Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023656.D
Acq On : 12 Aug 2016 14:57
Operator : UM/SJ
Sample : H4360-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 13 02:33:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM
8/15/2016 6:48:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	267640	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	1147372	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.79	164	638322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1062737	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1055429	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1087937	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	5078m	0.81	ng/uL	0.01
5) Phenol-d5	7.27	99	287103	10.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	196705	11.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	215356	11.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	212523	10.10	ng/ul	0.01
19) Nitrobenzene-d5	9.29	128	107279m	11.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	105144	10.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	214685m	10.96	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	47439	2.06	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	635984	12.17	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	741845	12.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	58597	6.57	ng/ul	0.01
57) Fluorene-d10	15.78	176	502605	10.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	26717	3.92	ng/ul	0.01
70) Anthracene-d10	17.65	188	617521	12.90	ng/ul	0.00
76) Pyrene-d10	19.94	212	631646	11.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	613798	12.46	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	428878	8.29	ng/ul	99
69) Phenanthrene	17.60	178	92005	1.67	ng/ul	96
74) Fluoranthene	19.61	202	210971	3.74	ng/ul#	89
77) Pyrene	19.98	202	226436	3.47	ng/ul#	90
80) Benzo(a)anthracene	21.86	228	108096	1.82	ng/ul#	89
82) Chrysene	21.93	228	125562	2.32	ng/ul#	95
85) Benzo(b)fluoranthene	24.20	252	166113	2.68	ng/ul#	62
88) Benzo(a)pyrene	25.13	252	117276	1.96	ng/ul#	87
91) Benzo(g,h,i)perylene	30.45	276	74665m	1.28	ng/ul	

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

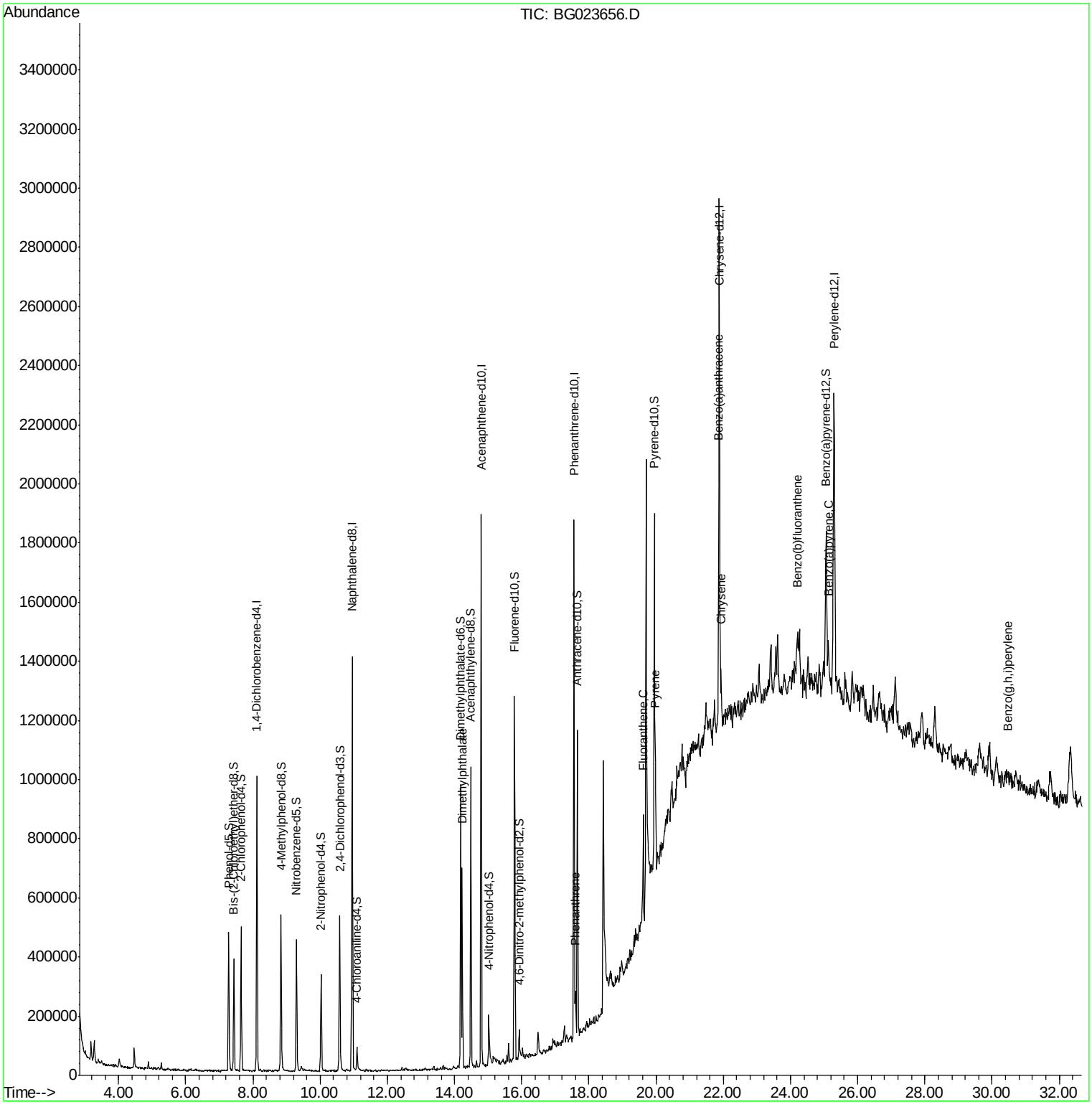
Quantitation Report (LSC Reviewed)

