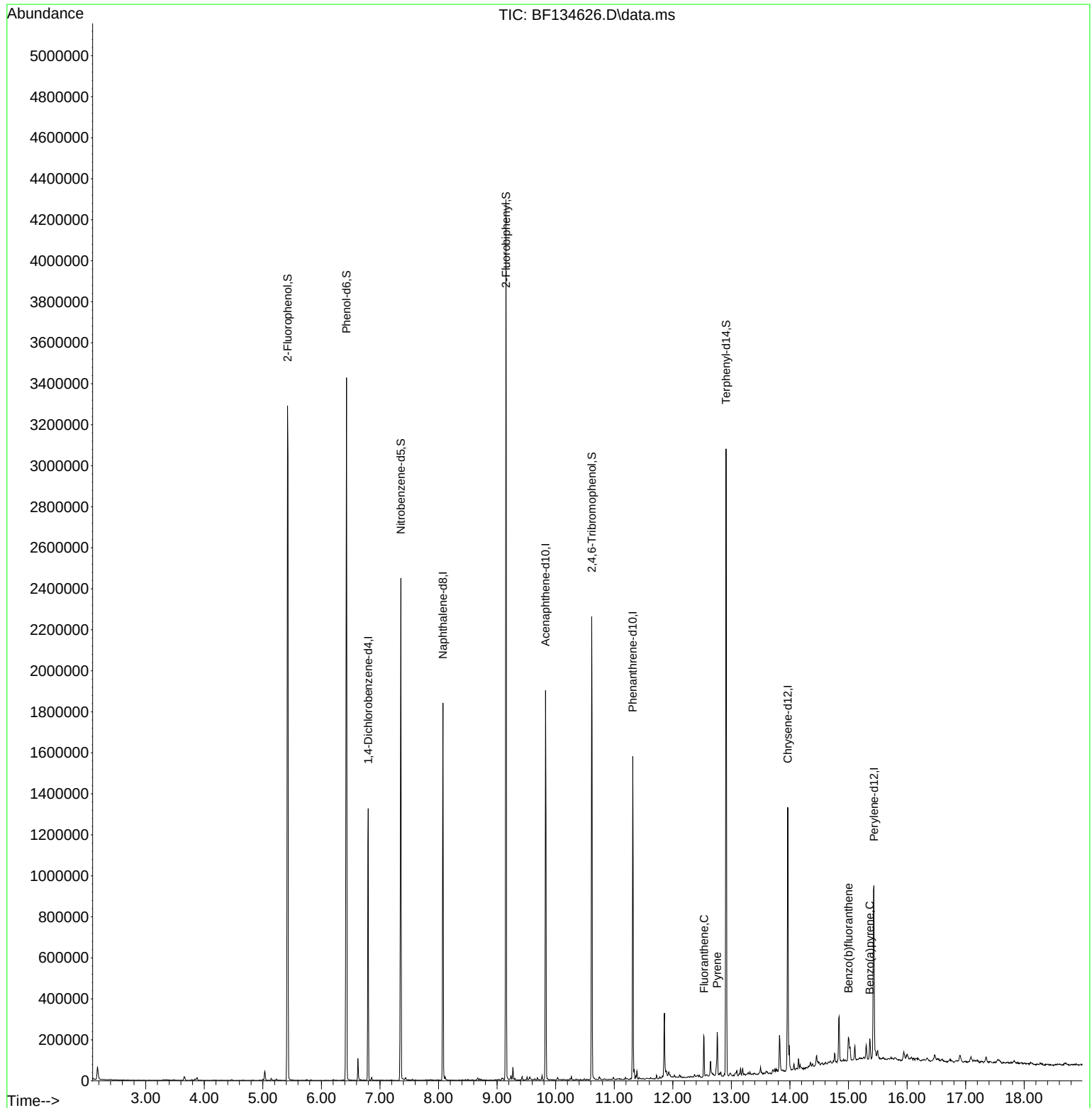
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134626.D
Acq On : 04 Aug 2023 11:43
Operator : CG\JU
Sample : 03756-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

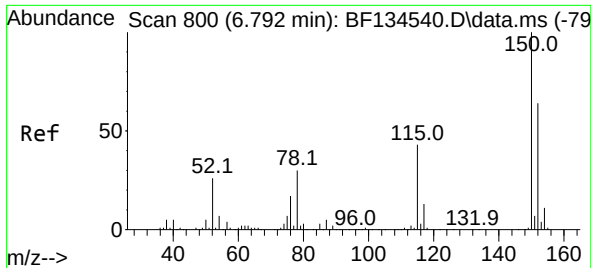
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Quant Time: Aug 05 00:04:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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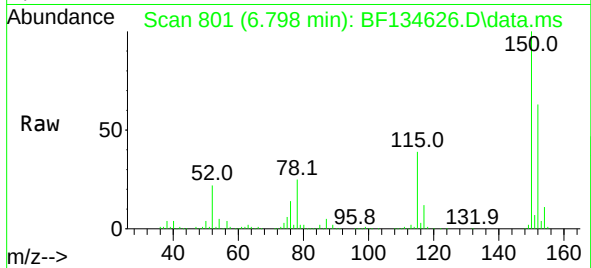
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

