

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088342.D
 Acq On : 24 Jun 2016 20:20
 Operator : UM/SJ
 Sample : H3599-05 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1407(0-4)

Manual Integrations
 APPROVED

sohil
 6/27/2016 8:13:22 PM

Quant Time: Jun 25 04:34:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 25 04:10:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	79105	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	320234	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	143092	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	240375	20.00	ng	0.00
75) Chrysene-d12	13.71	240	181674	20.00	ng	-0.01
86) Perylene-d12	15.07	264	174865	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	46846	10.12	ng	0.02
7) Phenol-d6	6.26	99	69686	12.43	ng	0.00
23) Nitrobenzene-d5	7.16	82	38604	7.04	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	13017	8.62	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	89801	4.62	ng	-0.01
78) Terphenyl-d14	12.67	244	53836	6.74	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.12	178	61918	4.91	ng	97
74) Fluoranthene	12.30	202	130595	9.81	ng	97
77) Pyrene	12.53	202	106817	7.92	ng	97
80) Benzo(a)anthracene	13.70	228	57769	5.58	ng	97
82) Chrysene	13.75	228	53527	5.50	ng	97
85) Indeno(1,2,3-cd)pyrene	16.33	276	29700	3.28	ng	# 100
87) Benzo(b)fluoranthene	14.71	252	73634m	6.04	ng	
88) Benzo(k)fluoranthene	14.72	252	34789m	3.78	ng	
89) Benzo(a)pyrene	15.03	252	45257m	4.59	ng	
91) Benzo(g,h,i)perylene	16.70	276	25727	2.73	ng	96

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

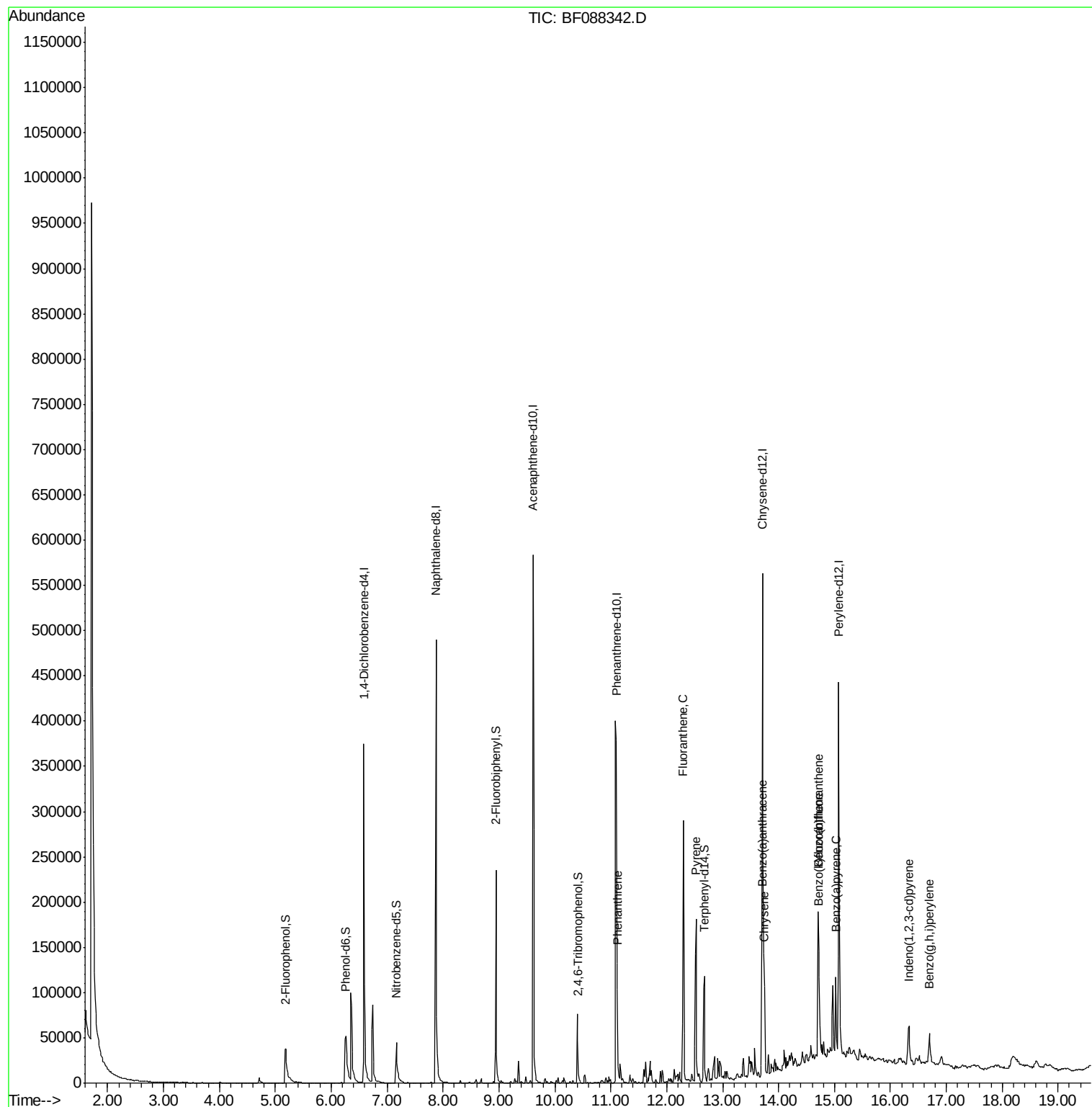
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088342.D
Acq On : 24 Jun 2016 20:20
Operator : UM/SJ
Sample : H3599-05 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

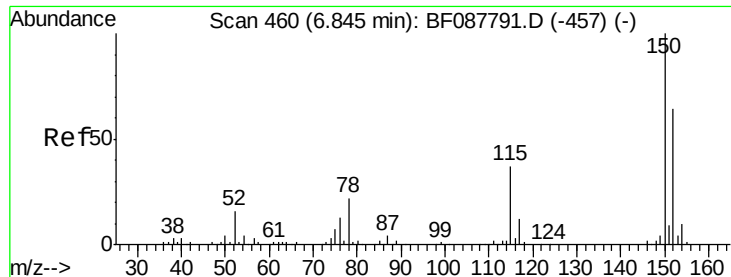
Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Manual Integrations
APPROVED

sohil
6/27/2016 8:13:22 PM

Quant Time: Jun 25 04:34:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 25 04:10:42 2016
Response via : Initial Calibration

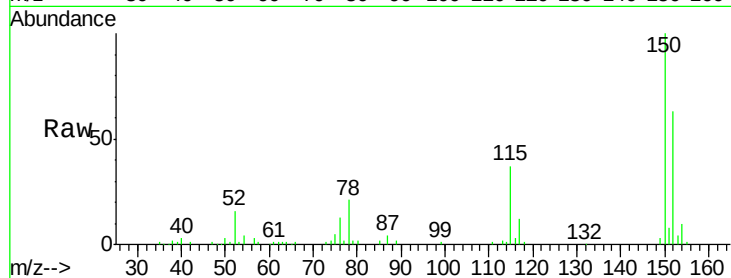




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

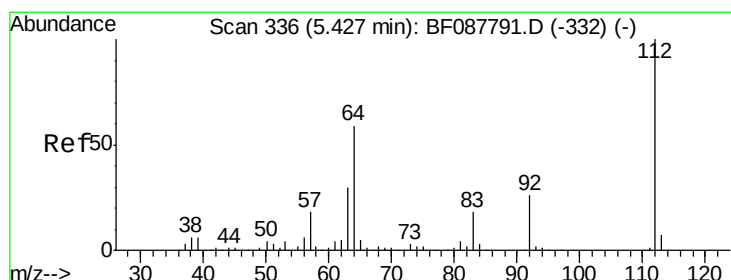
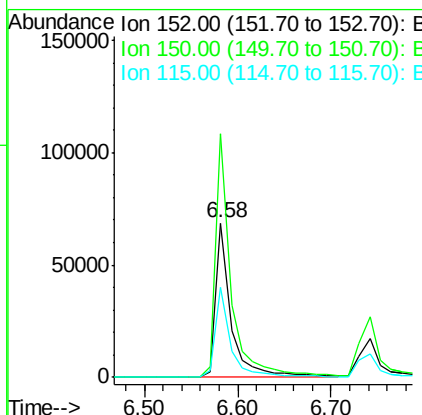
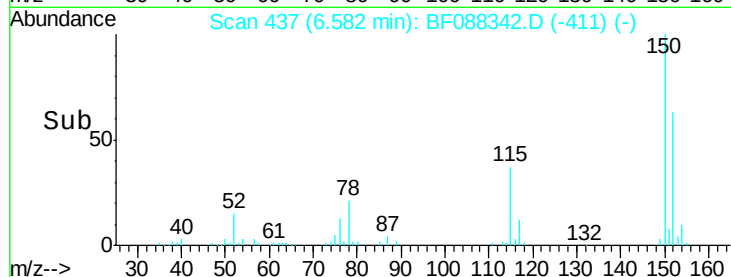
Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	58.4	39.6	59.4

