

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135416.D
 Acq On : 23 Sep 2023 00:00
 Operator : CG\JU
 Sample : 04491-06 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-07

Quant Time: Sep 23 05:00:51 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 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	133285	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	469552	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	196872	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	361422	20.000	ng	0.00
76) Chrysene-d12	13.945	240	299150	20.000	ng	0.00
86) Perylene-d12	15.416	264	231188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	472199	57.621	ng	0.00
7) Phenol-d6	6.398	99	566417	54.357	ng	0.00
23) Nitrobenzene-d5	7.322	82	324885	37.591	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	93741	47.914	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	521445	39.961	ng	-0.02
79) Terphenyl-d14	12.880	244	513240	26.596	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.504	202	77563	4.355	ng	96
78) Pyrene	12.733	202	74404	2.612	ng	98
81) Benzo(a)anthracene	13.933	228	38723m	2.005	ng	
83) Chrysene	13.969	228	39723m	2.068	ng	
88) Benzo(b)fluoranthene	14.986	252	40052m	3.200	ng	
90) Benzo(a)pyrene	15.351	252	25555	2.141	ng	# 70

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

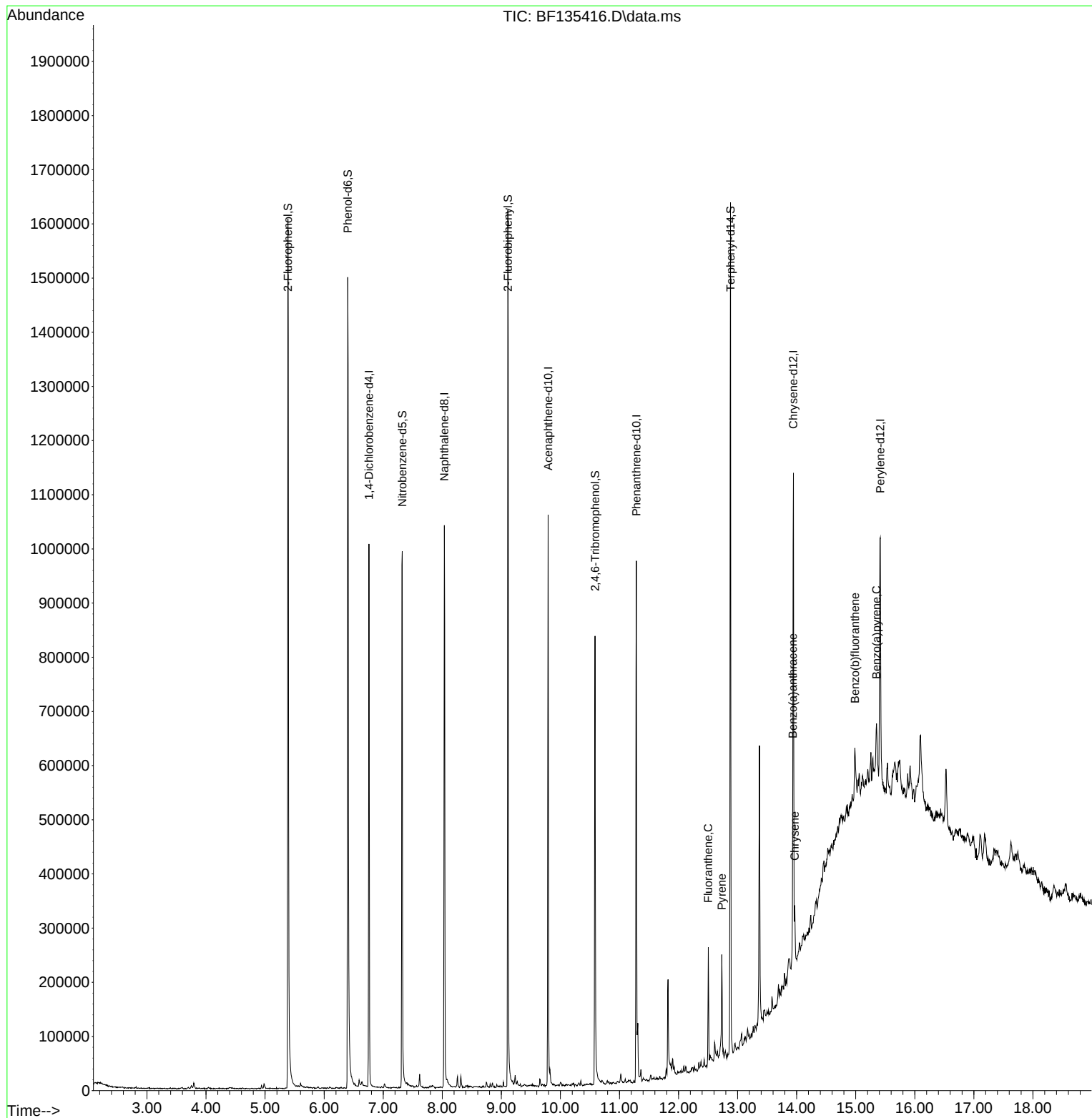
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135416.D
Acq On : 23 Sep 2023 00:00
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Response via : Initial Calibration

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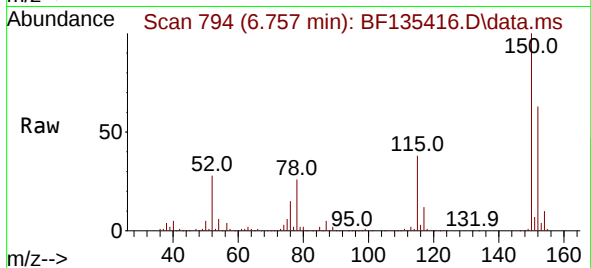
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

