

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134864.D
 Acq On : 21 Aug 2023 13:13
 Operator : CG\JU
 Sample : 04086-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP06B

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 13:37:19 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	6.792	152	177782	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	738029	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	389101	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	692951	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	381961	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	394779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	860072	73.539	ng	0.00
7) Phenol-d6	6.434	99	1089596	72.881	ng	0.00
23) Nitrobenzene-d5	7.351	82	676606	57.292	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	338627	85.371	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1302574	55.661	ng	-0.02
79) Terphenyl-d14	12.910	244	1307448	60.343	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.339	178	96855	2.631	ng	98
75) Fluoranthene	12.527	202	130077	3.346	ng	96
78) Pyrene	12.757	202	220005	6.656	ng	98
81) Benzo(a)anthracene	13.951	228	79531	2.912	ng	99
83) Chrysene	13.986	228	79130	2.974	ng	99
88) Benzo(b)fluoranthene	15.004	252	57180m	2.375	ng	
90) Benzo(a)pyrene	15.368	252	54812	2.442	ng	# 96

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

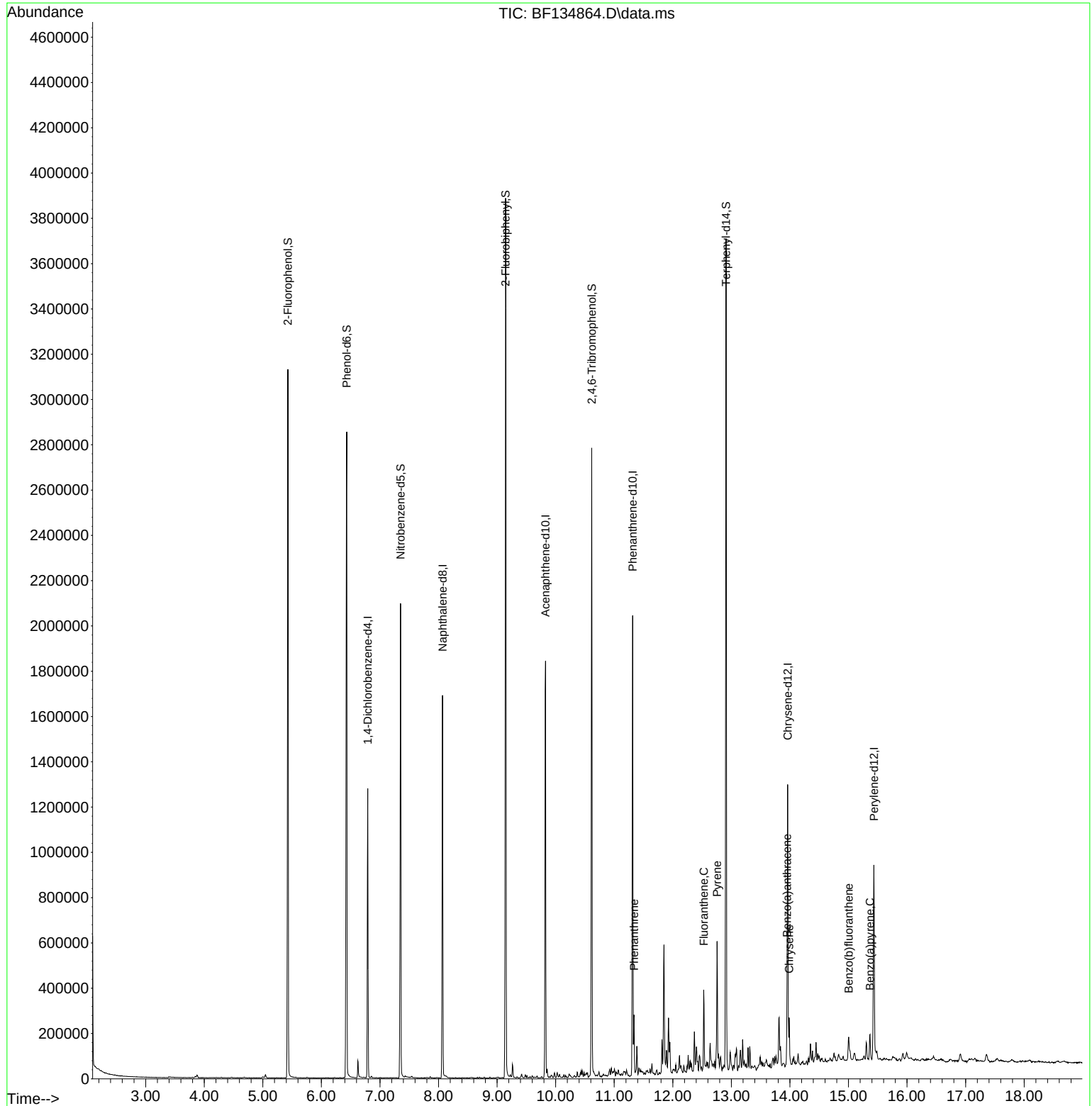
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134864.D
Acq On : 21 Aug 2023 13:13
Operator : CG\JU
Sample : 04086-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

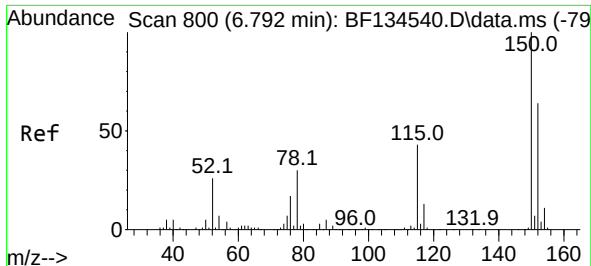
Instrument :
BNA_F
ClientSampleId :
B-PP06B

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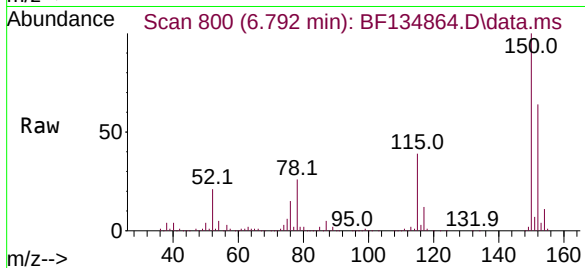
Quant Time: Aug 21 13:37:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF134864.D
 Acq: 21 Aug 2023 13:13