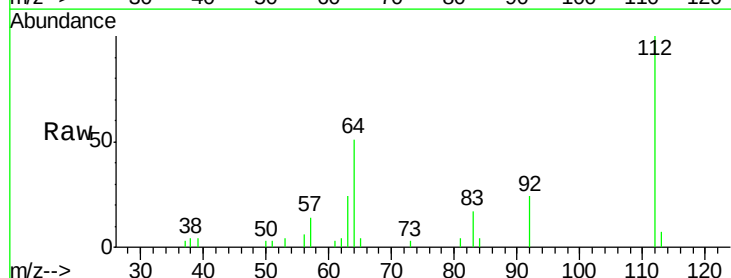
Manual Integrations
APPROVED

sohil
6/27/2016 8:13:22 PM

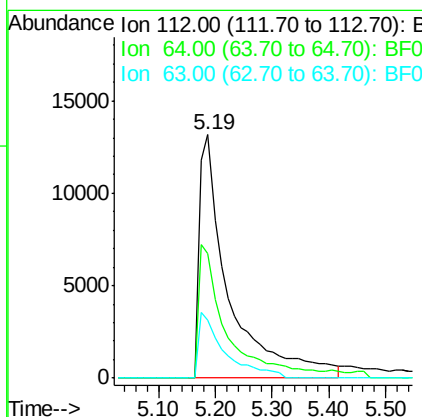
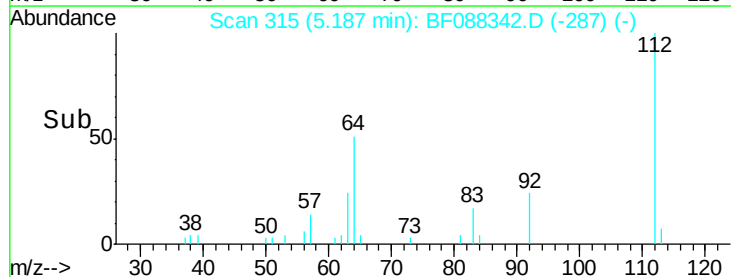


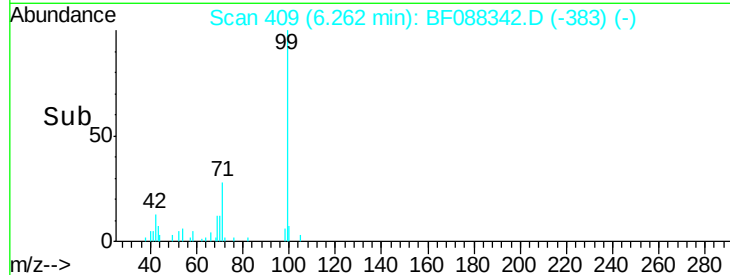
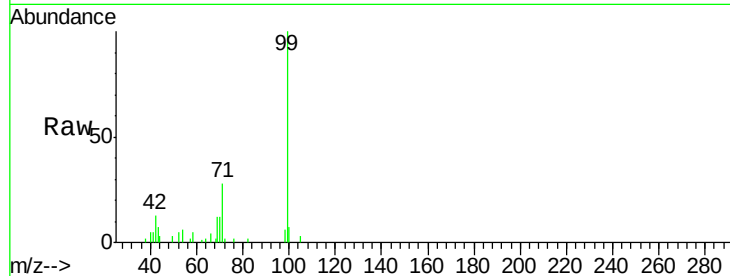
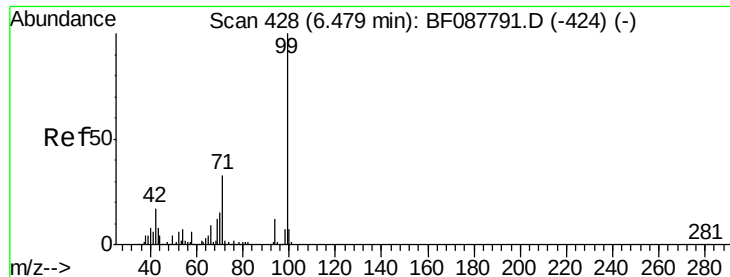
#5

2-Fluorophenol
Concen: 10.12 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20



Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	23.9	21.8	32.8





#7

Phenol-d6

Concen: 12.43 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF088342.D

Acq: 24 Jun 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		69686		
42	12.9	12.2	18.2		
71	28.4	23.4	35.0		

Instrument :

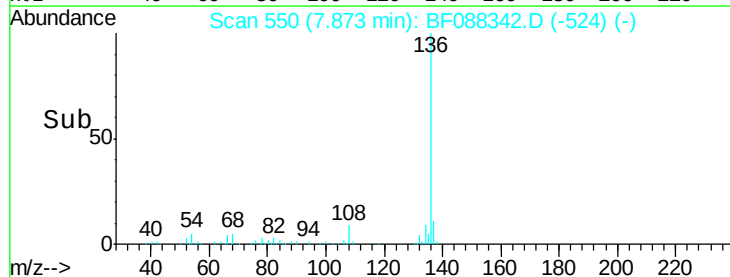
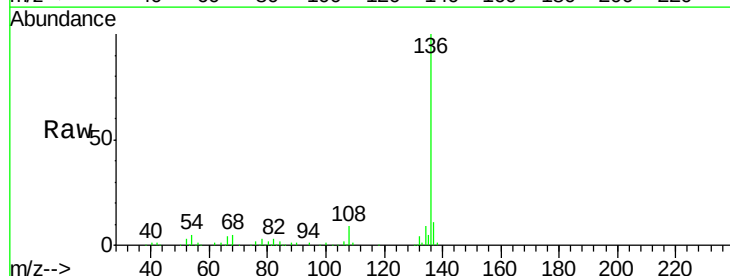
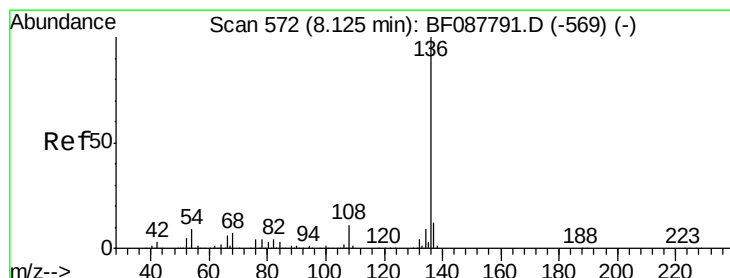
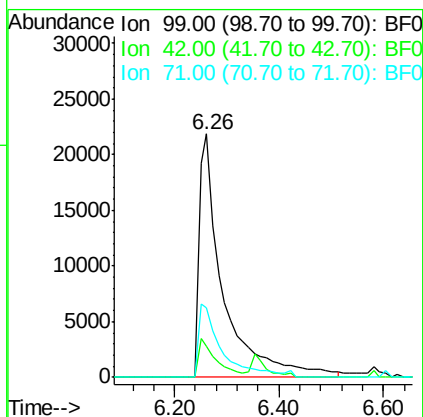
BNA_F

ClientSampleId :

PM-STA-1407(0-4)

