

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021942.D
 Acq On : 18 May 2016 21:16
 Operator : UM/SJ
 Sample : H3092-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC4

Manual Integrations
 APPROVED

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 5/19/2016 7:09:36 PM

Quant Time: May 19 03:40:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	24904	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	135887	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	84952	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	188505	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	160574	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	146213	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2217	4.08	ng/uL	0.00
3) Phenol-d5	7.31	99	32759	14.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	22646	19.34	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	33619	18.62	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	12378	6.32	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	18669	19.58	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	19473	19.14	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	30393m	16.90	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	29230m	20.64	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	137939m	21.06	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	181602	21.52	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	10081m	8.75	ng/ul	0.01
21) Fluorene-d10	15.77	176	125382	21.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11505	12.30	ng/ul	0.00
26) Anthracene-d10	17.63	188	174026	20.04	ng/ul	0.00
30) Pyrene-d10	19.90	212	191806	22.64	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	139592	21.50	ng/ul	0.00

Target Compounds

						Ovalue
28) Fluoranthene	19.57	202	22521	2.15	ng/ul#	92
31) Pyrene	19.93	202	20968	1.90	ng/ul#	95
32) Benzo(a)anthracene	21.79	228	11590	1.30	ng/ul	97
33) Chrysene	21.85	228	12390m	1.43	ng/ul	
35) Benzo(b)fluoranthene	24.07	252	13208m	1.57	ng/ul	
38) Benzo(a)pyrene	24.97	252	8931	1.11	ng/ul#	88

