

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134623.D
 Acq On : 04 Aug 2023 10:08
 Operator : CG\JU
 Sample : 03686-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-0-2-20230721

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 10:27:54 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	347777	40.000	ng	0.00
21) Naphthalene-d8	8.075	136	1360210	40.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	699593	40.000	ng	0.00
64) Phenanthrene-d10	11.322	188	1193032	40.000	ng	# 0.00
76) Chrysene-d12	13.969	240	682171	40.000	ng	0.00
86) Perylene-d12	15.439	264	866704	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	955006	83.485	ng	0.00
7) Phenol-d6	6.428	99	1252388	85.646	ng	-0.01
23) Nitrobenzene-d5	7.357	82	736174	67.645	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	323999	90.862	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1397463	66.426	ng	-0.01
79) Terphenyl-d14	12.916	244	1284697	66.398	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.339	178	71146	2.245	ng	98
75) Fluoranthene	12.533	202	105401	3.149	ng	97
78) Pyrene	12.757	202	89784	3.042	ng	98
88) Benzo(b)fluoranthene	15.004	252	62516m	2.365	ng	

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

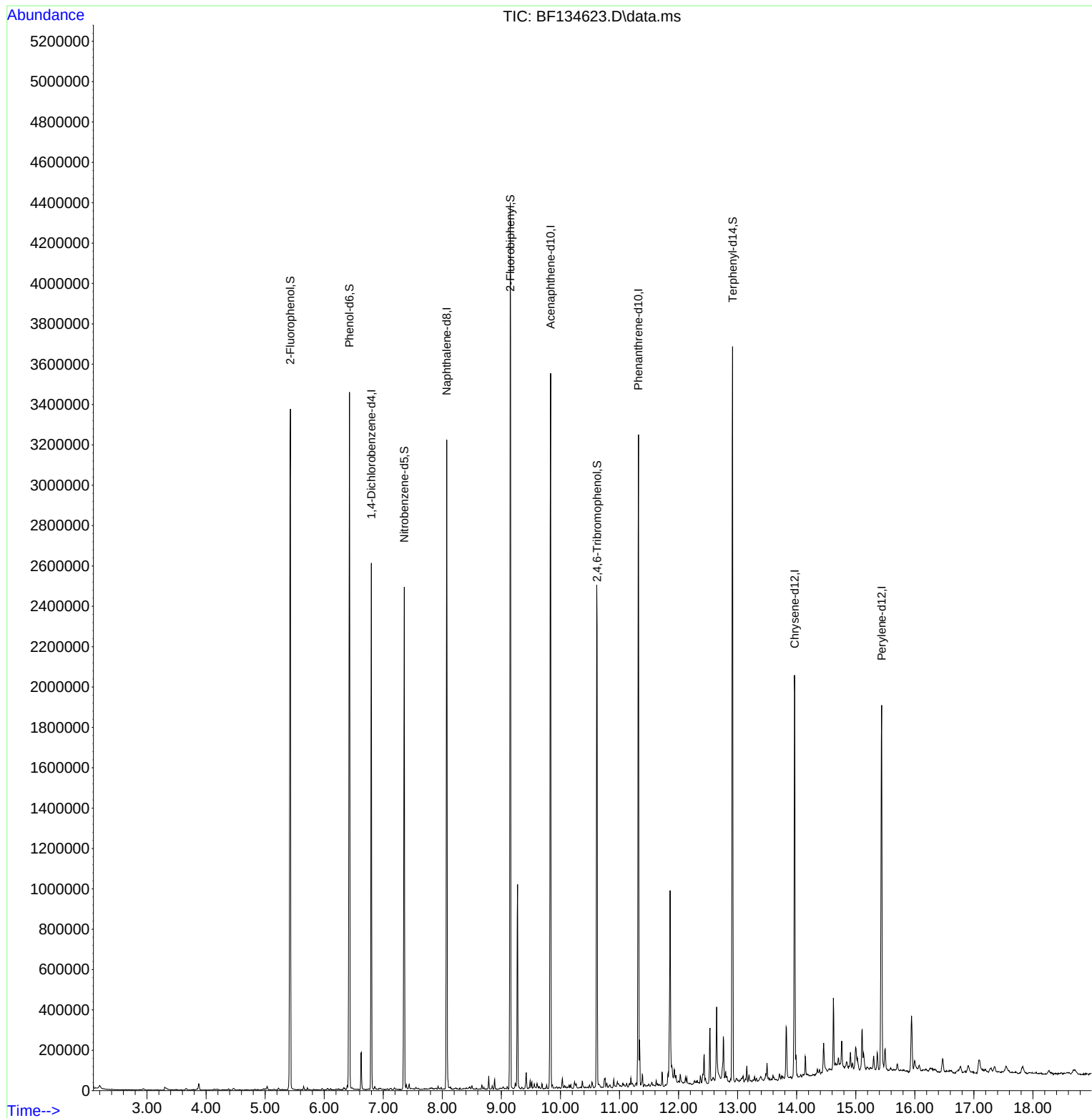
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
Data File : BF134623.D
Acq On : 04 Aug 2023 10:08
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Sample : 03686-16
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ALS Vial : 4 Sample Multiplier: 2