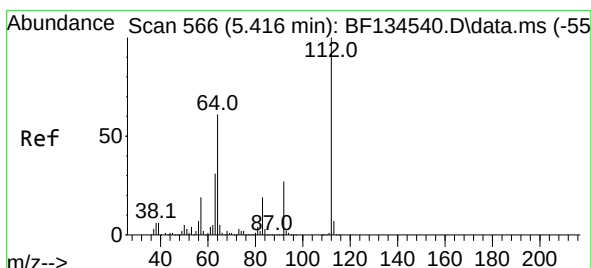
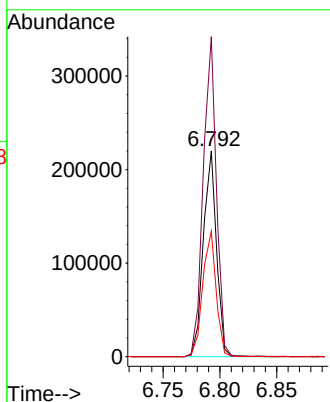
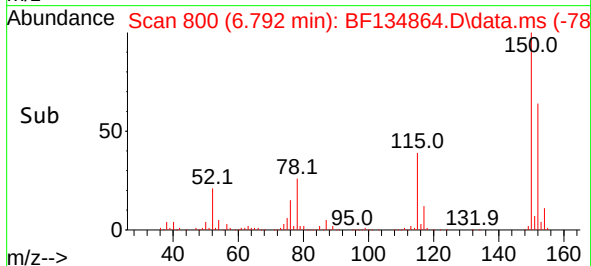
Instrument :
 BNA_F
 ClientSampleId :
 B-PP06B



Tgt Ion:152 Resp: 177782
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.3 192.5
 115 60.9 52.4 78.6

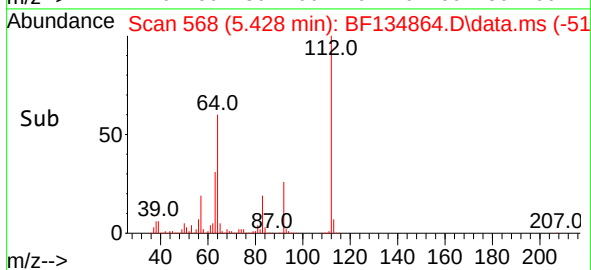
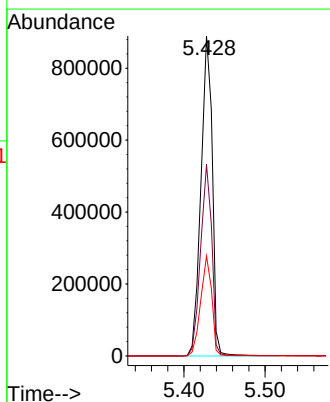
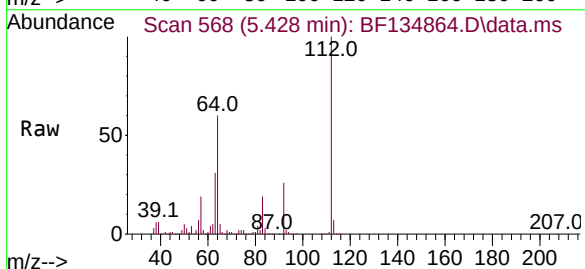
Manual Integrations
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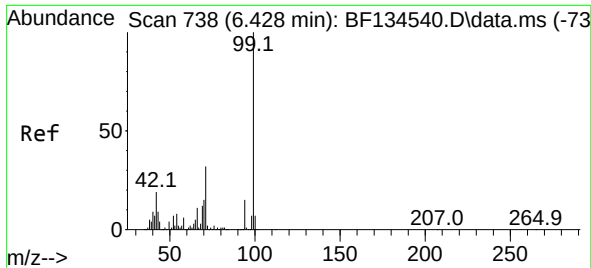
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#5
 2-Fluorophenol
 Concen: 73.539 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134864.D
 Acq: 21 Aug 2023 13:13

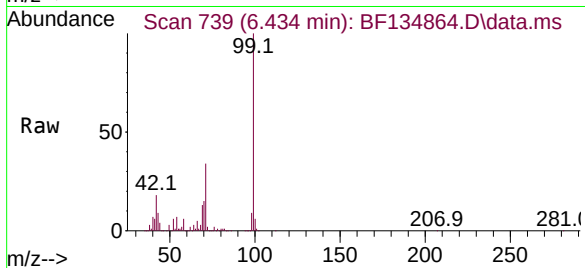
Tgt Ion:112 Resp: 860072
 Ion Ratio Lower Upper
 112 100
 64 59.8 44.9 67.3
 63 31.2 25.4 38.0





#7
Phenol-d6
Concen: 72.881 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

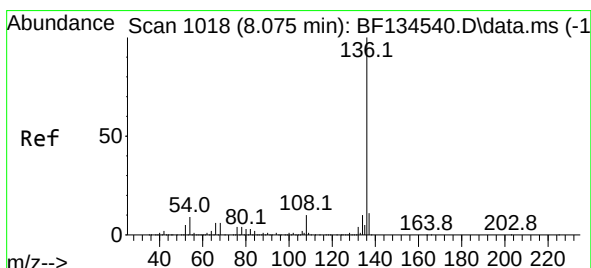
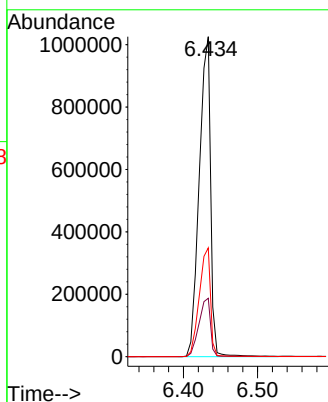
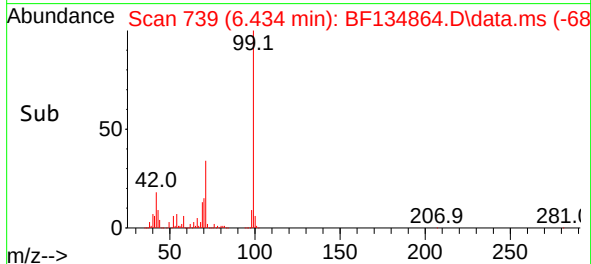
Instrument :
BNA_F
ClientSampleId :
B-PP06B



