Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017562.D
Acq On : 9 Jun 2015 6:37
Operator : TP/IZ
Sample : G2450-32 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

Quant Time: Jun 09 07:18:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	22791	20.00	ng		-0.01
21) Naphthalene-d8	10.40	136	94154	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	59031	20.00	ng		-0.02
63) Phenanthrene-d10	17.02	188	124621	20.00	ng		-0.02
75) Chrysene-d12	21.22	240	140501	20.00	ng		-0.02
86) Perylene-d12	23.45	264	143060	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	75291	58.20	ng		0.00
7) Phenol-d6	6.82	99	98392	55.83	ng		0.00
23) Nitrobenzene-d5	8.77	82	77600	41.14	ng		0.00
41) 2,4,6-Tribromophenol	15.77	330	42965	52.40	ng		-0.01
44) 2-Fluorobiphenyl	12.89	172	164751	42.10	ng		-0.01
78) Terphenyl-d14	19.66	244	242574	35.68	ng		-0.02
Target Compounds							Qvalue
70) Phenanthrene	17.06	178	36579	5.26	ng		97
74) Fluoranthene	19.09	202	64682	7.12	ng		99
77) Pyrene	19.45	202	57703	6.67	ng		95
80) Benzo(a)anthracene	21.20	228	33937m	3.93	ng		
82) Chrysene	21.25	228	37456m	4.79	ng		
85) Indeno(1,2,3-cd)pyrene	25.71	276	21285	2.17	ng	#	60
87) Benzo(b)fluoranthene	22.78	252	46496	5.13	ng		92
88) Benzo(k)fluoranthene	22.82	252	17849m	2.06	ng		
89) Benzo(a)pyrene	23.35	252	31178	3.75	ng	#	89
91) Benzo(g,h,i)perylene	26.41	276	19295	2.35	ng		94

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

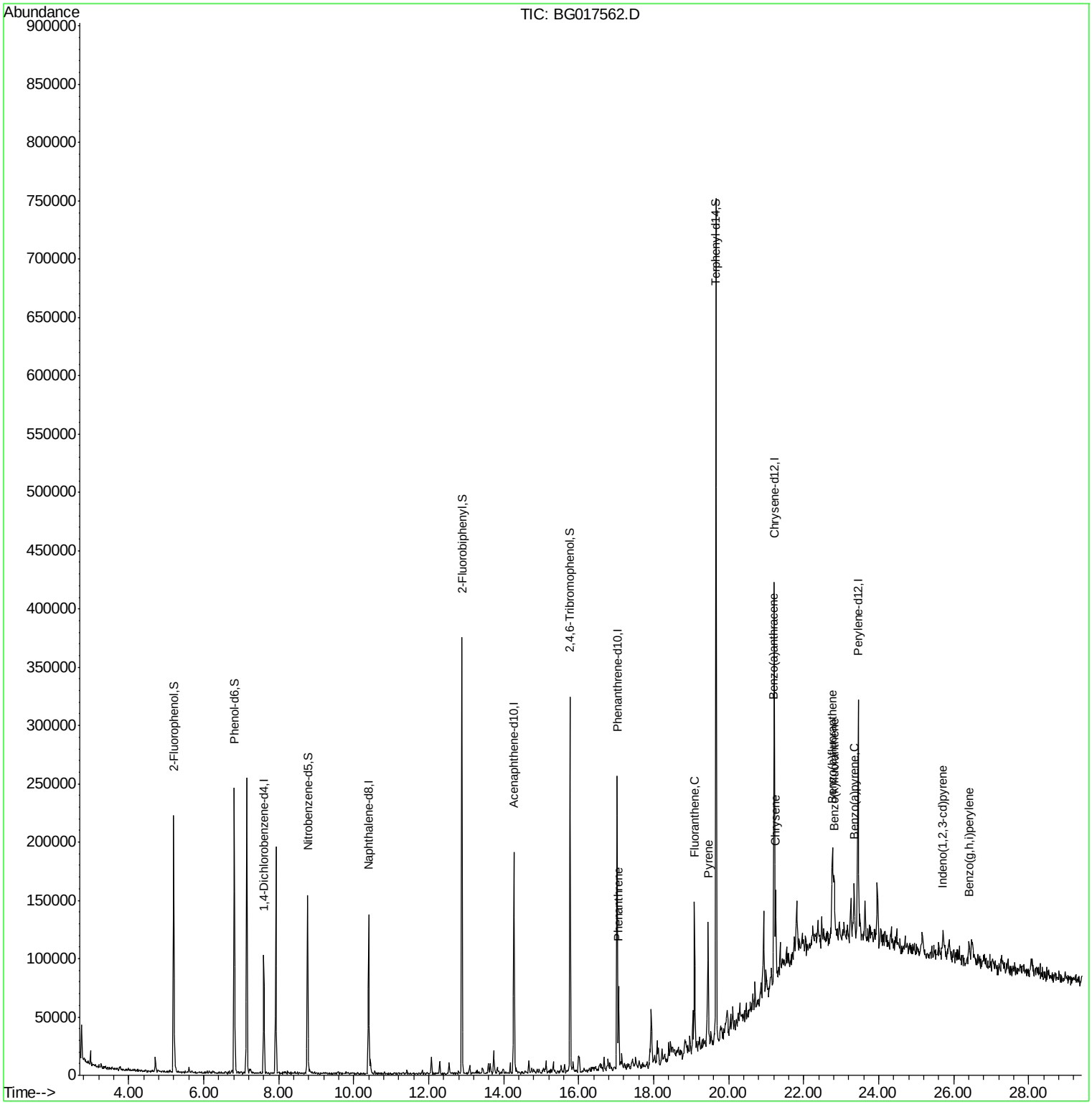
Quantitation Report (LSC Reviewed)

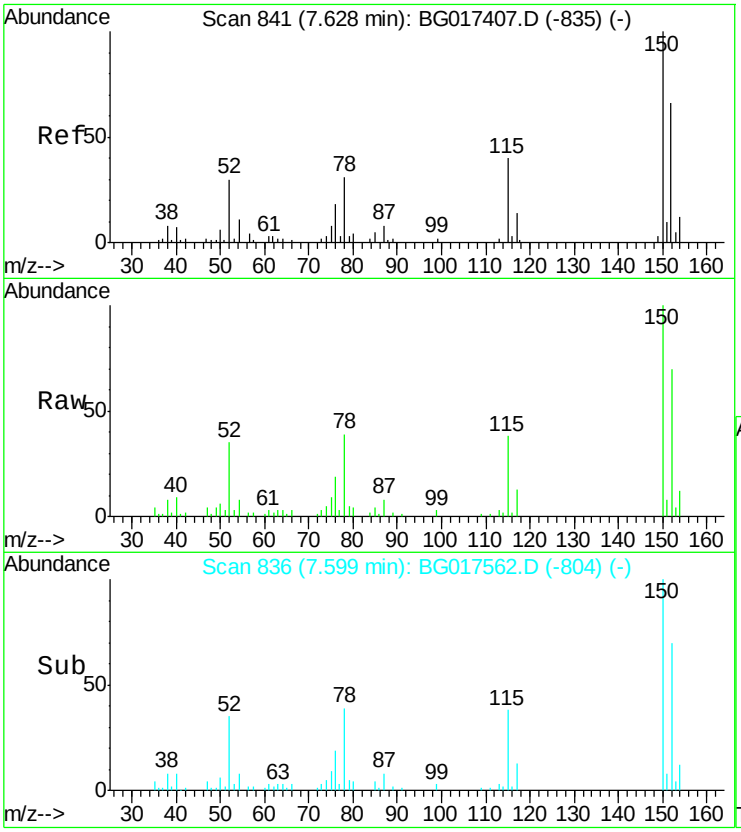
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017562.D
Acq On : 9 Jun 2015 6:37
Operator : TP/IZ
Sample : G2450-32 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 09 07:18:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