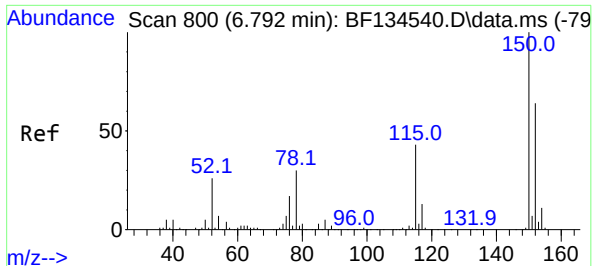
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721

Quant Time: Aug 04 10:27:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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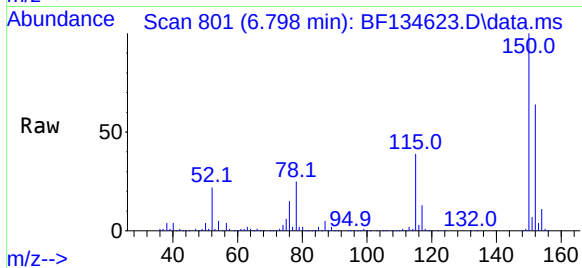
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

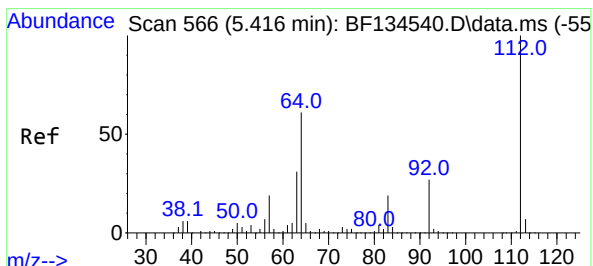
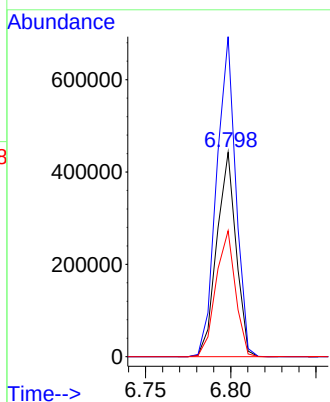
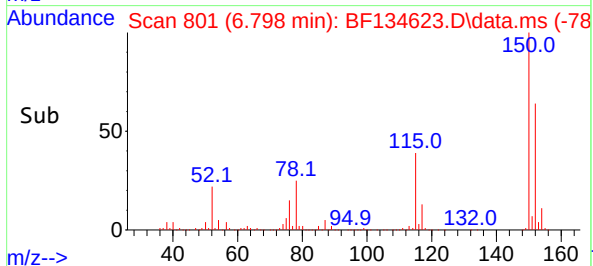
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721



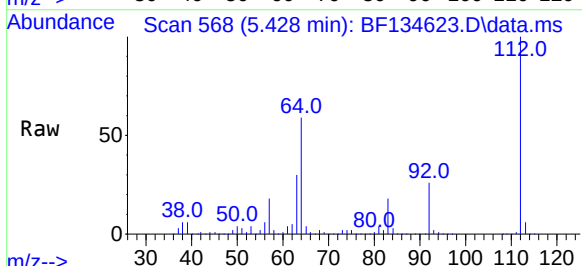
Tgt Ion:152 Resp: 34777
Ion Ratio Lower Upper
152 100
150 156.6 128.3 192.5
115 61.6 52.4 78.6

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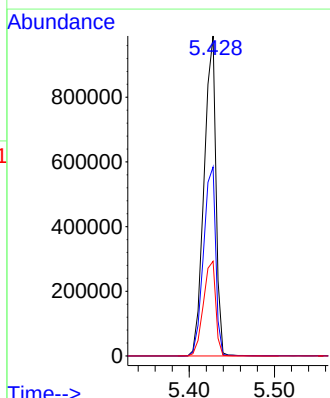
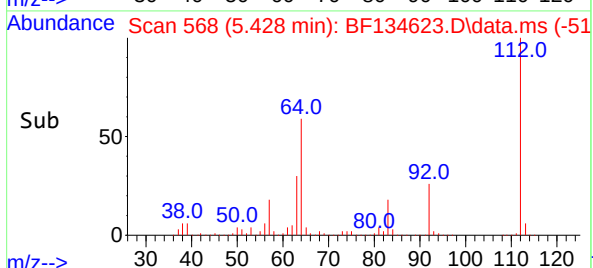
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

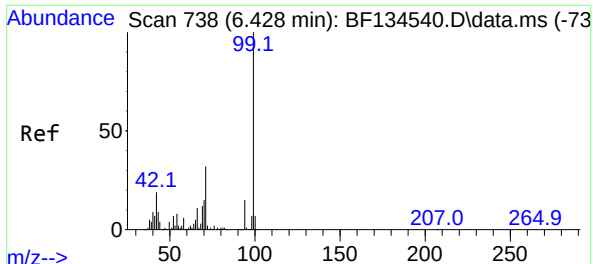


#5
2-Fluorophenol
Concen: 83.485 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08