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

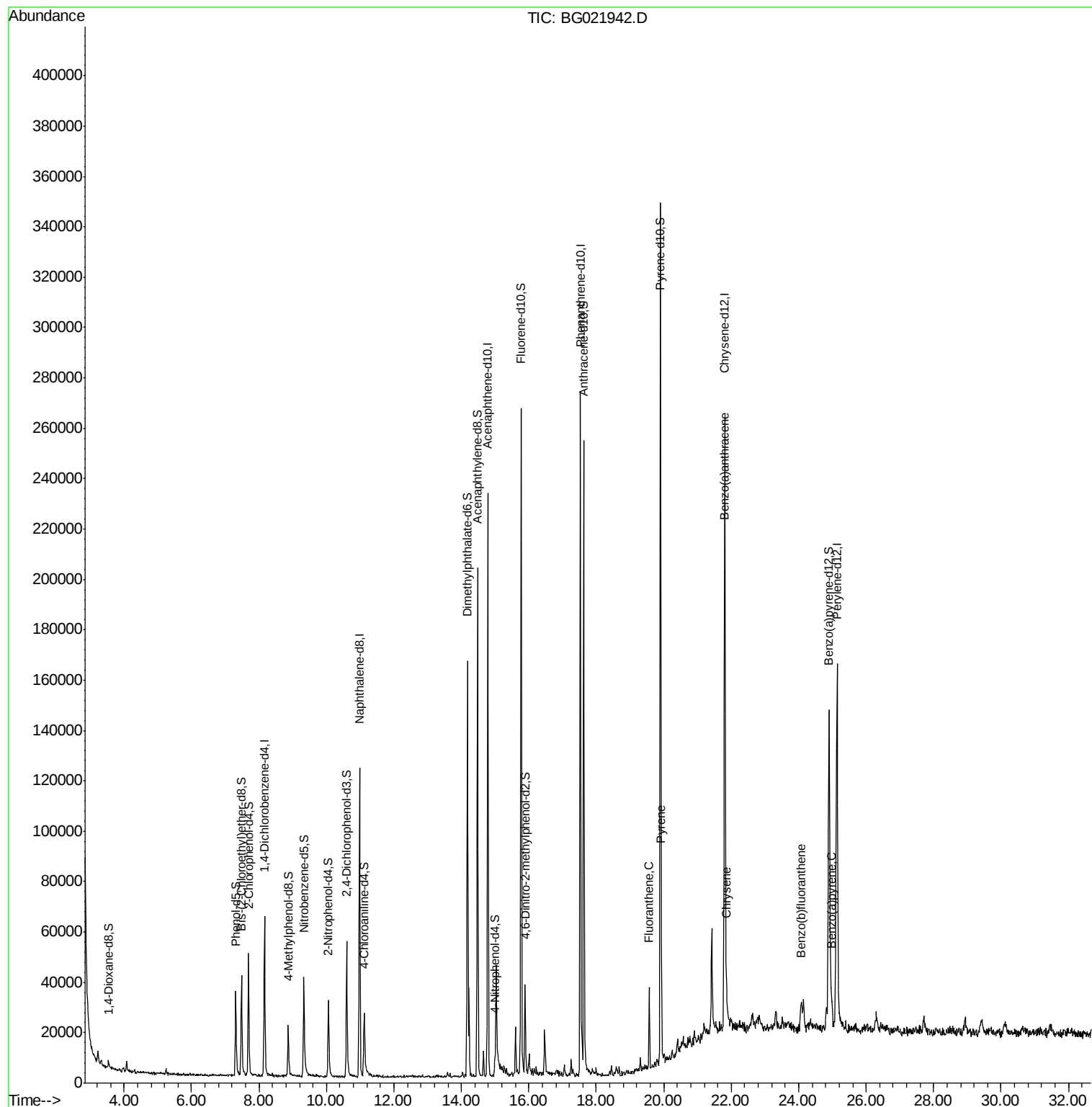
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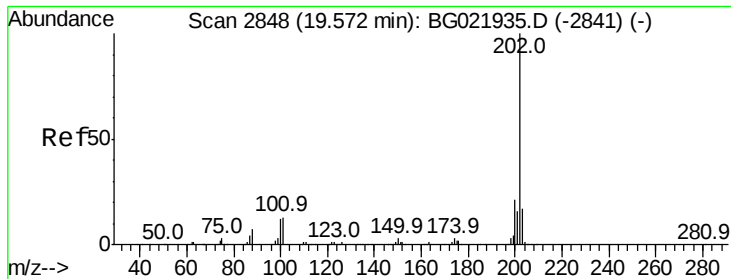
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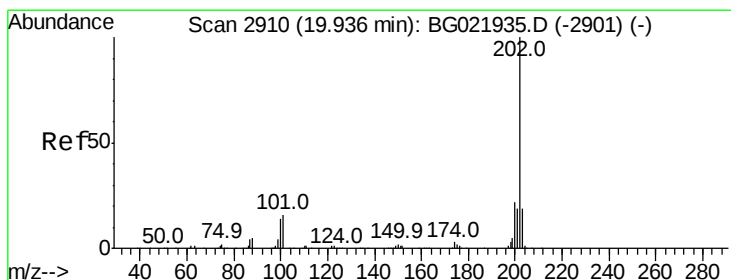
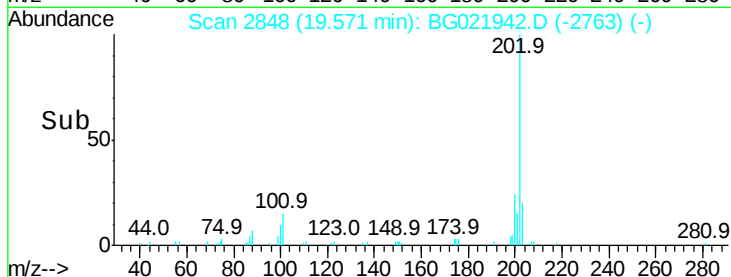
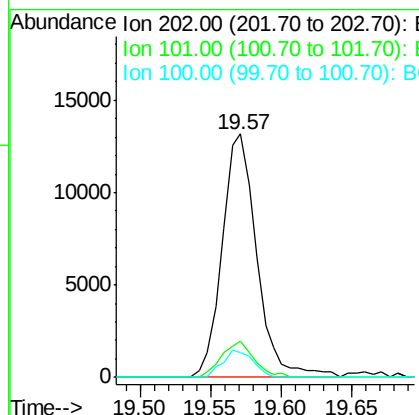
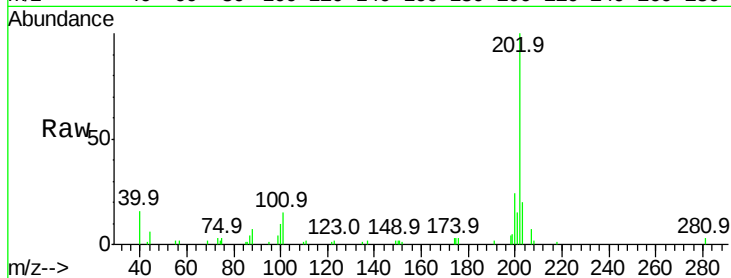
#28
 Fluoranthene
 Concen: 2.15 ng/ul
 RT: 19.57 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG021942.D
 Acq: 18 May 2016 21:16