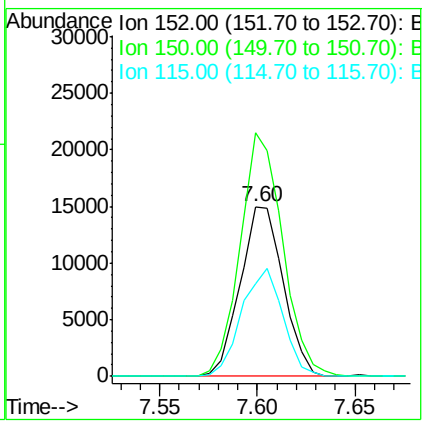




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

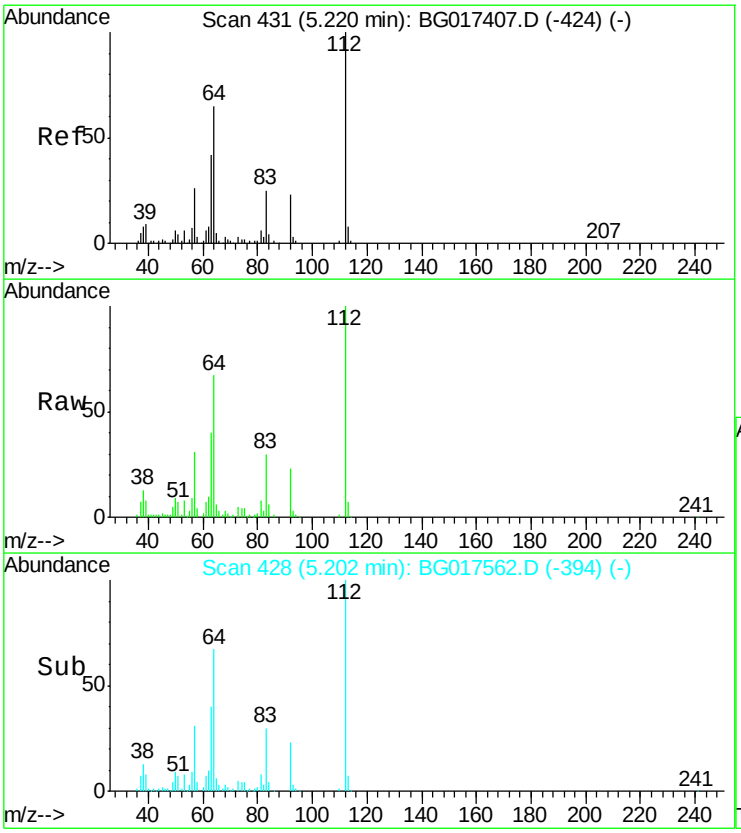
Tgt Ion:152 Resp: 22791

Ion	Ratio	Lower	Upper
152	100		
150	143.5	121.7	182.5
115	54.7	48.6	73.0



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

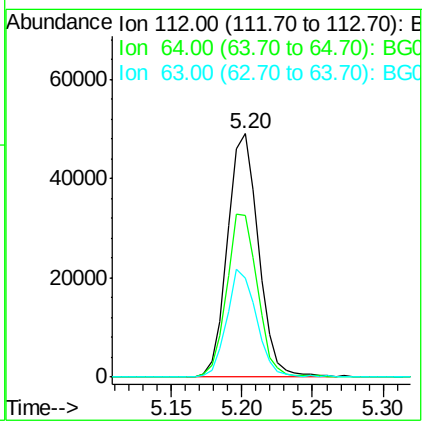
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

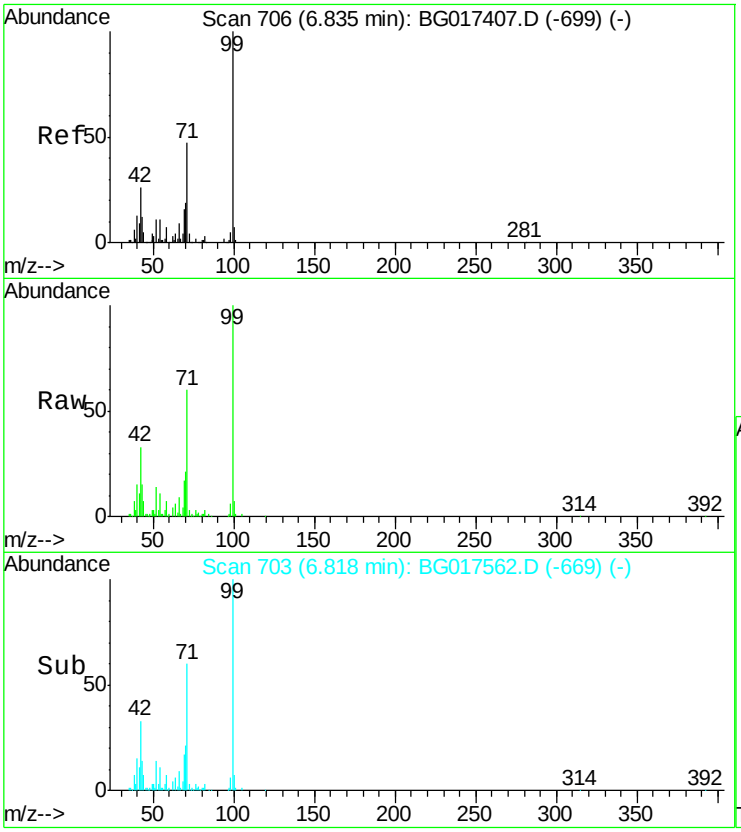


#5
2-Fluorophenol
Concen: 58.20 ng
RT: 5.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:112 Resp: 75291

Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.6	77.4
63	40.5	33.3	49.9





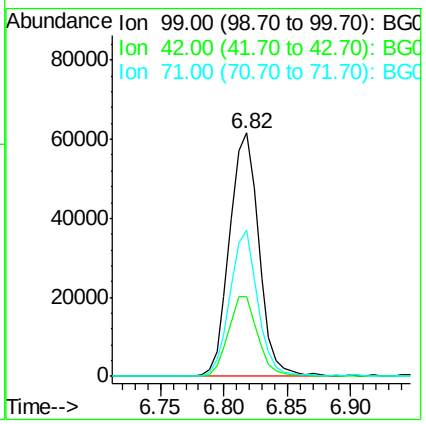
#7
Phenol-d6
Concen: 55.83 ng
RT: 6.82 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