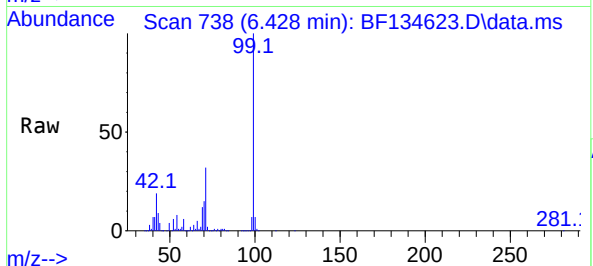
Tgt Ion:112 Resp: 955006
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 29.6 25.4 38.0





#7
Phenol-d6
Concen: 85.646 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

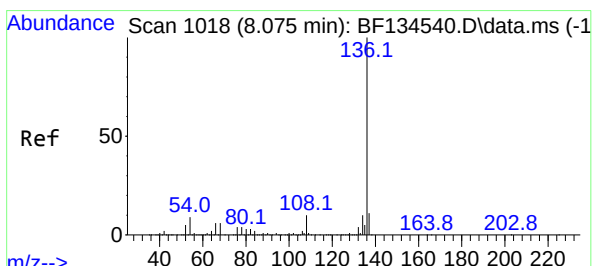
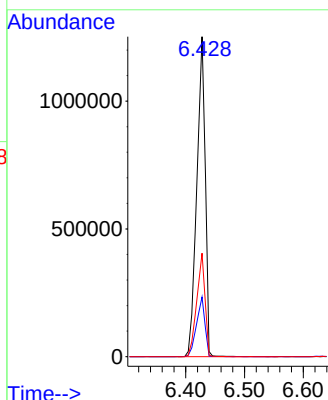
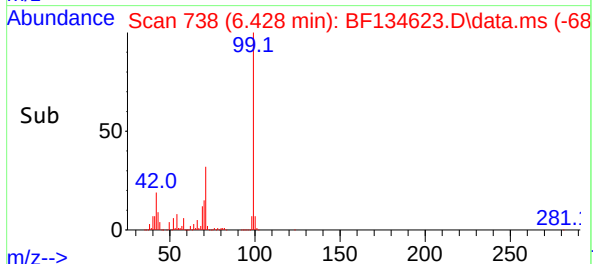
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721



Tgt Ion: 99 Resp: 125238
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 32.3 36.4 54.6#

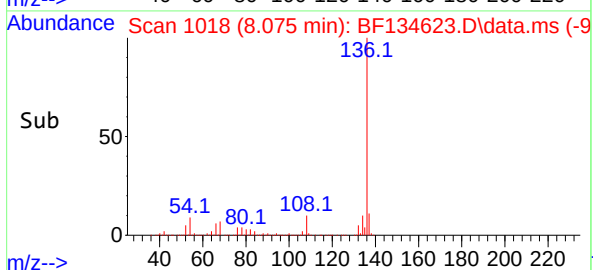
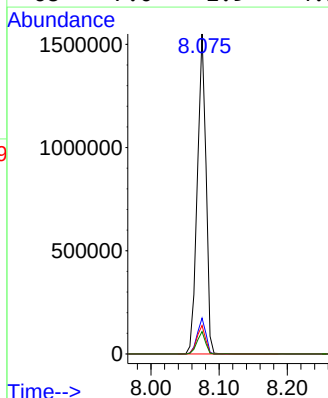
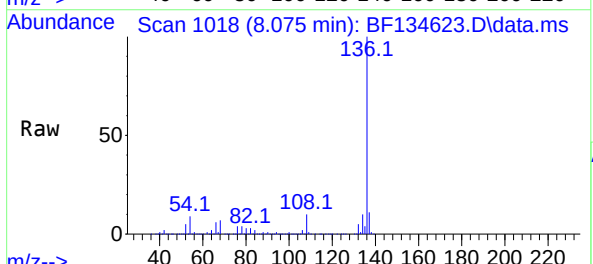
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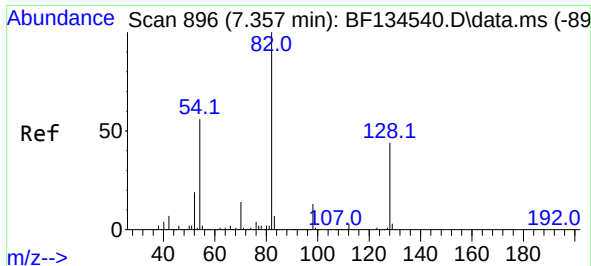
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

Tgt Ion:136 Resp: 1360210
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.9 5.2 7.8#
68 7.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 67.645 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134623.D

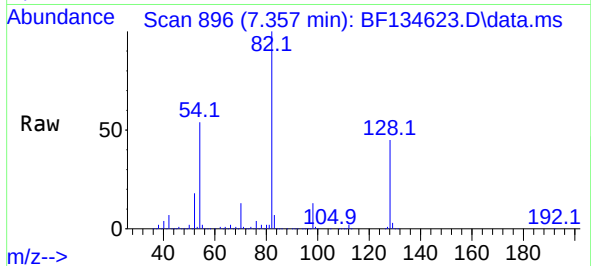
Acq: 04 Aug 2023 10:08

Instrument :

