Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111115.D
Acq On : 5 Dec 2018 18:58
Operator : JU/SJ
Sample : J5764-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED
mohammad
12/6/2018 12:11:50 PM

Quant Time: Dec 06 01:18:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	578502	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2258448	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1008775	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1543379	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1092094	20.00	ng	0.00
87) Perylene-d12	15.39	264	807845	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1759246	47.45	ng	0.00
7) Phenol-d6	6.43	99	2300092	48.16	ng	0.00
23) Nitrobenzene-d5	7.36	82	1385070	36.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	366793	45.74	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2389351	35.47	ng	0.00
79) Terphenyl-d14	12.91	244	1683022	31.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	137825	2.647	ng	90
50) Dimethylphthalate	9.55	163	163723	2.332	ng	99
71) Phenanthrene	11.35	178	338558	4.560	ng	93
75) Fluoranthene	12.53	202	356988	4.914	ng	91
78) Pyrene	12.76	202	332690	3.910	ng	96
81) Benzo(a)anthracene	13.94	228	141768	2.216	ng	98
83) Chrysene	13.98	228	140219	2.207	ng	96
88) Benzo(b)fluoranthene	14.97	252	141338m	3.088	ng	
90) Benzo(a)pyrene	15.33	252	94194	2.243	ng	# 93

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

Quantitation Report (LSC Reviewed)

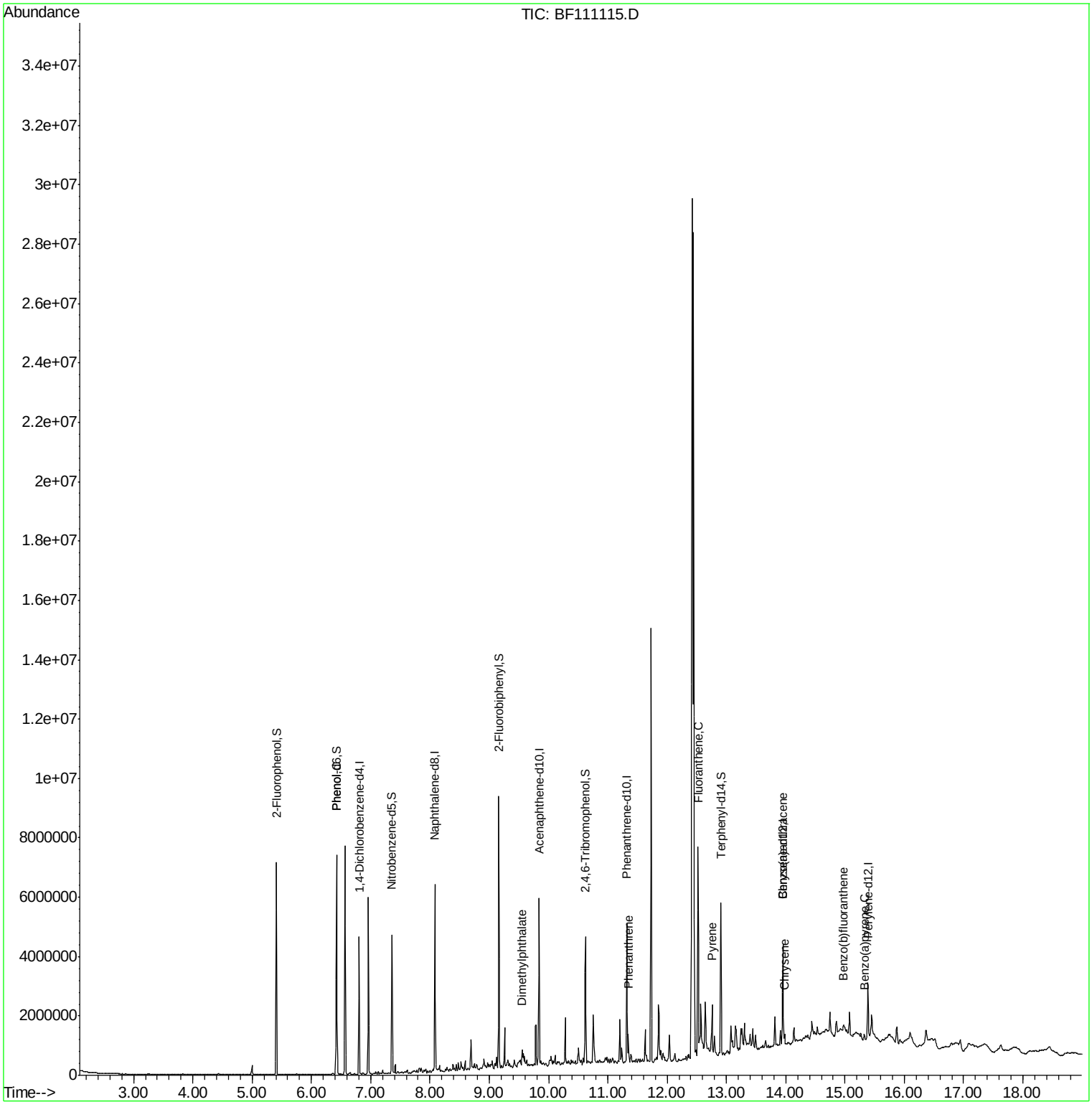
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111115.D
Acq On : 5 Dec 2018 18:58
Operator : JU/SJ
Sample : J5764-21 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

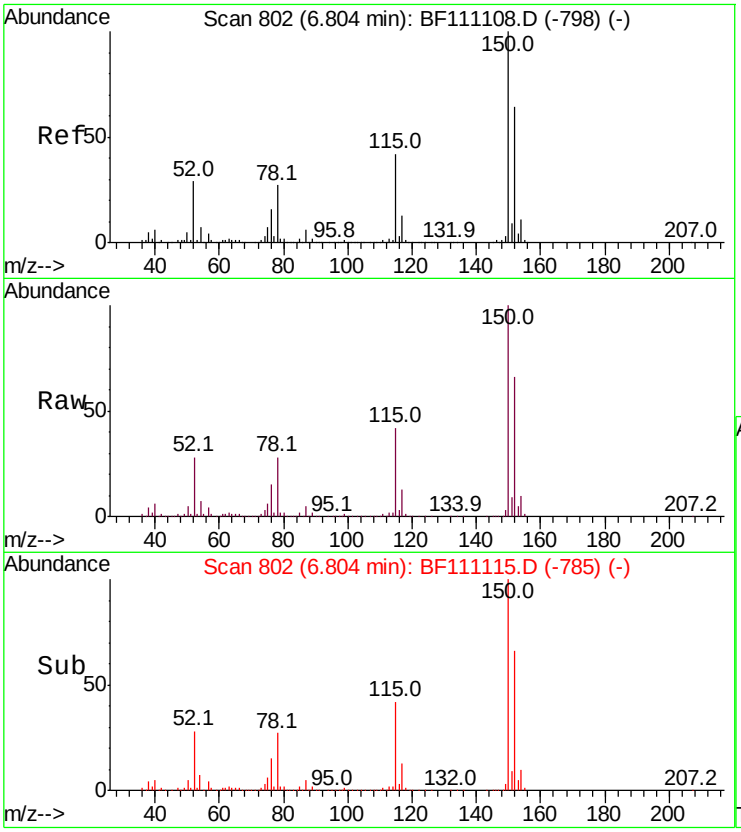
Quant Time: Dec 06 01:18:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