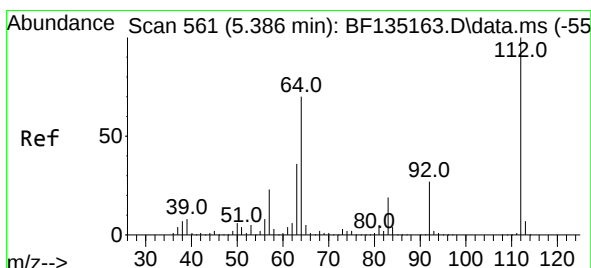
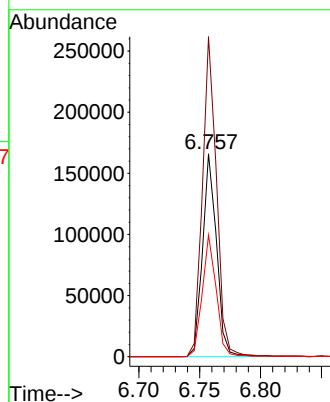
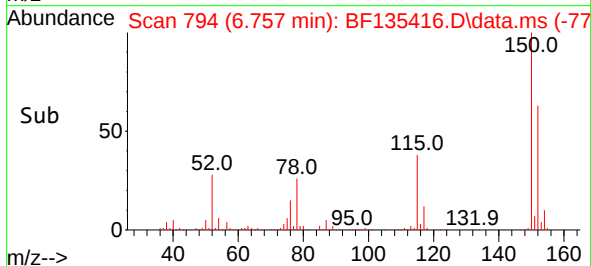
Instrument :
BNA_F
ClientSampleId :
CPT102-07



Tgt Ion:152 Resp: 133285
Ion Ratio Lower Upper
152 100
150 157.8 127.8 191.6
115 60.0 49.8 74.8

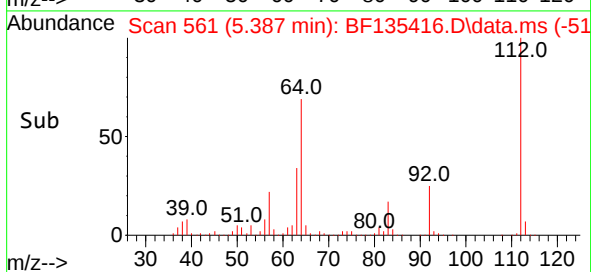
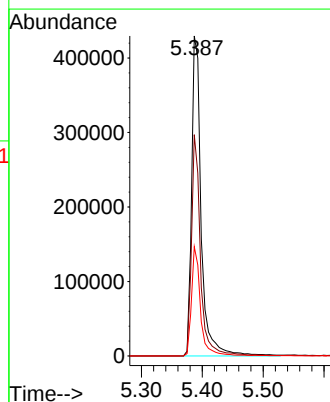
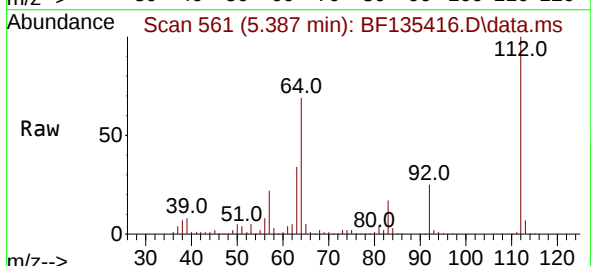
Manual Integrations
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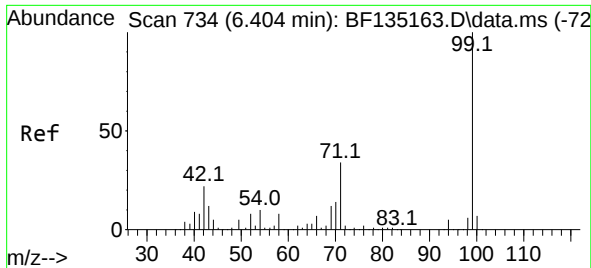
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#5
2-Fluorophenol
Concen: 57.621 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:112 Resp: 472199
Ion Ratio Lower Upper
112 100
64 69.2 55.9 83.9
63 34.2 29.0 43.6