Instrument :
 BNA_G
 ClientSampleId :
 D9XC4

Tot Ion:	202	Resp:	22521
Ion Ratio	Lower	Upper	
202	100		
101	14.9	8.9	13.3#
100	10.3	7.0	10.4

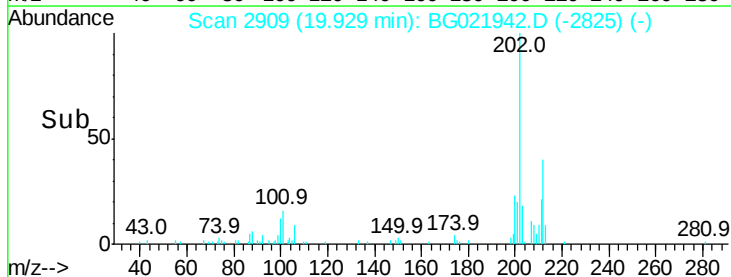
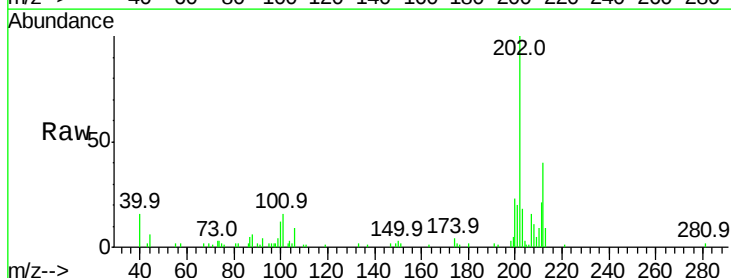
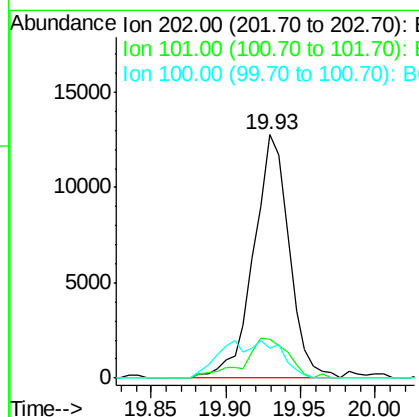
Manual Integrations
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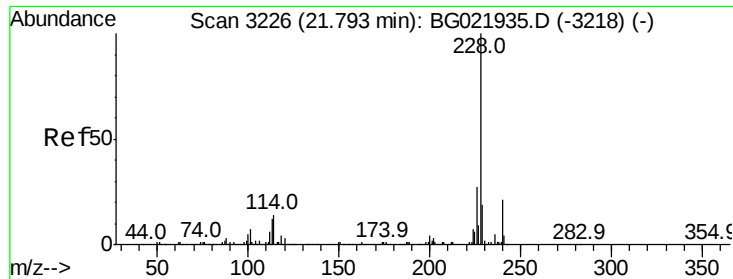
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#31
 Pyrene
 Concen: 1.90 ng/ul
 RT: 19.93 min Scan# 2909
 Delta R.T. -0.01 min
 Lab File: BG021942.D
 Acq: 18 May 2016 21:16

Tgt Ion:	202	Resp:	20968
Ion Ratio	Lower	Upper	
202	100		
101	15.8	9.8	14.8#
100	12.2	9.3	13.9





#32

Benzo(a)anthracene

Concen: 1.30 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG021942.D

Acq: 18 May 2016 21:16

Instrument :