mohammad
12/6/2018 12:11:50 PM

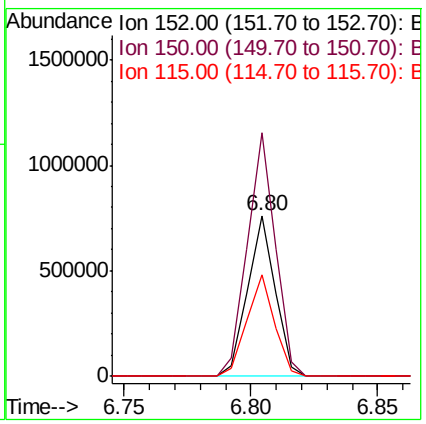




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:152 Resp: 578502

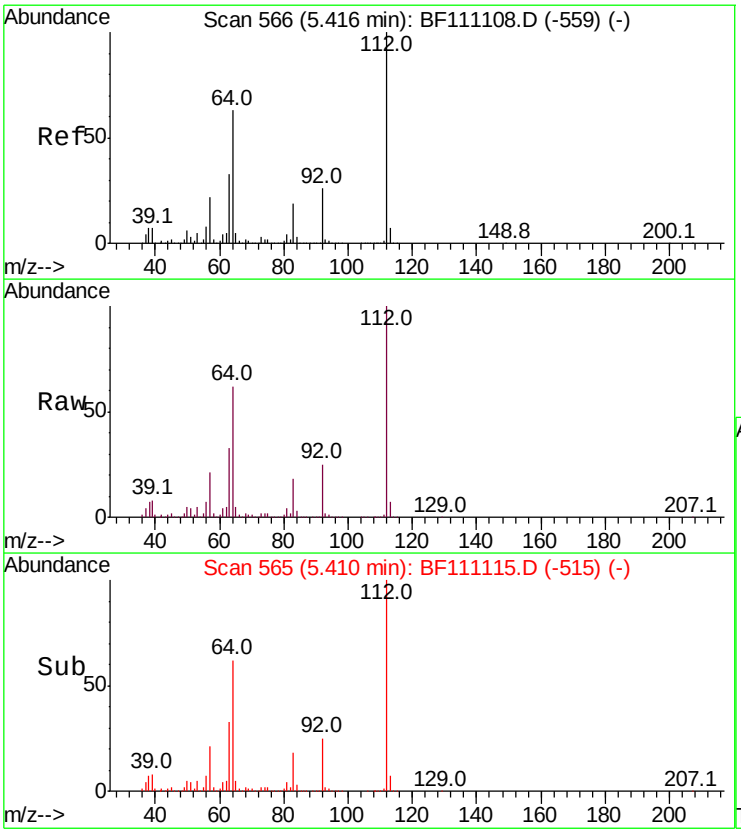
Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	187.0
115	63.2	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

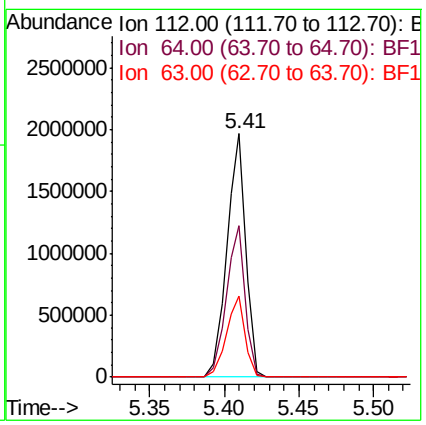
mohammad
12/6/2018 12:11:50 PM

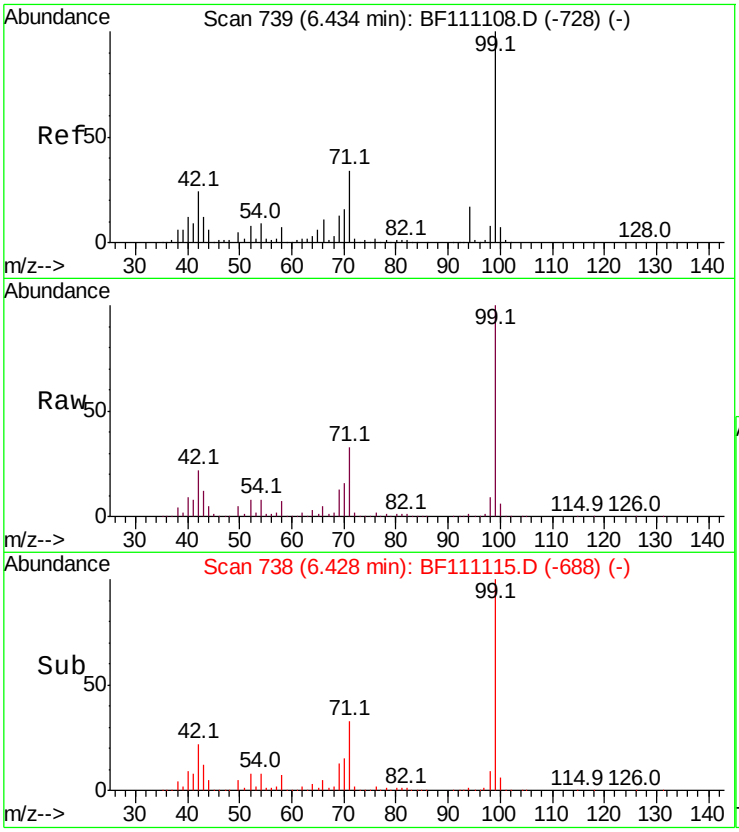


#5
2-Fluorophenol
Concen: 47.454 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:112 Resp: 1759246

Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.2	75.4
63	33.2	26.6	39.8

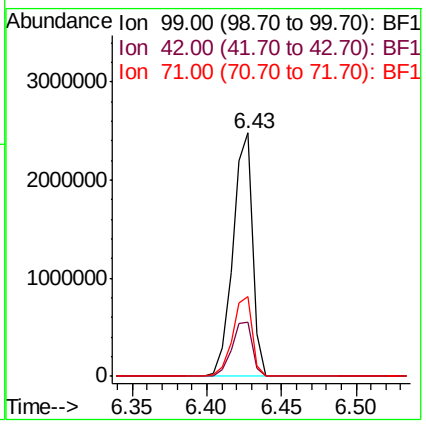




#7
Phenol-d6
Concen: 48.163 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion: 99 Resp: 2300092

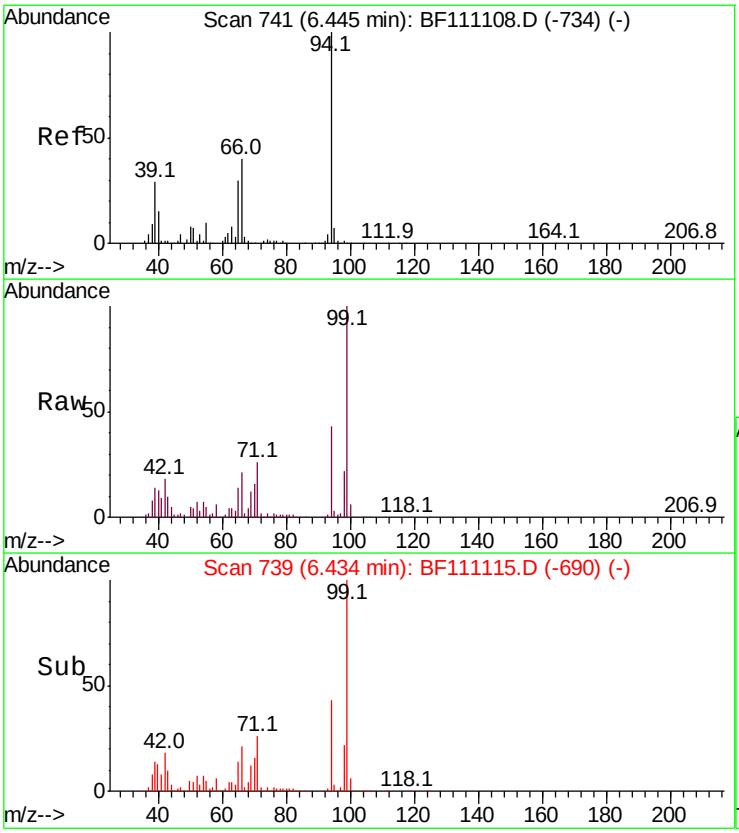
Ion	Ratio	Lower	Upper
99	100		
42	22.2	19.3	28.9
71	32.9	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

