Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109630.D
Acq On : 6 Oct 2018 1:17
Operator : JU/SJ
Sample : J5263-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

Quant Time: Oct 06 07:06:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	89739	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	333470	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	133603	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	219514	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226819	20.00	ng	-0.01
86) Perylene-d12	15.23	264	197092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	458288	84.11	ng	0.01
7) Phenol-d6	6.35	99	608404	87.51	ng	0.00
23) Nitrobenzene-d5	7.26	82	383237	67.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	114482	86.92	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	563235	63.58	ng	-0.02
78) Terphenyl-d14	12.79	244	466281	50.45	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.36	94	30657	3.894	ng	# 72
49) Dimethylphthalate	9.45	163	70561	7.261	ng	99
70) Phenanthrene	11.23	178	31352	2.861	ng	100
74) Fluoranthene	12.42	202	54979	4.694	ng	97
77) Pyrene	12.64	202	47682	2.933	ng	97
80) Benzo(a)anthracene	13.82	228	33724	2.468	ng	93
82) Chrysene	13.86	228	28983	2.140	ng	97
87) Benzo(b)fluoranthene	14.84	252	29519m	2.726	ng	
89) Benzo(a)pyrene	15.17	252	22291	2.284	ng	94

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

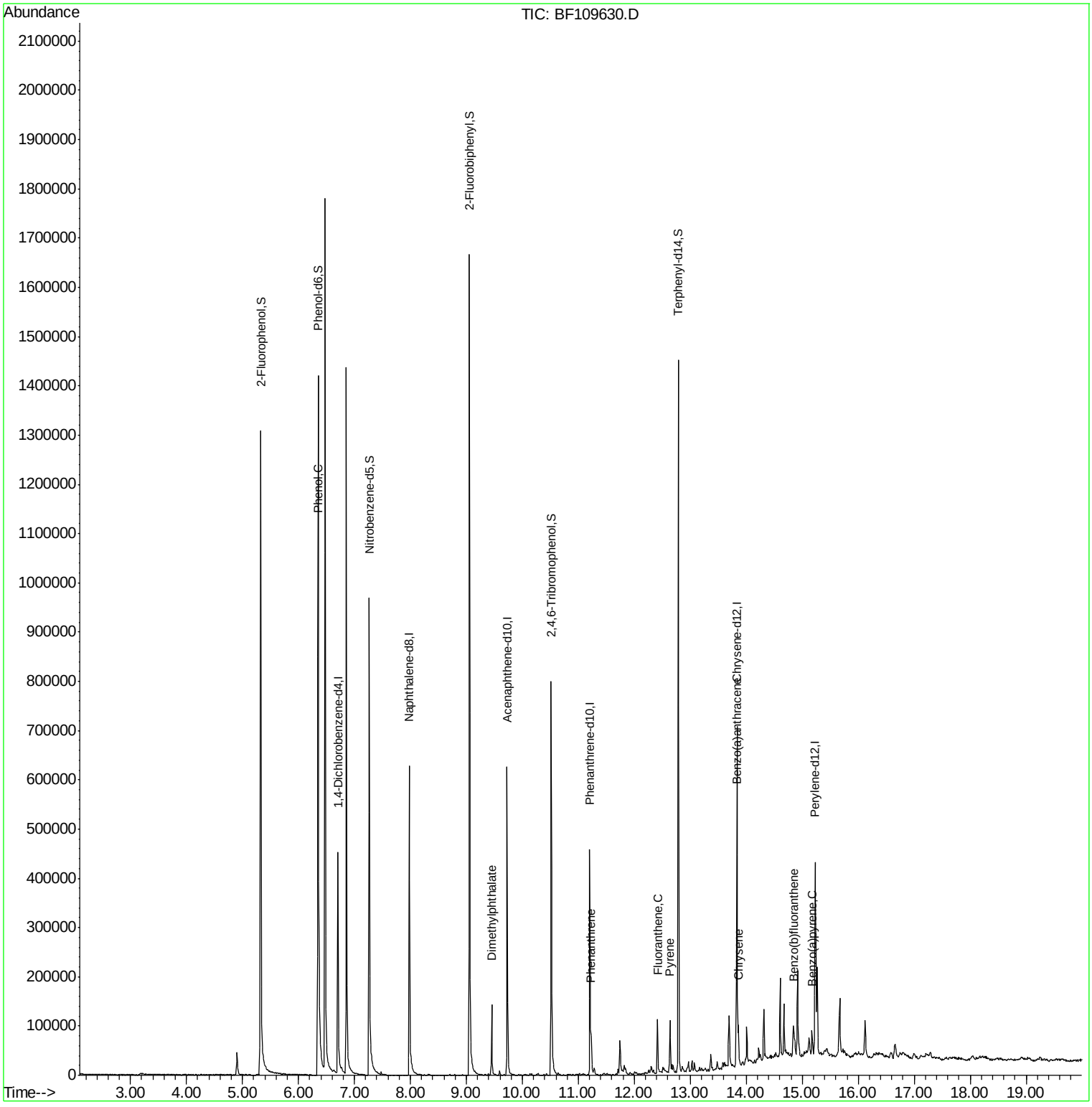
Quantitation Report (LSC Reviewed)

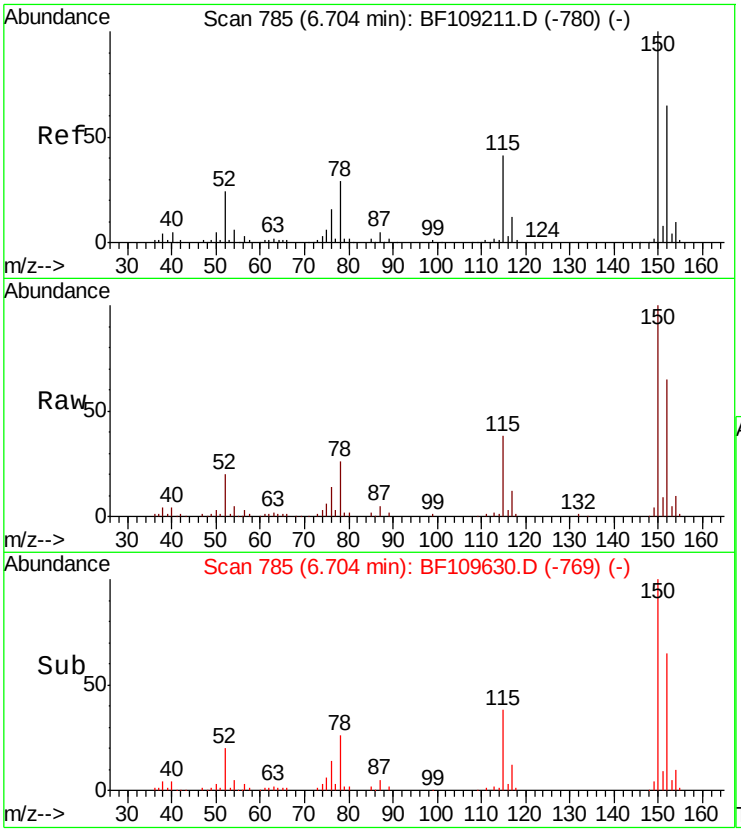
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109630.D
Acq On : 6 Oct 2018 1:17
Operator : JU/SJ
Sample : J5263-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 06 07:06:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

