

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018198.D
 Acq On : 1 Aug 2015 1:41
 Operator : TP/UM
 Sample : G3073-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Q4

Manual Integrations
 APPROVED

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 8/4/2015 12:22:31 PM

Quant Time: Aug 01 06:01:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	34477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	167518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	113166	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	253545	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	248916	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	252445	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.97	96	2998m	6.57	ng/uL	0.00
5) Phenol-d5	6.67	99	96858	31.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	50879	32.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	73681	31.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	81717	32.37	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	38963	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	41820	27.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	83623	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	85851	25.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	283523	32.42	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	290013	28.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	44035	27.21	ng/ul	0.00
58) Fluorene-d10	15.15	176	212722	26.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	26812	15.15	ng/ul	0.00
71) Anthracene-d10	17.01	188	304911	27.66	ng/ul	0.00
79) Pyrene-d10	19.31	212	275776	22.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	273881	21.45	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.62	163	149027	17.13	ng/ul	100
70) Phenanthrene	16.95	178	31692	2.46	ng/ul	99
77) Fluoranthene	18.98	202	34761	2.46	ng/ul	97
80) Pyrene	19.34	202	28324	1.88	ng/ul	96
85) Chrysene	21.15	228	13287	1.08	ng/ul	98
88) Benzo(b)fluoranthene	22.63	252	16173	1.07	ng/ul#	87