BNA_G

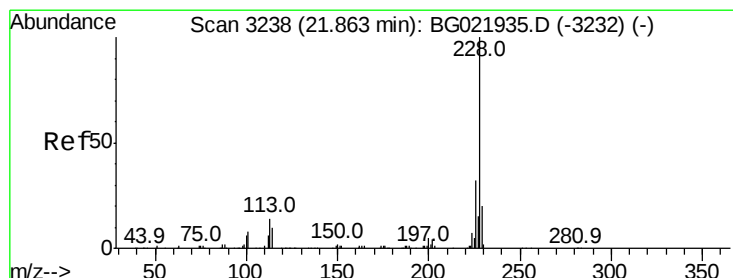
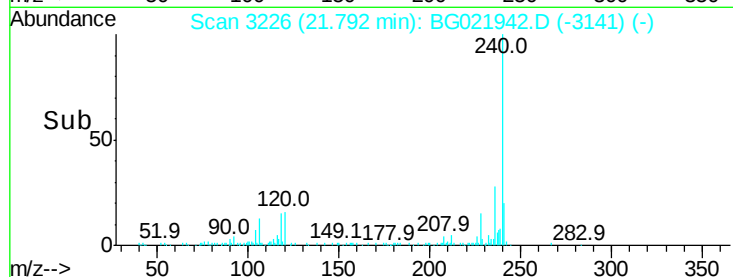
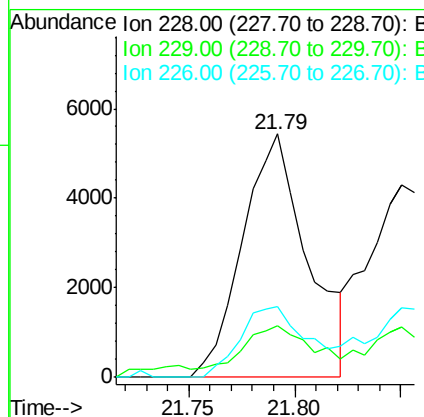
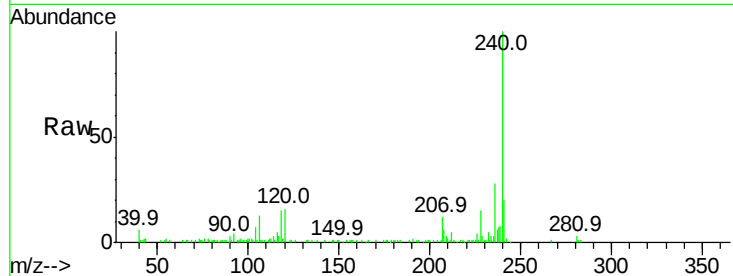
ClientSampleId :

D9XC4

Tot Ion:	228	Resp:	11590
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.6	25.0
226	28.8	21.0	31.4

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#33

Chrysene

Concen: 1.43 ng/ul m

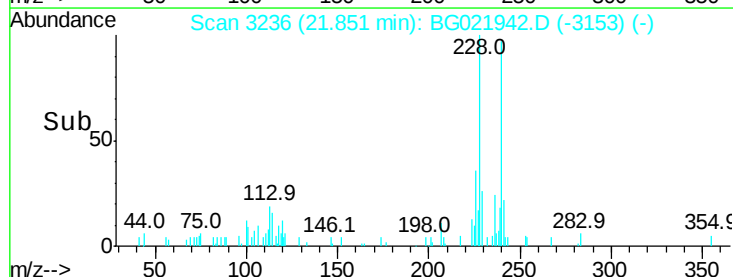
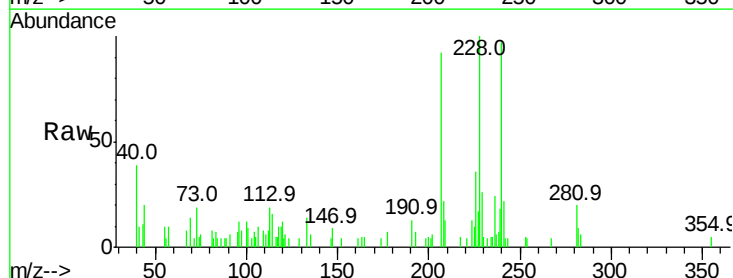
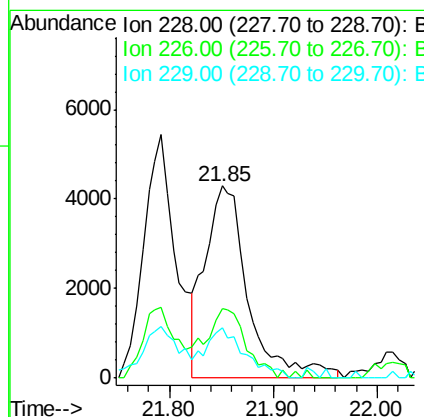
RT: 21.85 min Scan# 3236

