

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120192.D
 Acq On : 24 Apr 2020 10:39
 Operator : MA/SJ
 Sample : L2397-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:07 PM

Quant Time: Apr 24 11:22:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	141062	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	552798	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	284516	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	533545	20.00	ng	0.00
76) Chrysene-d12	13.82	240	336165	20.00	ng	-0.01
87) Perylene-d12	15.22	264	283821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	832930	102.04	ng	0.00
7) Phenol-d6	6.31	99	1107233	105.27	ng	0.00
23) Nitrobenzene-d5	7.23	82	724523	67.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	311494	89.42	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1450612	72.39	ng	0.00
79) Terphenyl-d14	12.77	244	1543039	77.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	201801	9.170	ng	Qvalue 100
71) Phenanthrene	11.20	178	75122	2.646	ng	97
75) Fluoranthene	12.39	202	207233	6.764	ng	94
78) Pyrene	12.62	202	249013	8.787	ng	98
81) Benzo(a)anthracene	13.80	228	116167	5.253	ng	94
83) Chrysene	13.84	228	106241	4.728	ng	97
86) Indeno(1,2,3-cd)pyrene	16.56	276	53321	2.692	ng	96
88) Benzo(b)fluoranthene	14.82	252	126601m	6.201	ng	
89) Benzo(k)fluoranthene	14.84	252	38005m	2.157	ng	
90) Benzo(a)pyrene	15.16	252	98214	5.721	ng	99
92) Benzo(g,h,i)perylene	16.96	276	48156	3.208	ng	# 94

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

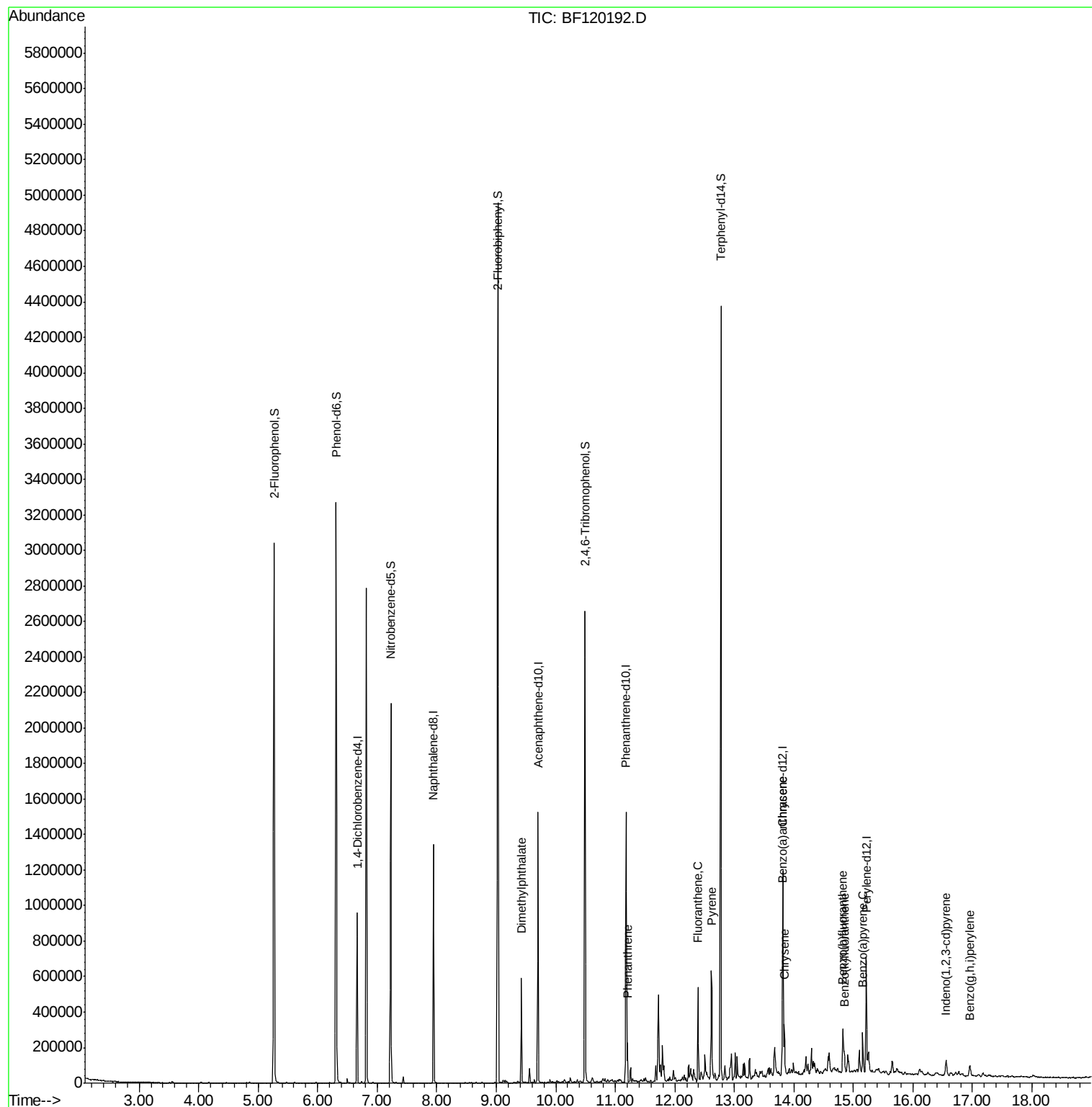
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120192.D
Acq On : 24 Apr 2020 10:39
Operator : MA/SJ
Sample : L2397-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

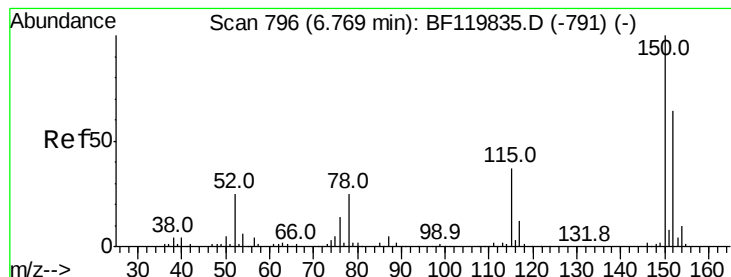
Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:07 PM

Quant Time: Apr 24 11:22:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 10:24:30 2020
Response via : Initial Calibration





#1

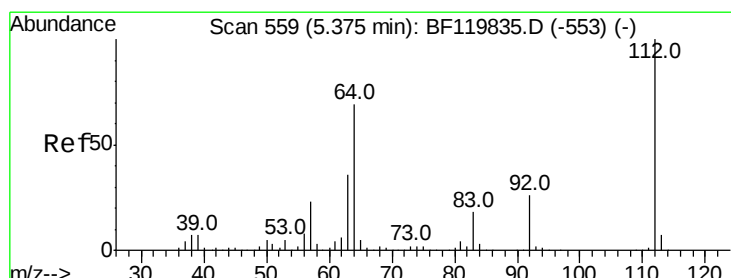
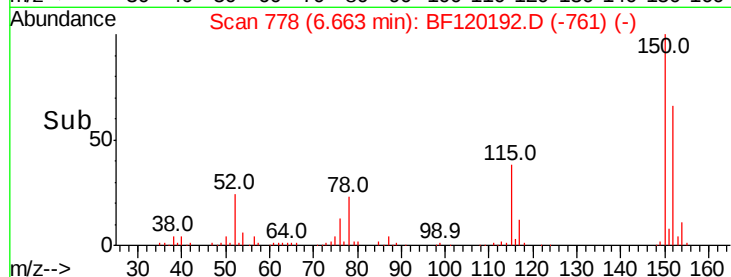
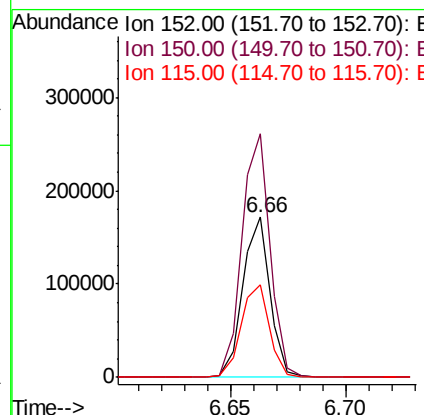
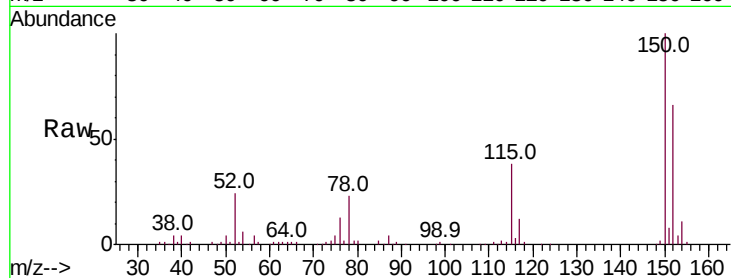
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.5	186.7
115	58.1	49.6	74.4