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

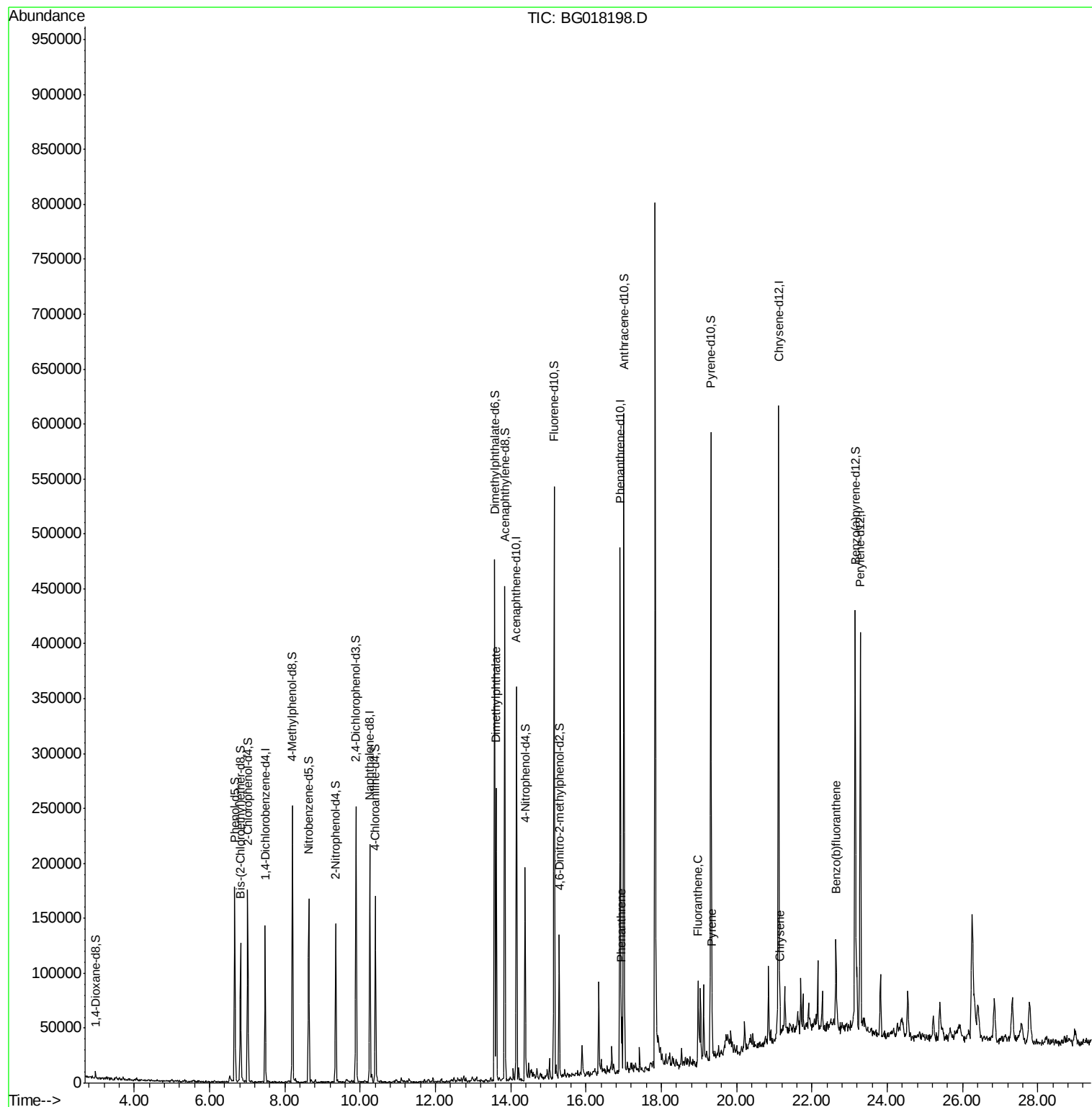
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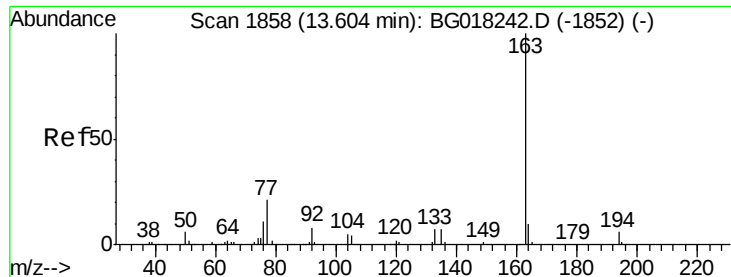
Instrument :
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Quant Title : SVOA CALIBRATION
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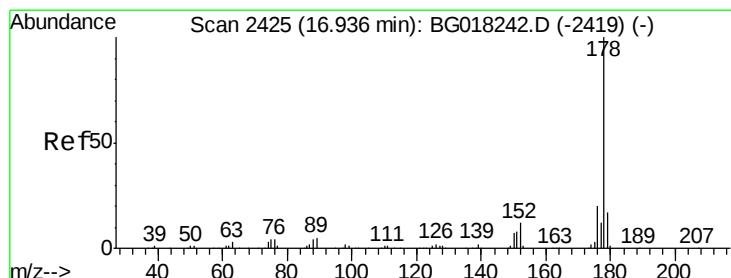
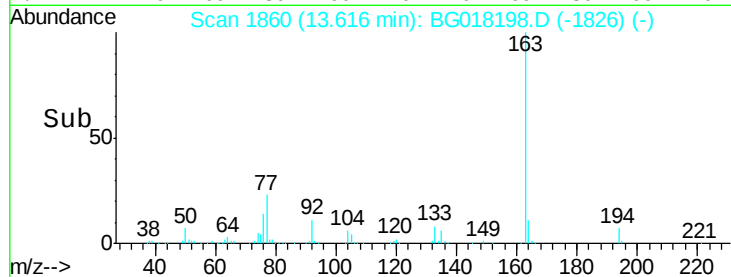
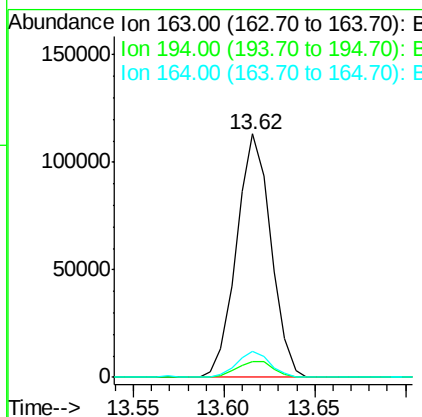
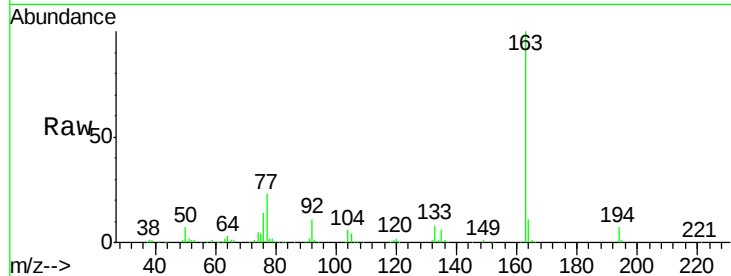
#45
Dimethylphthalate
Concen: 17.13 ng/ul
RT: 13.62 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG018198.D
Acq: 1 Aug 2015 1:41