BNA_F

ClientSampleId :

SB-28-0-2-20230721



Tgt Ion: 82 Resp: 736174

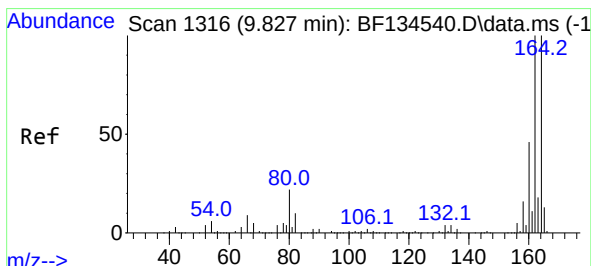
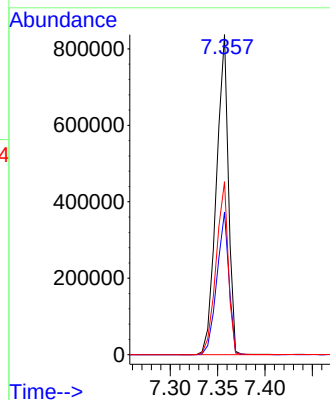
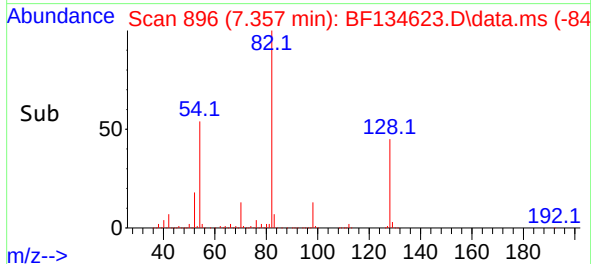
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.3	51.5
54	54.0	43.8	65.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#39

Acenaphthene-d10

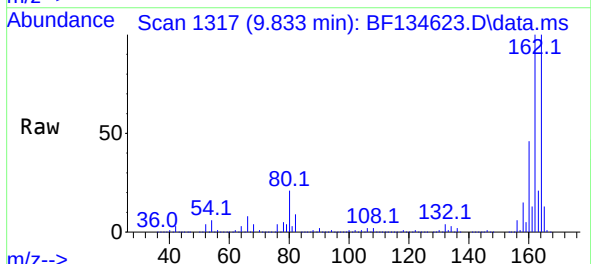
Concen: 40.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

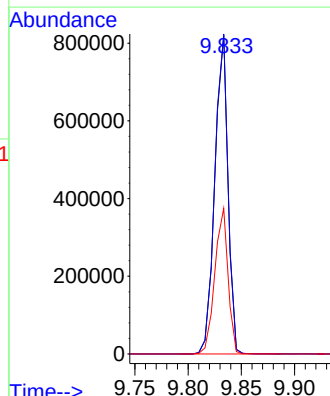
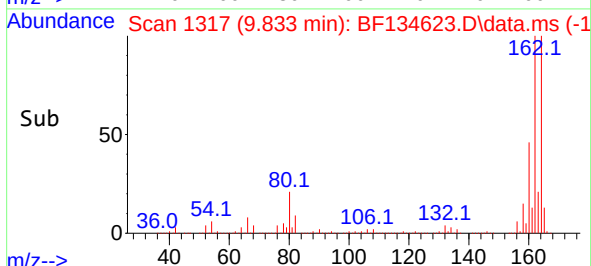
Lab File: BF134623.D

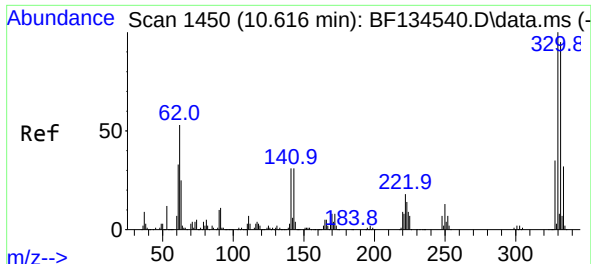
Acq: 04 Aug 2023 10:08



Tgt Ion:164 Resp: 699593

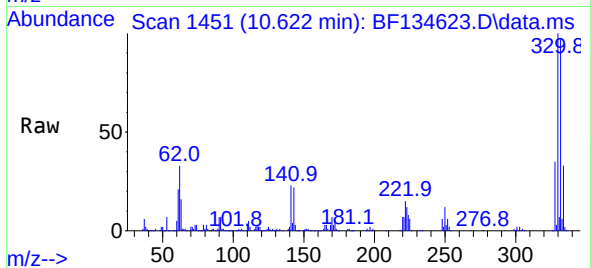
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	45.7	37.2	55.8





#42
2,4,6-Tribromophenol
Concen: 90.862 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