Manual Integrations
APPROVED

sohil
6/27/2016 8:13:22 PM



#21

Naphthalene-d8

Concen: 20.00 ng

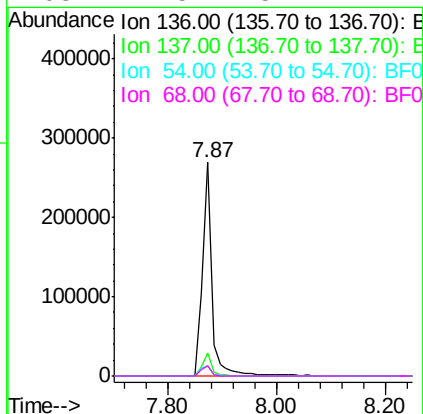
RT: 7.87 min Scan# 550

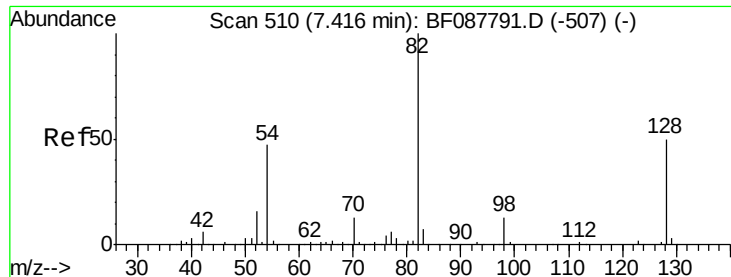
Delta R.T. -0.00 min

Lab File: BF088342.D

Acq: 24 Jun 2016 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		320234		
137	10.8	9.1	13.7		
54	5.0	6.6	10.0#		
68	4.5	5.1	7.7#		





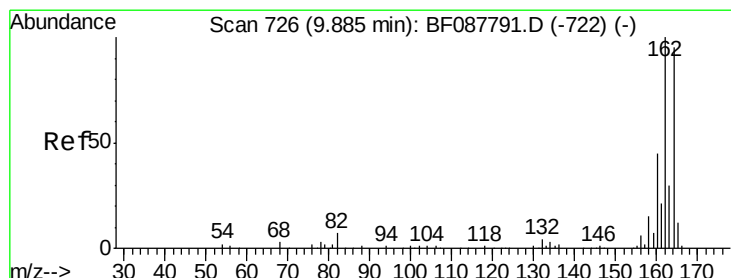
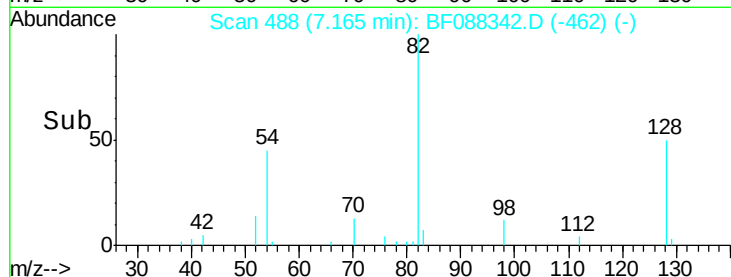
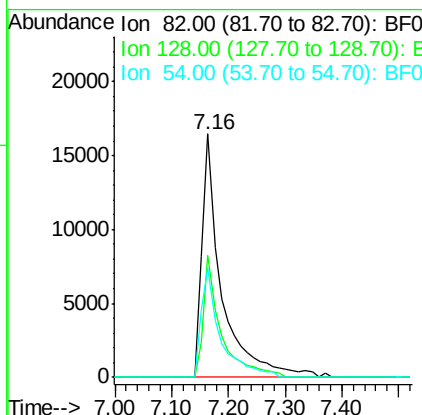
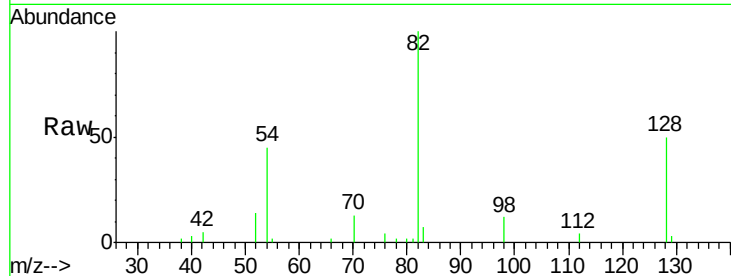
#23
 Nitrobenzene-d5
 Concen: 7.04 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1407(0-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	35.9	53.9
54	44.7	40.9	61.3

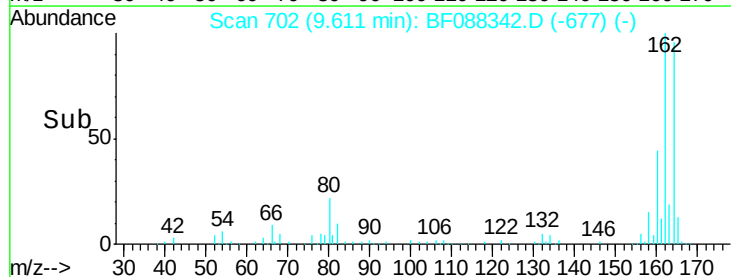
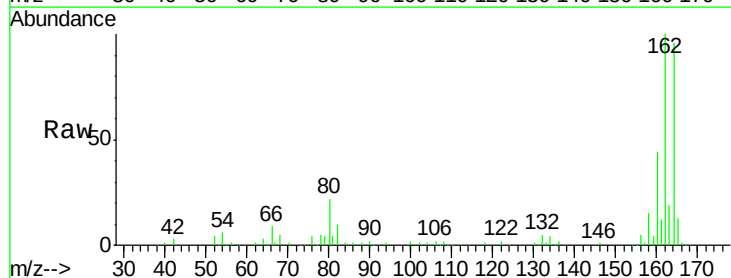
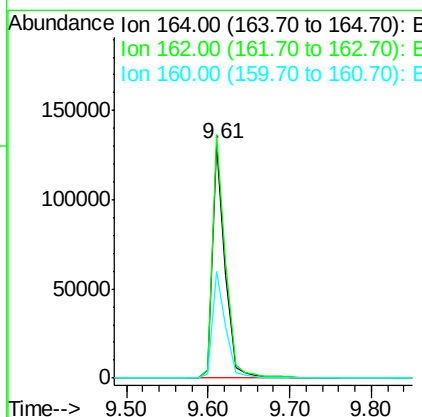
Manual Integrations
 APPROVED

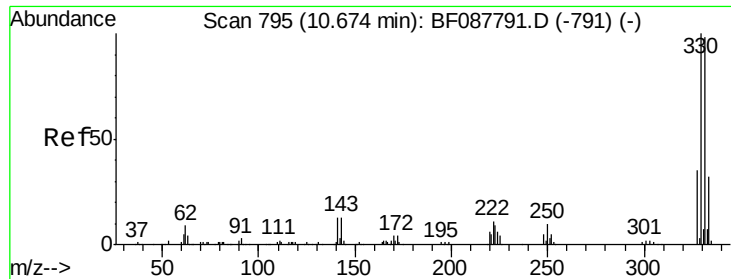
sohil
 6/27/2016 8:13:22 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	45.7	39.5	59.3