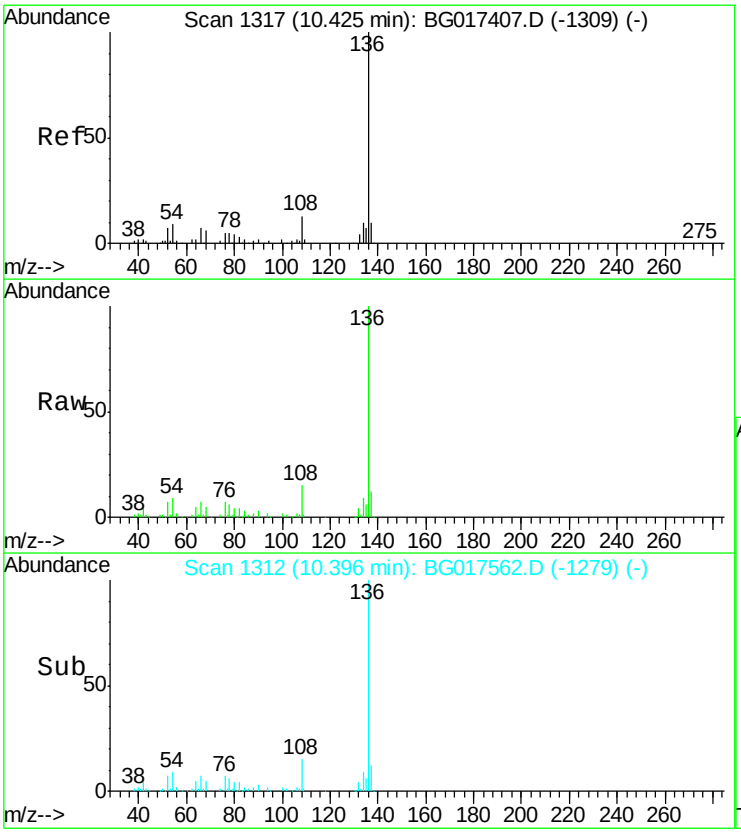
Tgt Ion: 99 Resp: 98392

Ion	Ratio	Lower	Upper
99	100		
42	32.6	21.0	31.6#
71	60.3	37.2	55.8#

Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

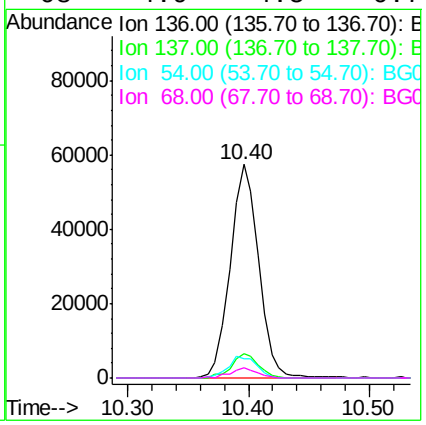


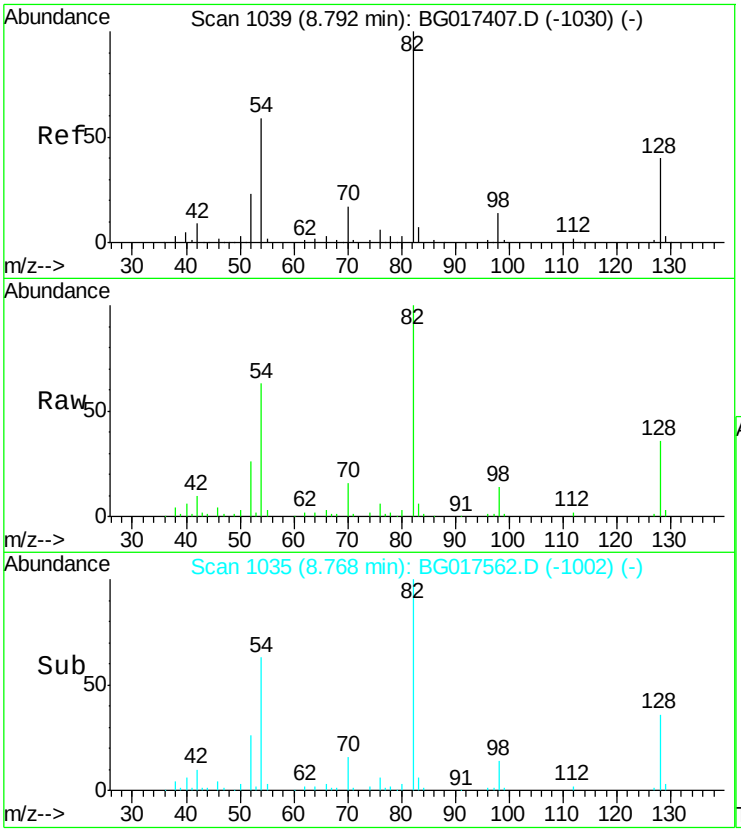


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.40 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:136 Resp: 94154

Ion	Ratio	Lower	Upper
136	100		
137	11.7	7.9	11.9
54	9.0	7.2	10.8
68	4.9	4.5	6.7

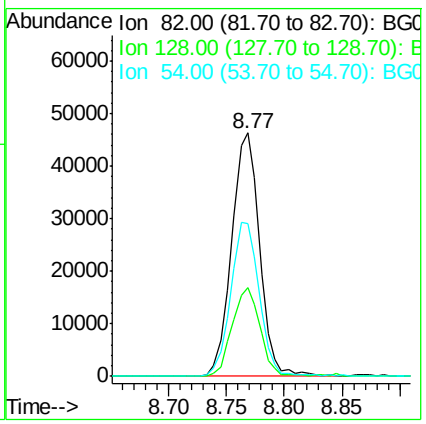




#23
Nitrobenzene-d5
Concen: 41.14 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

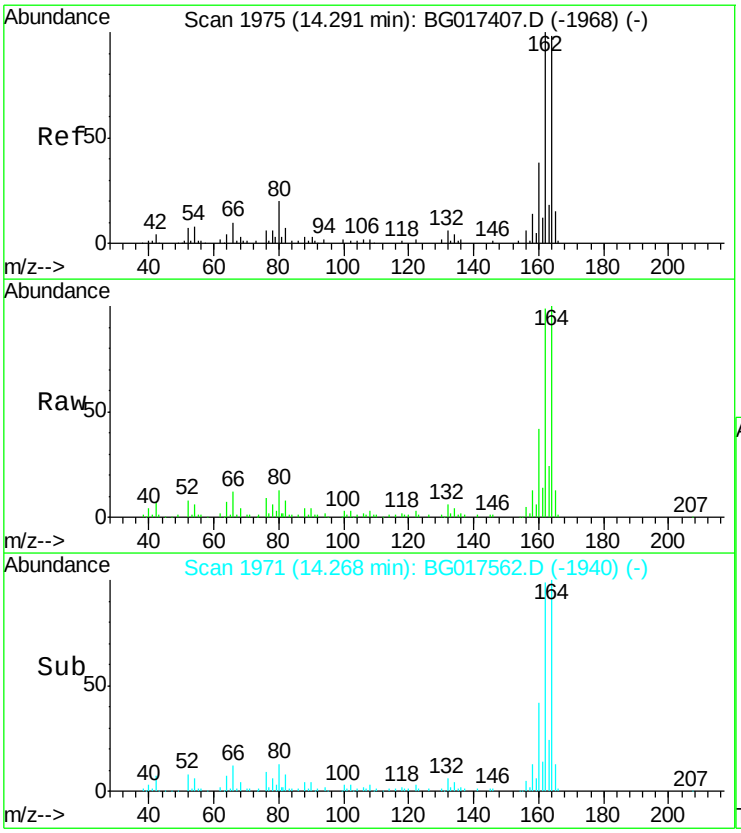
Tgt Ion: 82 Resp: 77600

Ion	Ratio	Lower	Upper
82	100		
128	36.4	32.2	48.4
54	62.8	47.4	71.2



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

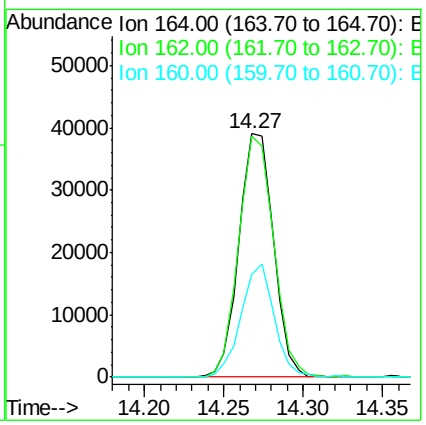
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

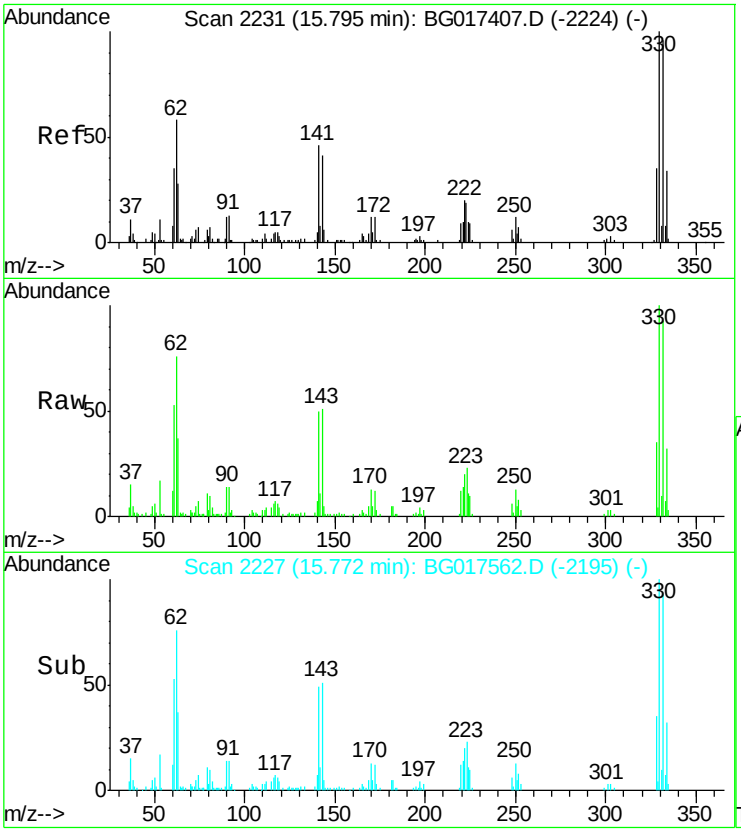


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:164 Resp: 59031

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.8	122.6
160	42.3	31.0	46.4

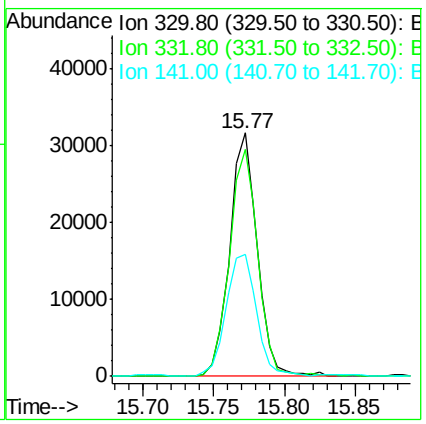




#41
2,4,6-Tribromophenol
Concen: 52.40 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