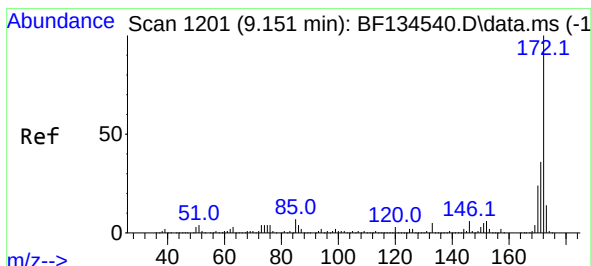
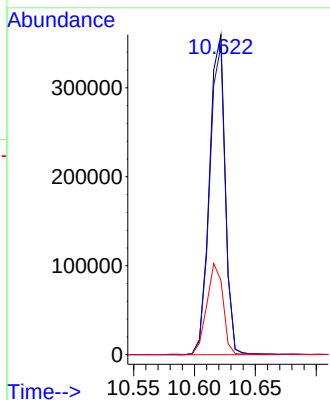
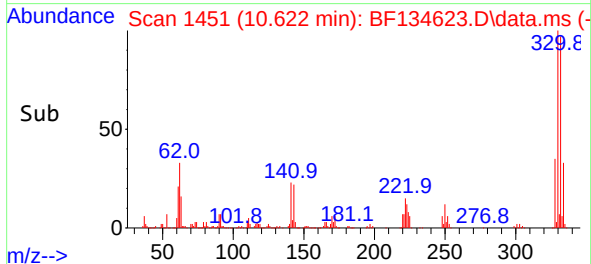
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721



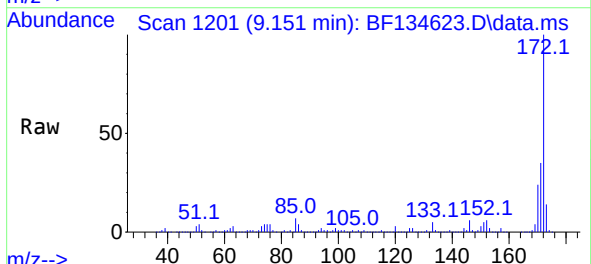
Tgt Ion:330 Resp: 323999
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 29.5 25.4 38.2

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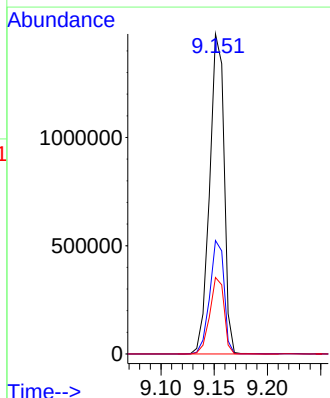
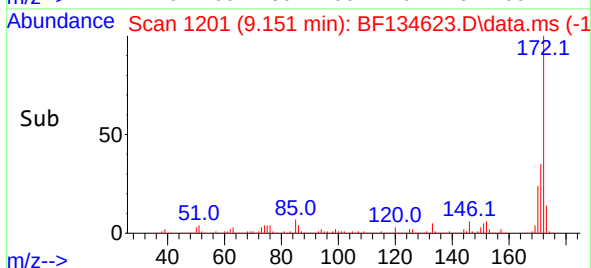
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

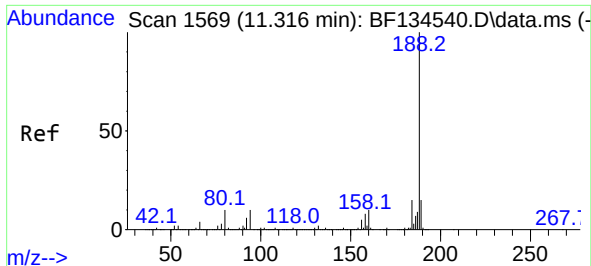


#45
2-Fluorobiphenyl
Concen: 66.426 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08



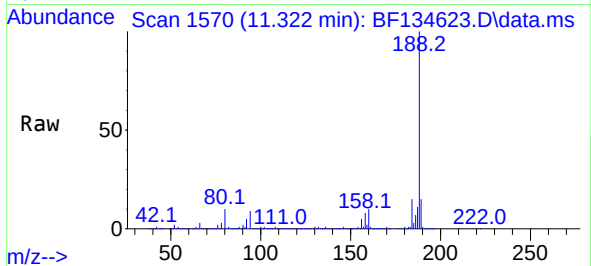
Tgt Ion:172 Resp: 1397463
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.9 18.7 28.1





#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.322 min Scan# 119303
Delta R.T. 0.000 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

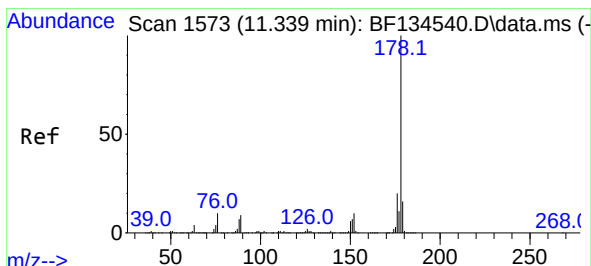
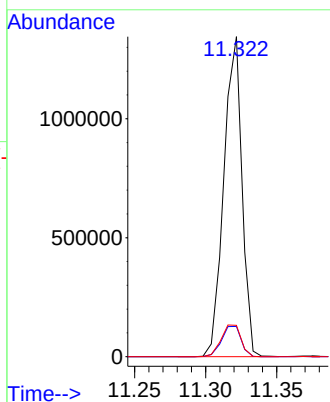
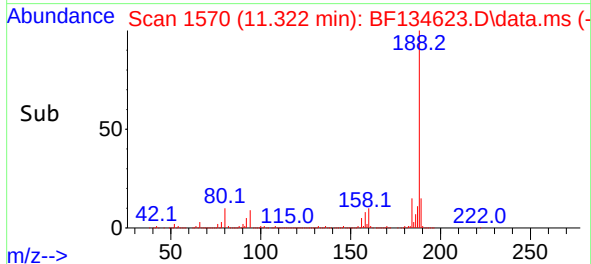
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721