Tgt Ion: 99 Resp: 1089596
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 34.0 36.4 54.6#

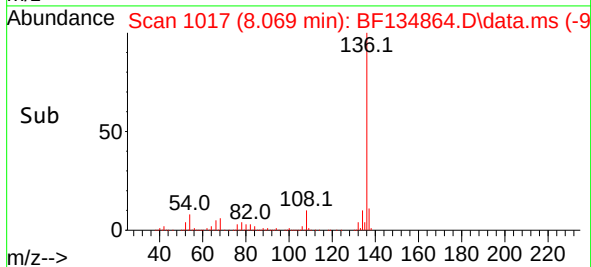
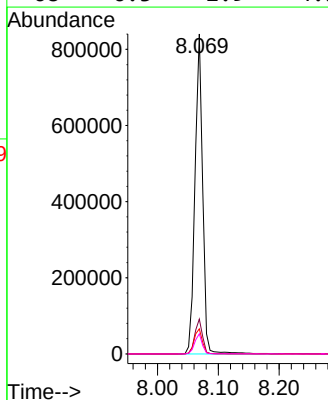
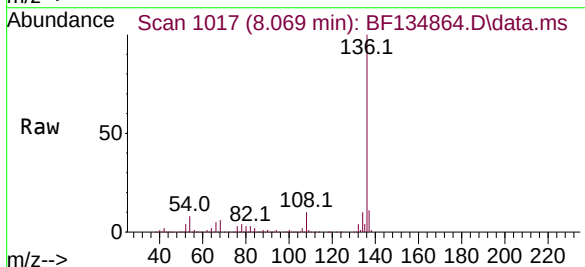
Manual Integrations
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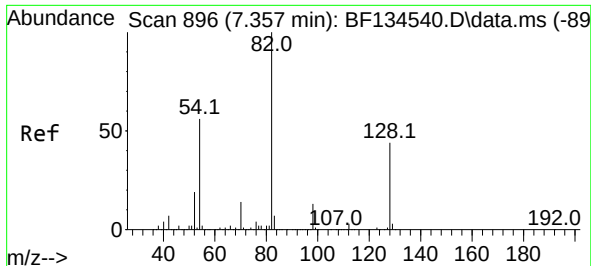
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

Tgt Ion:136 Resp: 738029
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 57.292 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134864.D

Acq: 21 Aug 2023 13:13

Instrument :

BNA_F

ClientSampleId :

B-PP06B

Tgt Ion: 82 Resp: 676600

Ion Ratio Lower Upper

82 100

128 44.8 34.3 51.5

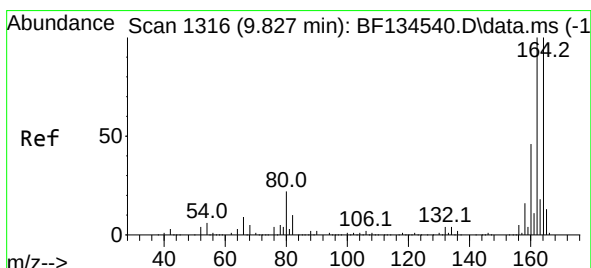
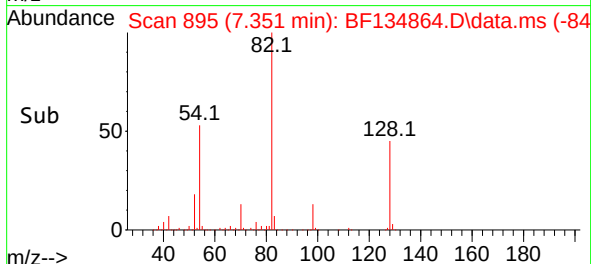
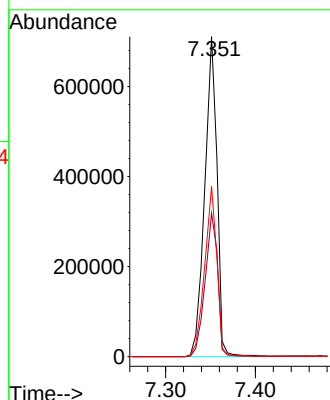
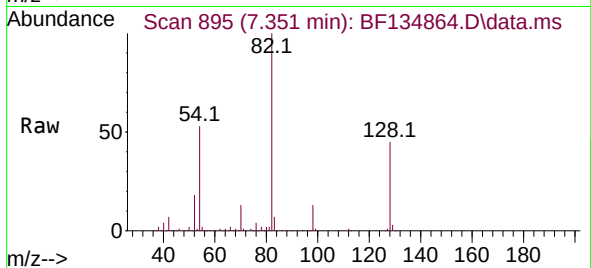
54 53.2 43.8 65.6