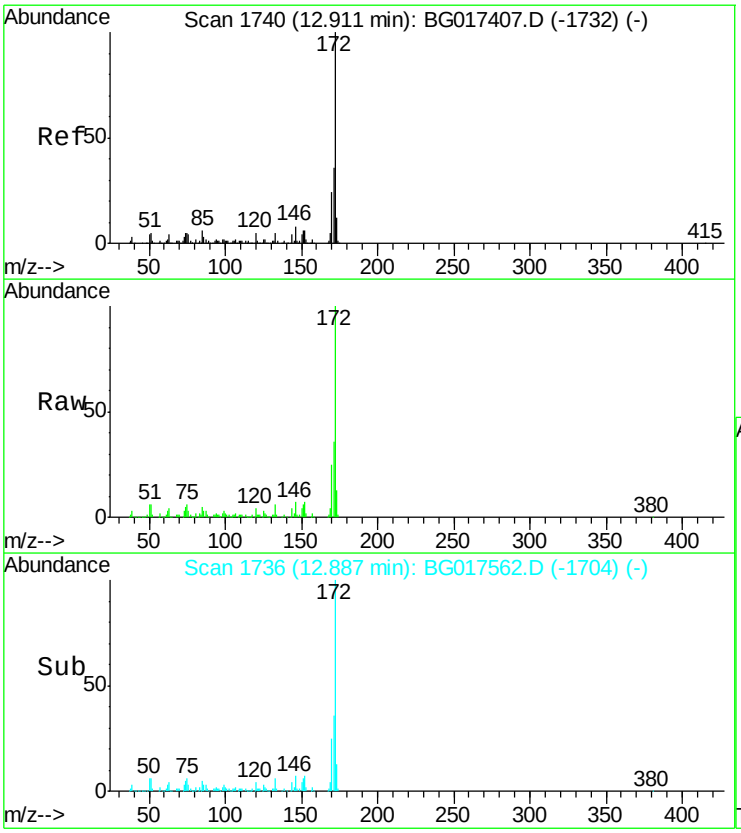
Tgt Ion:330 Resp: 42965

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	55.3	40.2	60.4



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

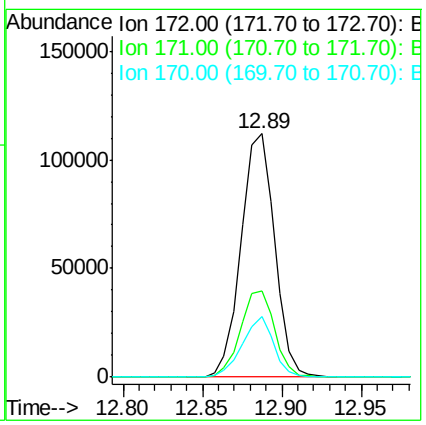
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

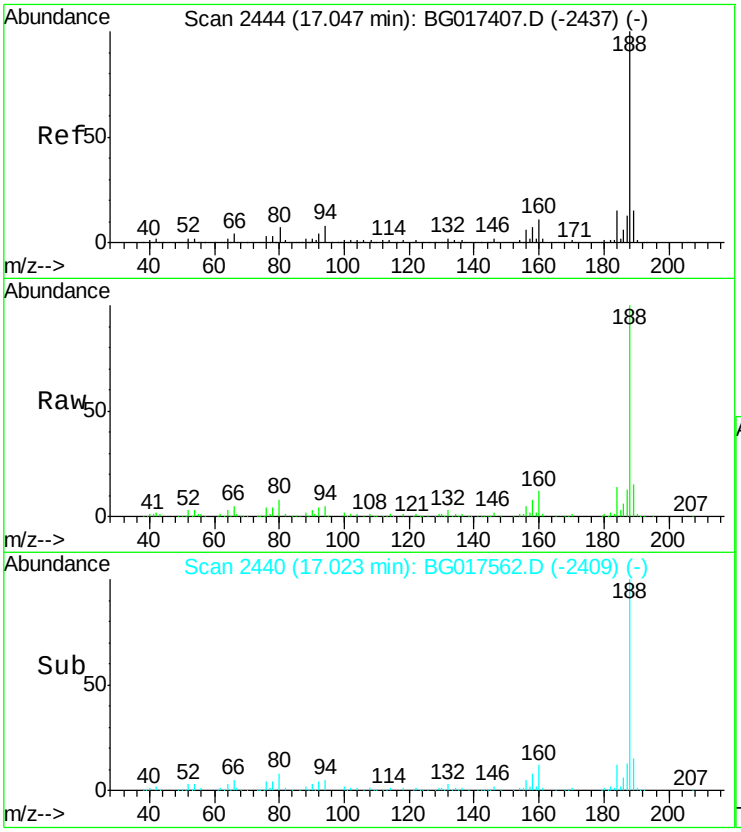


#44
2-Fluorobiphenyl
Concen: 42.10 ng
RT: 12.89 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:172 Resp: 164751

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.8	18.9	28.3





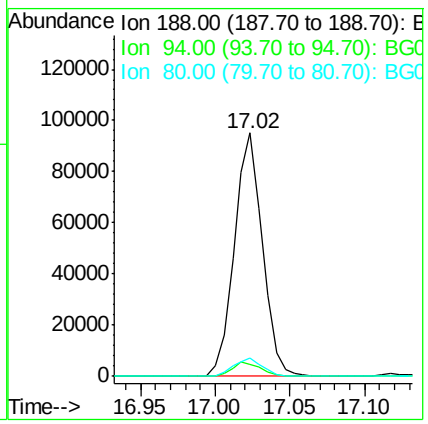
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

