

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021966.D
 Acq On : 19 May 2016 16:49
 Operator : UM/SJ
 Sample : H3092-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC6

Manual Integrations
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Quant Time: May 20 07:02:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 05:44:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	33872	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	174160	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	94465	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	189117	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	156664	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	149222	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2075	2.81	ng/uL	0.00
3) Phenol-d5	7.32	99	41570	13.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	24731	15.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	38917	15.85	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	23739	8.91	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	19114	15.64	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	21105	16.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	35780	15.53	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	20708	11.41	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	124480	17.09	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	166401	17.74	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	7907m	6.17	ng/ul	0.01
21) Fluorene-d10	15.77	176	110983	16.93	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	9930	10.58	ng/ul	0.00
26) Anthracene-d10	17.63	188	152630m	17.52	ng/ul	0.00
30) Pyrene-d10	19.91	212	153011	18.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	120693	18.21	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	21380	2.12	ng/ul#	90
28) Fluoranthene	19.57	202	38416	3.66	ng/ul#	92
31) Pyrene	19.93	202	35246m	3.27	ng/ul	
32) Benzo(a)anthracene	21.79	228	19540	2.25	ng/ul#	91
33) Chrysene	21.86	228	21761	2.57	ng/ul#	90
35) Benzo(b)fluoranthene	24.08	252	37409	4.36	ng/ul#	92
36) Benzo(k)fluoranthene	24.15	252	9947m	1.18	ng/ul	
38) Benzo(a)pyrene	24.99	252	23018	2.81	ng/ul#	89
41) Benzo(g,h,i)perylene	30.16	276	17890m	2.27	ng/ul	

