

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096878.D
 Acq On : 19 Jul 2017 19:03
 Operator : SJ/JU
 Sample : I4243-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CF

Manual Integrations
 APPROVED

Sohil
 7/20/2017 3:04:27 PM

Quant Time: Jul 20 03:28:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	113738	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	505945	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	191205	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	304901	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	208353	20.00	ng	-0.01
86) Perylene-d12	15.09	264	175214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	387865	51.27	ng	-0.01
7) Phenol-d6	6.23	99	418321	46.08	ng	-0.02
23) Nitrobenzene-d5	7.15	82	243041	29.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	73742	45.18	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	438360	36.22	ng	-0.02
78) Terphenyl-d14	12.67	244	270178	22.49	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.34	163	122329	8.497	ng	Qvalue 100
70) Phenanthrene	11.12	178	42089	2.539	ng	98
74) Fluoranthene	12.30	202	79224	4.993	ng	97
77) Pyrene	12.52	202	72317	3.824	ng	100
80) Benzo(a)anthracene	13.71	228	36516	2.813	ng	99
82) Chrysene	13.74	228	41233	3.226	ng	96
85) Indeno(1,2,3-cd)pyrene	16.37	276	25853	5.429	ng	98
87) Benzo(b)fluoranthene	14.72	252	59784m	5.657	ng	
89) Benzo(a)pyrene	15.03	252	34923	3.603	ng	# 92
91) Benzo(g,h,i)perylene	16.75	276	35283	3.695	ng	97

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

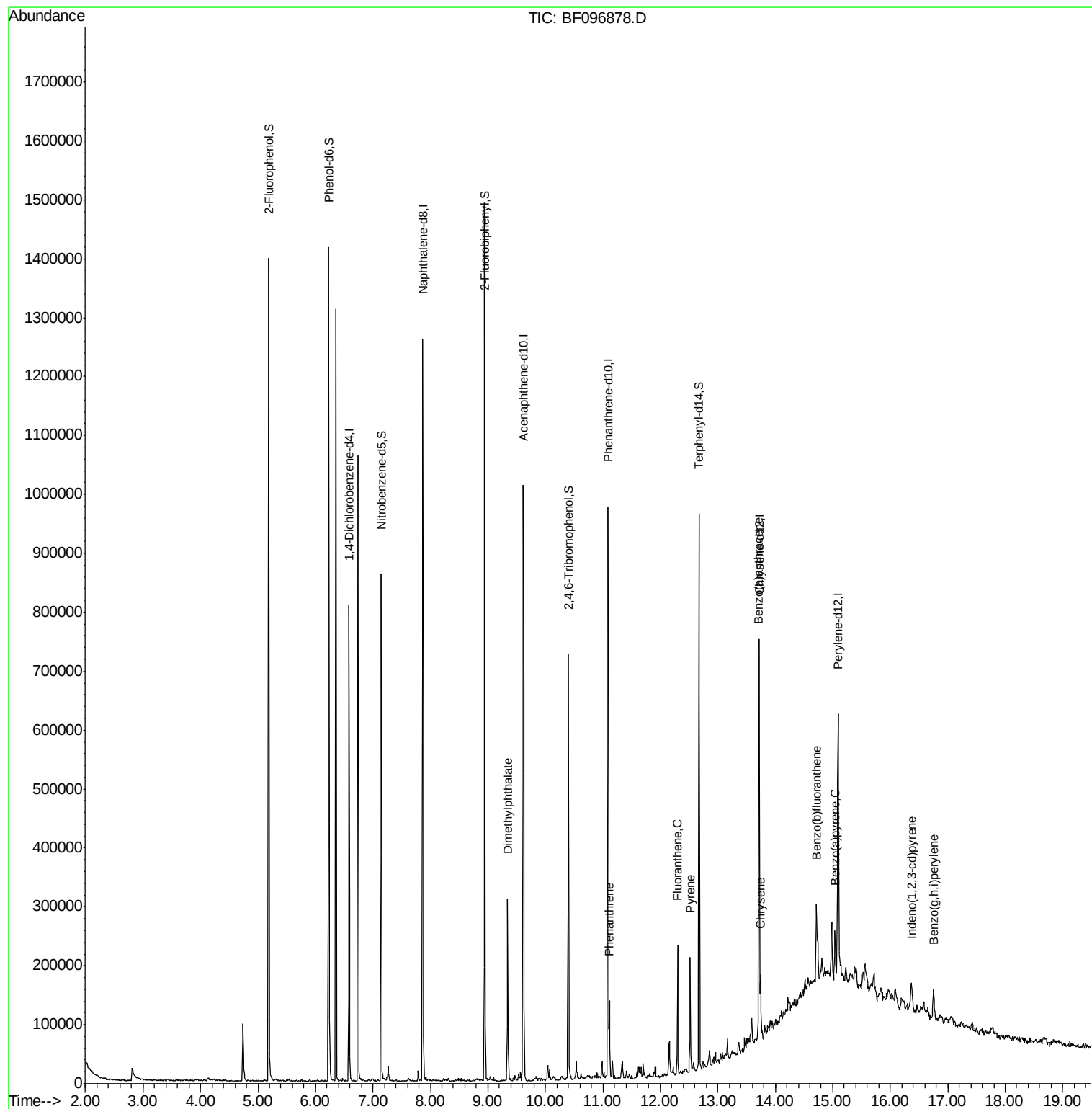
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096878.D
Acq On : 19 Jul 2017 19:03
Operator : SJ/JU
Sample : I4243-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

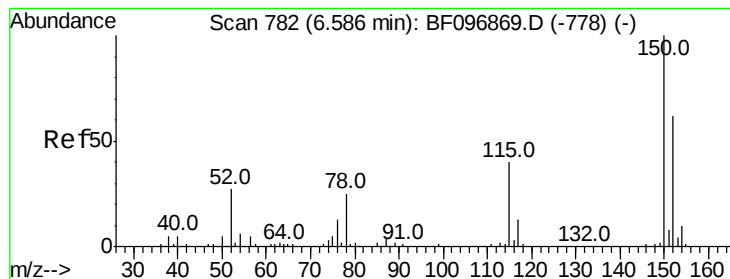
Instrument :
BNA_F
ClientSampleId :
TP-CF

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM

Quant Time: Jul 20 03:28:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration





#1

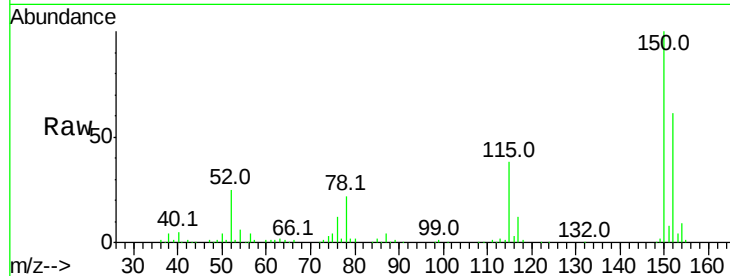
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Instrument :
BNA_F
ClientSampled :
TP-CF

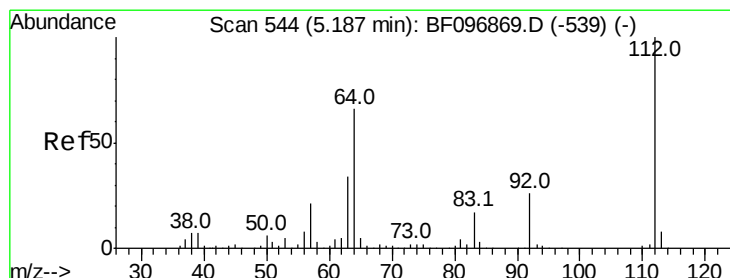
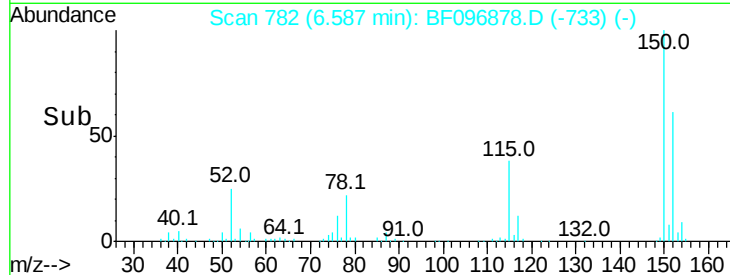
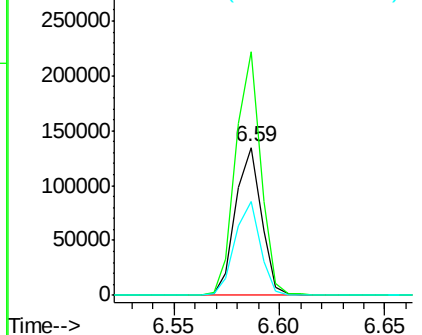
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.2	189.2
115	63.0	52.2	78.2