Tgt Ion:188 Resp: 119303
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7
80 9.8 6.6 9.8

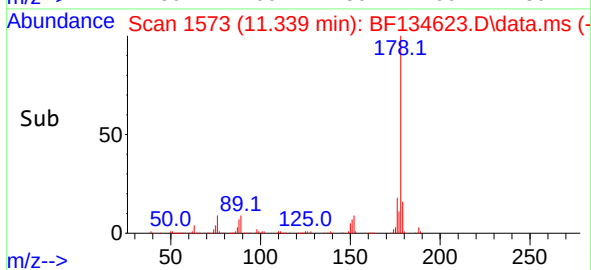
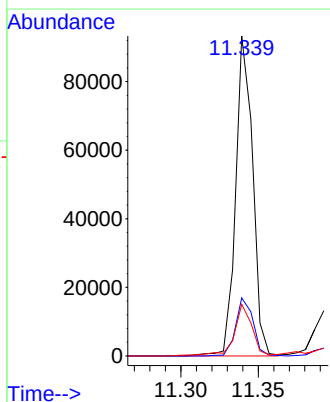
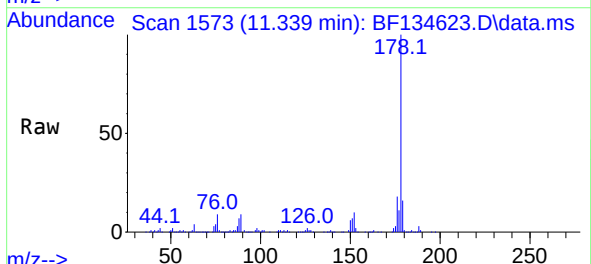
Manual Integrations
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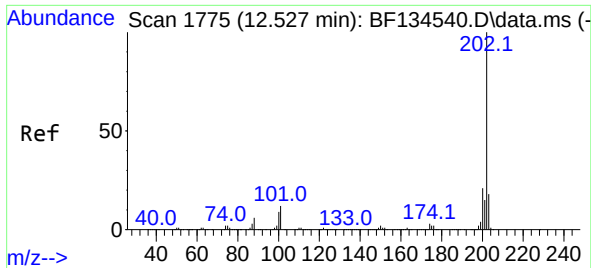
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#71
Phenanthrene
Concen: 2.245 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

Tgt Ion:178 Resp: 71146
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 16.1 12.7 19.1





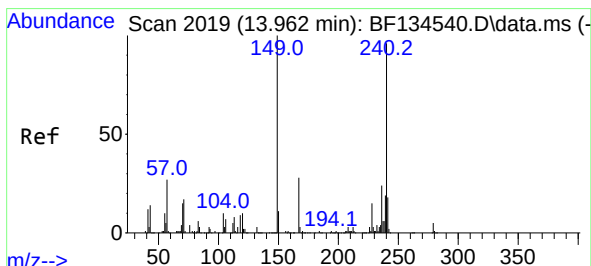
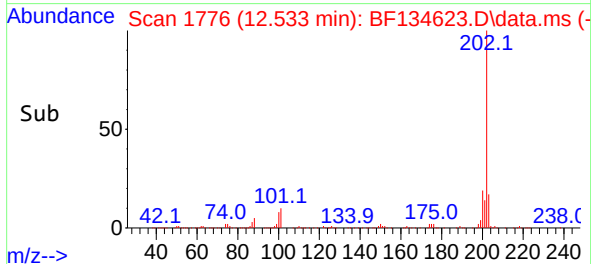
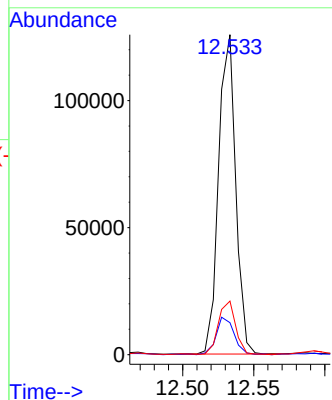
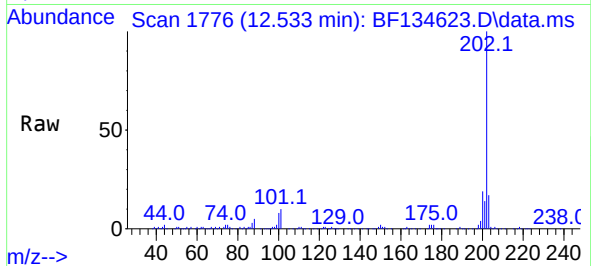
#75
Fluoranthene
Concen: 3.149 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721

