

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135365.D
 Acq On : 20 Sep 2023 19:15
 Operator : CG\JU
 Sample : 04397-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT103-07

Quant Time: Sep 21 01:53:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	141106	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	512758	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	227665	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	353058	20.000	ng	0.00
76) Chrysene-d12	13.939	240	276960	20.000	ng	0.00
86) Perylene-d12	15.410	264	275528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	784668	90.444	ng	0.00
7) Phenol-d6	6.404	99	977049	88.568	ng	0.00
23) Nitrobenzene-d5	7.322	82	577739	61.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	165540	73.169	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	902708	59.822	ng	-0.01
79) Terphenyl-d14	12.880	244	674965	37.779	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.310	178	89709	5.372	ng	99
75) Fluoranthene	12.504	202	86021	4.944	ng	98
78) Pyrene	12.733	202	105217	3.990	ng	98
81) Benzo(a)anthracene	13.927	228	55525	3.105	ng	99
83) Chrysene	13.969	228	57606	3.240	ng	98
88) Benzo(b)fluoranthene	14.980	252	54921m	3.682	ng	
90) Benzo(a)pyrene	15.345	252	38665	2.718	ng	# 93

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

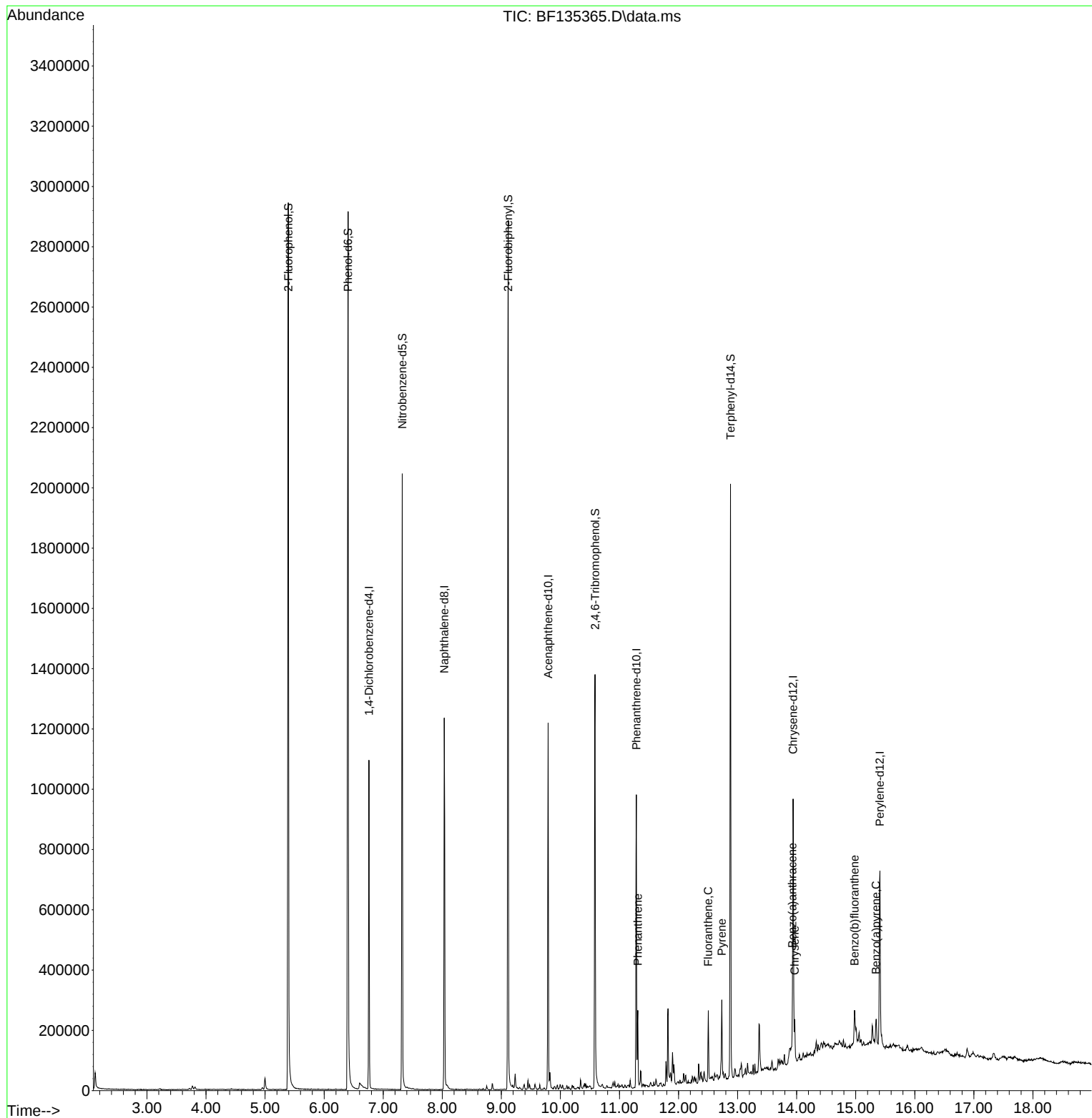
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
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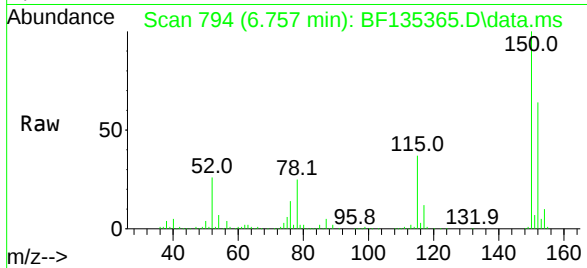
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