Instrument :
BNA_G
ClientSampleId :
C01Q4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	149027		
194	6.7	5.2	7.8	
164	10.6	8.4	12.6	

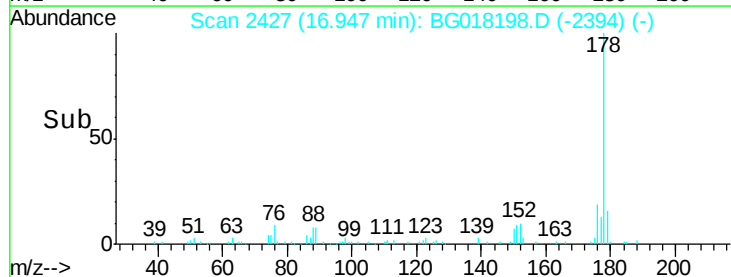
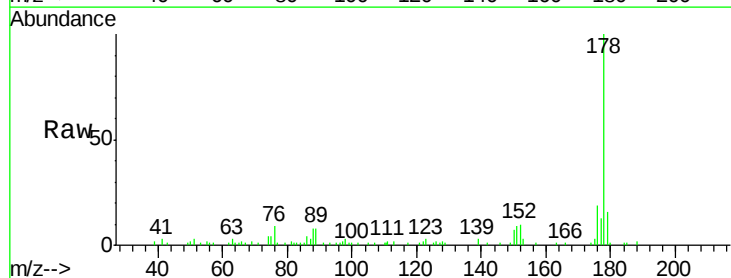
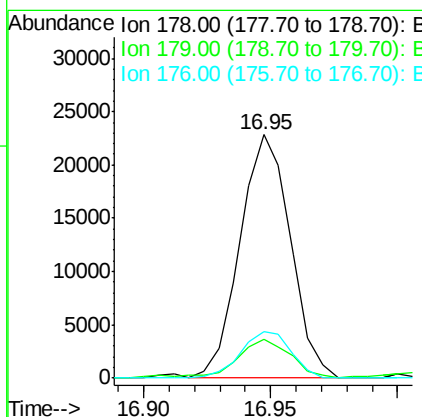
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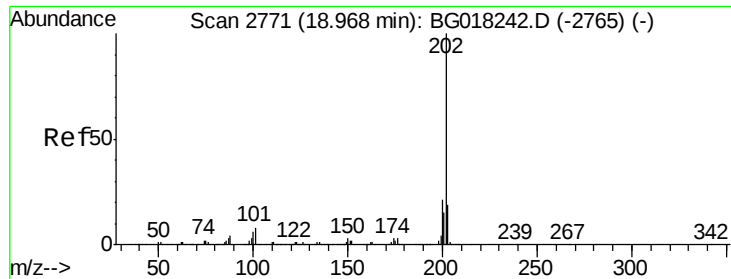
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#70
Phenanthrene
Concen: 2.46 ng/ul
RT: 16.95 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG018198.D
Acq: 1 Aug 2015 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	31692		
179	15.9	12.8	19.2	
176	19.0	16.0	24.0	





#77

Fluoranthene

Concen: 2.46 ng/ul

RT: 18.98 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG018198.D

Acq: 1 Aug 2015 1:41

Instrument :