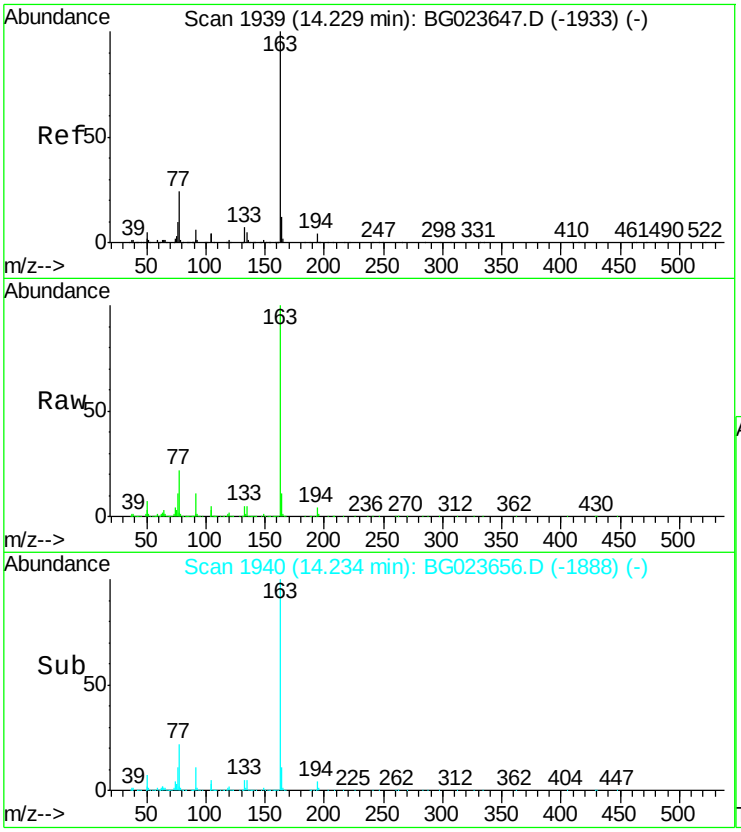
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023656.D
Acq On : 12 Aug 2016 14:57
Operator : UM/SJ
Sample : H4360-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 13 02:33:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM
8/15/2016 6:48:47 PM