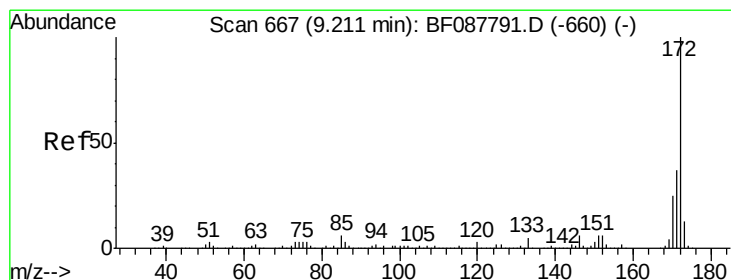
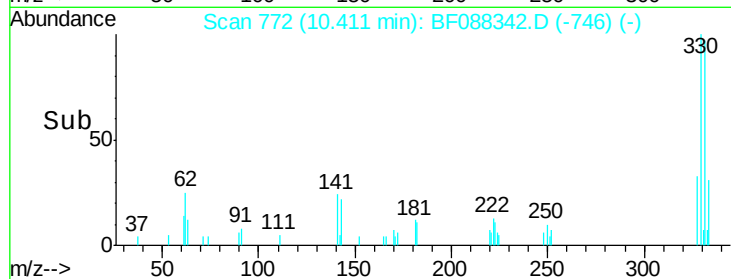
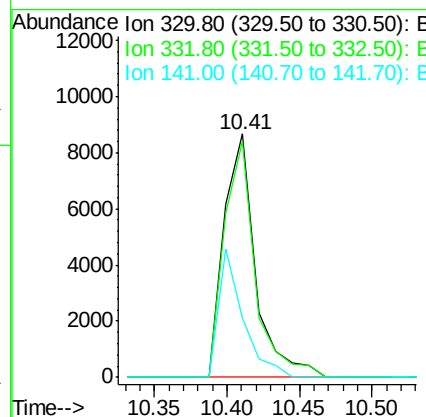
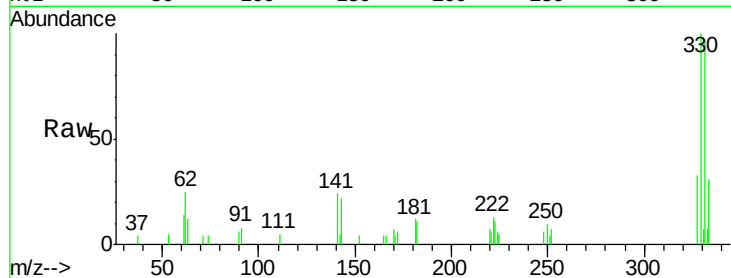
#41
 2,4,6-Tribromophenol
 Concen: 8.62 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1407(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	13017		
332	95.9	0.0	0.0	0.0
141	41.0	0.0	0.0	0.0

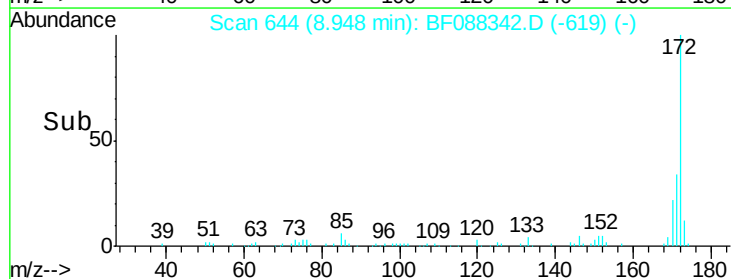
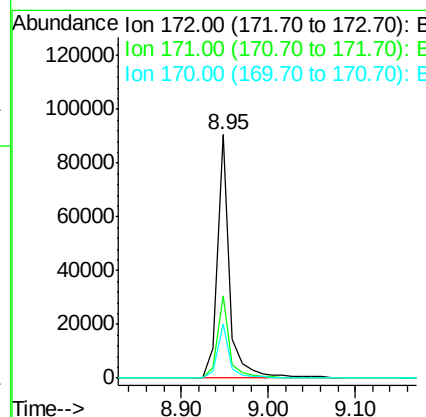
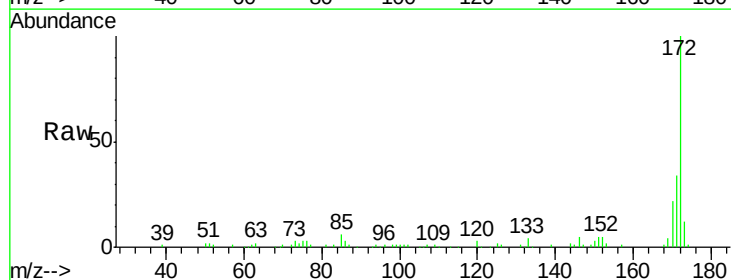
Manual Integrations
 APPROVED

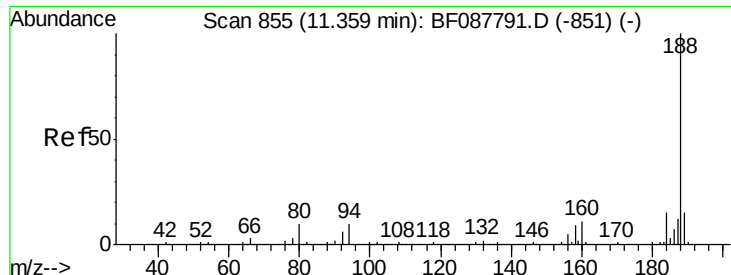
sohil
 6/27/2016 8:13:22 PM



#44
 2-Fluorobiphenyl
 Concen: 4.62 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	89801		
171	33.9	28.6	43.0	
170	22.3	19.2	28.8	





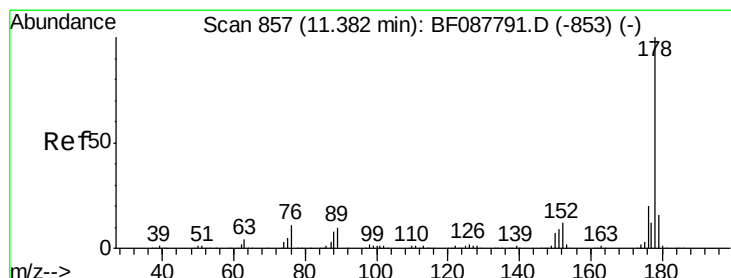
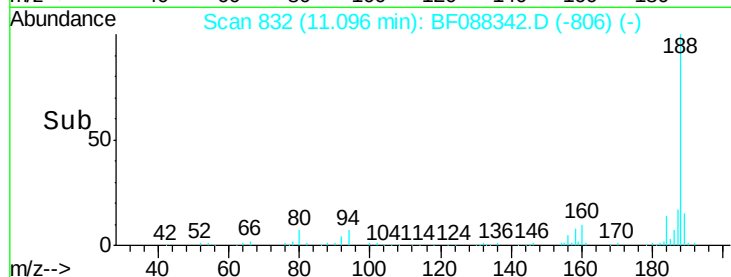
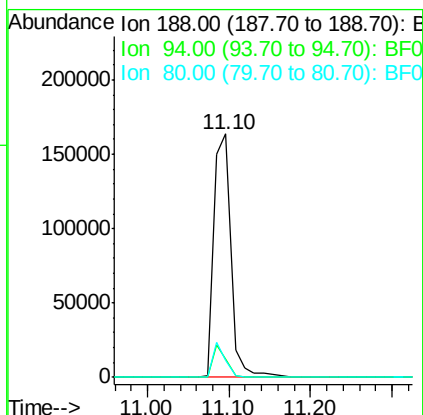
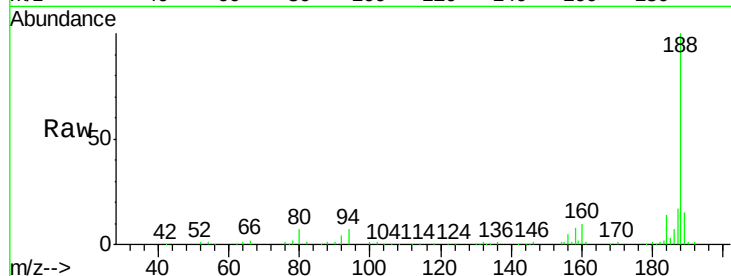
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	9.0	13.6#
80	6.9	10.0	15.0#

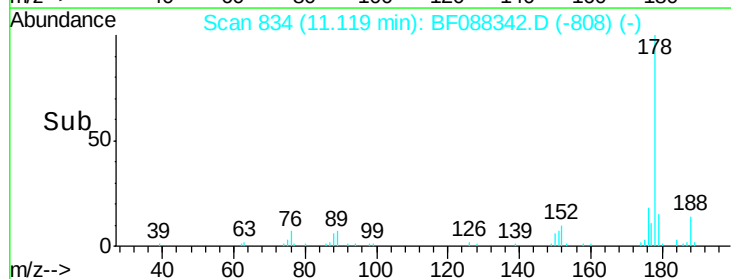
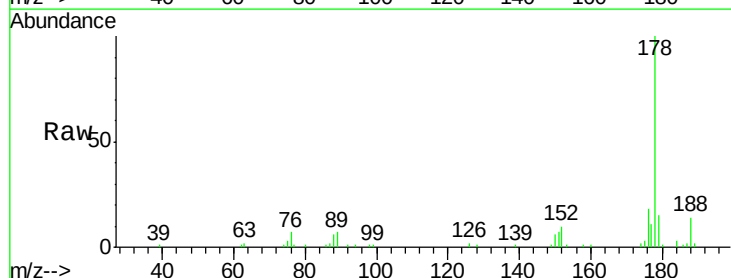
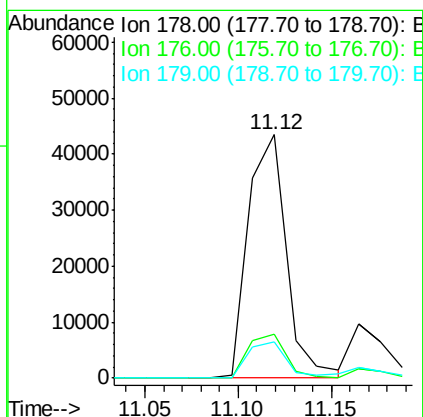
Manual Integrations
APPROVED

