

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
 Data File : BG019497.D
 Acq On : 5 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4273-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

Quant Time: Nov 06 02:17:11 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	37870	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	157203	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	124939	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	347712	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	459083	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	440023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3352	4.24	ng/uL	0.00
5) Phenol-d5	7.33	99	64080	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	45293	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	40897	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	52951	19.12	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	22414	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	26912	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	54994	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	64464	21.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	204786	19.88	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	226315	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	29780	18.20	ng/ul	-0.01
58) Fluorene-d10	15.79	176	184725	19.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	38863	17.27	ng/ul	0.00
71) Anthracene-d10	17.64	188	326900	20.62	ng/ul	0.00
79) Pyrene-d10	19.92	212	410957	20.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	457221	20.71	ng/ul	0.00

Target Compounds

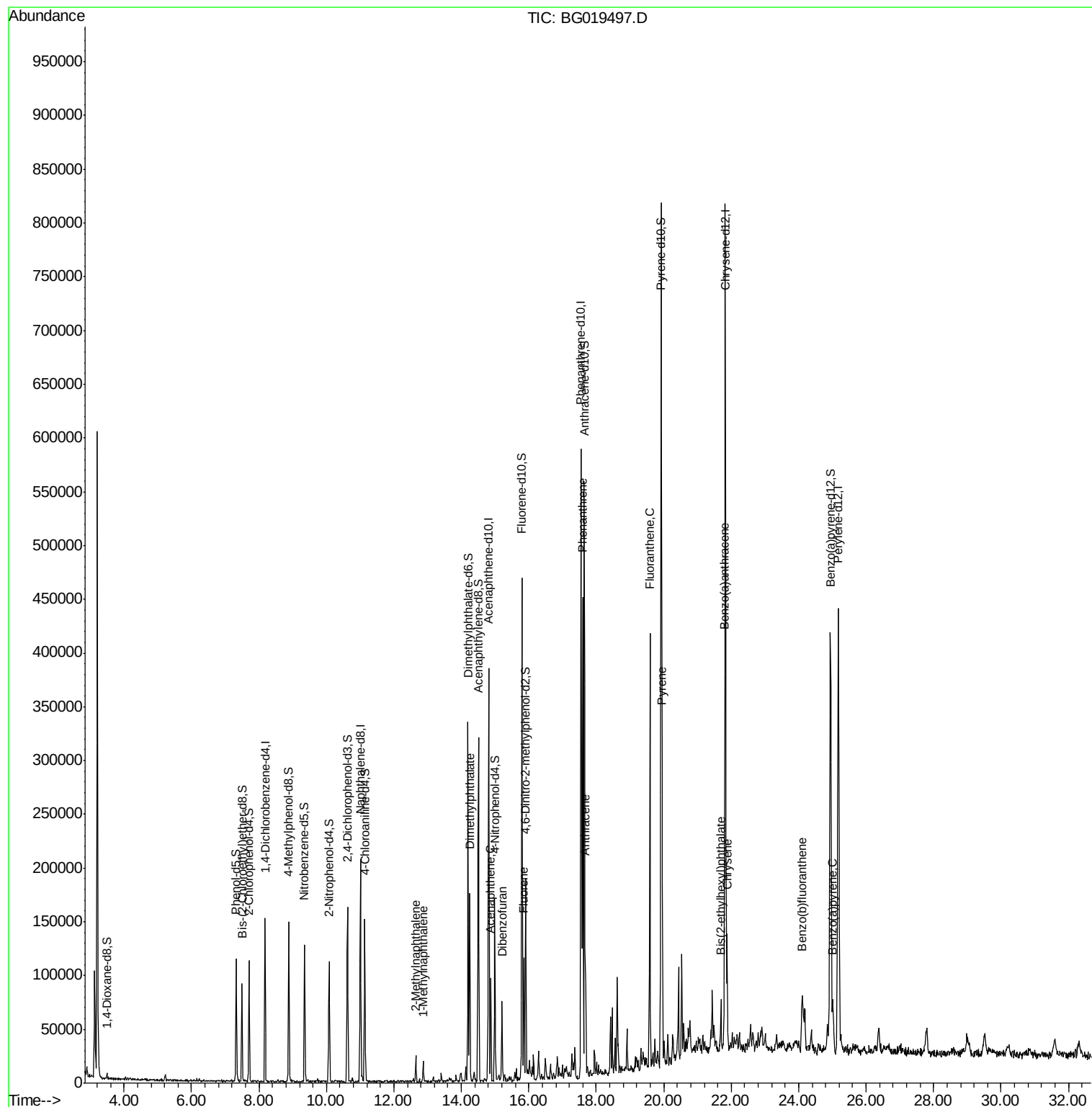
					Qvalue
34) 2-Methylnaphthalene	12.65	142	8557	1.35 ng/ul	94
35) 1-Methylnaphthalene	12.87	142	7297	1.22 ng/ul#	82
45) Dimethylphthalate	14.25	163	96692	9.18 ng/ul	100
50) Acenaphthene	14.87	153	39908	5.06 ng/ul	88
54) Dibenzofuran	15.21	168	35543	3.06 ng/ul	99
59) Fluorene	15.85	166	48346	4.77 ng/ul#	95
70) Phenanthrene	17.59	178	258062	14.71 ng/ul	95
72) Anthracene	17.68	178	97607	5.46 ng/ul	96
77) Fluoranthene	19.59	202	252478	11.11 ng/ul#	96
80) Pyrene	19.95	202	183034	7.10 ng/ul#	95
83) Benzo(a)anthracene	21.80	228	88493	3.31 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.69	149	15354	1.29 ng/ul#	96
85) Chrysene	21.87	228	75024	2.99 ng/ul	97
88) Benzo(b)fluoranthene	24.11	252	70670	2.72 ng/ul#	95
91) Benzo(a)pyrene	25.01	252	52990	2.13 ng/ul#	93

