

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120536.D
 Acq On : 4 Jun 2020 16:29
 Operator : JU/CG
 Sample : L2839-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Manual Integrations
 APPROVED

mohammad
 6/5/2020 11:57:31 AM

Quant Time: Jun 04 17:08:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182233	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	613478	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	354849	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	603820	20.00	ng	0.00
76) Chrysene-d12	13.99	240	486308	20.00	ng	-0.01
86) Perylene-d12	15.45	264	448347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	649510	67.92	ng	0.00
7) Phenol-d6	6.46	99	887283	75.28	ng	0.00
23) Nitrobenzene-d5	7.39	82	723339	77.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	290269	88.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1087189	51.98	ng	0.00
79) Terphenyl-d14	12.94	244	1271146	58.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	264435	11.920	ng	99
71) Phenanthrene	11.37	178	68674	2.581	ng	98
75) Fluoranthene	12.56	202	166513	5.816	ng	99
78) Pyrene	12.79	202	167645	4.957	ng	99
81) Benzo(a)anthracene	13.98	228	92715	3.557	ng	97
83) Chrysene	14.02	228	88387	3.235	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	49236	2.008	ng	95
88) Benzo(b)fluoranthene	15.03	252	123772m	4.970	ng	
90) Benzo(a)pyrene	15.39	252	79982	3.672	ng	99
92) Benzo(g,h,i)perylene	17.33	276	46506	2.359	ng	99

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

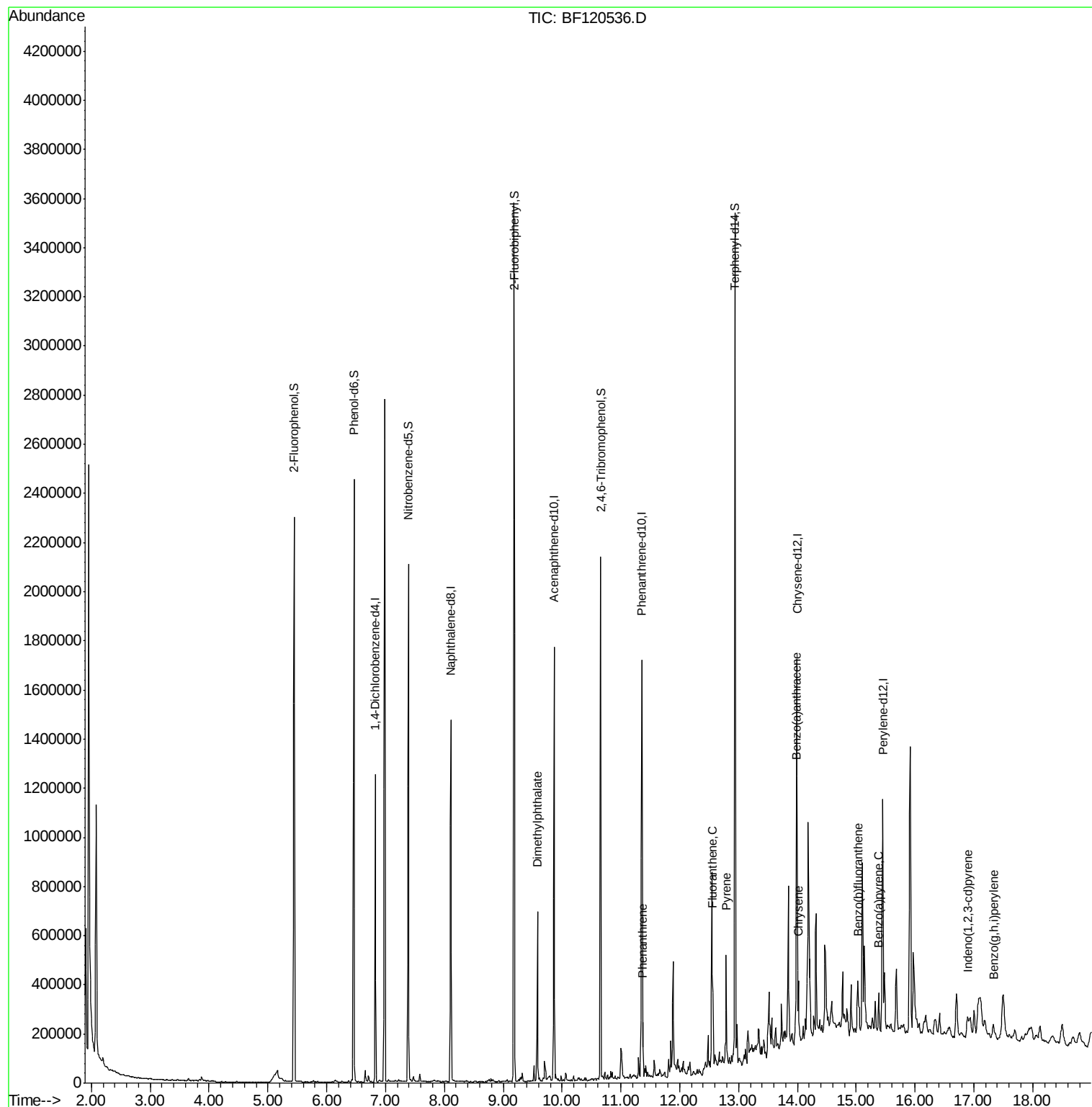
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120536.D
Acq On : 4 Jun 2020 16:29
Operator : JU/CG
Sample : L2839-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

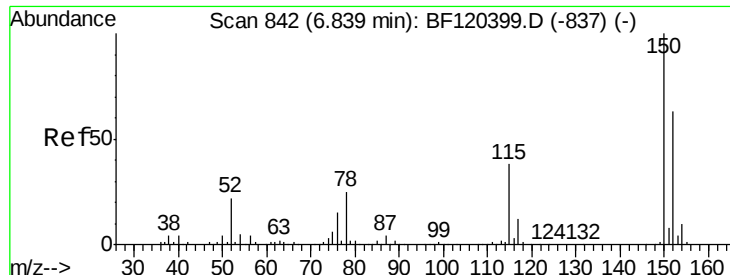
Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Manual Integrations
APPROVED

mohammad
6/5/2020 11:57:31 AM

Quant Time: Jun 04 17:08:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 16:38:34 2020
Response via : Initial Calibration





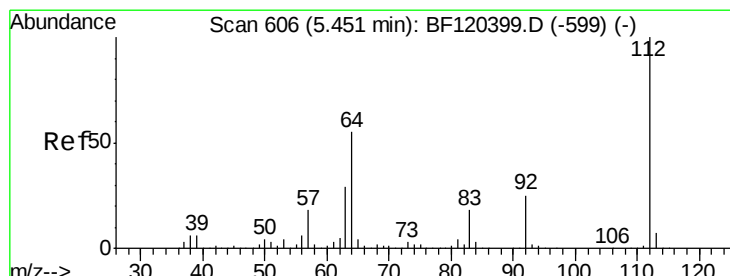
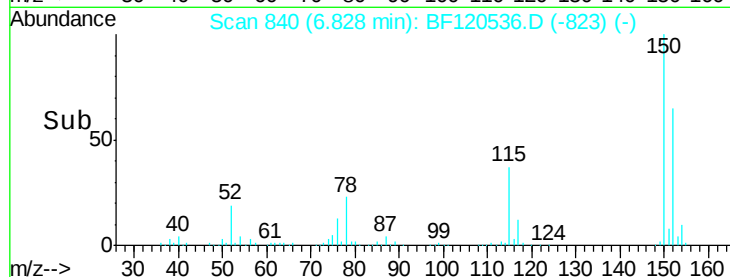
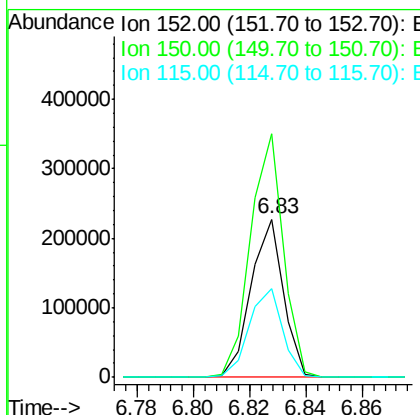
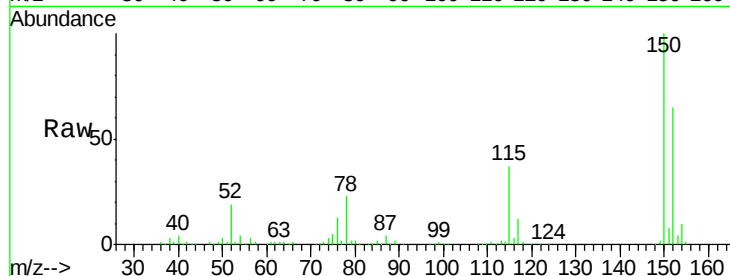
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.3	189.5
115	56.3	48.1	72.1