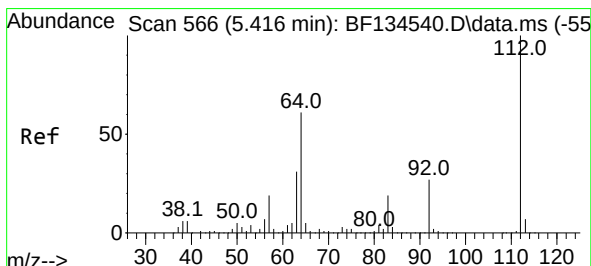
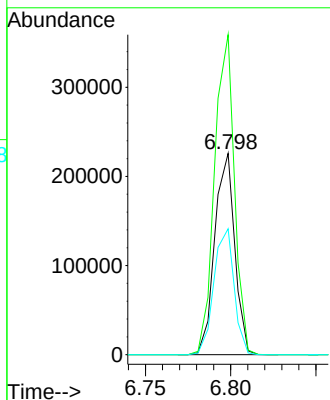
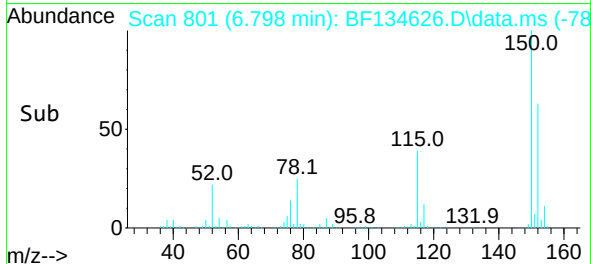
Instrument :
BNA_F
ClientSampleId :
RPTP-11-CS-11



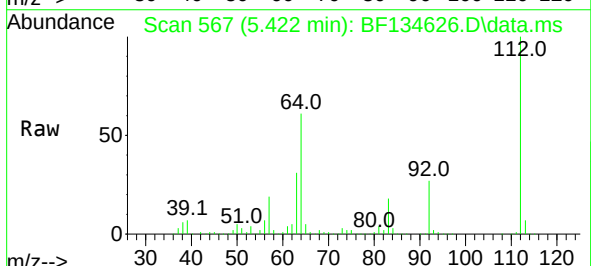
Tgt Ion:152 Resp: 184034
Ion Ratio Lower Upper
152 100
150 159.0 128.3 192.5
115 62.6 52.4 78.6

Manual Integrations
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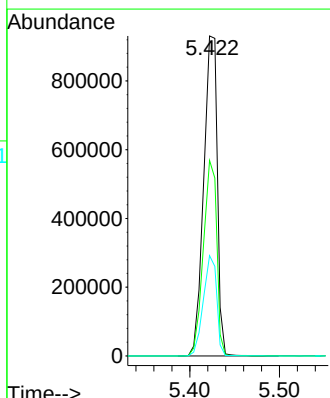
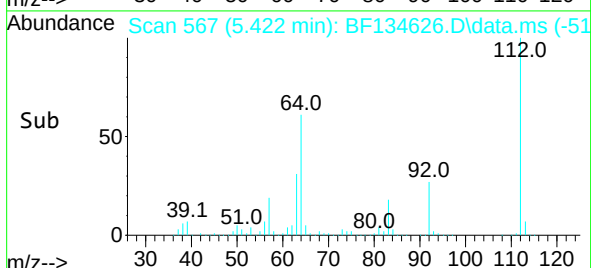
Reviewed By :Yogesh Patel 08/07/2023
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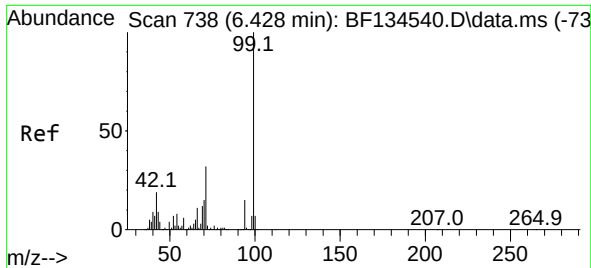


#5
2-Fluorophenol
Concen: 81.214 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43



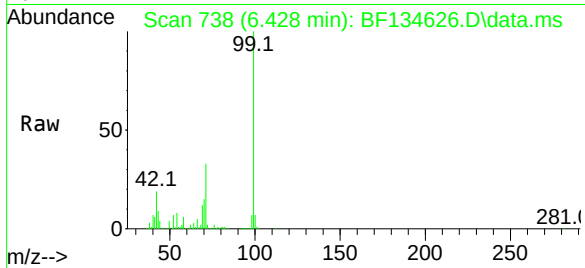
Tgt Ion:112 Resp: 983238
Ion Ratio Lower Upper
112 100
64 61.1 44.9 67.3
63 31.4 25.4 38.0