Manual Integrations
APPROVED

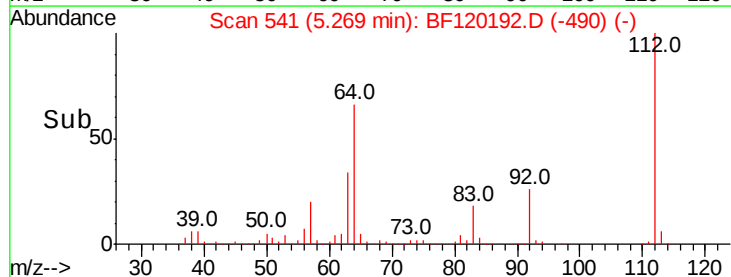
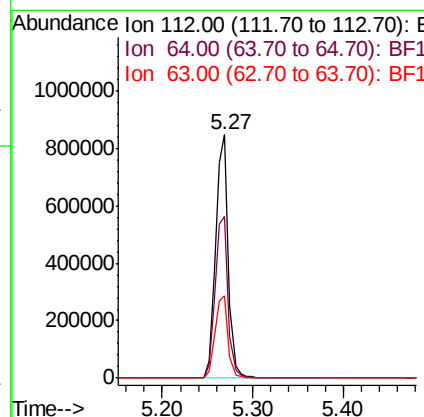
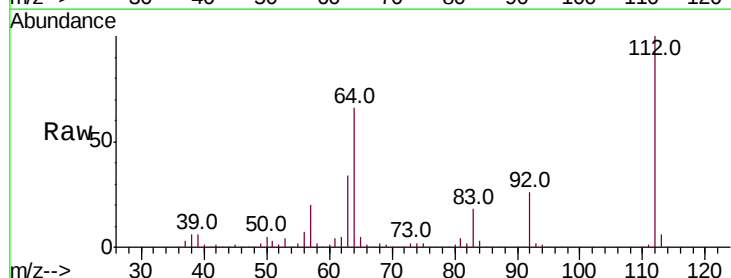
mohammad
4/27/2020 3:04:07 PM



#5

2-Fluorophenol
Concen: 102.044 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.7	85.1
63	33.6	29.5	44.3





#7

Phenol-d6

Concen: 105.273 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120192.D

Acq: 24 Apr 2020 10:39

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

Tot Ion: 99 Resp: 1107233

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

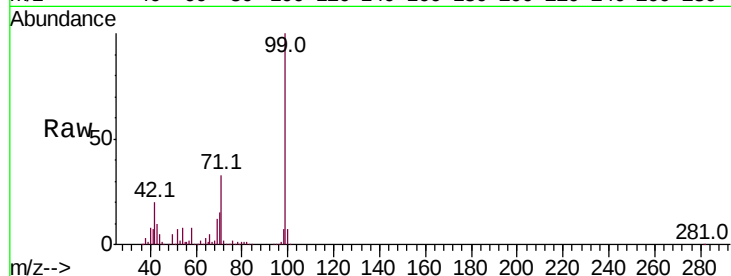
71 33.0 26.4 39.6

Manual Integrations

APPROVED

mohammad

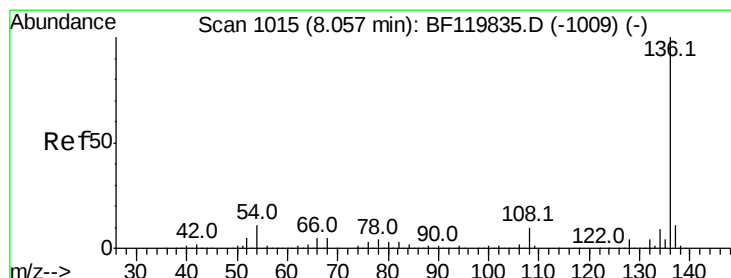
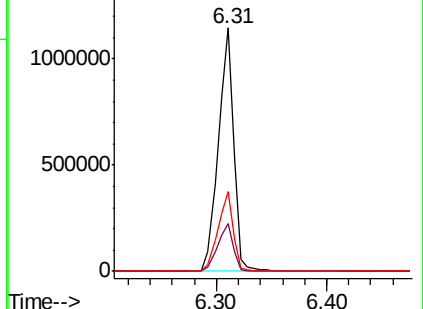
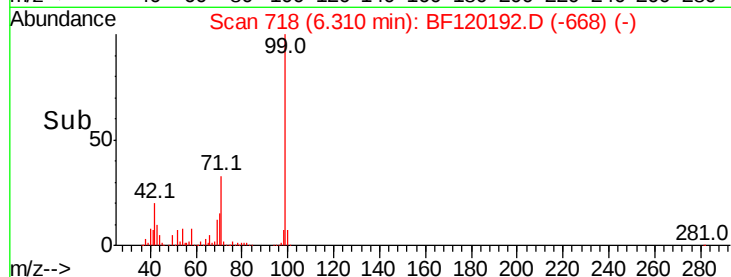
4/27/2020 3:04:07 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120192.D

Acq: 24 Apr 2020 10:39

Tgt Ion: 136 Resp: 552798

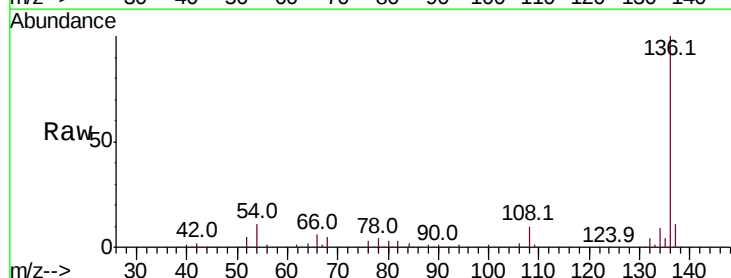
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.0 9.1 13.7

68 5.5 4.6 6.8

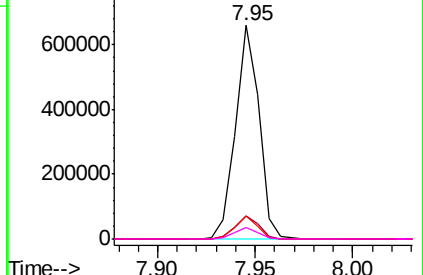
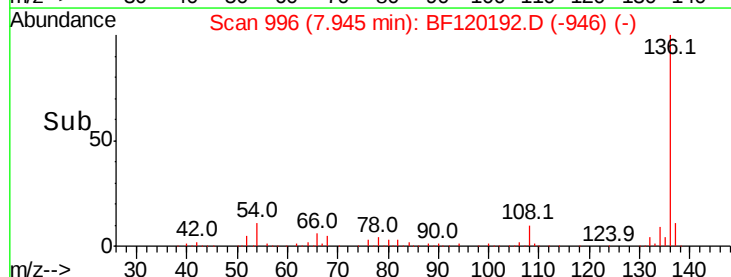


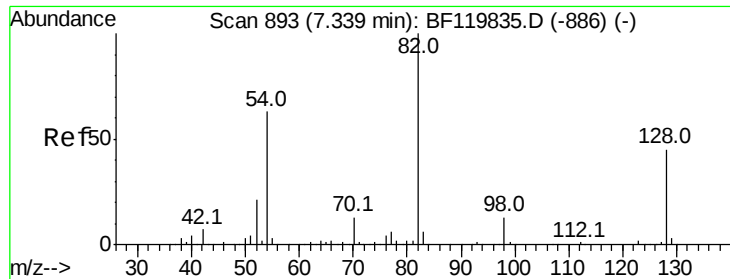
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