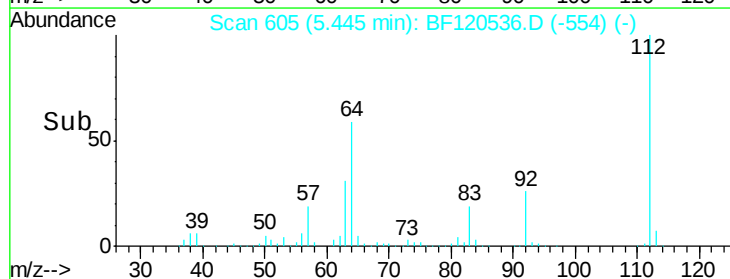
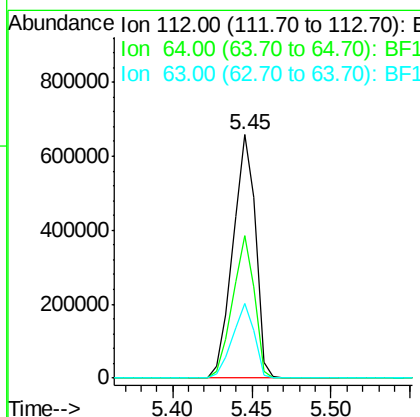
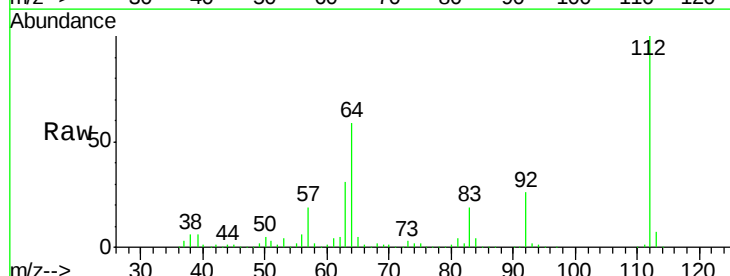
Manual Integrations
 APPROVED

mohammad
 6/5/2020 11:57:31 AM



#5
 2-Fluorophenol
 Concen: 67.924 ng
 RT: 5.45 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.2	70.8
63	30.9	24.7	37.1





#7

Phenol-d6

Concen: 75.282 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120536.D

Acq: 4 Jun 2020 16:29

Instrument :

BNA_F

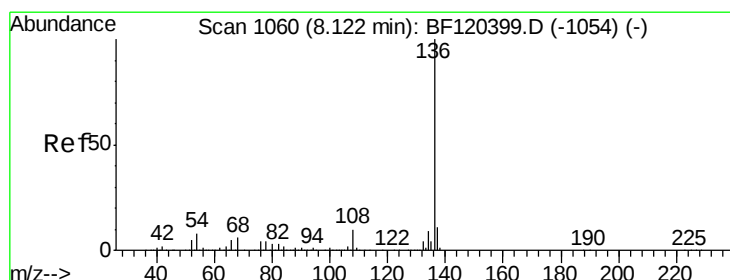
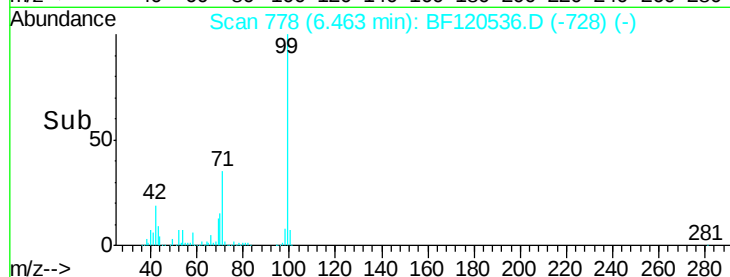
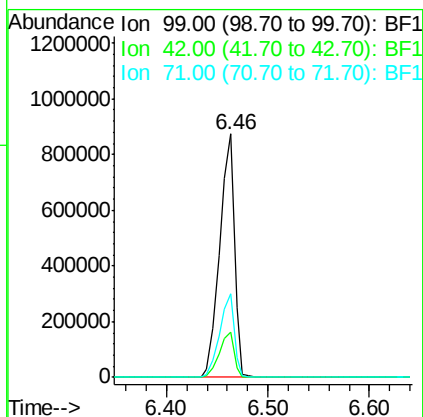
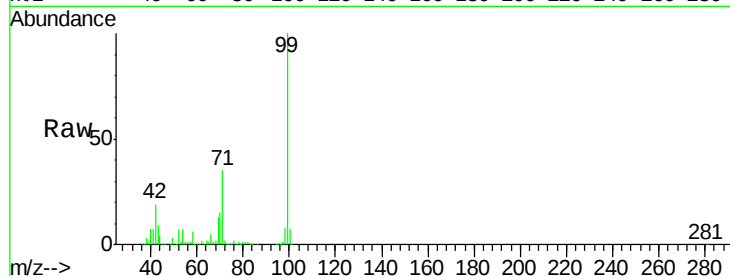
ClientSampleId :

NM104-COMP-2020-0-6

Tot Ion:	99	Resp:	887283
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	34.6	27.0	40.4

Manual Integrations
APPROVED

mohammad
6/5/2020 11:57:31 AM



#21

Naphthalene-d8

Concen: 20.000 ng

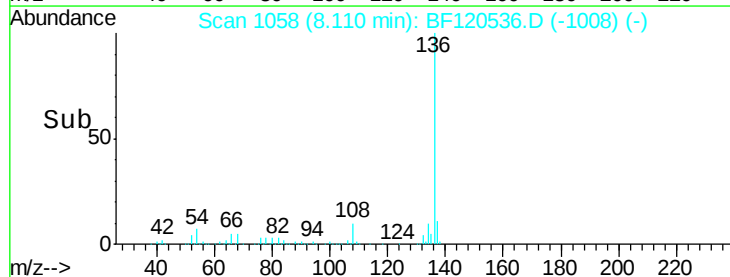
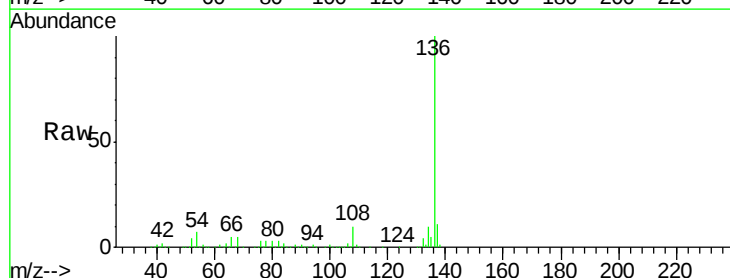
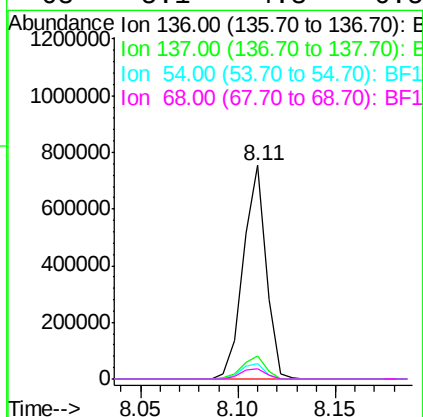
RT: 8.11 min Scan# 1058