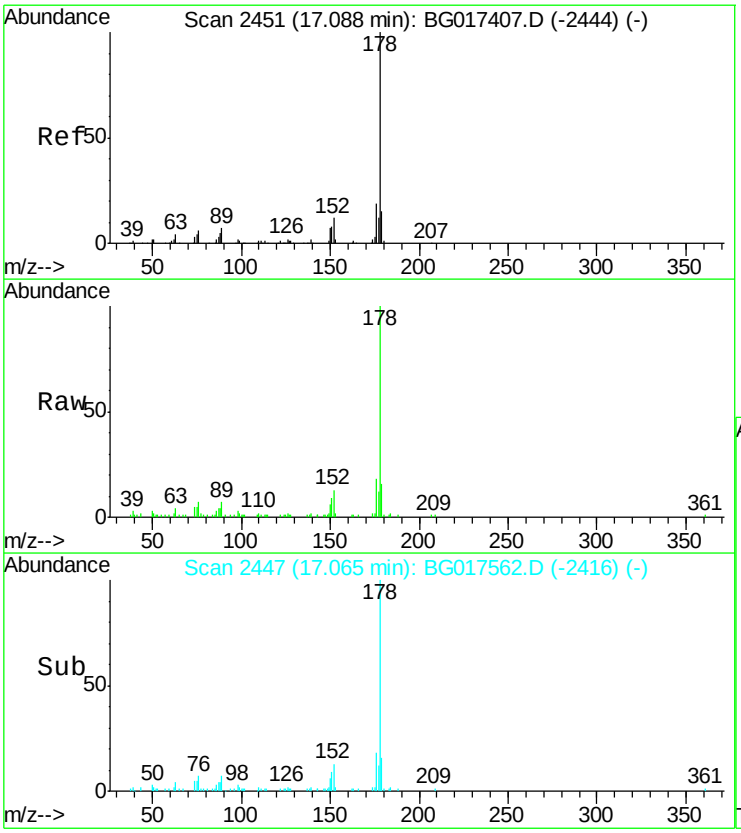
Tgt Ion:188 Resp: 124621

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.3	9.5#
80	7.6	5.2	7.8

Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

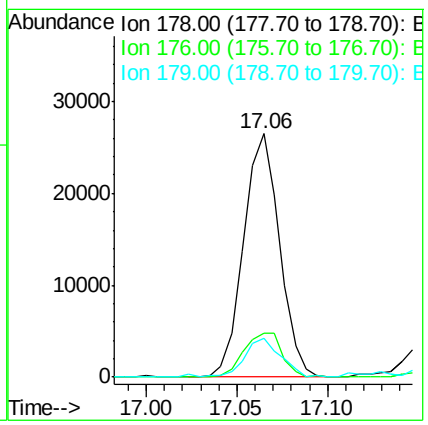


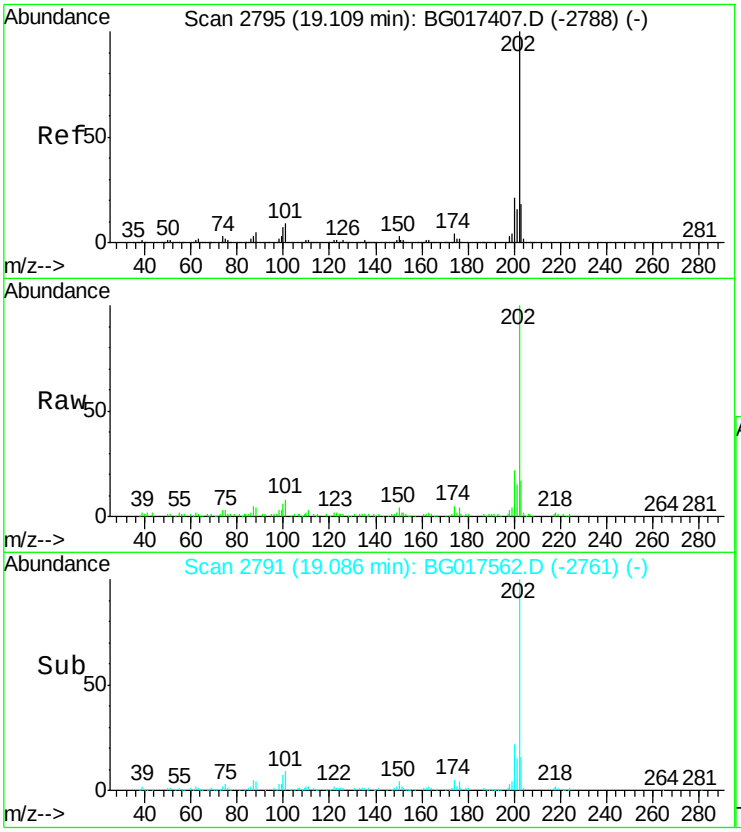


#70
Phenanthrene
Concen: 5.26 ng
RT: 17.06 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:178 Resp: 36579

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	16.2	12.2	18.2

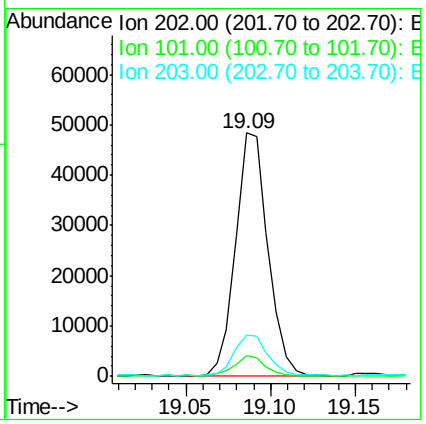




#74
Fluoranthene
Concen: 7.12 ng
RT: 19.09 min Scan# 2791
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

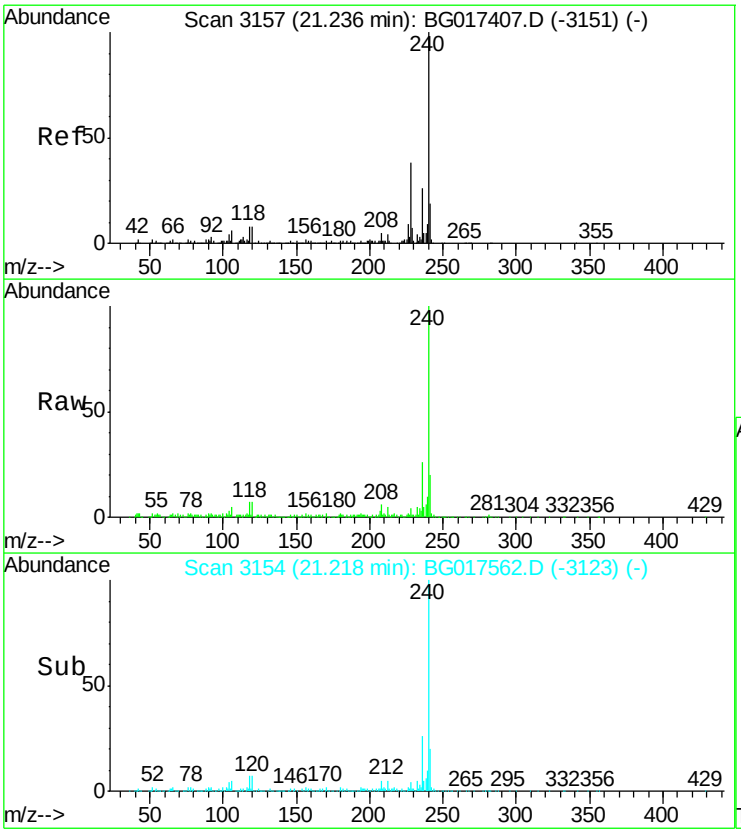
Tgt Ion:202 Resp: 64682

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.8
203	16.9	0.0	37.6



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

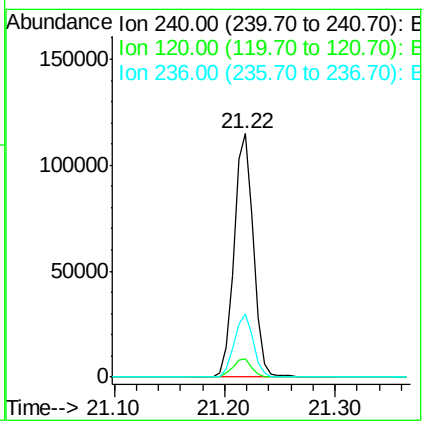
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

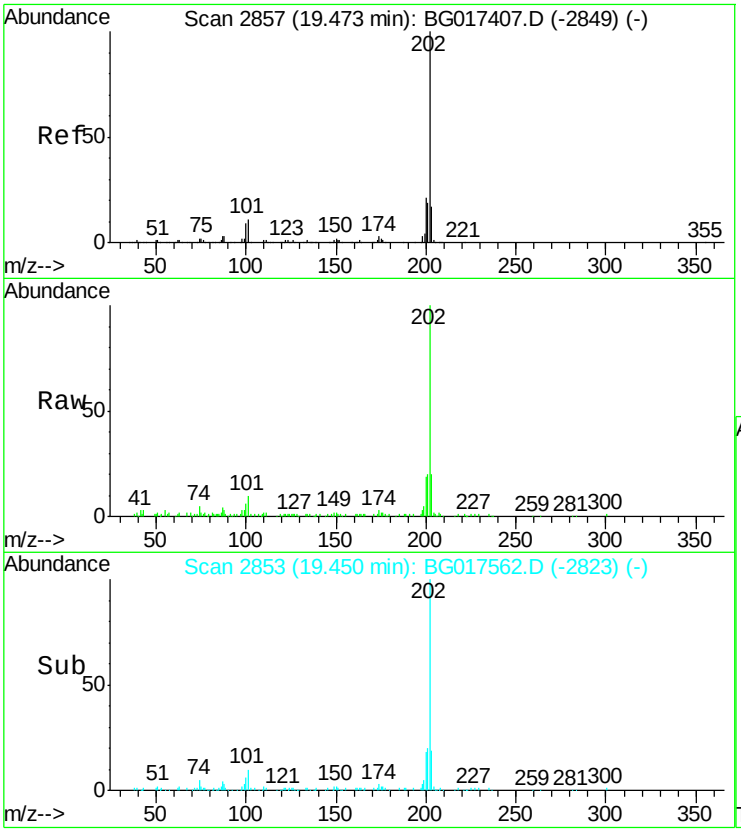


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:240 Resp: 140501

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.5	9.7
236	25.7	20.8	31.2

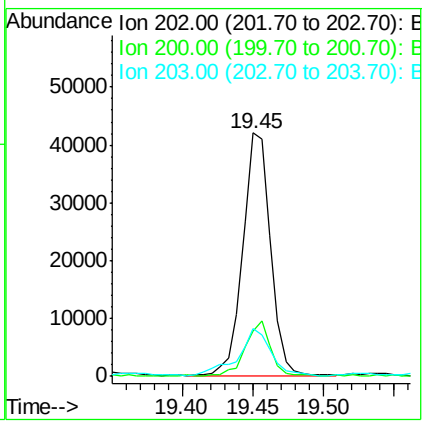




#77
Pyrene
Concen: 6.67 ng
RT: 19.45 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