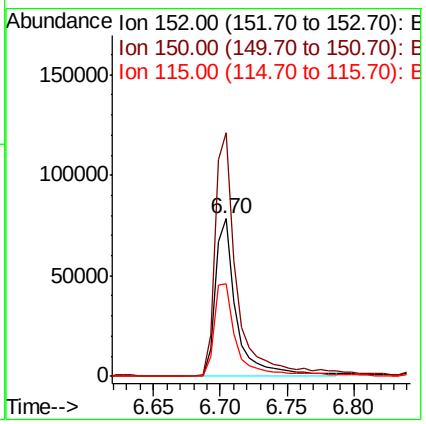




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

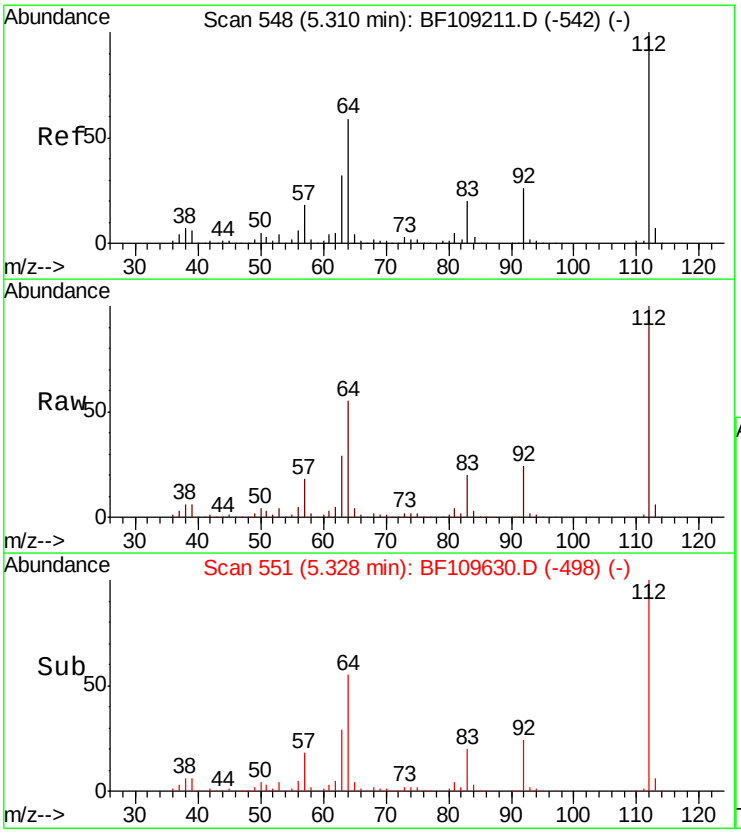
Tgt Ion:152 Resp: 89739

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.5	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

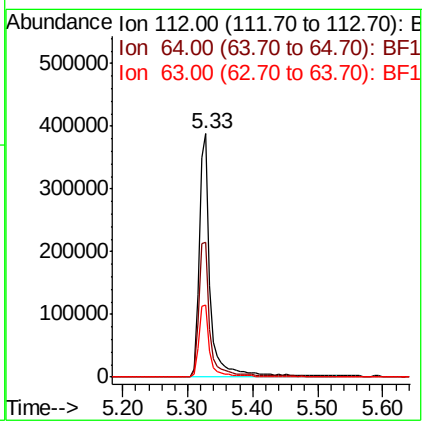
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

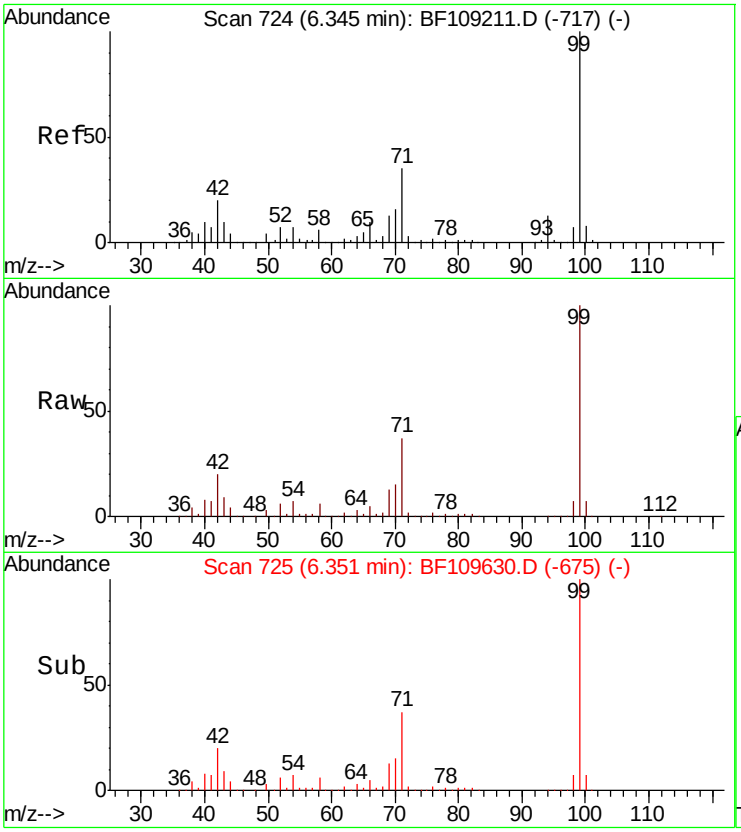


#5
2-Fluorophenol
Concen: 84.115 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:112 Resp: 458288

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	29.4	23.7	35.5

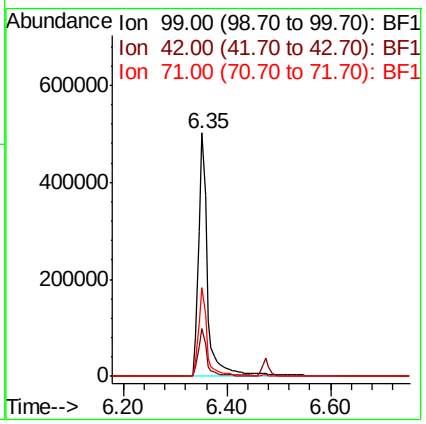




#7
Phenol-d6
Concen: 87.511 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

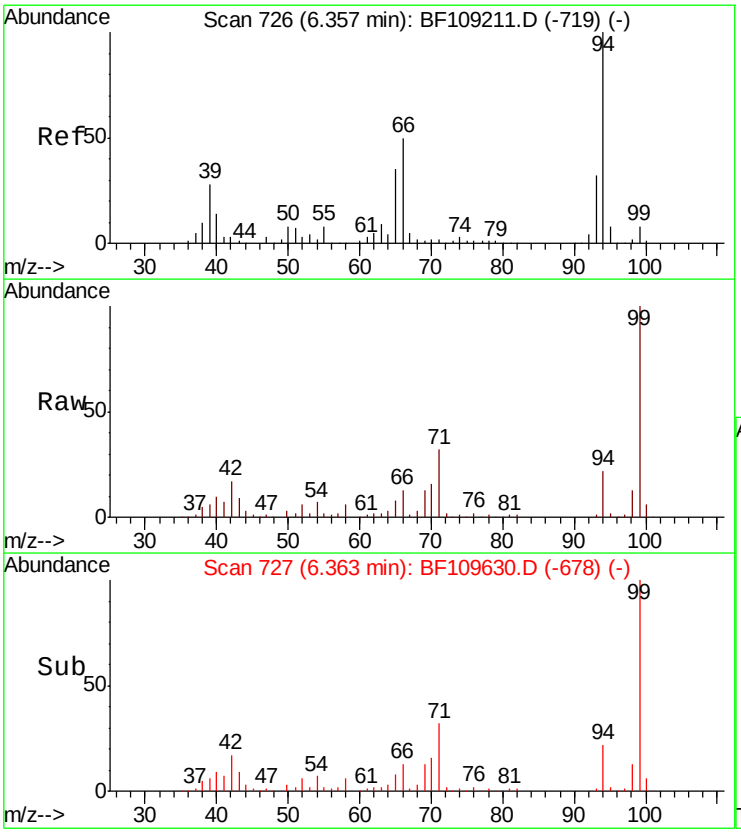
Tgt Ion: 99 Resp: 608404

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	36.7	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