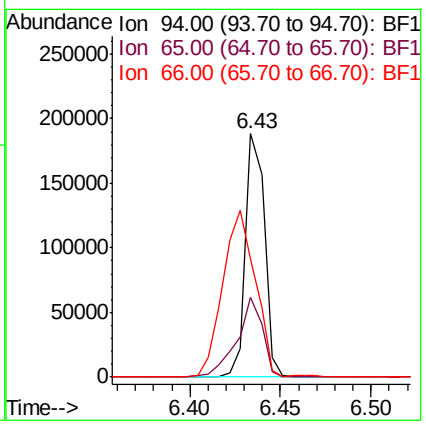
mohammad
12/6/2018 12:11:50 PM

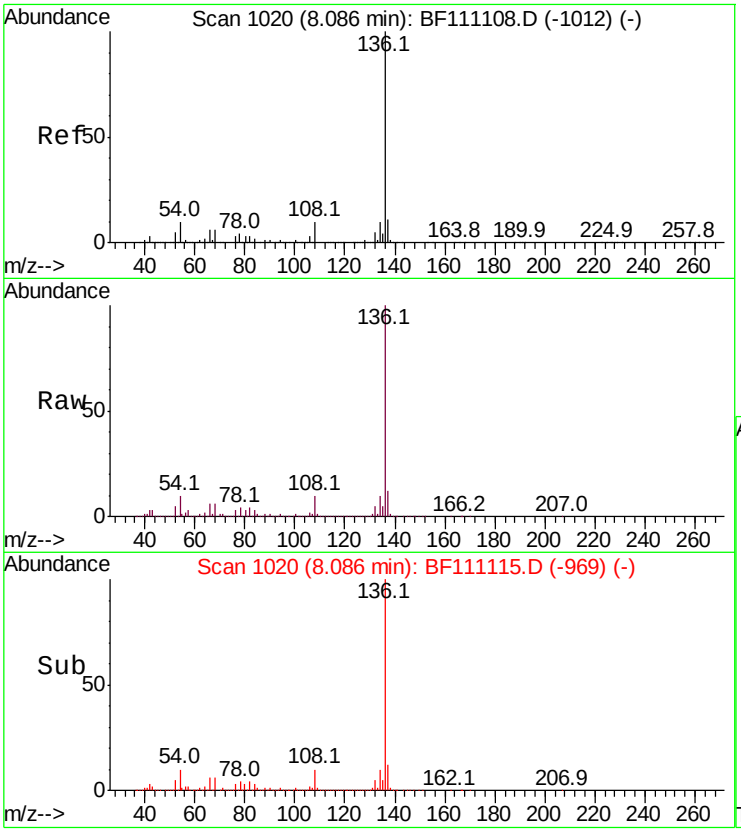


#10
Phenol
Concen: 2.647 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion: 94 Resp: 137825

Ion	Ratio	Lower	Upper
94	100		
65	32.6	10.5	50.5
66	48.6	19.8	59.8

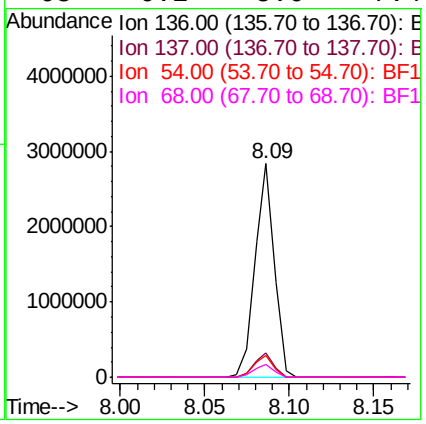




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:136 Resp: 2258448

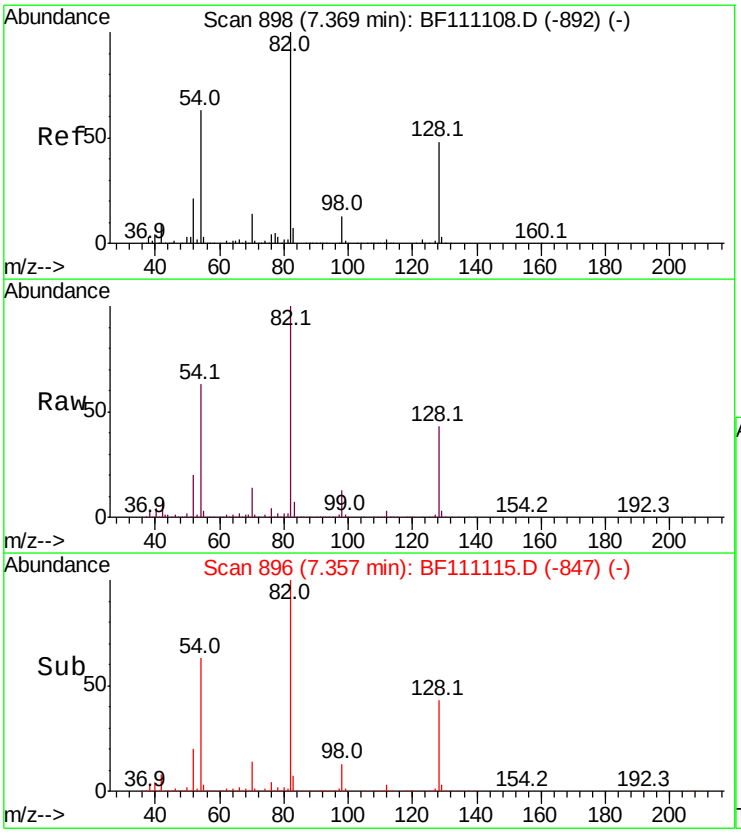
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	10.2	8.4	12.6
68	6.2	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

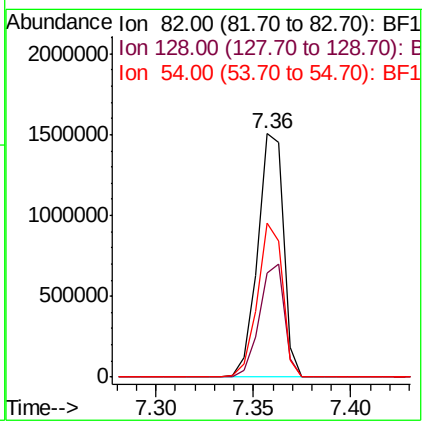
mohammad
12/6/2018 12:11:50 PM

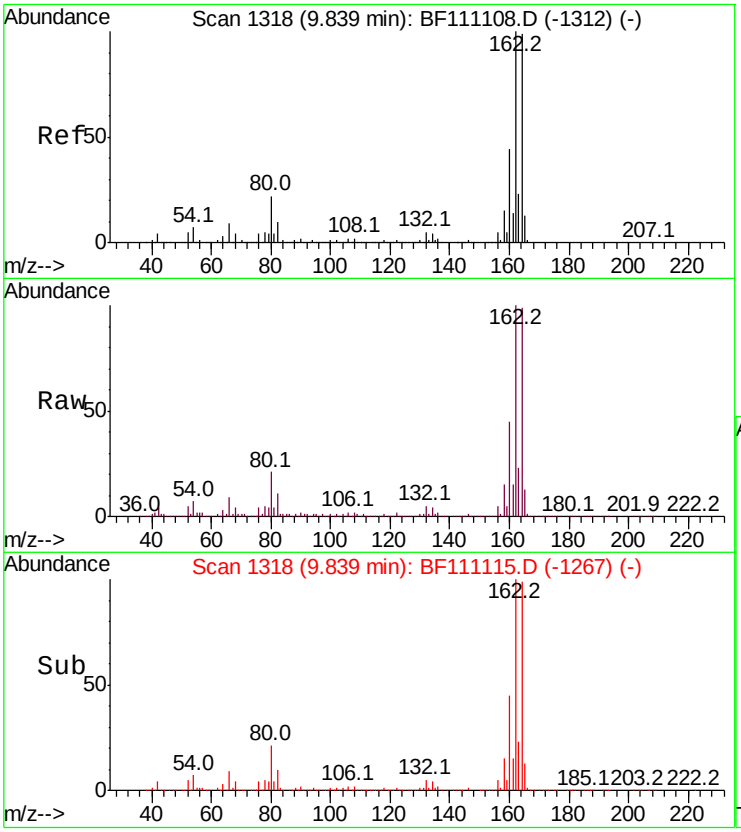


#23
Nitrobenzene-d5
Concen: 36.309 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion: 82 Resp: 1385070