BNA_G

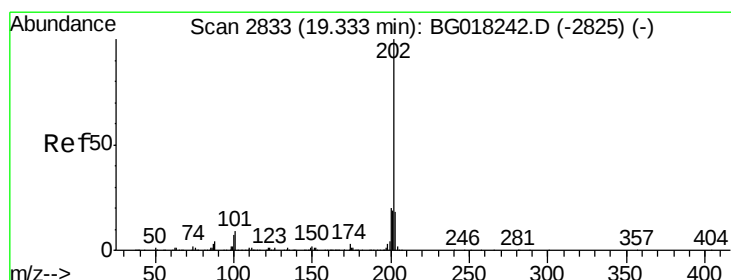
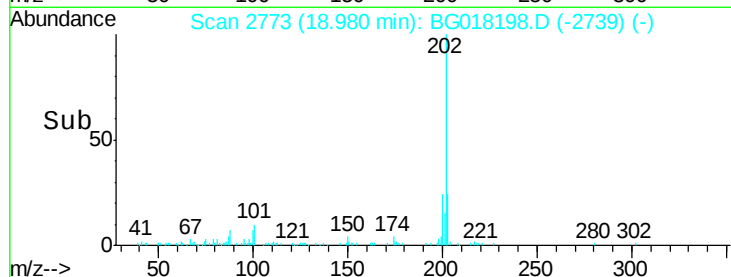
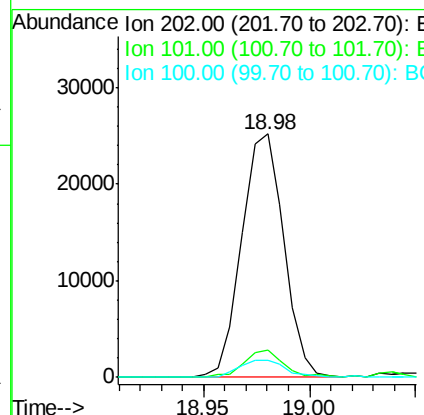
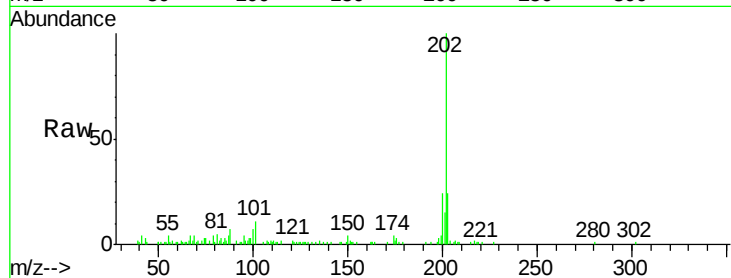
ClientSampleId :

C01Q4

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		34761		
101	11.2	7.5	11.3		
100	7.1	5.5	8.3		

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#80

Pyrene

Concen: 1.88 ng/ul

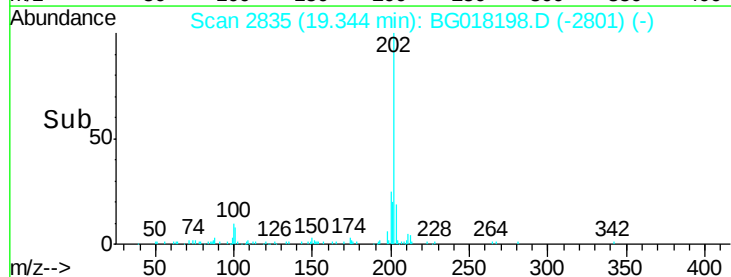
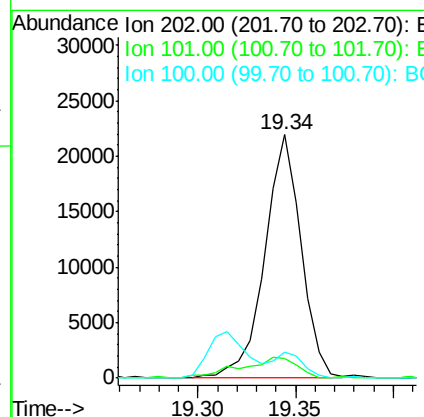
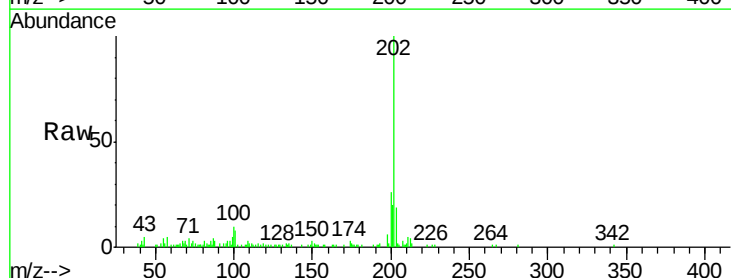
RT: 19.34 min Scan# 2835