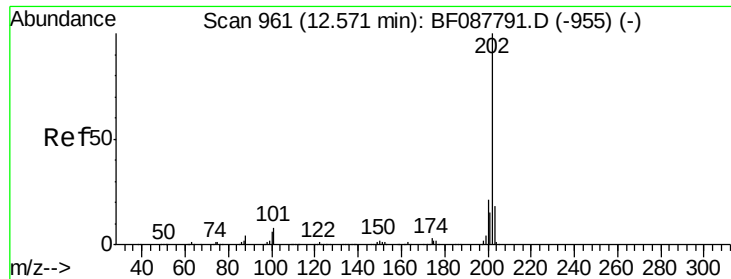
sohil
6/27/2016 8:13:22 PM



#70
Phenanthrene
Concen: 4.91 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.1	15.8	23.6
179	14.9	13.0	19.4





#74

Fluoranthene

Concen: 9.81 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF088342.D

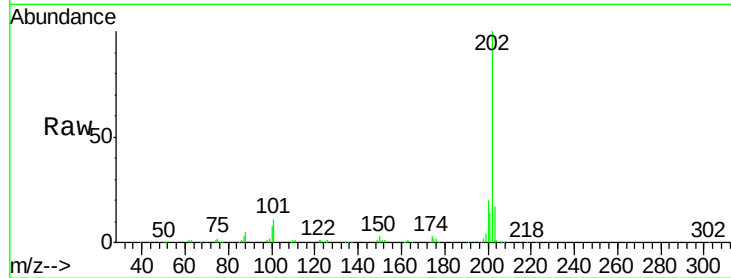
Acq: 24 Jun 2016 20:20

Instrument :

BNA_F

ClientSampleId :

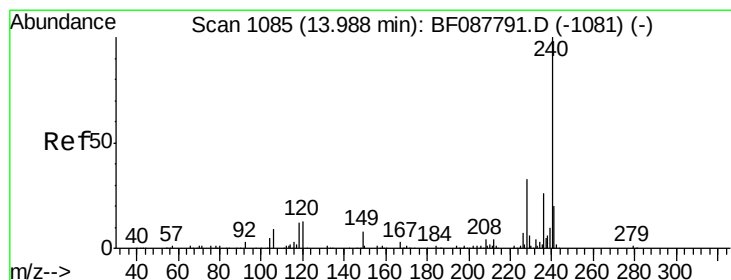
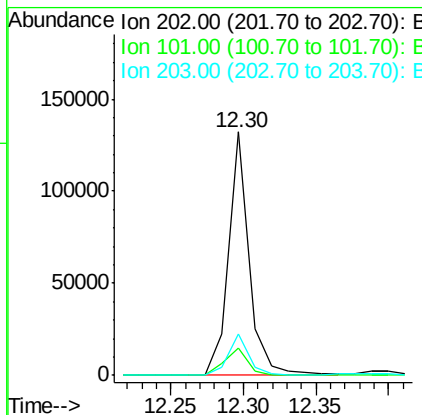
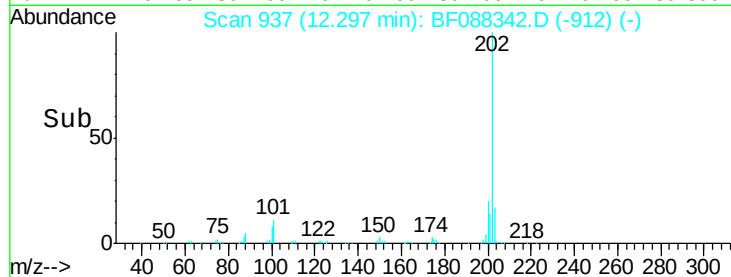
PM-STA-1407(0-4)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130595		
101	11.0	0.0	33.1	
203	17.2	0.0	38.1	

Manual Integrations
APPROVED

sohil
6/27/2016 8:13:22 PM



#75

Chrysene-d12

Concen: 20.00 ng

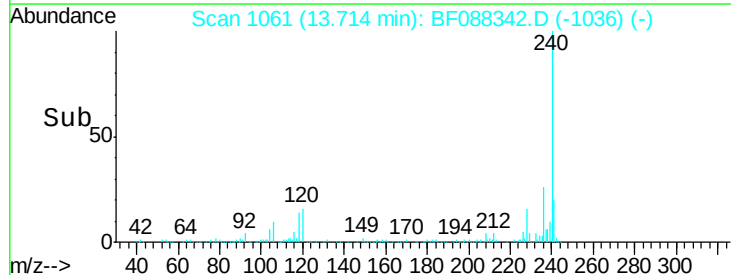
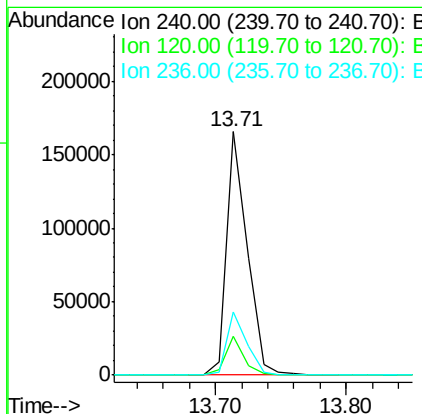
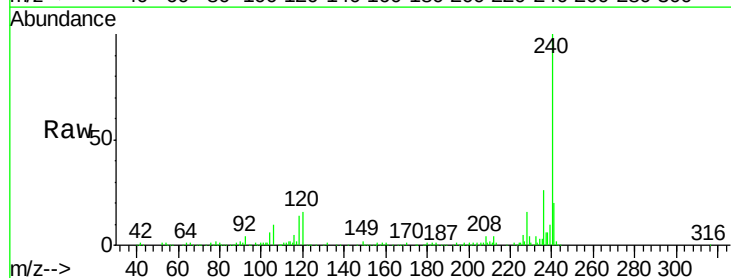
RT: 13.71 min Scan# 1061

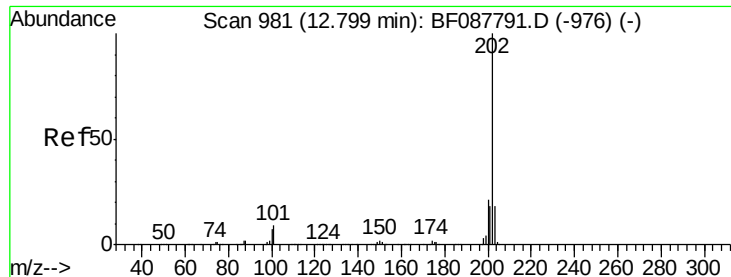
Delta R.T. -0.01 min

Lab File: BF088342.D

Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	181674		
120	15.8	6.8	10.2#	
236	25.9	20.2	30.2	