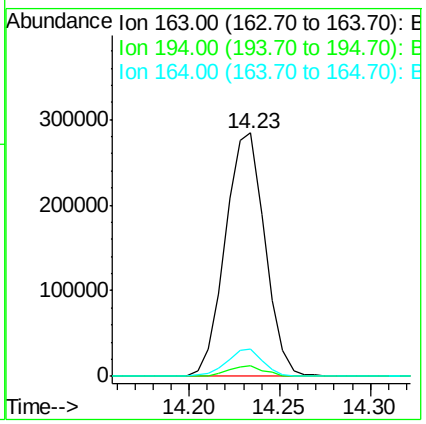




#44
Dimethylphthalate
Concen: 8.29 ng/ul
RT: 14.23 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:163 Resp: 428878

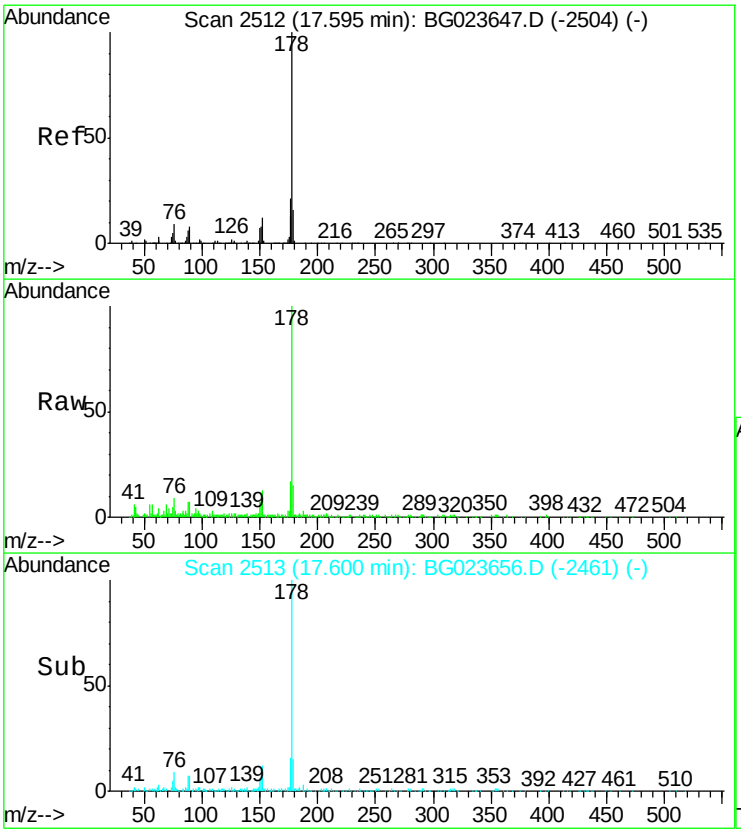
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	11.4	8.8	13.2



Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM

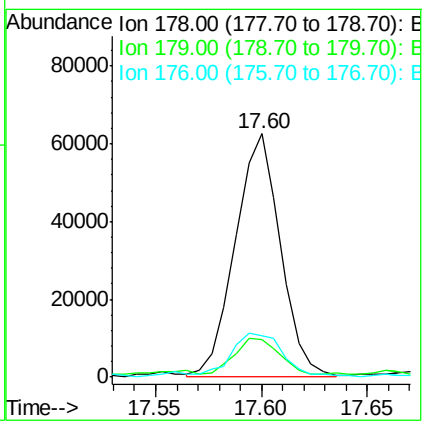
8/15/2016 6:48:47 PM

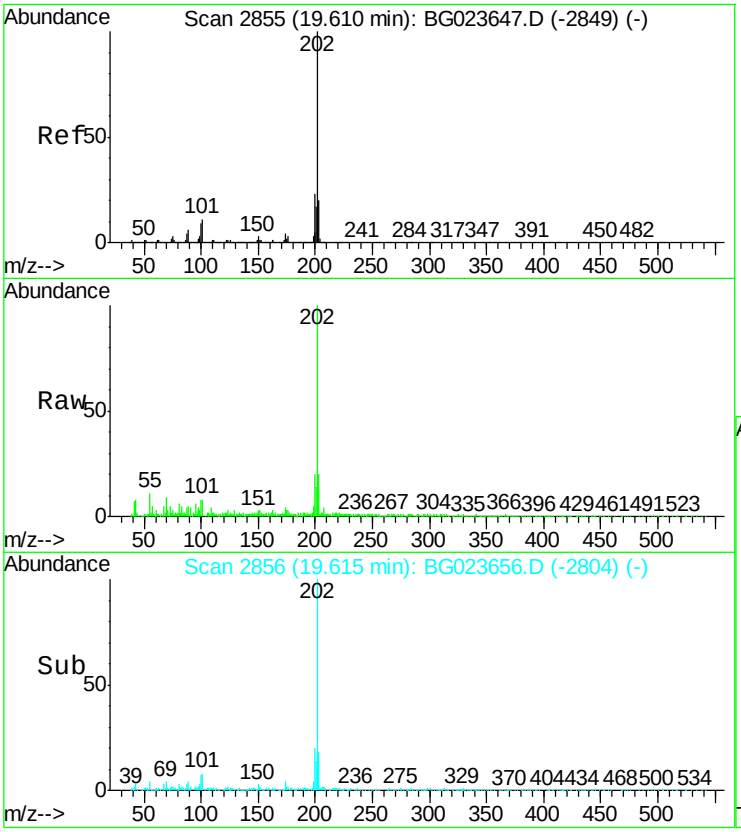


#69
Phenanthrene
Concen: 1.67 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:178 Resp: 92005

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	16.8	15.8	23.8

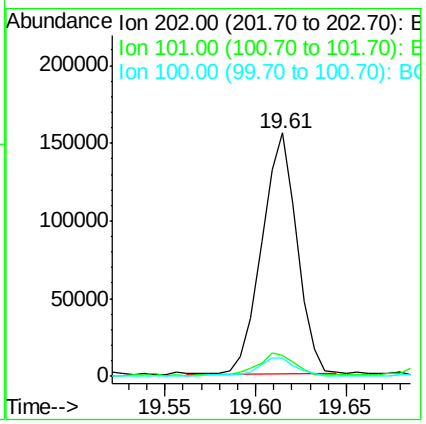




#74
Fluoranthene
Concen: 3.74 ng/ul
RT: 19.61 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