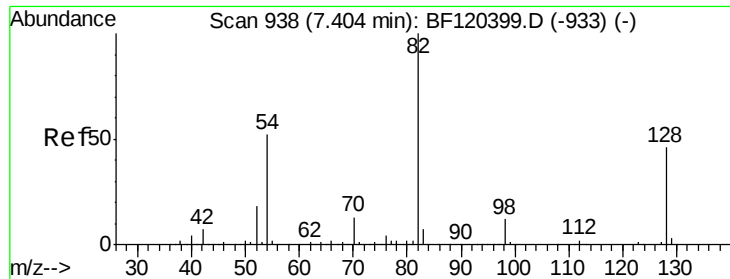
Delta R.T. -0.01 min

Lab File: BF120536.D

Acq: 4 Jun 2020 16:29

Tgt Ion:	136	Resp:	613478
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	5.4	8.0
68	5.1	4.3	6.5





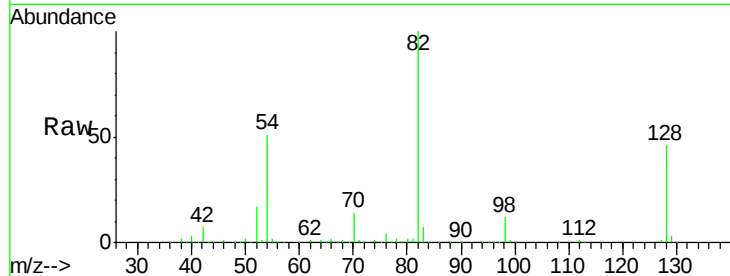
#23
 Nitrobenzene-d5
 Concen: 77.127 ng
 RT: 7.39 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

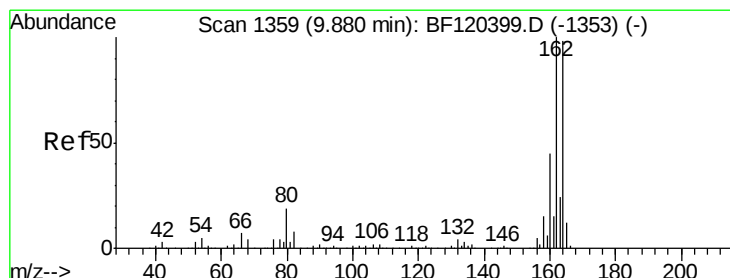
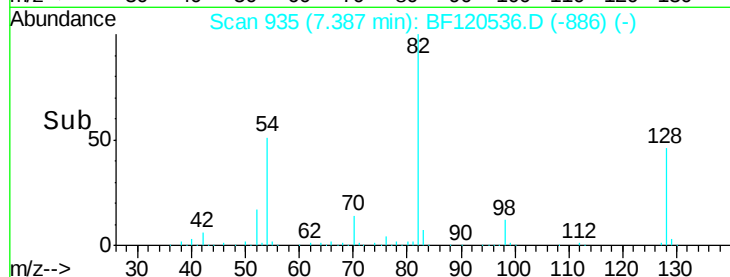
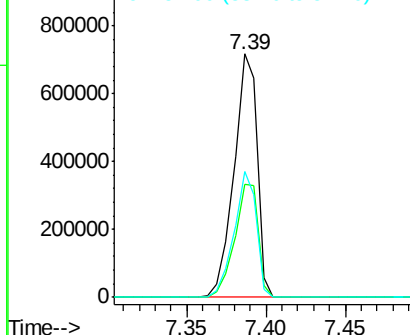
Tot Ion	Ratio	Resp	Lower	Upper
82	100	723339		
128	46.5		36.7	55.1
54	51.5		40.0	60.0

Manual Integrations
 APPROVED

mohammad
 6/5/2020 11:57:31 AM

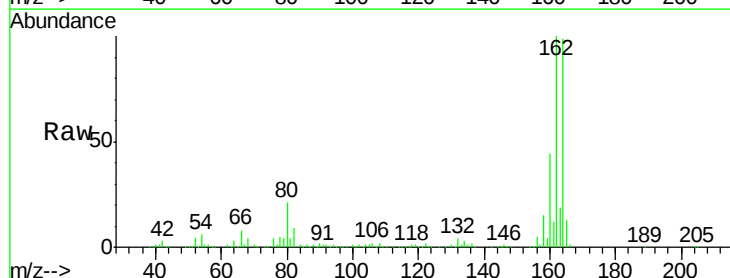


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

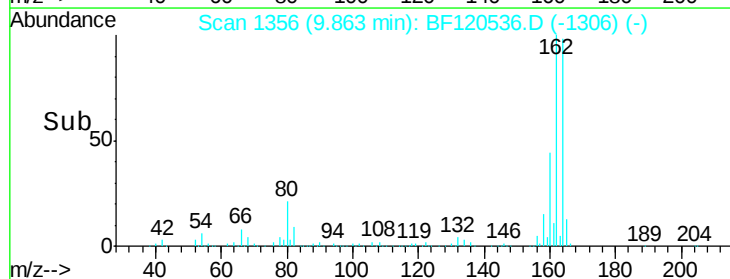
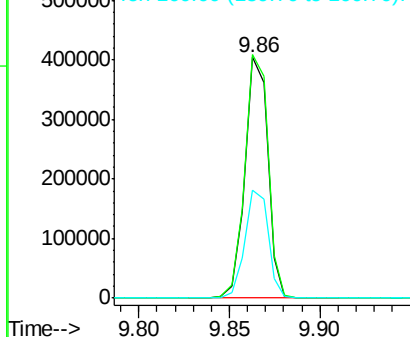


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	354849		
162	101.1		81.2	121.8
160	44.5		37.0	55.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





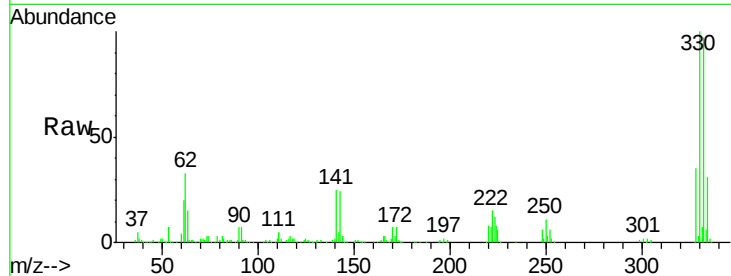
#42
 2,4,6-Tribromophenol
 Concen: 88.286 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

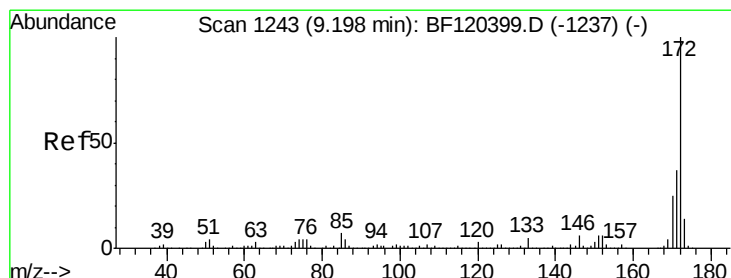
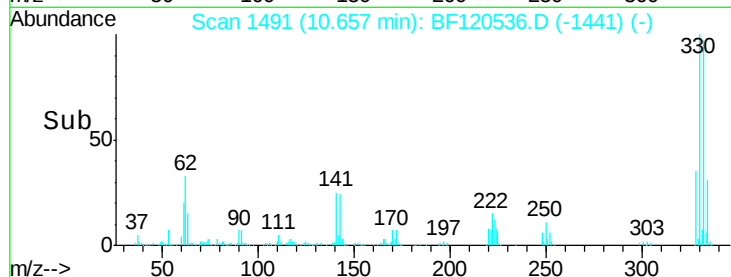
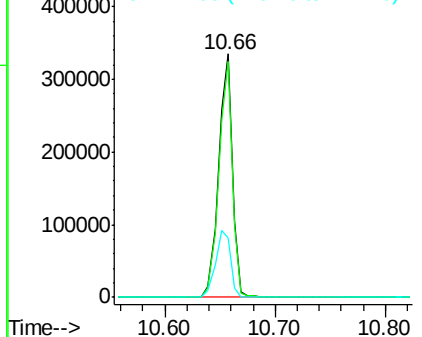
Tot Ion	Ratio	Resp	Lower	Upper
330	100	290269		
332	95.8	77.0	115.4	
141	29.8	23.8	35.8	