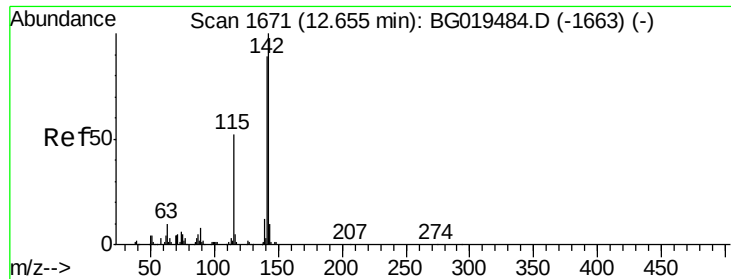
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
Data File : BG019497.D
Acq On : 5 Nov 2015 18:02
Operator : UM/NP
Sample : G4273-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP7

Quant Time: Nov 06 02:17:11 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

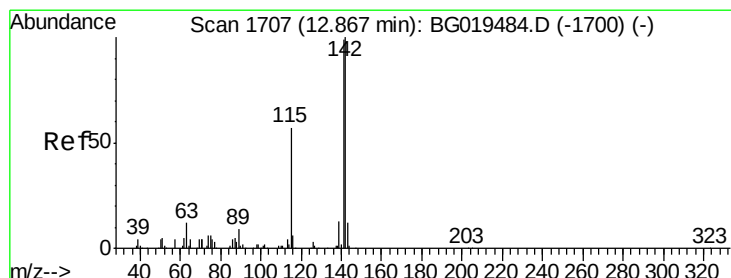
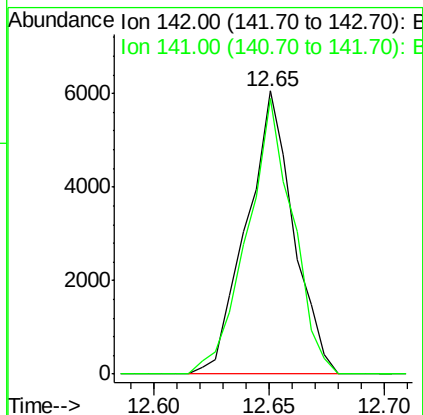
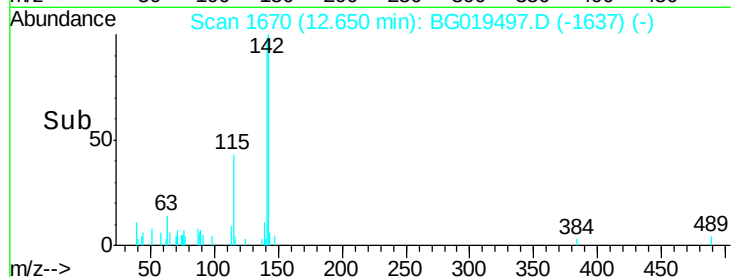
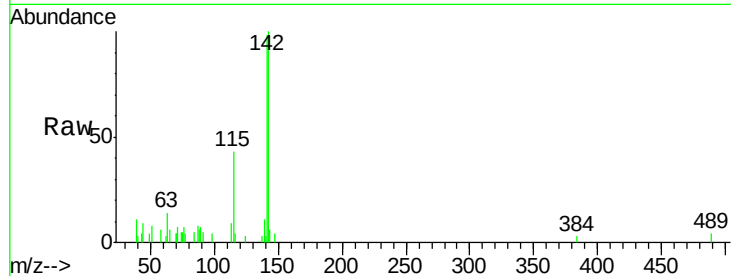




#34
 2-Methylnaphthalene
 Concen: 1.35 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG019497.D
 Acq: 5 Nov 2015 18:02

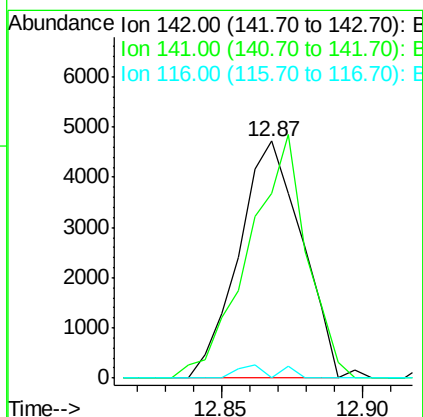
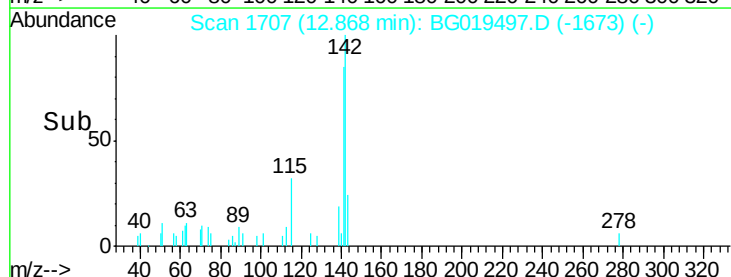
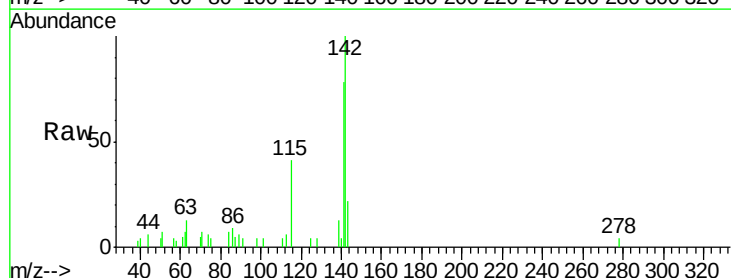
Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