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134864.D

Acq: 21 Aug 2023 13:13

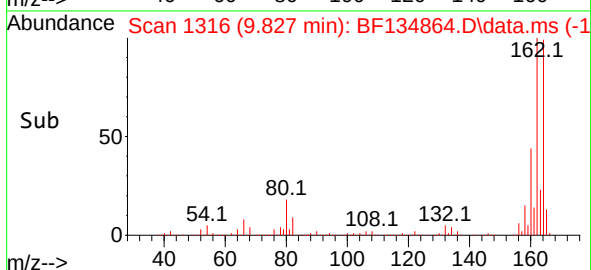
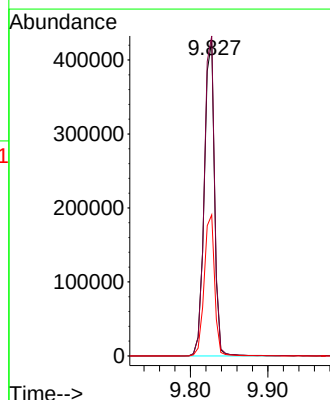
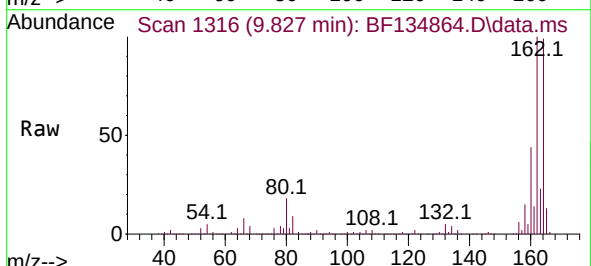
Tgt Ion:164 Resp: 389101

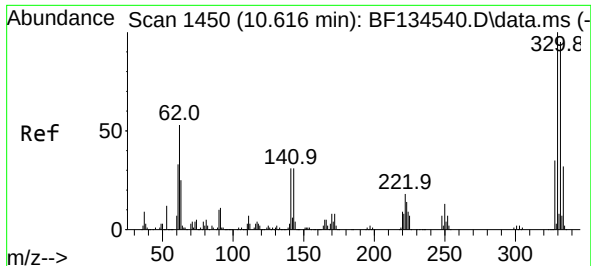
Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

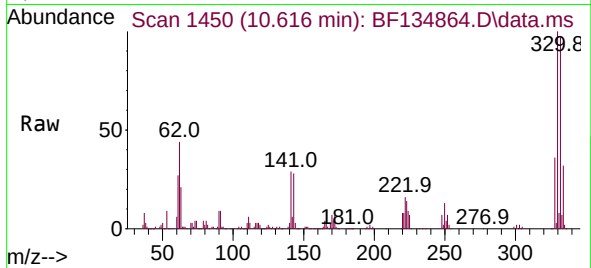
160 44.7 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 85.371 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

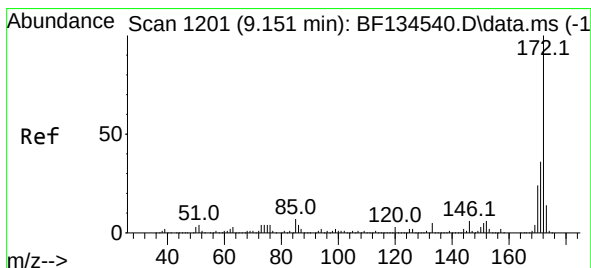
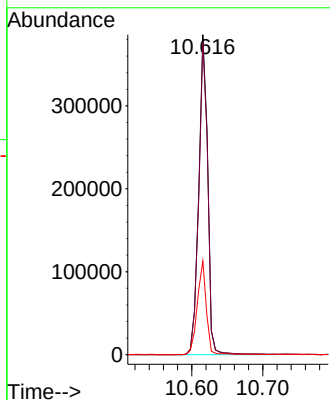
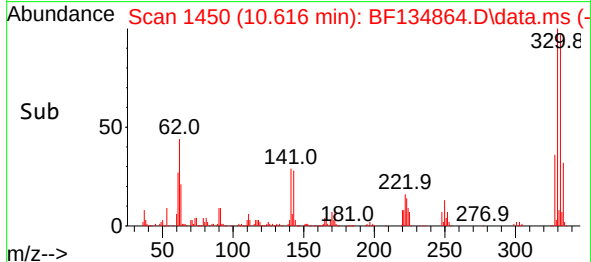
Instrument :
BNA_F
ClientSampleId :
B-PP06B



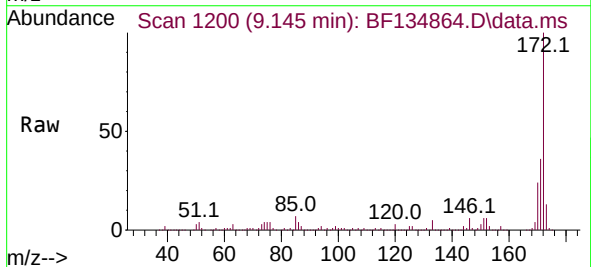
Tgt Ion: 330 Resp: 338627
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 29.5 25.4 38.2

Manual Integrations
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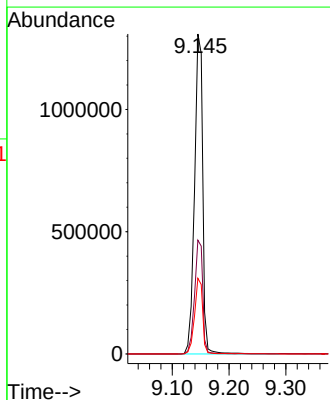
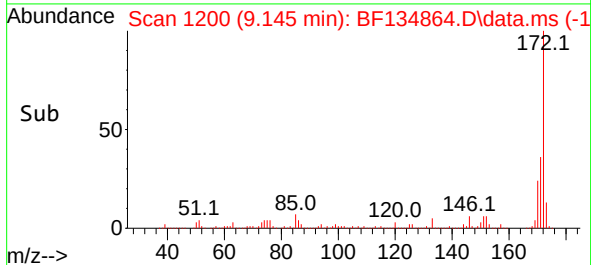
Reviewed By : Yogesh Patel 08/22/2023
Supervised By : mohammad ahmed 08/22/2023

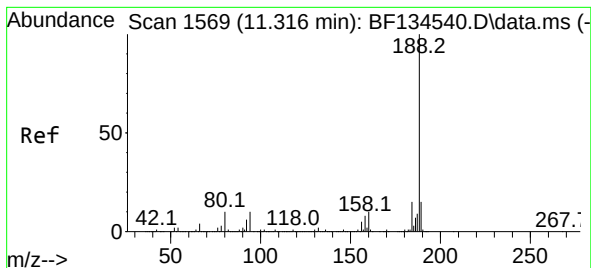


#45
2-Fluorobiphenyl
Concen: 55.661 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13