Ion	Ratio	Lower	Upper
82	100		
128	42.9	38.1	57.1
54	63.2	50.3	75.5

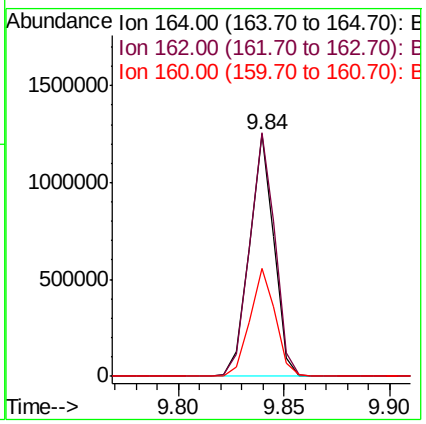




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:164 Resp: 1008775

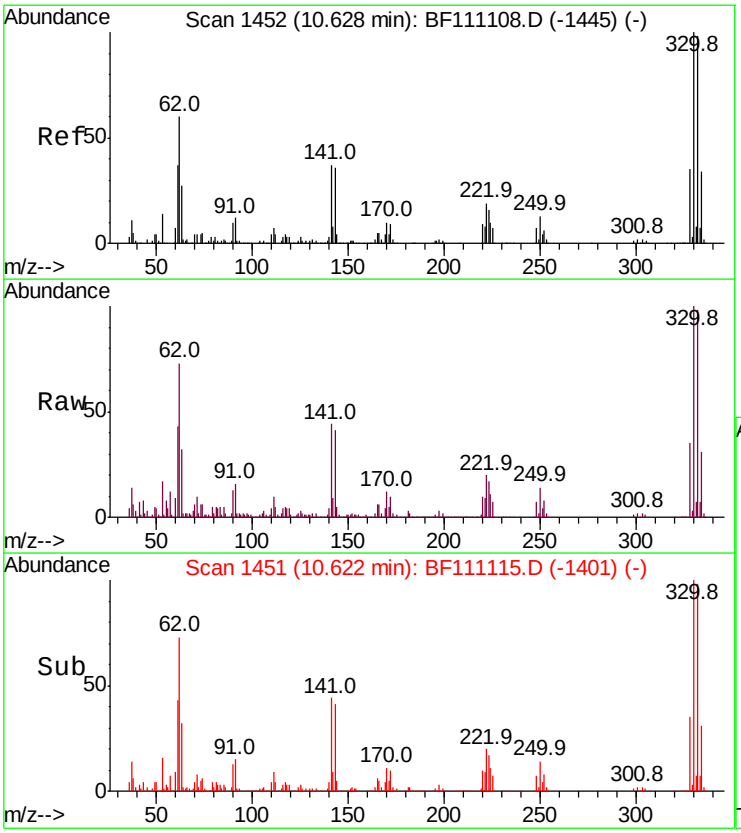
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.9	35.5	53.3



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

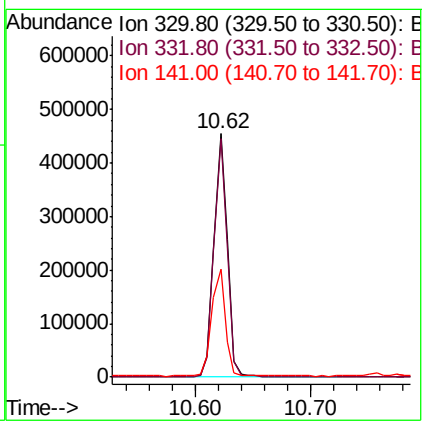
mohammad
12/6/2018 12:11:50 PM

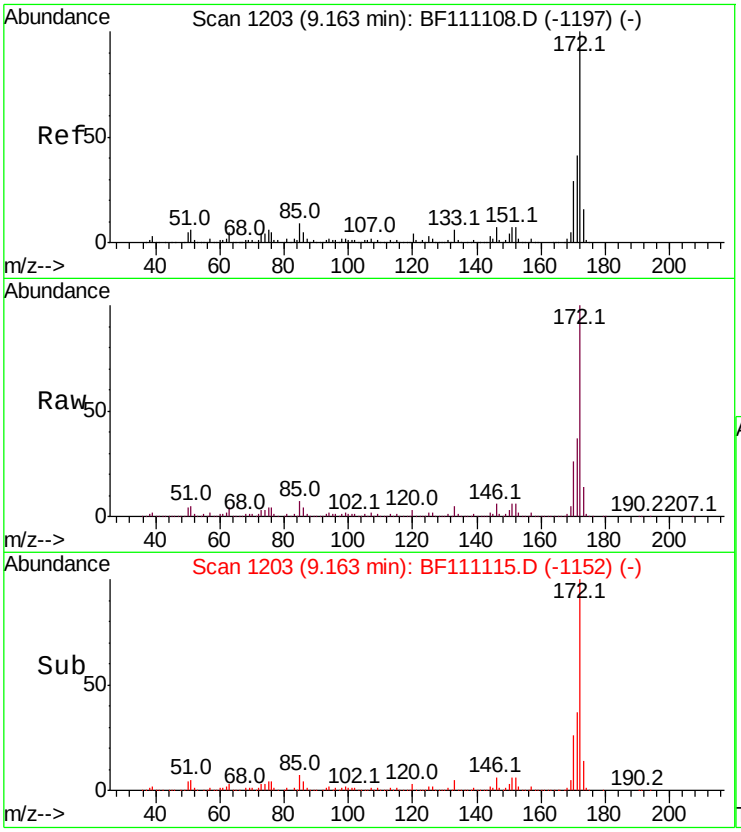


#42
2,4,6-Tribromophenol
Concen: 45.743 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:330 Resp: 366793

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	44.4	36.1	54.1

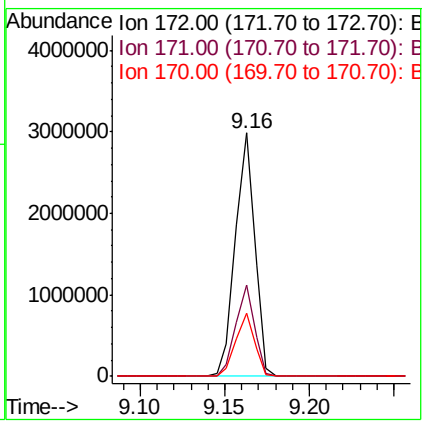




#45
2-Fluorobiphenyl
Concen: 35.467 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:172 Resp: 2389351

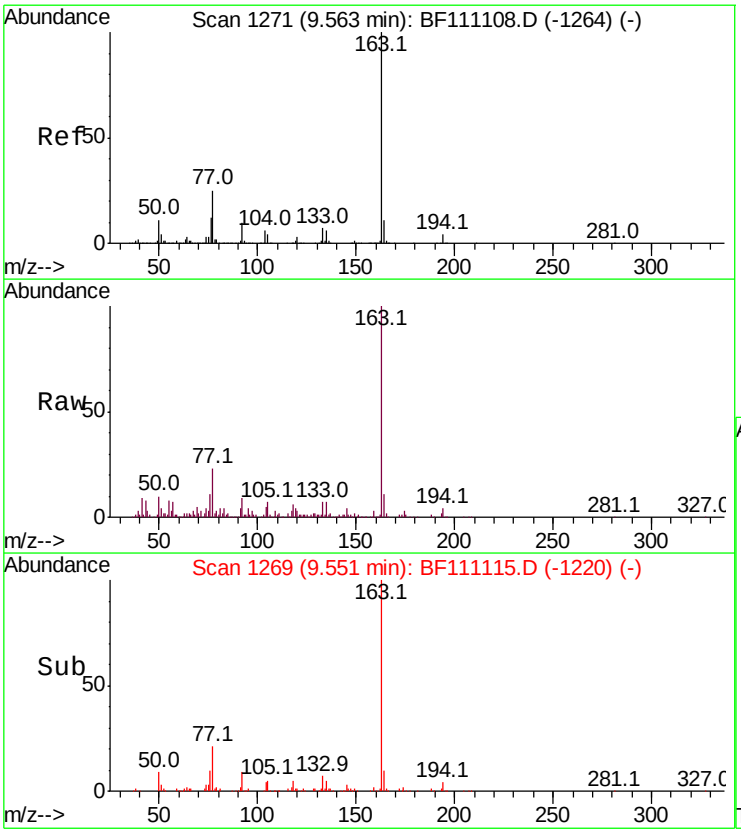
Ion	Ratio	Lower	Upper
172	100		
171	37.5	33.2	49.8
170	25.7	22.9	34.3