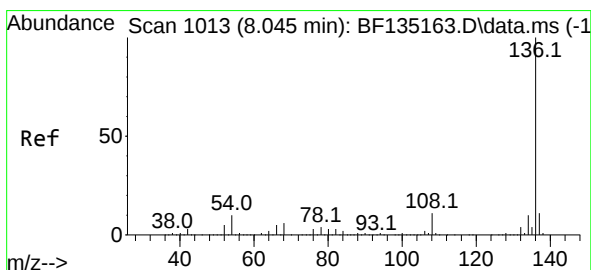
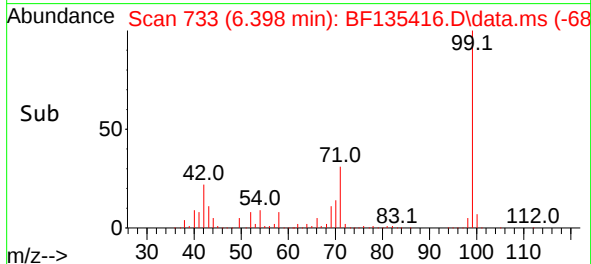
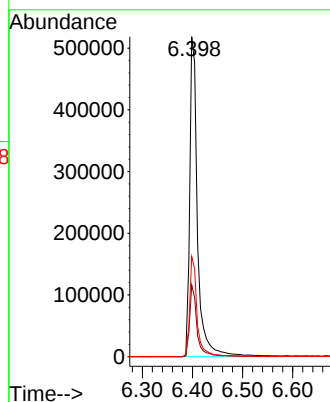
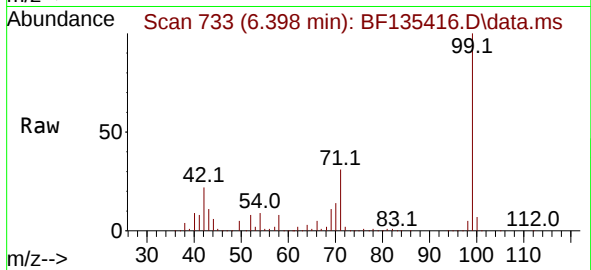
#7
Phenol-d6
Concen: 54.357 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Instrument :
BNA_F
ClientSampleId :
CPT102-07

Tgt Ion: 99 Resp: 56641
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.3 27.0 40.6

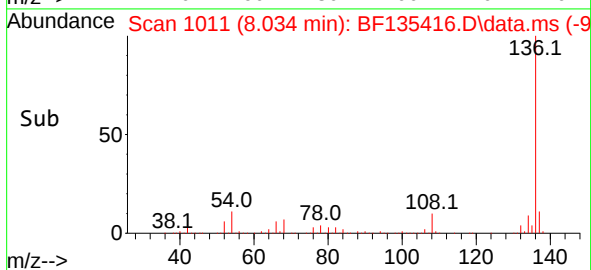
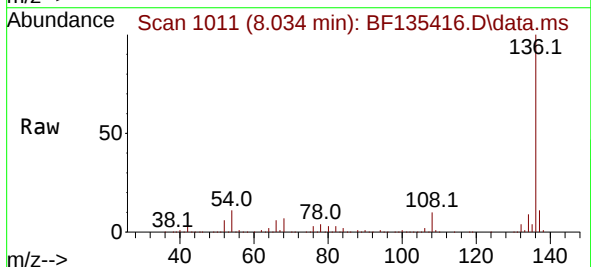
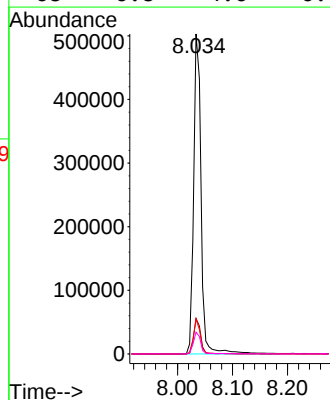
Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:136 Resp: 469552
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.8 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 37.591 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135416.D

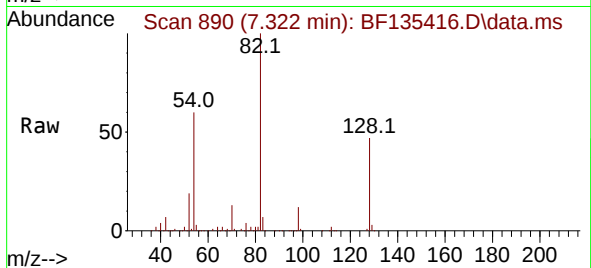
Acq: 23 Sep 2023 00:00

Instrument :

BNA_F

ClientSampleId :

CPT102-07



Tgt Ion: 82 Resp: 32488

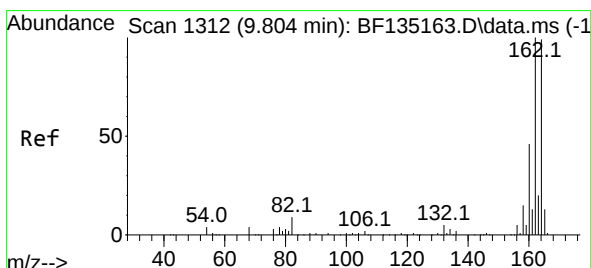
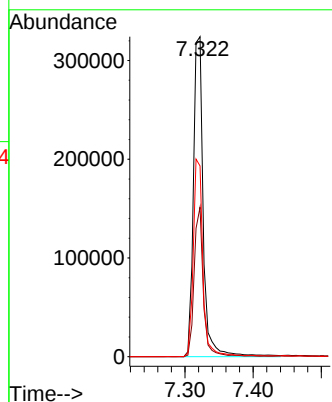
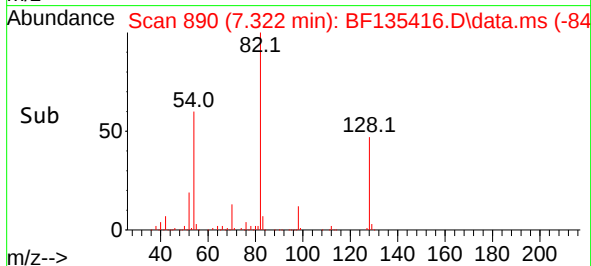
Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.8	53.6
54	59.6	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