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM



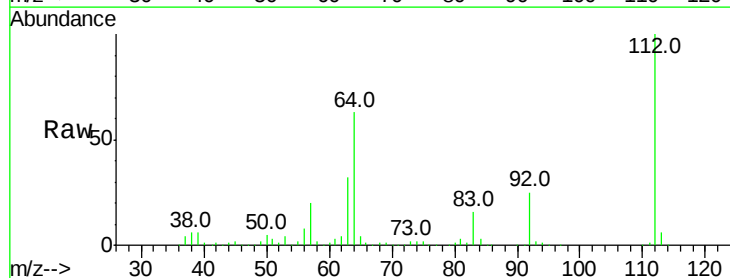
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



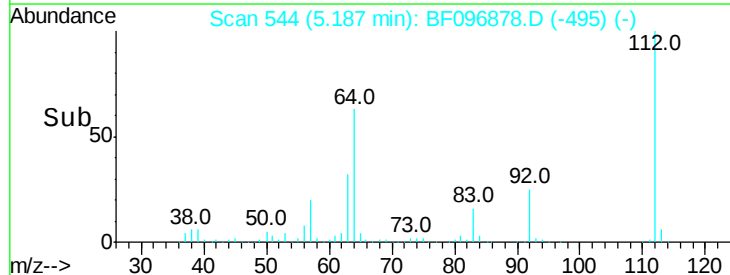
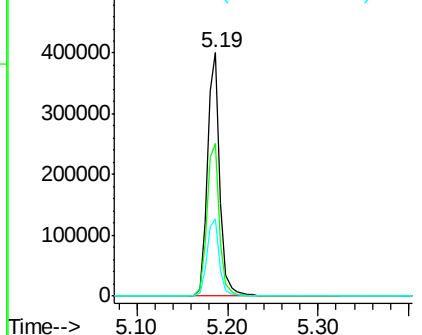
#5

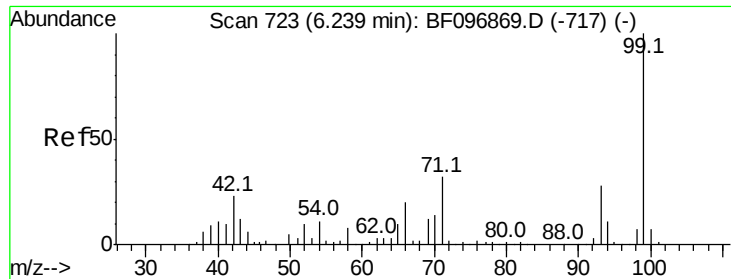
2-Fluorophenol
Concen: 51.275 ng
RT: 5.19 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.0	69.0
63	31.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.083 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Instrument :

BNA_F

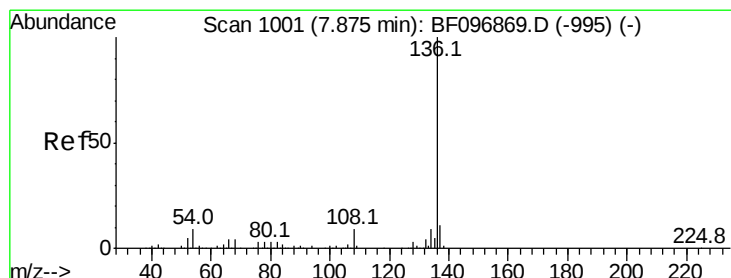
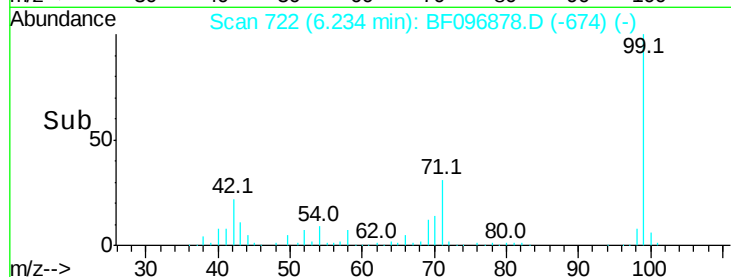
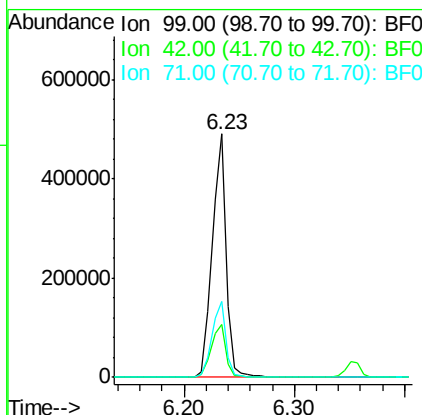
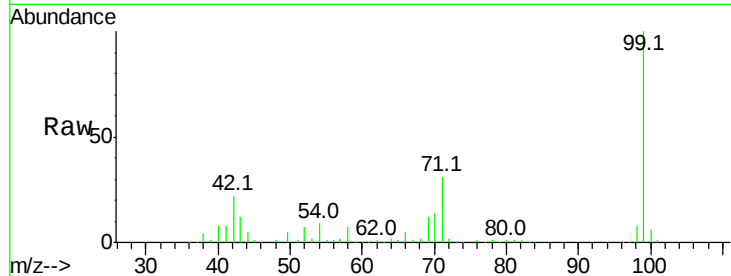
ClientSampleId :

TP-CF

Tot Ion:	99	Resp:	418321
Ion Ratio	Lower	Upper	
99	100		
42	21.9	13.5	20.3#
71	31.4	24.5	36.7

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM



#21

Naphthalene-d8

Concen: 20.000 ng

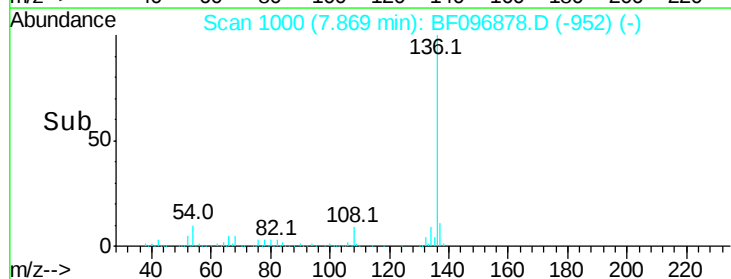
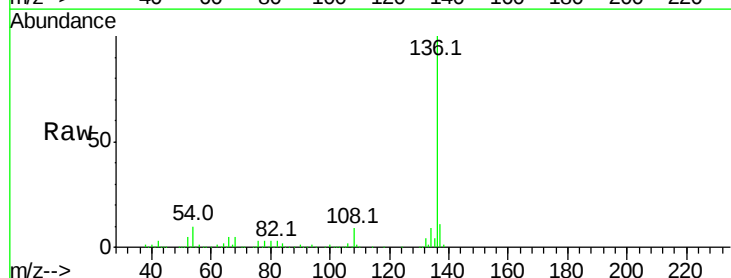
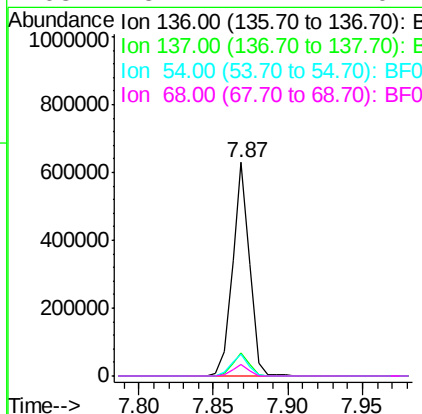
RT: 7.87 min Scan# 1000