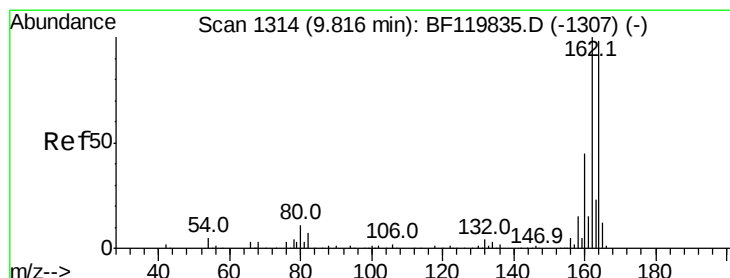
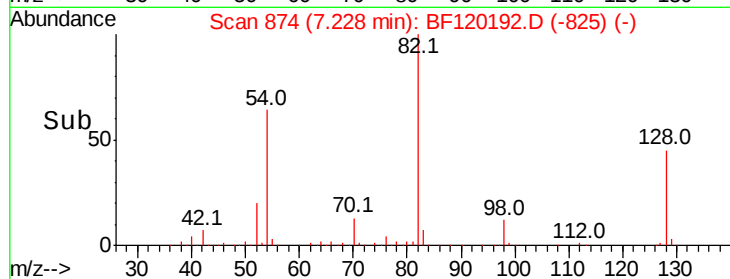
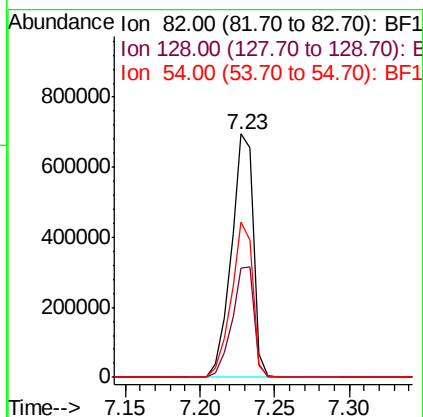
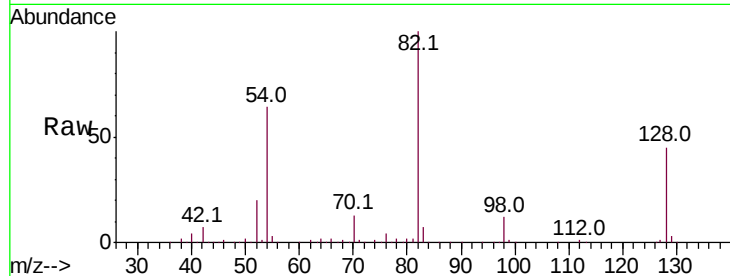
#23
Nitrobenzene-d5
Concen: 67.804 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	63.5	50.6	75.8

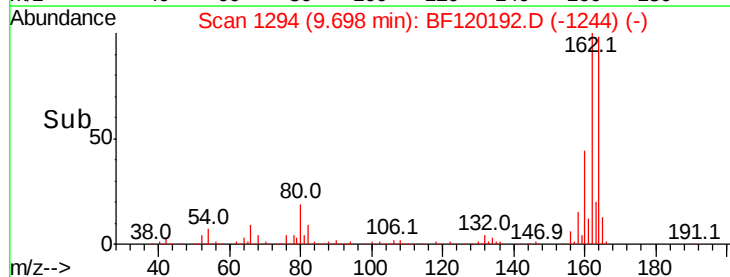
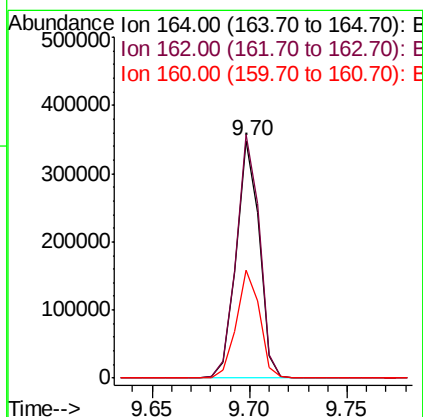
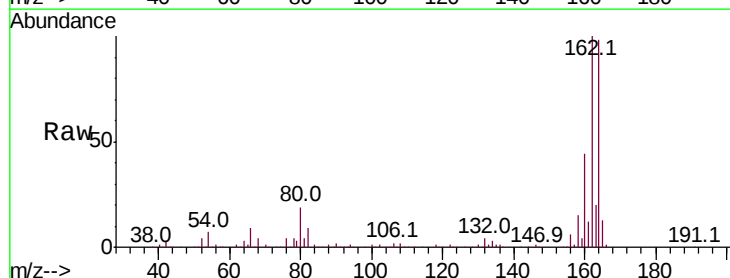
Manual Integrations
APPROVED

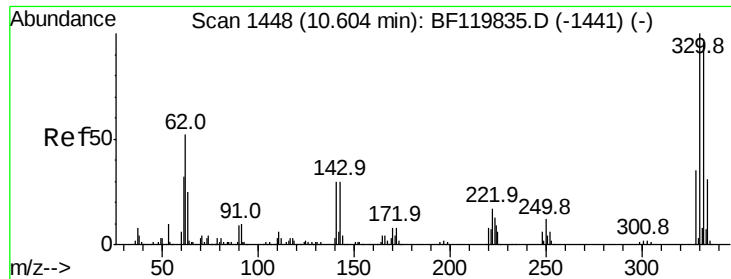
mohammad
4/27/2020 3:04:07 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	45.2	35.7	53.5





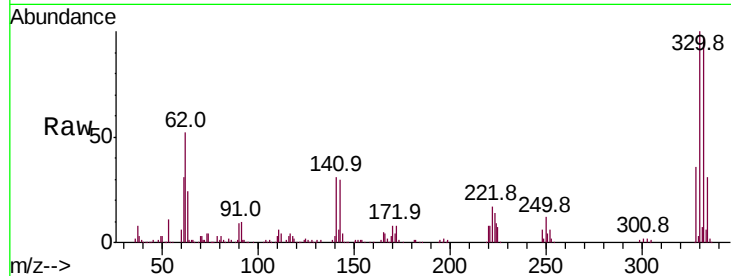
#42
 2,4,6-Tribromophenol
 Concen: 89.421 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120192.D
 Acq: 24 Apr 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

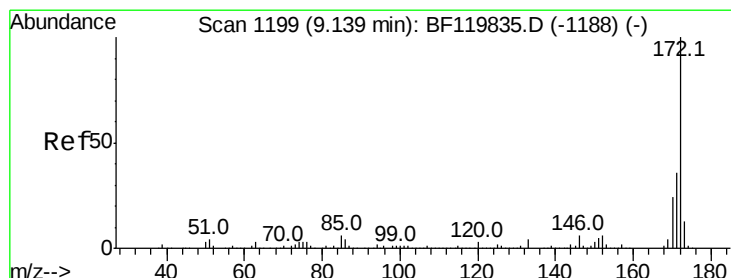
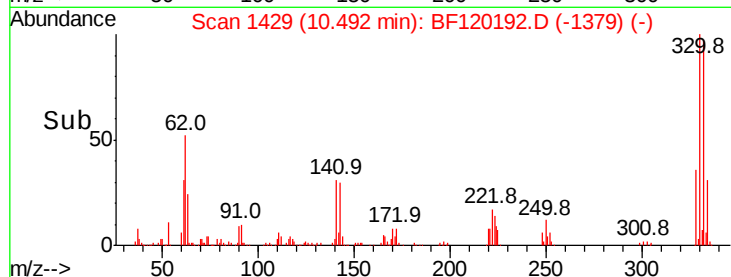
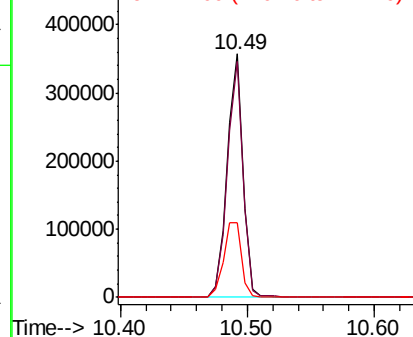
Tot Ion	Ratio	Resp	Lower	Upper
330	100	311494		
332	96.5	75.7	113.5	
141	35.2	25.4	38.0	