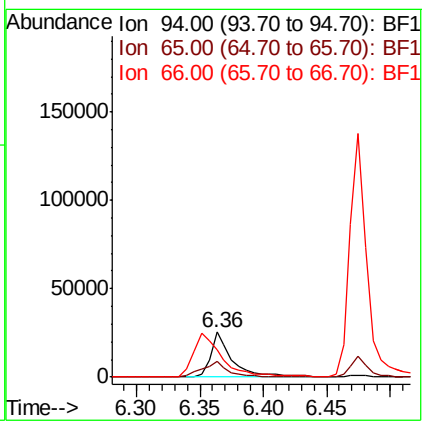
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

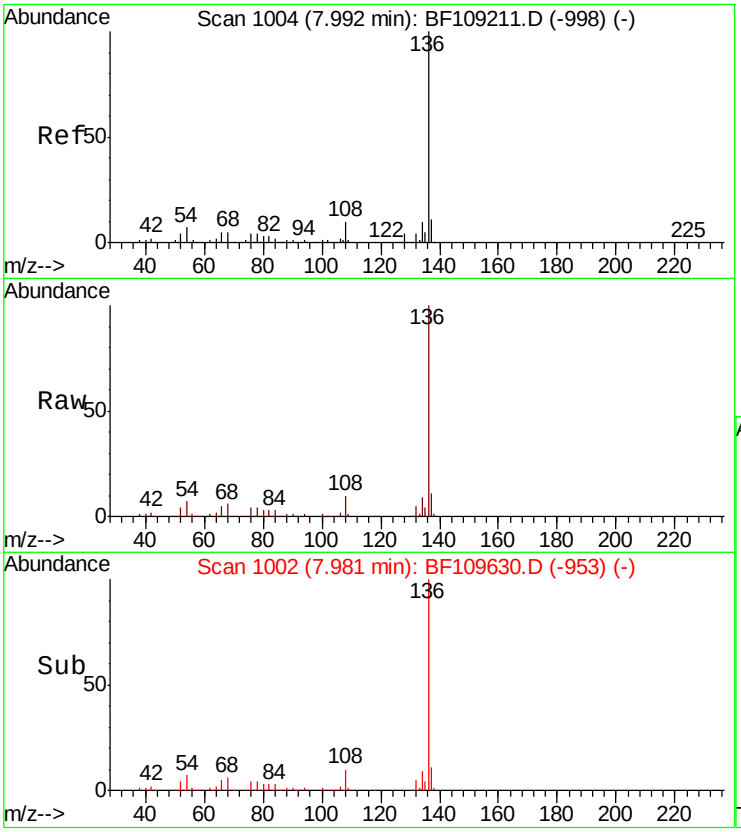


#10
Phenol
Concen: 3.894 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion: 94 Resp: 30657

Ion	Ratio	Lower	Upper
94	100		
65	35.1	7.9	47.9
66	59.7	16.2	56.2#

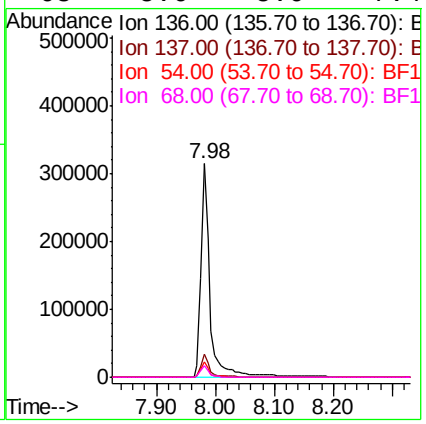




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

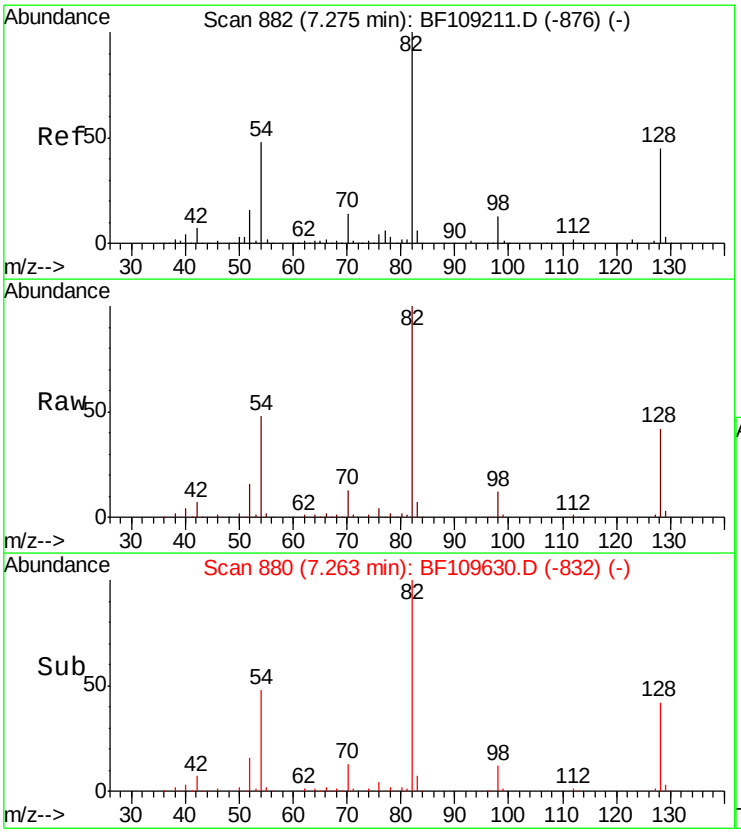
Tgt Ion:136 Resp: 333470

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

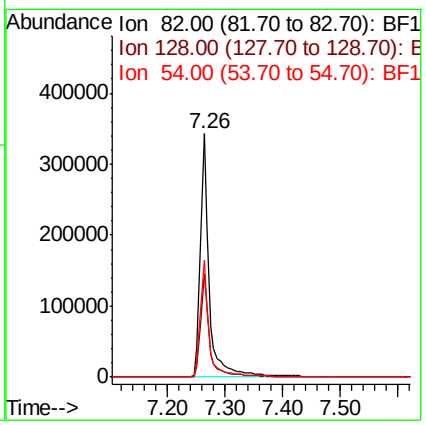
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

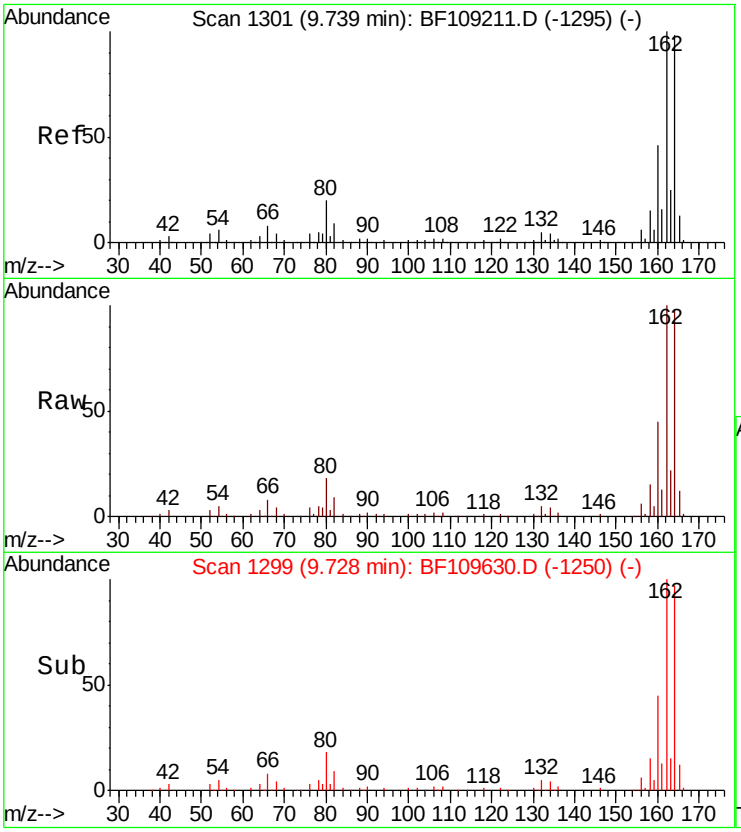


#23
Nitrobenzene-d5
Concen: 67.841 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion: 82 Resp: 383237