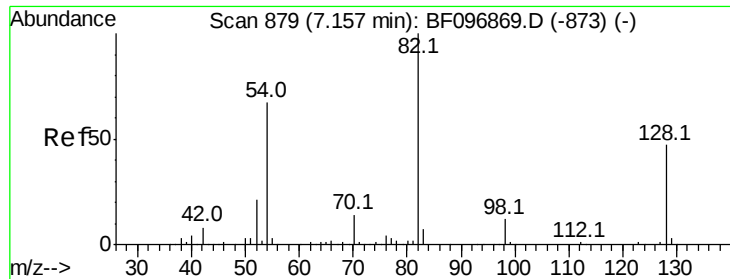
Delta R.T. -0.02 min

Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Tgt Ion:	136	Resp:	505945
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	10.1	4.9	7.3#
68	5.4	4.1	6.1





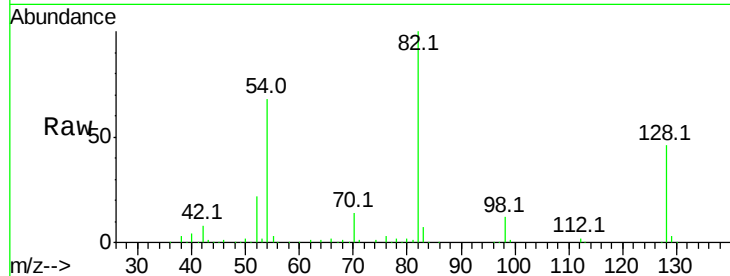
#23
Nitrobenzene-d5
Concen: 29.755 ng
RT: 7.15 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Instrument :
BNA_F
ClientSampled :
TP-CF

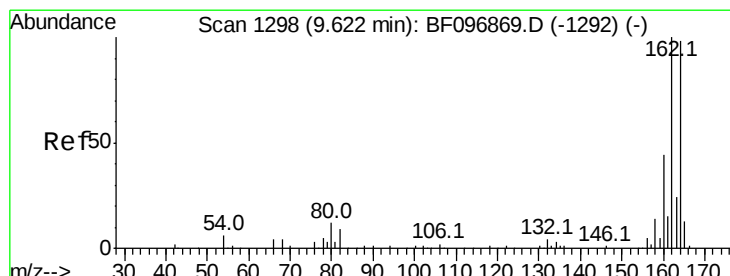
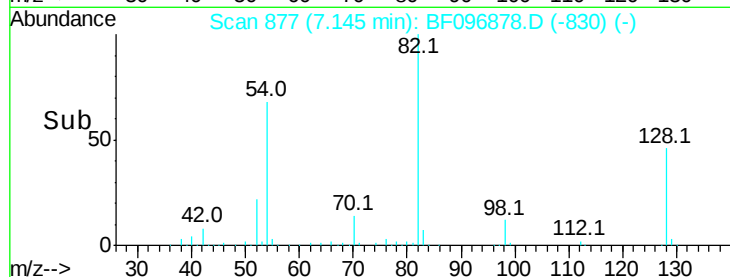
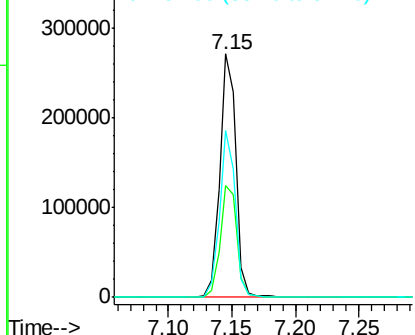
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	68.3	42.2	63.2

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM



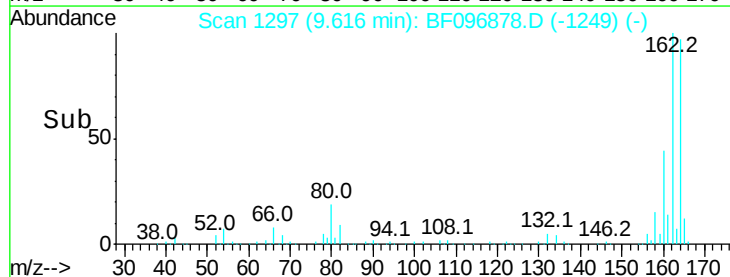
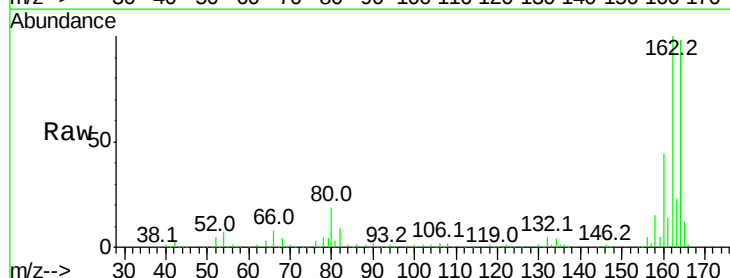
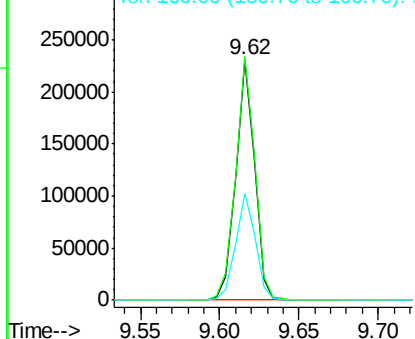
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

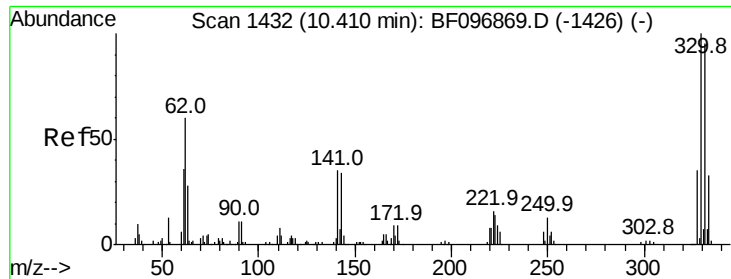


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.6	36.2	54.2

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





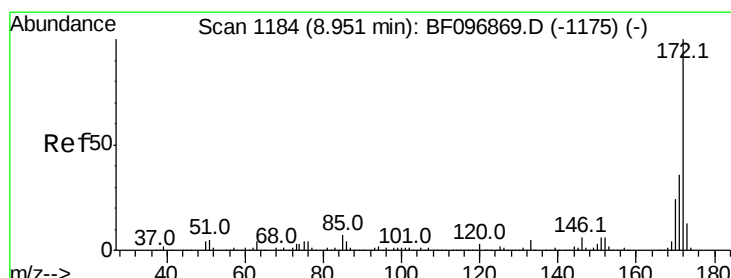
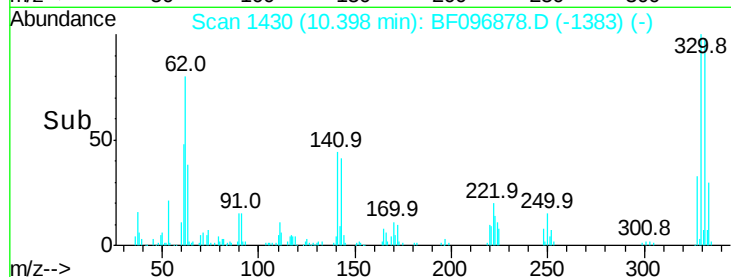
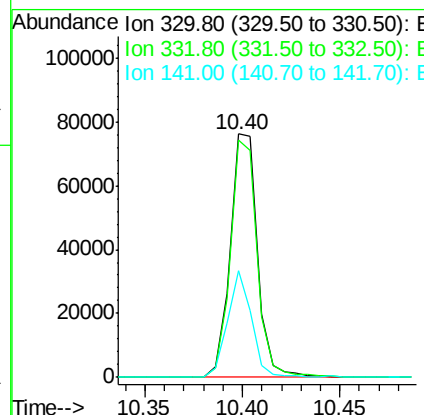
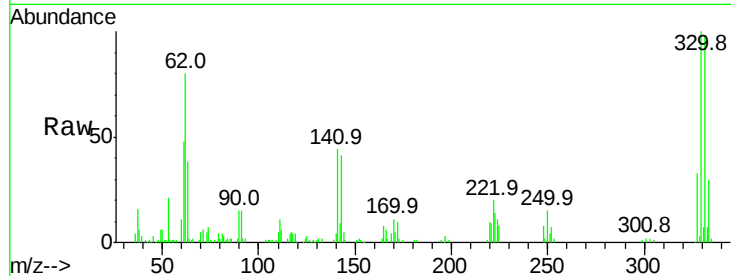
#41
 2,4,6-Tribromophenol
 Concen: 45.182 ng
 RT: 10.40 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096878.D
 Acq: 19 Jul 2017 19:03