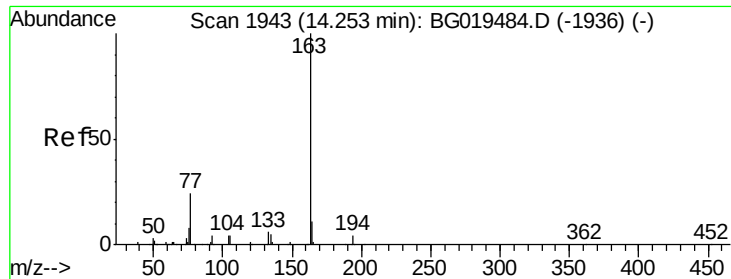
Tgt Ion:142 Resp: 8557
 Ion Ratio Lower Upper
 142 100
 141 97.6 73.4 110.2



#35
 1-Methylnaphthalene
 Concen: 1.22 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG019497.D
 Acq: 5 Nov 2015 18:02

Tgt Ion:142 Resp: 7297
 Ion Ratio Lower Upper
 142 100
 141 77.9 76.5 114.7
 116 0.0 5.4 8.0#





#45

Dimethylphthalate

Concen: 9.18 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

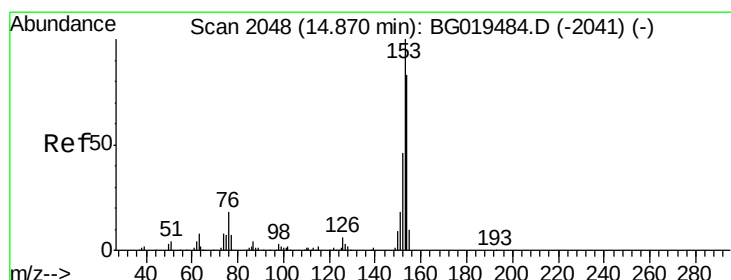
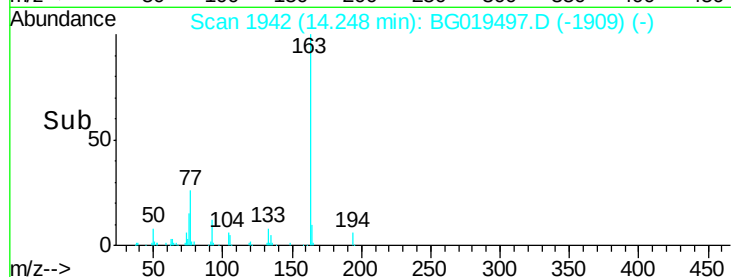
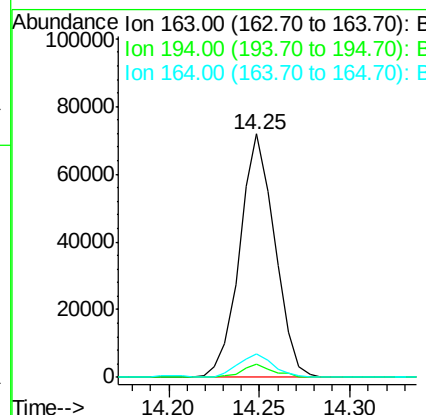
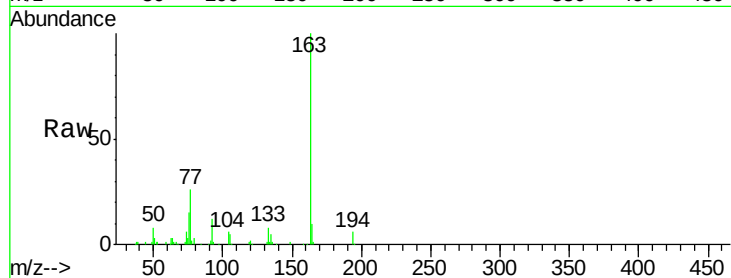
Instrument :

BNA_G

ClientSampled :

C0AP7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.3	6.5
164	9.5	7.5	11.3



#50

Acenaphthene

Concen: 5.06 ng/ul

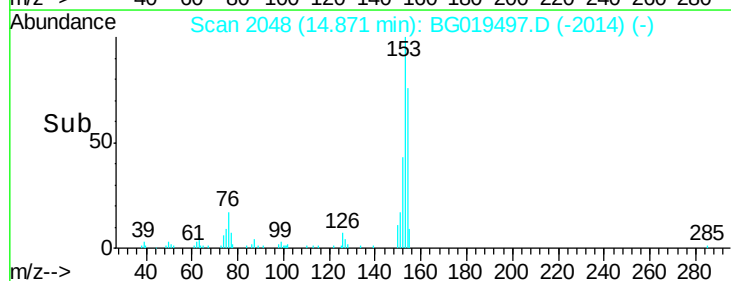
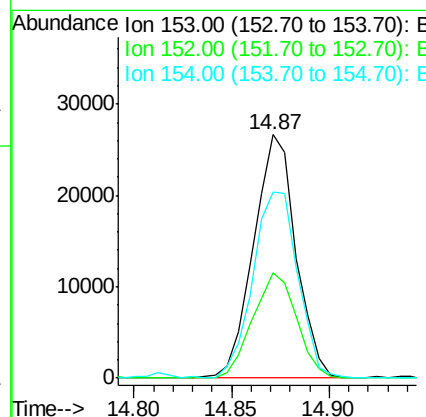
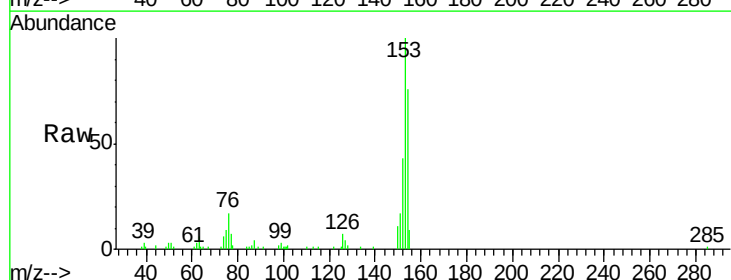
RT: 14.87 min Scan# 2048