Manual Integrations
 APPROVED

mohammad
 6/5/2020 11:57:31 AM

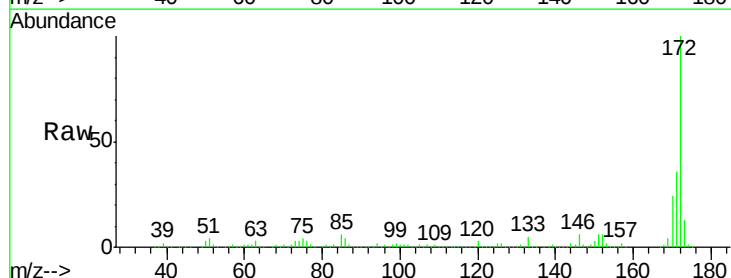


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

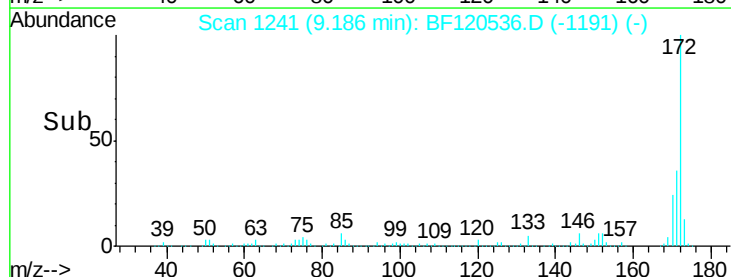
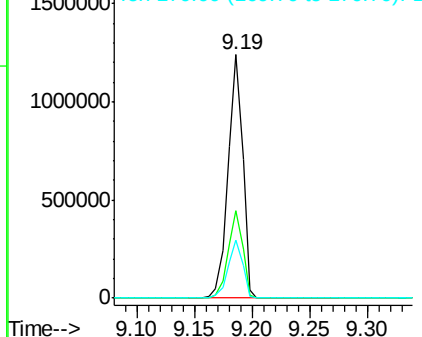


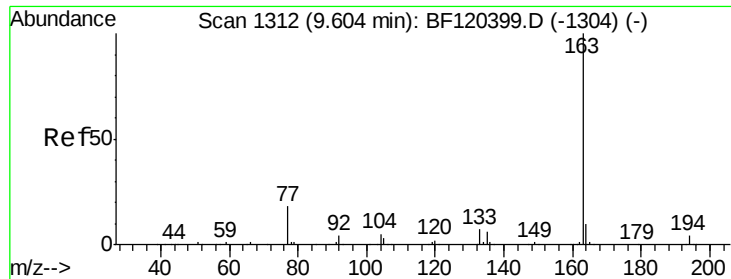
#45
 2-Fluorobiphenyl
 Concen: 51.983 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1087189		
171	36.1	29.5	44.3	
170	23.7	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





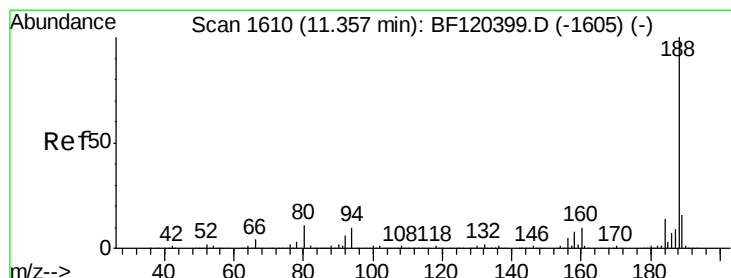
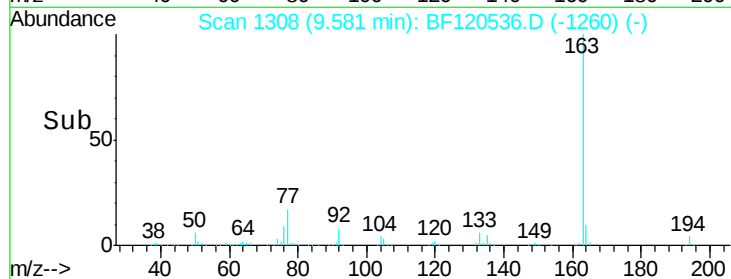
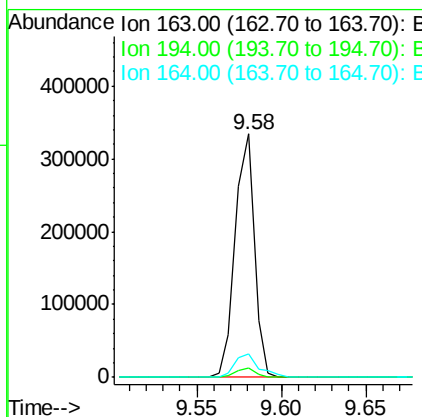
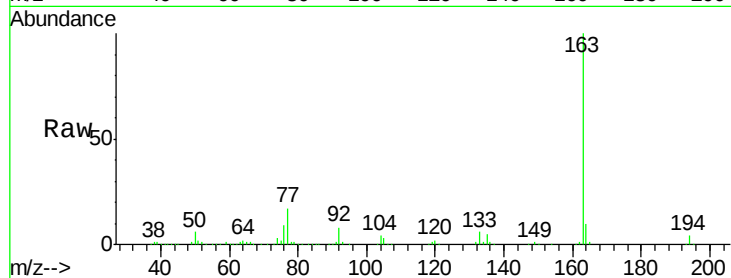
#50
Dimethylphthalate
Concen: 11.920 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	264435		
194	4.1		3.1	4.7
164	9.8		8.0	12.0

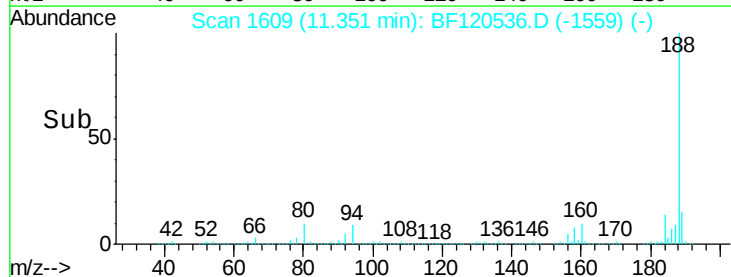
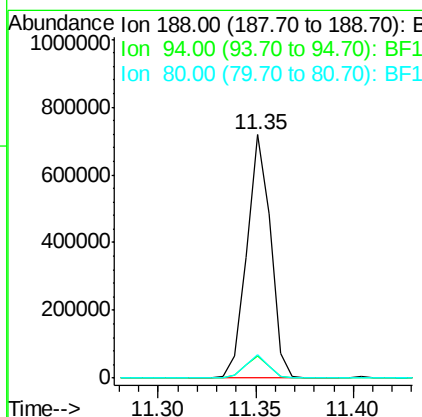
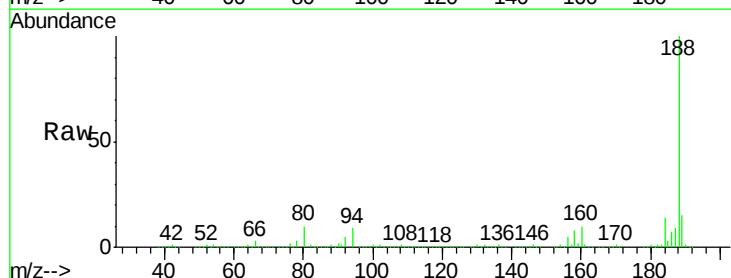
Manual Integrations
APPROVED