Instrument :
 BNA_F
 ClientSampled :
 TP-CF

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.7	31.4	47.2

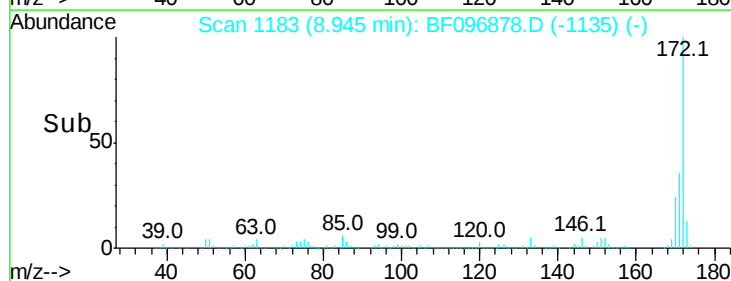
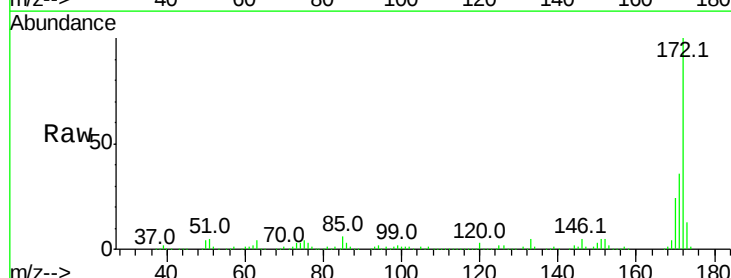
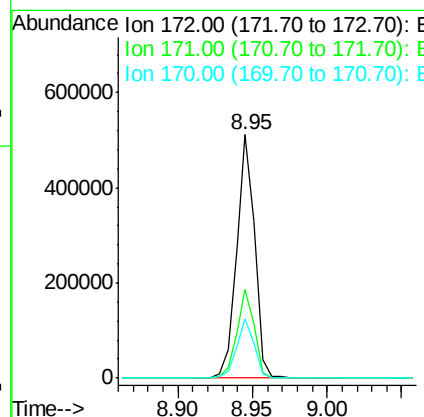
Manual Integrations
 APPROVED

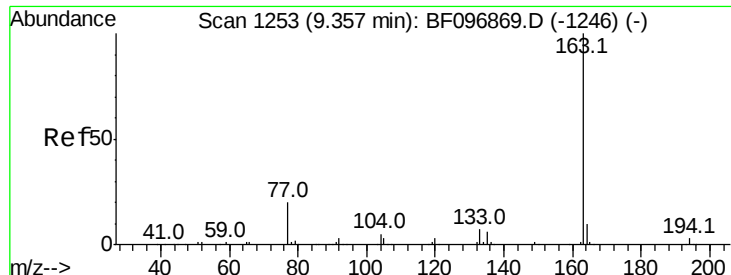
Sohil
 7/20/2017 3:04:27 PM



#44
 2-Fluorobiphenyl
 Concen: 36.222 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096878.D
 Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8





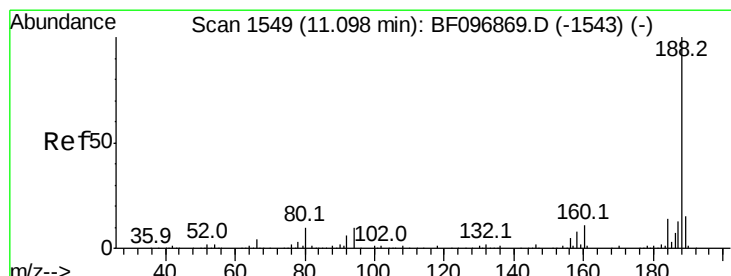
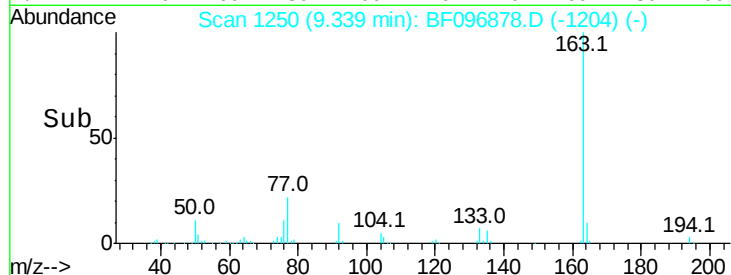
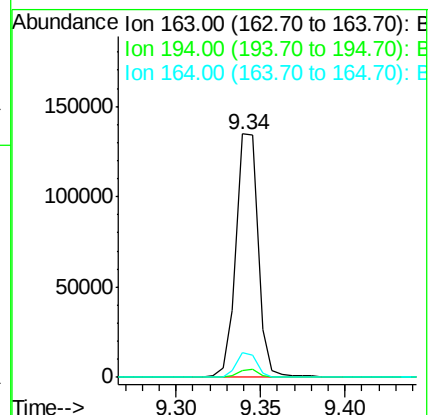
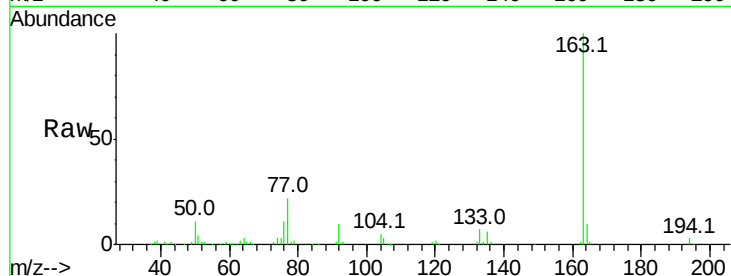
#49
Dimethylphthalate
Concen: 8.497 ng
RT: 9.34 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP-CF

Tot Ion	Ratio	Resp	Lower	Upper
163	100	122329		
194	3.0		2.6	4.0
164	10.4		8.4	12.6

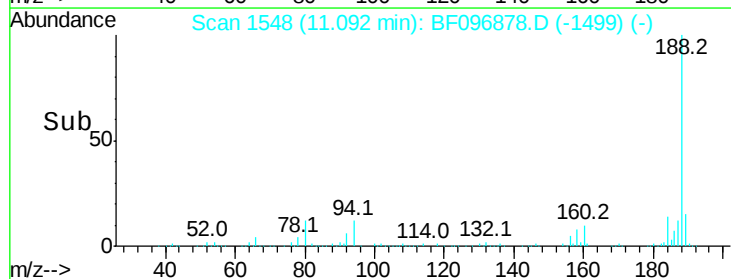
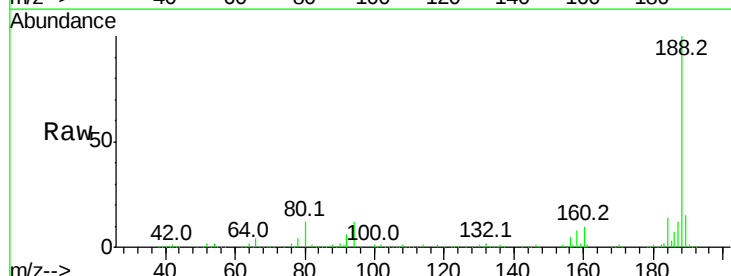
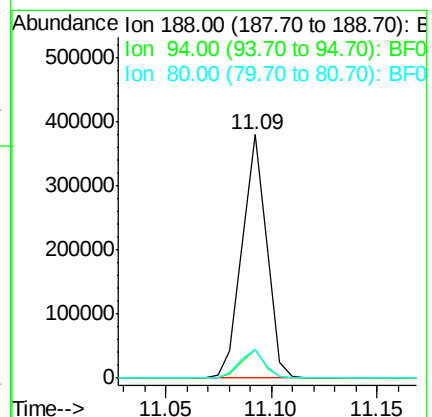
Manual Integrations
APPROVED