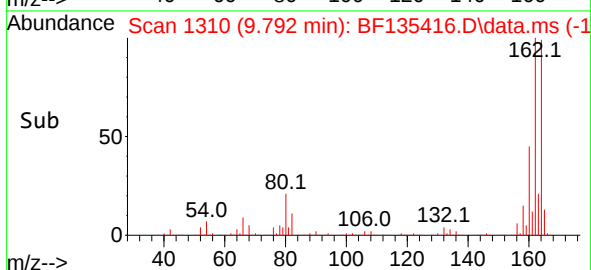
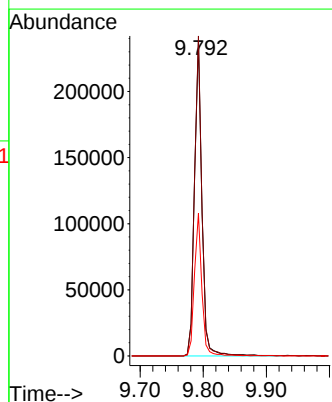
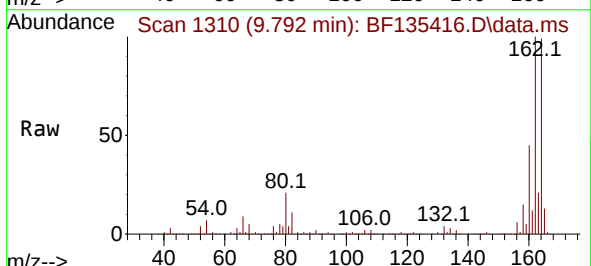
Delta R.T. -0.011 min

Lab File: BF135416.D

Acq: 23 Sep 2023 00:00

Tgt Ion:164 Resp: 196872

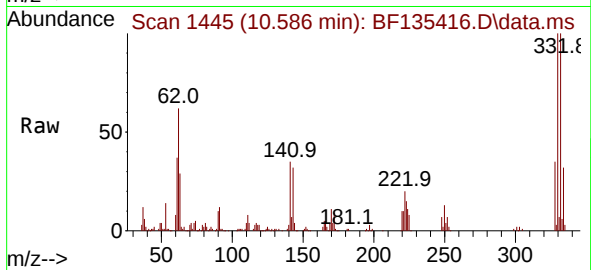
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.0	121.4
160	45.2	37.0	55.4





#42
2,4,6-Tribromophenol
Concen: 47.914 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

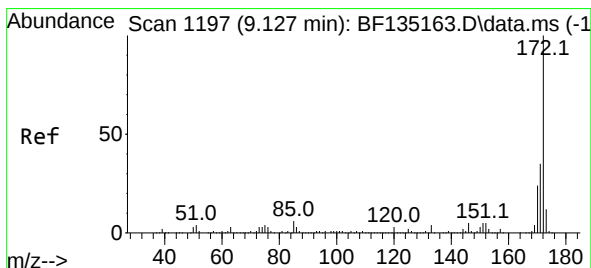
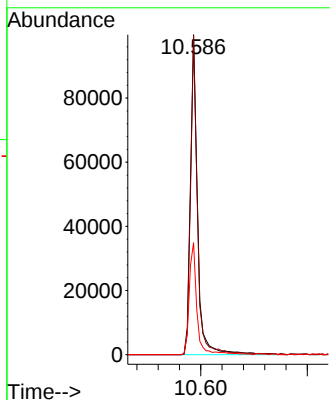
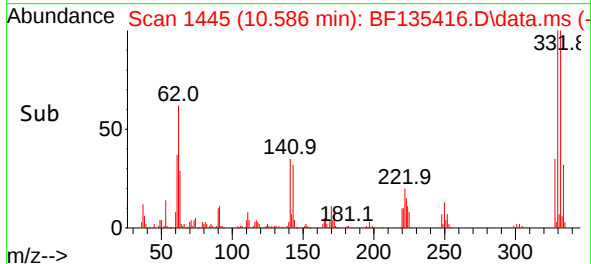
Instrument :
BNA_F
ClientSampleId :
CPT102-07



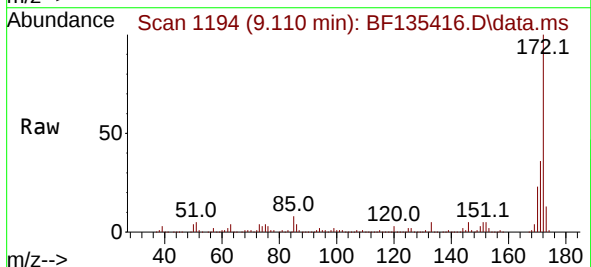
Tgt Ion: 330 Resp: 9374
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 37.3 25.8 38.8

Manual Integrations
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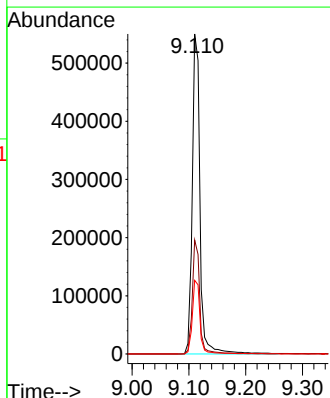
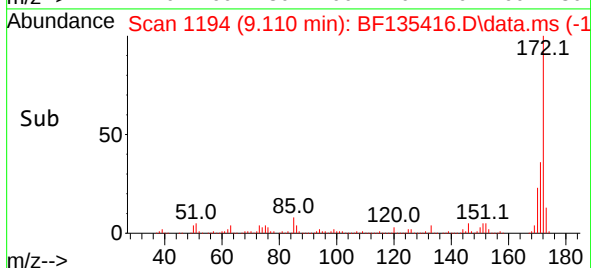
Reviewed By : Yogesh Patel 09/25/2023
Supervised By : mohammad ahmed 09/27/2023