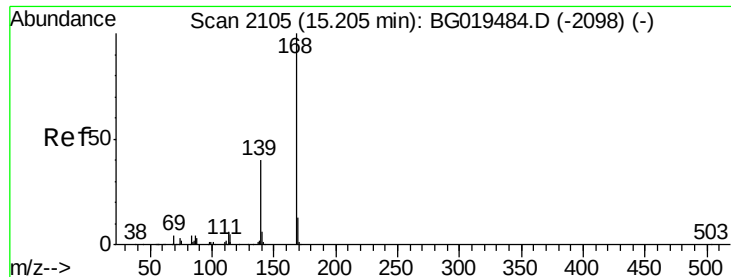
Delta R.T. 0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	43.2	38.8	58.2
154	76.4	71.5	107.3





#54

Dibenzo(f,h)quinoxaline

Concen: 3.06 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

Instrument :

BNA_G

ClientSampleId :

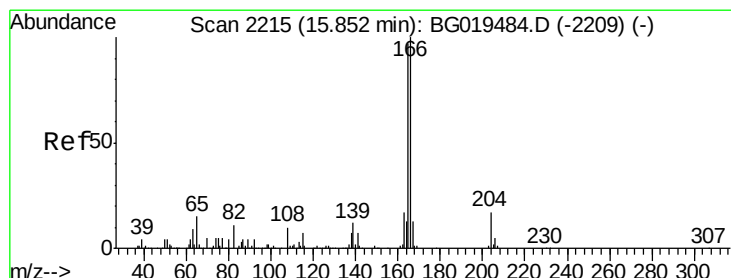
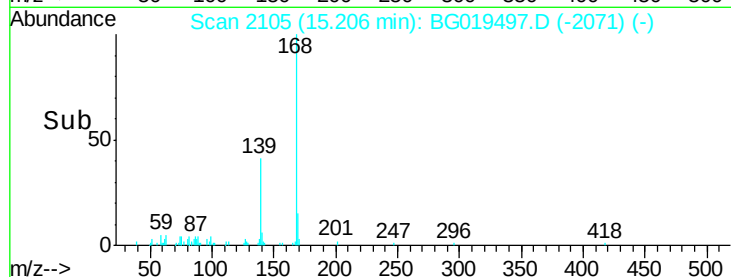
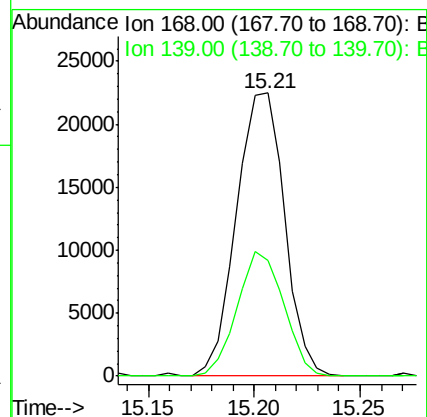
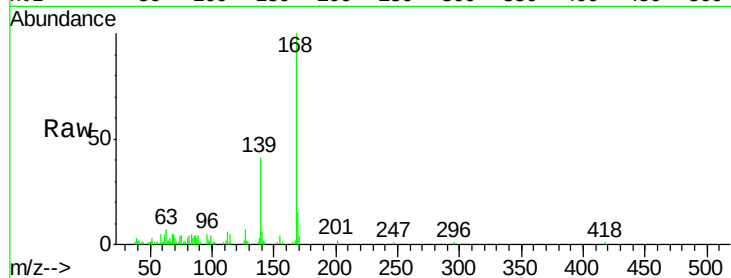
C0AP7

Tgt Ion:168 Resp: 35543

Ion Ratio Lower Upper

168 100

139 40.9 32.4 48.6



#59

Fluorene

Concen: 4.77 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

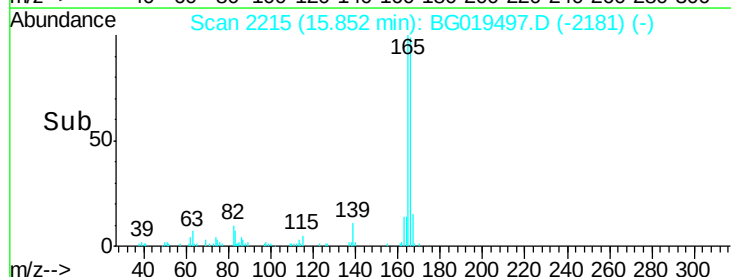
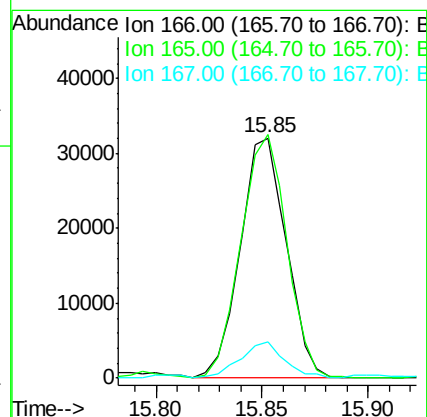
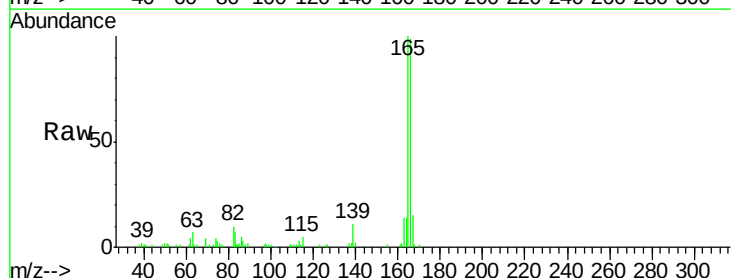
Tgt Ion:166 Resp: 48346

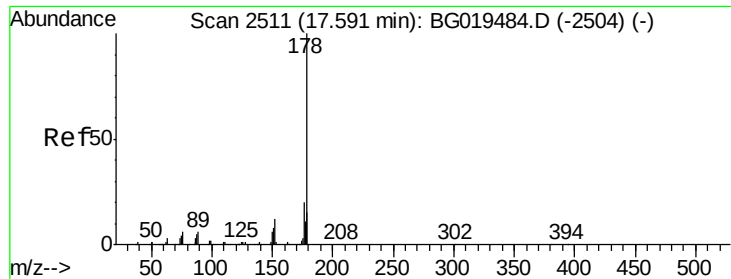
Ion Ratio Lower Upper

166 100

165 101.4 77.6 116.4

167 15.2 9.6 14.4#





#70

Phenanthrene

Concen: 14.71 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

Instrument :