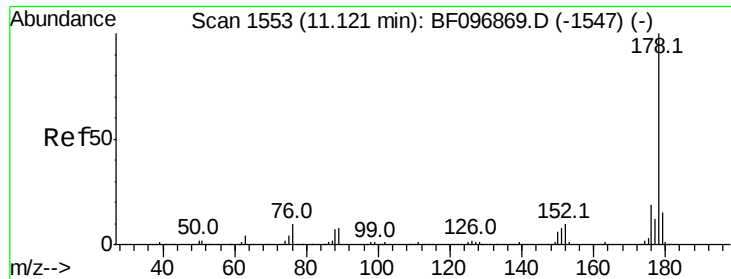
Sohil
7/20/2017 3:04:27 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	304901		
94	11.6		9.4	14.2
80	11.6		10.2	15.2





#70

Phenanthrene

Concen: 2.539 ng

RT: 11.12 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Instrument :

BNA_F

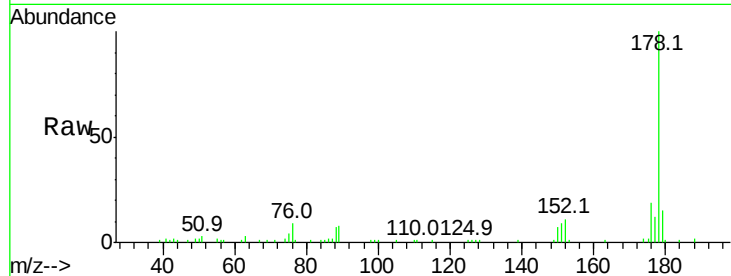
ClientSampled :

TP-CF

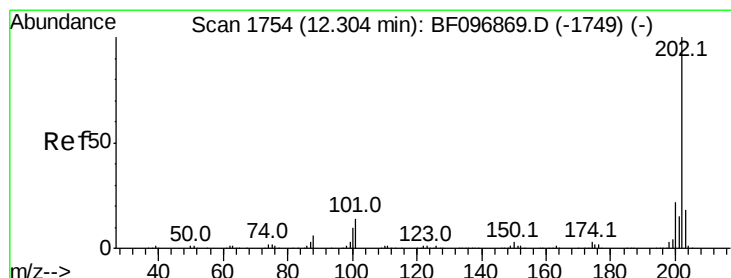
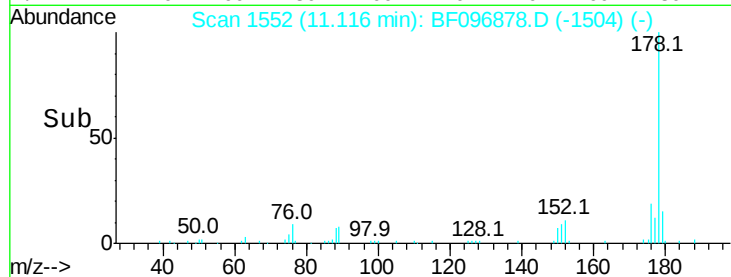
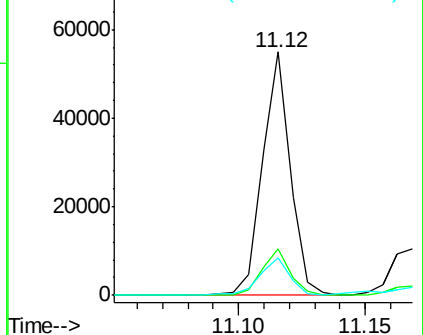
Tot Ion:	178	Resp:	42089
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.2	24.4
179	15.3	12.6	19.0

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.993 ng

RT: 12.30 min Scan# 1753

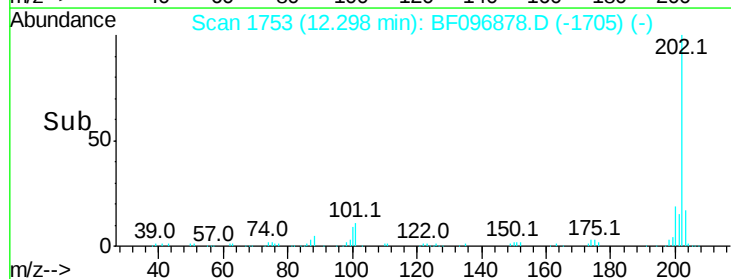
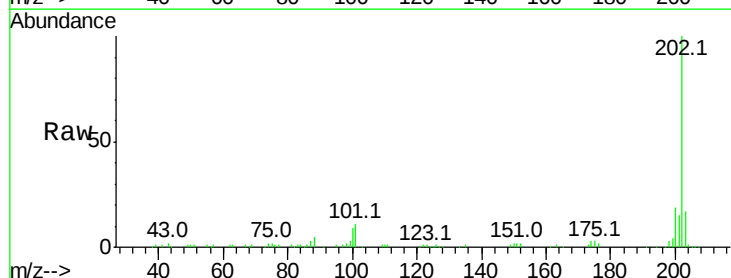
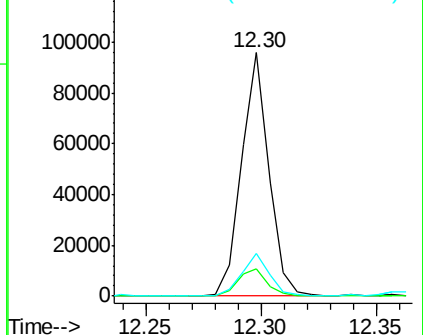
Delta R.T. -0.02 min

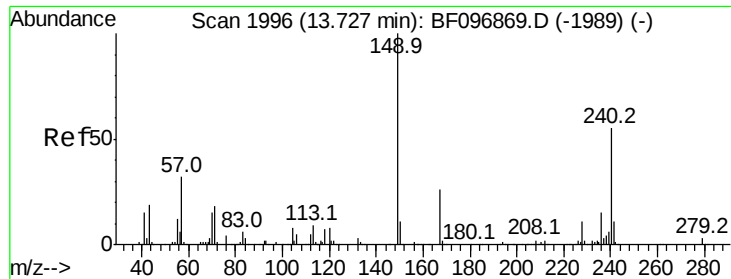
Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Tgt Ion:	202	Resp:	79224
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	33.2
203	17.3	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

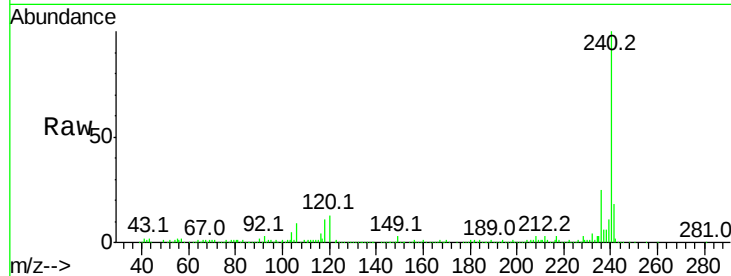
TP-CF

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	25.4	20.5	30.7

Manual Integrations
APPROVED

Sohil

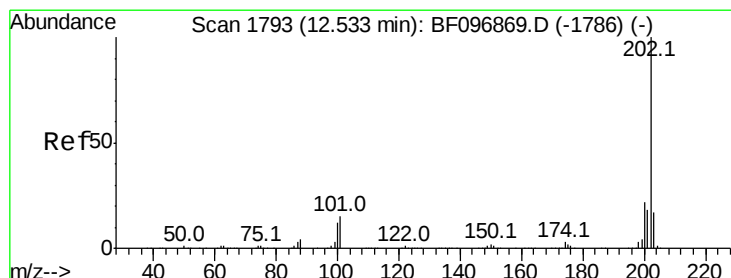
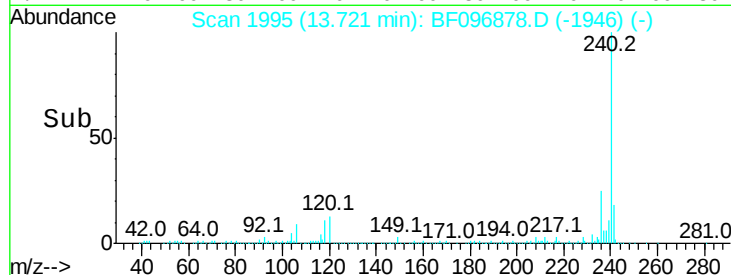
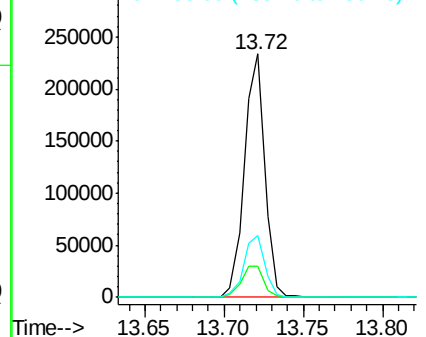
7/20/2017 3:04:27 PM