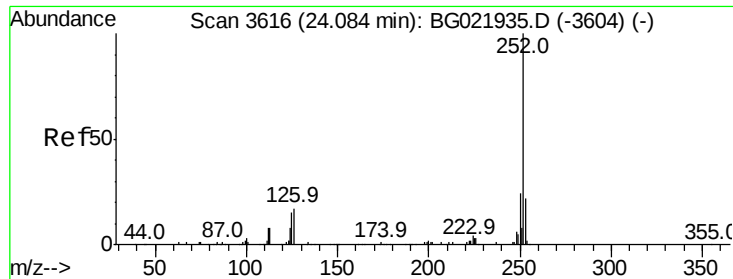
Delta R.T. -0.01 min

Lab File: BG021942.D

Acq: 18 May 2016 21:16

Tgt Ion:	228	Resp:	12390
Ion Ratio	Lower	Upper	
228	100		
226	36.3	23.4	35.2#
229	26.0	16.2	24.2#





#35

Benzo(b)fluoranthene

Concen: 1.57 ng/ul m

RT: 24.07 min Scan# 3614

Delta R.T. -0.01 min

Lab File: BG021942.D

Acq: 18 May 2016 21:16

Instrument :

BNA_G

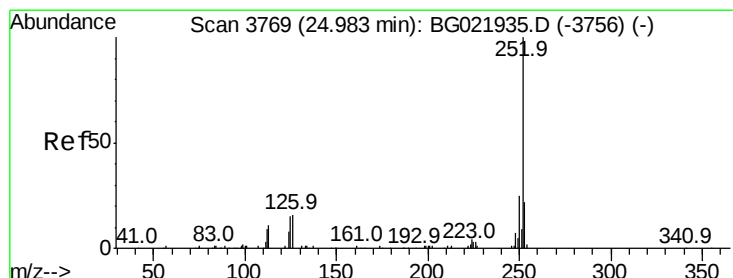
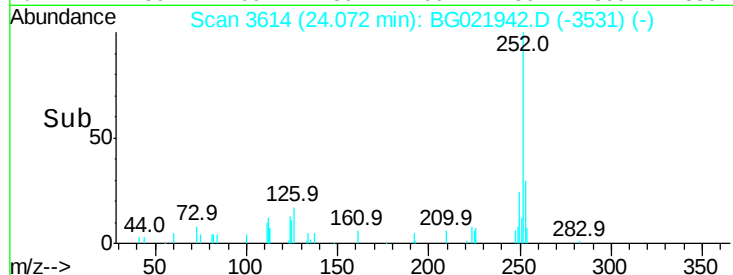
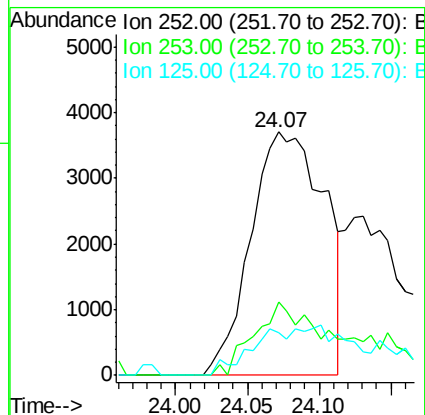
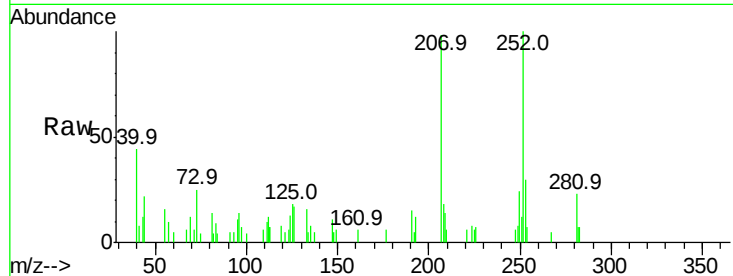
ClientSampleId :

D9XC4

Tot Ion:	252	Resp:	13208
Ion Ratio	Lower	Upper	
252	100		
253	30.3	18.1	27.1#
125	17.7	7.6	11.4#

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#38

Benzo(a)pyrene

Concen: 1.11 ng/ul

RT: 24.97 min Scan# 3767

Delta R.T. -0.01 min

Lab File: BG021942.D

Acq: 18 May 2016 21:16

Tgt Ion:	252	Resp:	8931
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.0
125	22.7	8.2	12.2#