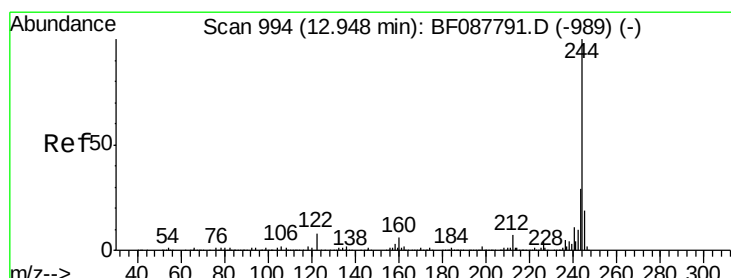
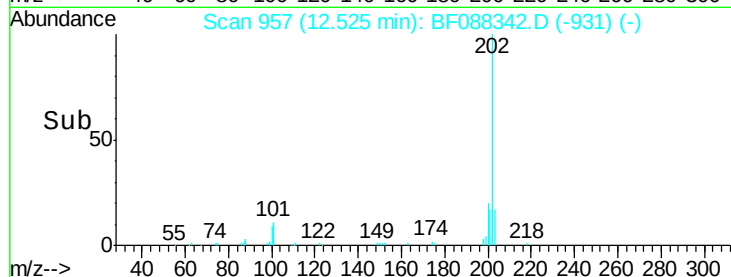
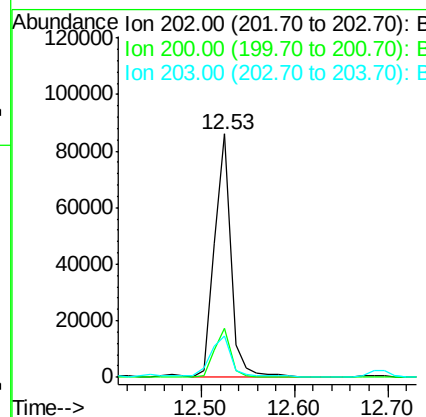
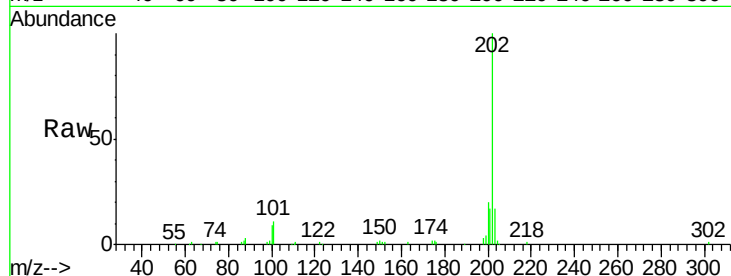
#77
 Pyrene
 Concen: 7.92 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1407(0-4)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	106817		
200	20.0	17.4	26.2	
203	17.1	14.5	21.7	

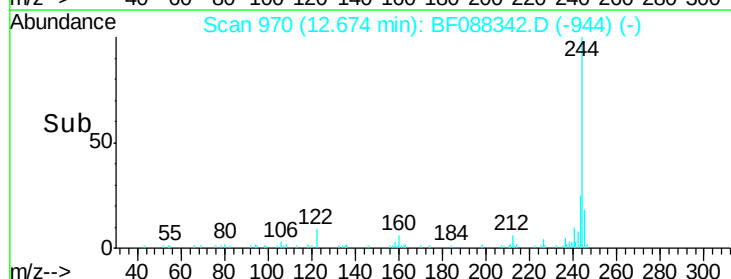
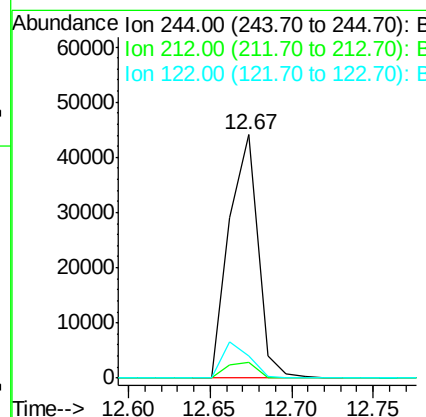
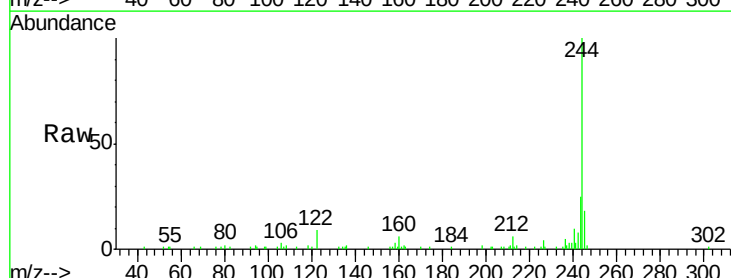
Manual Integrations
 APPROVED

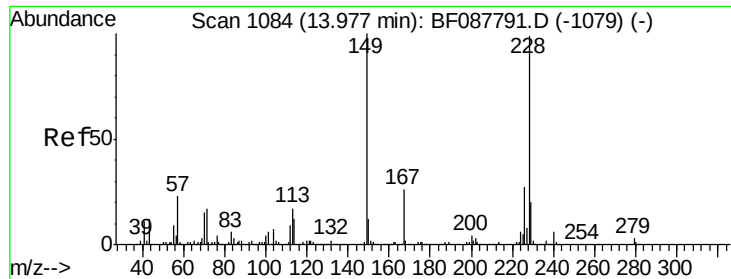
sohil
 6/27/2016 8:13:22 PM



#78
 Terphenyl-d14
 Concen: 6.74 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	53836		
212	6.4	6.0	9.0	
122	9.2	11.2	16.8#	





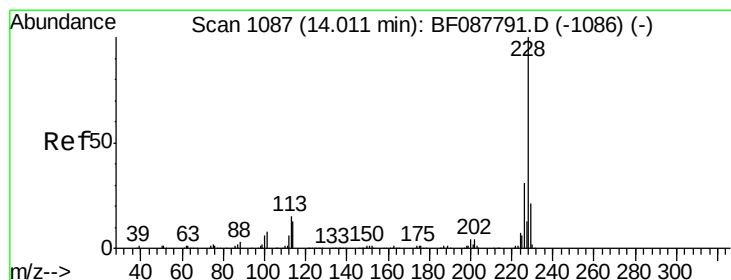
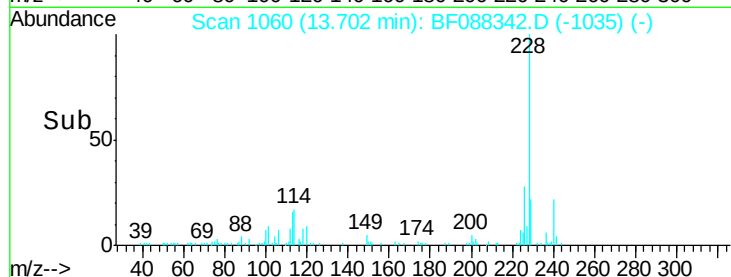
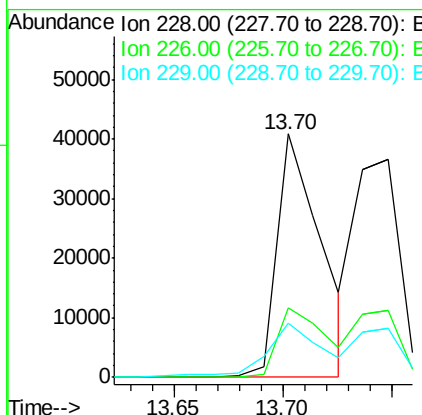
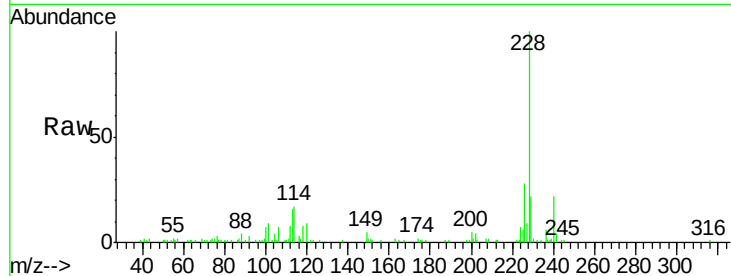
#80
Benzo(a)anthracene
Concen: 5.58 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	22.5	16.0	24.0