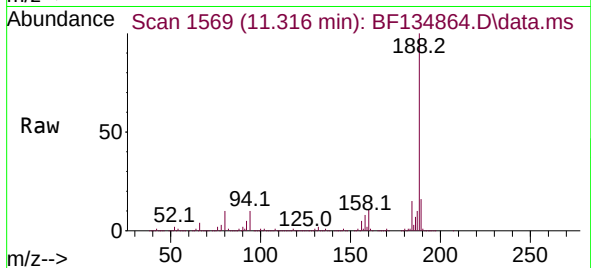
Tgt Ion: 172 Resp: 1302574
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

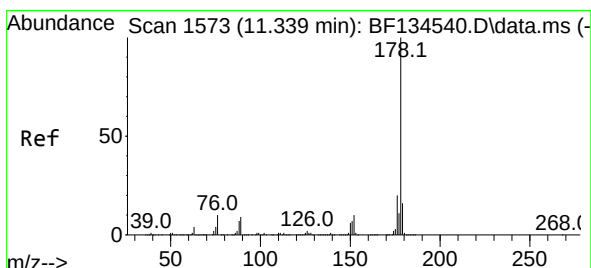
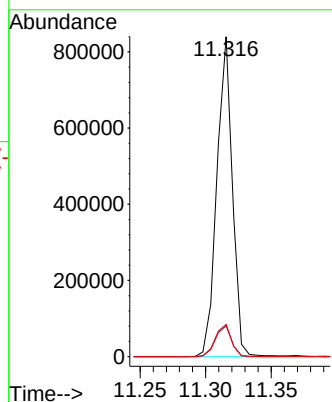
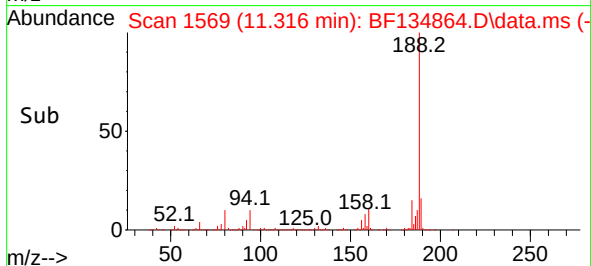
Instrument :
BNA_F
ClientSampleId :
B-PP06B



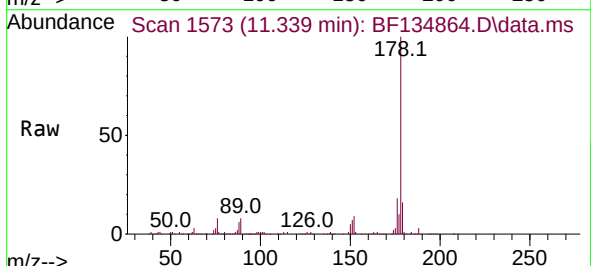
Tgt Ion:188 Resp: 69295
Ion Ratio Lower Upper
188 100
94 9.6 5.1 7.7
80 10.1 6.6 9.8

Manual Integrations
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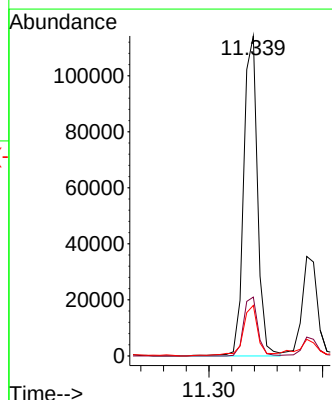
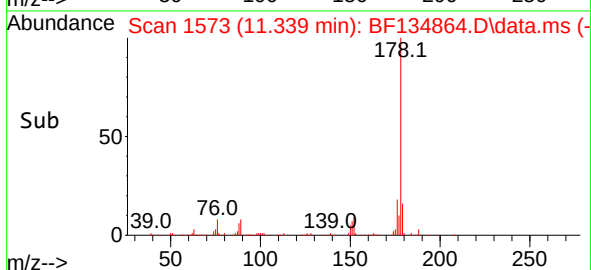
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

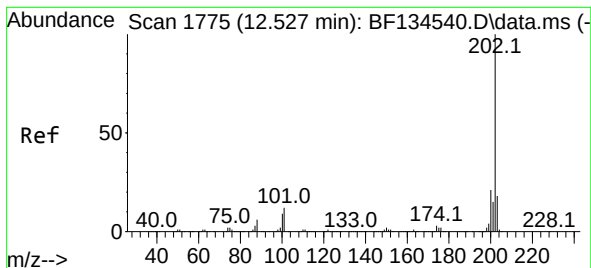


#71
Phenanthrene
Concen: 2.631 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13



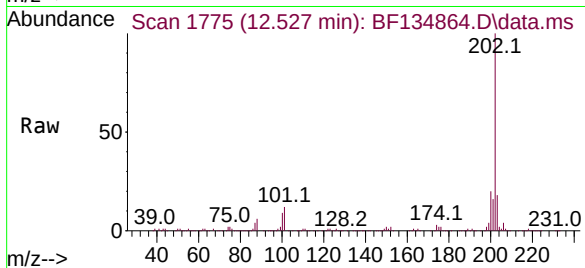
Tgt Ion:178 Resp: 96855
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.6
179 15.8 12.7 19.1





#75
Fluoranthene
Concen: 3.346 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

