

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019495.D
 Acq On : 5 Nov 2015 16:45
 Operator : UM/NP
 Sample : G4273-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP5

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:36 PM

Quant Time: Nov 06 06:29:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	41753	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	172311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	132470	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	355157	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	459803	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	449824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2147	2.46	ng/uL	0.00
5) Phenol-d5	7.32	99	63465	16.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	47541	19.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	40495	16.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	53667	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22450	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	26165	17.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	52793	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	58001	17.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	198251	18.15	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	214781	17.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	25607	14.76	ng/ul	0.00
58) Fluorene-d10	15.79	176	172598	17.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	33733	14.67	ng/ul	0.00
71) Anthracene-d10	17.65	188	295014	18.22	ng/ul	0.00
79) Pyrene-d10	19.92	212	344594	17.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	381786	16.91	ng/ul	0.00

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	12.65	142	19899	2.87 ng/ul	96
35) 1-Methylnaphthalene	12.87	142	18737	2.86 ng/ul#	89
45) Dimethylphthalate	14.25	163	107936	9.66 ng/ul#	98
50) Acenaphthene	14.87	153	107078	12.80 ng/ul	94
54) Dibenzofuran	15.20	168	72382	5.87 ng/ul	100
59) Fluorene	15.85	166	138463	12.88 ng/ul	96
70) Phenanthrene	17.59	178	501206	27.96 ng/ul	98
72) Anthracene	17.68	178	227972	12.48 ng/ul	97
77) Fluoranthene	19.59	202	802752	34.59 ng/ul#	94
80) Pyrene	19.95	202	560159	21.71 ng/ul#	93
83) Benzo(a)anthracene	21.81	228	341290	12.74 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.69	149	16444	1.38 ng/ul	93
85) Chrysene	21.88	228	279658	11.13 ng/ul	99
88) Benzo(b)fluoranthene	24.11	252	287144	10.82 ng/ul#	94
89) Benzo(k)fluoranthene	24.18	252	123689	4.84 ng/ul#	96
91) Benzo(a)pyrene	25.02	252	212962	8.36 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.01	276	106786	3.72 ng/ul	98
94) Benzo(g,h,i)perylene	30.20	276	80599m	3.70 ng/ul	

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

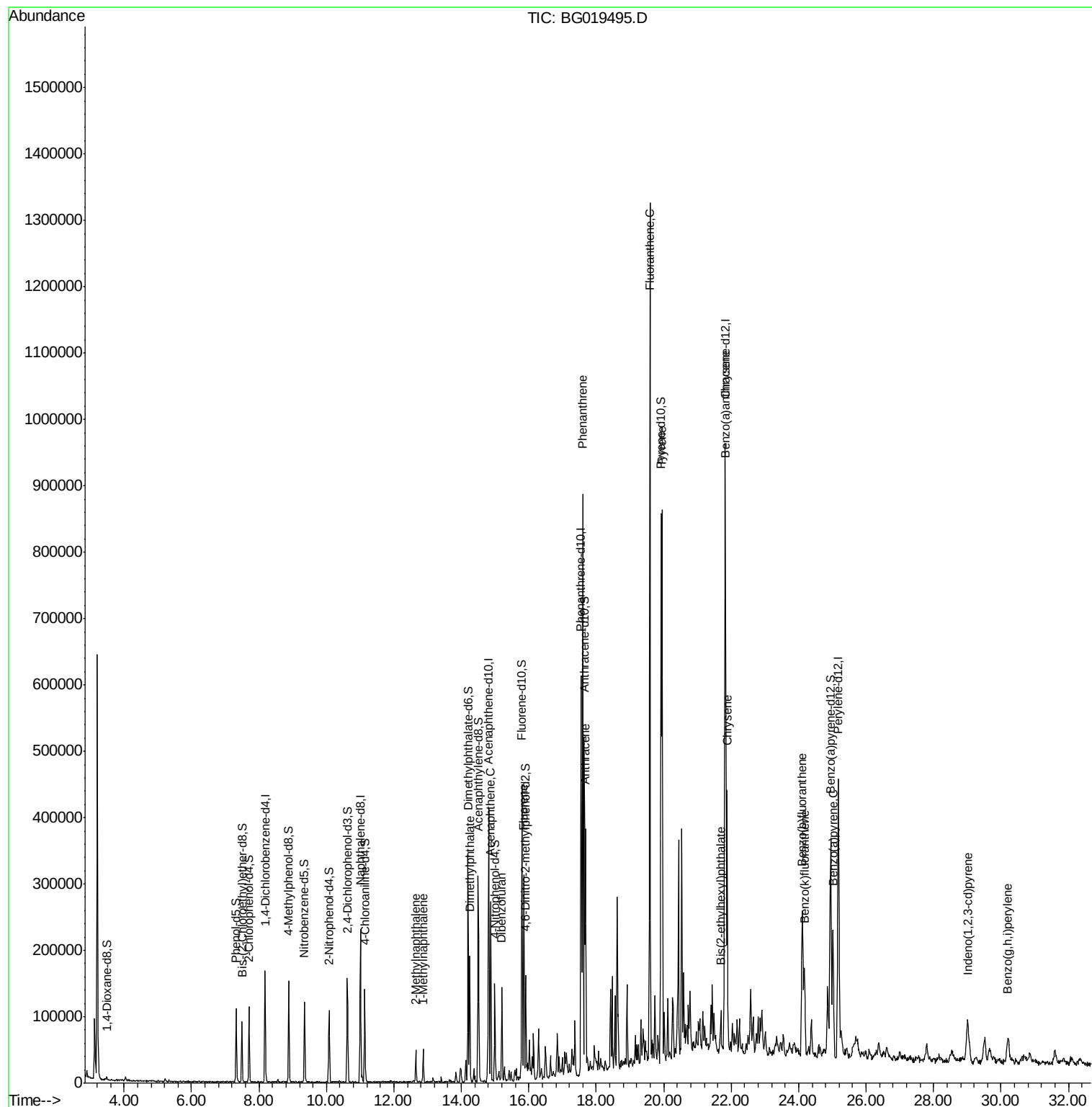
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019495.D
Acq On : 5 Nov 2015 16:45
Operator : UM/NP
Sample : G4273-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

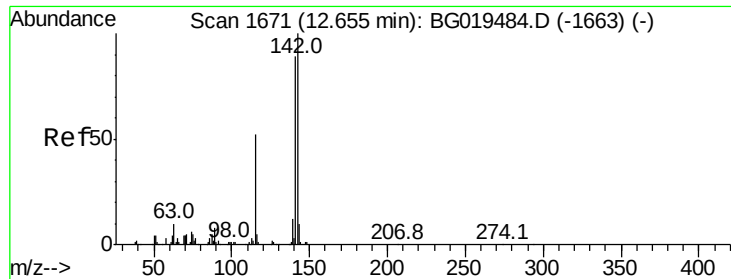
Instrument :
BNA_G
ClientSampleId :
C0AP5