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:07 PM

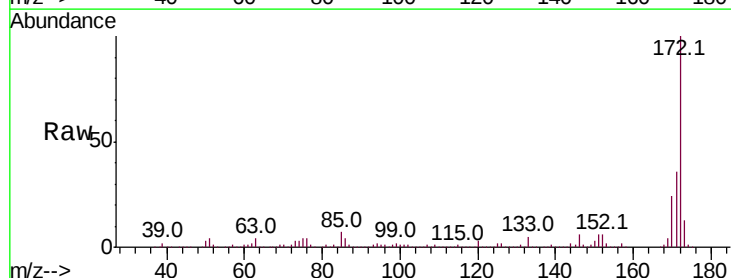


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

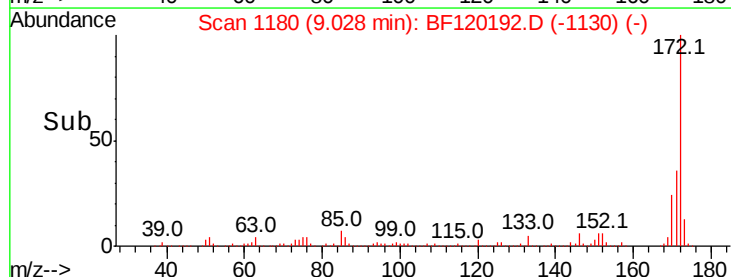
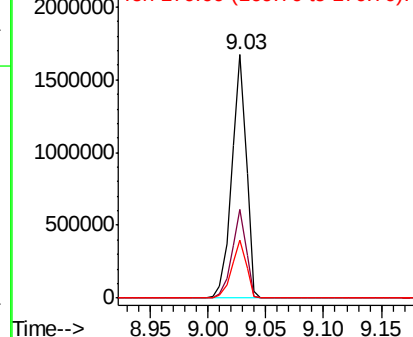


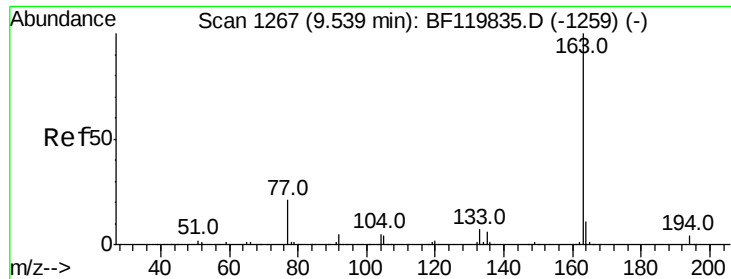
#45
 2-Fluorobiphenyl
 Concen: 72.388 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120192.D
 Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1450612		
171	36.2	29.6	44.4	
170	24.0	20.2	30.2	



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





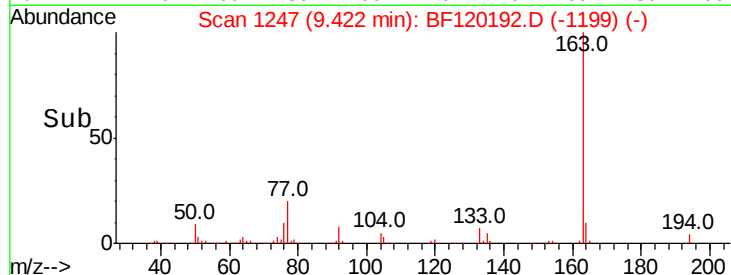
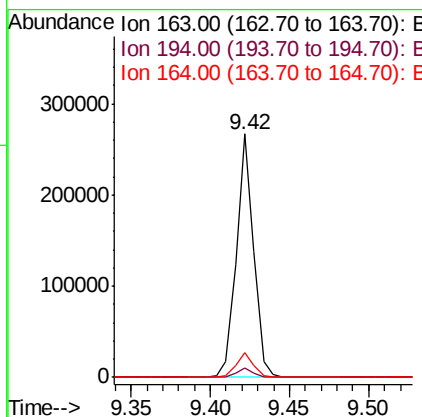
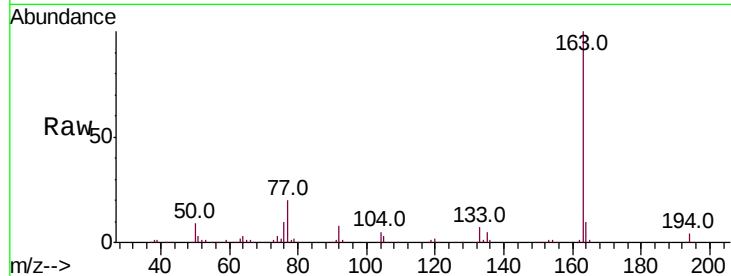
#50
Dimethylphthalate
Concen: 9.170 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	201801		
194	3.7		3.1	4.7
164	10.2		8.2	12.2

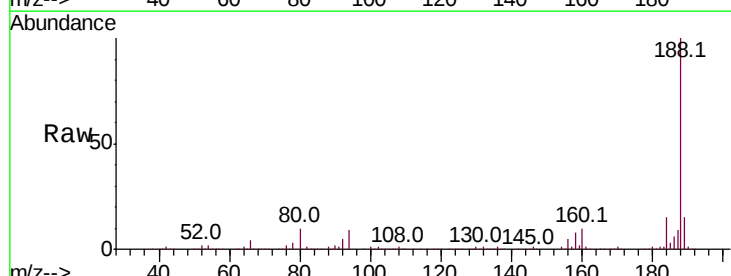
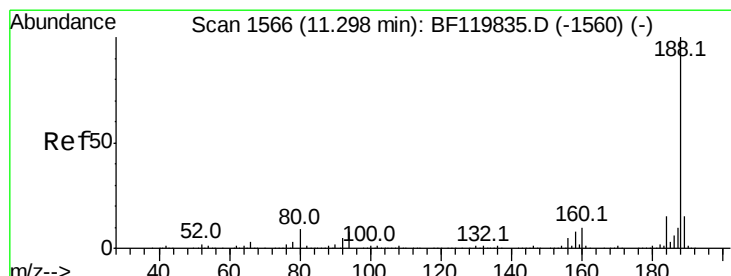
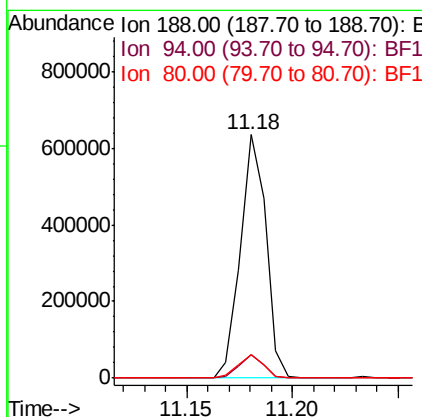
Manual Integrations
APPROVED

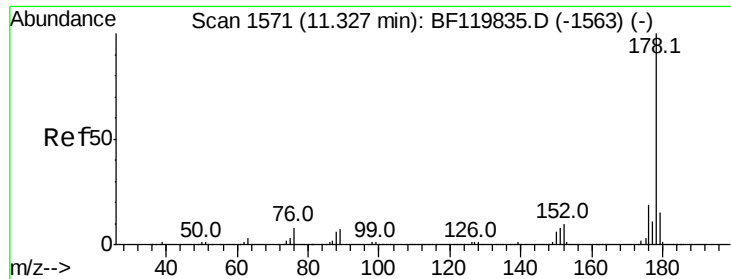
mohammad
4/27/2020 3:04:07 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	533545		
94	9.4		7.5	11.3
80	9.7		9.0	13.4