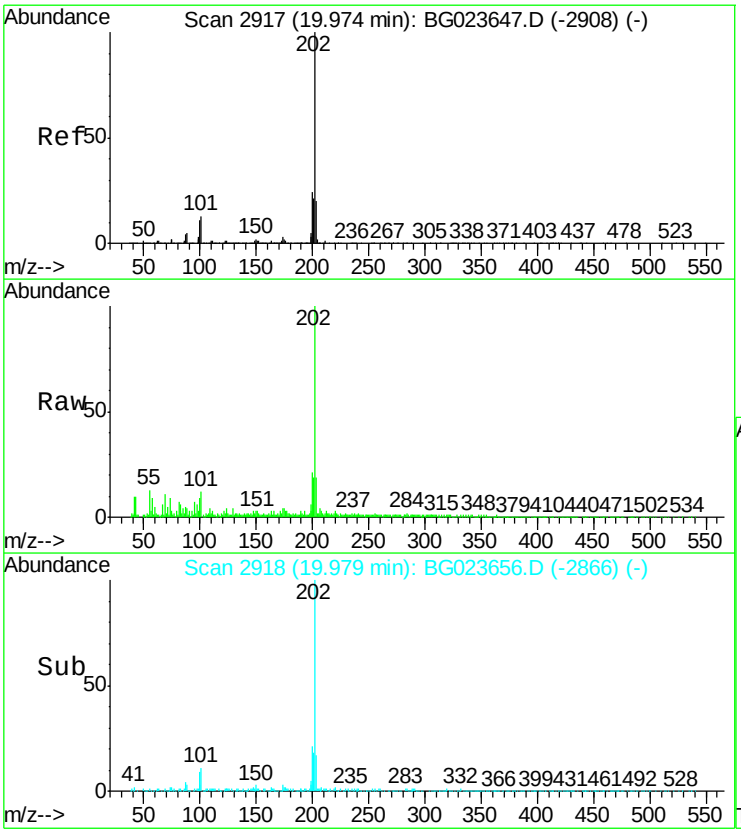
Tgt Ion:202 Resp: 210971

Ion	Ratio	Lower	Upper
202	100		
101	8.5	10.6	16.0#
100	7.6	8.7	13.1#



Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

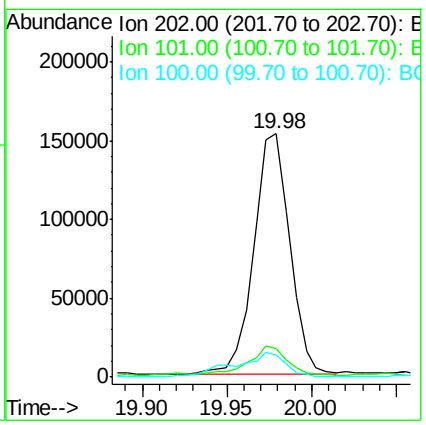
Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM
8/15/2016 6:48:47 PM

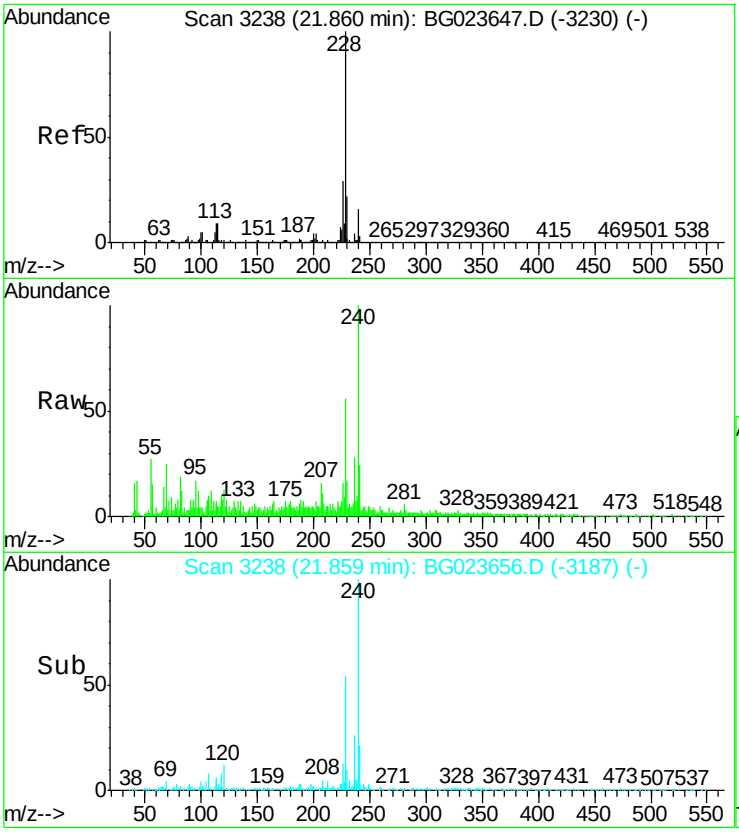


#77
Pyrene
Concen: 3.47 ng/ul
RT: 19.98 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:202 Resp: 226436

Ion	Ratio	Lower	Upper
202	100		
101	11.6	12.5	18.7#
100	8.9	10.2	15.4#

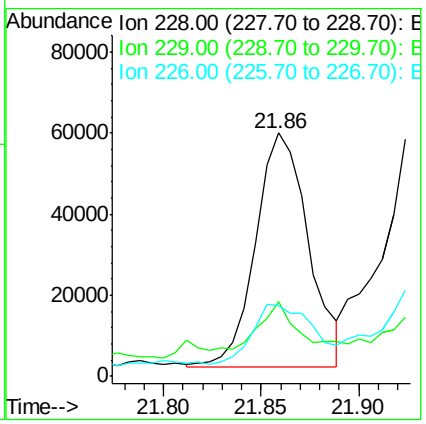




#80
Benzo(a)anthracene
Concen: 1.82 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:228 Resp: 108096