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	48.2	41.4	62.2

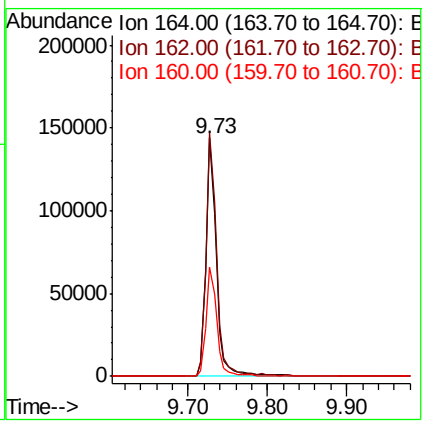




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

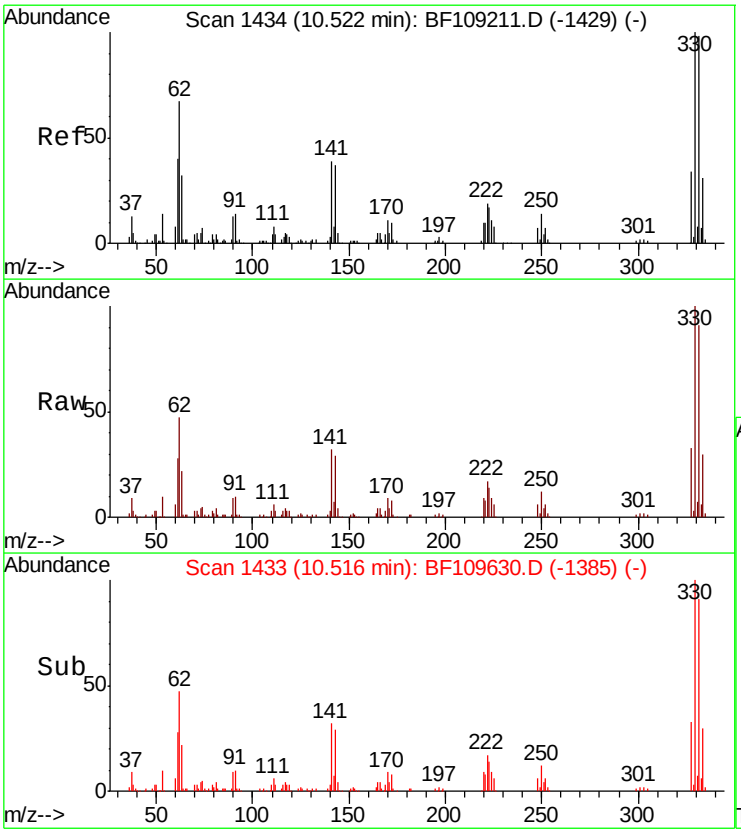
Tgt Ion:164 Resp: 133603

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.8	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

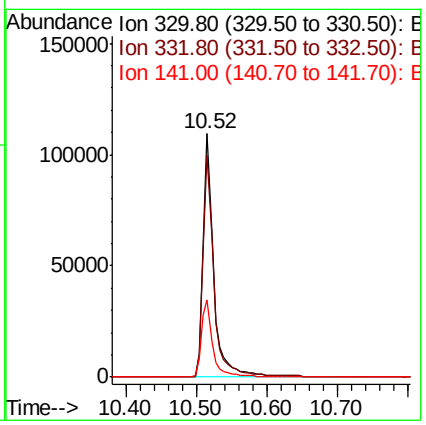
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

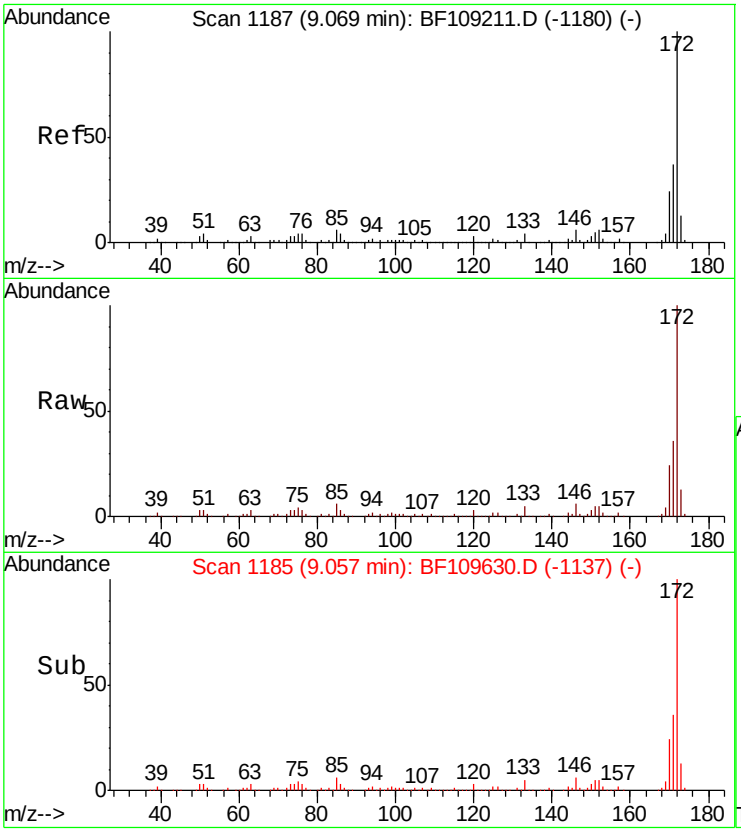


#41
2,4,6-Tribromophenol
Concen: 86.923 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:330 Resp: 114482

Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	33.4	29.9	44.9

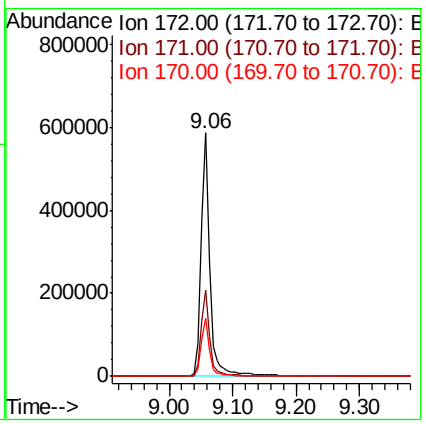




#44
2-Fluorobiphenyl
Concen: 63.581 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

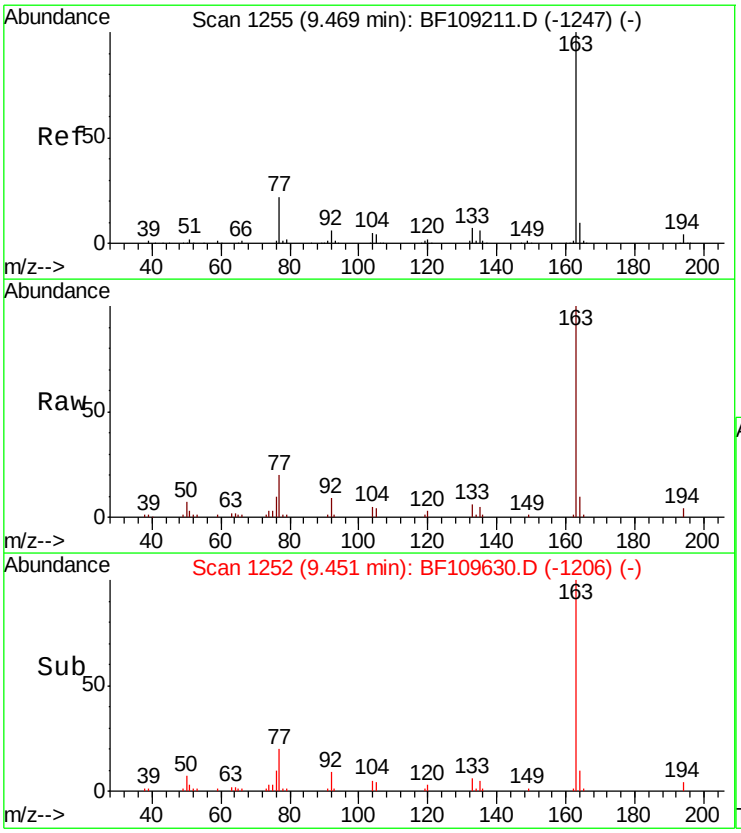
Tgt Ion:172 Resp: 563235

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

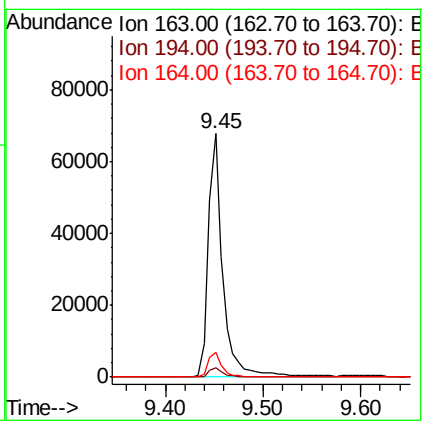
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