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

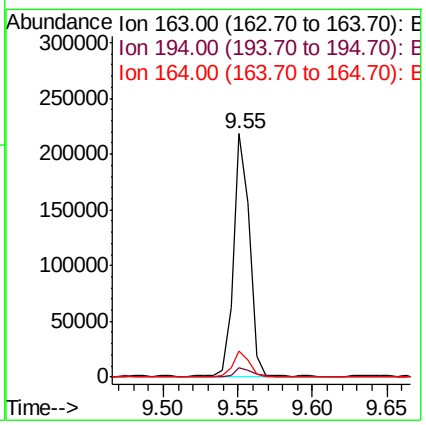
mohammad
12/6/2018 12:11:50 PM

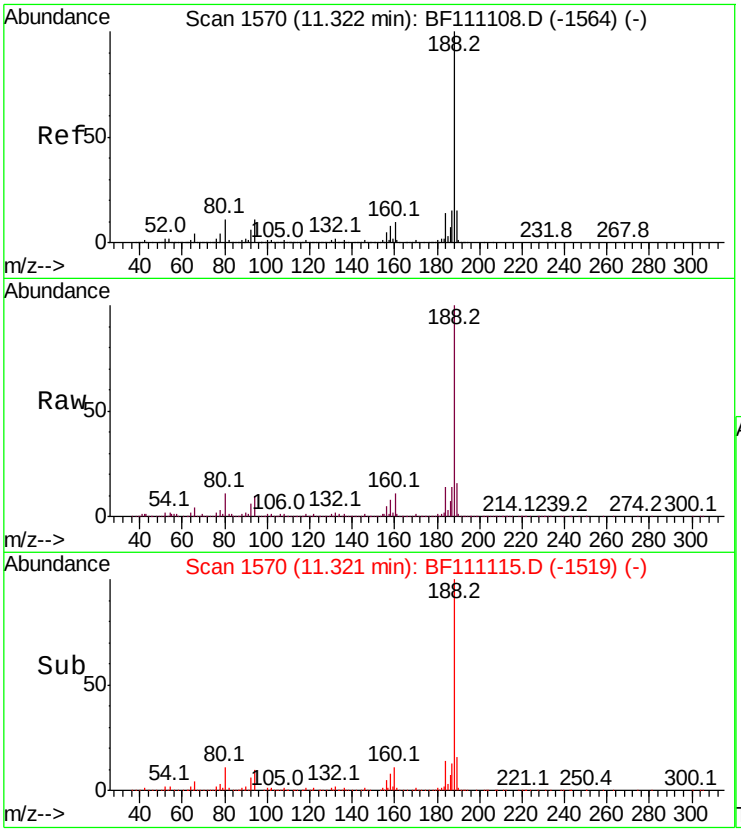


#50
Dimethylphthalate
Concen: 2.332 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:163 Resp: 163723

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.6	8.9	13.3

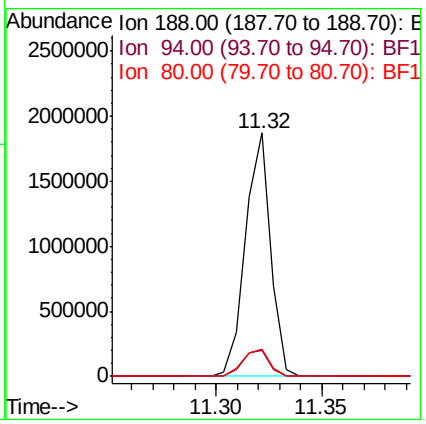




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

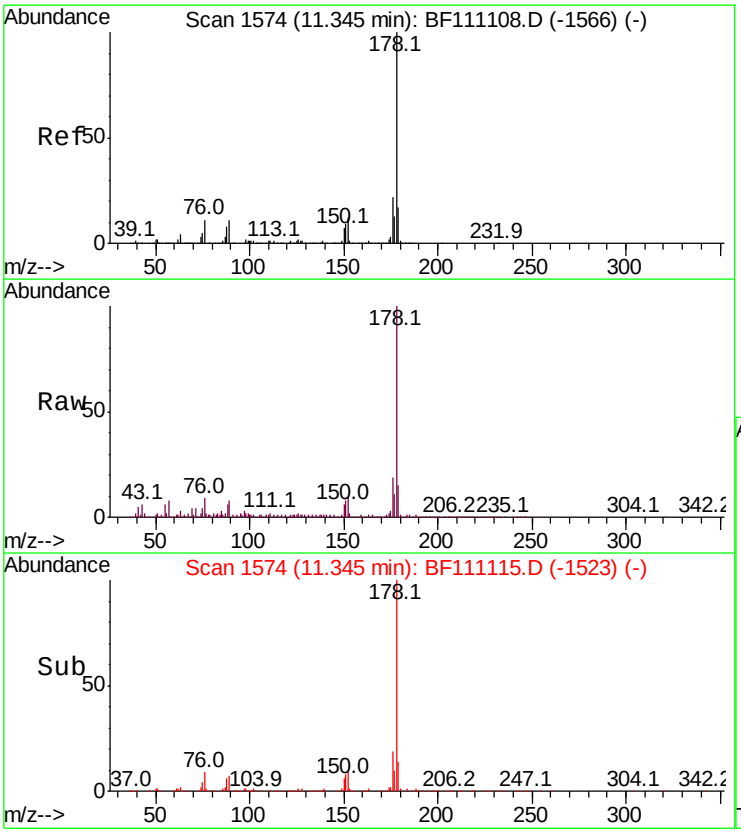
Tgt Ion:188 Resp: 1543379

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

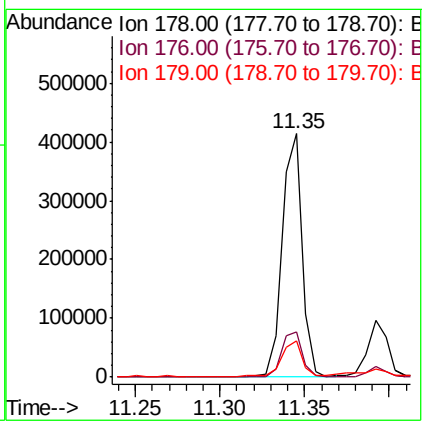
Manual Integrations APPROVED
mohammad
12/6/2018 12:11:50 PM

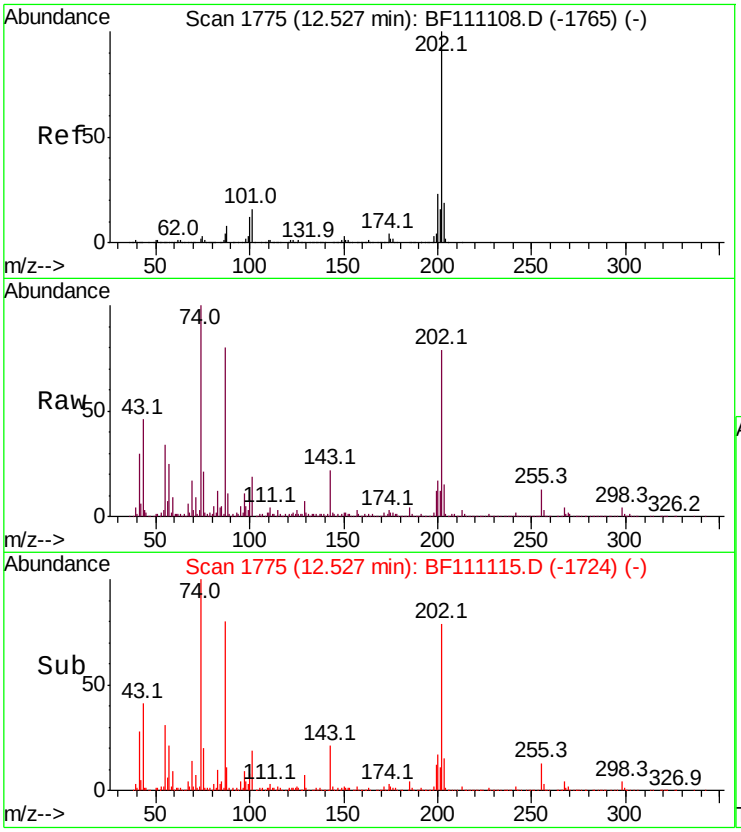


#71
Phenanthrene
Concen: 4.560 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:178 Resp: 338558

Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.7	26.5
179	15.0	14.0	21.0

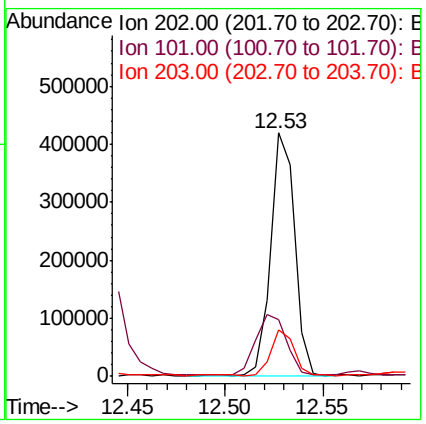




#75
Fluoranthene
Concen: 4.914 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:202 Resp: 356988

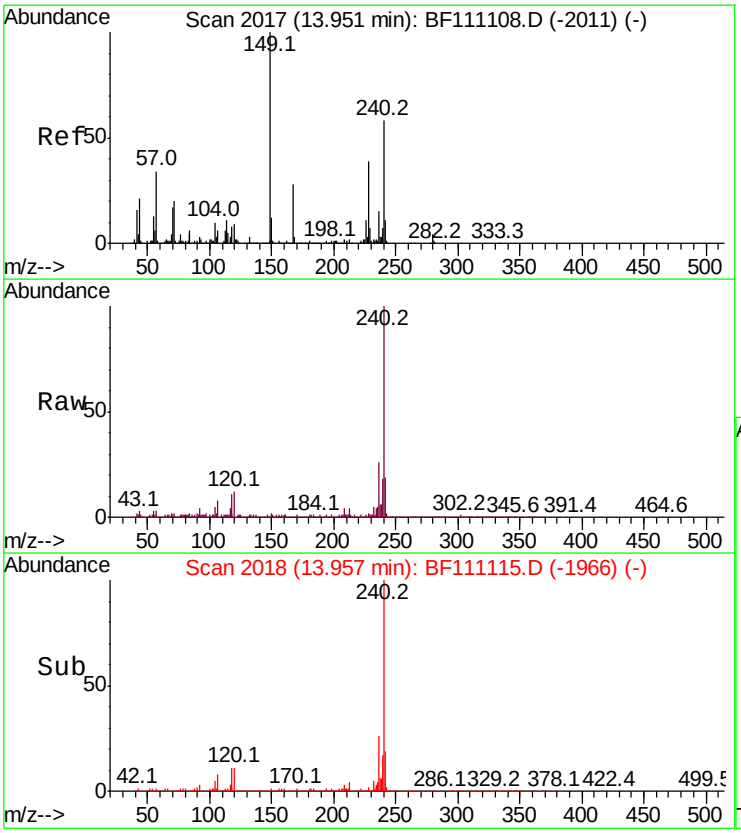
Ion	Ratio	Lower	Upper
202	100		
101	23.5	0.0	35.8
203	18.9	0.0	38.6



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

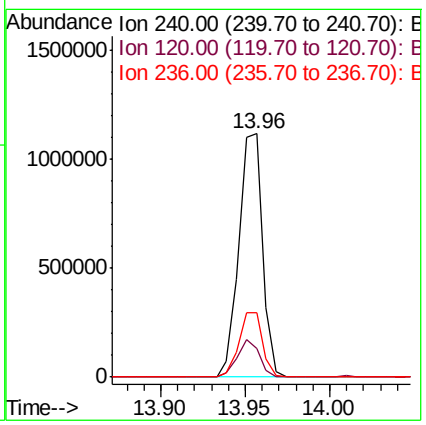
mohammad
12/6/2018 12:11:50 PM

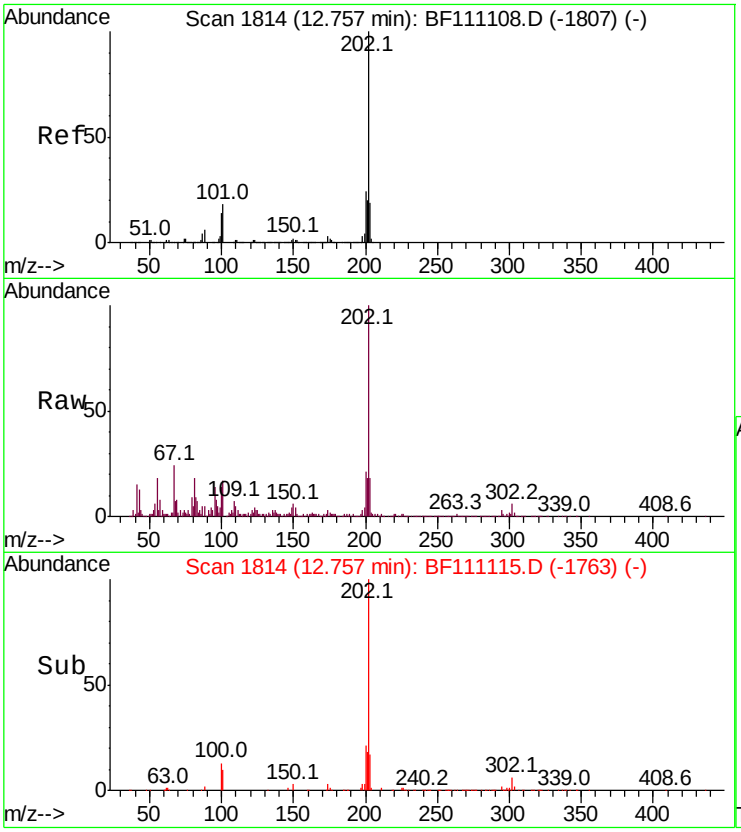


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:240 Resp: 1092094

Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.8	19.2#
236	26.2	21.1	31.7

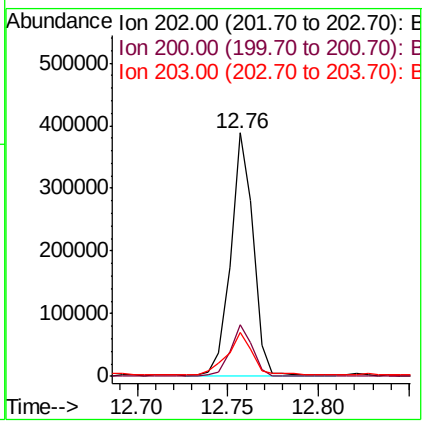




#78
Pyrene
Concen: 3.910 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

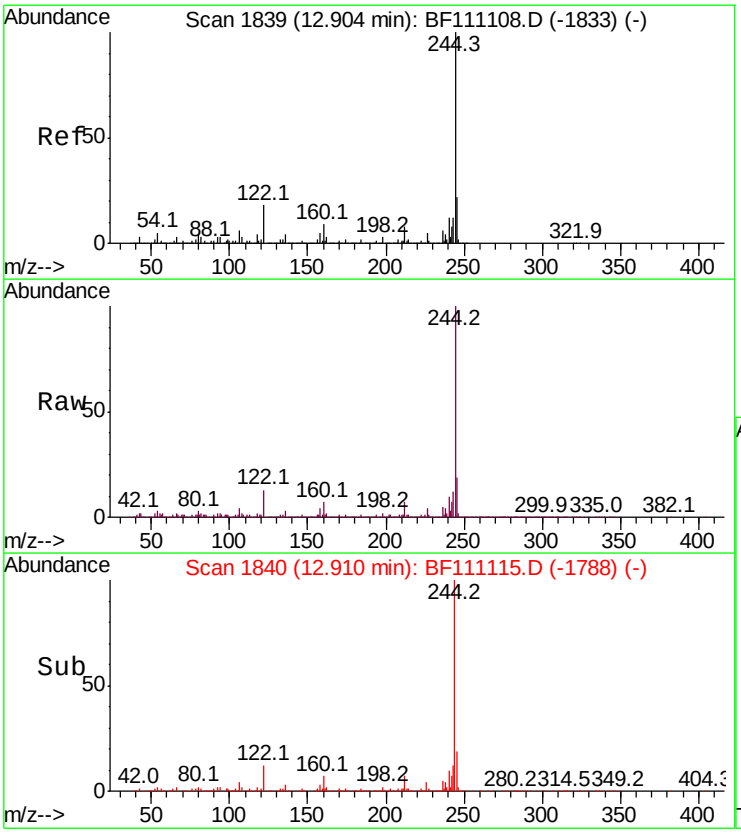
Tgt Ion:202 Resp: 332690

Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.3	28.9
203	18.0	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