BNA_G

ClientSampleId :

C0AP7

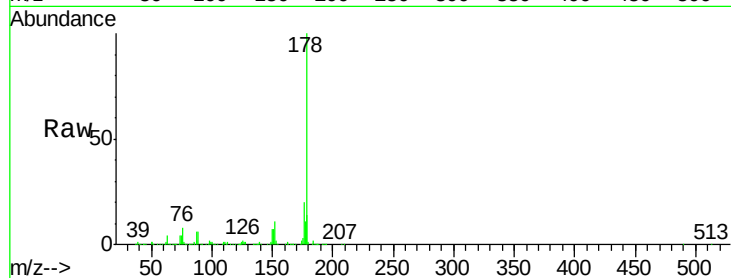
Tgt Ion:178 Resp: 258062

Ion Ratio Lower Upper

178 100

179 14.0 12.6 18.8

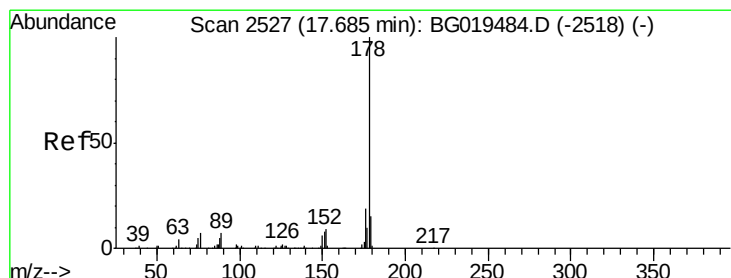
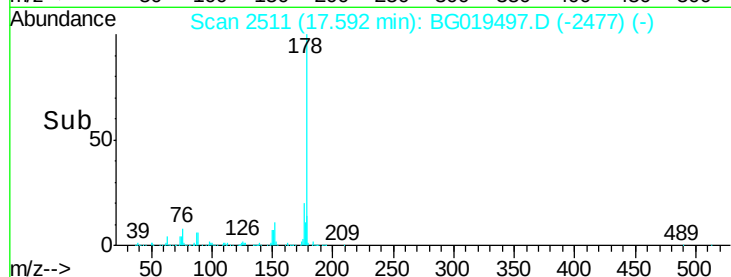
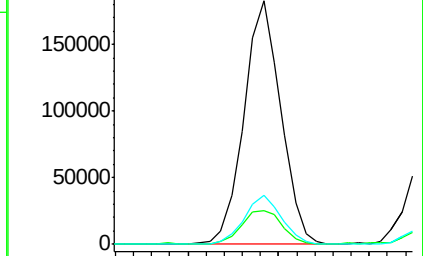
176 20.4 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 5.46 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

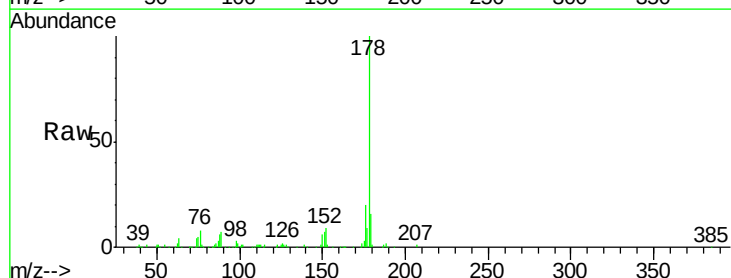
Tgt Ion:178 Resp: 97607

Ion Ratio Lower Upper

178 100

179 15.7 11.6 17.4

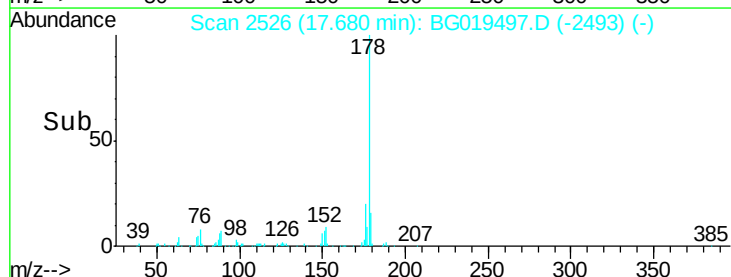
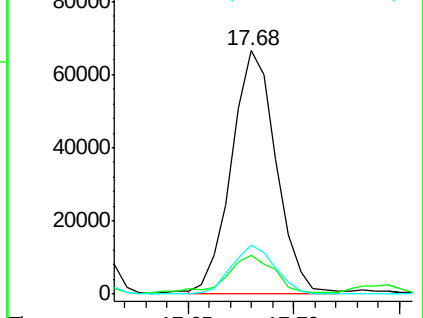
176 20.0 14.2 21.4