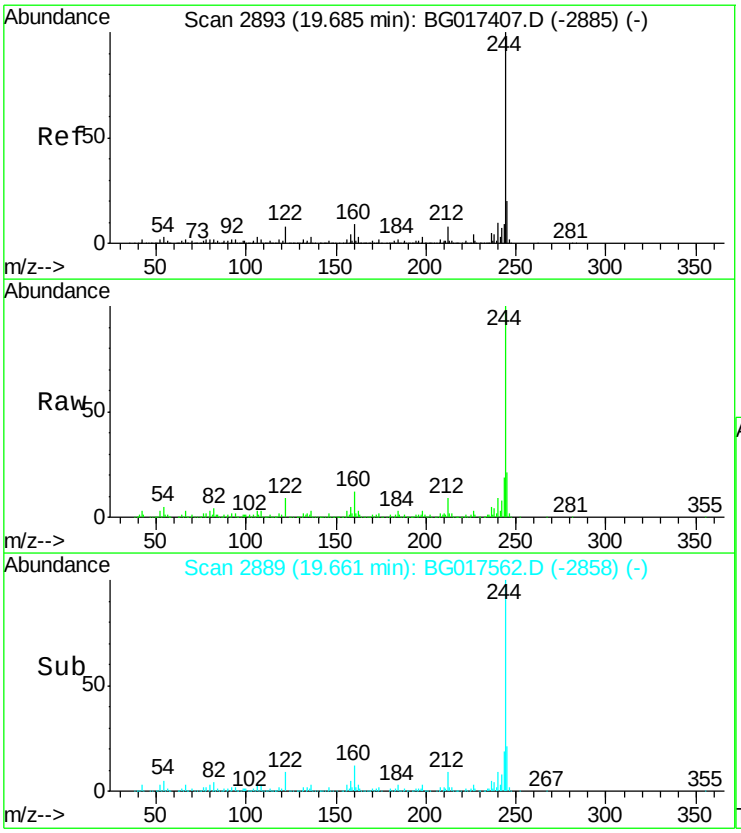
Tgt Ion:202 Resp: 57703

Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.0	25.4
203	19.6	13.9	20.9



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

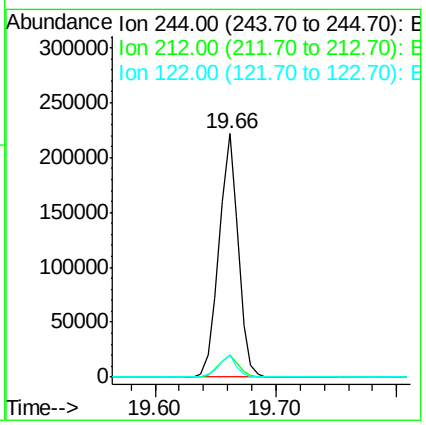
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

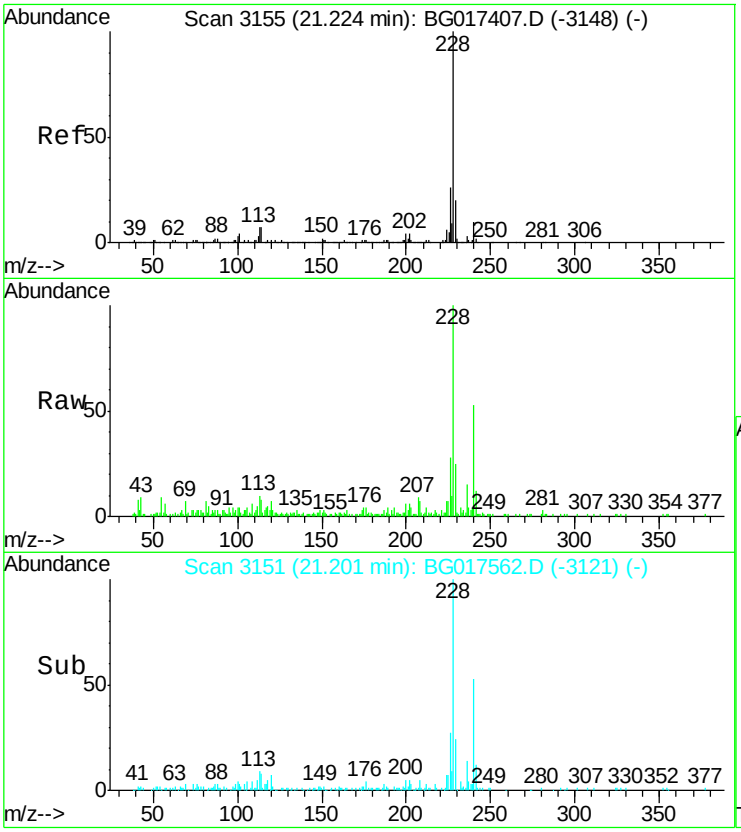


#78
Terphenyl-d14
Concen: 35.68 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:244 Resp: 242574

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.4	9.6
122	8.9	6.6	10.0





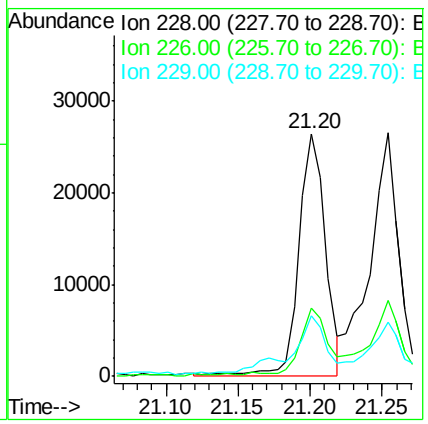
#80
Benzo(a)anthracene
Concen: 3.93 ng m
RT: 21.20 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

