

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134963.D
 Acq On : 28 Aug 2023 12:16
 Operator : CG\JU
 Sample : 04110-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-01(0-0.2)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:48:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	97994	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	388514	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	192462	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	326481	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	197642	20.000	ng	0.00
86) Perylene-d12	15.451	264	246463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	626447	101.941	ng	0.00
7) Phenol-d6	6.428	99	782685	99.675	ng	-0.01
23) Nitrobenzene-d5	7.351	82	496400	70.405	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	215417	95.035	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	866108	69.567	ng	-0.01
79) Terphenyl-d14	12.916	244	702578	48.893	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.339	178	55740	3.258	ng	99
75) Fluoranthene	12.539	202	63543	3.920	ng	99
78) Pyrene	12.769	202	60333	2.879	ng	99
81) Benzo(a)anthracene	13.963	228	28871	2.141	ng	96
83) Chrysene	13.998	228	27413	2.060	ng	96
88) Benzo(b)fluoranthene	15.015	252	43747m	3.146	ng	
90) Benzo(a)pyrene	15.380	252	31746	2.287	ng	# 94

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

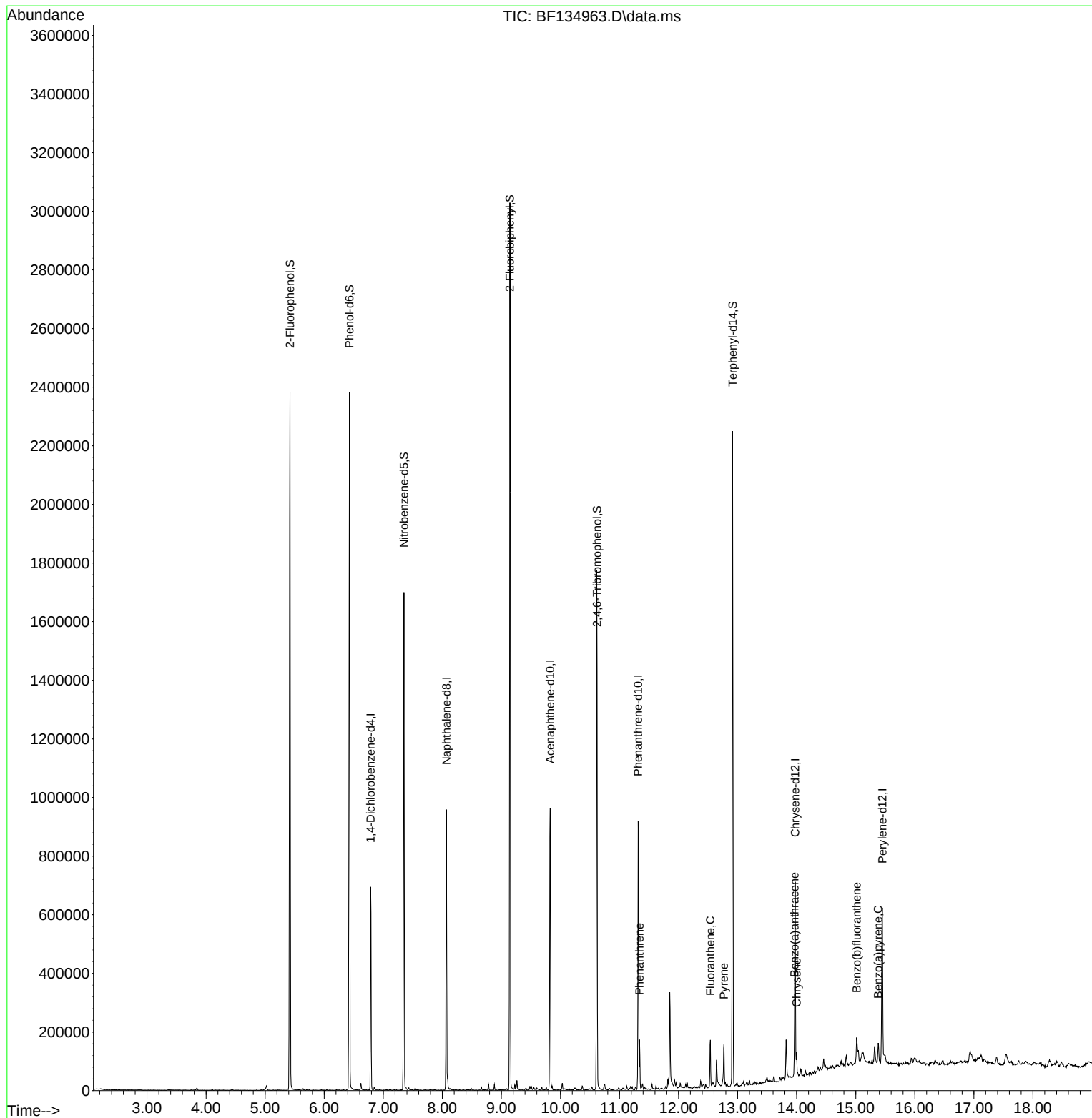
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134963.D
Acq On : 28 Aug 2023 12:16
Operator : CG\JU
Sample : 04110-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

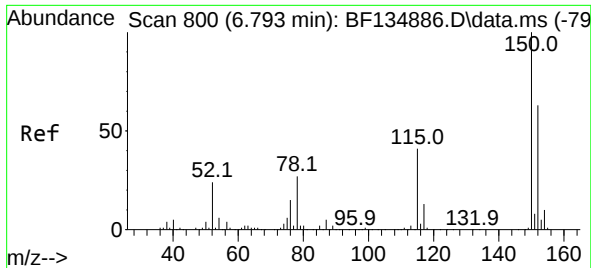
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)