Tgt Ion:202 Resp: 10540
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.5
203 16.8 0.0 37.5

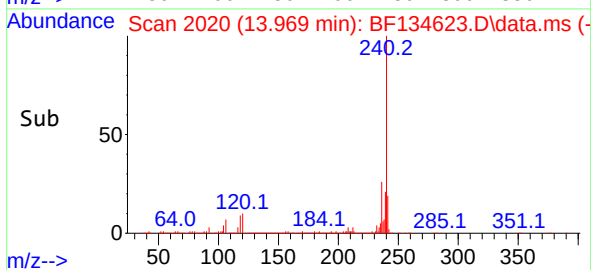
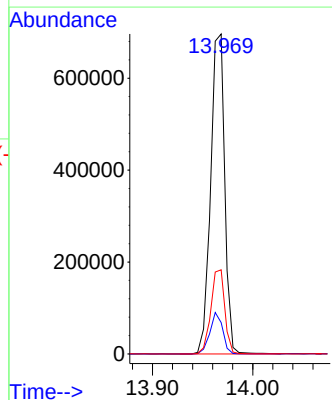
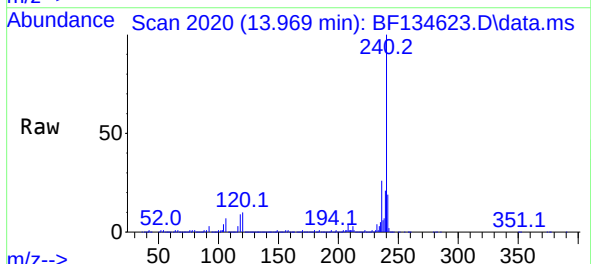
Manual Integrations
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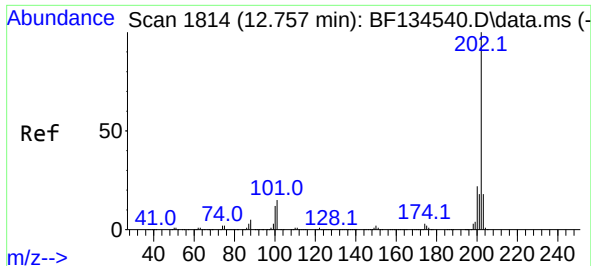
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

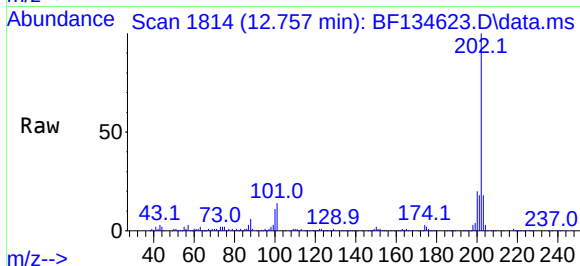
Tgt Ion:240 Resp: 682171
Ion Ratio Lower Upper
240 100
120 9.8 6.6 10.0
236 26.3 20.2 30.2





#78
Pyrene
Concen: 3.042 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

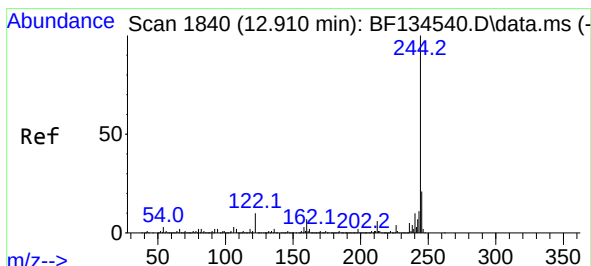
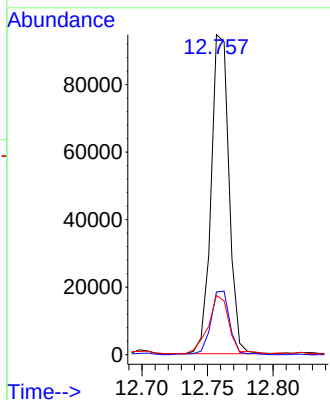
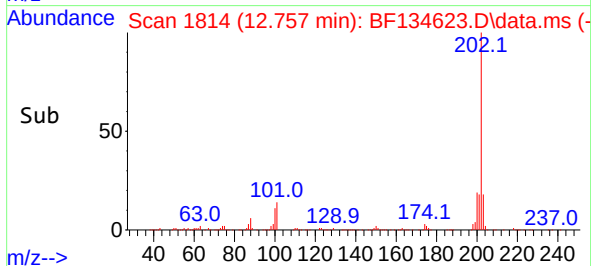
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721



Tgt Ion:202 Resp: 89784
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 18.5 13.5 20.3