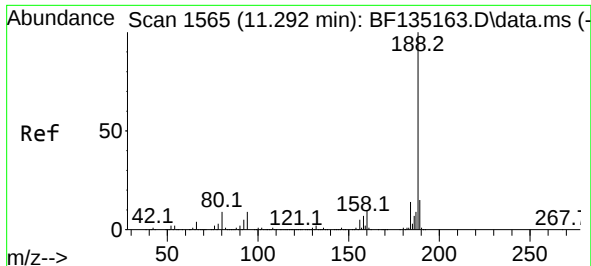


#45
2-Fluorobiphenyl
Concen: 39.961 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.017 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00



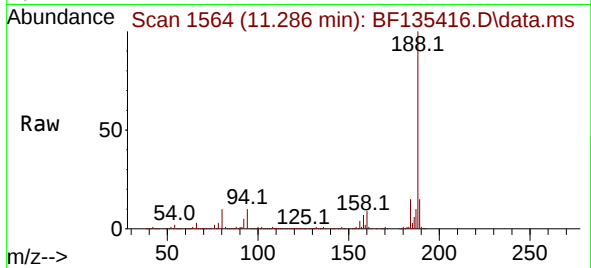
Tgt Ion: 172 Resp: 521445
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.0 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

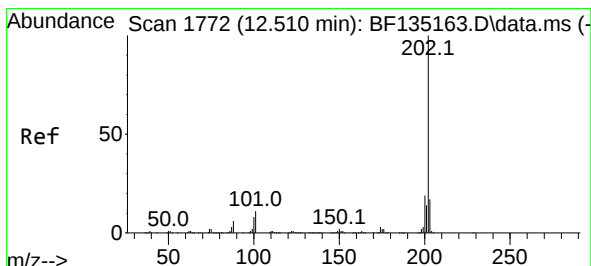
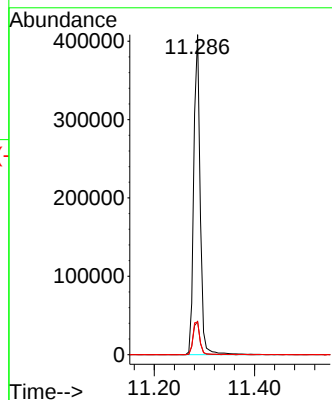
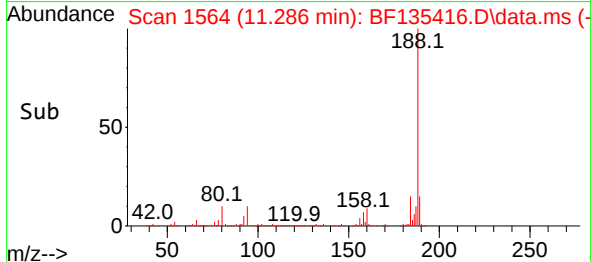
Instrument :
BNA_F
ClientSampleId :
CPT102-07



Tgt Ion:188 Resp: 36142
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.3 7.5 11.3

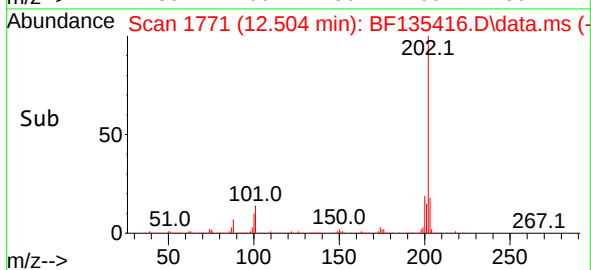
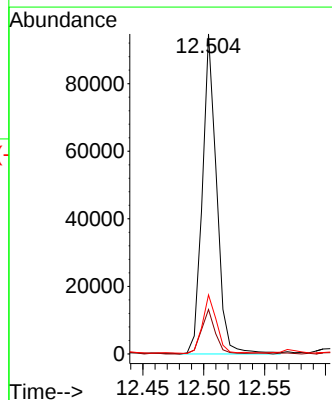
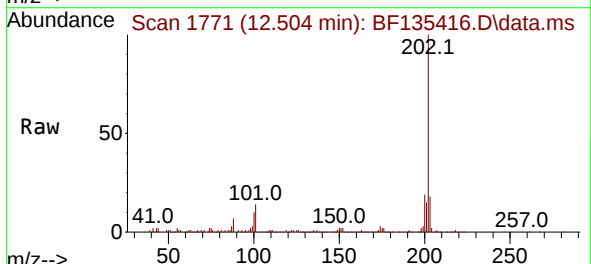
Manual Integrations
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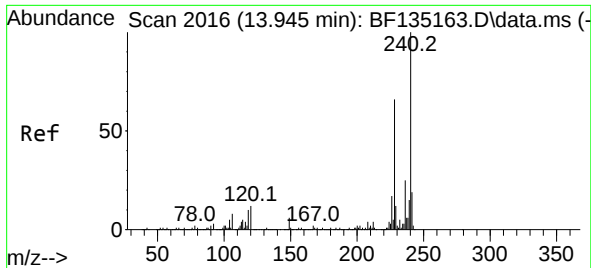
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#75
Fluoranthene
Concen: 4.355 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