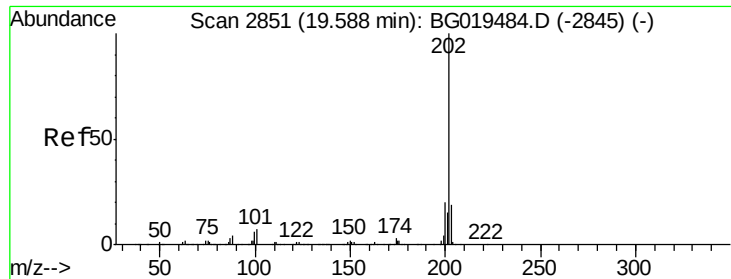


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

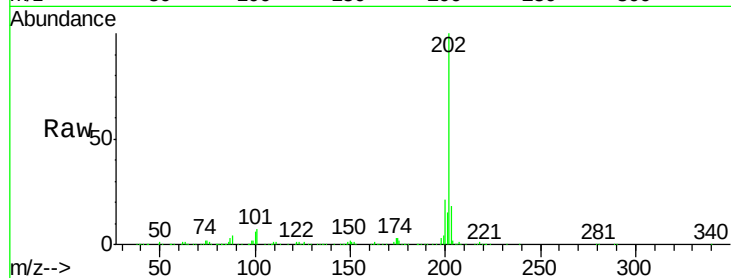




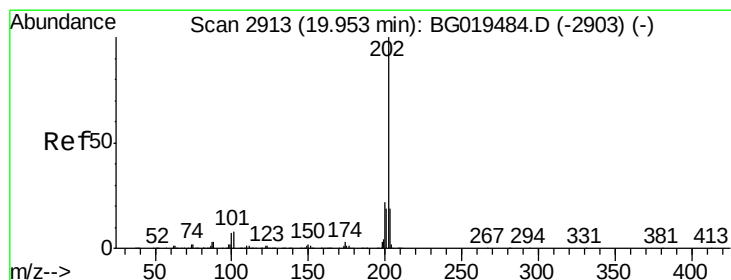
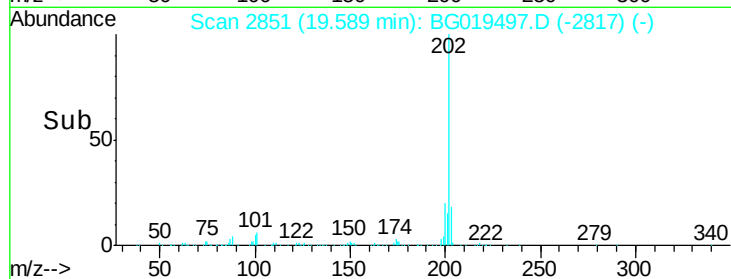
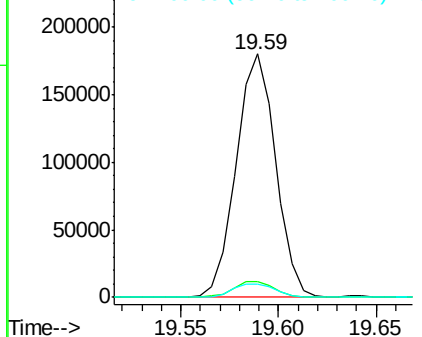
#77
Fluoranthene
Concen: 11.11 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG019497.D
Acq: 5 Nov 2015 18:02

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.0	6.0#
100	5.5	3.6	5.4#

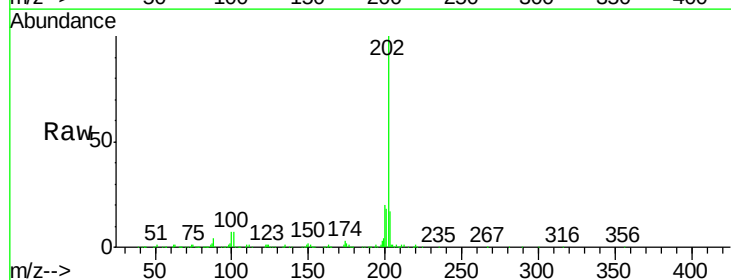


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

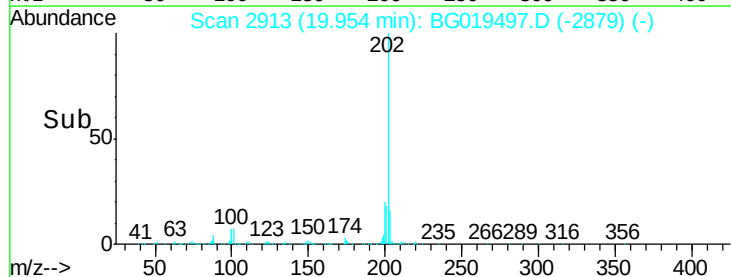
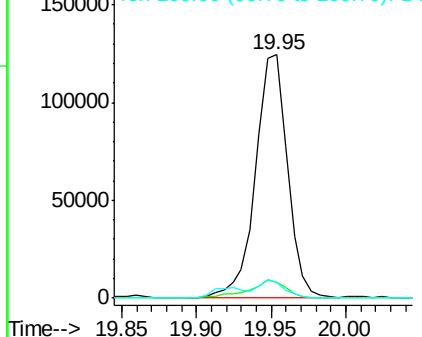


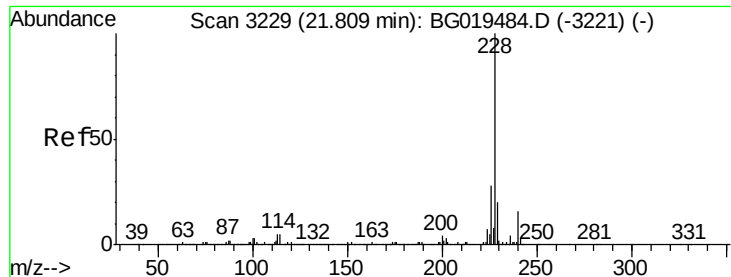
#80
Pyrene
Concen: 7.10 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG019497.D
Acq: 5 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.3	6.5#
100	6.6	3.6	5.4#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