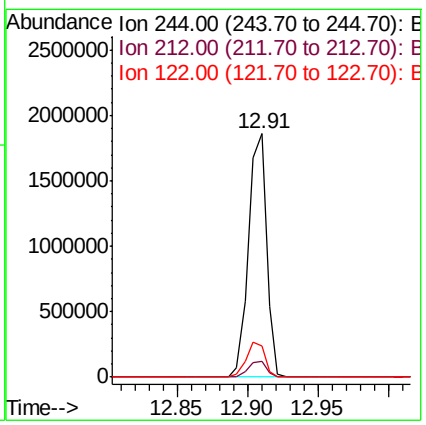
Manual Integrations APPROVED
mohammad
12/6/2018 12:11:50 PM

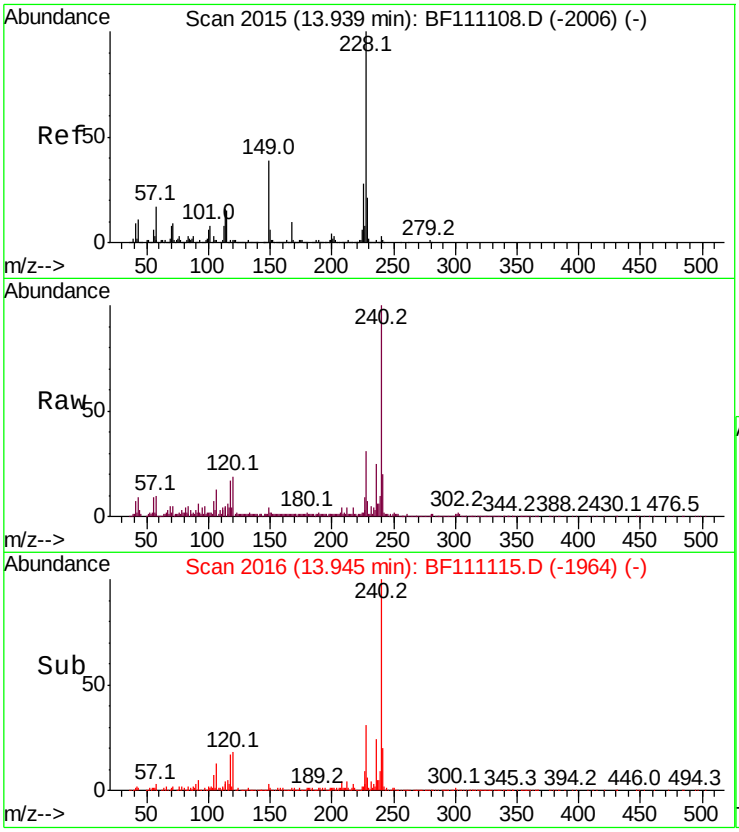


#79
Terphenyl-d14
Concen: 31.562 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:244 Resp: 1683022

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	9.8
122	12.7	14.2	21.2#

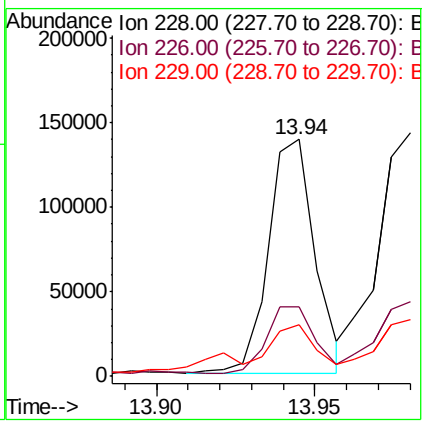




#81
Benzo(a)anthracene
Concen: 2.216 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:228 Resp: 141768

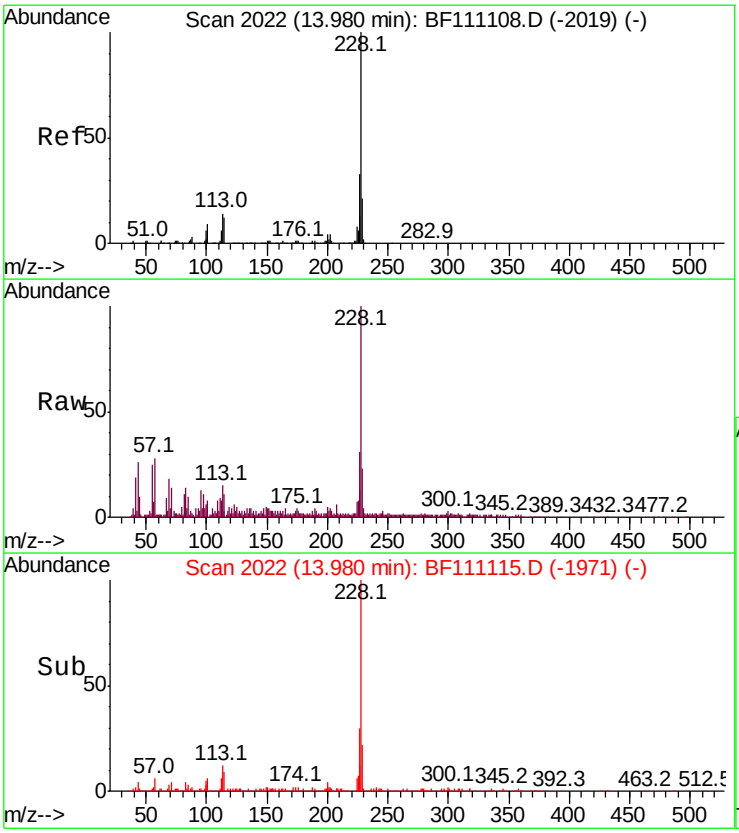
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	21.6	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