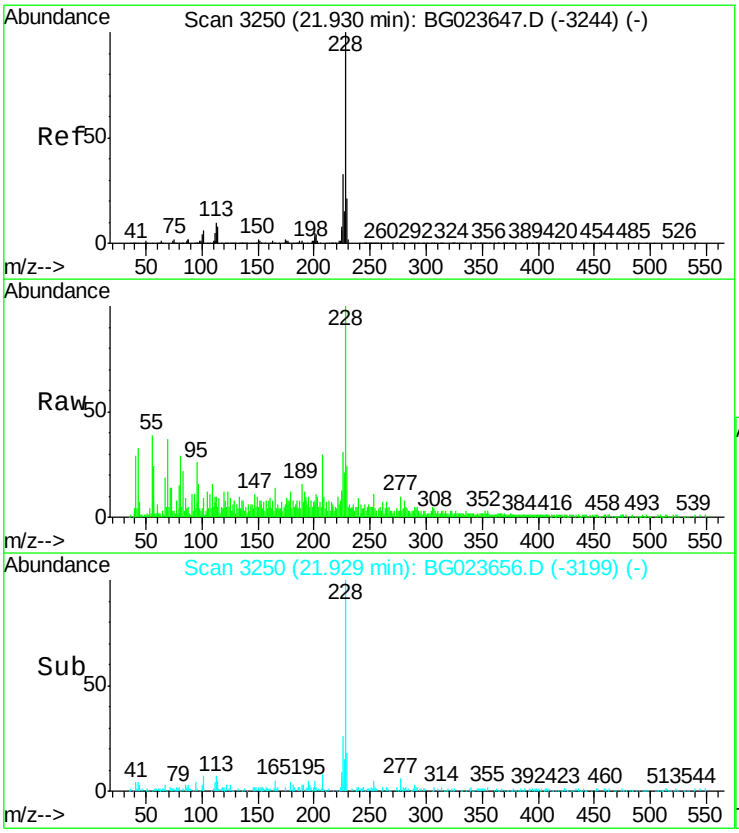
Ion	Ratio	Lower	Upper
228	100		
229	30.6	15.4	23.2#
226	29.0	22.8	34.2



Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM

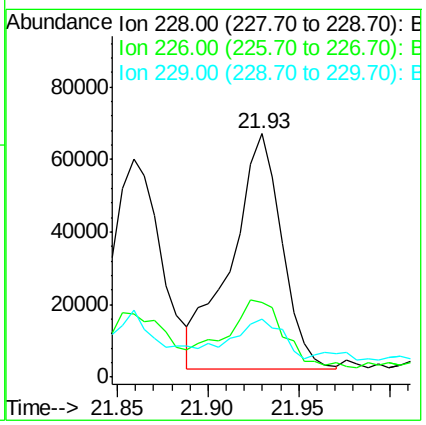
8/15/2016 6:48:47 PM

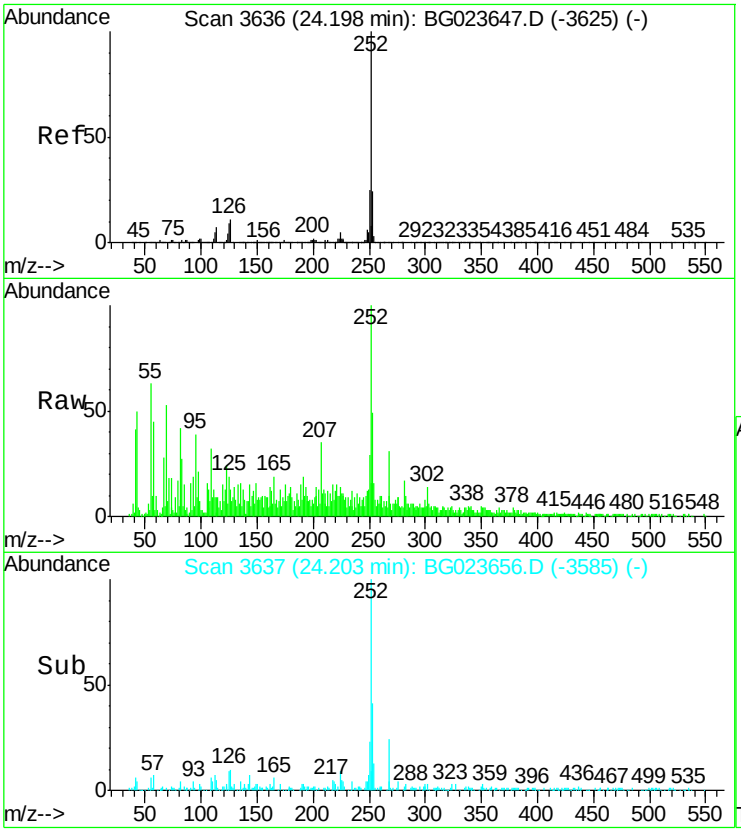


#82
Chrysene
Concen: 2.32 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:228 Resp: 125562

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	23.6	15.0	22.6#





#85
Benzo(b)fluoranthene
Concen: 2.68 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

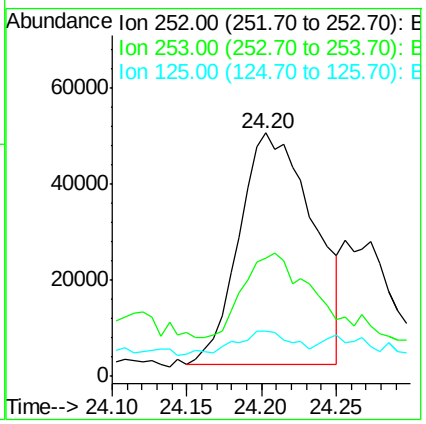
Tgt Ion:252 Resp: 166113

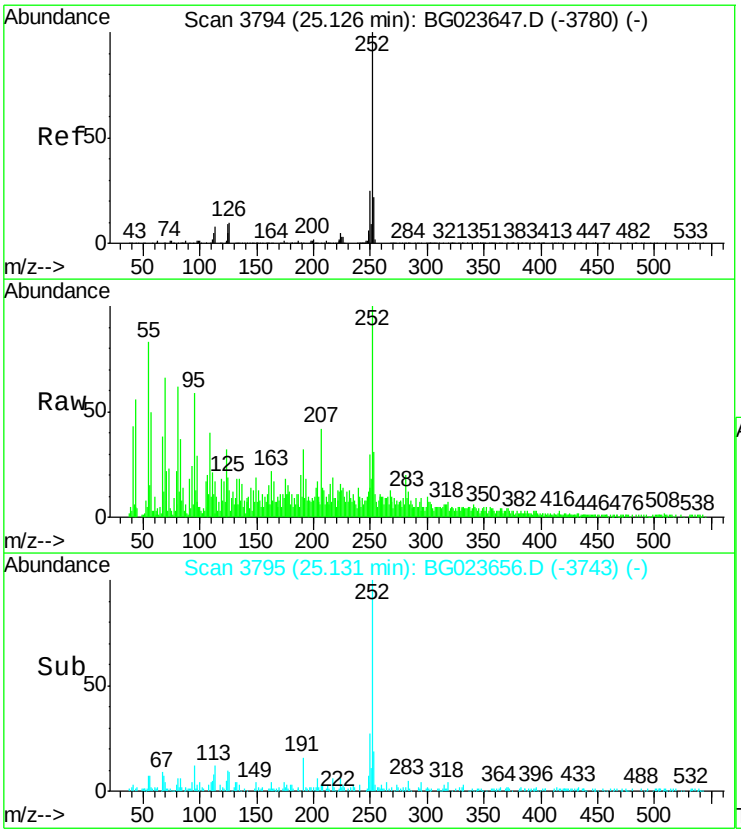
Ion	Ratio	Lower	Upper
252	100		
253	48.5	18.2	27.2#
125	18.6	10.8	16.2#