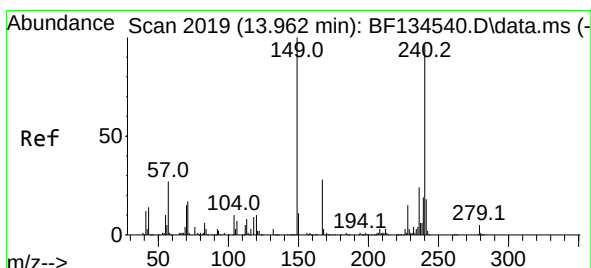
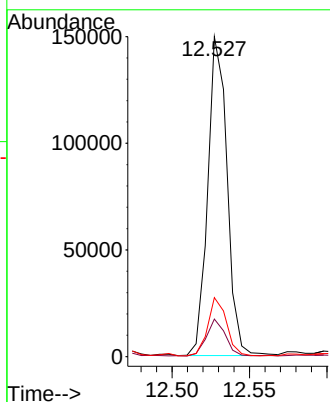
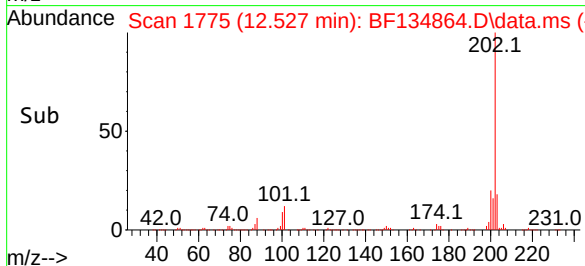
Instrument :
BNA_F
ClientSampleId :
B-PP06B



Tgt Ion:202 Resp: 130072
Ion Ratio Lower Upper
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101 11.7 0.0 28.5
203 18.4 0.0 37.5

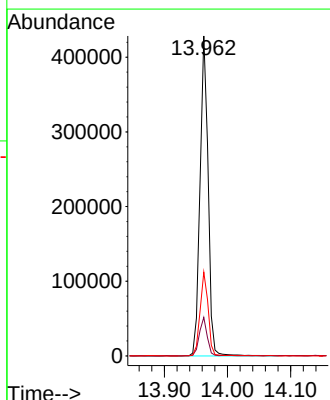
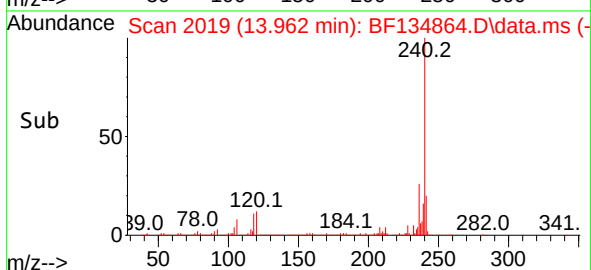
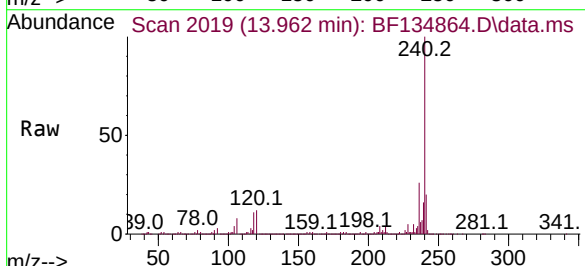
Manual Integrations
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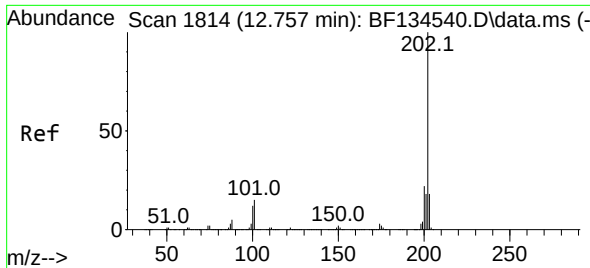
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

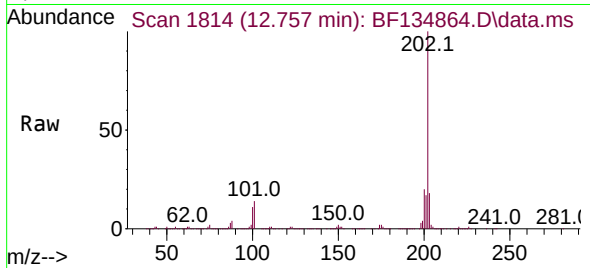
Tgt Ion:240 Resp: 381961
Ion Ratio Lower Upper
240 100
120 12.0 6.6 10.0#
236 26.2 20.2 30.2





#78
Pyrene
Concen: 6.656 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

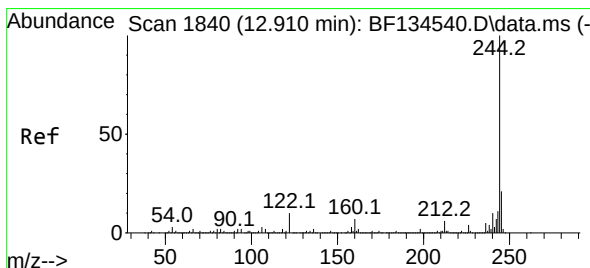
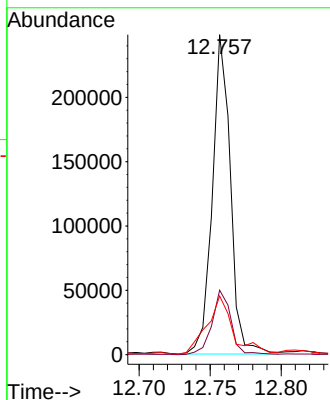
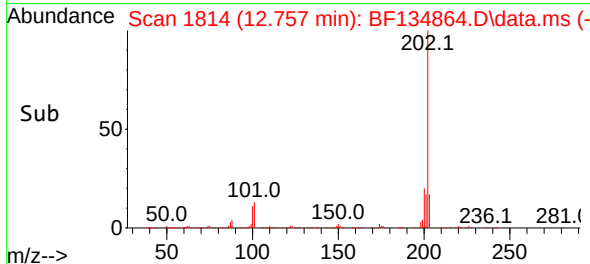
Instrument :
BNA_F
ClientSampleId :
B-PP06B



Tgt Ion:202 Resp: 220005
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 18.3 13.5 20.3