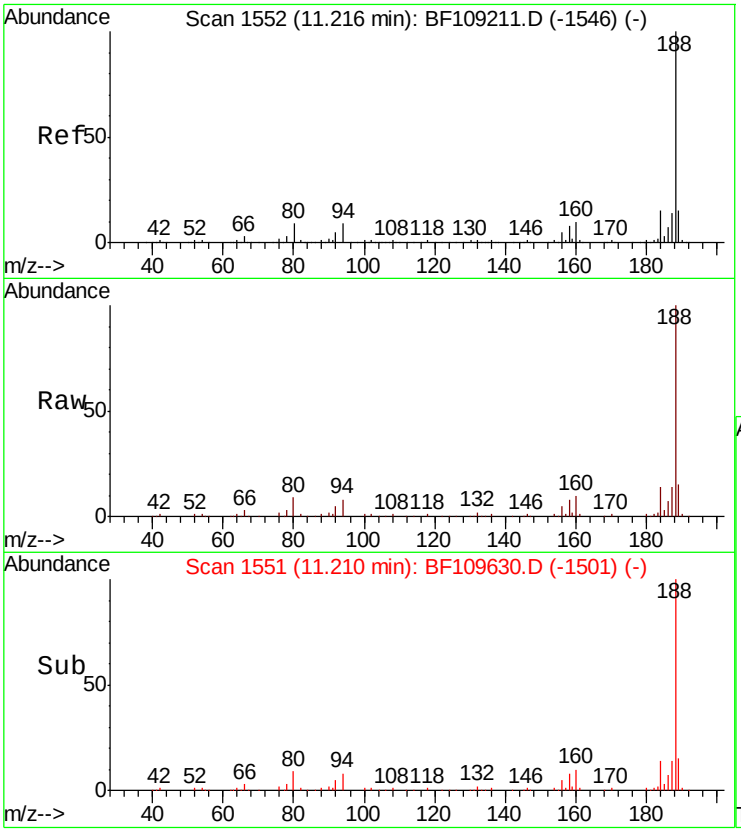


#49
Dimethylphthalate
Concen: 7.261 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:163 Resp: 70561

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.1	8.2	12.2





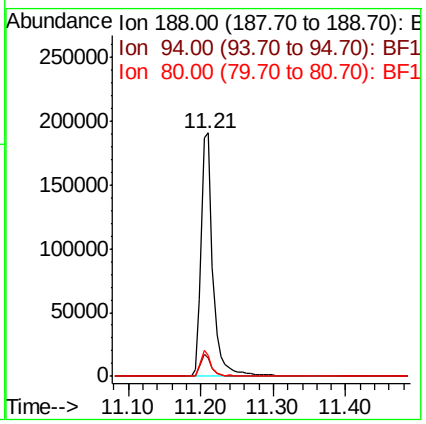
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

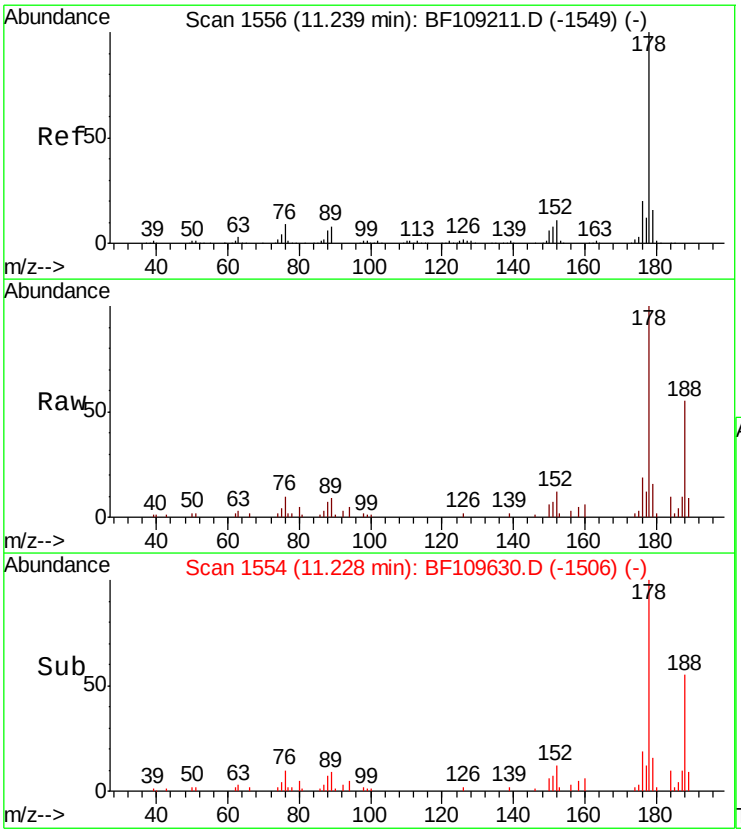
Tgt Ion:188 Resp: 219514

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.6	9.2	13.8#

Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

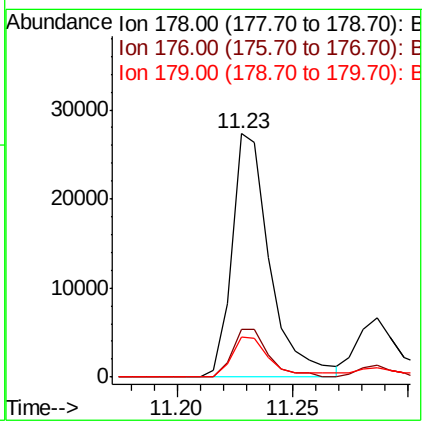


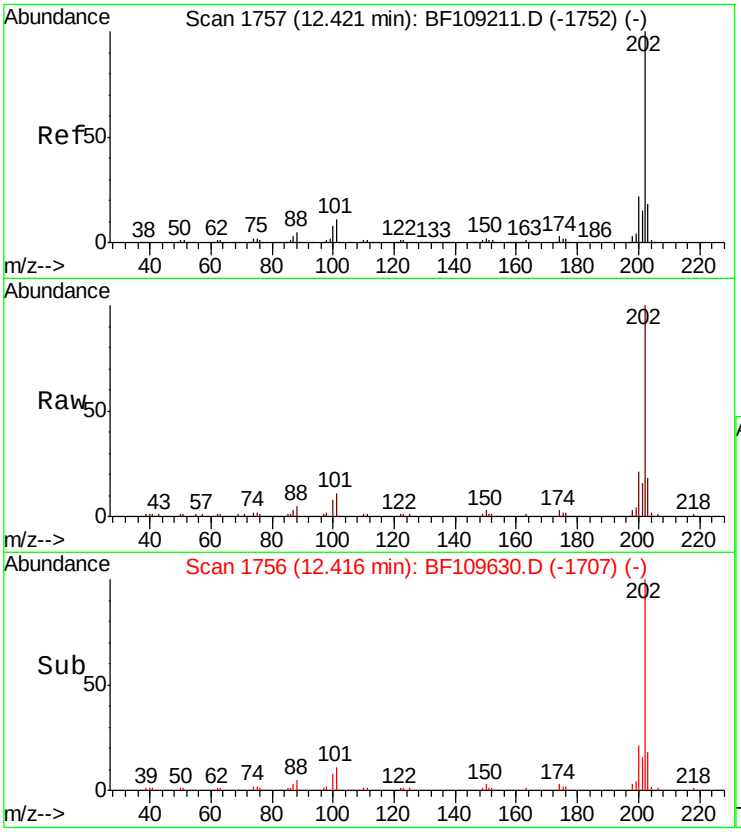


#70
Phenanthrene
Concen: 2.861 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:178 Resp: 31352