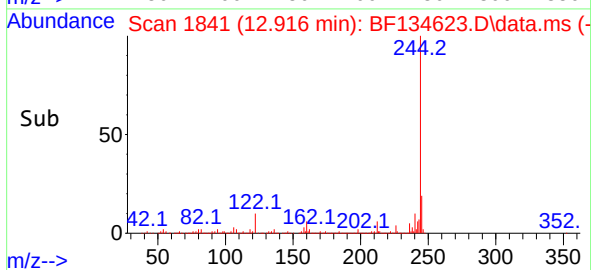
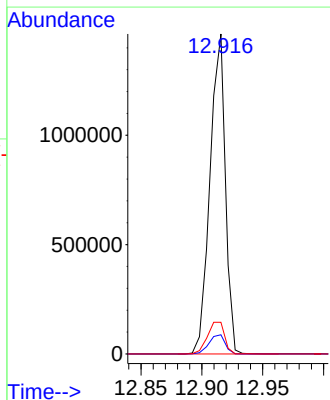
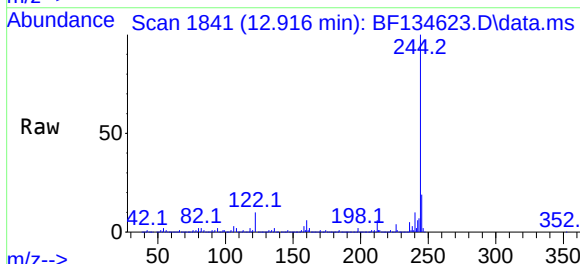
Manual Integrations
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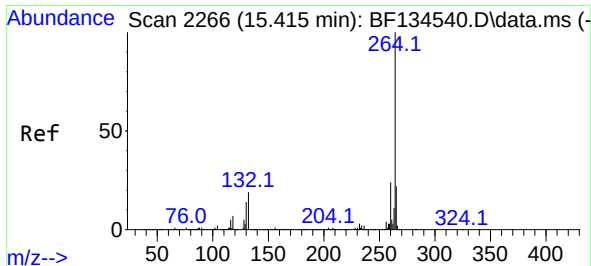
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#79
Terphenyl-d14
Concen: 66.398 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

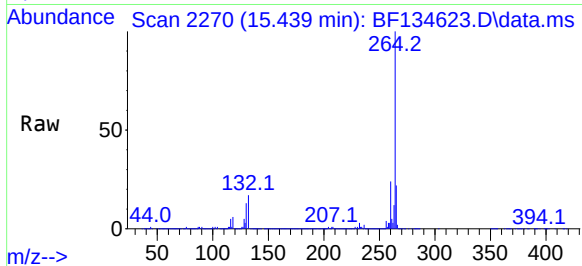
Tgt Ion:244 Resp: 1284697
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 9.9 8.0 12.0





#86
Perylene-d12
Concen: 40.000 ng
RT: 15.439 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08

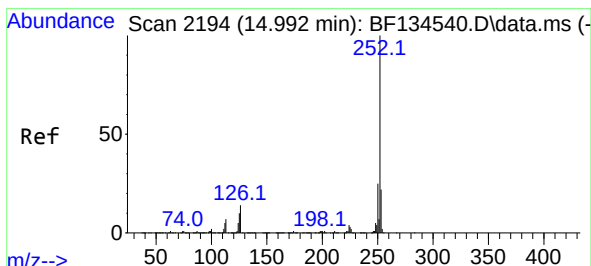
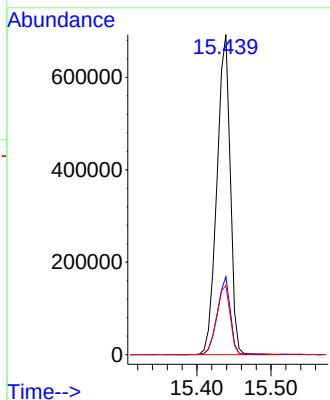
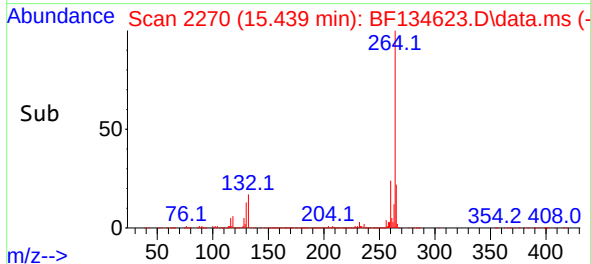
Instrument :
BNA_F
ClientSampleId :
SB-28-0-2-20230721



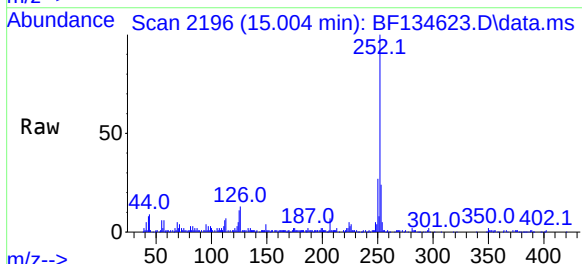
Tgt Ion:264 Resp: 866704
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.6 15.8 23.8

Manual Integrations
APPROVED

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



#88
Benzo(b)fluoranthene
Concen: 2.365 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134623.D
Acq: 04 Aug 2023 10:08



Tgt Ion:252 Resp: 62516
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 11.0 6.0 9.0#