#7
Phenol-d6
Concen: 79.274 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

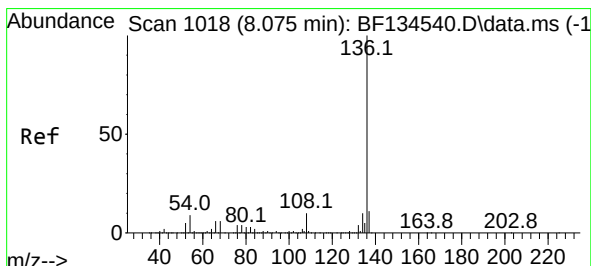
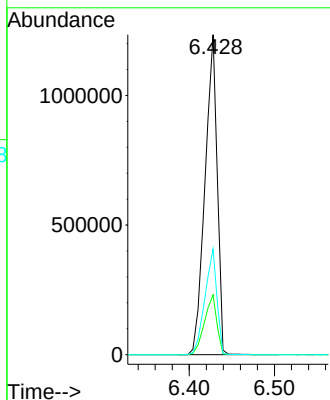
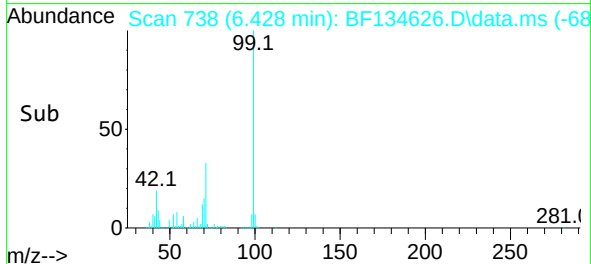
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 122684
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 33.0 36.4 54.6

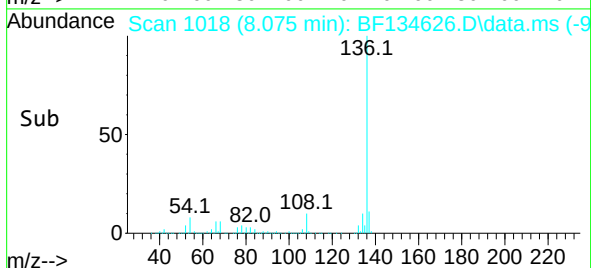
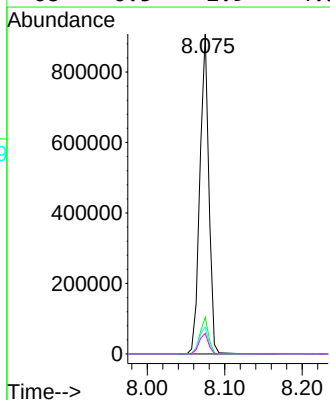
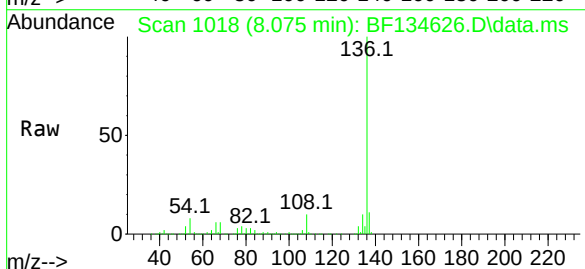
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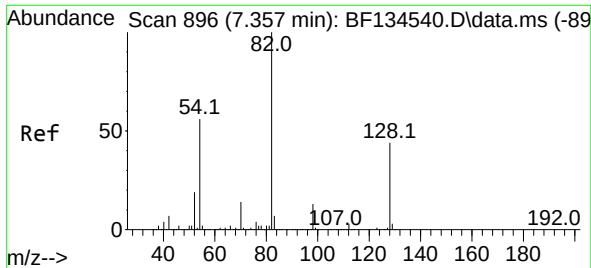
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

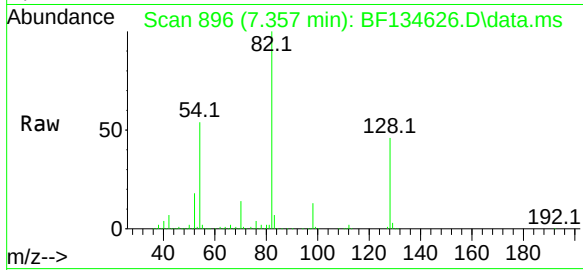
Tgt Ion:136 Resp: 730466
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.4 5.2 7.8#
68 6.5 2.9 4.3#





#23
Nitrobenzene-d5
Concen: 61.208 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