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:36 PM

Quant Time: Nov 06 06:29:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 2.87 ng/ul

RT: 12.65 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

ClientSampleId :

C0AP5

Tot Ion:142 Resp: 19899

Ion Ratio Lower Upper

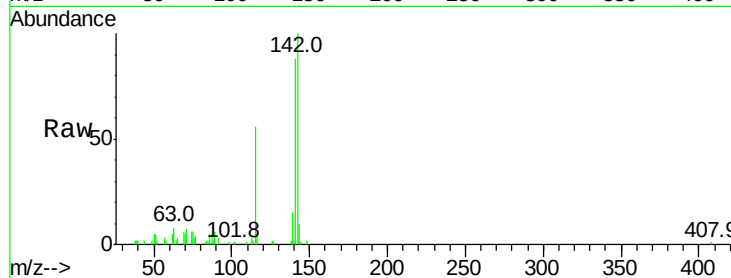
142 100

141 88.1 73.4 110.2

Manual Integrations
APPROVED

Mmdadoda

11/6/2015 3:43:36 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

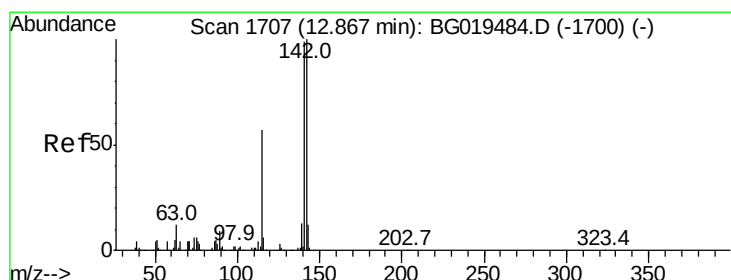
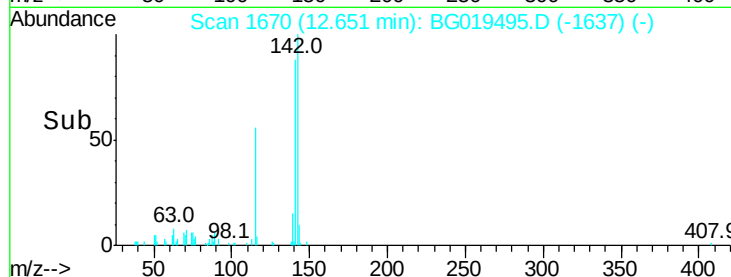
12.65

10000

5000

0

Time--> 12.60 12.65 12.70



#35

1-Methylnaphthalene

Concen: 2.86 ng/ul

RT: 12.87 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

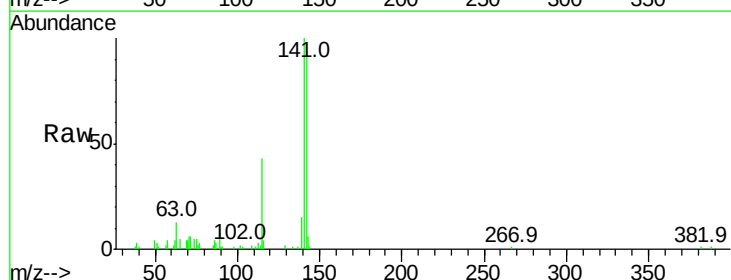
Tgt Ion:142 Resp: 18737

Ion Ratio Lower Upper

142 100

141 106.4 76.5 114.7

116 3.8 5.4 8.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.87

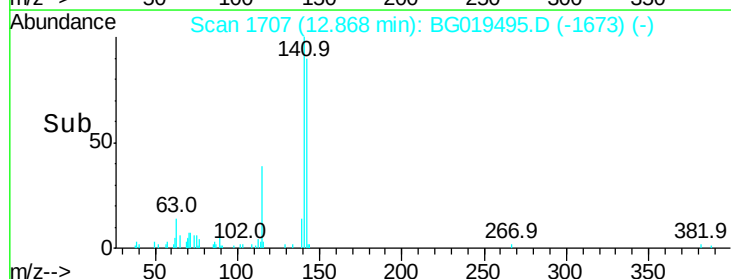
15000

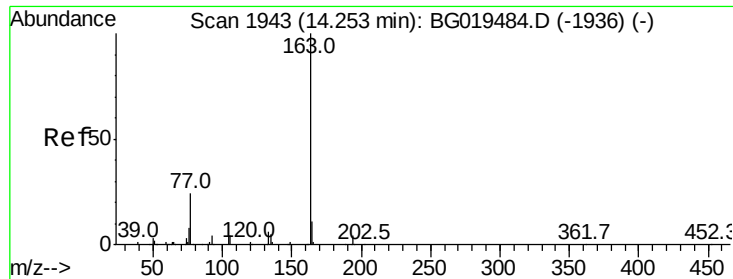
10000

5000

0

Time--> 12.80 12.85 12.90





#45

Dimethylphthalate

Concen: 9.66 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

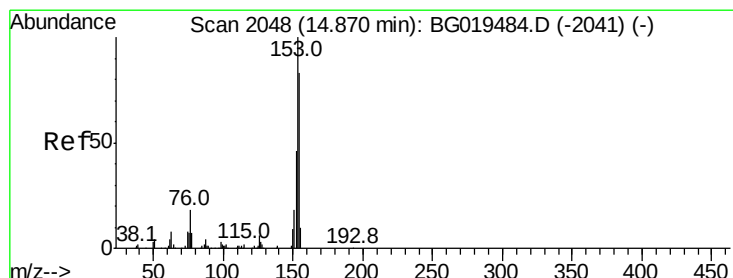
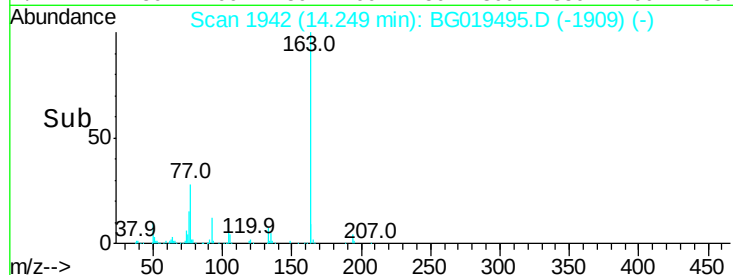
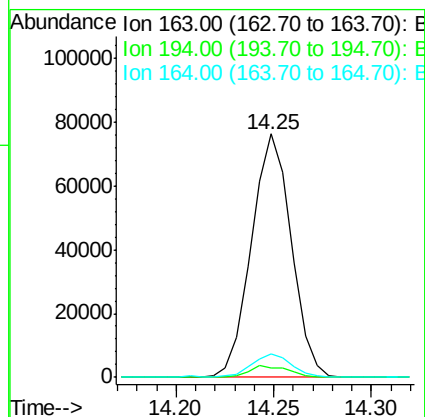
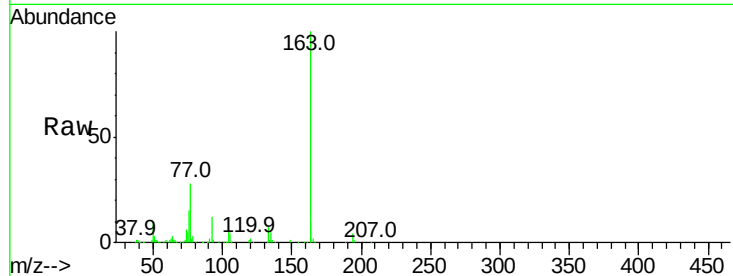
ClientSampled :