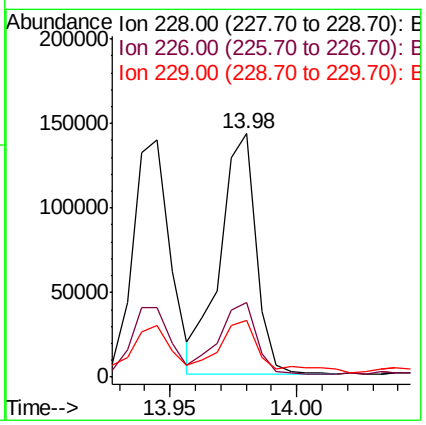
mohammad
12/6/2018 12:11:50 PM

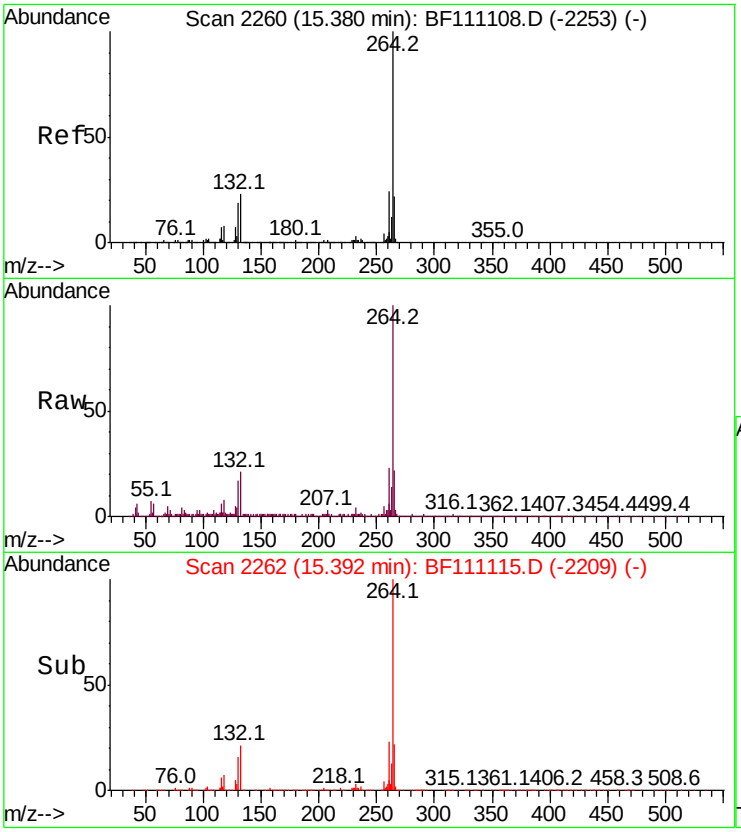


#83
Chrysene
Concen: 2.207 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:228 Resp: 140219

Ion	Ratio	Lower	Upper
228	100		
226	30.6	26.2	39.2
229	23.1	16.9	25.3

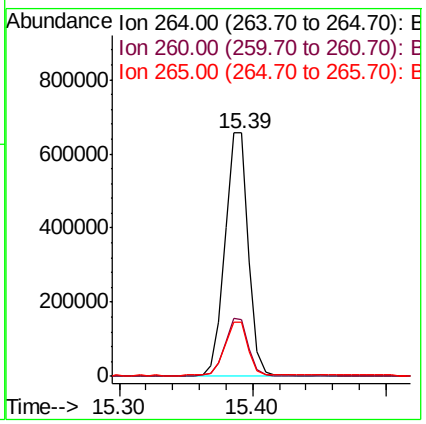




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:264 Resp: 807845

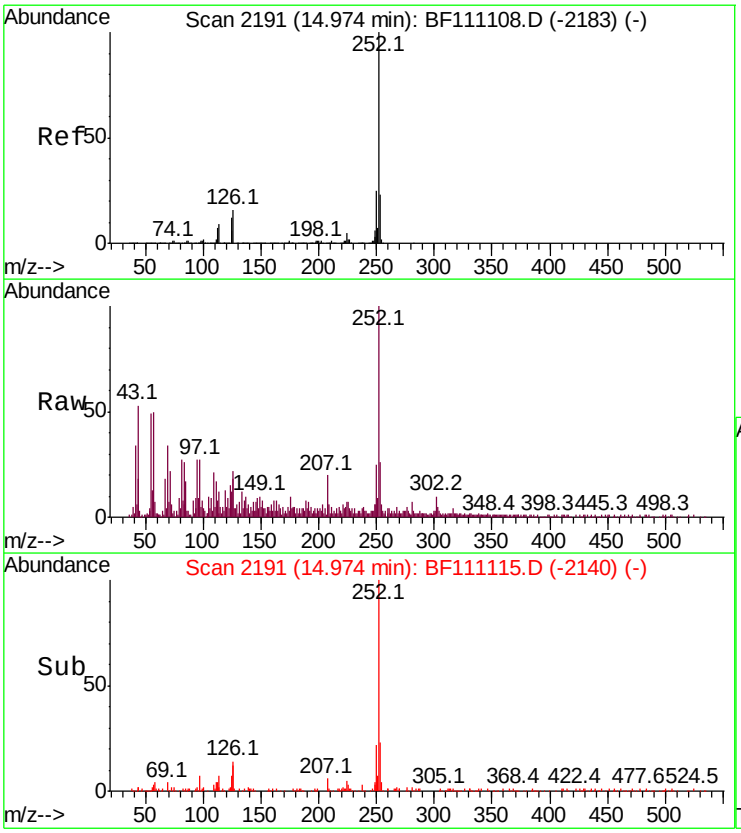
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	22.4	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

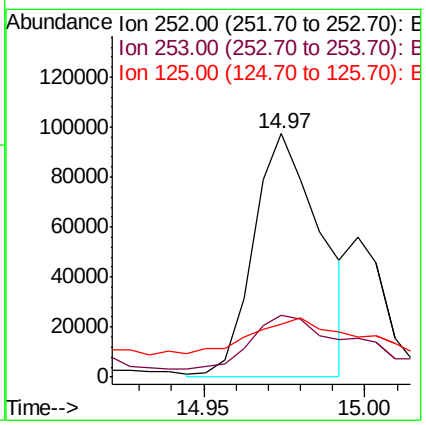
mohammad
12/6/2018 12:11:50 PM

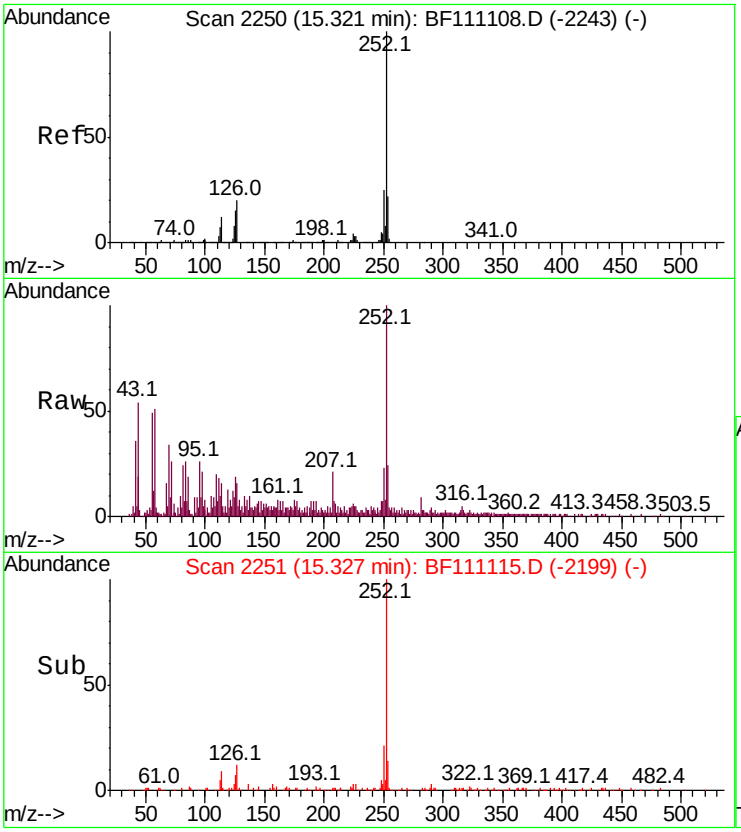


#88
Benzo(b)fluoranthene
Concen: 3.088 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:252 Resp: 141338

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.5	27.7
125	22.0	9.9	14.9#

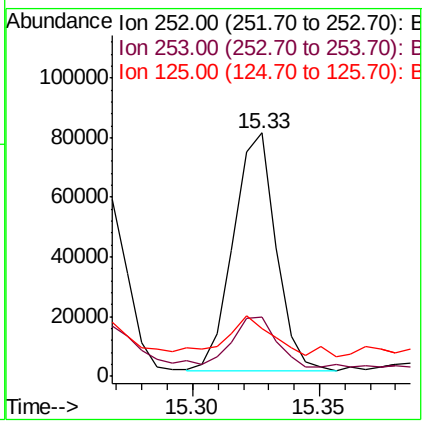




#90
Benzo(a)pyrene
Concen: 2.243 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111115.D
Acq: 5 Dec 2018 18:58

Tgt Ion:252 Resp: 94194

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	19.5	12.4	18.6#



Instrument :
BNA_F
ClientSampleId :
JC-02-113018-A

Manual Integrations APPROVED

mohammad
12/6/2018 12:11:50 PM