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.3	13.0	19.6





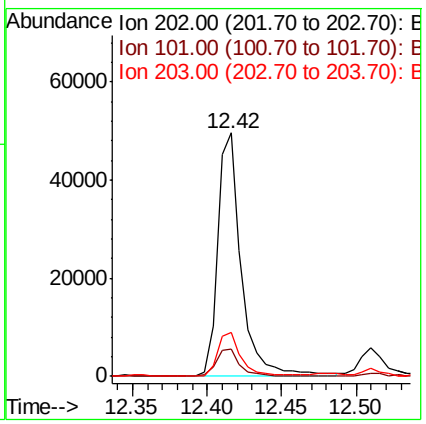
#74
Fluoranthene
Concen: 4.694 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

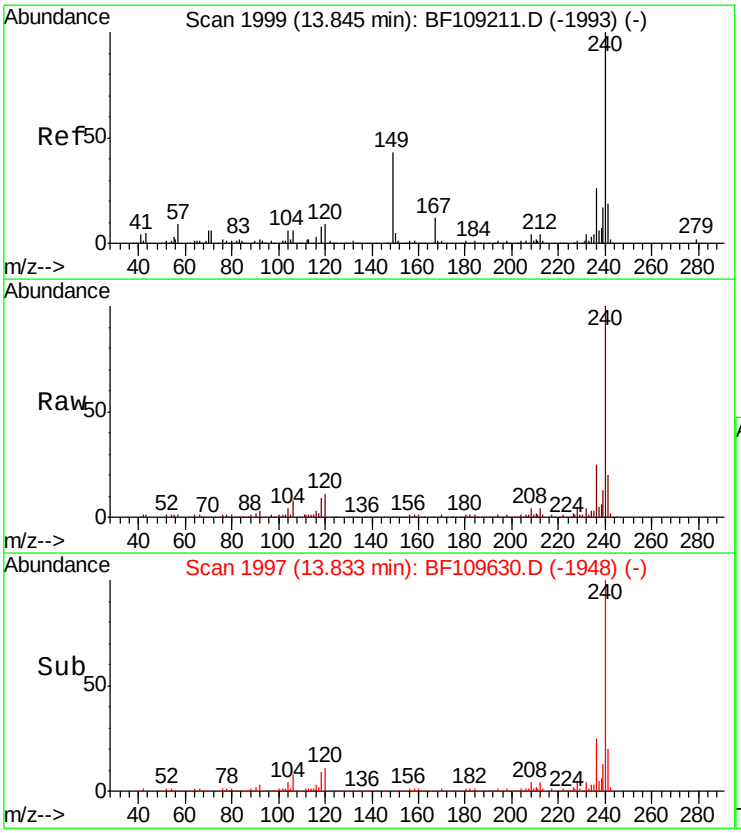
Tgt Ion:202 Resp: 54979

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.1	0.0	38.1

Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

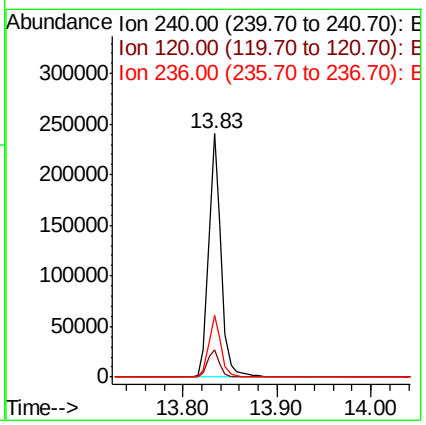


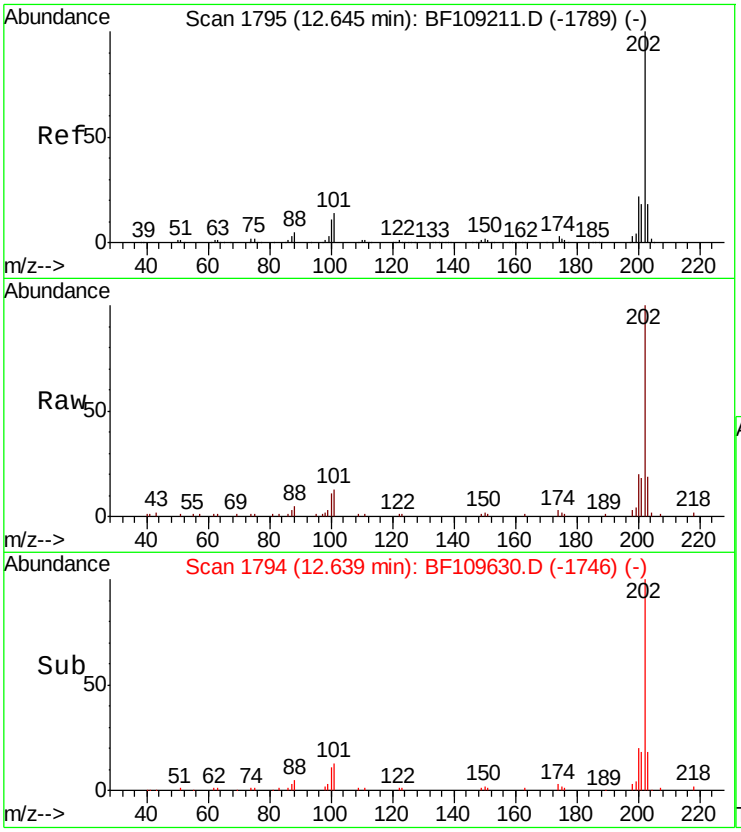


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:240 Resp: 226819

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.4	20.7	31.1





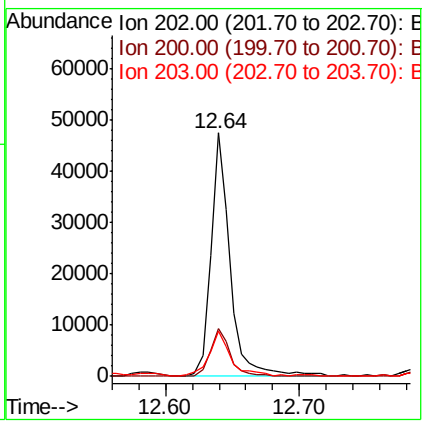
#77
Pyrene
Concen: 2.933 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