Quant Time: Aug 29 03:48:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
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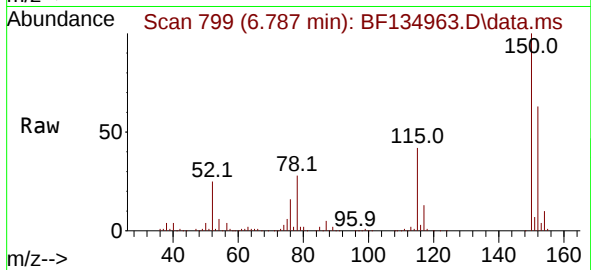
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

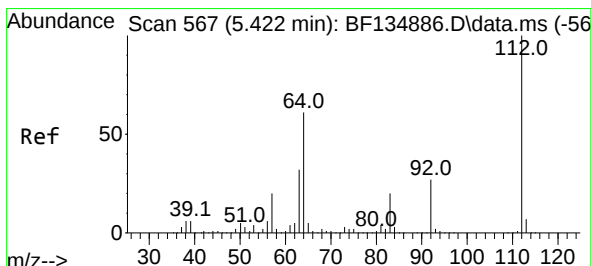
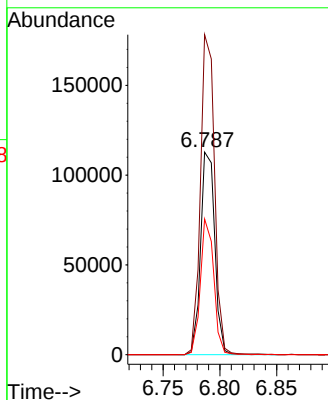
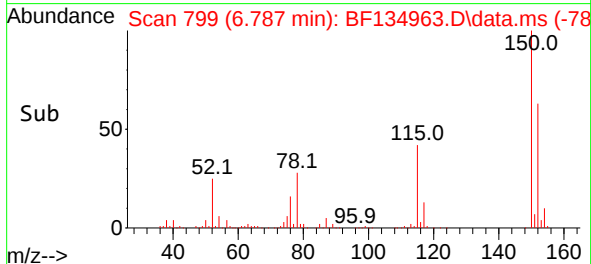
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion:152 Resp: 97994
Ion Ratio Lower Upper
152 100
150 158.0 126.1 189.1
115 67.0 51.1 76.7

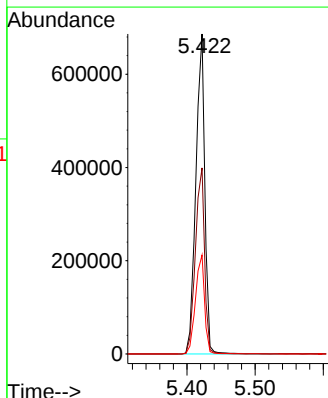
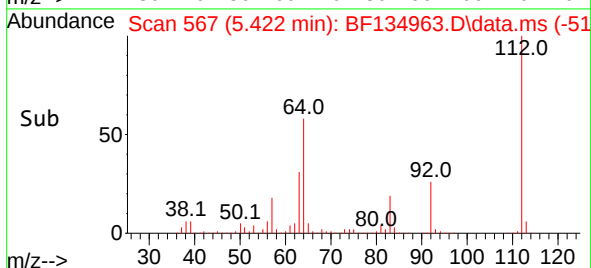
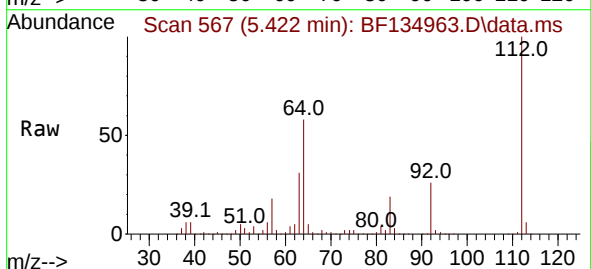
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Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#5
2-Fluorophenol
Concen: 101.941 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

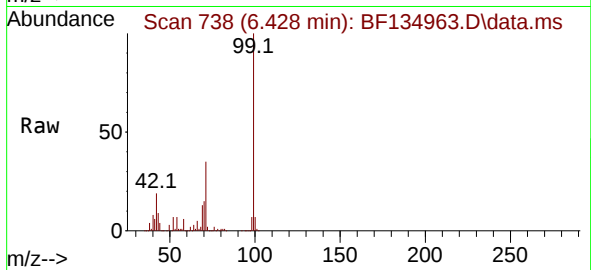
Tgt Ion:112 Resp: 626447
Ion Ratio Lower Upper
112 100
64 58.2 48.6 73.0
63 30.9 25.7 38.5





#7
Phenol-d6
Concen: 99.675 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

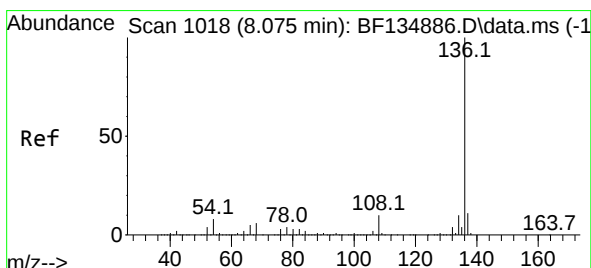
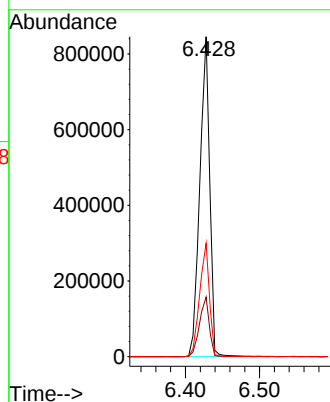
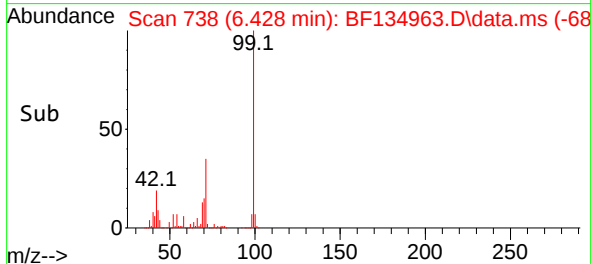
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion: 99 Resp: 782685
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 35.5 27.6 41.4