C0AP5

Tot Ion:	163	Resp:	107936
Ion Ratio	Lower	Upper	
163	100		
194	3.8	4.3	6.5#
164	9.5	7.5	11.3

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:36 PM



#50

Acenaphthene

Concen: 12.80 ng/ul

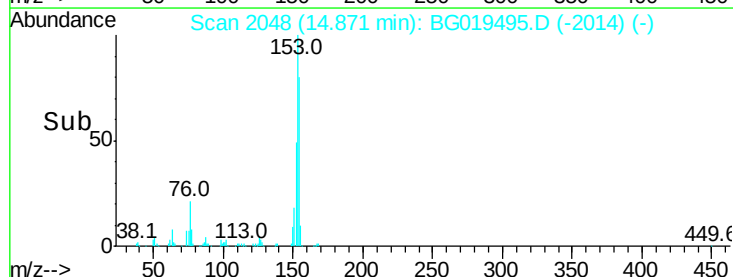
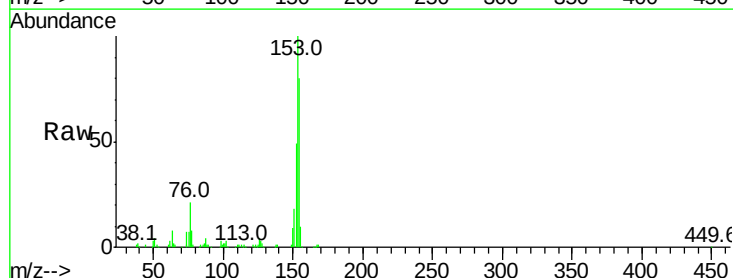
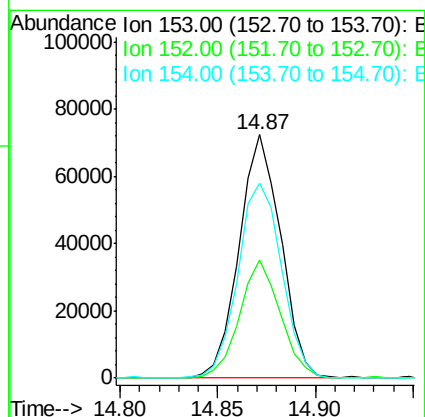
RT: 14.87 min Scan# 2048

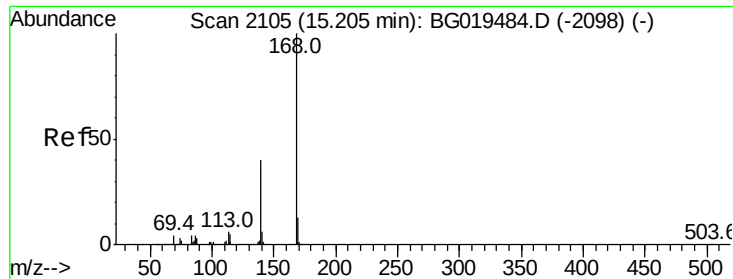
Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Tgt Ion:	153	Resp:	107078
Ion Ratio	Lower	Upper	
153	100		
152	48.7	38.8	58.2
154	80.2	71.5	107.3





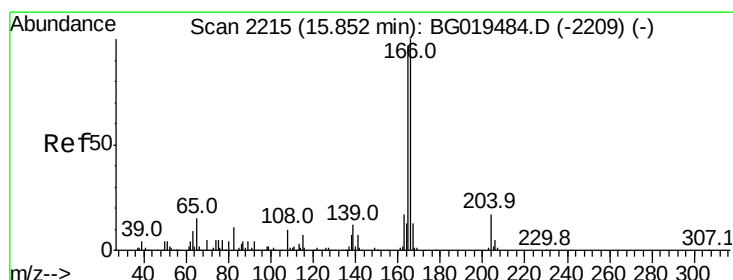
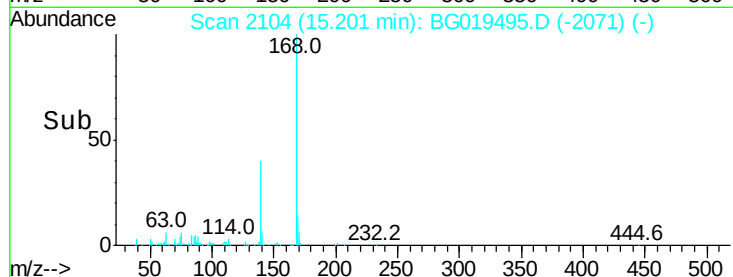
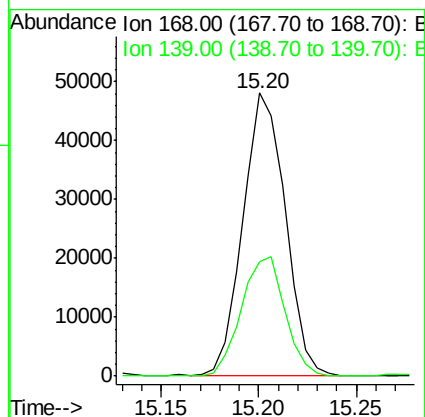
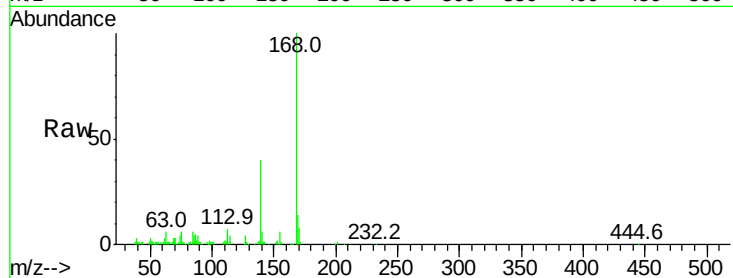
#54
Dibenzofuran
Concen: 5.87 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