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM

8/15/2016 6:48:47 PM

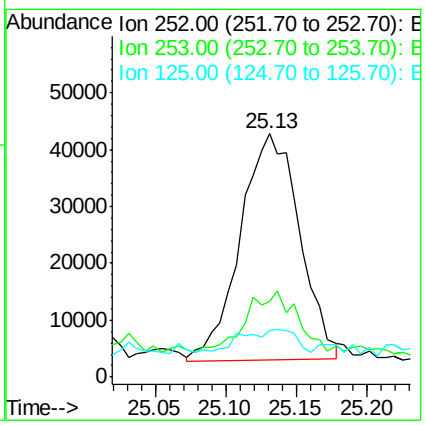


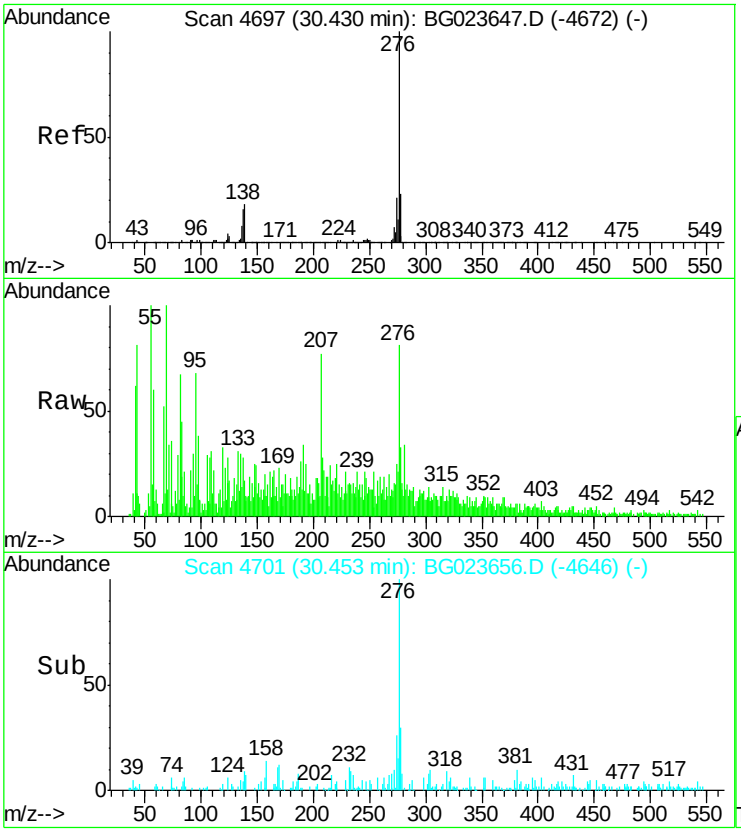


#88
Benzo(a)pyrene
Concen: 1.96 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. 0.01 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:252 Resp: 117276

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.0	28.4#
125	19.1	12.0	18.0#

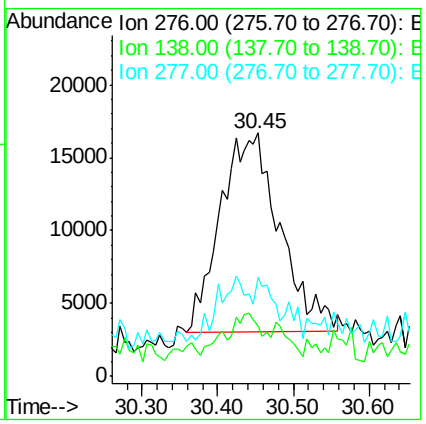




#91
Benzo(g,h,i)perylene
Concen: 1.28 ng/ul m
RT: 30.45 min Scan# 4701
Delta R.T. 0.02 min
Lab File: BG023656.D
Acq: 12 Aug 2016 14:57

Tgt Ion:276 Resp: 74665

Ion	Ratio	Lower	Upper
276	100		
138	20.5	22.1	33.1#
277	40.6	17.0	25.4#



Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:47 PM

8/15/2016 6:48:47 PM