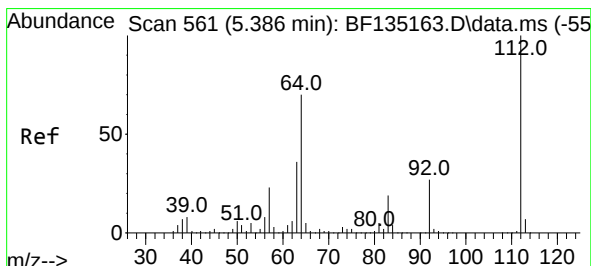
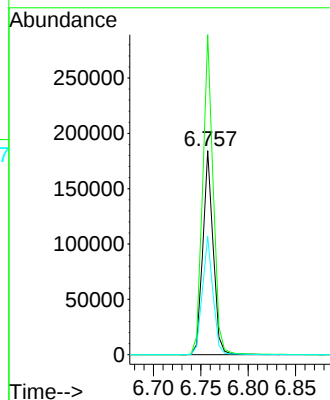
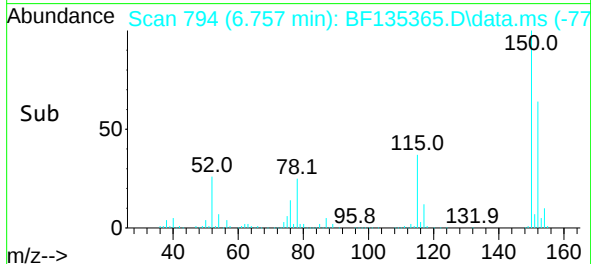
Instrument :
BNA_F
ClientSampleId :
CPT103-07



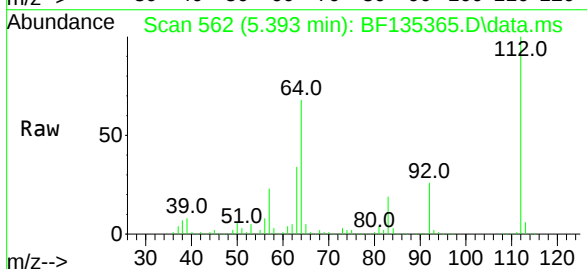
Tgt Ion:152 Resp: 141100
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 58.0 49.8 74.8

Manual Integrations
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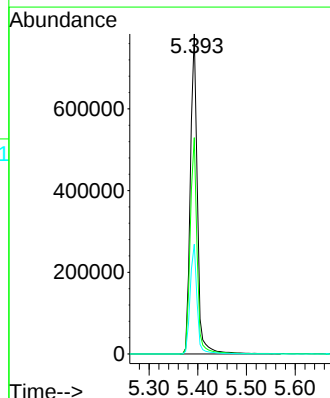
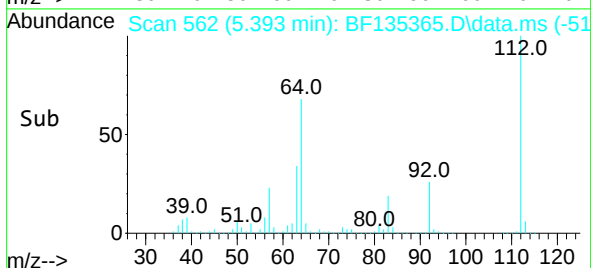
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

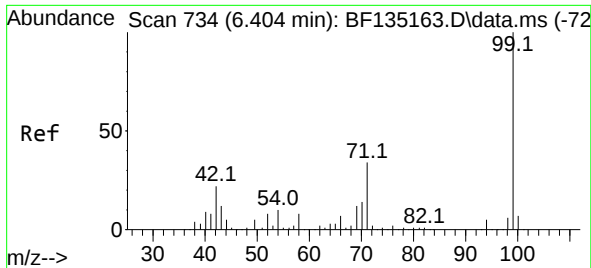


#5
2-Fluorophenol
Concen: 90.444 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15



Tgt Ion:112 Resp: 784668
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 34.3 29.0 43.6





#7

Phenol-d6

Concen: 88.568 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

Instrument :

BNA_F

ClientSampleId :

CPT103-07

Tgt Ion: 99 Resp: 977049

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

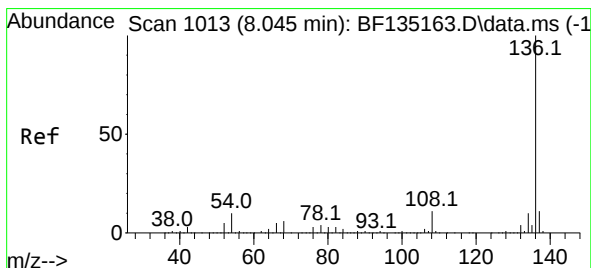
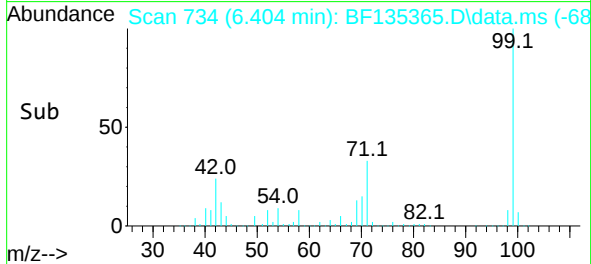
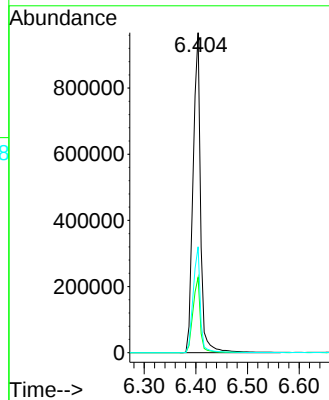
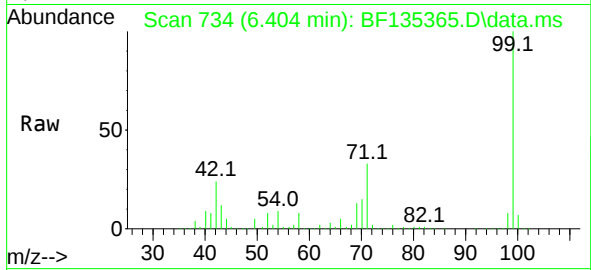
71 33.1 27.0 40.6