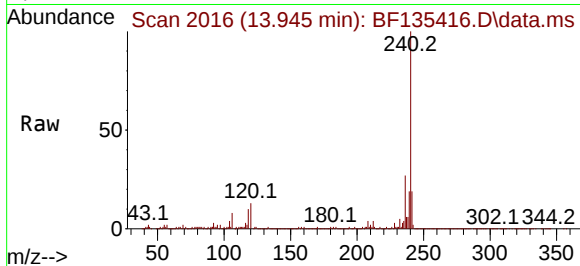
Tgt Ion:202 Resp: 77563
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.3
203 18.4 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

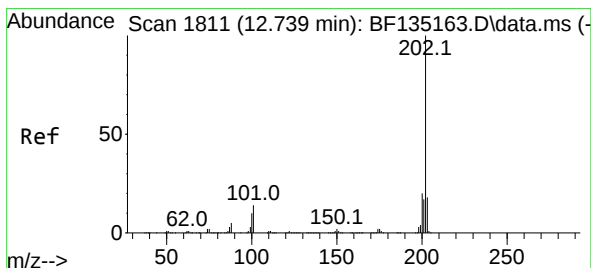
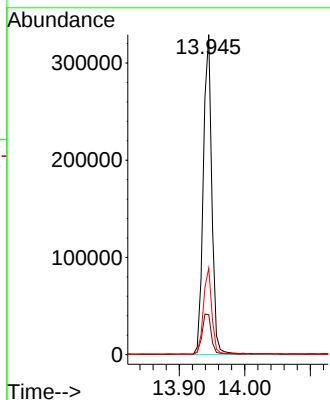
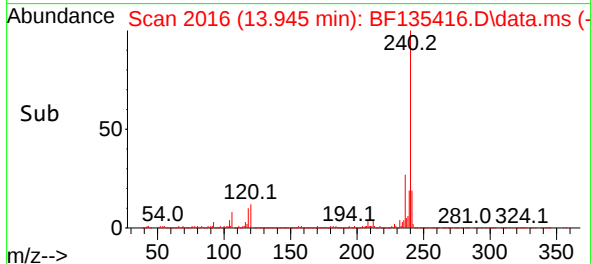
Instrument :
BNA_F
Client SampleId :
CPT102-07



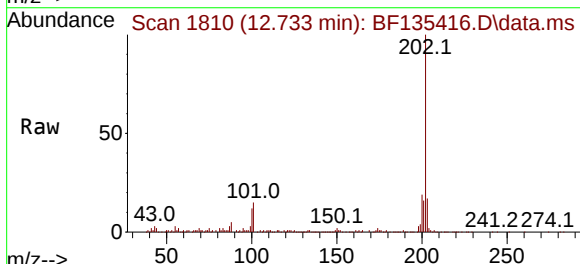
Tgt Ion:240 Resp: 299150
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 27.1 19.8 29.8

Manual Integrations
APPROVED

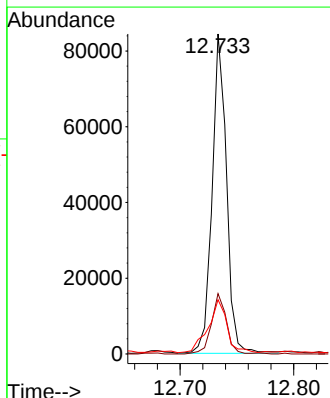
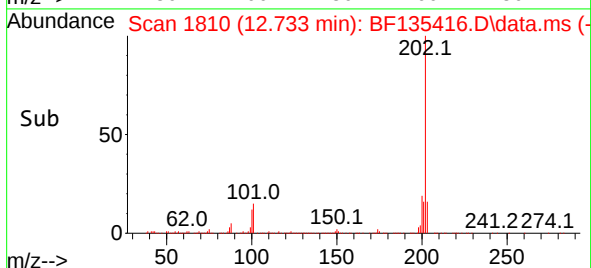
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

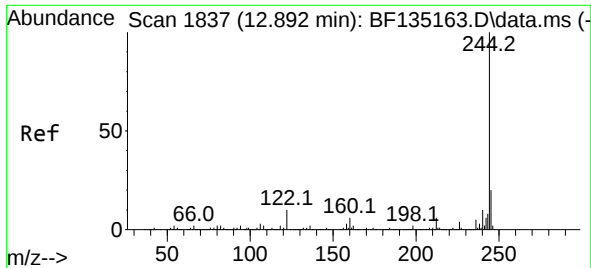


#78
Pyrene
Concen: 2.612 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00



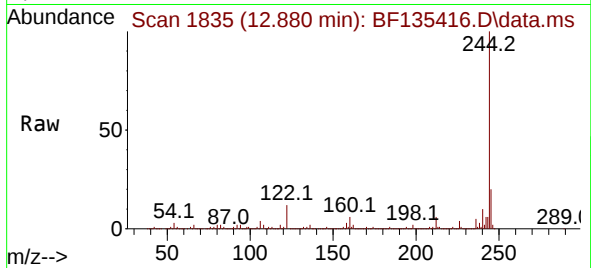
Tgt Ion:202 Resp: 74404
Ion Ratio Lower Upper
202 100
200 18.9 16.2 24.2
203 16.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 26.596 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135416.D
 Acq: 23 Sep 2023 00:00