Instrument :
BNA_G
ClientSampled :
C0AP5

Tot Ion:168 Resp: 72382
Ion Ratio Lower Upper
168 100
139 40.2 32.4 48.6

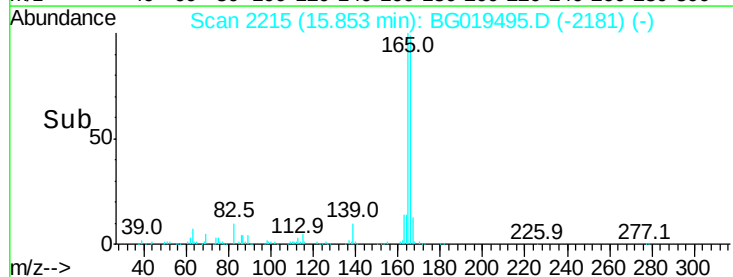
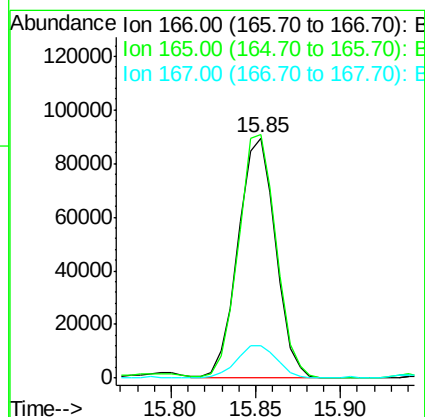
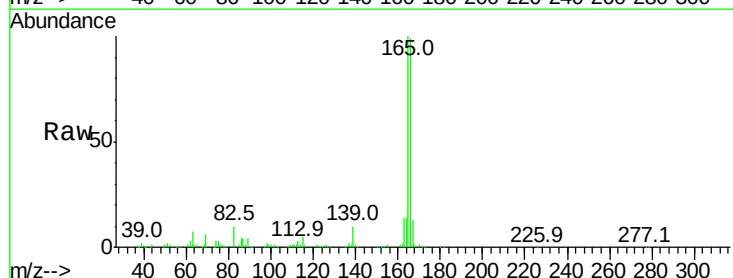
Manual Integrations
APPROVED

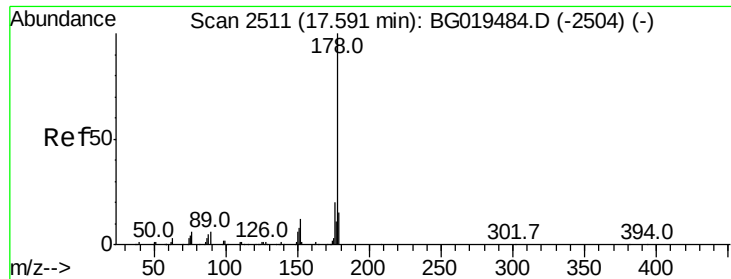
Mmdadoda
11/6/2015 3:43:36 PM



#59
Fluorene
Concen: 12.88 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

Tgt Ion:166 Resp: 138463
Ion Ratio Lower Upper
166 100
165 101.4 77.6 116.4
167 13.5 9.6 14.4





#70

Phenanthrene

Concen: 27.96 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

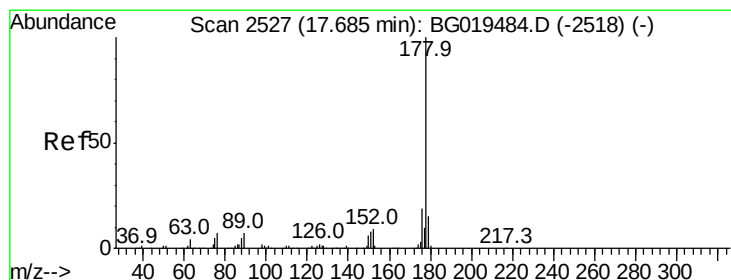
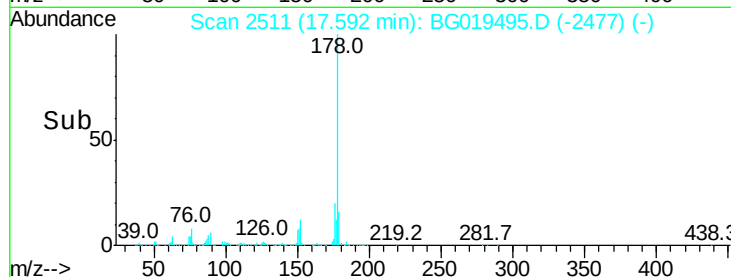
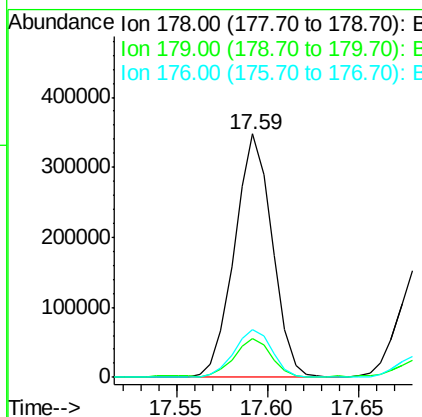
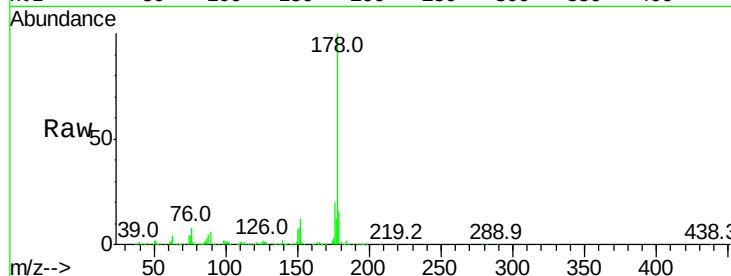
ClientSampleId :

C0AP5

Tot Ion:178	Resp:	501206
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.6 18.8
176	19.8	14.3 21.5

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:36 PM



#72

Anthracene

Concen: 12.48 ng/ul

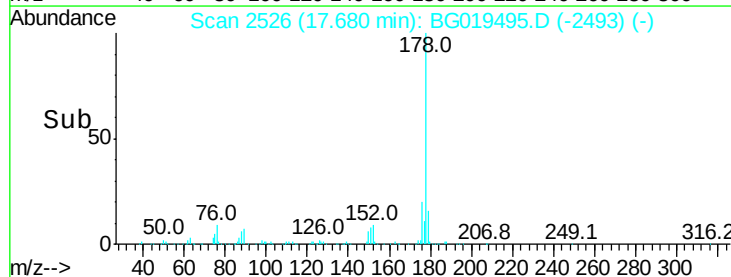
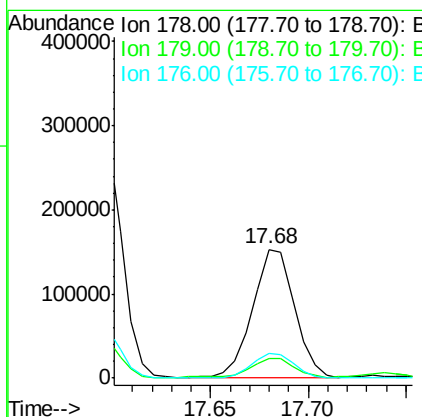
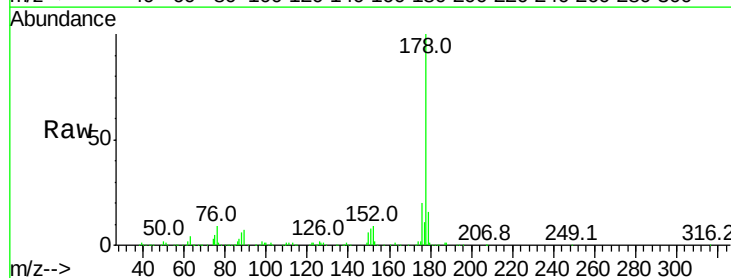
RT: 17.68 min Scan# 2526