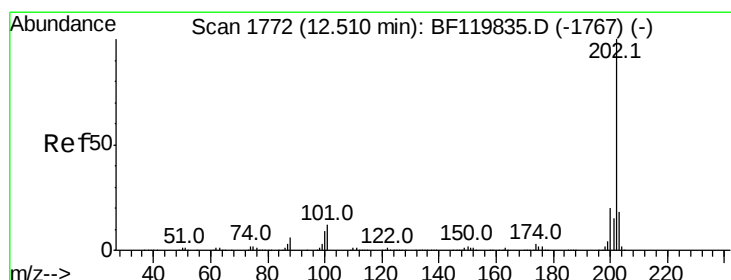
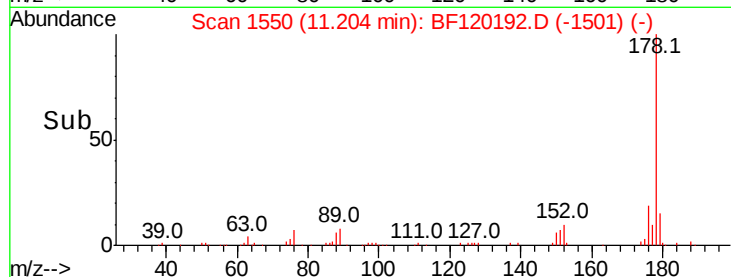
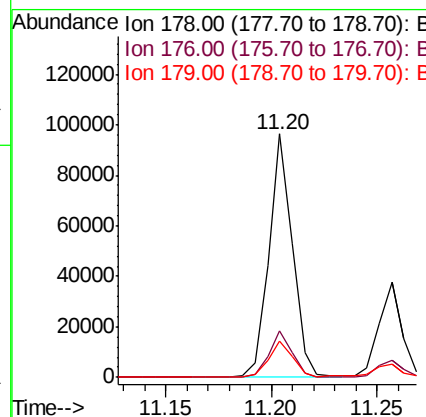
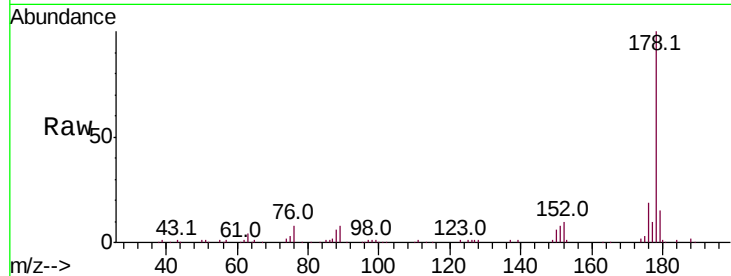
#71
Phenanthrene
Concen: 2.646 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.7	13.2	19.8

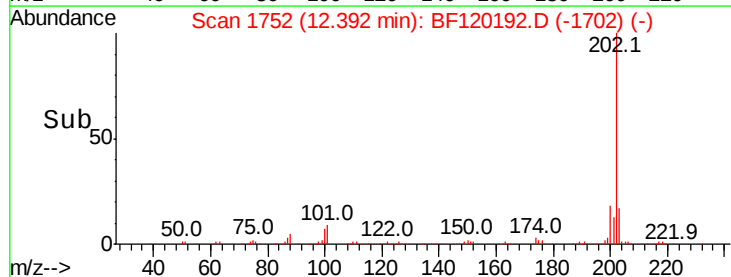
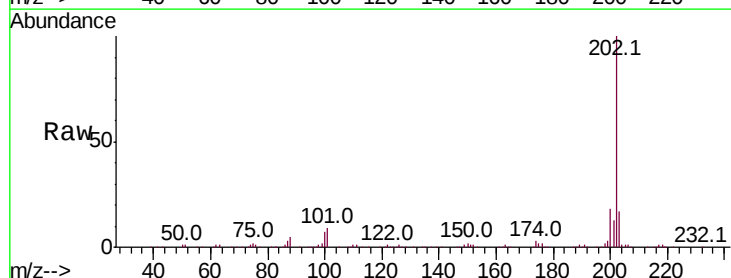
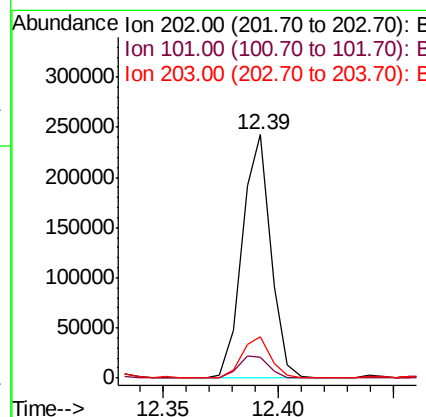
Manual Integrations
APPROVED

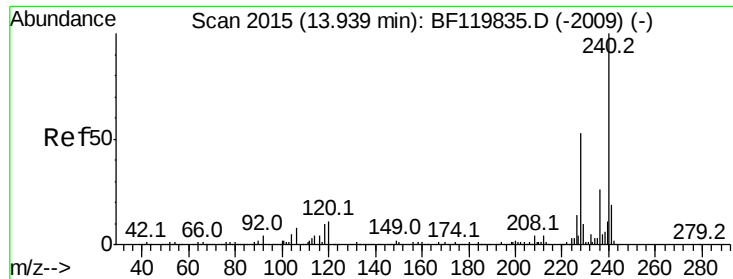
mohammad
4/27/2020 3:04:07 PM



#75
Fluoranthene
Concen: 6.764 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	32.2
203	16.9	0.0	38.8





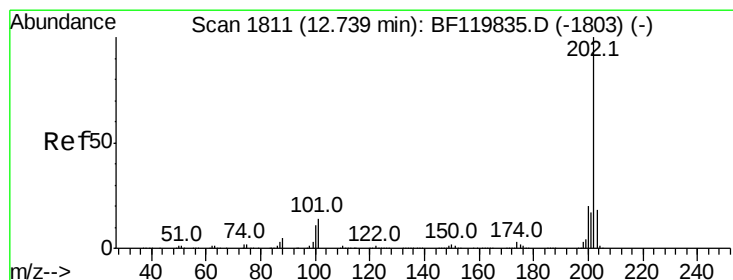
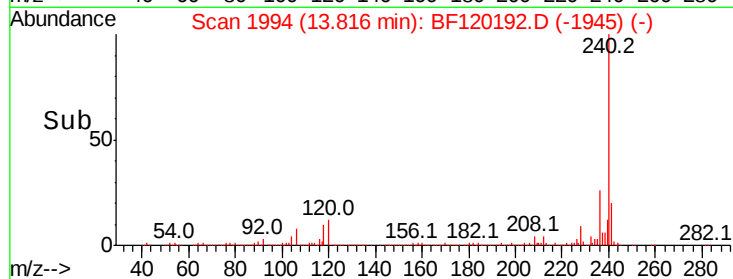
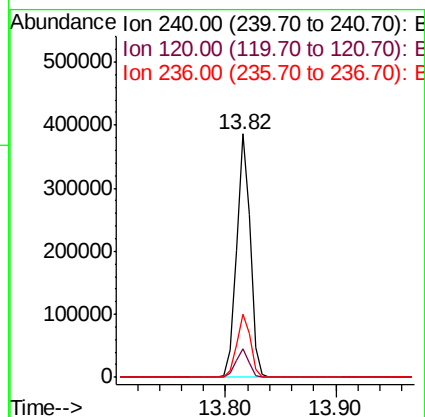
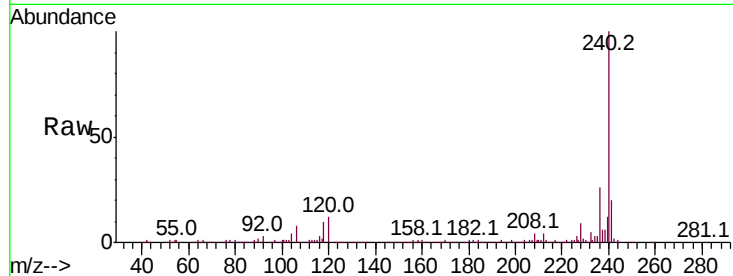
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120192.D
 Acq: 24 Apr 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	336165		
120	11.6	10.6	15.8	
236	26.0	20.2	30.2	