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



#77

Pyrene

Concen: 3.824 ng

RT: 12.52 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF096878.D

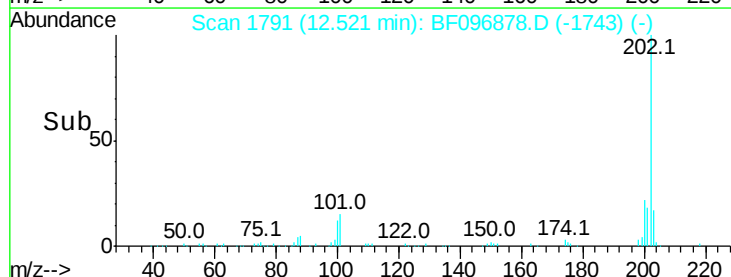
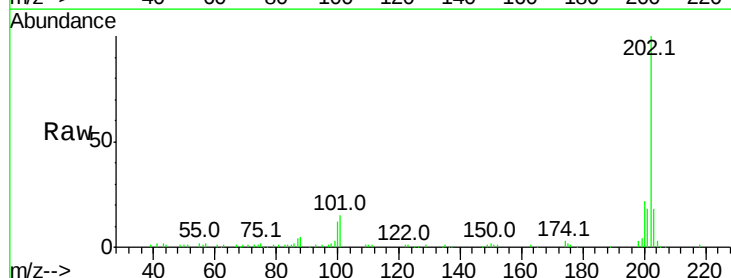
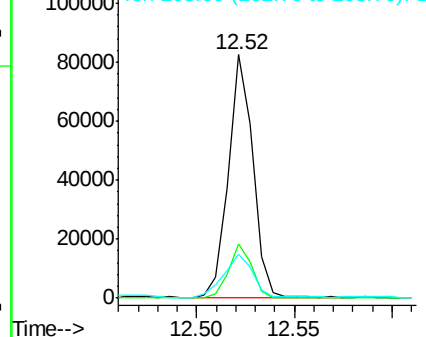
Acq: 19 Jul 2017 19:03

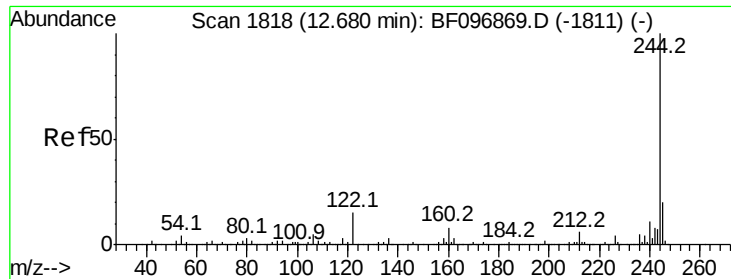
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.0	14.4	21.6

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





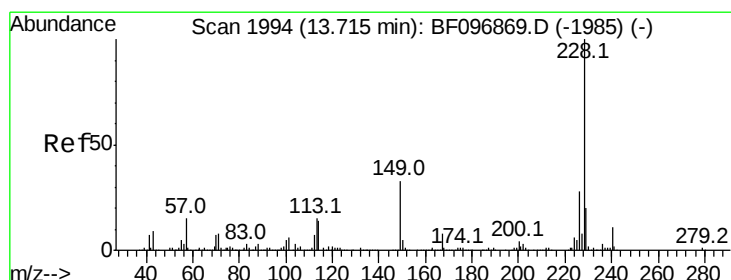
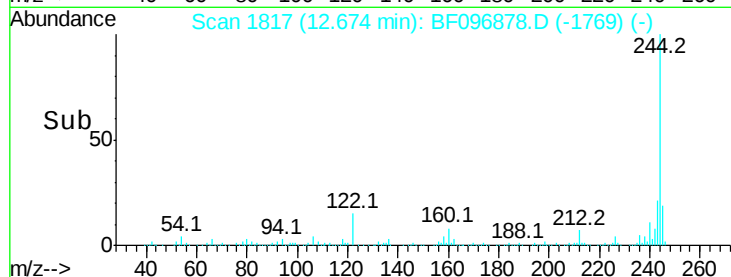
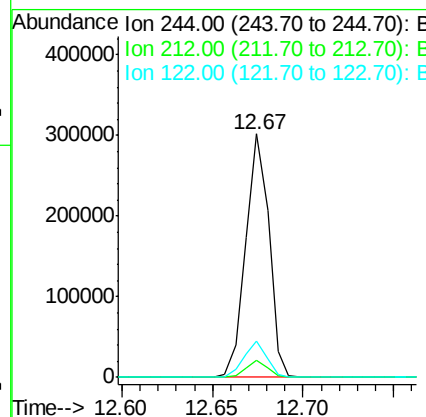
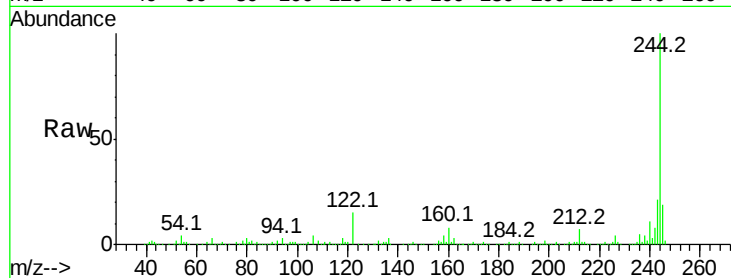
#78
 Terphenyl-d14
 Concen: 22.489 ng
 RT: 12.67 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF096878.D
 Acq: 19 Jul 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-CF

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5

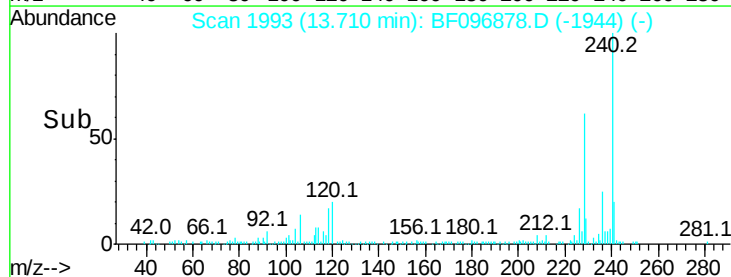
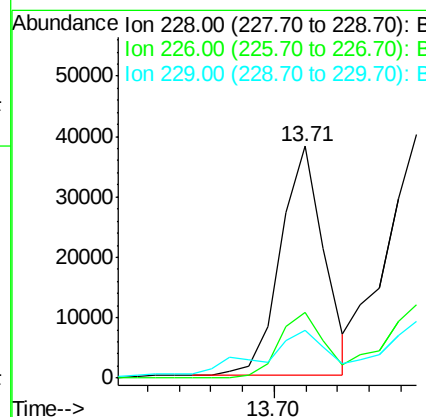
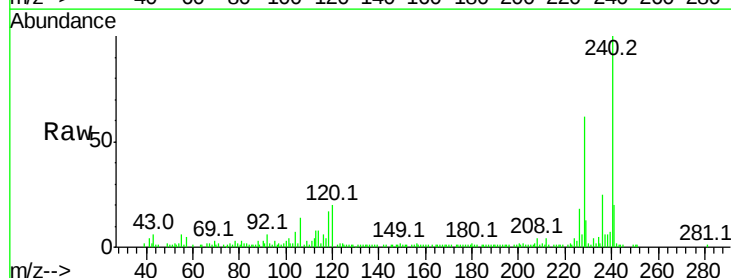
Manual Integrations
 APPROVED