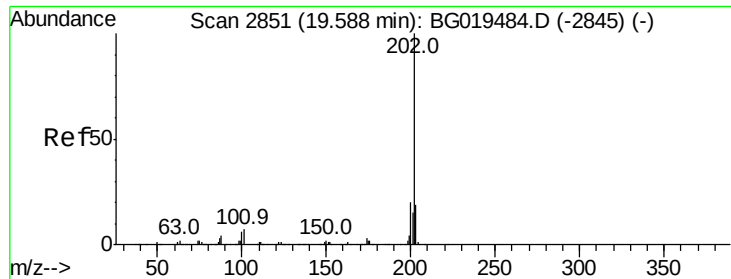
Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Tgt Ion:178	Resp:	227972
Ion Ratio	Lower	Upper
178	100	
179	15.5	11.6 17.4
176	19.6	14.2 21.4





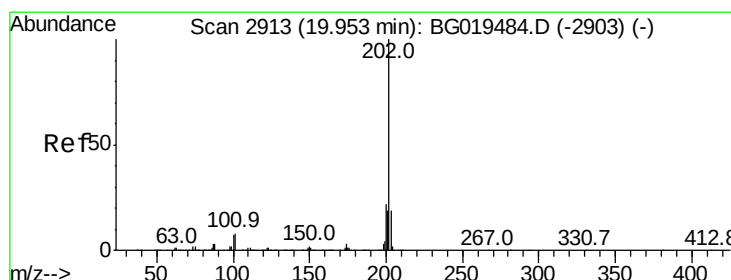
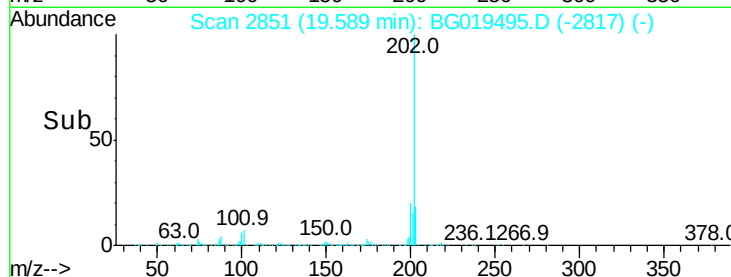
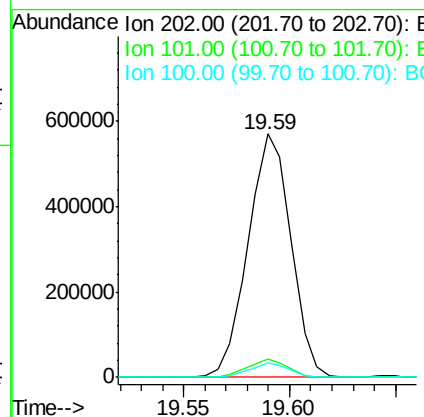
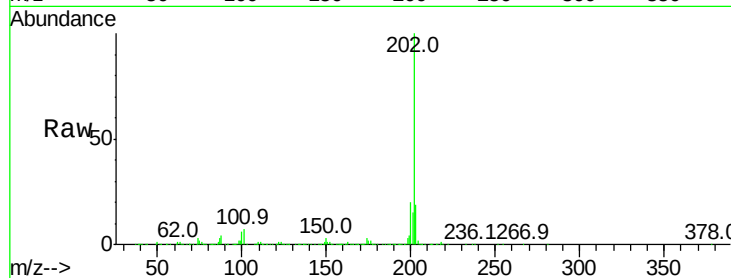
#77
 Fluoranthene
 Concen: 34.59 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG019495.D
 Acq: 5 Nov 2015 16:45

Instrument :
 BNA_G
 ClientSampleId :
 C0AP5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	802752		
101	7.3	4.0	6.0#	
100	6.1	3.6	5.4#	

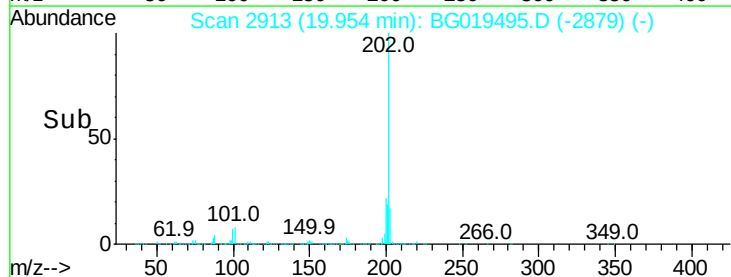
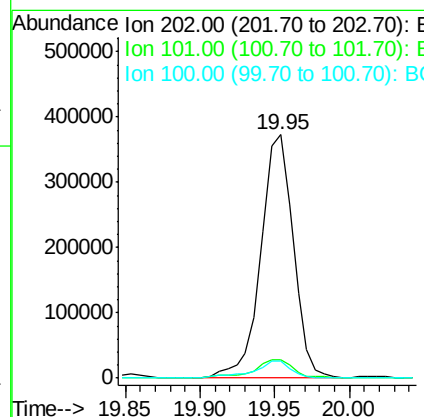
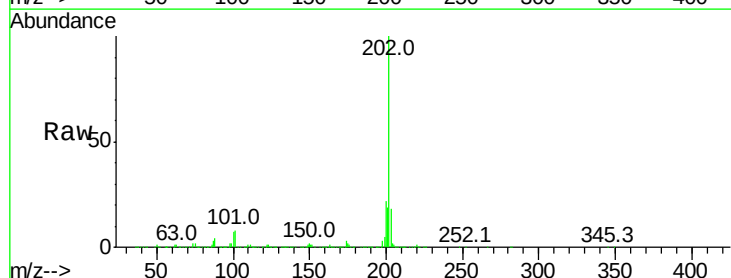
Manual Integrations
 APPROVED

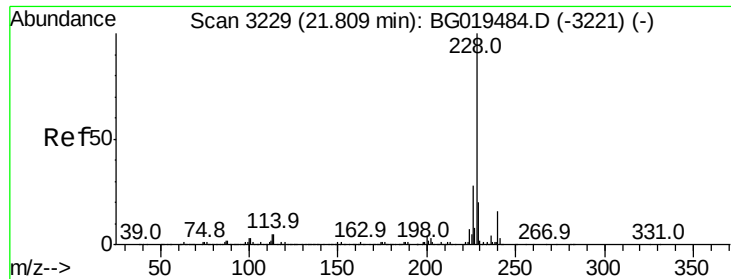
Mmdadoda
 11/6/2015 3:43:36 PM



#80
 Pyrene
 Concen: 21.71 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG019495.D
 Acq: 5 Nov 2015 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	560159		
101	7.5	4.3	6.5#	
100	6.9	3.6	5.4#	