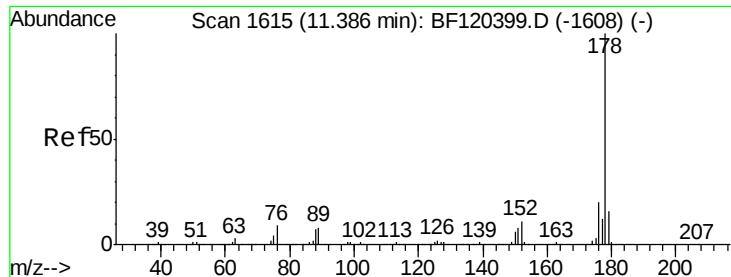
mohammad
6/5/2020 11:57:31 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	603820		
94	9.0		7.4	11.2
80	9.7		7.6	11.4





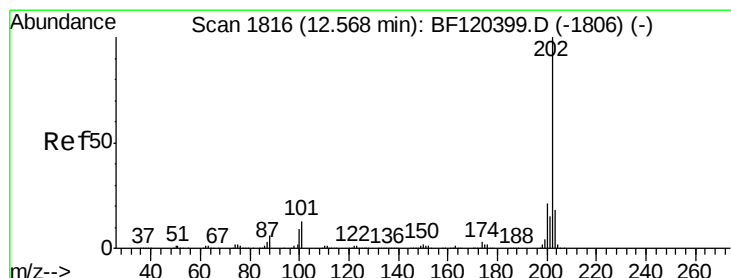
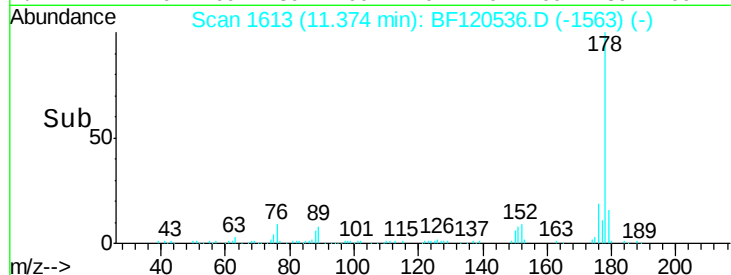
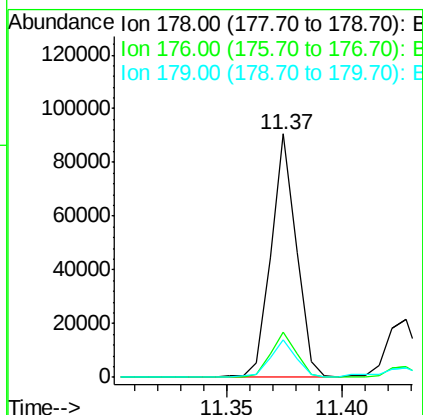
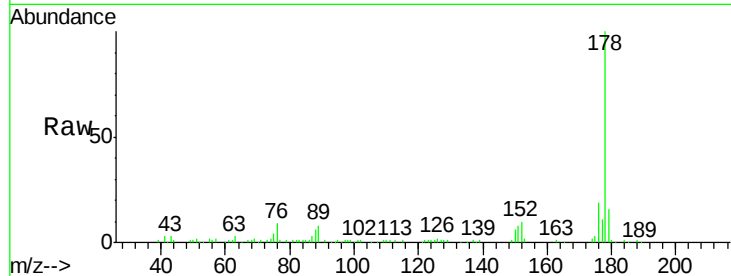
#71
Phenanthrene
Concen: 2.581 ng
RT: 11.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.2
179	15.6	12.8	19.2

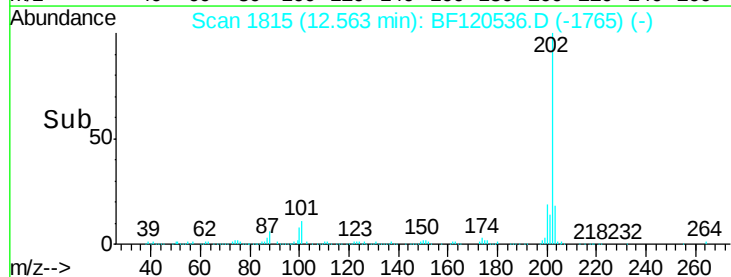
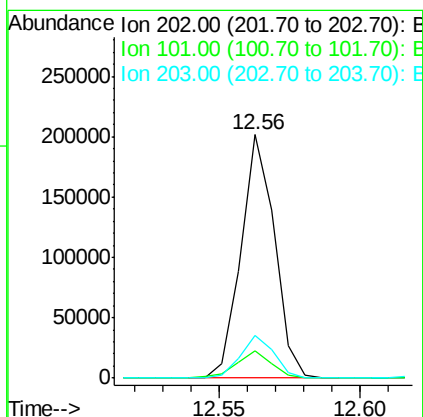
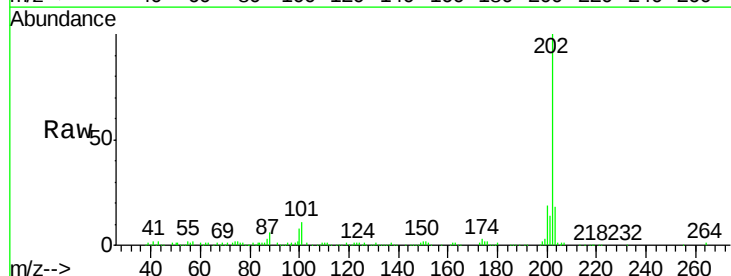
Manual Integrations
APPROVED

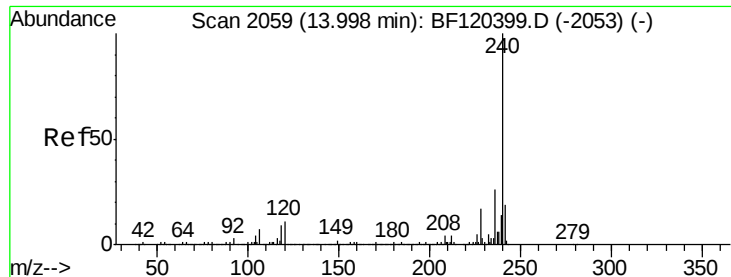
mohammad
6/5/2020 11:57:31 AM



#75
Fluoranthene
Concen: 5.816 ng
RT: 12.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.3
203	17.6	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120536.D

Acq: 4 Jun 2020 16:29

Instrument :

BNA_F

ClientSampleId :