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

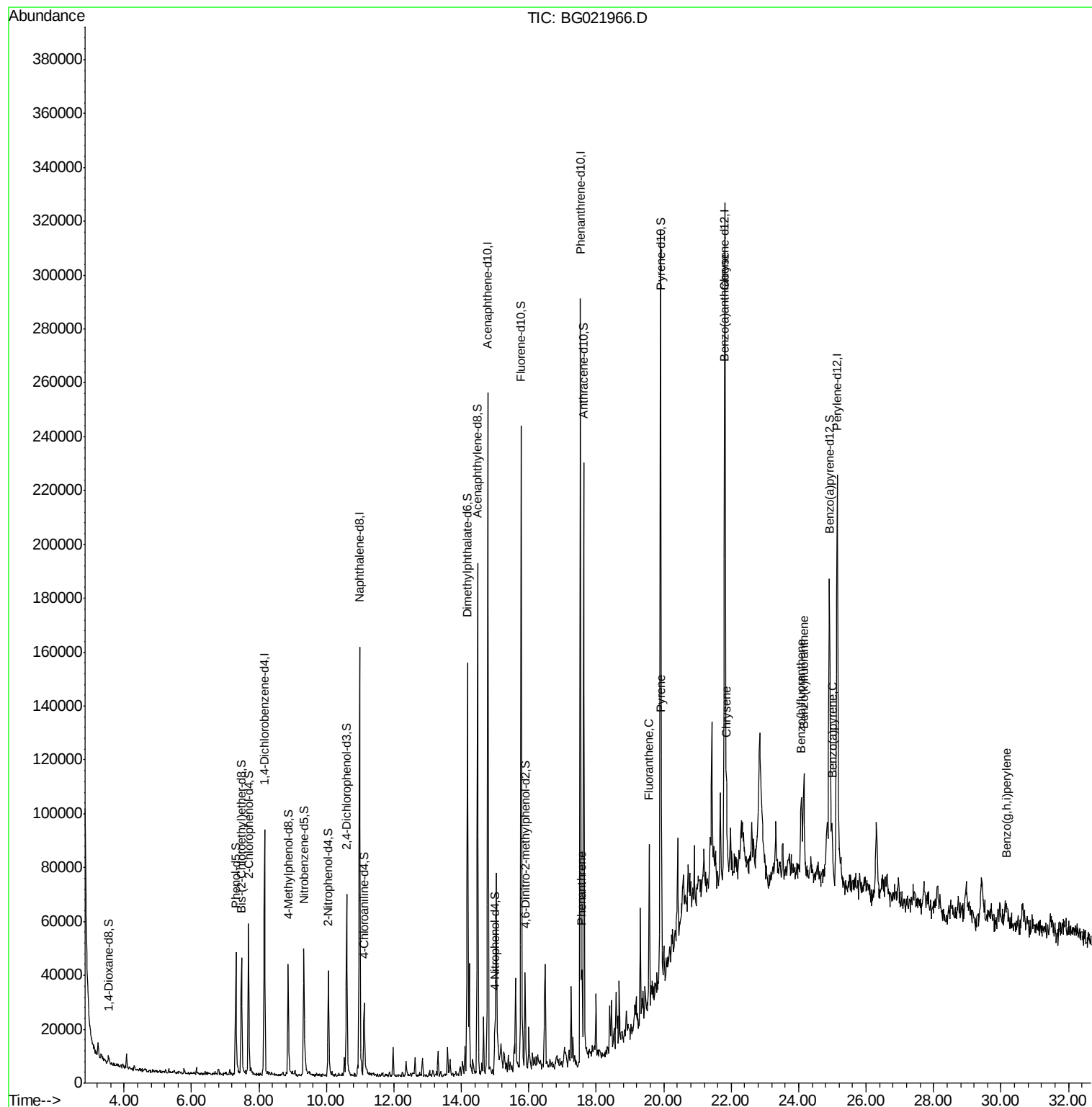
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
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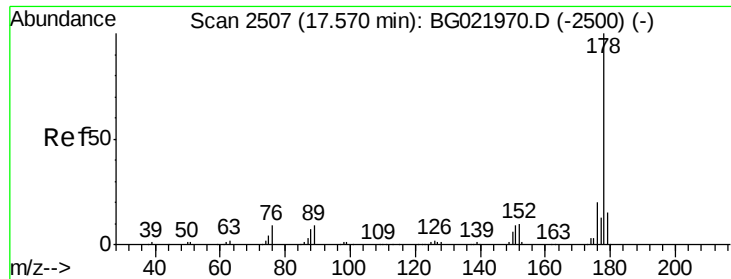
Instrument :
BNA_G
ClientSampled :
D9XC6

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Quant Time: May 20 07:02:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 2.12 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG021966.D

Acq: 19 May 2016 16:49

Instrument :