Manual Integrations

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.011 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

Tgt Ion:136 Resp: 512758

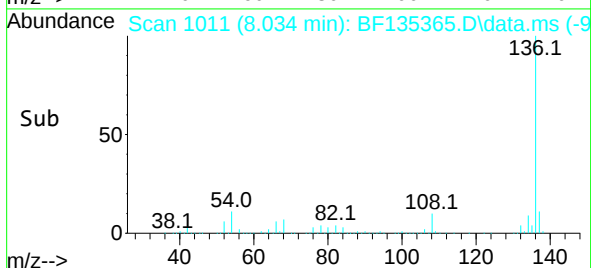
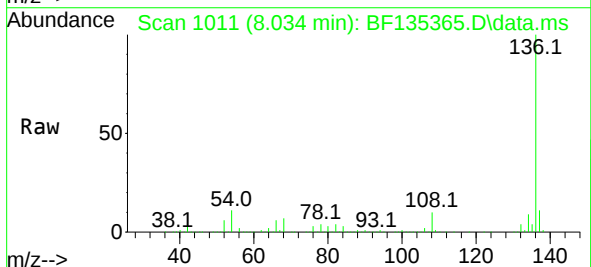
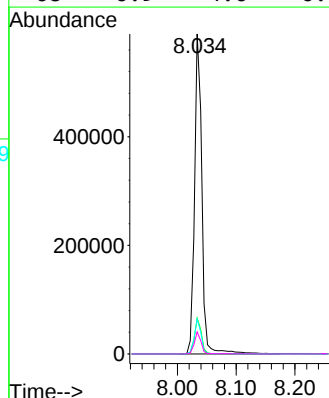
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.9 7.7 11.5

68 6.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 61.214 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

Instrument :

BNA_F

ClientSampleId :

CPT103-07

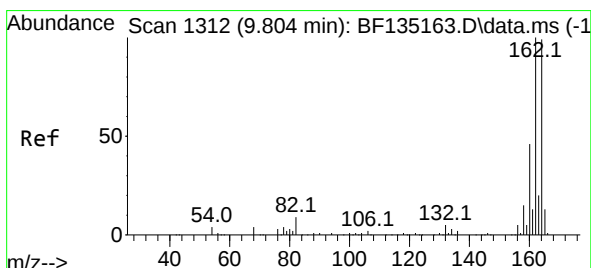
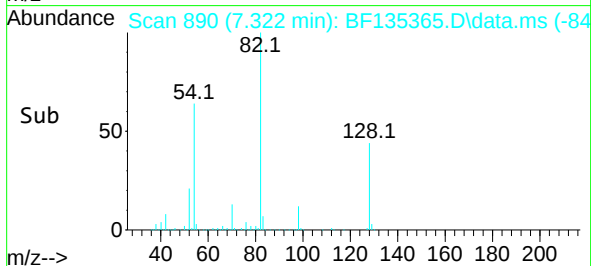
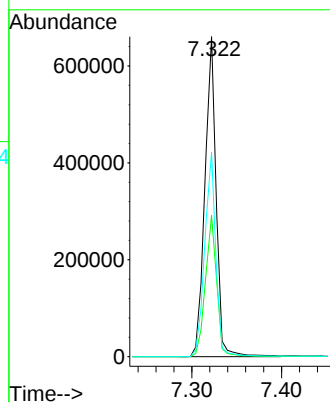
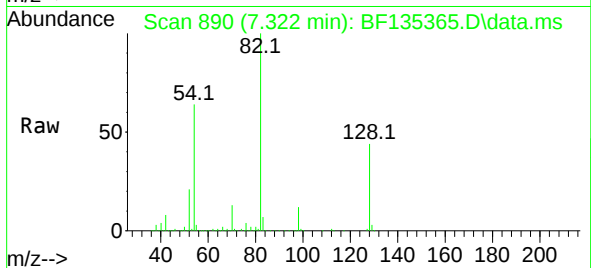
Tgt Ion:	82	Resp:	577739
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.6
54	63.9	50.6	76.0

Manual Integrations

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Supervised By :mohammad ahmed 09/21/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

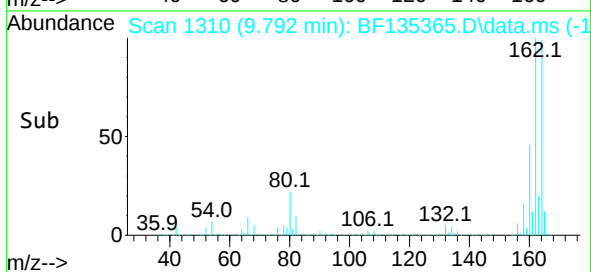
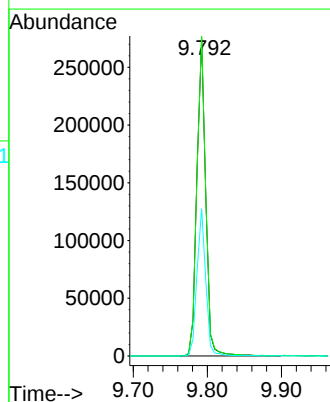
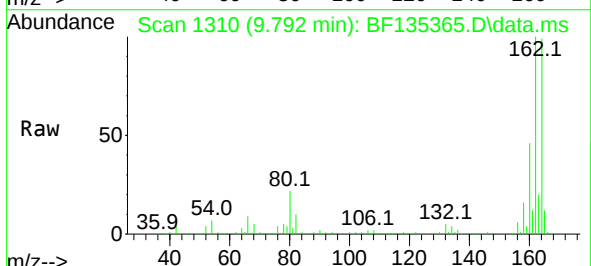
RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