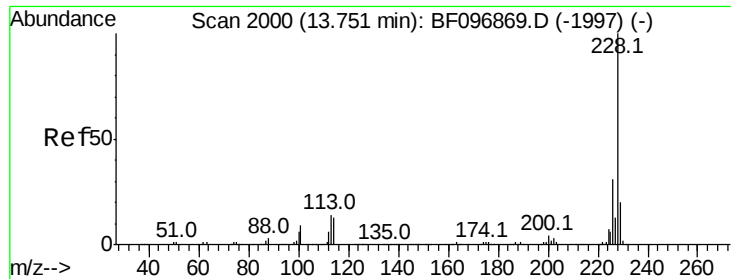
Sohil
 7/20/2017 3:04:27 PM



#80
 Benzo(a)anthracene
 Concen: 2.813 ng
 RT: 13.71 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF096878.D
 Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.8	16.3	24.5





#82

Chrysene

Concen: 3.226 ng

RT: 13.74 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Instrument :

BNA_F

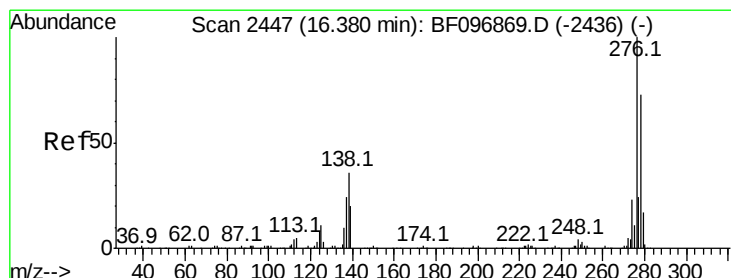
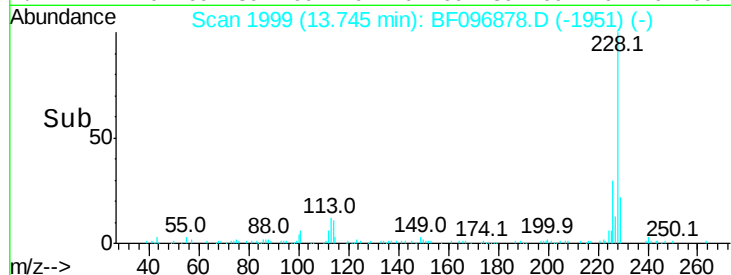
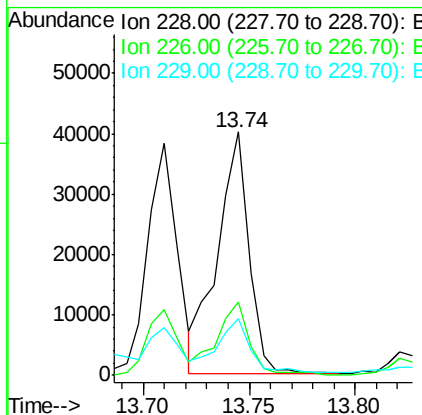
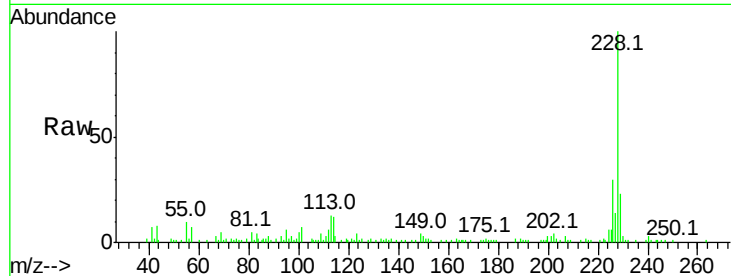
ClientSampled :

TP-CF

Tot Ion:	228	Resp:	41233
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	23.1	15.8	23.6

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.429 ng

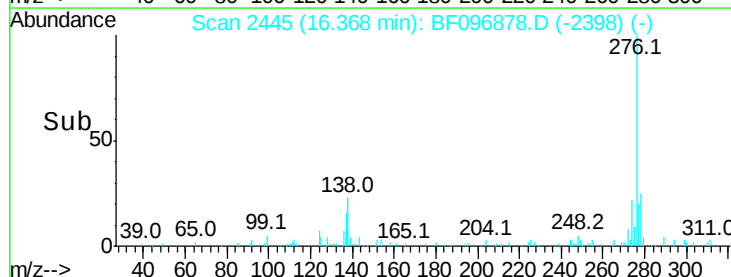
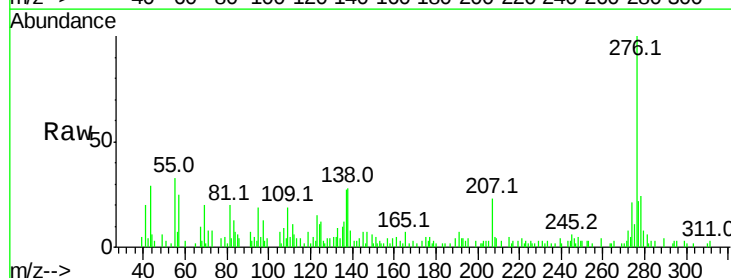
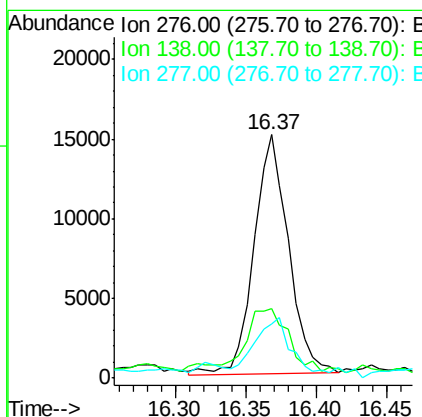
RT: 16.37 min Scan# 2445

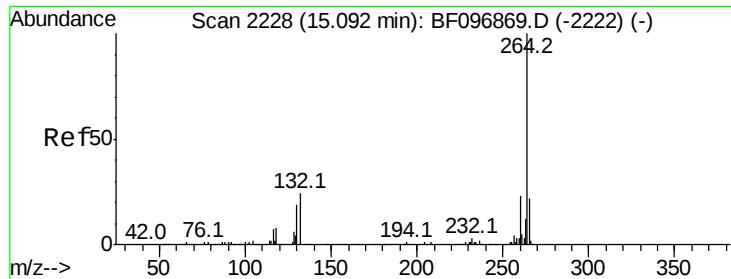
Delta R.T. -0.02 min

Lab File: BF096878.D

Acq: 19 Jul 2017 19:03

Tgt Ion:	276	Resp:	25853
Ion Ratio	Lower	Upper	
276	100		
138	34.5	27.8	41.6
277	28.0	20.2	30.4