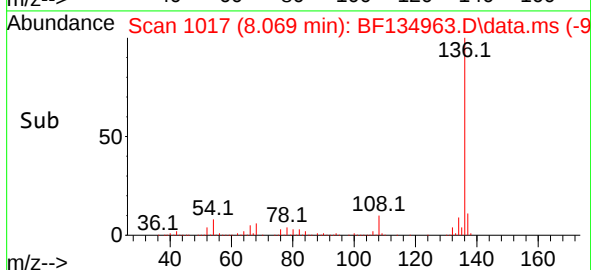
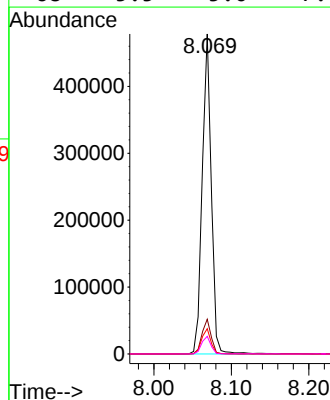
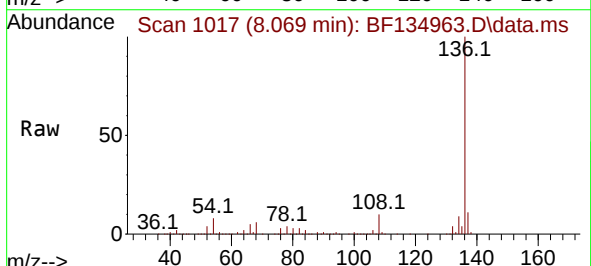
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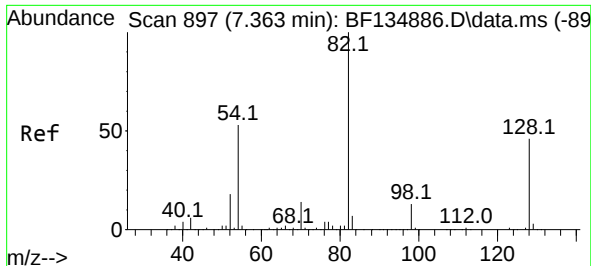
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

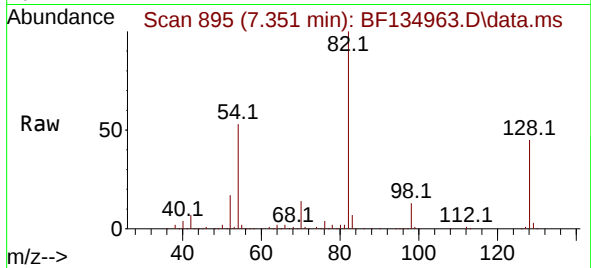
Tgt Ion:136 Resp: 388514
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.9 6.6 9.8
68 5.5 5.0 7.4





#23
Nitrobenzene-d5
Concen: 70.405 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

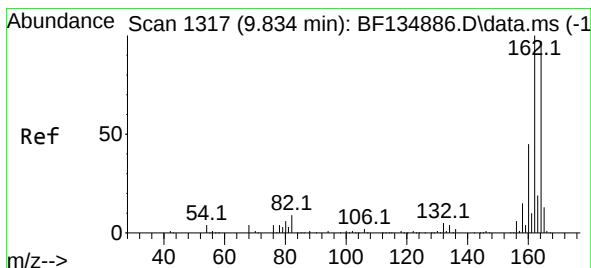
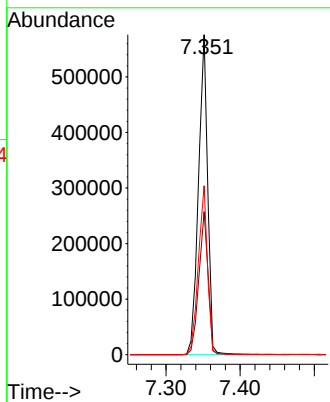
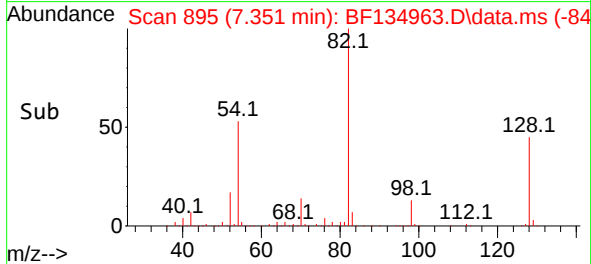
Instrument :
BNA_F
Client SampleId :
SS-TP-01(0-0.2)



Tgt Ion: 82 Resp: 496400
Ion Ratio Lower Upper
82 100
128 44.7 36.6 54.8
54 52.8 42.6 63.8

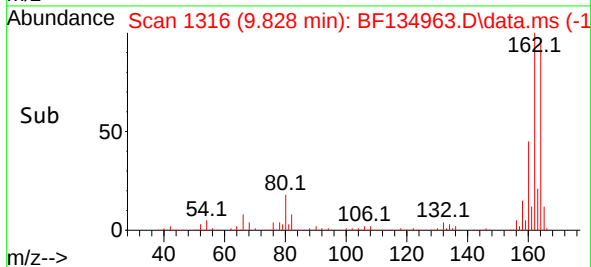
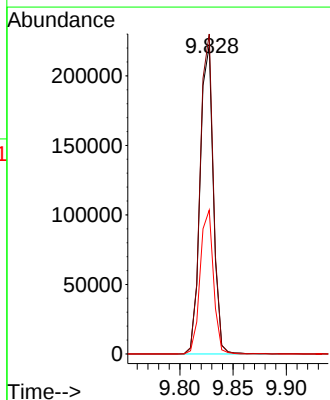
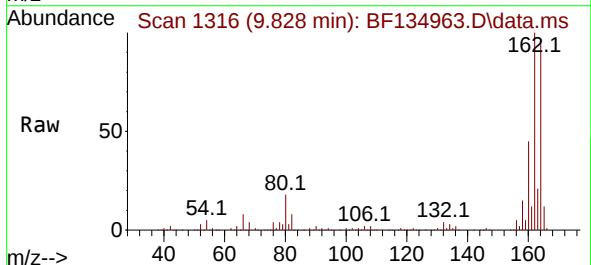
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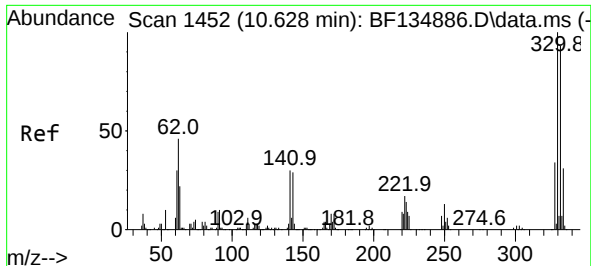
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