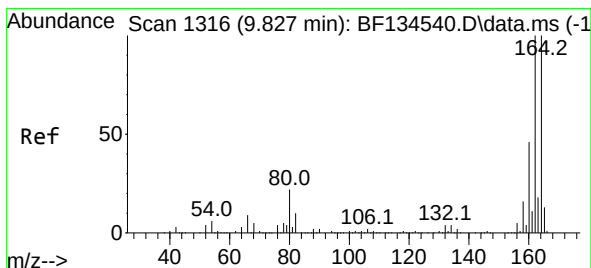
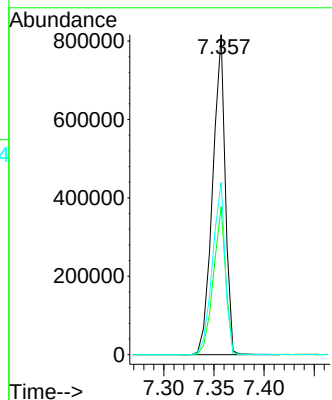
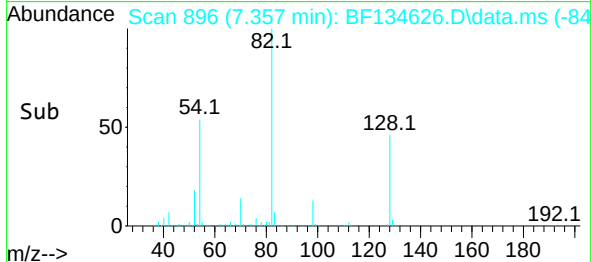
Instrument :
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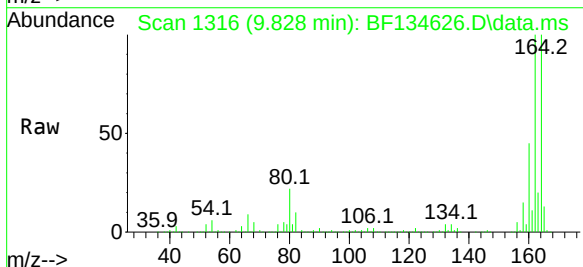
Tgt Ion: 82 Resp: 71545
Ion Ratio Lower Upper
82 100
128 46.3 34.3 51.5
54 54.0 43.8 65.6

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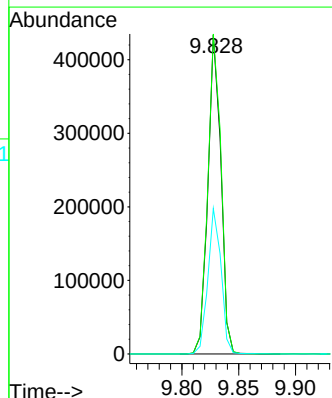
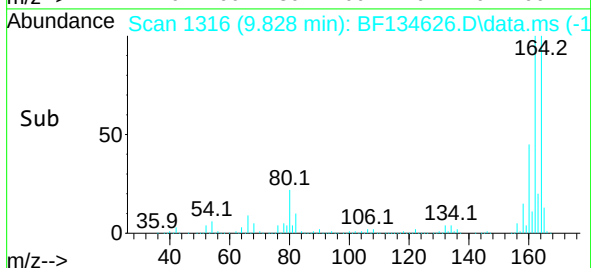
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

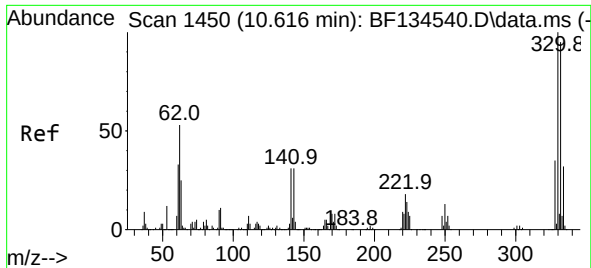


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43



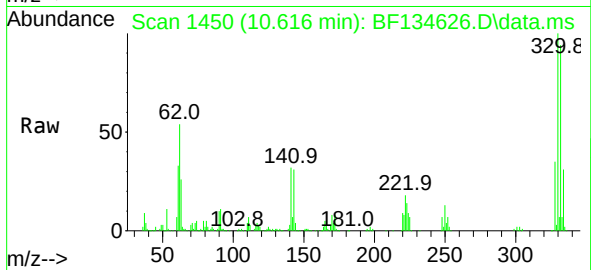
Tgt Ion:164 Resp: 344780
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 45.6 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 76.282 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