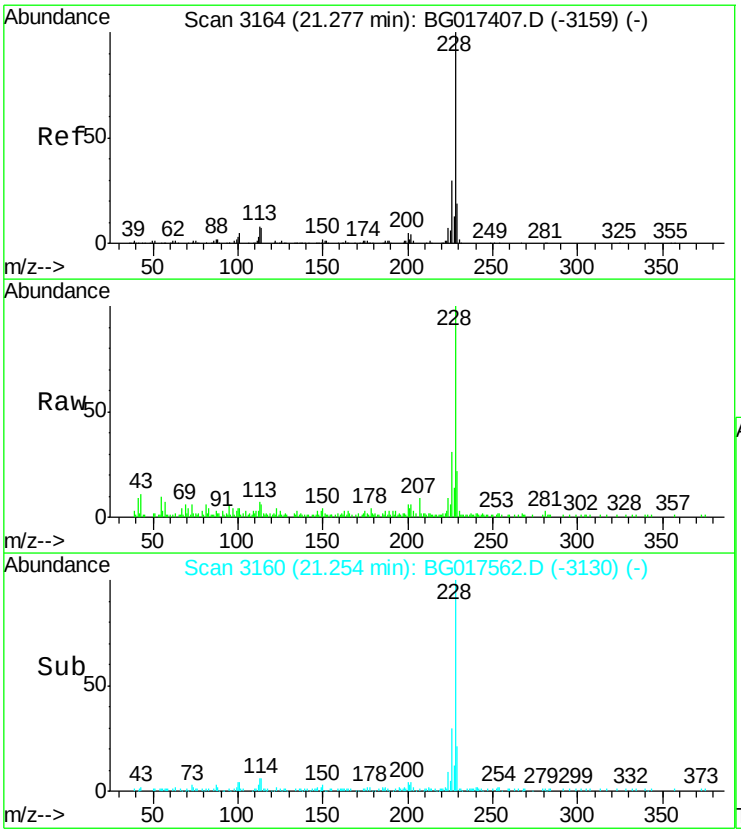
Tgt Ion:228 Resp: 33937

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.0	31.6
229	25.2	15.7	23.5#

Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

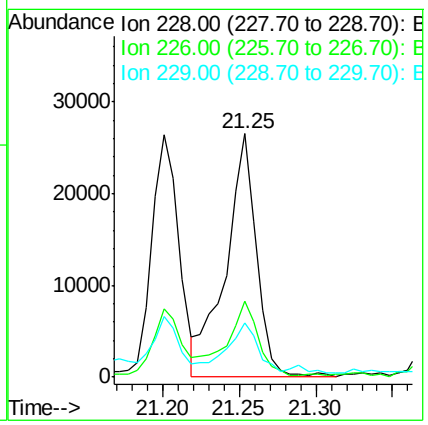


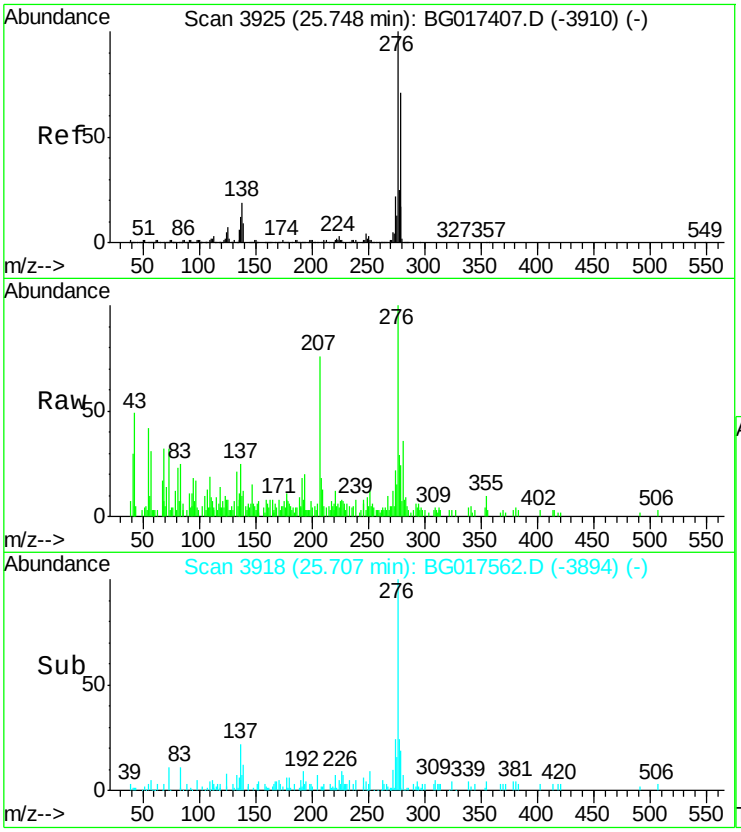


#82
Chrysene
Concen: 4.79 ng m
RT: 21.25 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:228 Resp: 37456

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	22.5	15.2	22.8

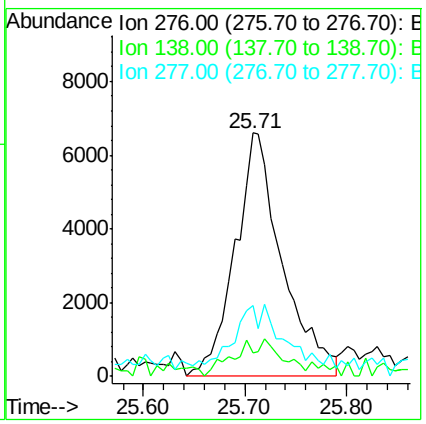




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 25.71 min Scan# 3918
Delta R.T. -0.06 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

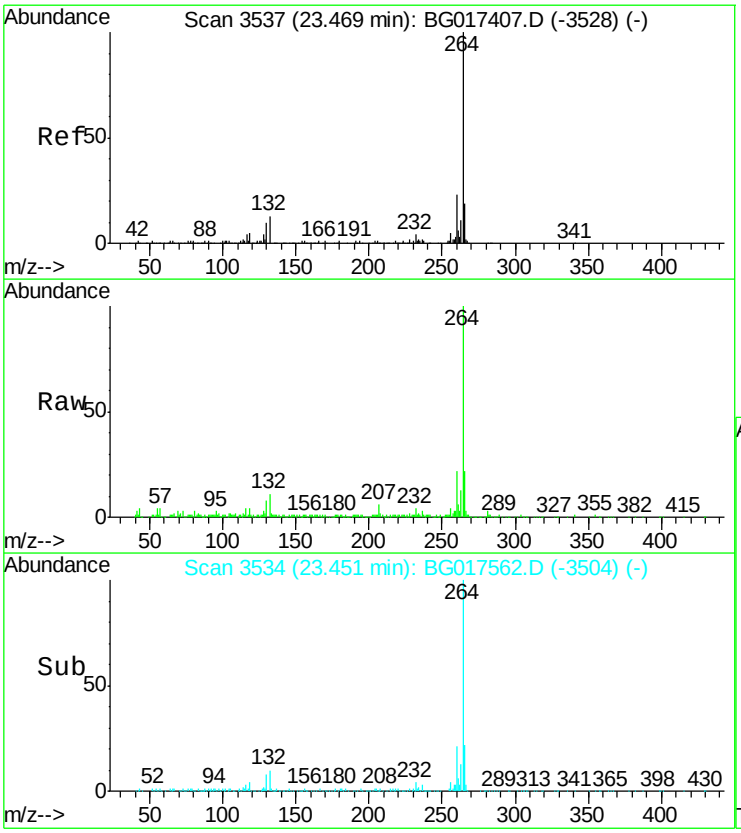
Tgt Ion:276 Resp: 21285

Ion	Ratio	Lower	Upper
276	100		
138	7.0	15.4	23.0#
277	0.0	20.5	30.7#



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

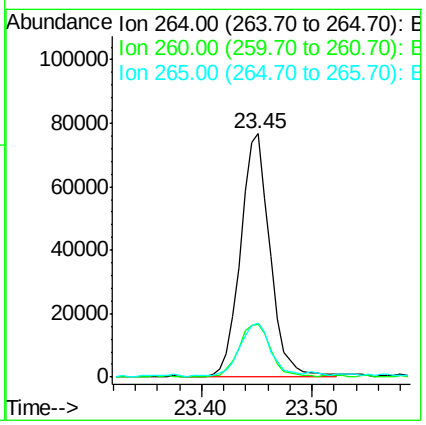
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

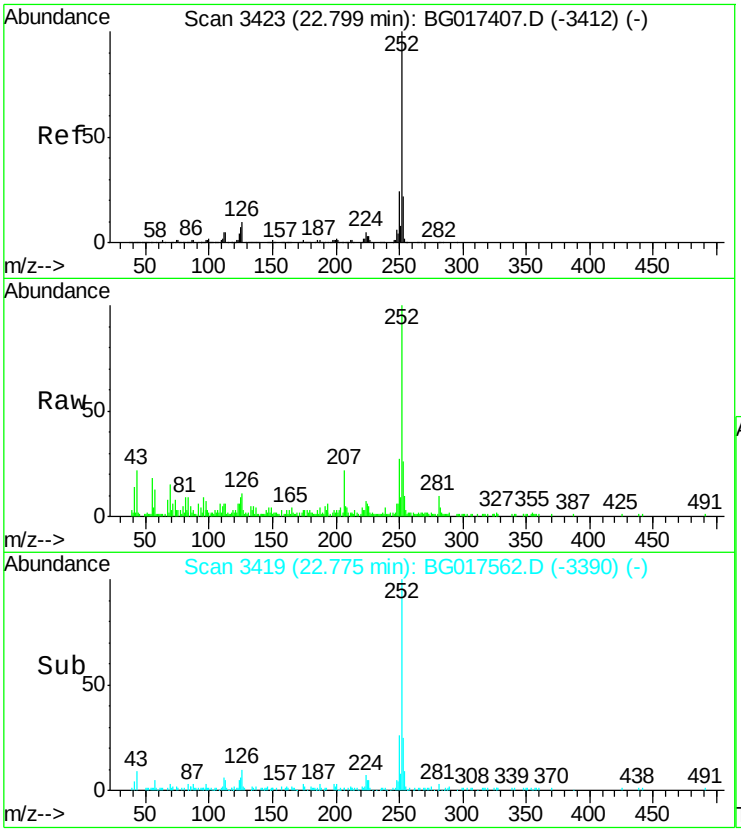


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:264 Resp: 143060

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	22.1	15.8	23.6

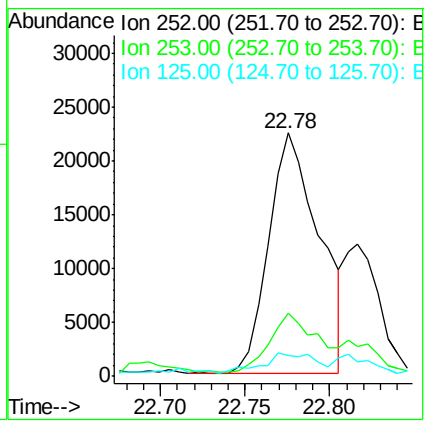




#87
Benzo(b)fluoranthene
Concen: 5.13 ng
RT: 22.78 min Scan# 3419
Delta R.T. -0.03 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