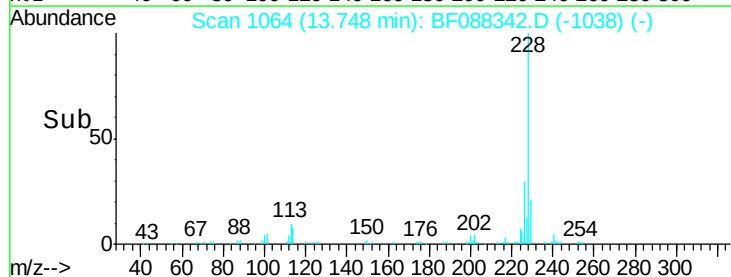
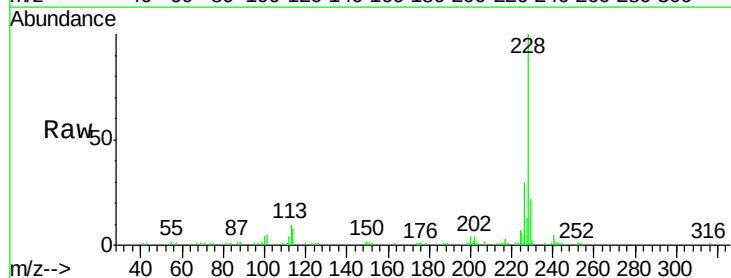
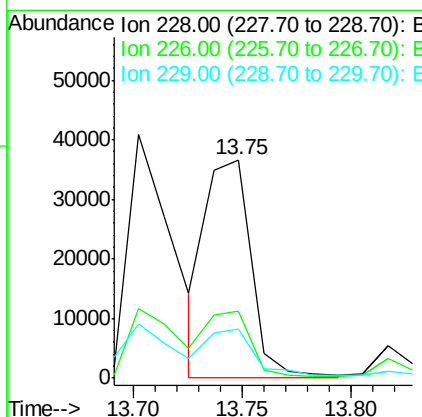
Manual Integrations
APPROVED

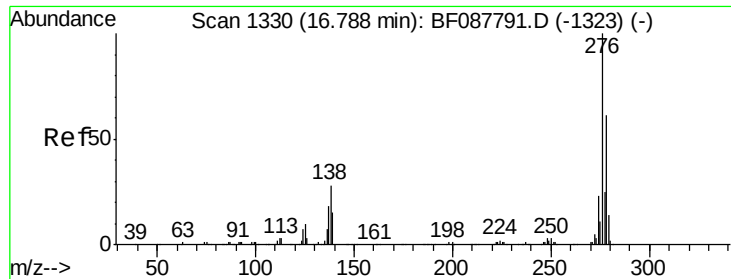
sohil
6/27/2016 8:13:22 PM



#82
Chrysene
Concen: 5.50 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	22.4	16.3	24.5





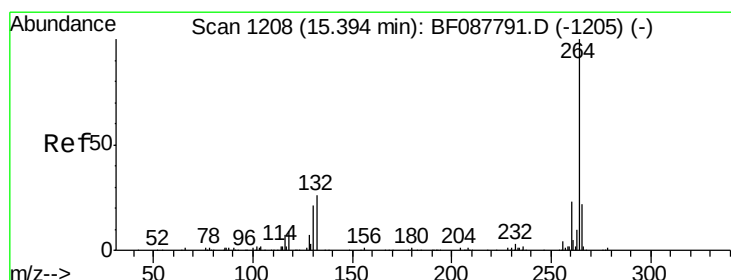
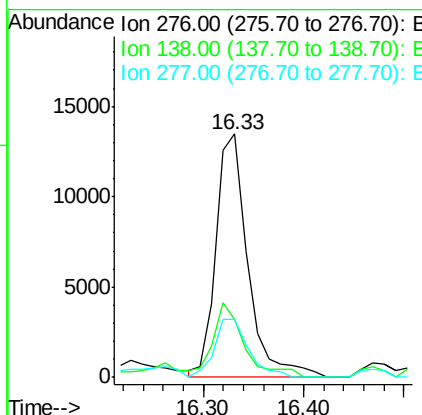
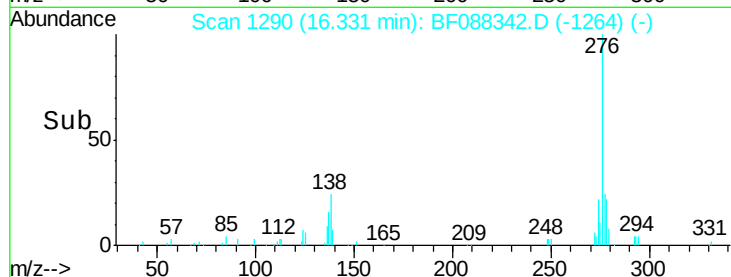
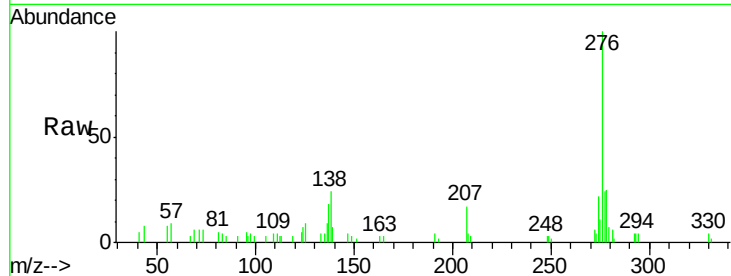
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.28 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1407(0-4)

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.6	0.0	0.0#

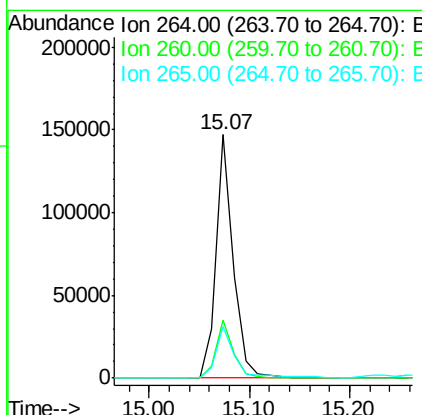
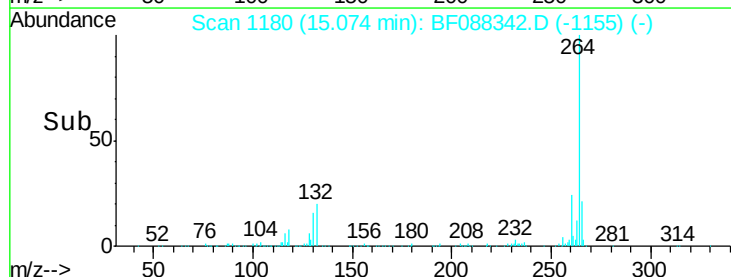
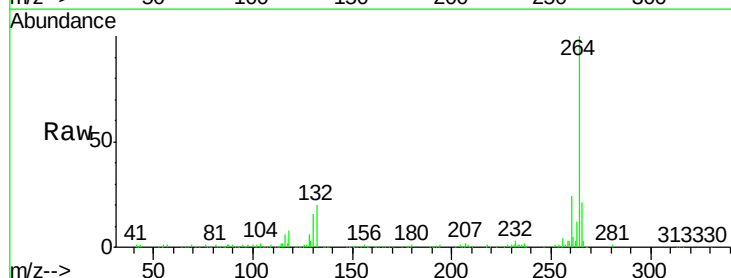
Manual Integrations
 APPROVED

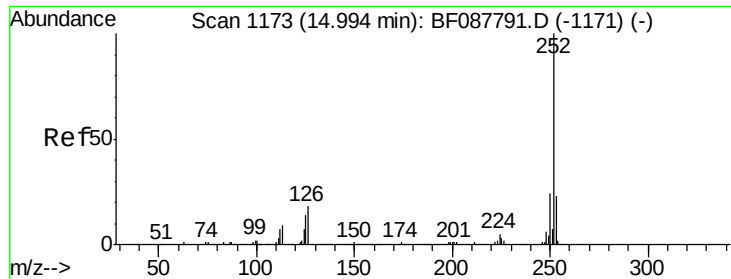
sohil
 6/27/2016 8:13:22 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF088342.D
 Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3