Tgt Ion:164 Resp: 192462
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 46.7 37.0 55.4





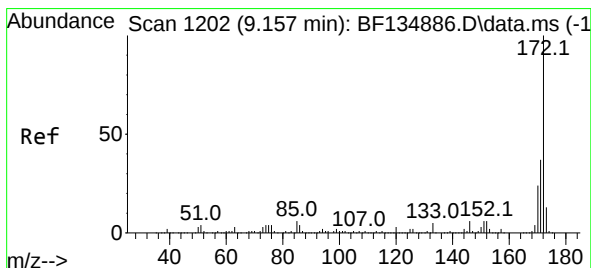
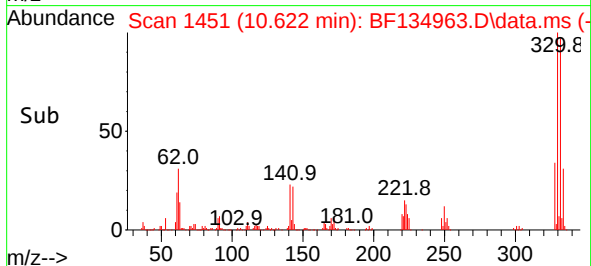
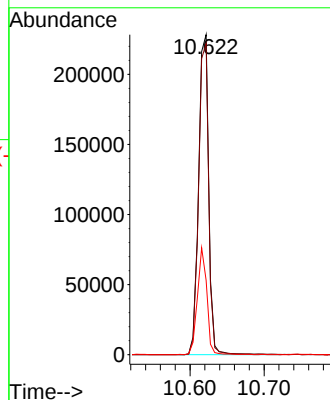
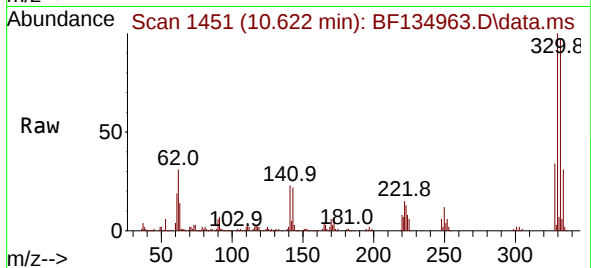
#42
2,4,6-Tribromophenol
Concen: 95.035 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)

Tgt Ion:330 Resp: 21541
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 31.4 23.4 35.2

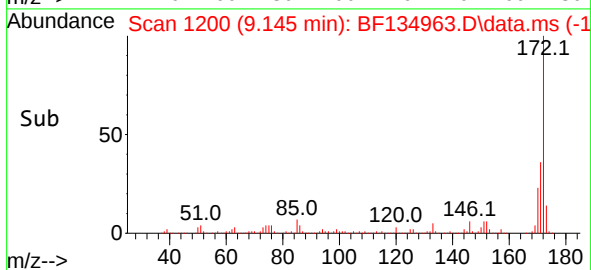
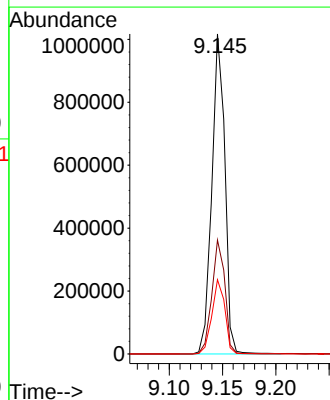
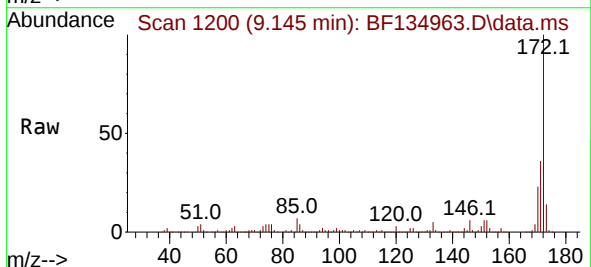
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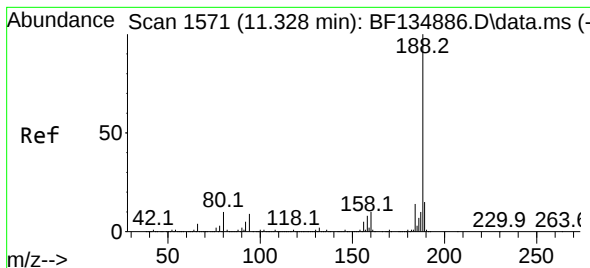
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#45
2-Fluorobiphenyl
Concen: 69.567 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

Tgt Ion:172 Resp: 866108
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.2 19.6 29.4