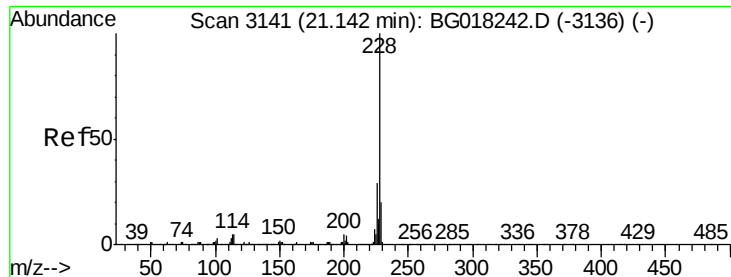
Delta R.T. -0.00 min

Lab File: BG018198.D

Acq: 1 Aug 2015 1:41

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		28324		
101	8.3	8.1	12.1		
100	10.5	7.4	11.0		





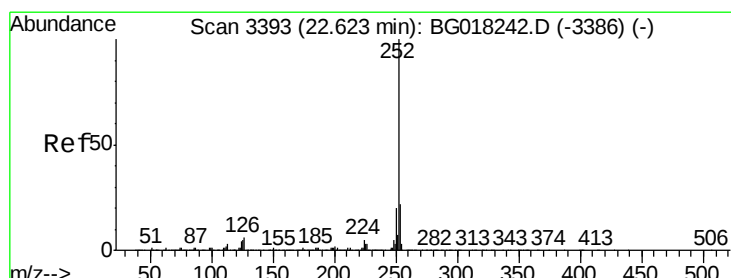
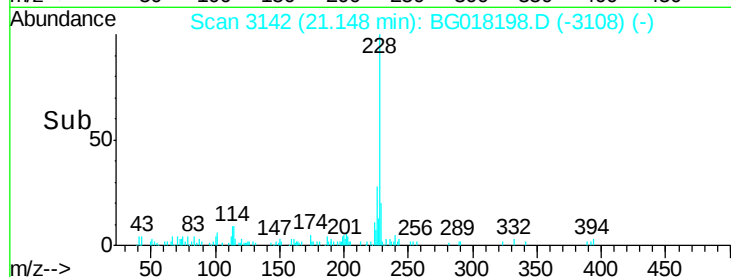
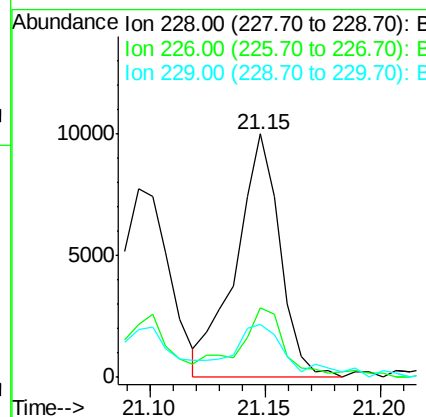
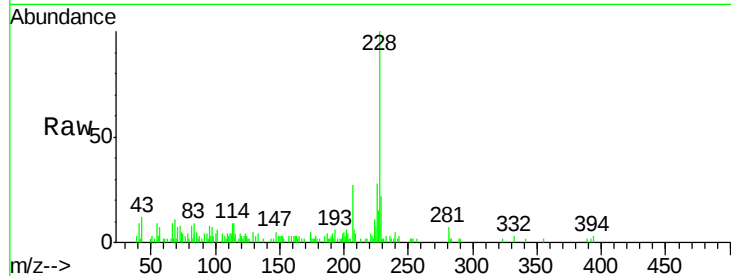
#85
Chrysene
Concen: 1.08 ng/ul
RT: 21.15 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG018198.D
Acq: 1 Aug 2015 1:41

Instrument :
BNA_G
ClientSampleId :
C01Q4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	13287		
226	28.4	22.7	34.1	
229	21.9	16.2	24.2	

Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 1.07 ng/ul
RT: 22.63 min Scan# 3395
Delta R.T. -0.00 min
Lab File: BG018198.D
Acq: 1 Aug 2015 1:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	16173		
253	29.0	18.5	27.7#	
125	14.2	7.4	11.0#	