BNA_G

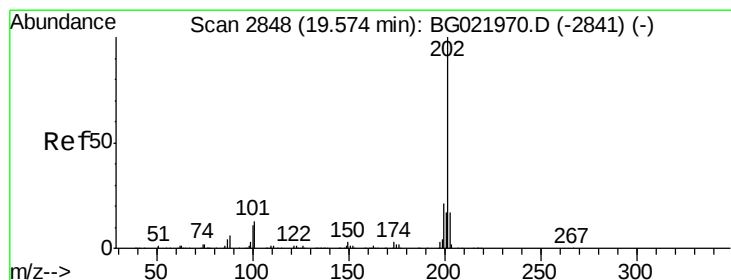
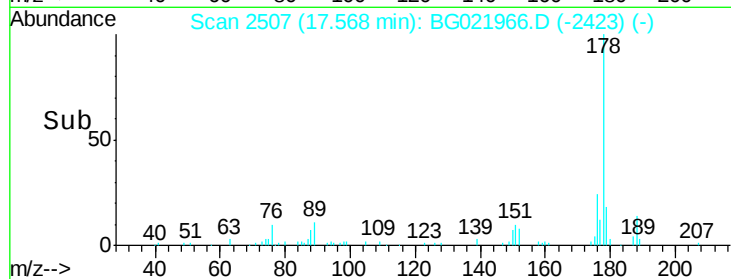
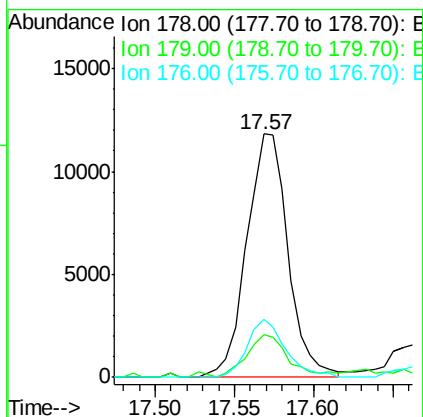
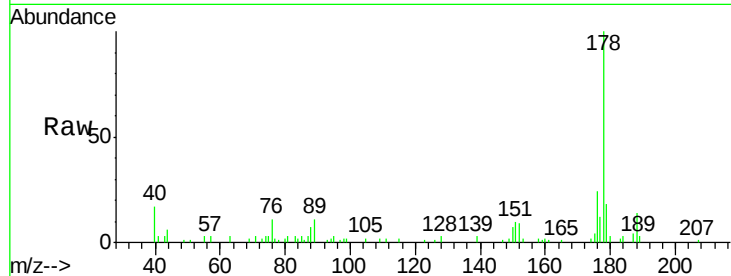
ClientSampleId :

D9XC6

Tgt Ion:	178	Resp:	21380
Ion Ratio		Lower	Upper
178	100		
179	17.8	11.8	17.8#
176	23.6	14.8	22.2#

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#28

Fluoranthene

Concen: 3.66 ng/ul

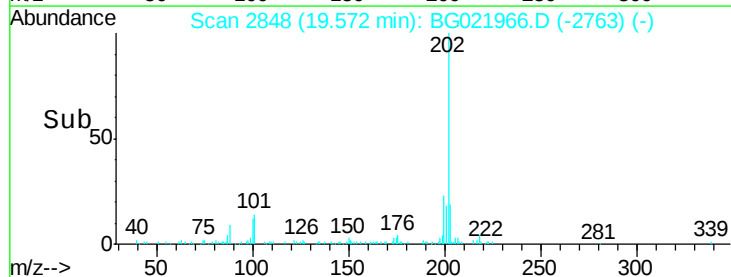
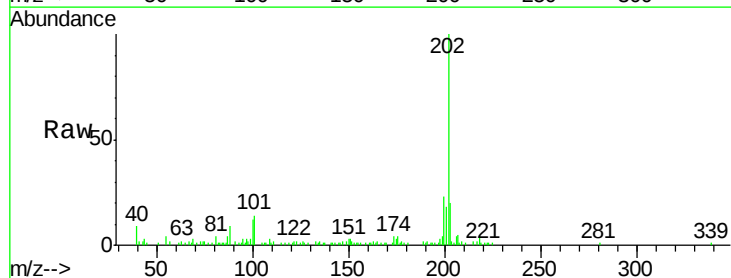
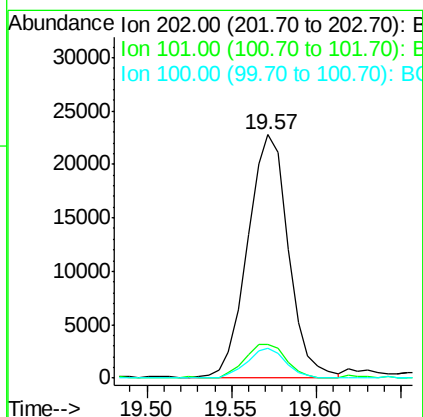
RT: 19.57 min Scan# 2848