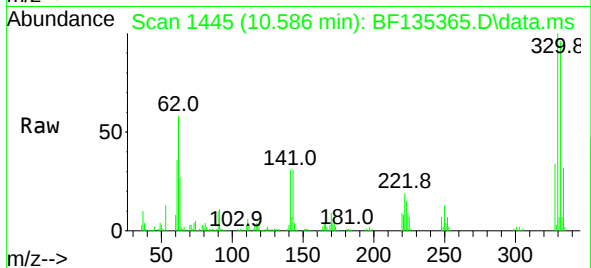
Tgt Ion:	164	Resp:	227665
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.4
160	46.4	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 73.169 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

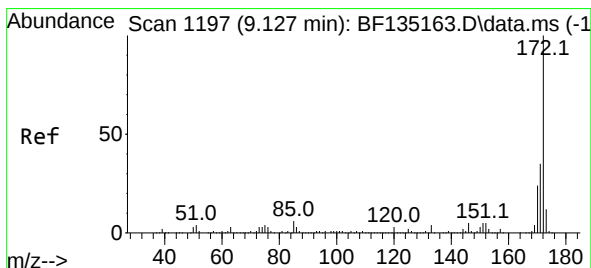
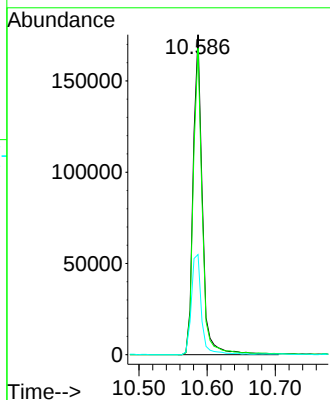
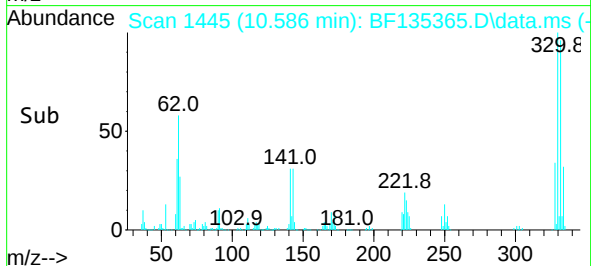
Instrument :
BNA_F
Client SampleId :
CPT103-07



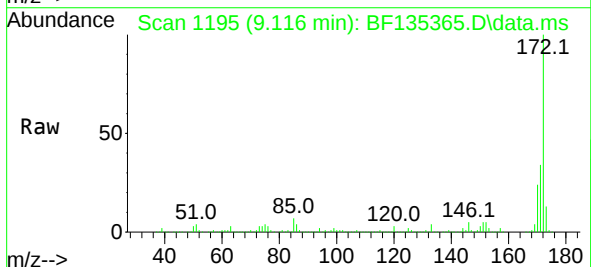
Tgt Ion: 330 Resp: 165540
Ion Ratio Lower Upper
330 100
332 93.1 77.3 115.9
141 34.4 25.8 38.8

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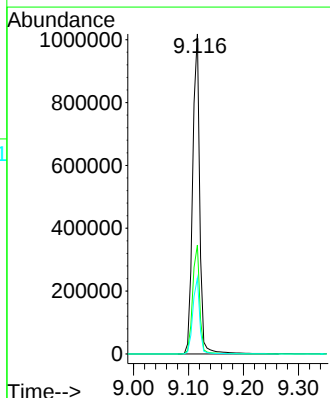
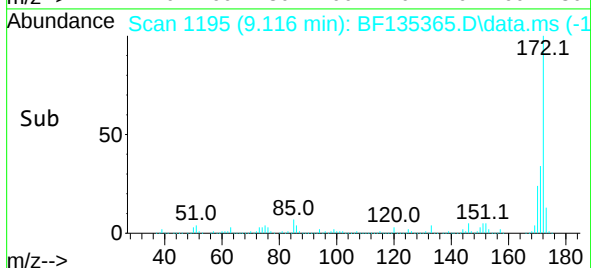
Reviewed By : Yogesh Patel 09/21/2023
Supervised By : mohammad ahmed 09/21/2023

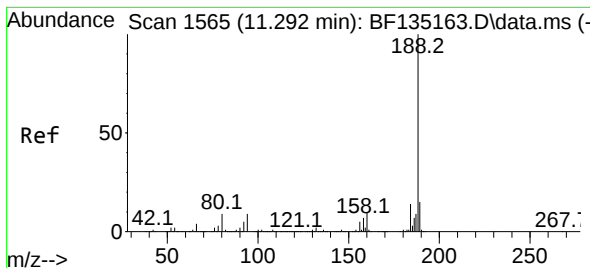


#45
2-Fluorobiphenyl
Concen: 59.822 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15



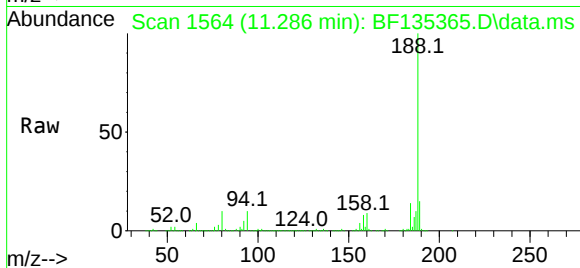
Tgt Ion: 172 Resp: 902708
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 23.7 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