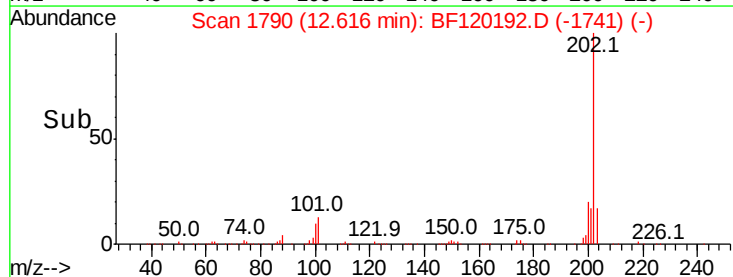
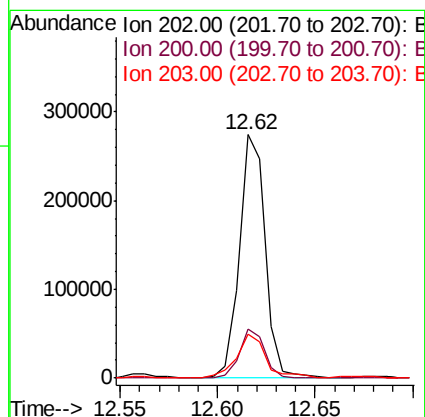
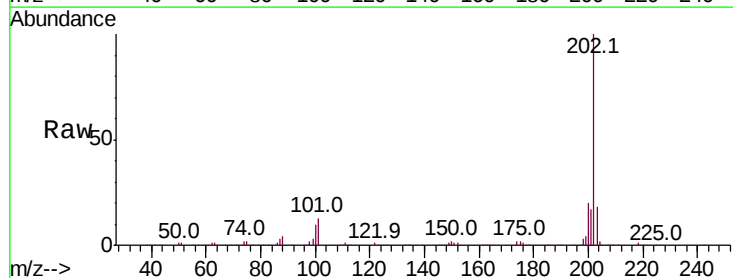
Manual Integrations
 APPROVED

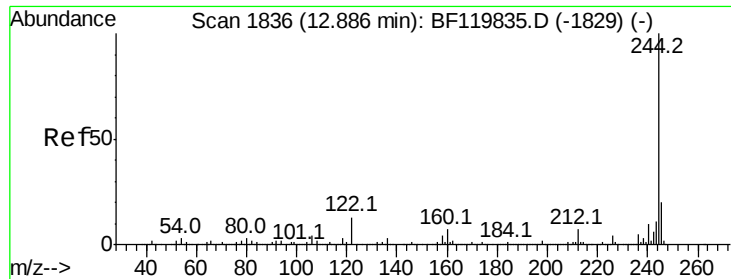
mohammad
 4/27/2020 3:04:07 PM



#78
 Pyrene
 Concen: 8.787 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF120192.D
 Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	249013		
200	20.2	16.8	25.2	
203	18.1	15.1	22.7	





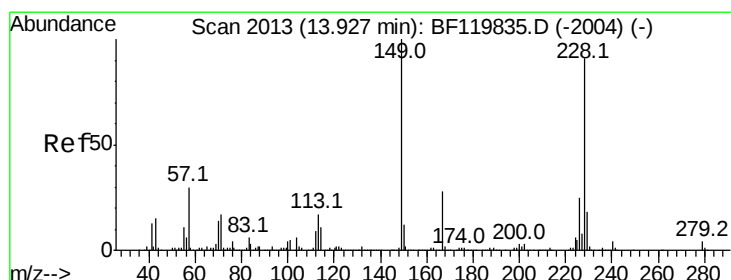
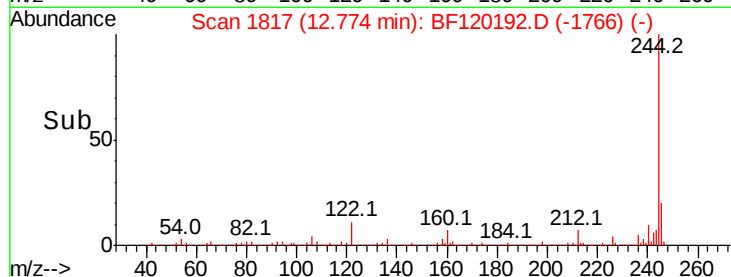
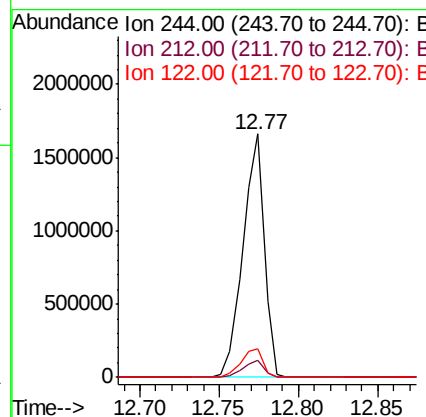
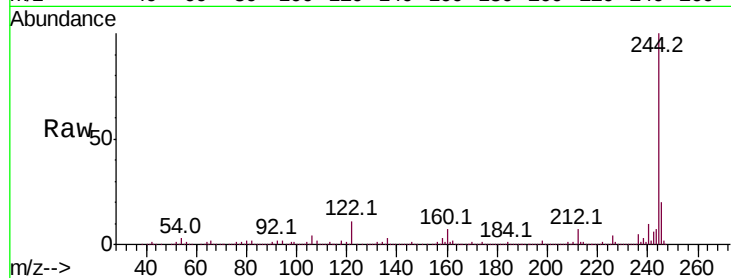
#79
 Terphenyl-d14
 Concen: 77.236 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120192.D
 Acq: 24 Apr 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion:244 Resp: 1543039
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.5 10.3 15.5

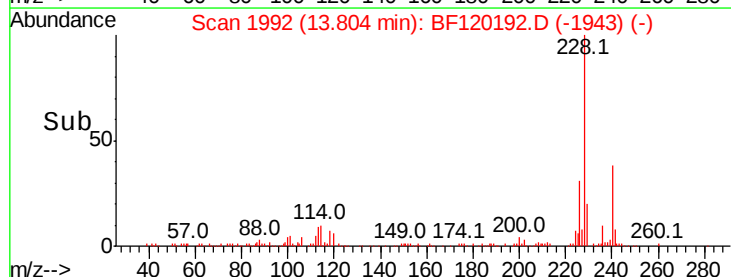
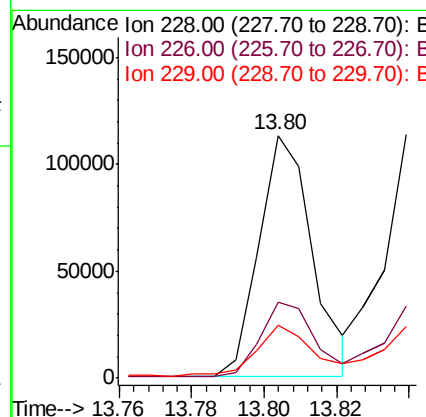
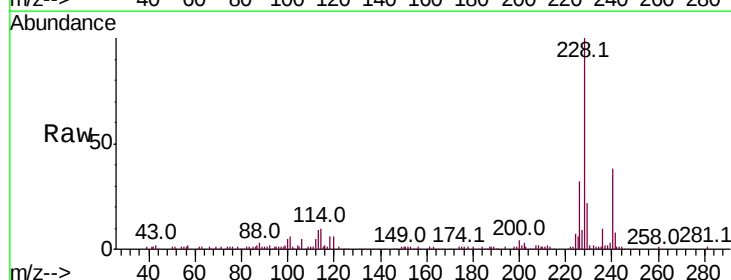
Manual Integrations
 APPROVED

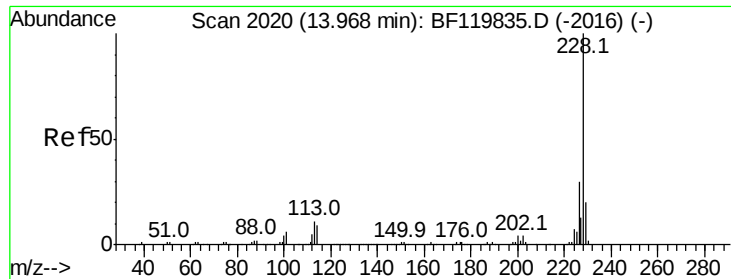
mohammad
 4/27/2020 3:04:07 PM



#81
 Benzo(a)anthracene
 Concen: 5.253 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF120192.D
 Acq: 24 Apr 2020 10:39

Tgt Ion:228 Resp: 116167
 Ion Ratio Lower Upper
 228 100
 226 31.5 21.8 32.8
 229 21.9 16.2 24.4