NM104-COMP-2020-0-6

Tot Ion:240 Resp: 486308

Ion Ratio Lower Upper

240 100

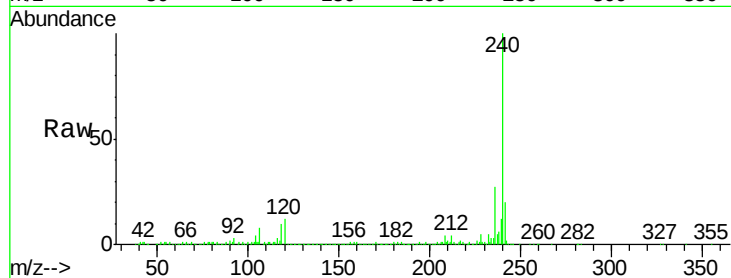
120 11.7 7.7 11.5#

236 26.8 20.8 31.2

Manual Integrations
APPROVED

mohammad

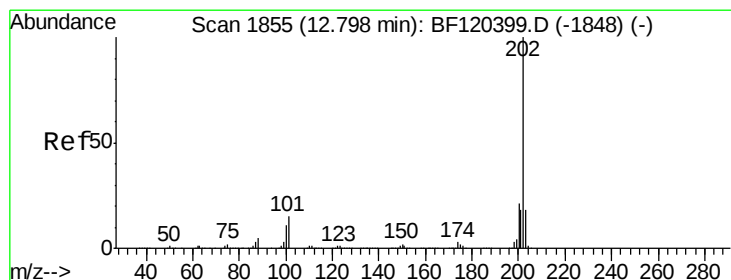
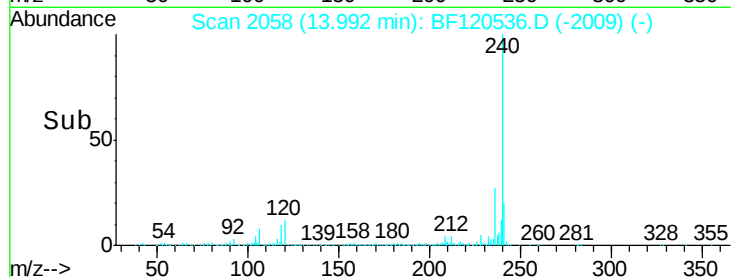
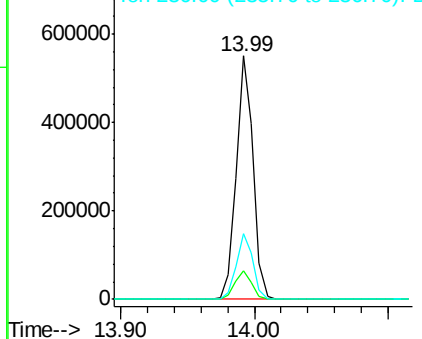
6/5/2020 11:57:31 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 4.957 ng

RT: 12.79 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF120536.D

Acq: 4 Jun 2020 16:29

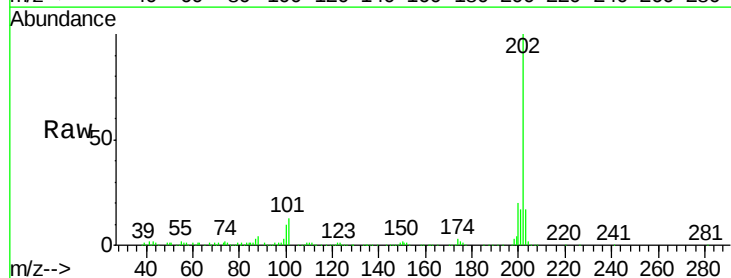
Tgt Ion:202 Resp: 167645

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

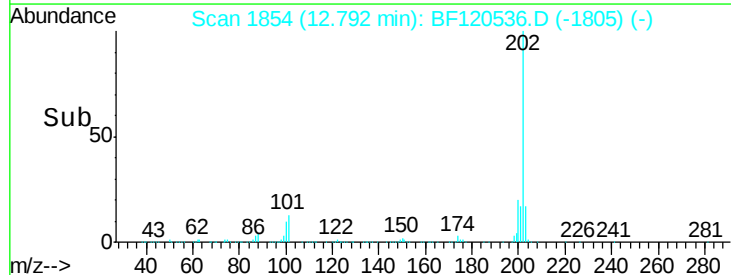
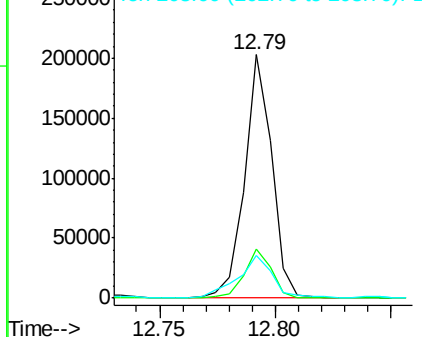
203 17.5 14.2 21.2

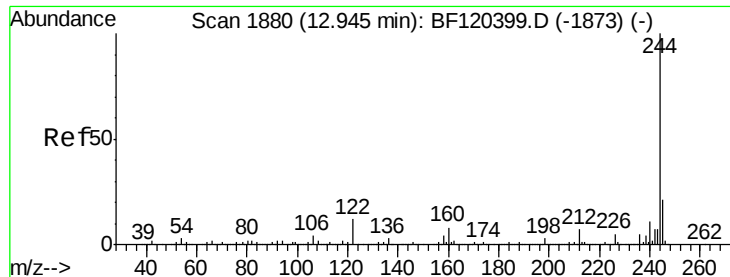


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





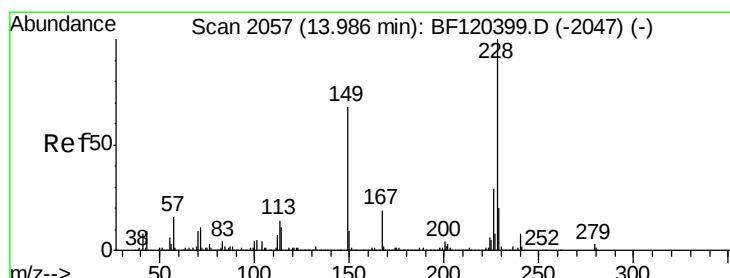
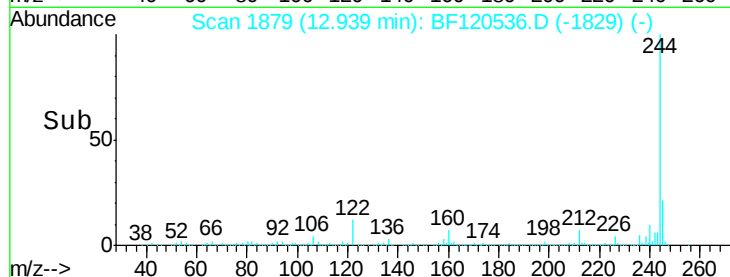
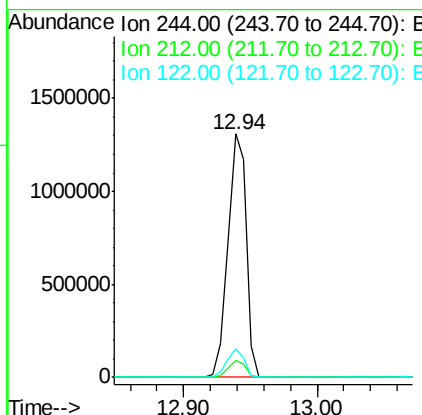
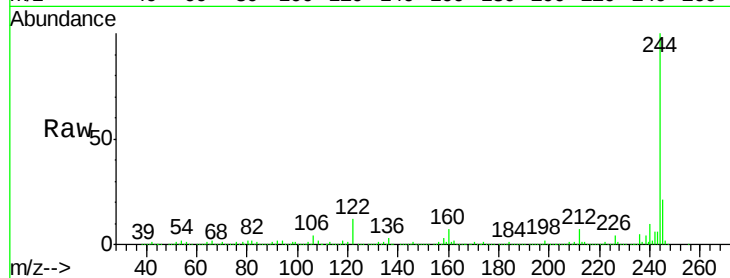
#79
 Terphenyl-d14
 Concen: 58.165 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Tot Ion:244 Resp: 1271146
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.7 8.0 12.0

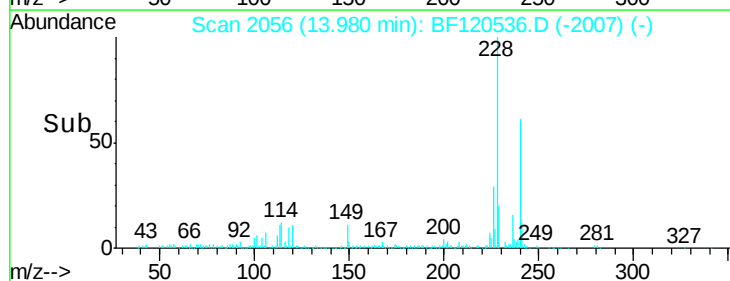
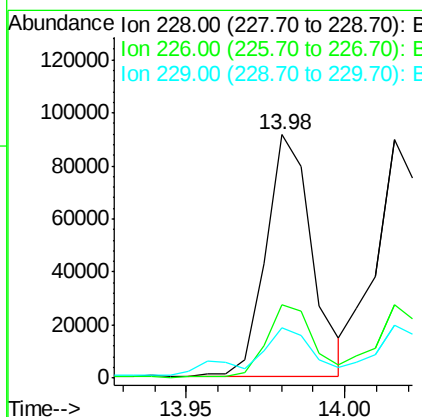
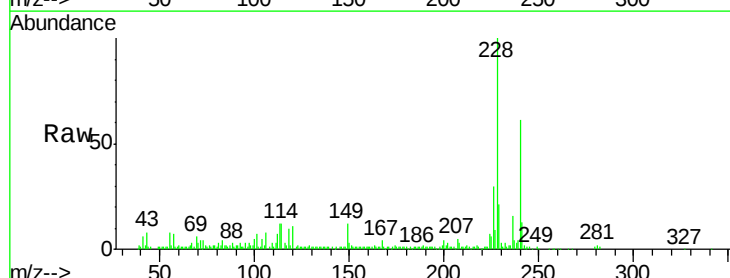
Manual Integrations
 APPROVED