#83

Benzo(a)anthracene

Concen: 12.74 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

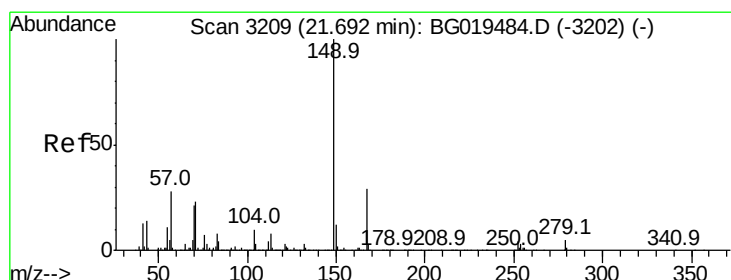
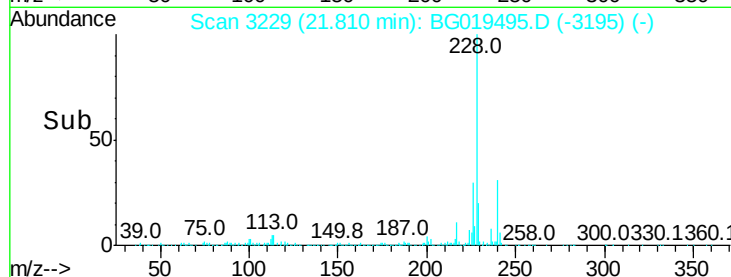
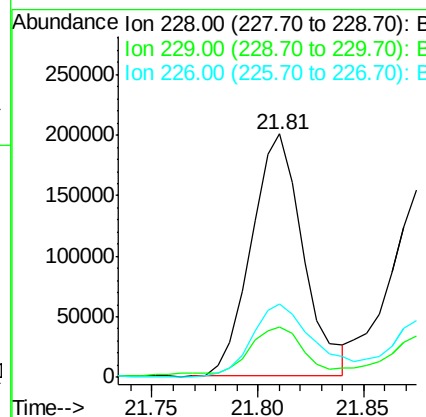
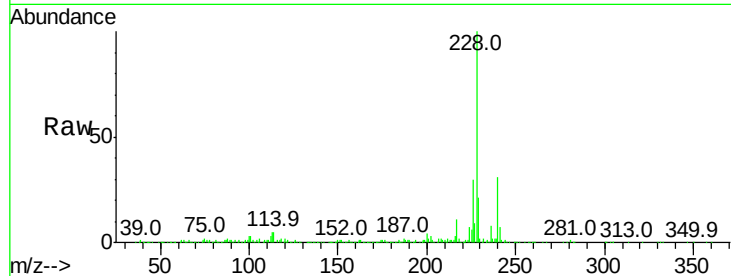
ClientSampleId :

C0AP5

Tot Ion:	228	Resp:	341290
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.8
226	30.4	21.8	32.6

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:36 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.38 ng/ul

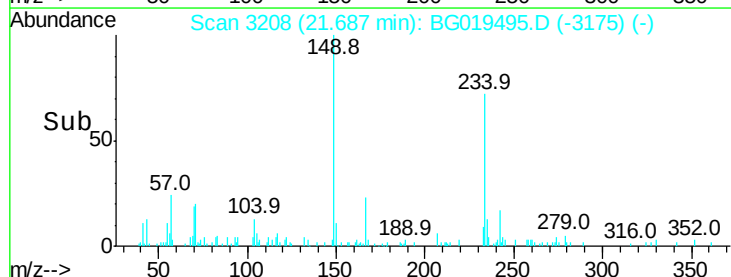
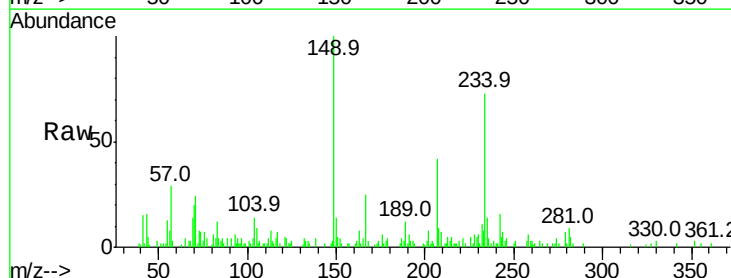
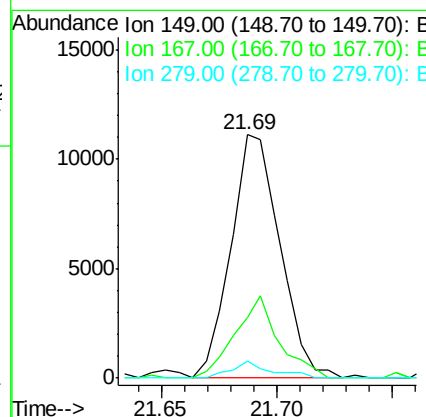
RT: 21.69 min Scan# 3208

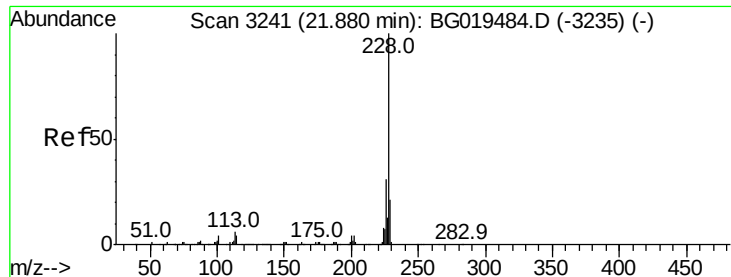
Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Tgt Ion:	149	Resp:	16444
Ion Ratio	Lower	Upper	
149	100		
167	24.9	23.2	34.8
279	7.0	5.0	7.4