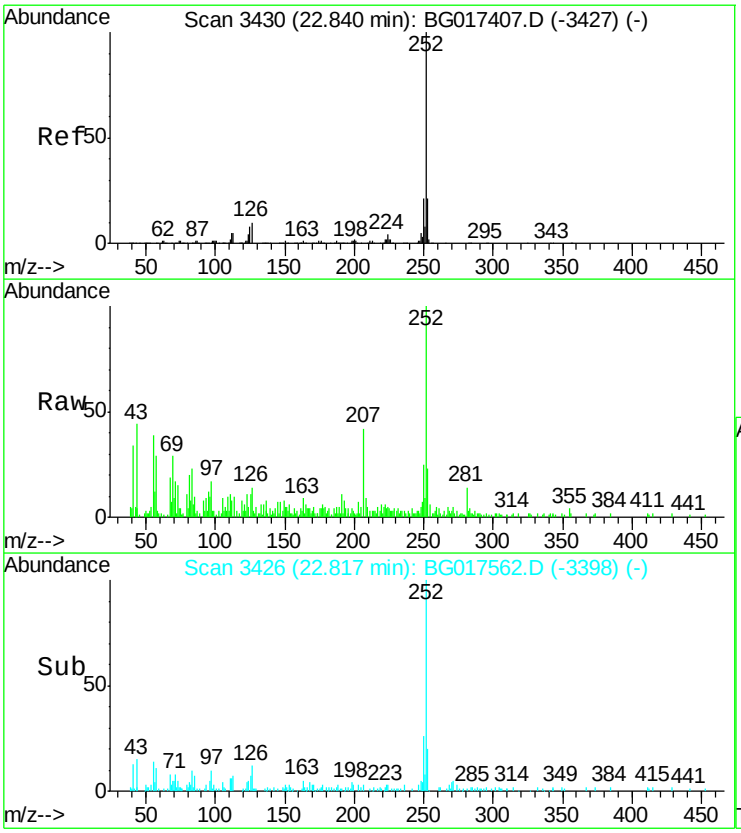
Tgt Ion:252 Resp: 46496

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.2
125	8.7	5.8	8.8



Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

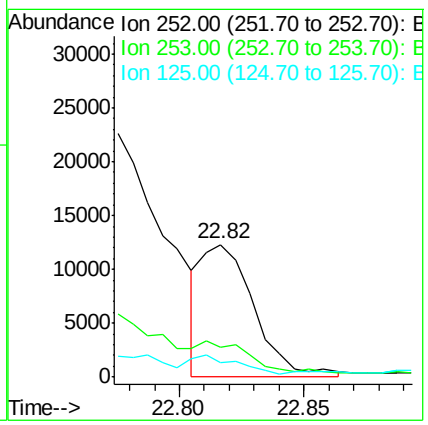
Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM

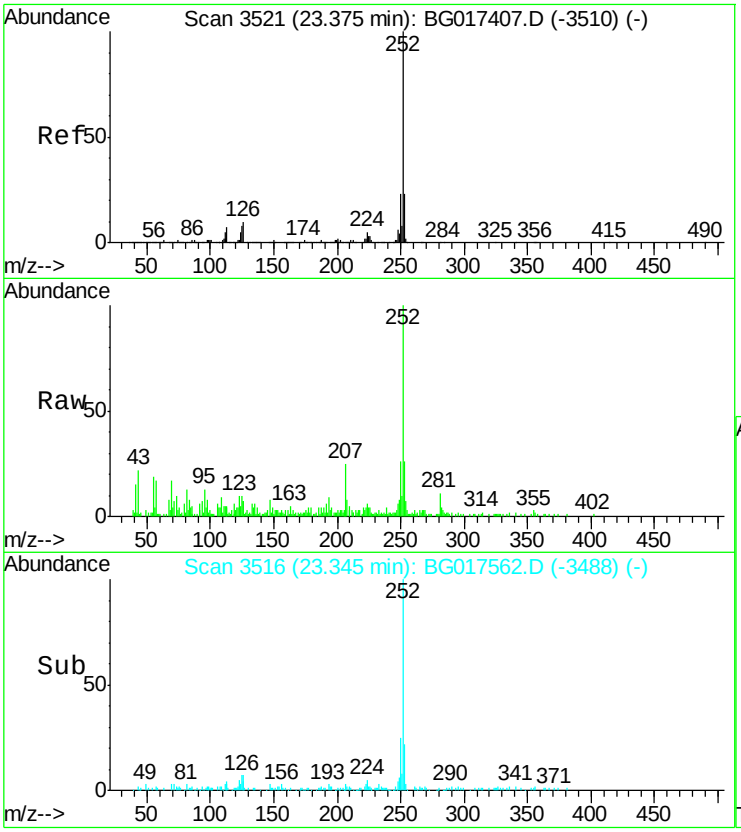


#88
Benzo(k)fluoranthene
Concen: 2.06 ng m
RT: 22.82 min Scan# 3426
Delta R.T. -0.04 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:252 Resp: 17849

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.1	6.5	9.7#





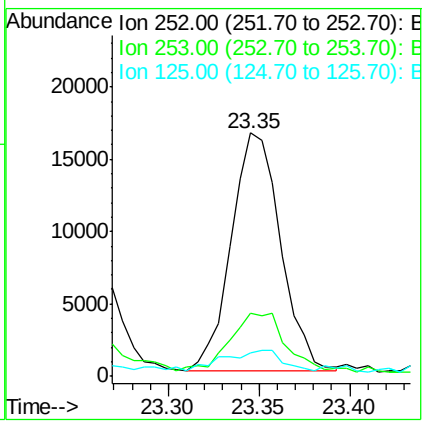
#89
Benzo(a)pyrene
Concen: 3.75 ng
RT: 23.35 min Scan# 3516
Delta R.T. -0.04 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

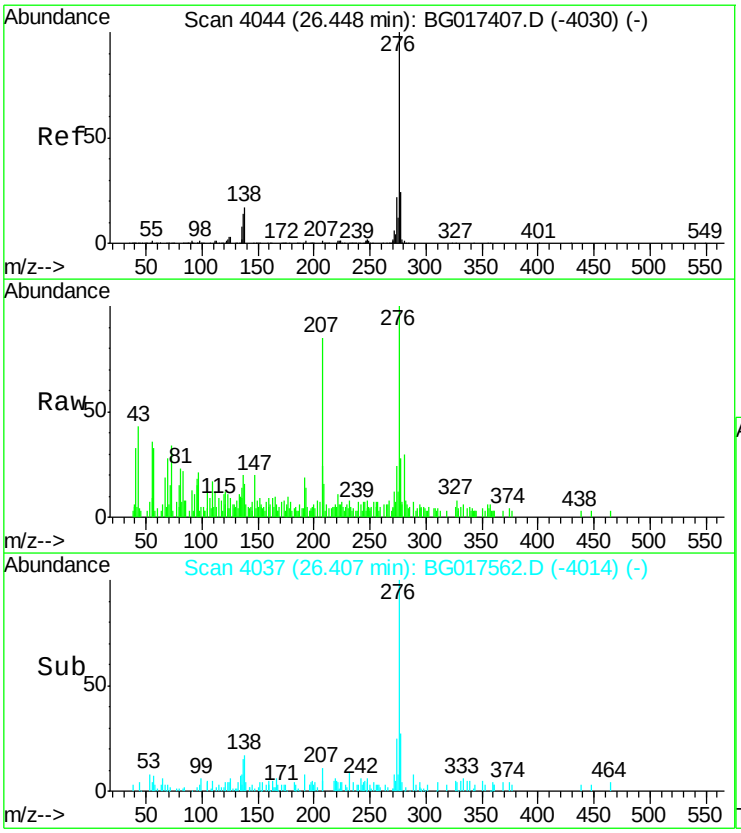
Tgt Ion:252 Resp: 31178

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	16.3	6.5	9.7#

Instrument :
BNA_G
ClientSampleId :
AVE-E-NBS13.1(3)

Manual Integrations APPROVED
apatel
6/9/2015 3:57:32 PM





#91
Benzo(g,h,i)perylene
Concen: 2.35 ng
RT: 26.41 min Scan# 4037
Delta R.T. -0.07 min
Lab File: BG017562.D
Acq: 9 Jun 2015 6:37

Tgt Ion:276 Resp: 19295

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.2	28.8
138	15.9	13.5	20.3