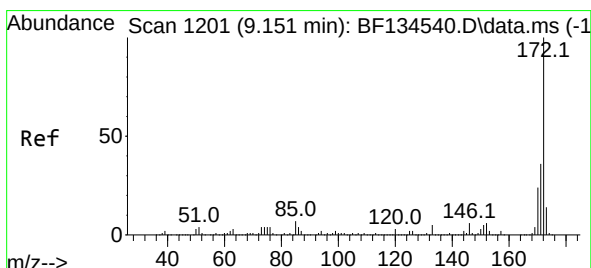
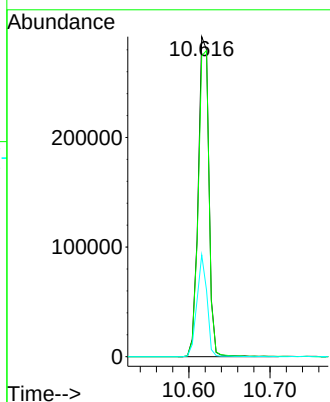
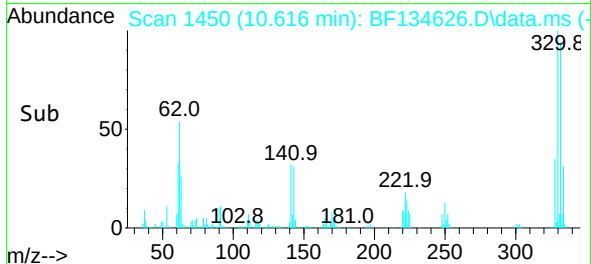
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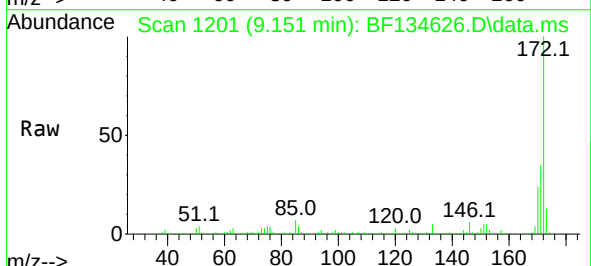
Tgt Ion: 330 Resp: 268110
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 29.9 25.4 38.2

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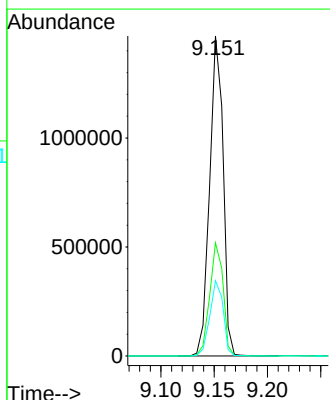
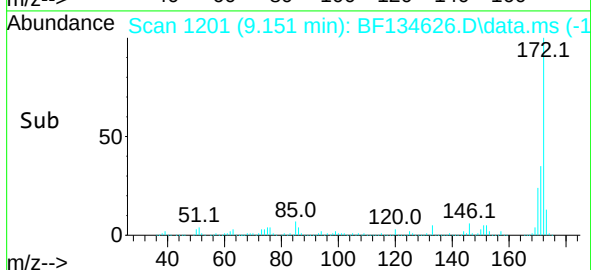
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

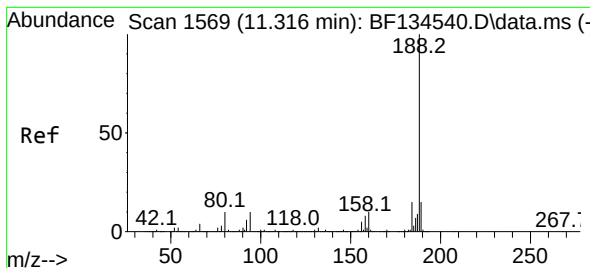


#45
2-Fluorobiphenyl
Concen: 62.323 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43



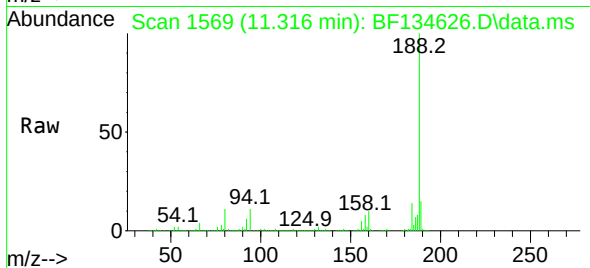
Tgt Ion: 172 Resp: 1292340
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

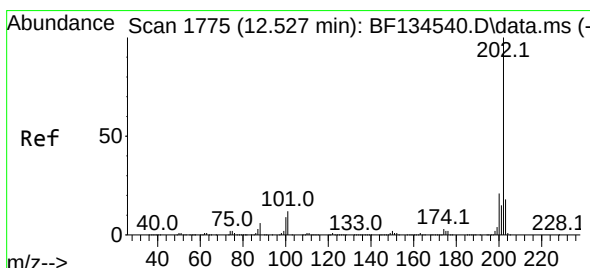
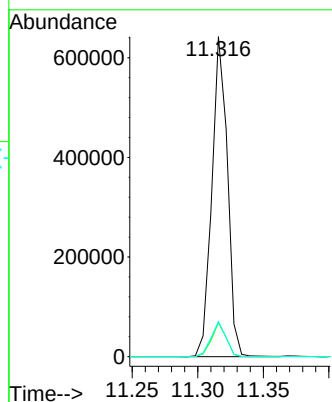
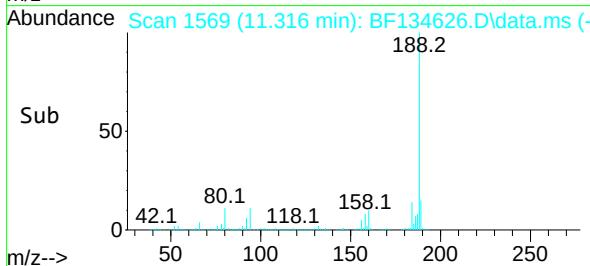
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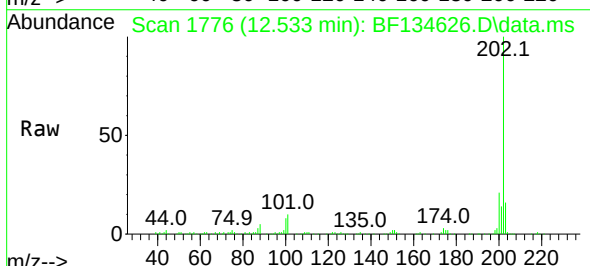
Tgt Ion:188 Resp: 53069
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7
80 11.0 6.6 9.8