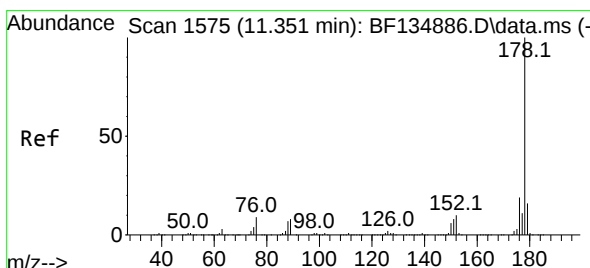
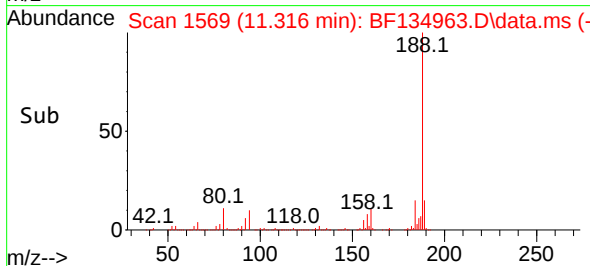
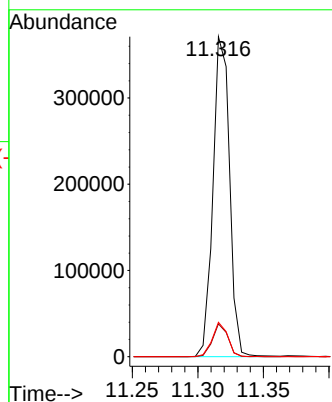
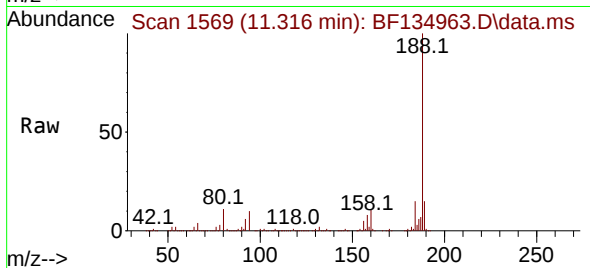
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)

Tgt Ion:188 Resp: 32648
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.8 7.8 11.6

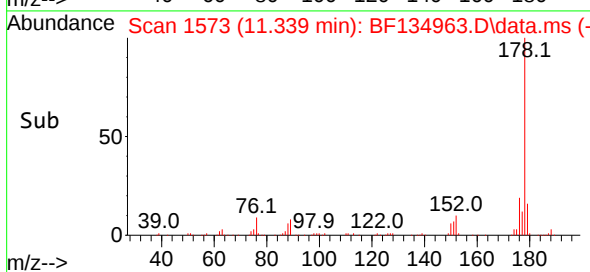
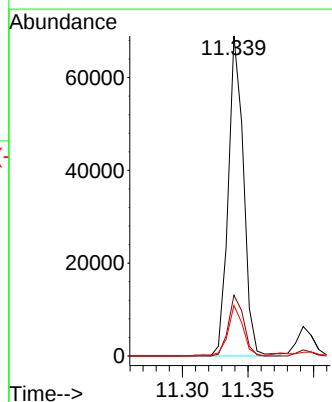
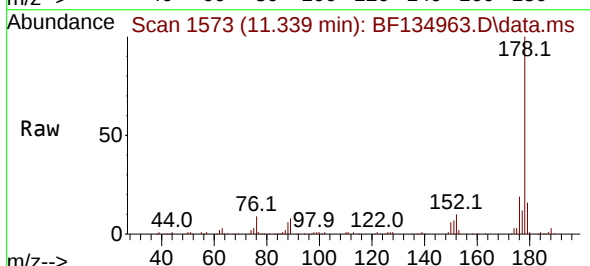
Manual Integrations
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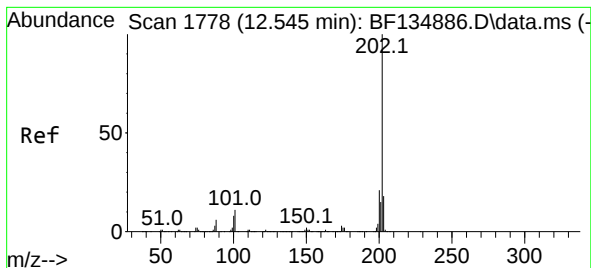
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#71
Phenanthrene
Concen: 3.258 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

Tgt Ion:178 Resp: 55740
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.8 12.6 19.0





#75

Fluoranthene

Concen: 3.920 ng

RT: 12.539 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134963.D

Acq: 28 Aug 2023 12:16

Instrument :

BNA_F

ClientSampleId :

SS-TP-01(0-0.2)

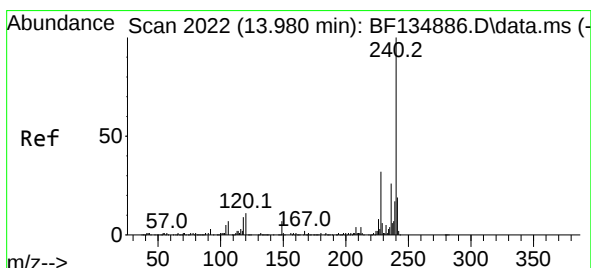
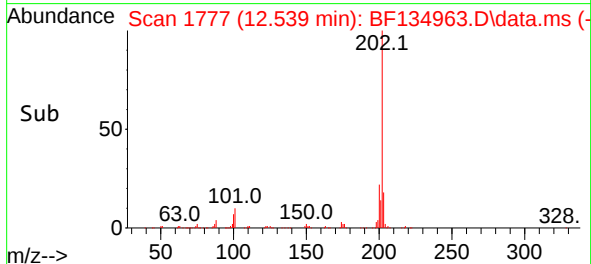
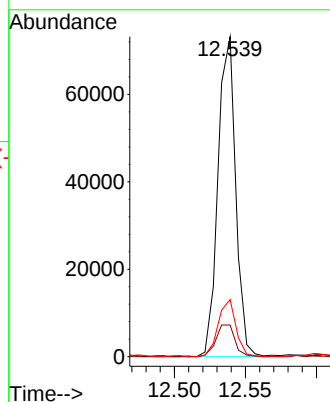
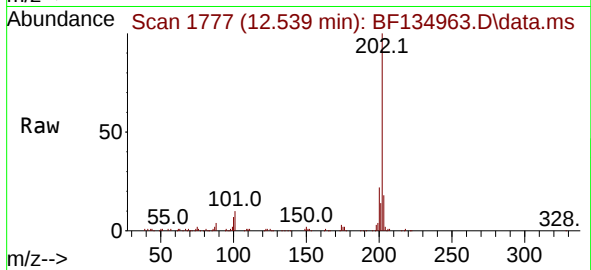
Tgt Ion:	202	Resp:	6354
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.5
203	17.9	0.0	37.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#76