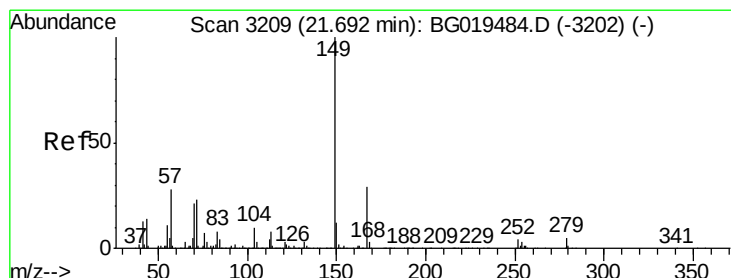
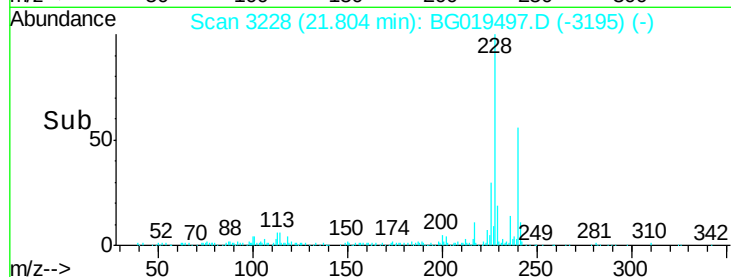
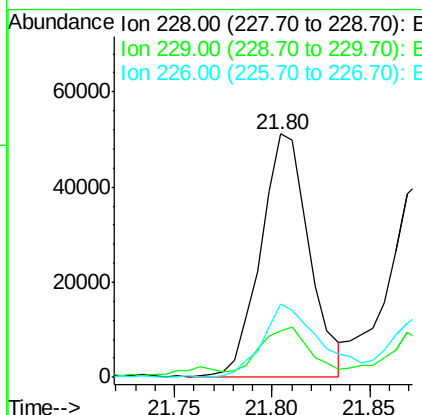
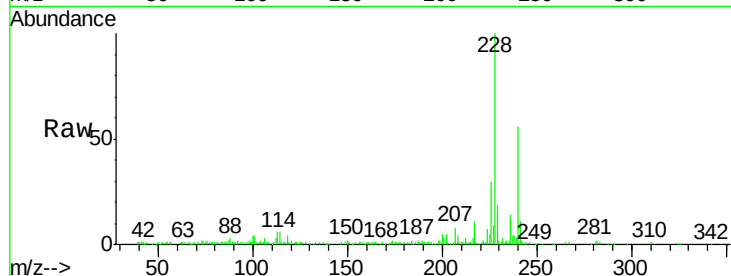




#83
 Benzo(a)anthracene
 Concen: 3.31 ng/ul
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.00 min
 Lab File: BG019497.D
 Acq: 5 Nov 2015 18:02

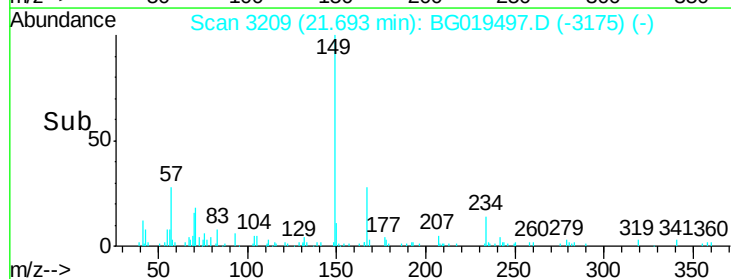
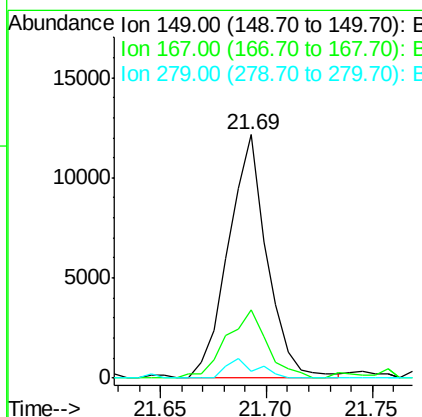
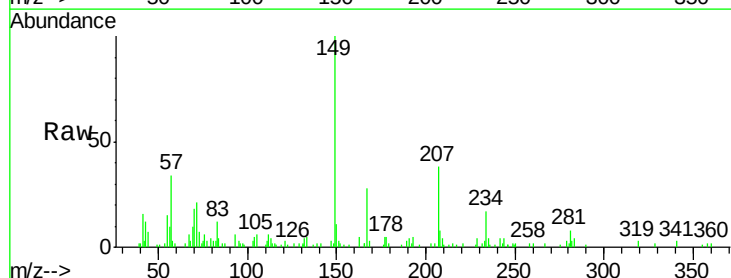
Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

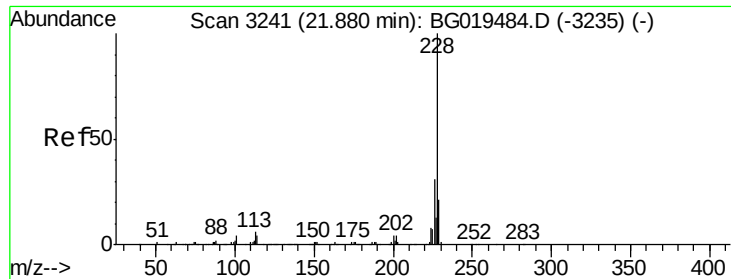
Tgt Ion:228 Resp: 88493
 Ion Ratio Lower Upper
 228 100
 229 19.3 15.8 23.8
 226 30.3 21.8 32.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.29 ng/ul
 RT: 21.69 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: BG019497.D
 Acq: 5 Nov 2015 18:02

Tgt Ion:149 Resp: 15354
 Ion Ratio Lower Upper
 149 100
 167 27.8 23.2 34.8
 279 3.0 5.0 7.4#





#85

Chrysene

Concen: 2.99 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

Instrument :

BNA_G

ClientSampleId :