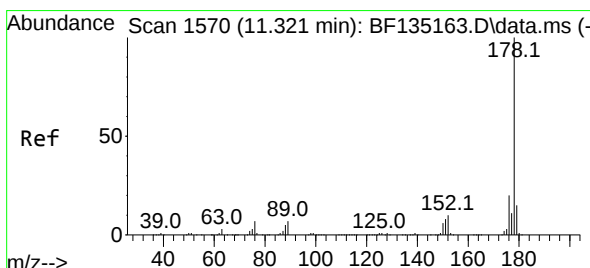
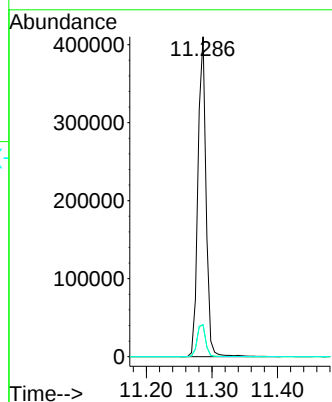
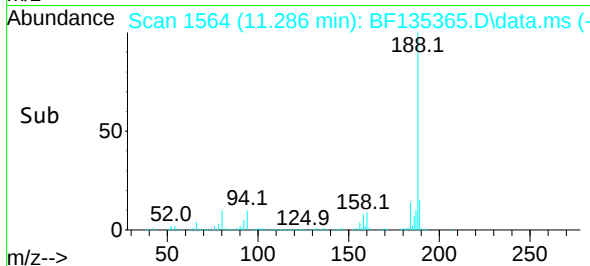
Instrument :
BNA_F
ClientSampleId :
CPT103-07



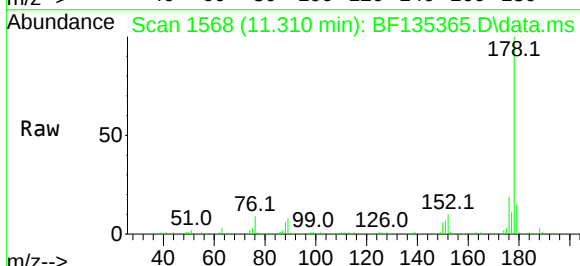
Tgt Ion:188 Resp: 353058
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.0 7.5 11.3

Manual Integrations
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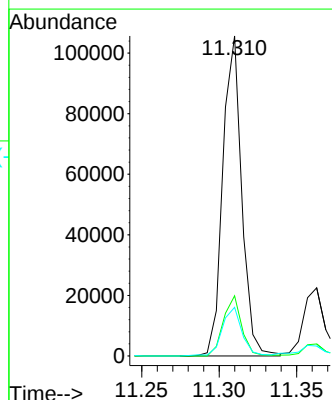
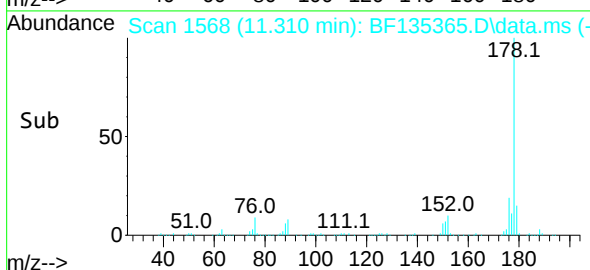
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

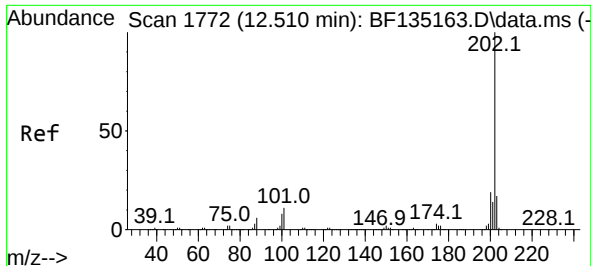


#71
Phenanthrene
Concen: 5.372 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15



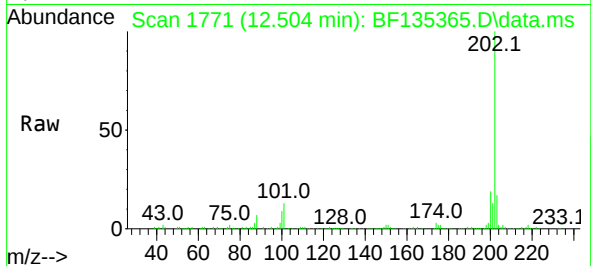
Tgt Ion:178 Resp: 89709
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.2 12.0 18.0





#75
Fluoranthene
Concen: 4.944 ng
RT: 12.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

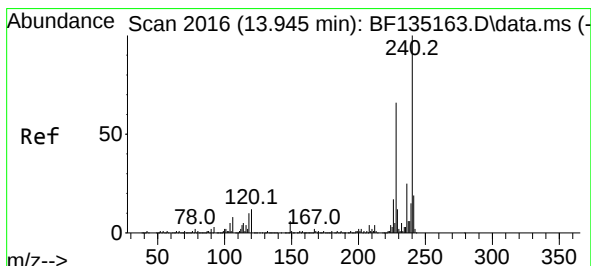
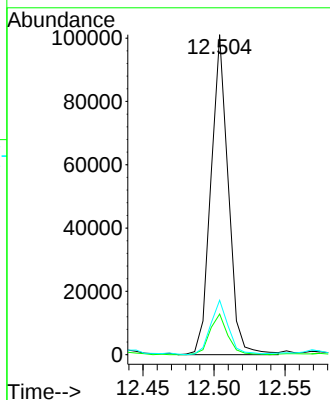
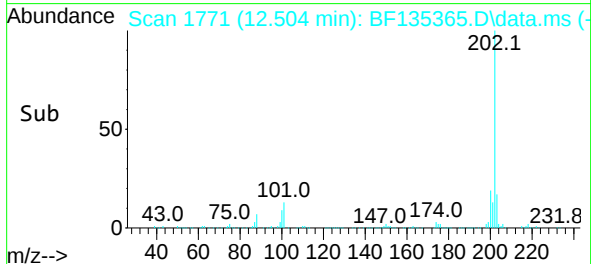
Instrument :
BNA_F
ClientSampleId :
CPT103-07