Chrysene-d12

Concen: 20.000 ng

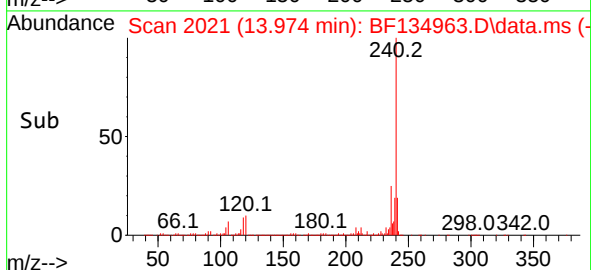
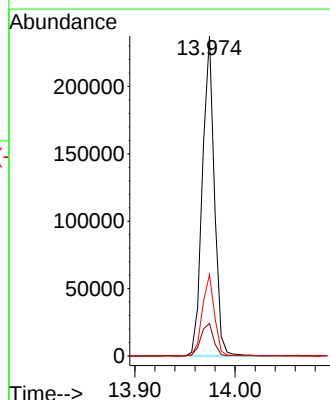
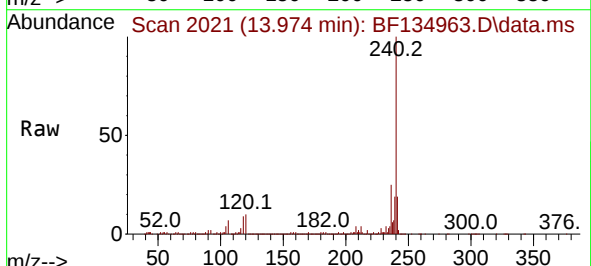
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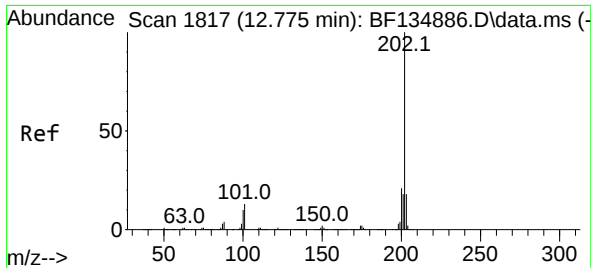
Delta R.T. -0.006 min

Lab File: BF134963.D

Acq: 28 Aug 2023 12:16

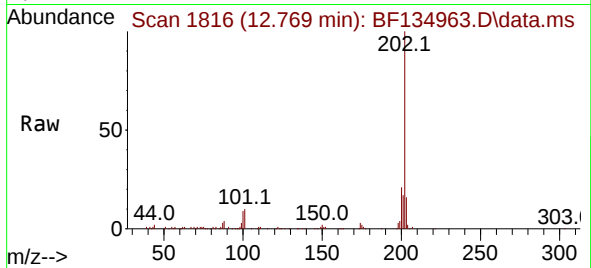
Tgt Ion:	240	Resp:	197642
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.6	12.8
236	25.5	20.6	31.0





#78
 Pyrene
 Concen: 2.879 ng
 RT: 12.769 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF134963.D
 Acq: 28 Aug 2023 12:16

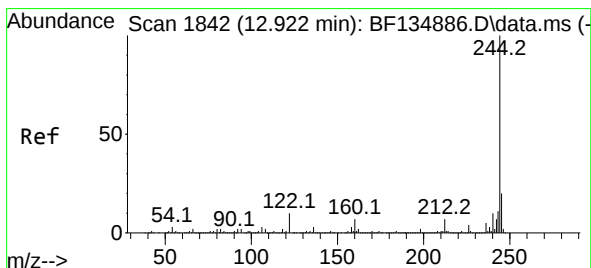
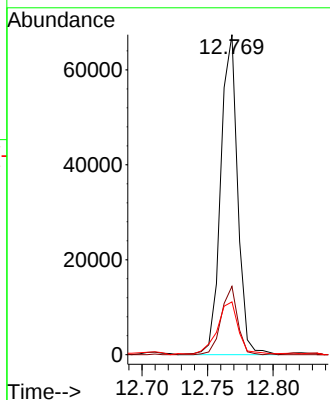
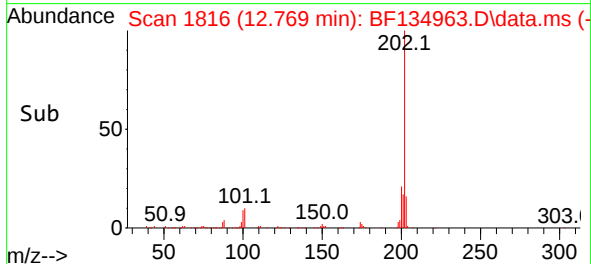
Instrument :
 BNA_F
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 SS-TP-01(0-0.2)



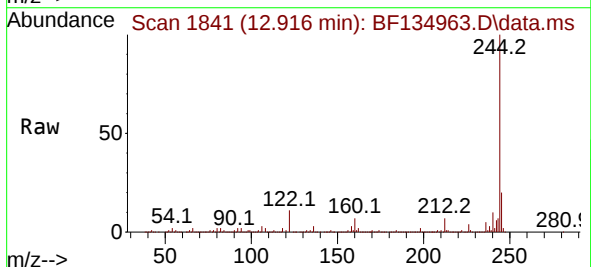
Tgt Ion:202 Resp: 6033
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.1 25.7
 203 16.5 14.2 21.2