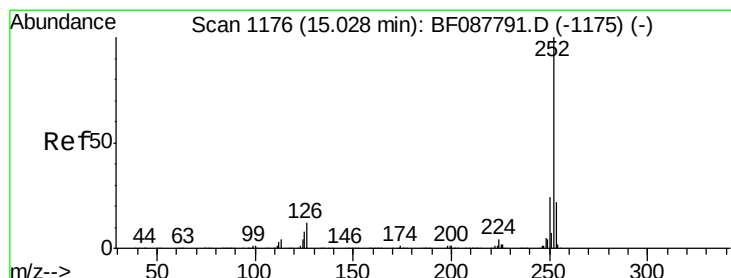
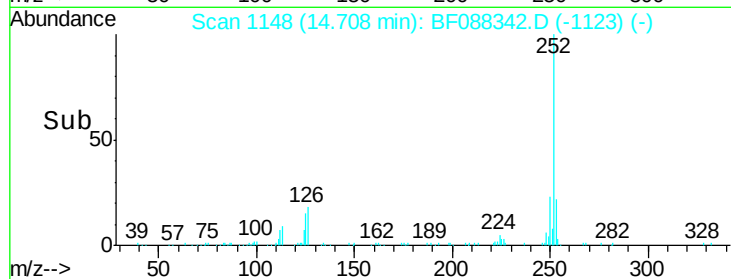
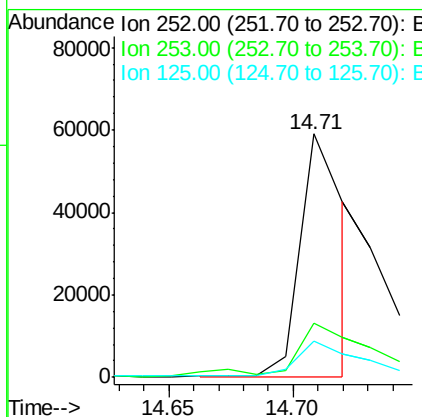
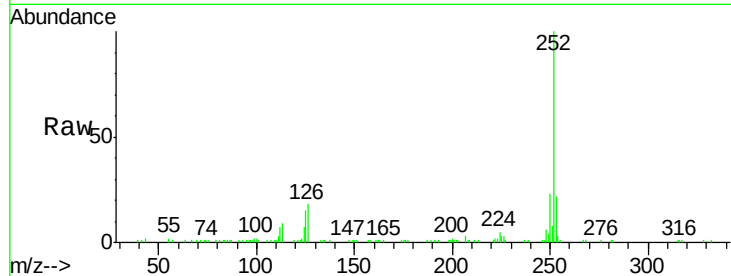
#87
Benzo(b)fluoranthene
Concen: 6.04 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	15.1	7.1	10.7

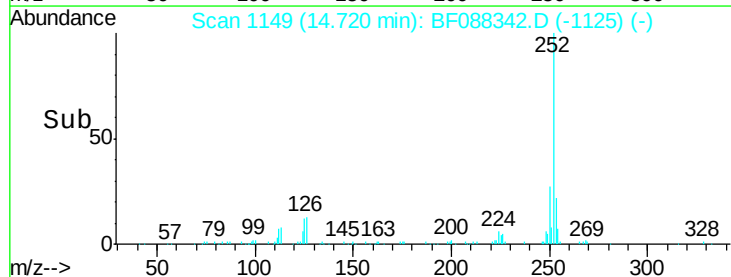
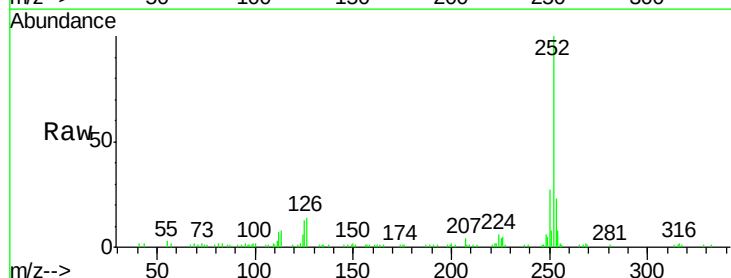
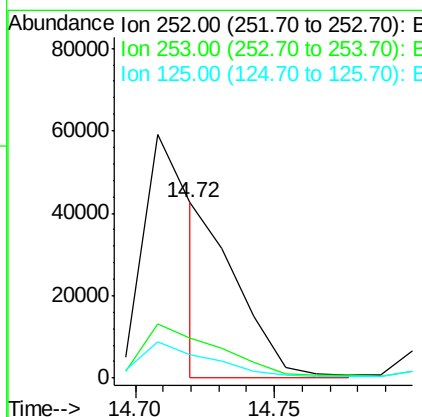
Manual Integrations
APPROVED

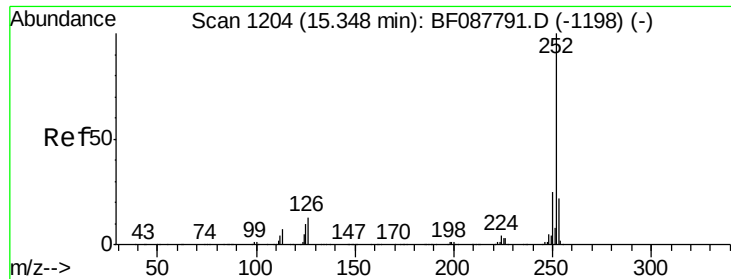
sohil
6/27/2016 8:13:22 PM



#88
Benzo(k)fluoranthene
Concen: 3.78 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.1	11.2	16.8





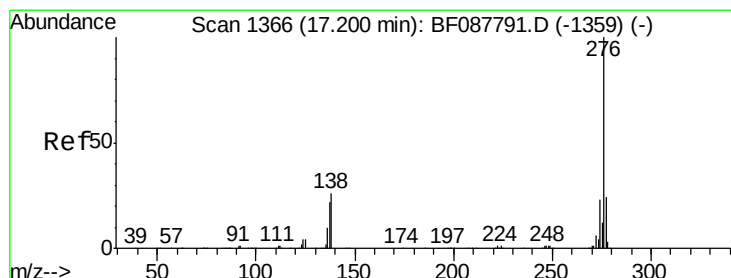
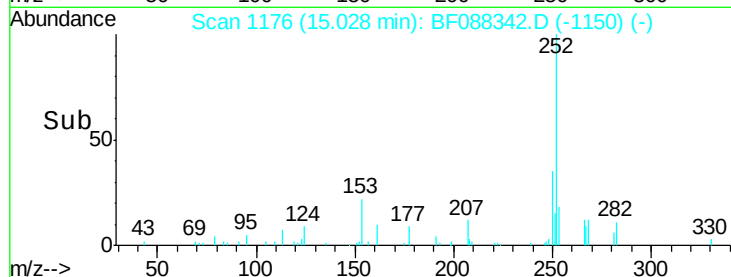
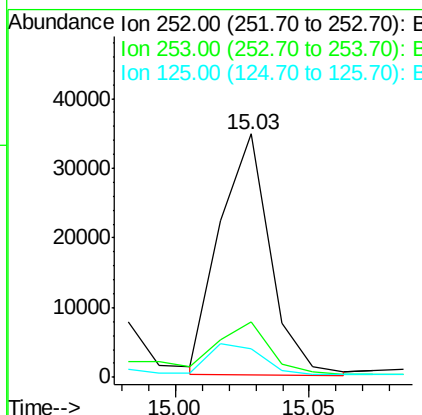
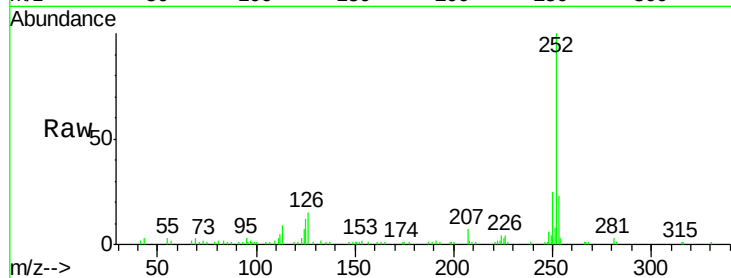
#89
Benzo(a)pyrene
Concen: 4.59 ng m
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Instrument :
BNA_F
ClientSampleId :
PM-STA-1407(0-4)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.9	12.5	18.7

Manual Integrations
APPROVED

sohil
6/27/2016 8:13:22 PM



#91
Benzo(g,h,i)perylene
Concen: 2.73 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF088342.D
Acq: 24 Jun 2016 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.9	28.3
138	28.5	21.4	32.2