Tgt Ion:202 Resp: 8602
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.3
203 17.0 0.0 37.4

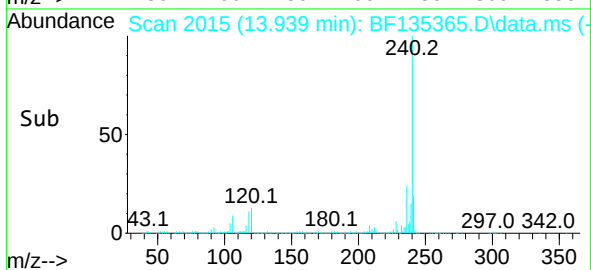
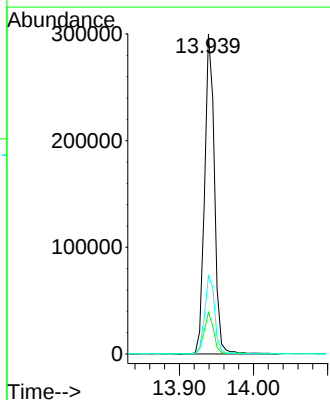
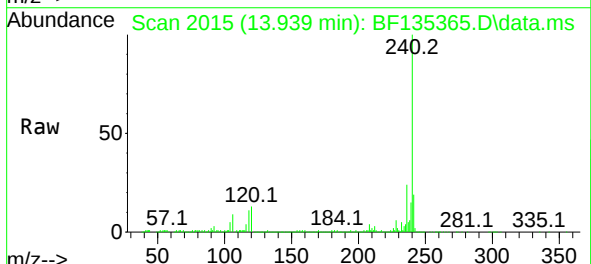
Manual Integrations
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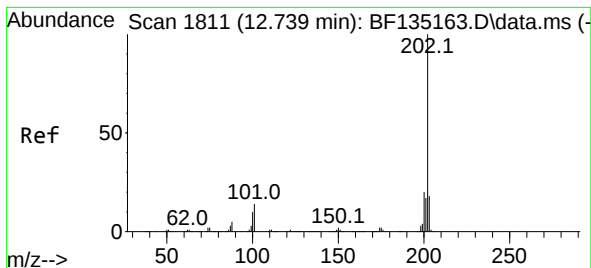
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Tgt Ion:240 Resp: 276960
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 24.3 19.8 29.8





#78

Pyrene

Concen: 3.990 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF135365.D

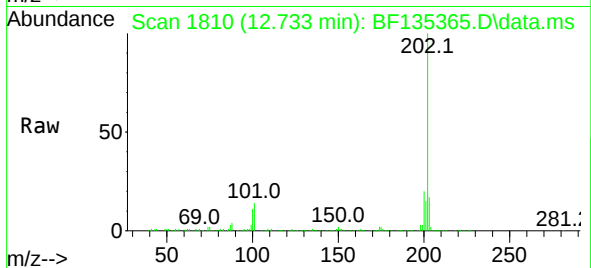
Acq: 20 Sep 2023 19:15

Instrument :

BNA_F

ClientSampleId :

CPT103-07



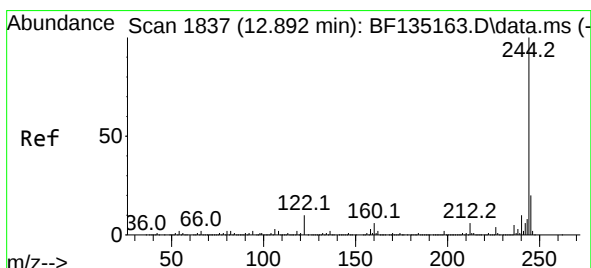
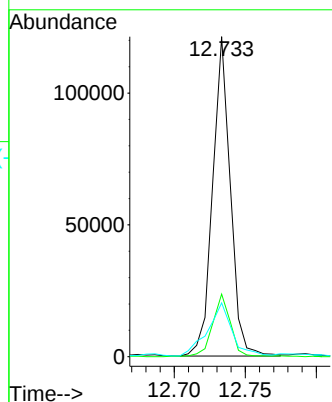
Tgt Ion:	202	Resp:	10521
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.2	24.2
203	16.8	14.2	21.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#79

Terphenyl-d14

Concen: 37.779 ng

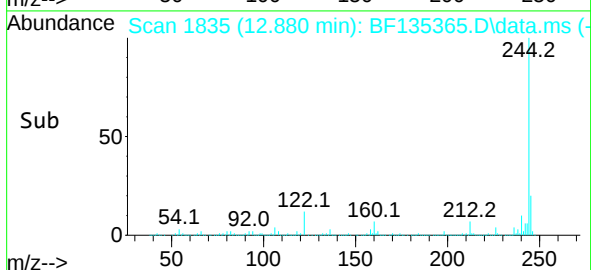
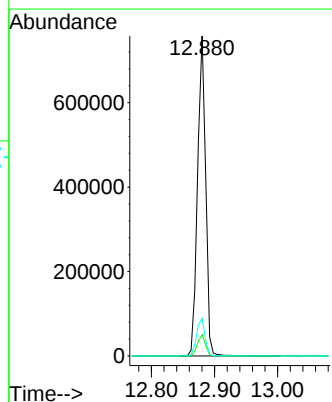
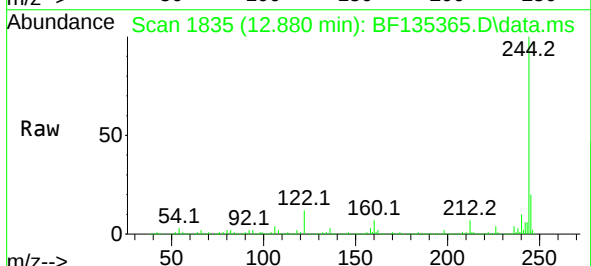
RT: 12.880 min Scan# 1835