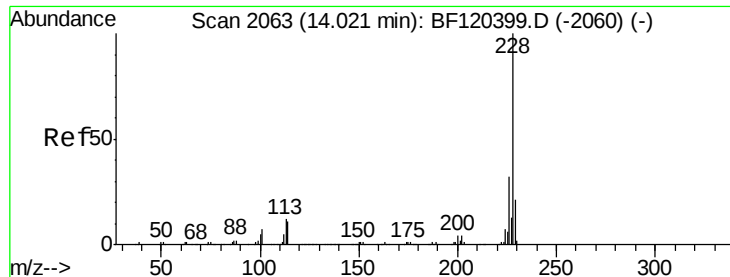
mohammad
 6/5/2020 11:57:31 AM



#81
 Benzo(a)anthracene
 Concen: 3.557 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Tgt Ion:228 Resp: 92715
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.4 33.6
 229 20.6 16.2 24.2





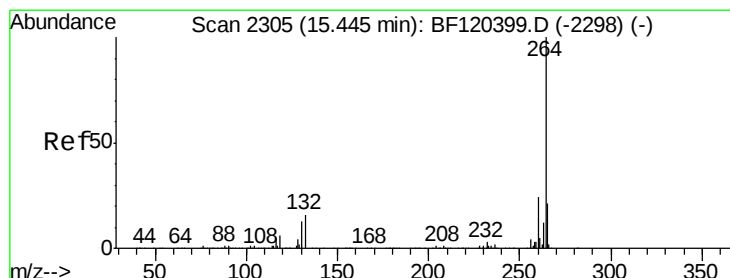
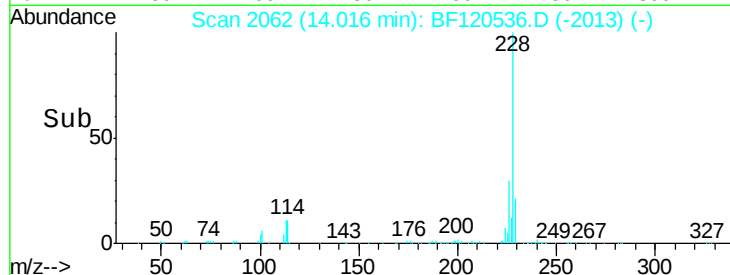
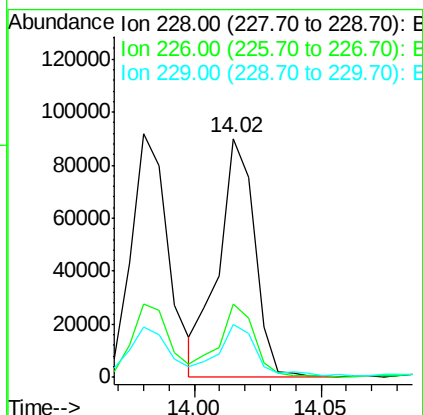
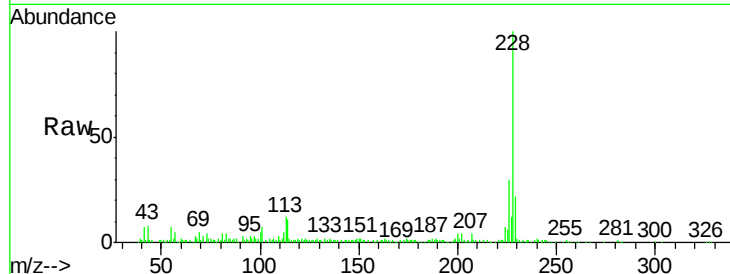
#83
Chrysene
Concen: 3.235 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.6	38.4
229	22.4	16.2	24.2

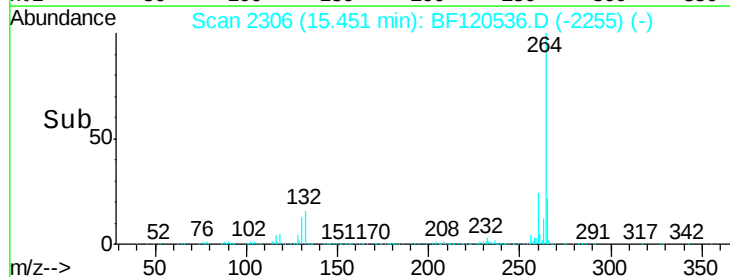
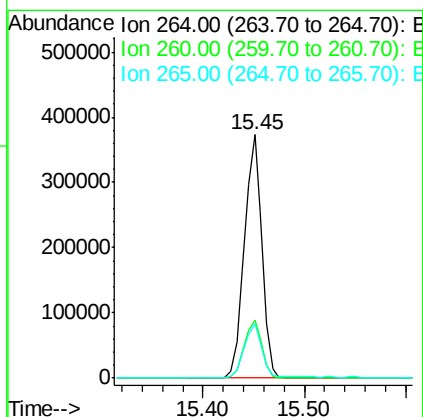
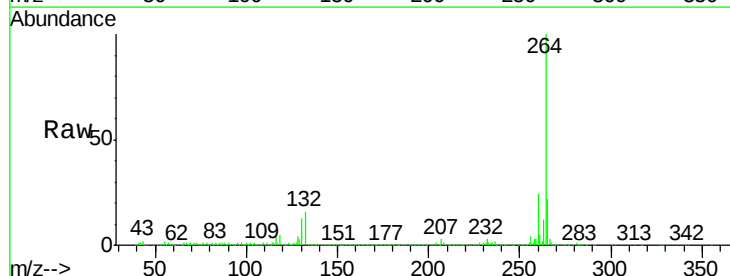
Manual Integrations
APPROVED

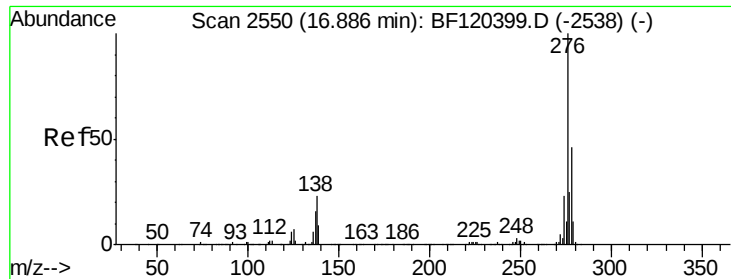
mohammad
6/5/2020 11:57:31 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.3	17.5	26.3