Manual Integrations
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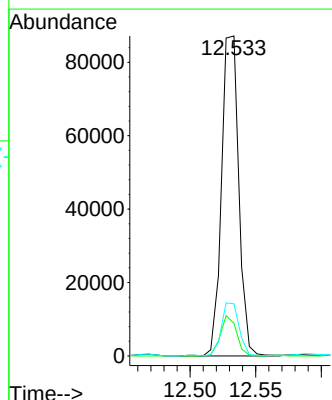
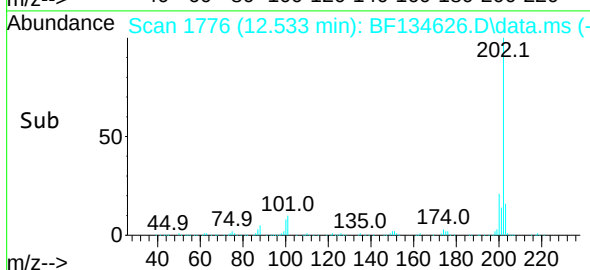
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

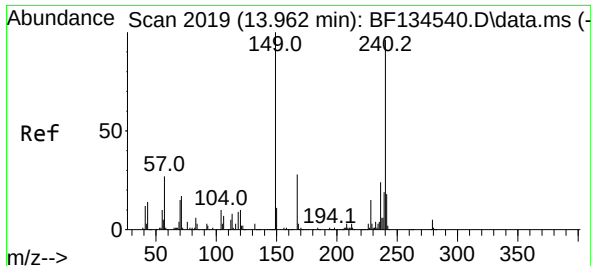


#75
Fluoranthene
Concen: 2.676 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43



Tgt Ion:202 Resp: 79680
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.5
203 16.3 0.0 37.5





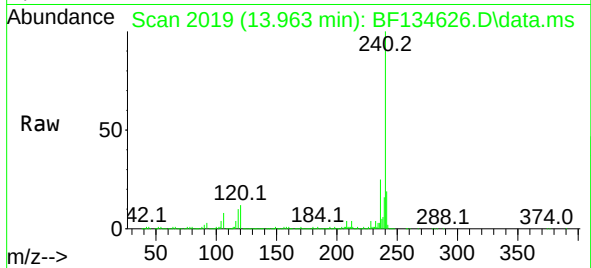
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11



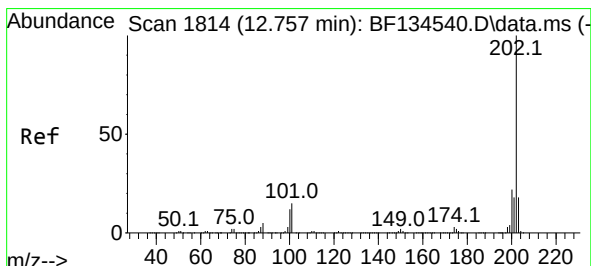
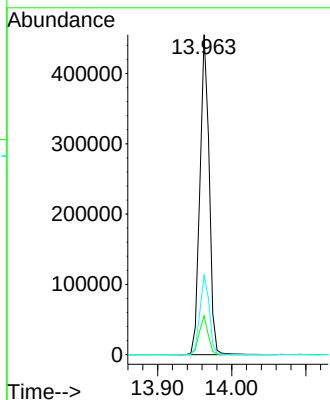
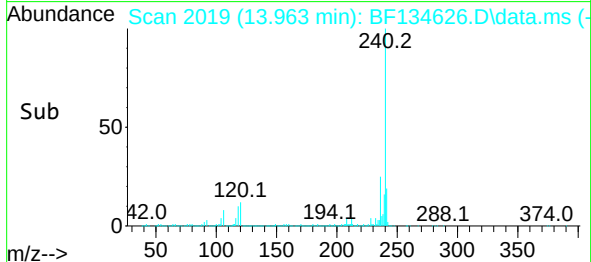
Tgt Ion:240 Resp: 39283
Ion Ratio Lower Upper
240 100
120 12.1 6.6 10.0
236 24.8 20.2 30.2