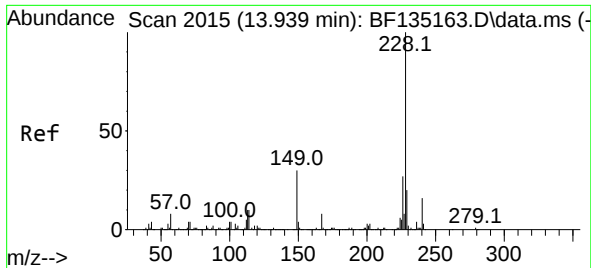
Delta R.T. -0.011 min

Lab File: BF135365.D

Acq: 20 Sep 2023 19:15

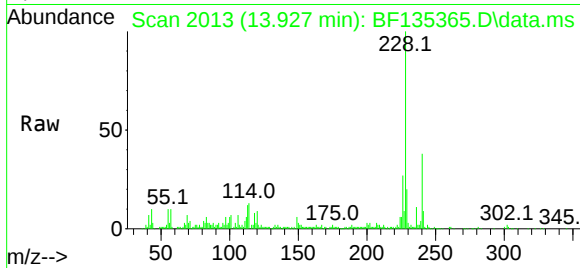
Tgt Ion:	244	Resp:	674965
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.1	7.7
122	11.8	7.9	11.9





#81
Benzo(a)anthracene
Concen: 3.105 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.011 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

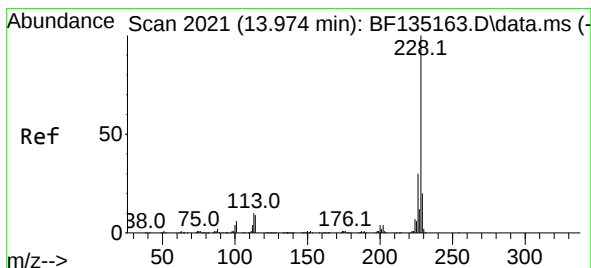
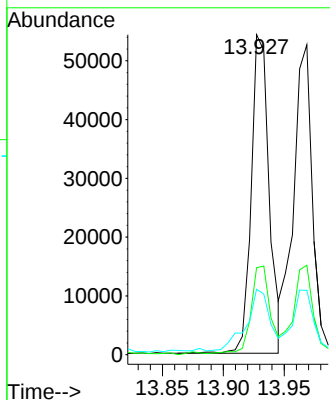
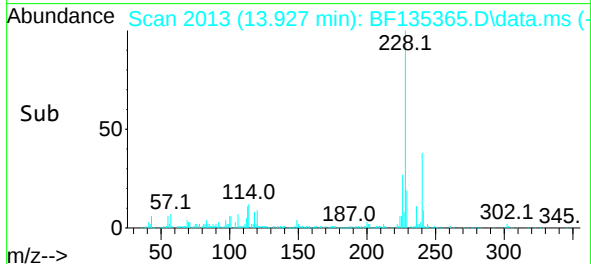
Instrument :
BNA_F
ClientSampleId :
CPT103-07



Tgt Ion:228 Resp: 5552
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.4 15.8 23.8

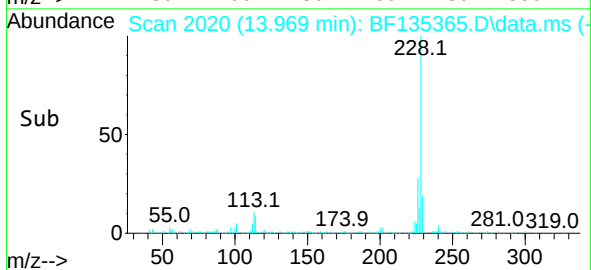
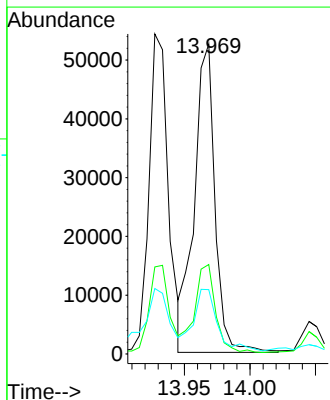
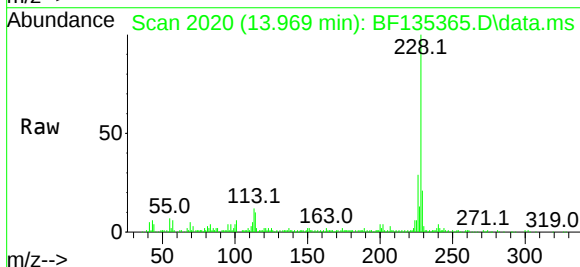
Manual Integrations
APPROVED

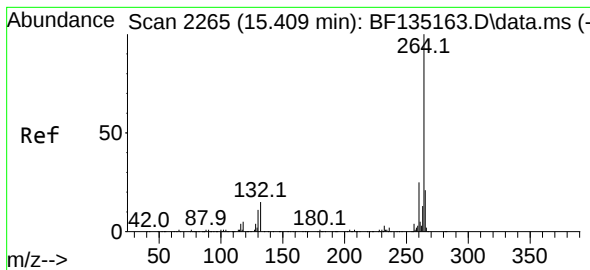
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#83
Chrysene
Concen: 3.240 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