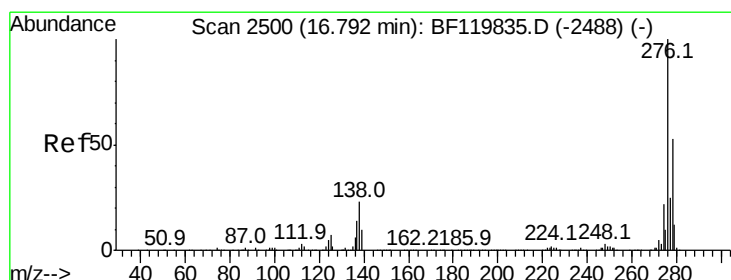
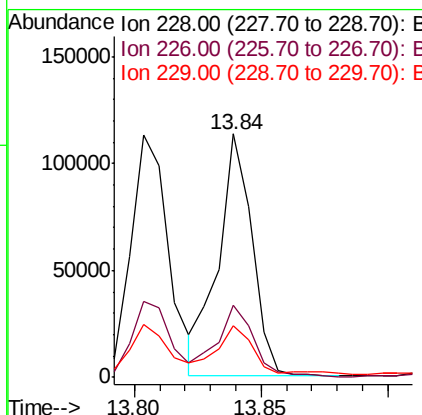
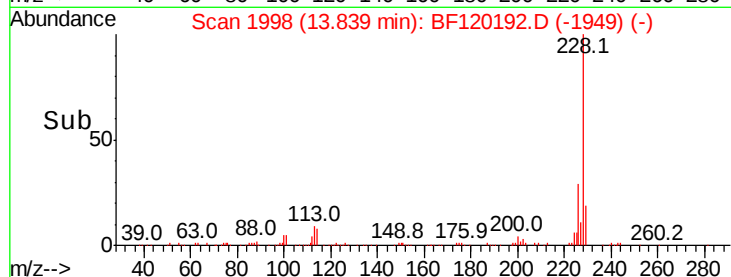
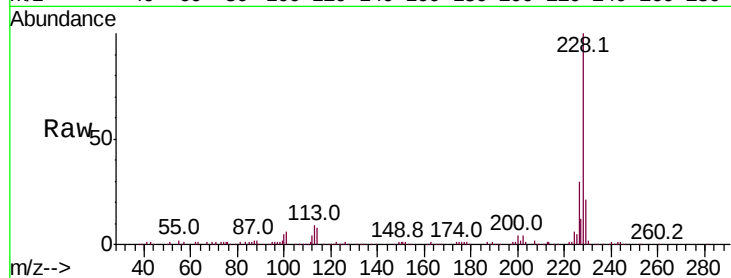
#83
Chrysene
Concen: 4.728 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.2	16.6	24.8

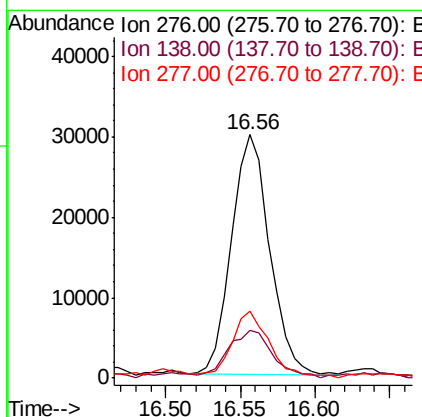
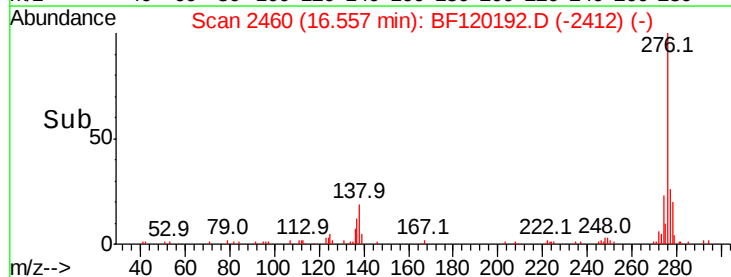
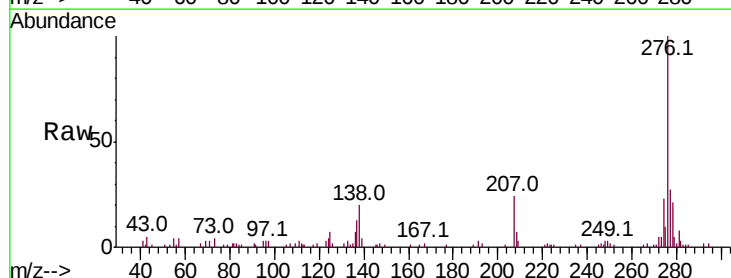
Manual Integrations
APPROVED

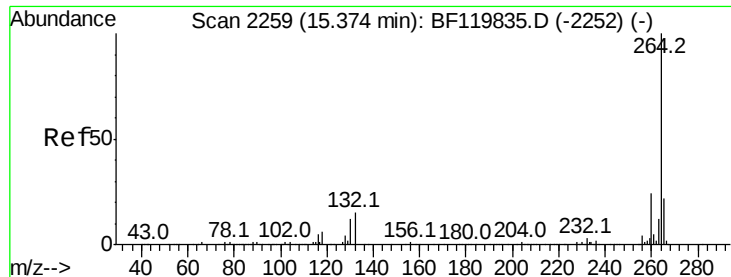
mohammad
4/27/2020 3:04:07 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.692 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.6	29.4
277	27.9	20.0	30.0





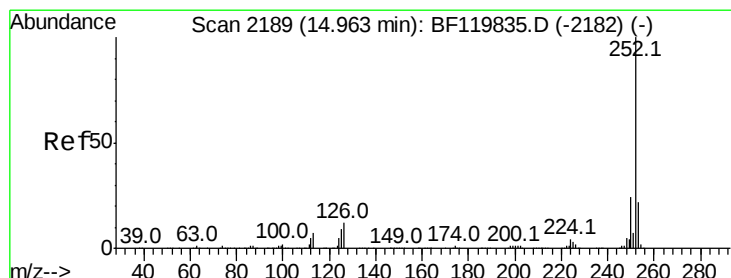
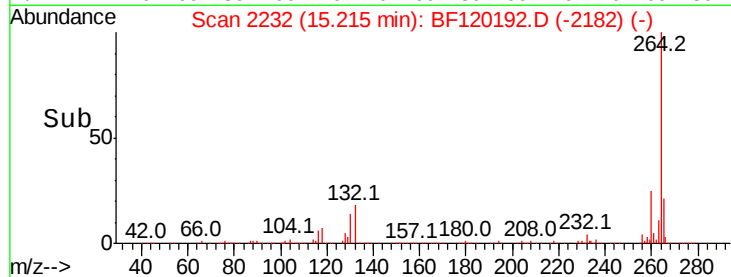
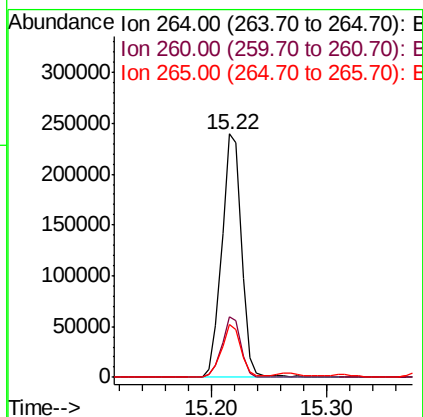
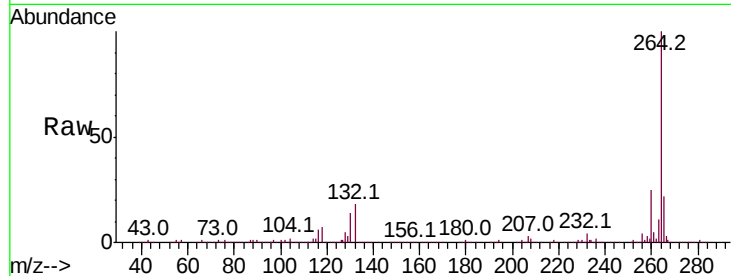
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.6	17.7	26.5