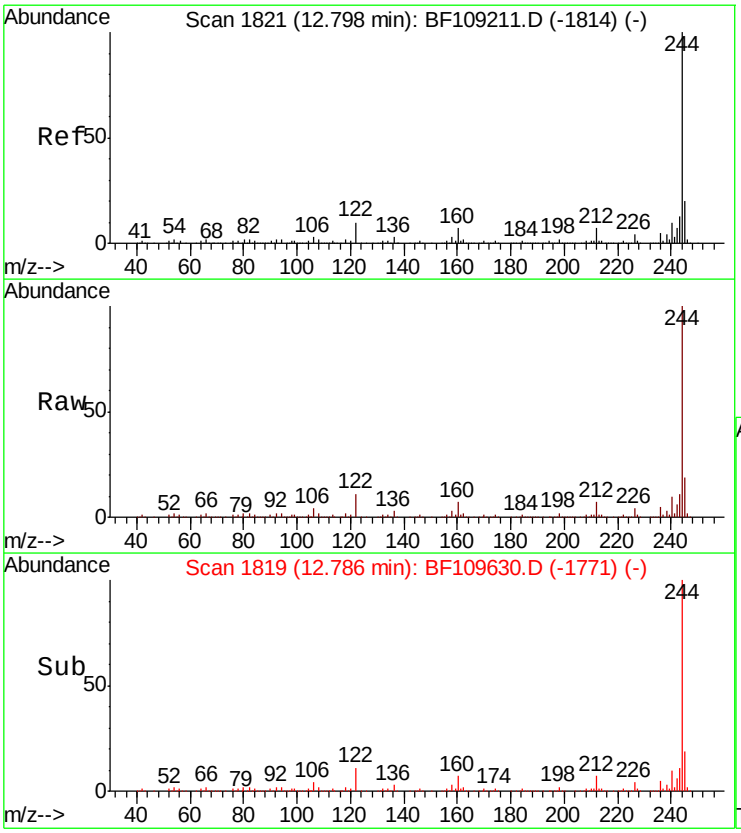
Tgt Ion:202 Resp: 47682

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.8	14.3	21.5

Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

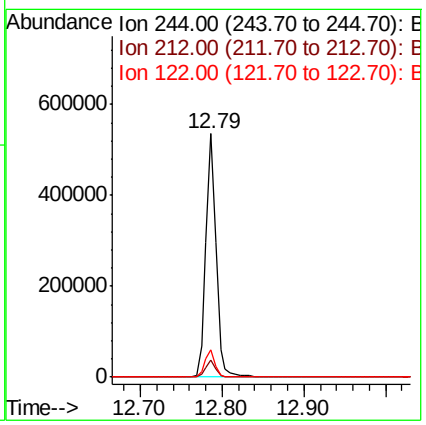


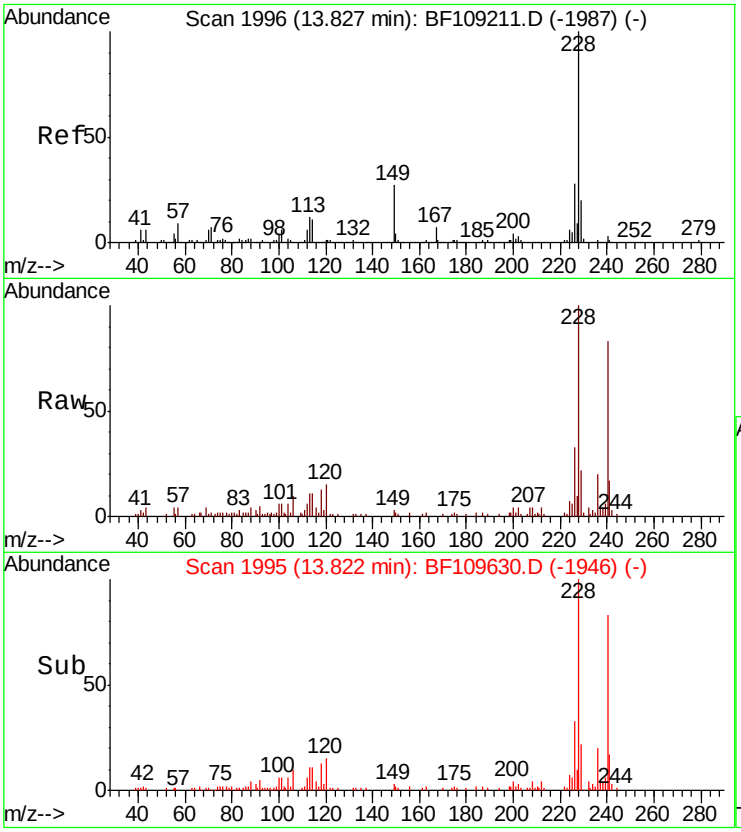


#78
Terphenyl-d14
Concen: 50.451 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:244 Resp: 466281

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.0	11.0	16.4#

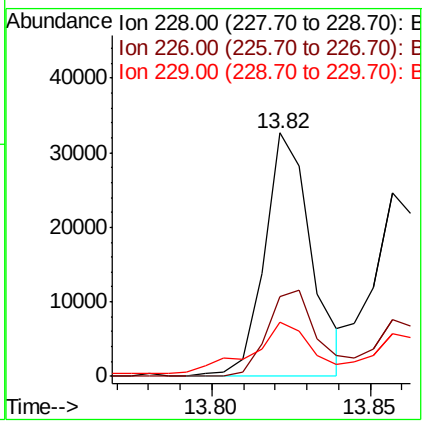




#80
Benzo(a)anthracene
Concen: 2.468 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

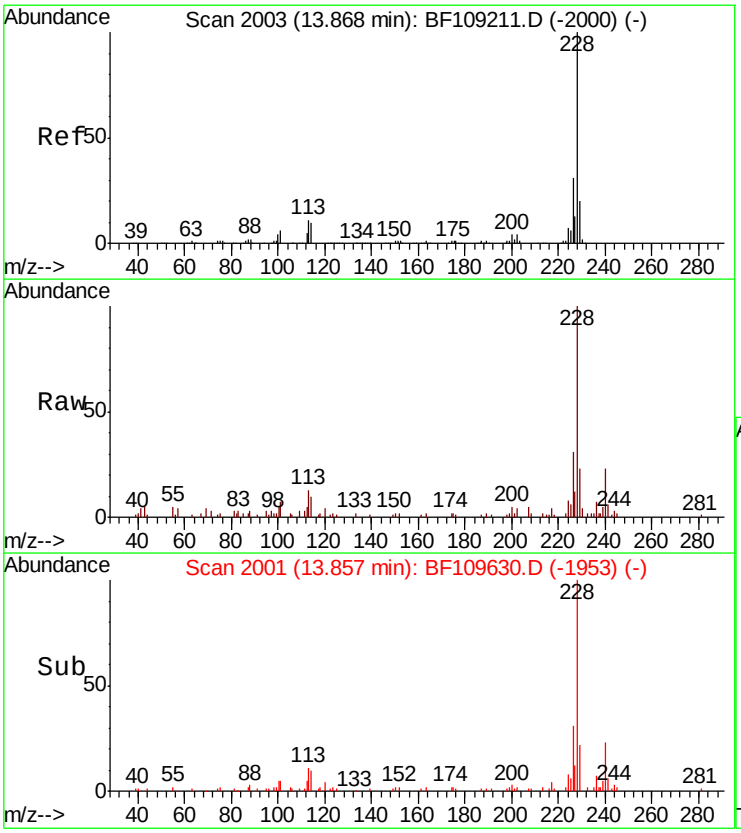
Tgt Ion:228 Resp: 33724

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	22.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

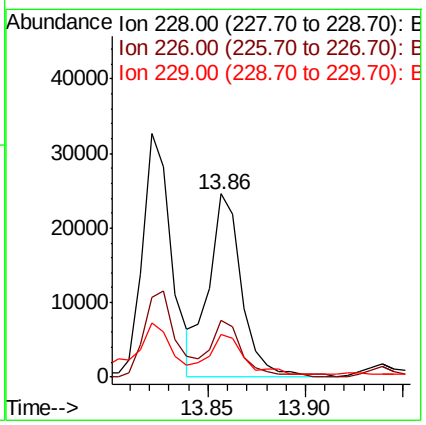
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