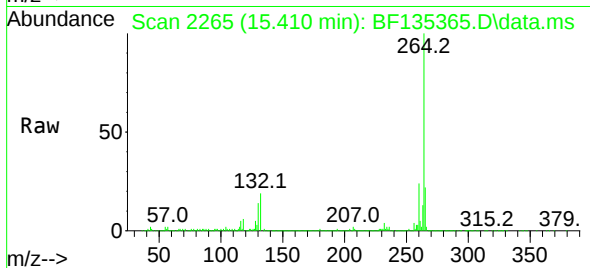
Tgt Ion:228 Resp: 57606
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.7 16.0 24.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

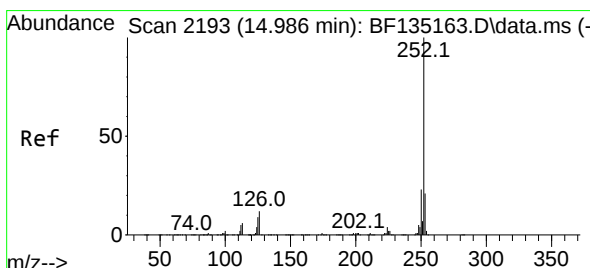
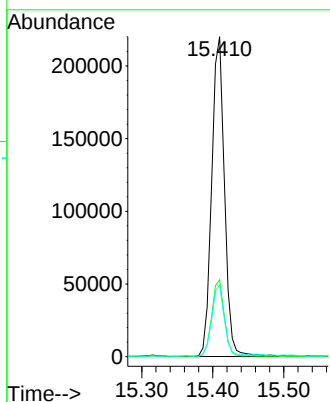
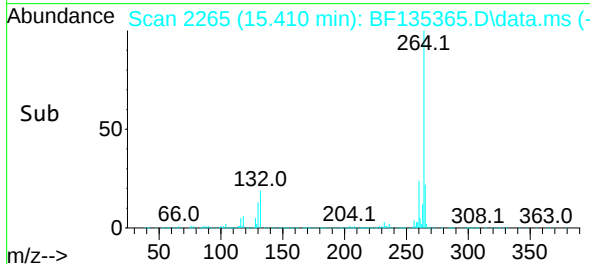
Instrument :
BNA_F
ClientSampleId :
CPT103-07



Tgt Ion:264 Resp: 275528
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 22.3 17.0 25.4

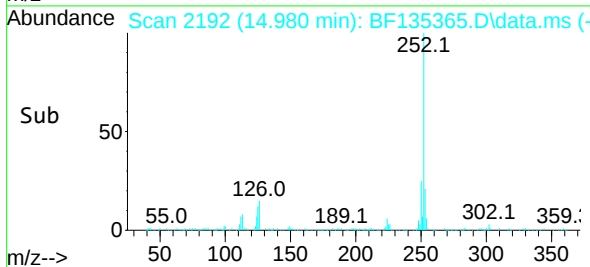
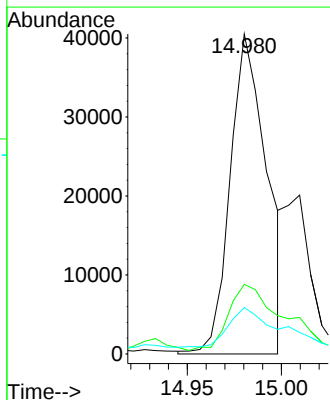
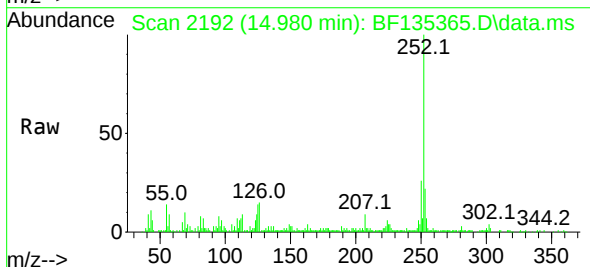
Manual Integrations
APPROVED

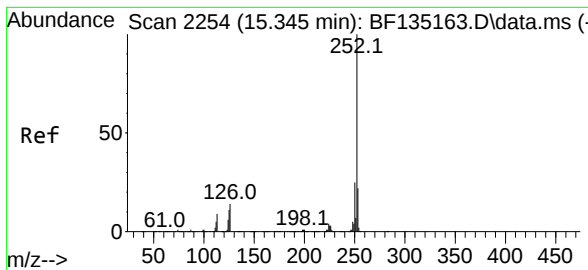
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#88
Benzo(b)fluoranthene
Concen: 3.682 ng m
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

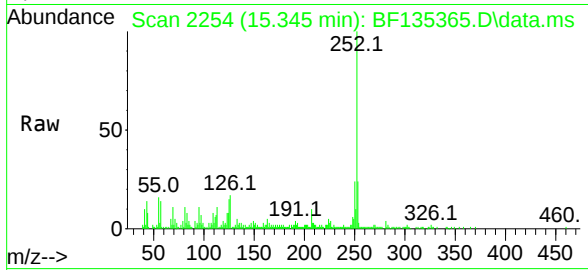
Tgt Ion:252 Resp: 54921
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 14.5 7.1 10.7#





#90
Benzo(a)pyrene
Concen: 2.718 ng
RT: 15.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135365.D
Acq: 20 Sep 2023 19:15

Instrument :
BNA_F
ClientSampleId :
CPT103-07



Tgt Ion:	252	Resp:	3866
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.5	26.3
125	15.5	9.2	13.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