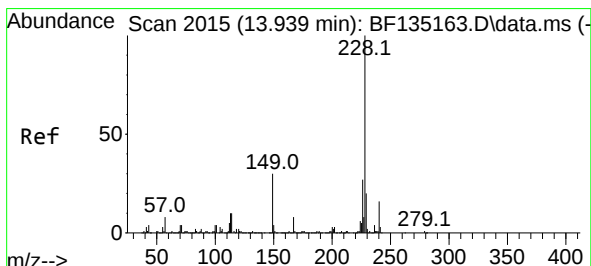
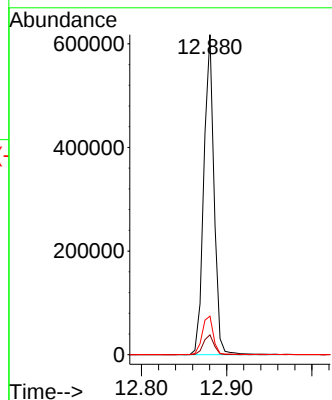
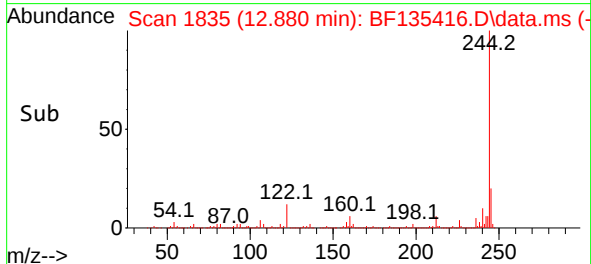
Instrument :
 BNA_F
 ClientSampleId :
 CPT102-07



Tgt Ion:244 Resp: 513240
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 12.1 7.9 11.9

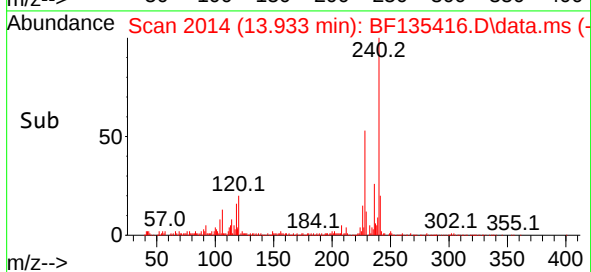
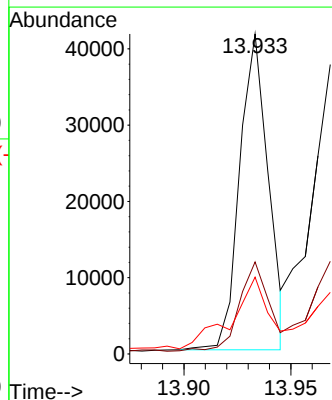
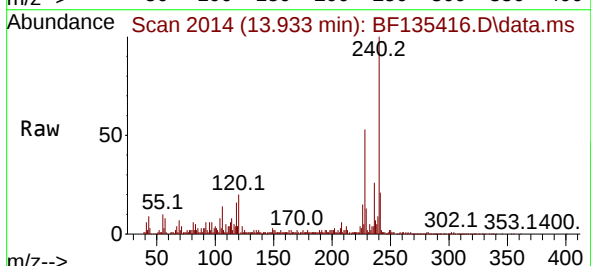
Manual Integrations
 APPROVED

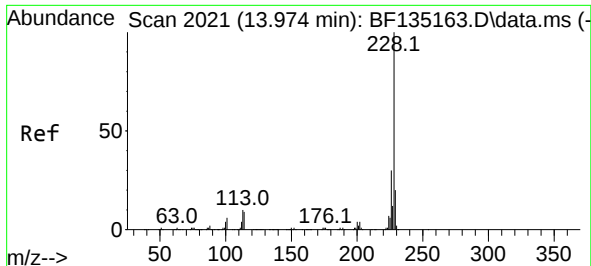
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023



#81
 Benzo(a)anthracene
 Concen: 2.005 ng m
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF135416.D
 Acq: 23 Sep 2023 00:00

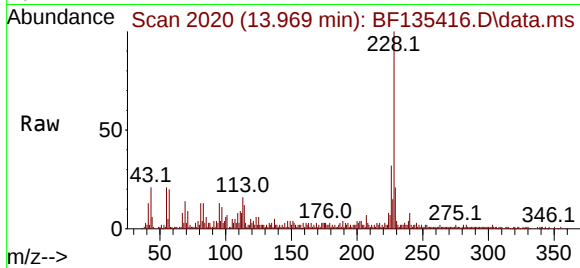
Tgt Ion:228 Resp: 38723
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.7 32.5
 229 24.0 15.8 23.8





#83
Chrysene
Concen: 2.068 ng m
RT: 13.969 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

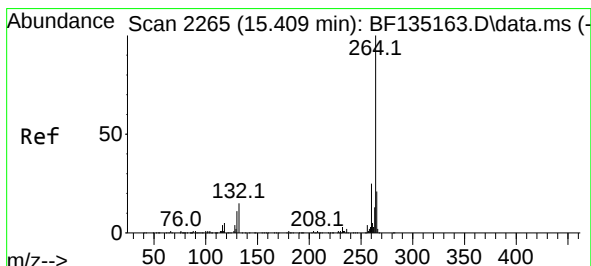
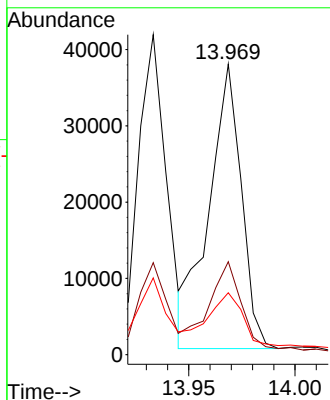
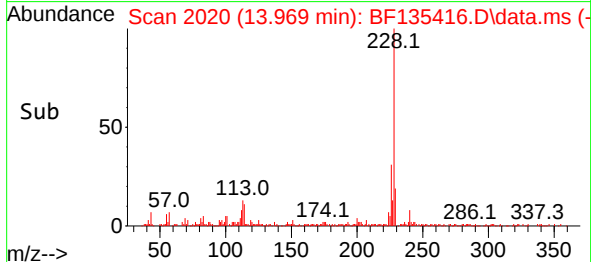
Instrument :
BNA_F
ClientSampleId :
CPT102-07