Manual Integrations
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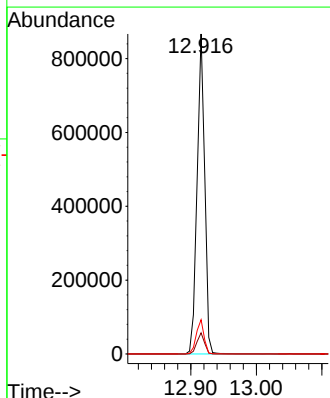
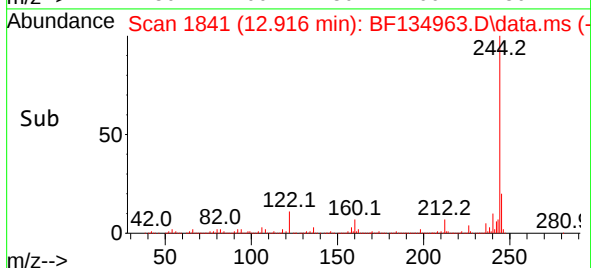
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

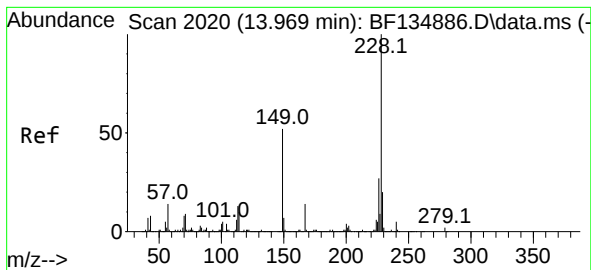


#79
 Terphenyl-d14
 Concen: 48.893 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134963.D
 Acq: 28 Aug 2023 12:16



Tgt Ion:244 Resp: 702578
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 8.2 12.4





#81

Benzo(a)anthracene

Concen: 2.141 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134963.D

Acq: 28 Aug 2023 12:16

Instrument :

BNA_F

ClientSampleId :

SS-TP-01(0-0.2)

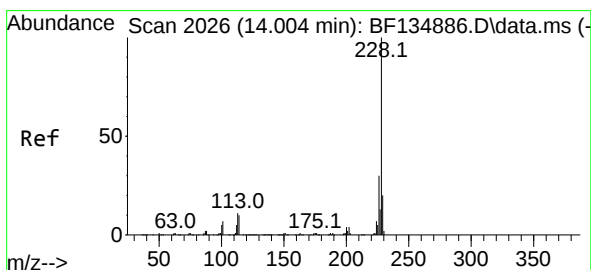
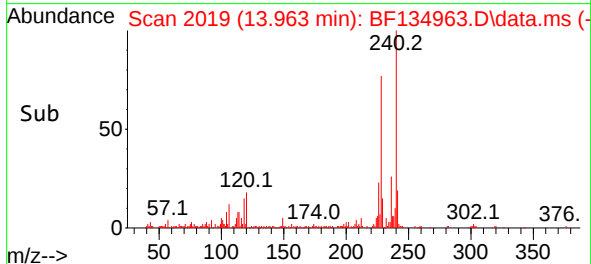
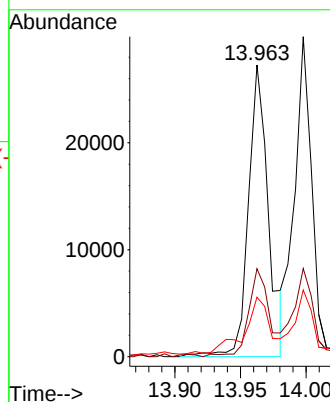
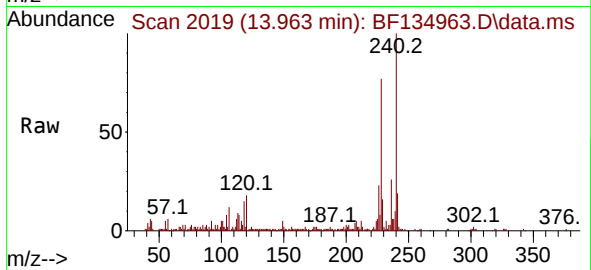
Tgt Ion:	228	Resp:	2887
Ion Ratio	Lower	Upper	
228	100		
226	30.2	21.8	32.6
229	20.4	15.6	23.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#83

Chrysene

Concen: 2.060 ng

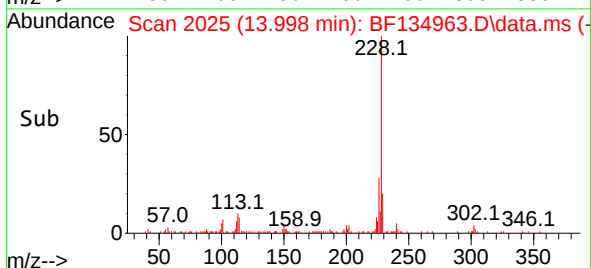
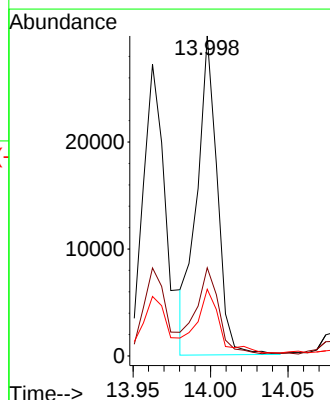
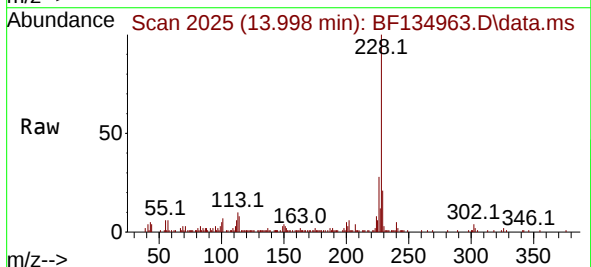
RT: 13.998 min Scan# 2025