Manual Integrations

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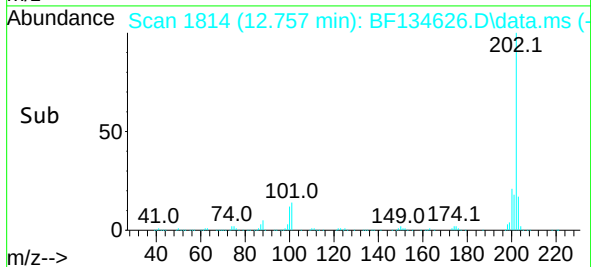
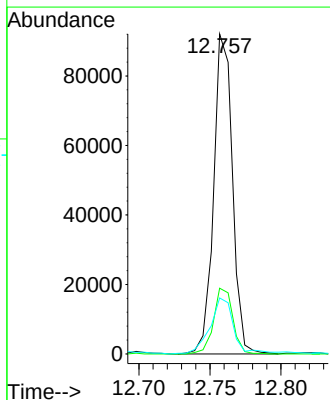
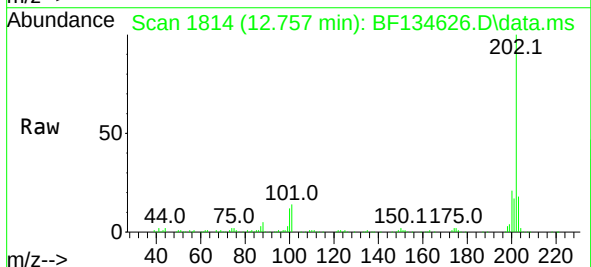
Reviewed By :Yogesh Patel 08/07/2023

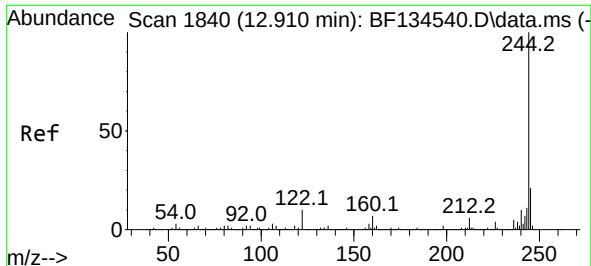
Supervised By :mohammad ahmed 08/07/2023



#78
Pyrene
Concen: 2.487 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF134626.D
Acq: 04 Aug 2023 11:43

Tgt Ion:202 Resp: 84553
Ion Ratio Lower Upper
202 100
200 20.6 15.8 23.8
203 17.5 13.5 20.3





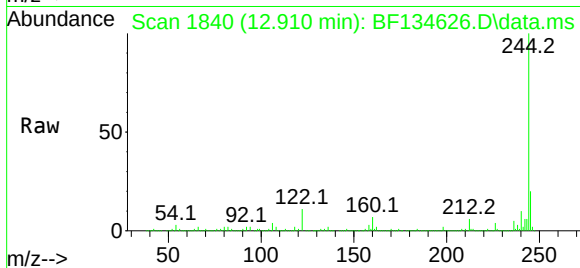
#79
 Terphenyl-d14
 Concen: 46.995 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134626.D
 Acq: 04 Aug 2023 11:43

Instrument :

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ClientSampleId :

RPTP-11-CS-11

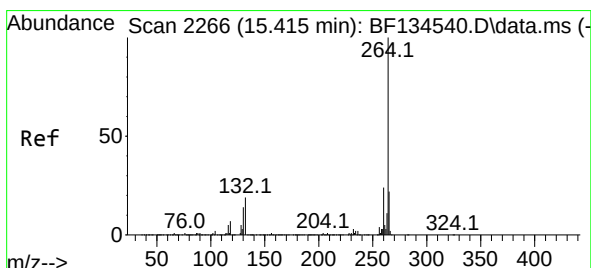
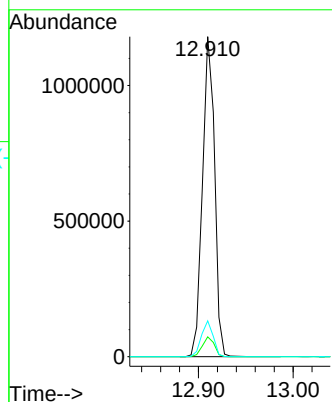
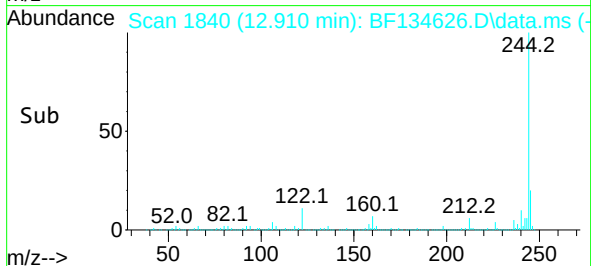


Tgt Ion:244 Resp: 1047230
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 11.2 8.0 12.0