C0AP7

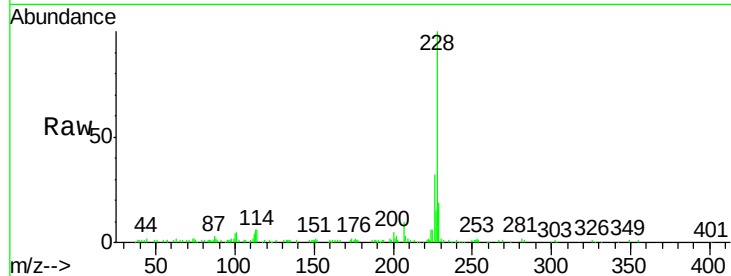
Tgt Ion:228 Resp: 75024

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

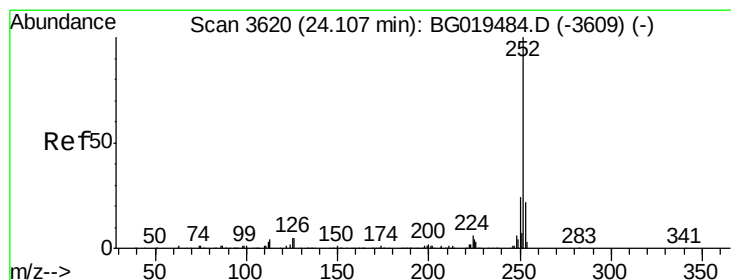
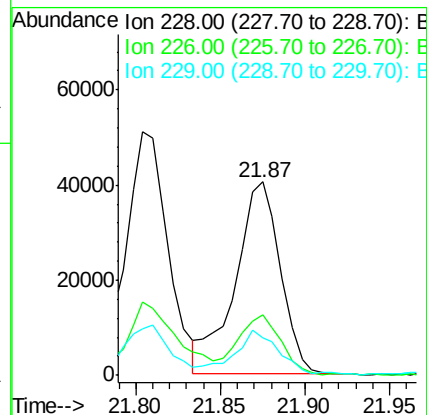
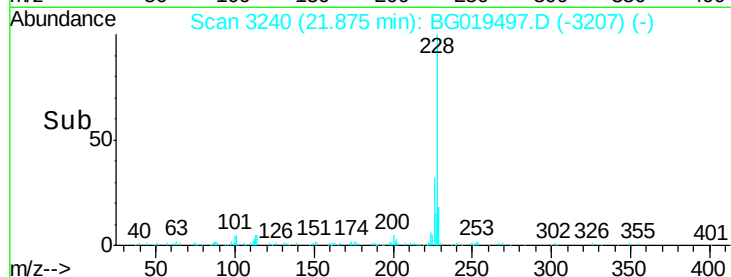
229 19.1 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 2.72 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG019497.D

Acq: 5 Nov 2015 18:02

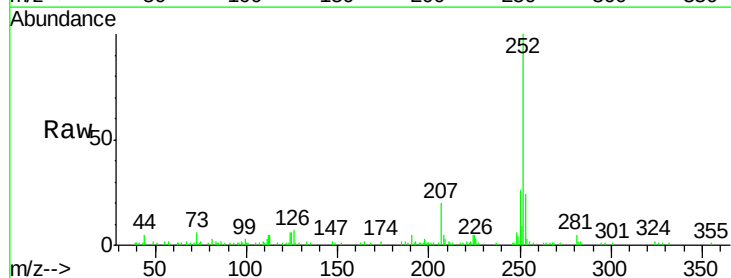
Tgt Ion:252 Resp: 70670

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

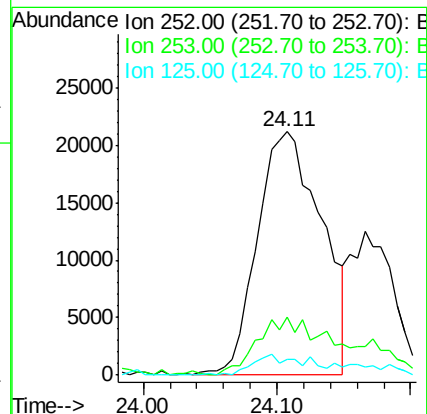
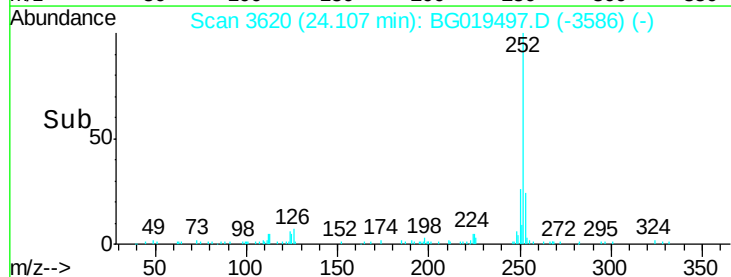
125 6.3 2.5 3.7#

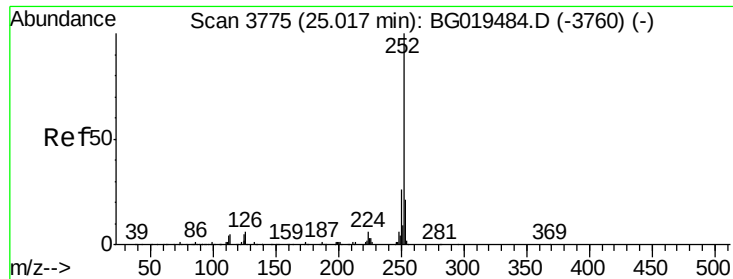


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.13 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. -0.00 min

Lab File: BG019497.D

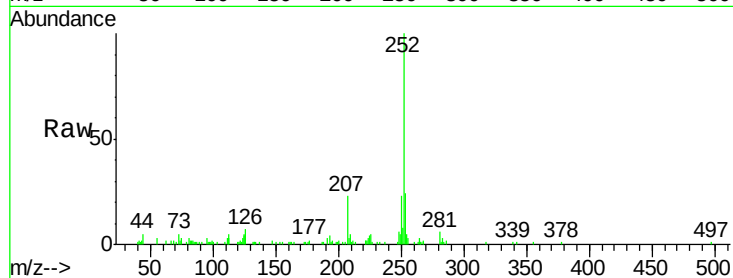
Acq: 5 Nov 2015 18:02

Instrument :

BNA_G

ClientSampleId :

C0AP7



Tgt Ion:252 Resp: 52990

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

125 5.0 3.3 4.9#