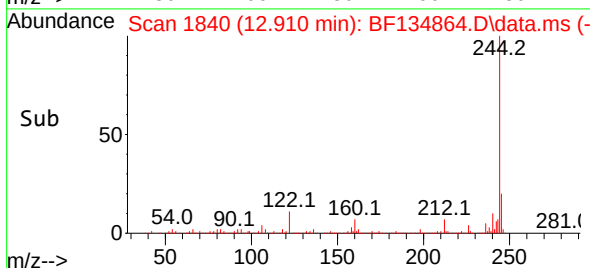
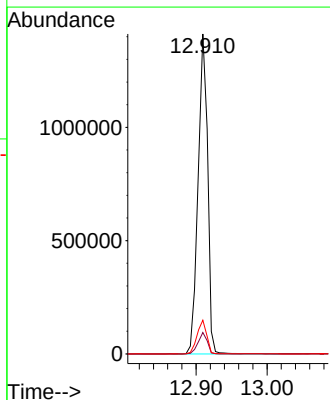
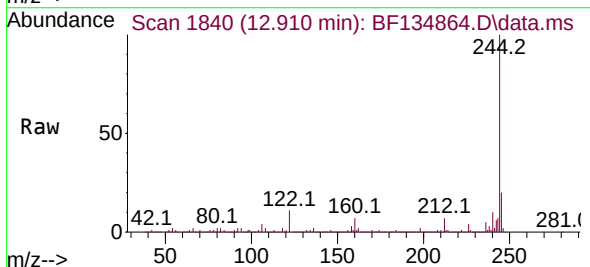
Manual Integrations
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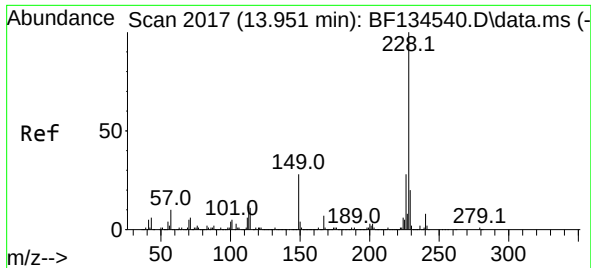
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#79
Terphenyl-d14
Concen: 60.343 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

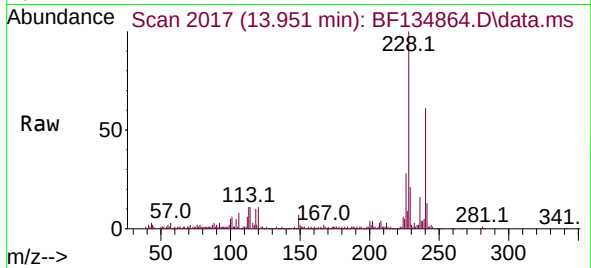
Tgt Ion:244 Resp: 1307448
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.5 8.0 12.0





#81
Benzo(a)anthracene
Concen: 2.912 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

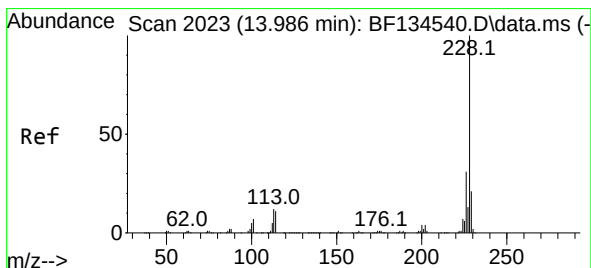
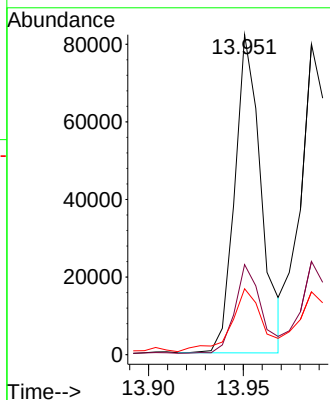
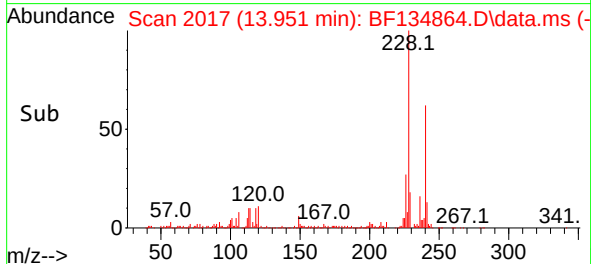
Instrument :
BNA_F
ClientSampleId :
B-PP06B



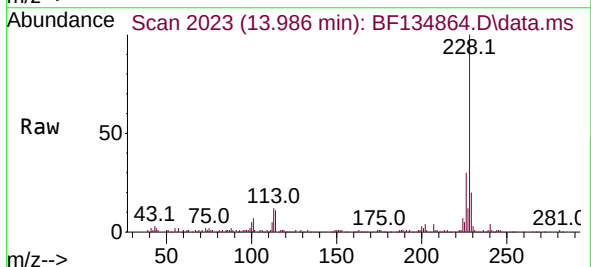
Tgt Ion:228 Resp: 79531
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.6 15.8 23.6

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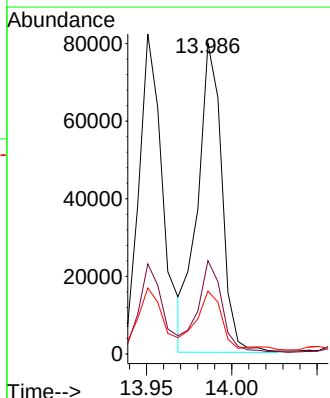
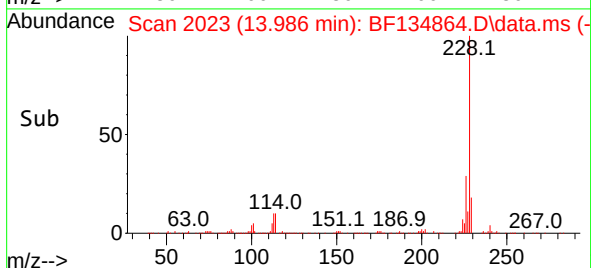
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