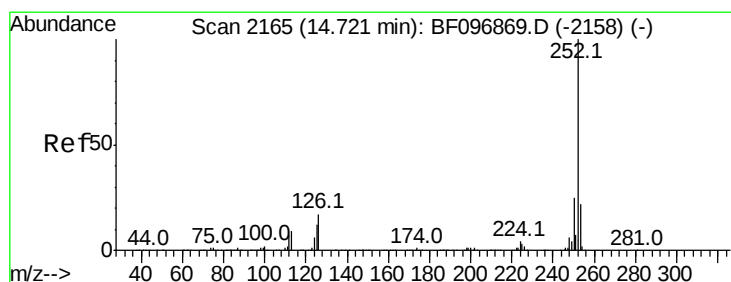
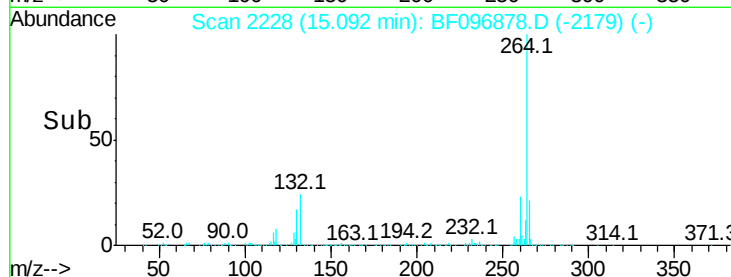
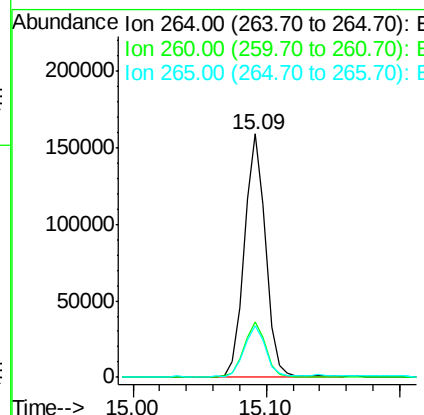
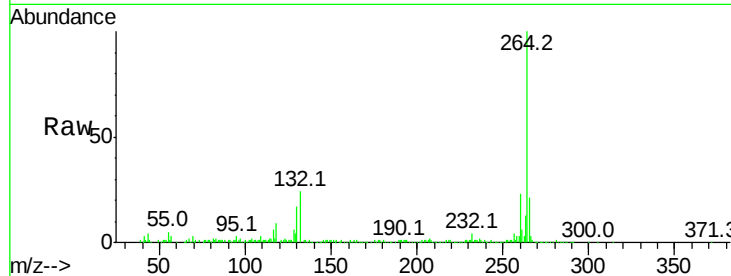
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP-CF

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.4	17.2	25.8

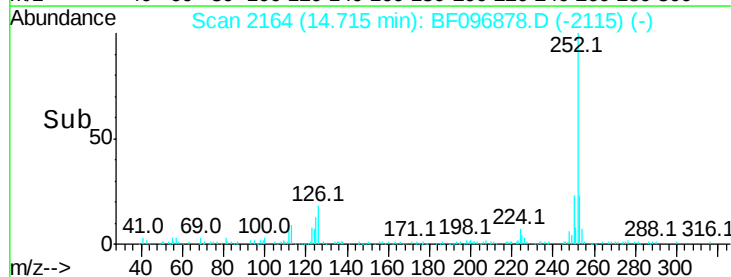
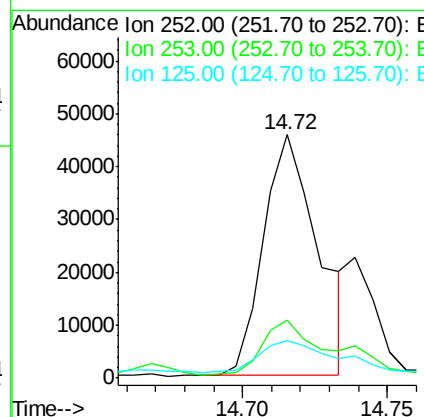
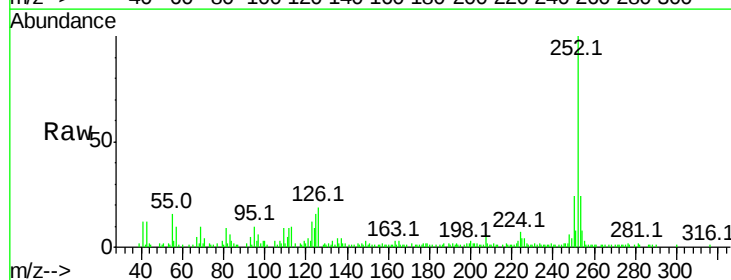
Manual Integrations
APPROVED

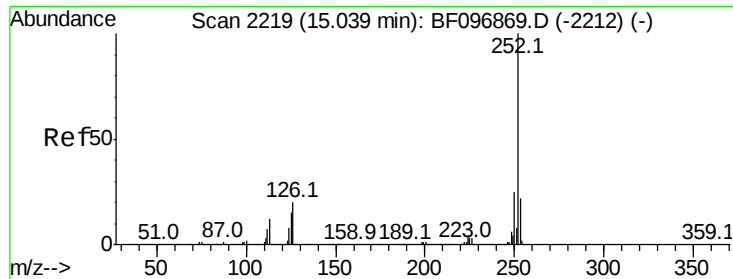
Sohil
7/20/2017 3:04:27 PM



#87
Benzo(b)fluoranthene
Concen: 5.657 ng m
RT: 14.72 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.5	9.8	14.8#





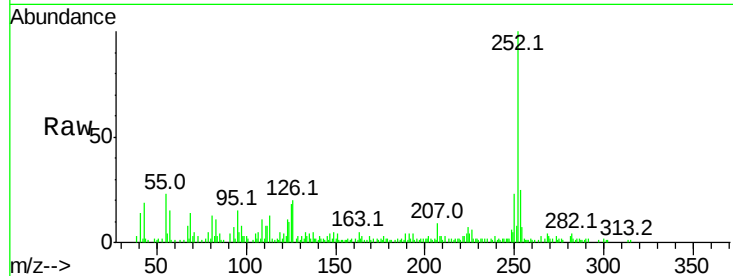
#89
Benzo(a)pyrene
Concen: 3.603 ng
RT: 15.03 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Instrument :
BNA_F
ClientSampleId :
TP-CF

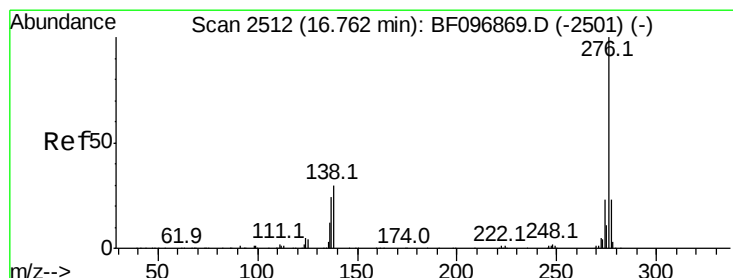
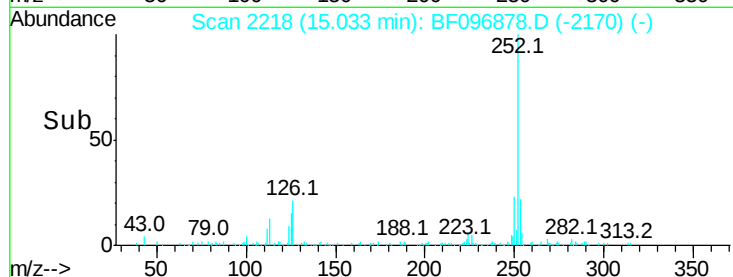
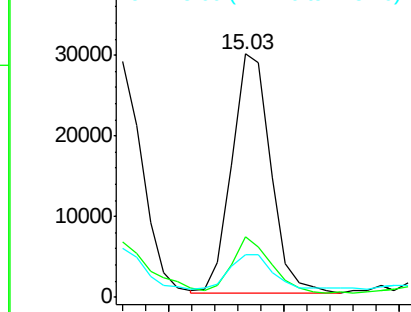
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	17.6	11.0	16.4

Manual Integrations
APPROVED

Sohil
7/20/2017 3:04:27 PM

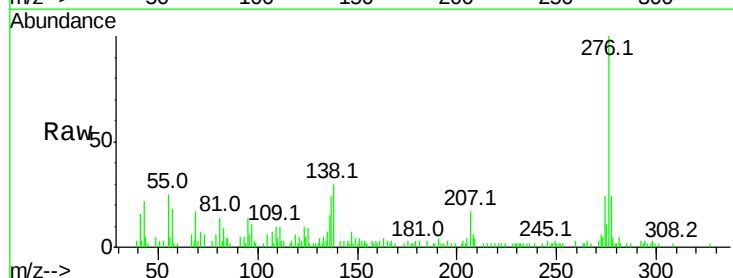


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 3.695 ng
RT: 16.75 min Scan# 2510
Delta R.T. -0.03 min
Lab File: BF096878.D
Acq: 19 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	30.1	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