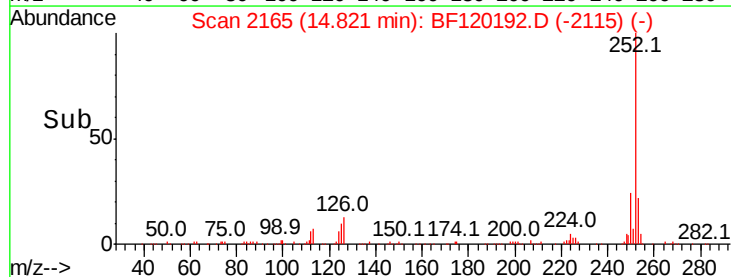
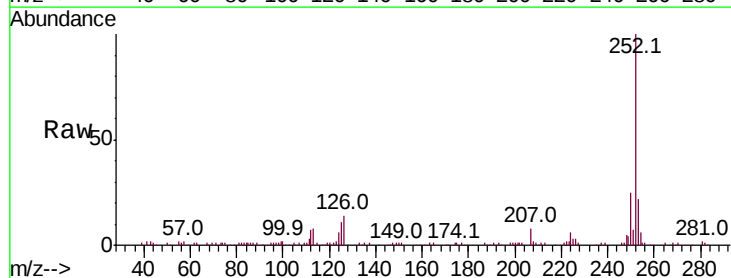
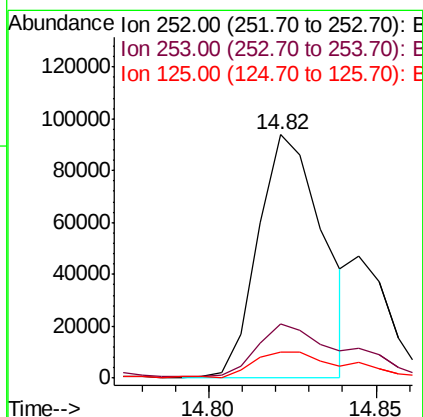
Manual Integrations
APPROVED

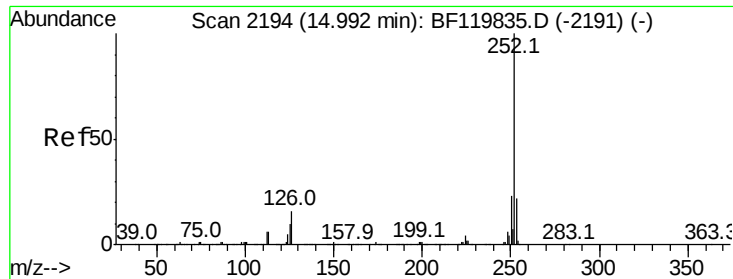
mohammad
4/27/2020 3:04:07 PM



#88
Benzo(b)fluoranthene
Concen: 6.201 ng m
RT: 14.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.9	7.9	11.9





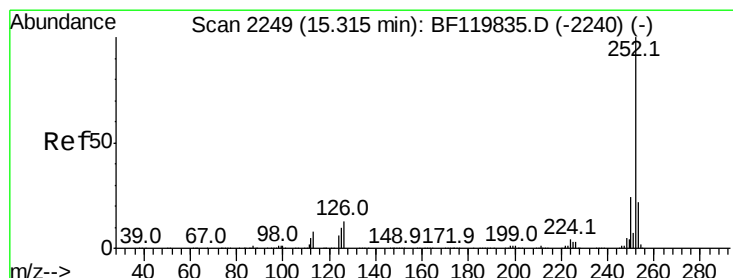
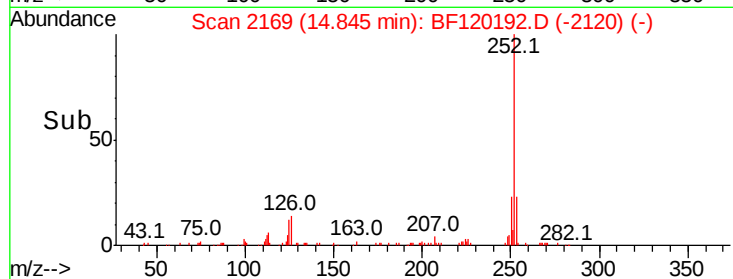
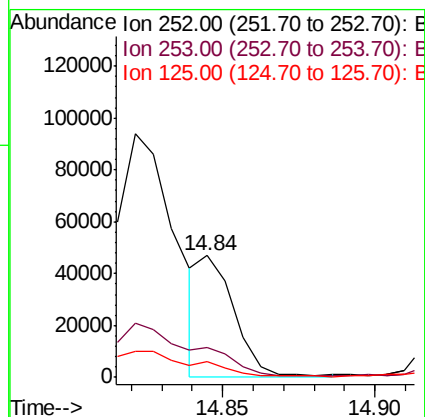
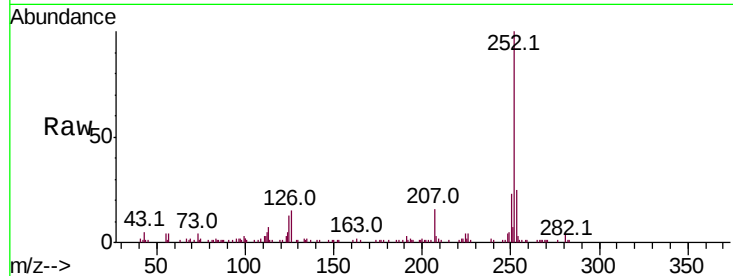
#89
Benzo(k)fluoranthene
Concen: 2.157 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion:	252	Resp:	38005
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.6
125	12.6	8.4	12.6

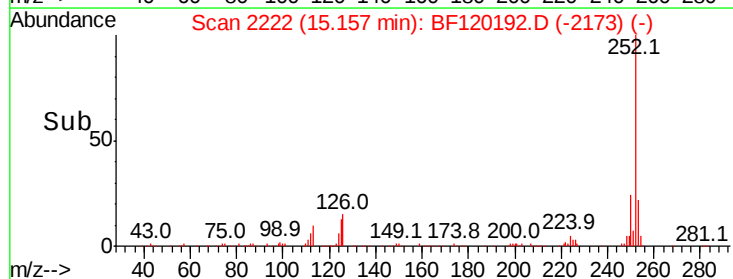
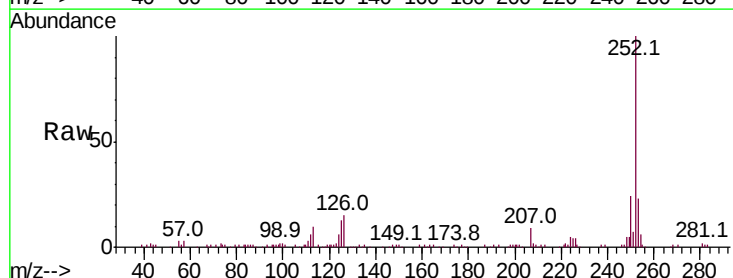
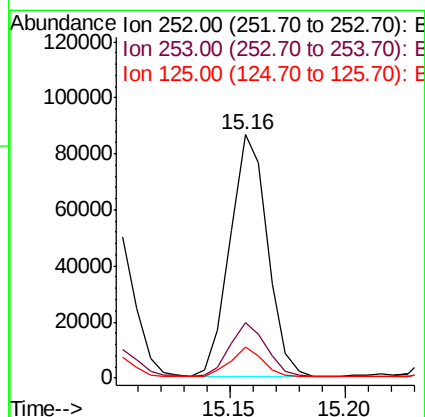
Manual Integrations
APPROVED

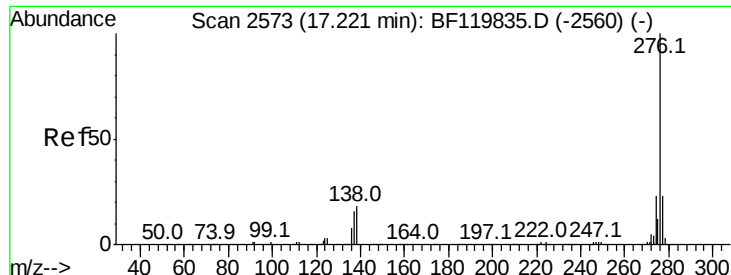
mohammad
4/27/2020 3:04:07 PM



#90
Benzo(a)pyrene
Concen: 5.721 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF120192.D
Acq: 24 Apr 2020 10:39

Tgt Ion:	252	Resp:	98214
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	12.8	9.4	14.2





#92

Benzo(a,h,i)perylene

Concen: 3.208 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF120192.D

Acq: 24 Apr 2020 10:39

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.4	27.6
138	24.2	15.4	23.0

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:07 PM