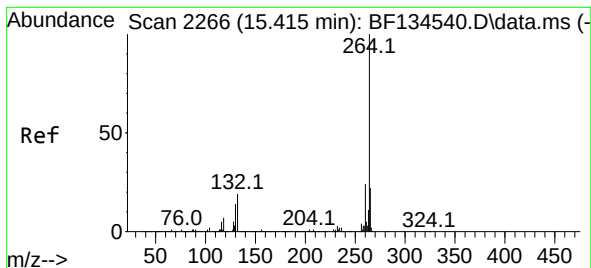


#83
Chrysene
Concen: 2.974 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13



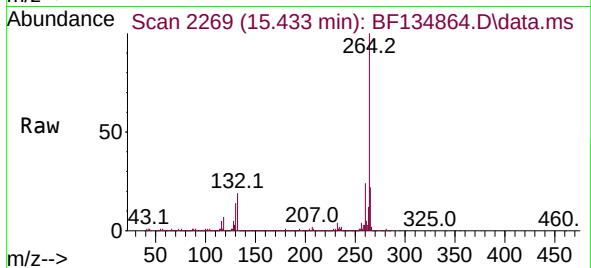
Tgt Ion:228 Resp: 79130
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.2 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

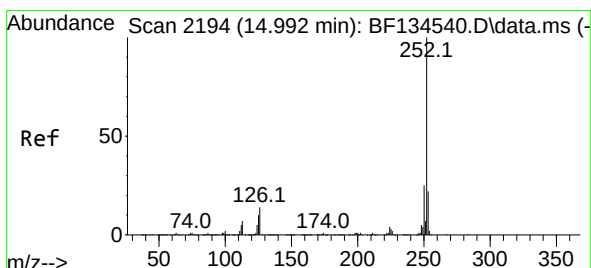
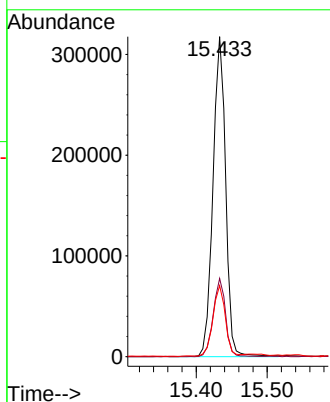
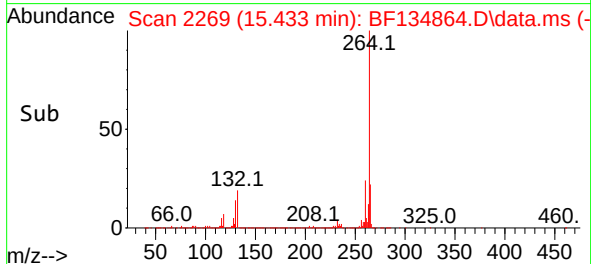
Instrument :
BNA_F
ClientSampleId :
B-PP06B



Tgt Ion:264 Resp: 394779
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 22.2 15.8 23.8

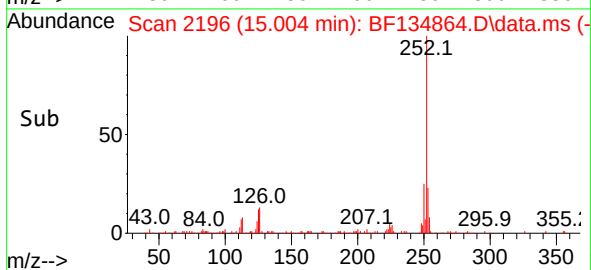
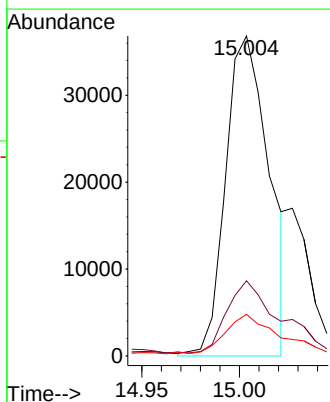
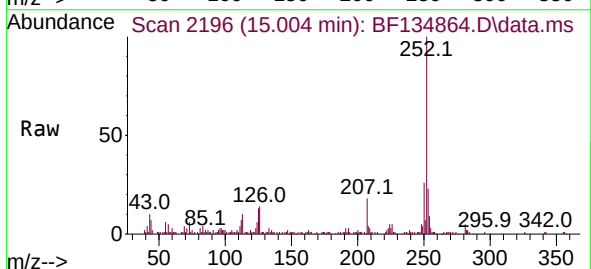
Manual Integrations
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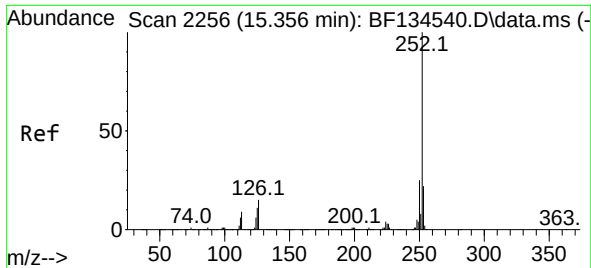
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#88
Benzo(b)fluoranthene
Concen: 2.375 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

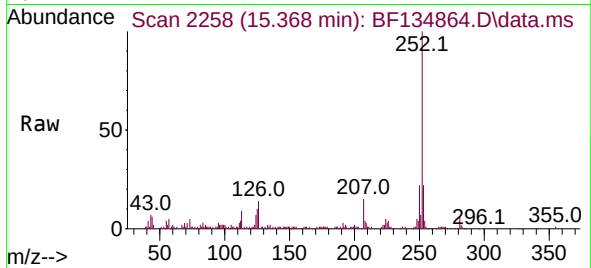
Tgt Ion:252 Resp: 57180
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 13.0 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 2.442 ng
RT: 15.368 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF134864.D
Acq: 21 Aug 2023 13:13

Instrument :
BNA_F
ClientSampleId :
B-PP06B



Tgt Ion:252 Resp: 54812
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 10.5 6.2 9.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