#85

Chrysene

Concen: 11.13 ng/ul

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

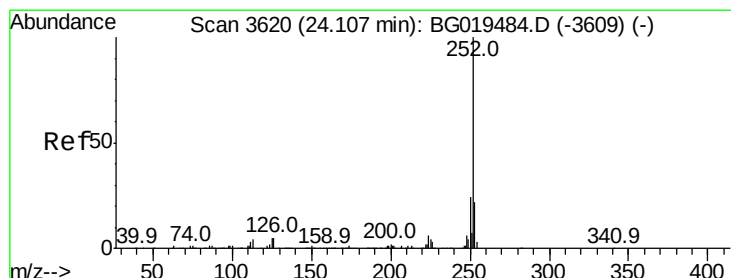
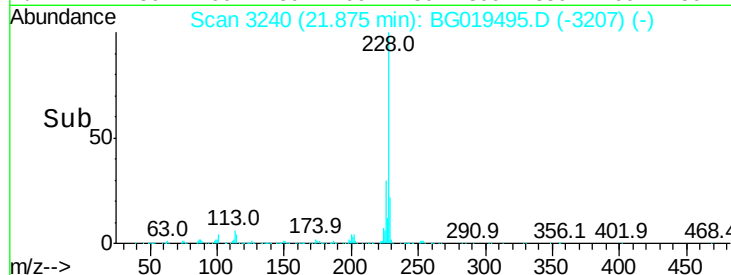
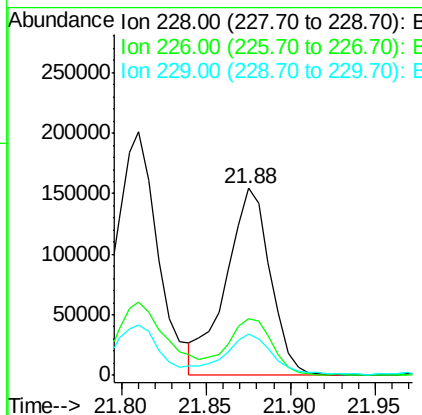
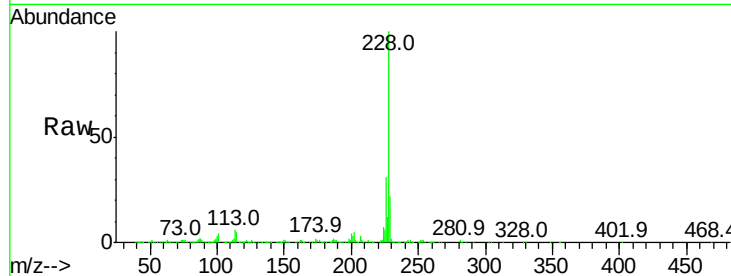
ClientSampleId :

C0AP5

Tot Ion:	228	Resp:	279658
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	36.8
229	22.4	17.3	25.9

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:36 PM



#88

Benzo(b)fluoranthene

Concen: 10.82 ng/ul

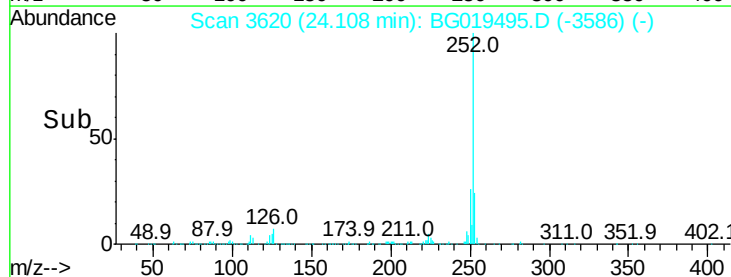
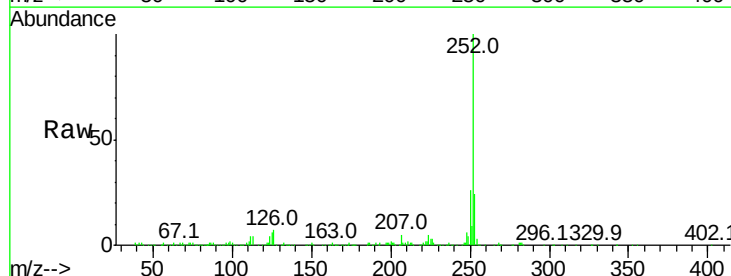
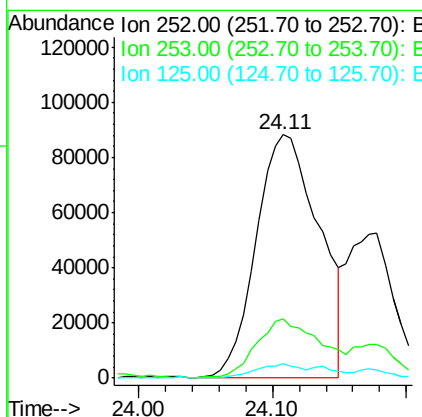
RT: 24.11 min Scan# 3620

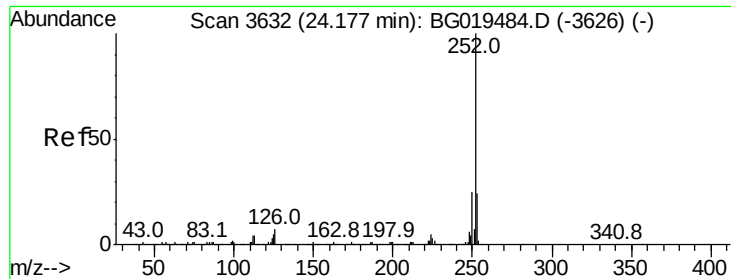
Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Tgt Ion:	252	Resp:	287144
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	5.7	2.5	3.7#





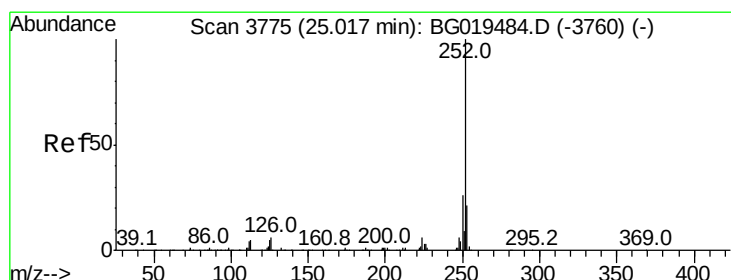
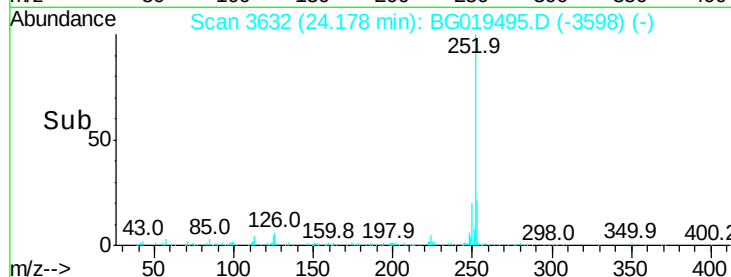
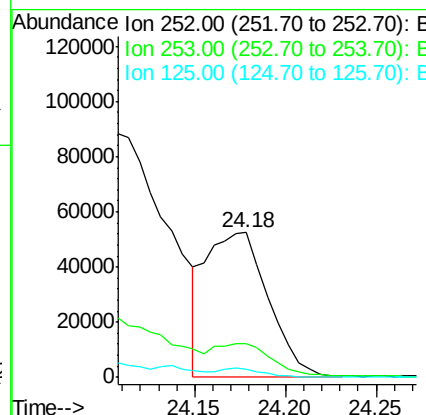
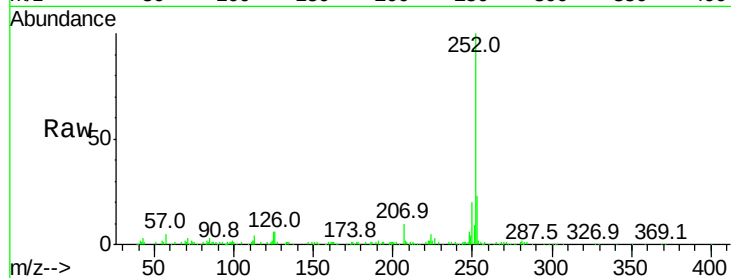
#89
Benzo(k)fluoranthene
Concen: 4.84 ng/ul
RT: 24.18 min Scan# 3632
Delta R.T. 0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