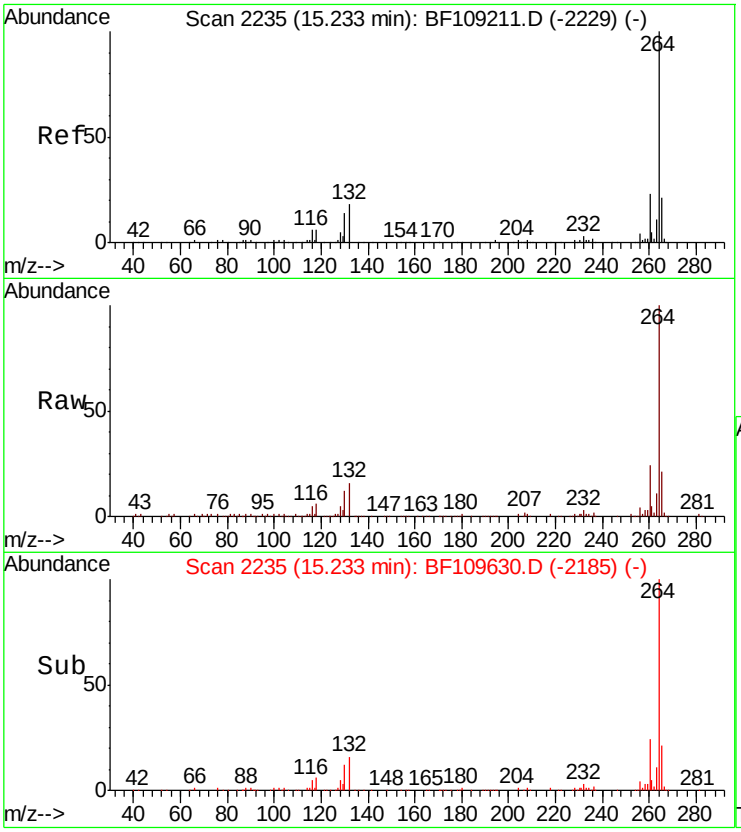


#82
Chrysene
Concen: 2.140 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:228 Resp: 28983

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.0	16.2	24.4

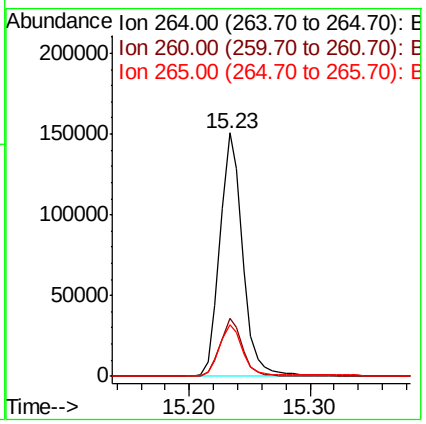




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

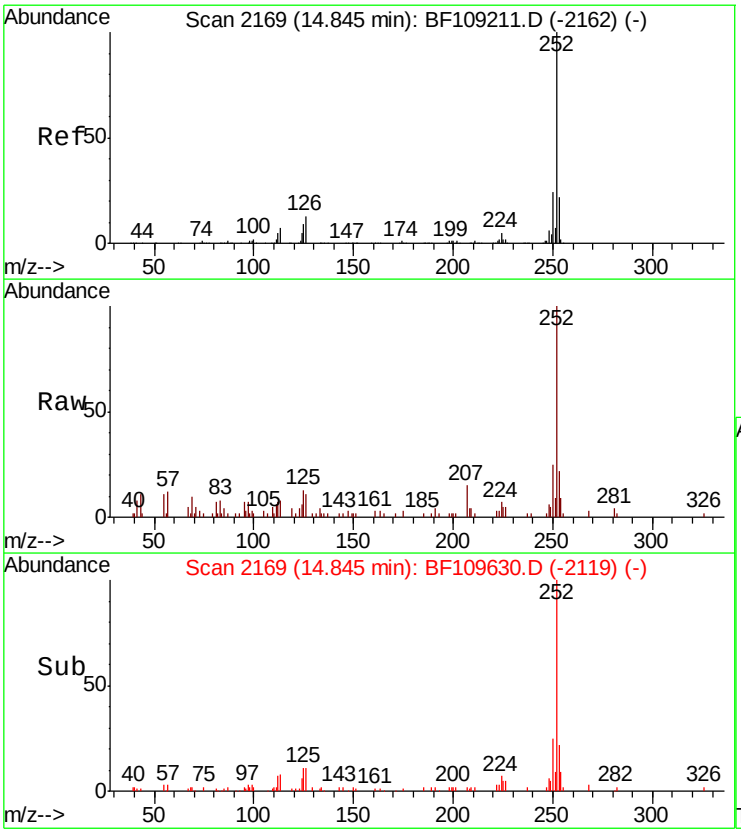
Tgt Ion:264 Resp: 197092

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

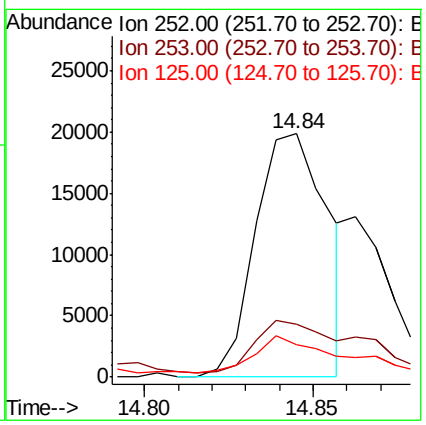
Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM

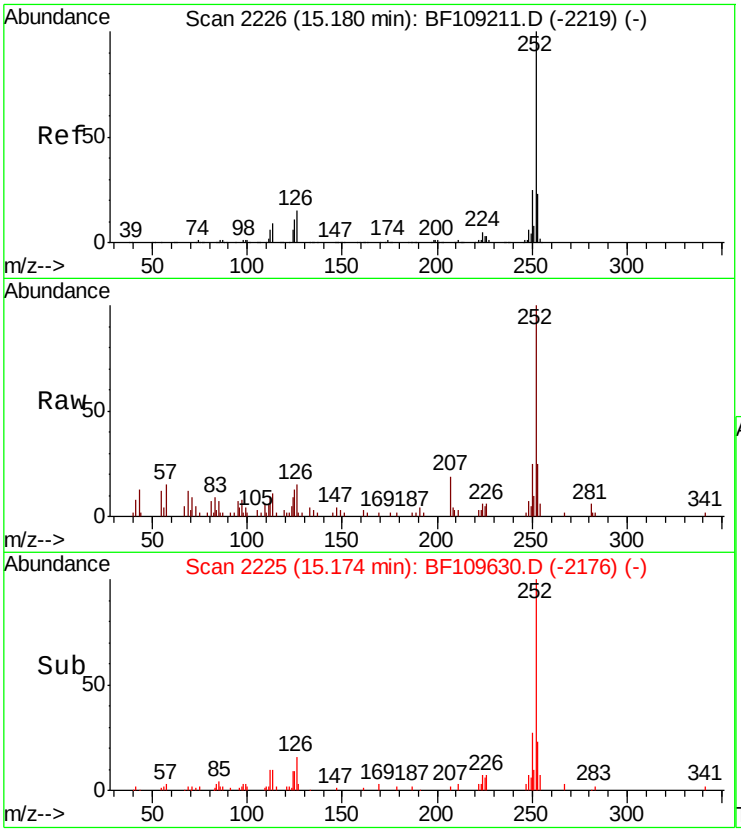


#87
Benzo(b)fluoranthene
Concen: 2.726 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:252 Resp: 29519

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	13.3	9.0	13.6

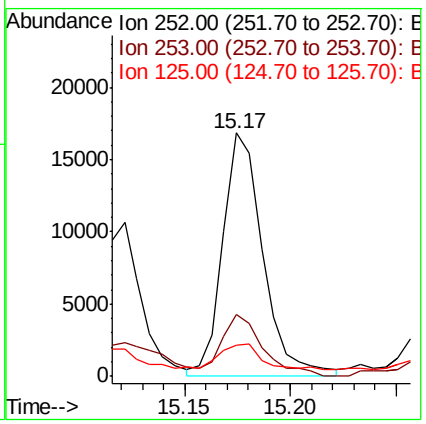




#89
Benzo(a)pyrene
Concen: 2.284 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109630.D
Acq: 6 Oct 2018 1:17

Tgt Ion:252 Resp: 22291

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	12.6	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
GRID18-COMP-100318

Manual Integrations APPROVED
Sohil
10/8/2018 12:21:44 PM