Tgt Ion:228 Resp: 3972
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 21.3 16.0 24.0

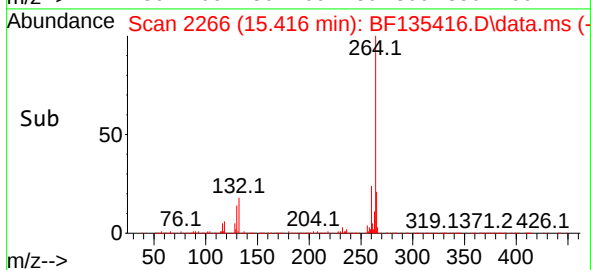
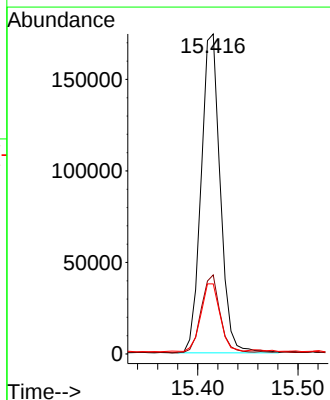
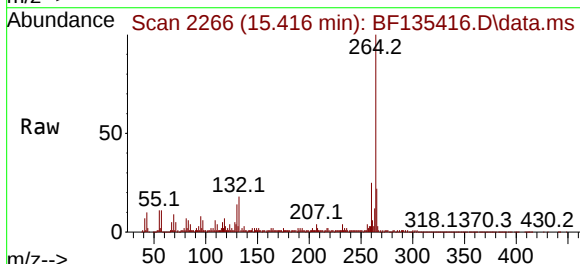
Manual Integrations
APPROVED

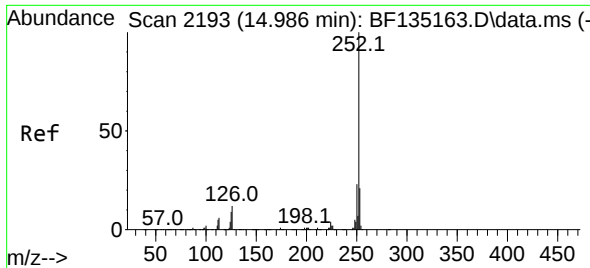
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

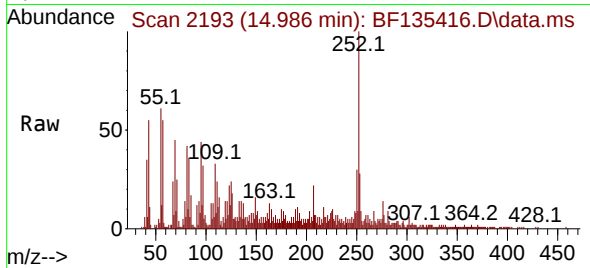
Tgt Ion:264 Resp: 231188
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.9 17.0 25.4





#88
Benzo(b)fluoranthene
Concen: 3.200 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

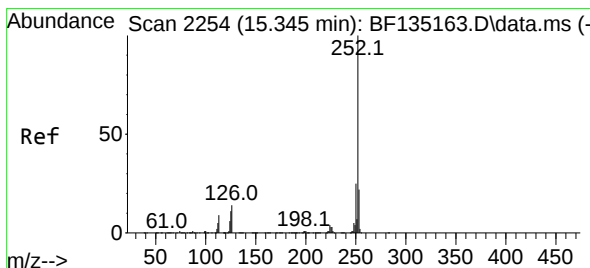
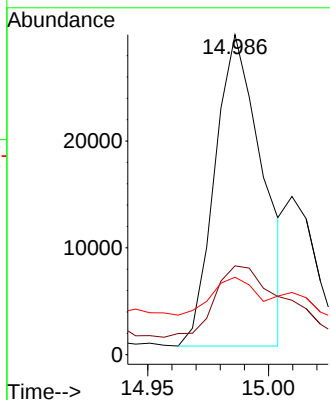
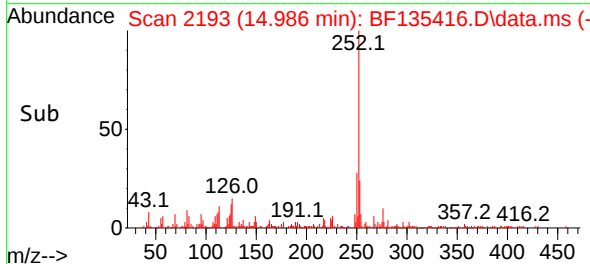
Instrument :
BNA_F
ClientSampleId :
CPT102-07



Tgt Ion:252 Resp: 4005
Ion Ratio Lower Upper
252 100
253 27.8 17.2 25.8
125 24.2 7.1 10.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#90
Benzo(a)pyrene
Concen: 2.141 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135416.D
Acq: 23 Sep 2023 00:00

Tgt Ion:252 Resp: 25555
Ion Ratio Lower Upper
252 100
253 30.2 17.5 26.3#
125 32.7 9.2 13.8#