Instrument :
BNA_G
ClientSampleId :
C0AP5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	5.7	3.1	4.7

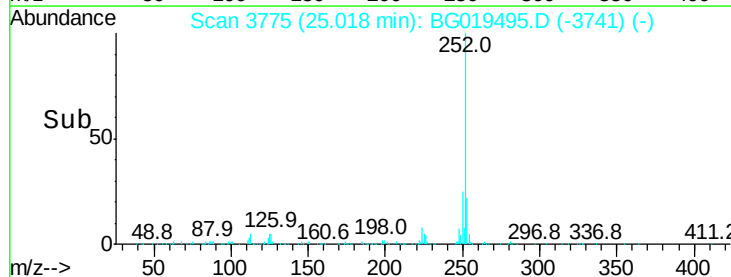
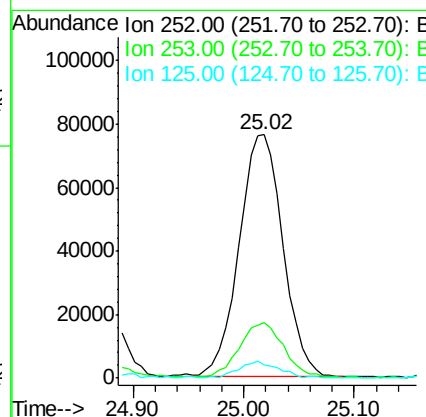
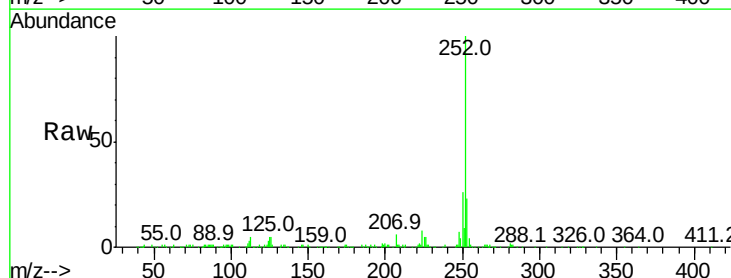
Manual Integrations
APPROVED

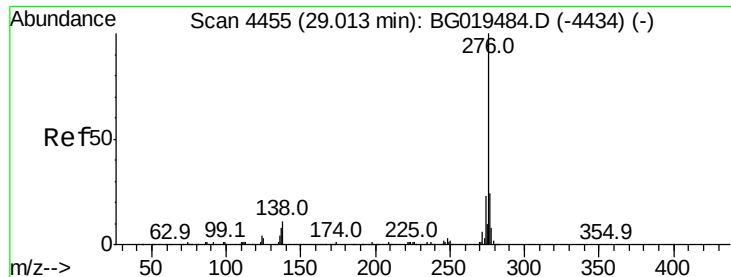
Mmdadoda
11/6/2015 3:43:36 PM



#91
Benzo(a)pyrene
Concen: 8.36 ng/ul
RT: 25.02 min Scan# 3775
Delta R.T. 0.00 min
Lab File: BG019495.D
Acq: 5 Nov 2015 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	5.4	3.3	4.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.72 ng/ul

RT: 29.01 min Scan# 4455

Delta R.T. 0.00 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Instrument :

BNA_G

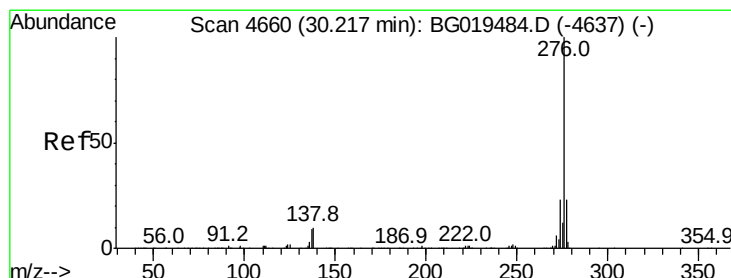
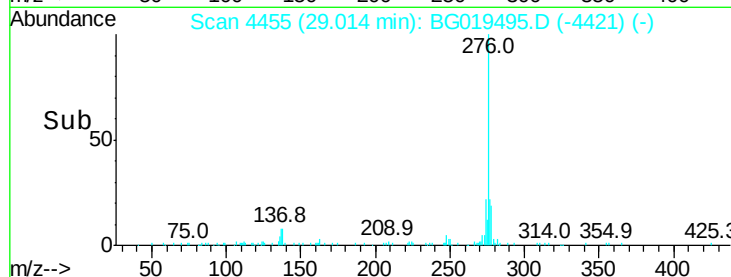
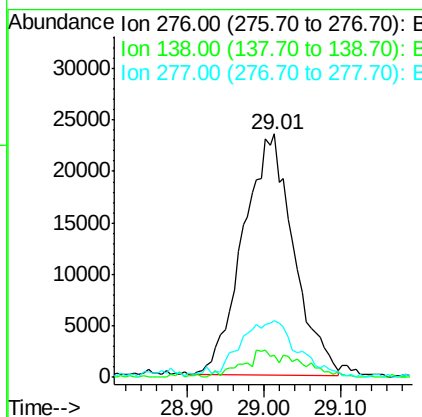
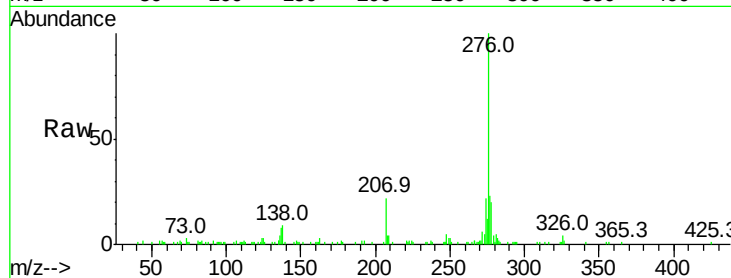
ClientSampleId :

C0AP5

Tot Ion:	276	Resp:	106786
Ion Ratio	Lower	Upper	
276	100		
138	9.2	6.2	9.4
277	23.3	17.9	26.9

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:43:36 PM



#94

Benzo(g,h,i)perylene

Concen: 3.70 ng/ul m

RT: 30.20 min Scan# 4657

Delta R.T. -0.02 min

Lab File: BG019495.D

Acq: 5 Nov 2015 16:45

Tgt Ion:	276	Resp:	80599
Ion Ratio	Lower	Upper	
276	100		
138	8.1	5.6	8.4
277	25.5	16.0	24.0#