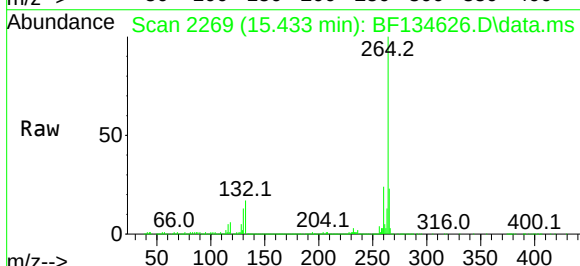
Manual Integrations

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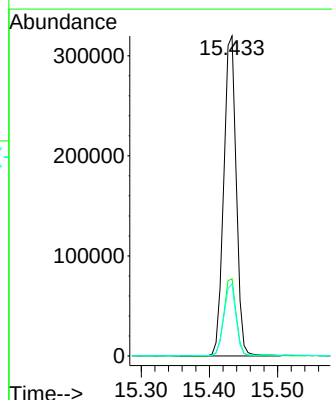
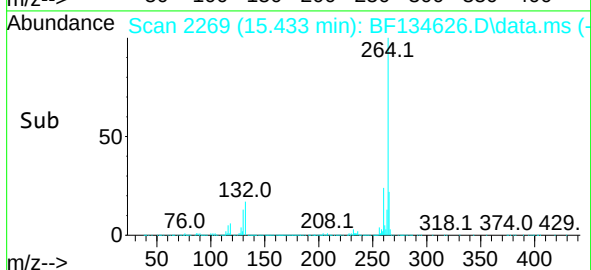
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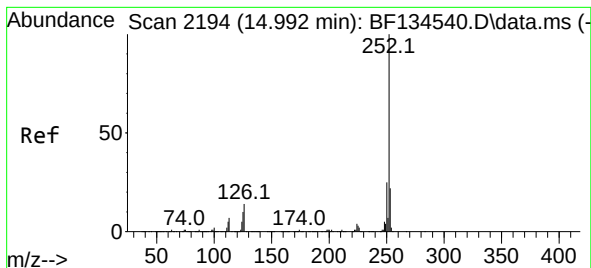


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134626.D
 Acq: 04 Aug 2023 11:43



Tgt Ion:264 Resp: 408887
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.6 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.852 ng m

RT: 14.998 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF134626.D

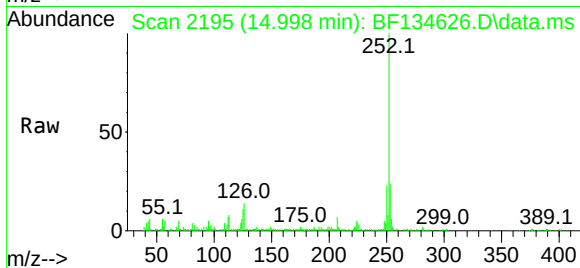
Acq: 04 Aug 2023 11:43

Instrument :

BNA_F

ClientSampleId :

RPTP-11-CS-11



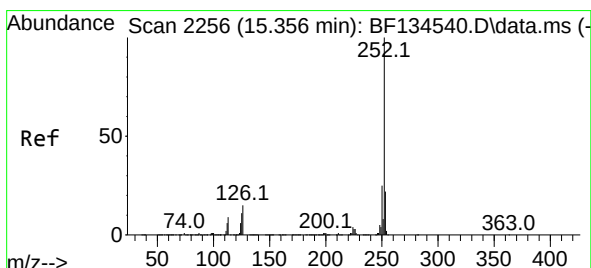
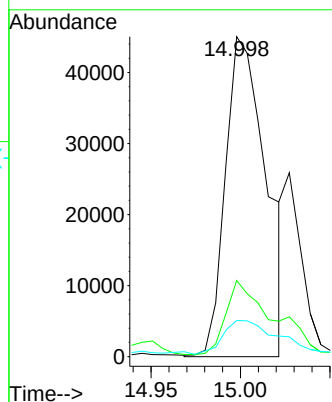
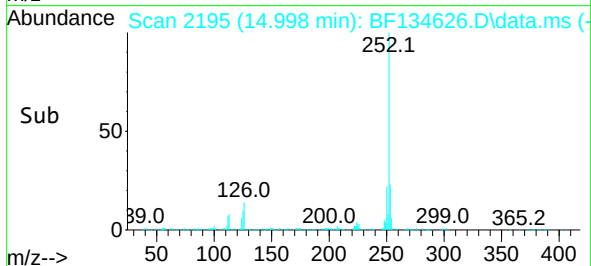
Tgt Ion:252	Resp:	7111
Ion Ratio	Lower	Upper
252	100	
253	23.8	17.3 25.9
125	11.3	6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#90

Benzo(a)pyrene

Concen: 2.071 ng

RT: 15.363 min Scan# 2257

Delta R.T. -0.018 min

Lab File: BF134626.D

Acq: 04 Aug 2023 11:43

Tgt Ion:252	Resp:	48151
Ion Ratio	Lower	Upper
252	100	
253	18.5	17.0 25.4
125	11.9	6.2 9.4