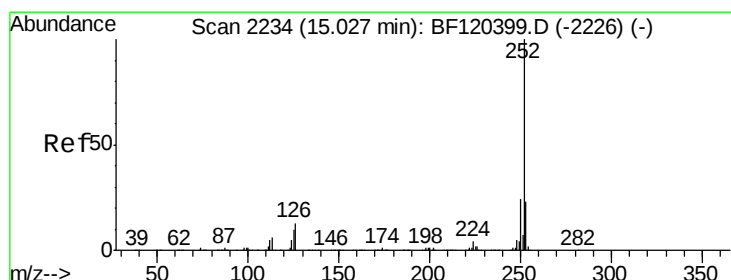
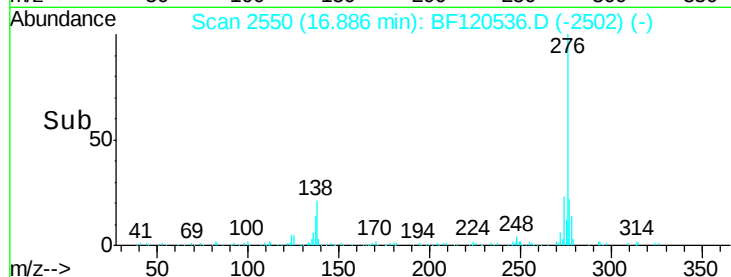
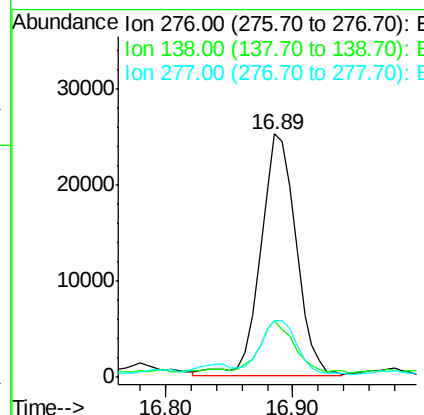
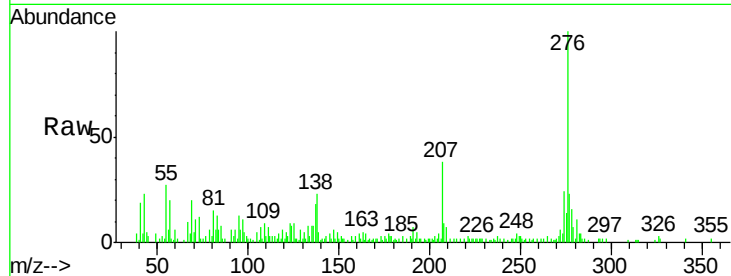
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.008 ng
 RT: 16.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.2	28.8
277	22.7	20.3	30.5

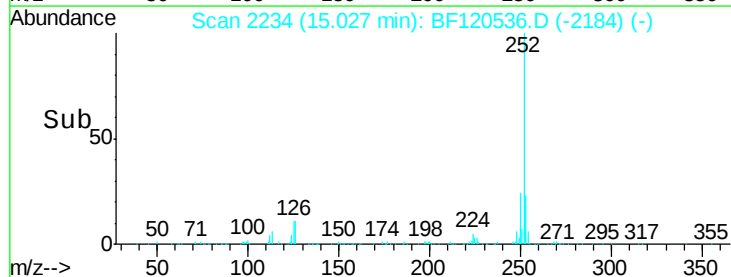
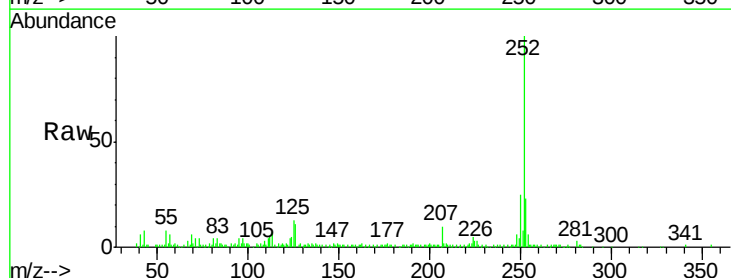
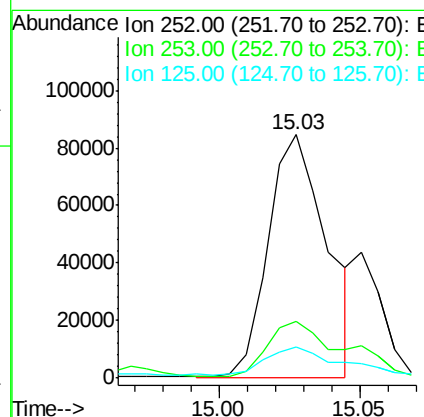
Manual Integrations
 APPROVED

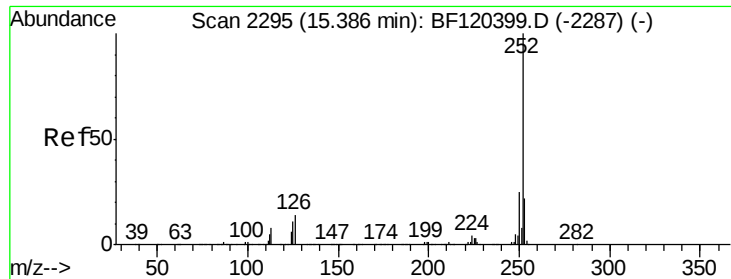
mohammad
 6/5/2020 11:57:31 AM



#88
 Benzo(b)fluoranthene
 Concen: 4.970 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF120536.D
 Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.6	8.3	12.5#





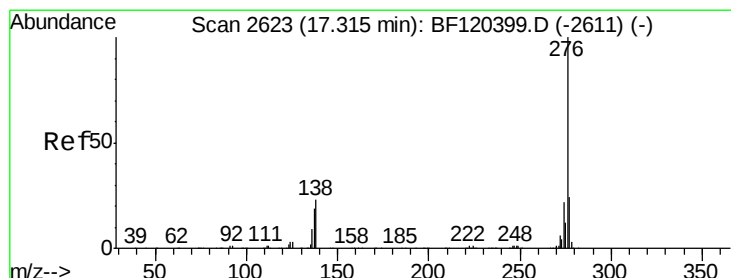
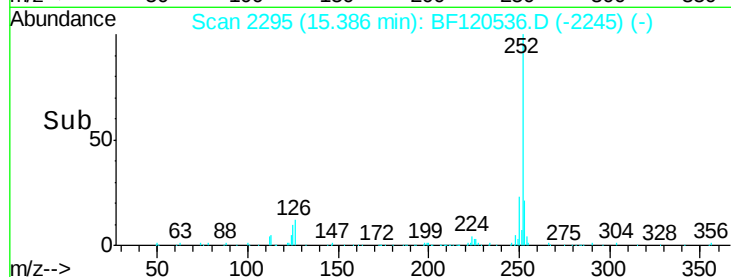
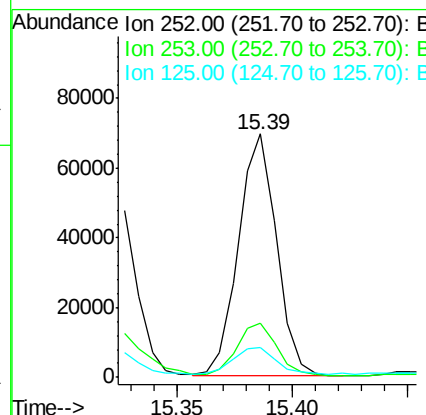
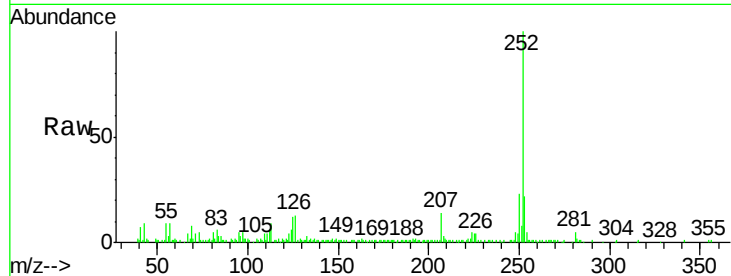
#90
Benzo(a)pyrene
Concen: 3.672 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Instrument :
BNA_F
ClientSampleId :
NM104-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.3	9.6	14.4

Manual Integrations
APPROVED

mohammad
6/5/2020 11:57:31 AM



#92
Benzo(g,h,i)perylene
Concen: 2.359 ng
RT: 17.33 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF120536.D
Acq: 4 Jun 2020 16:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.3	28.9
138	21.7	16.9	25.3