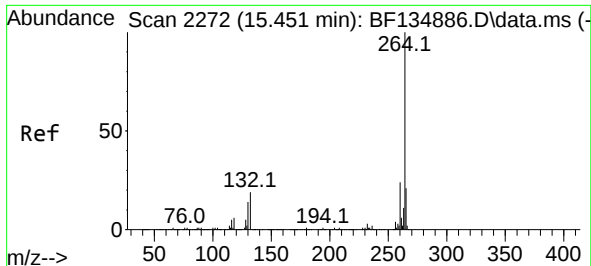
Delta R.T. -0.006 min

Lab File: BF134963.D

Acq: 28 Aug 2023 12:16

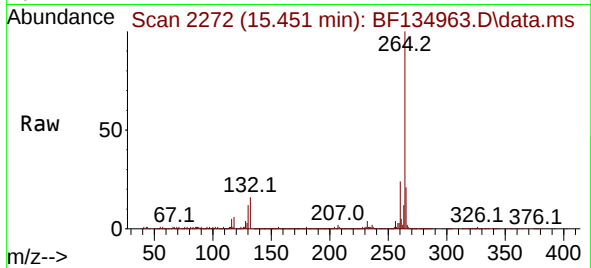
Tgt Ion:	228	Resp:	27413
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.2	36.2
229	20.8	16.0	24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

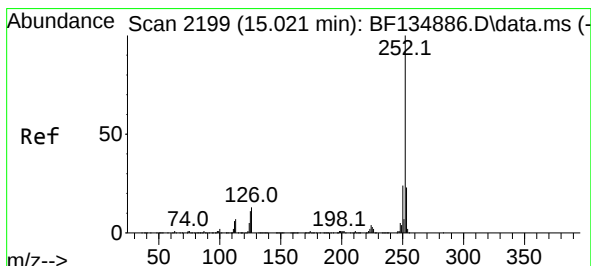
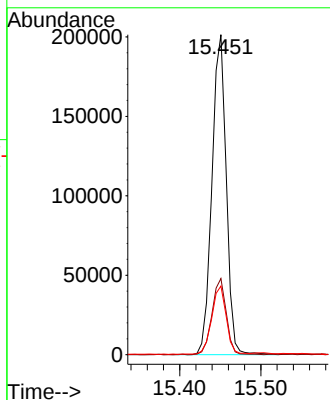
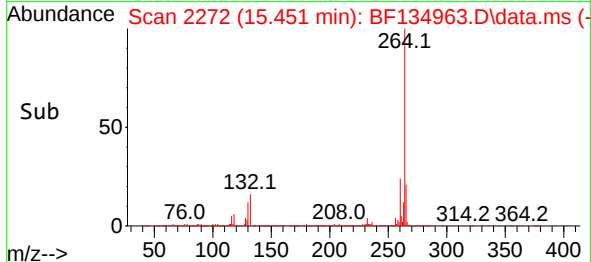
Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion:264 Resp: 24646
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.5 17.1 25.7

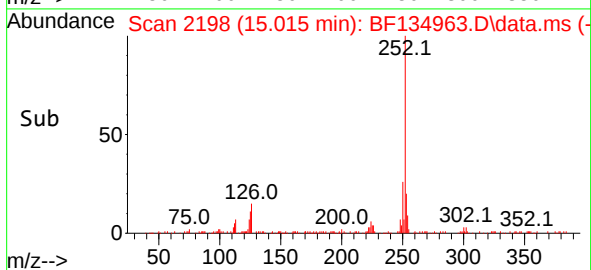
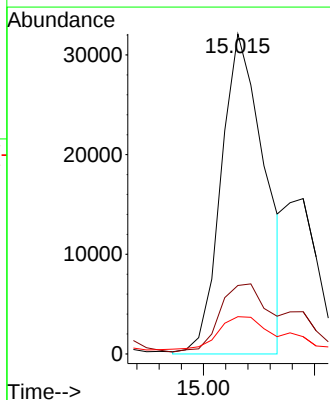
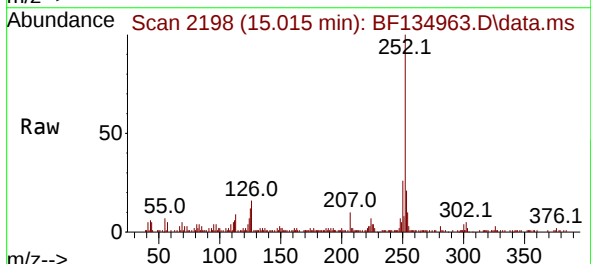
Manual Integrations
APPROVED

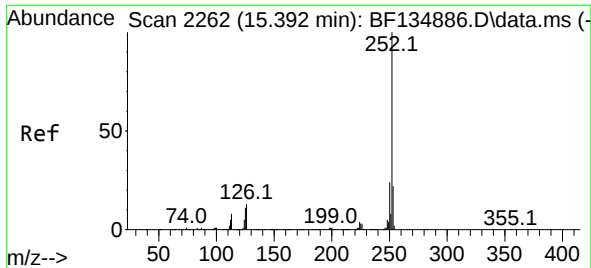
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#88
Benzo(b)fluoranthene
Concen: 3.146 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

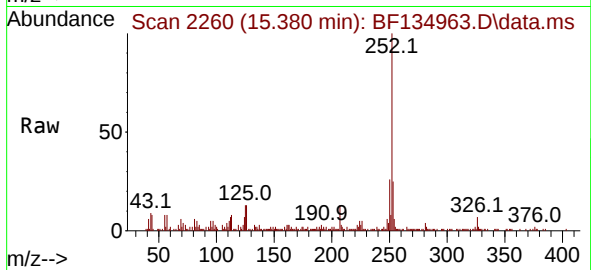
Tgt Ion:252 Resp: 43747
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 11.7 8.4 12.6





#90
Benzo(a)pyrene
Concen: 2.287 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134963.D
Acq: 28 Aug 2023 12:16

Instrument :
BNA_F
ClientSampleId :
SS-TP-01(0-0.2)



Tgt Ion:252 Resp: 31740
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 13.5 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