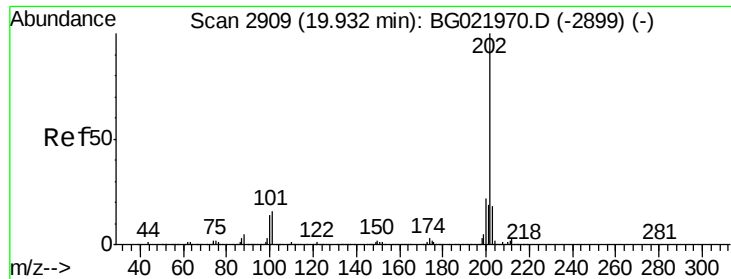
Delta R.T. 0.00 min

Lab File: BG021966.D

Acq: 19 May 2016 16:49

Tgt Ion:	202	Resp:	38416
Ion Ratio		Lower	Upper
202	100		
101	13.9	8.9	13.3#
100	12.1	7.0	10.4#





#31

Pyrene

Concen: 3.27 ng/ul m

RT: 19.93 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BG021966.D

Acq: 19 May 2016 16:49

Instrument :

BNA_G

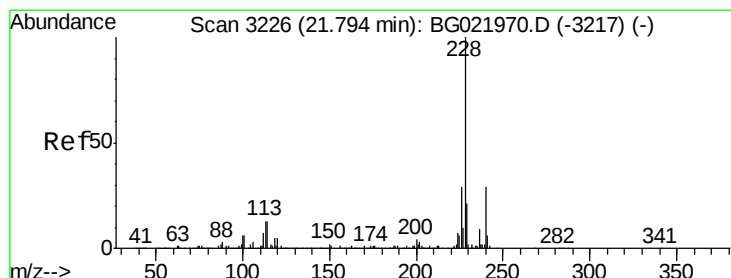
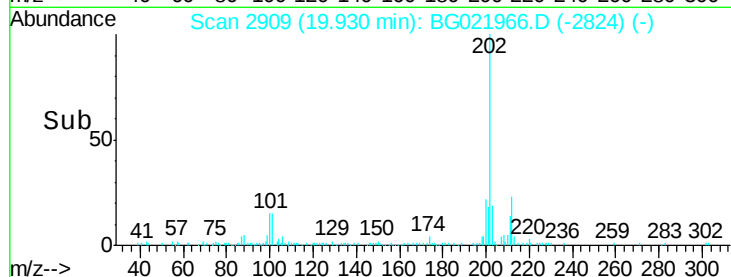
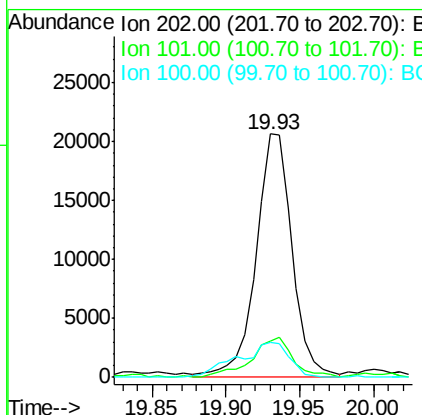
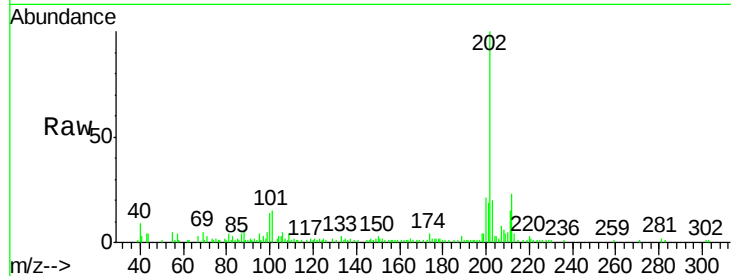
ClientSampled :

D9XC6

Tgt	Ion	202	Resp:	35246
Ion	Ratio	Lower	Upper	
202	100			
101	14.9	9.8	14.8#	
100	14.4	9.3	13.9#	

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#32

Benzo(a)anthracene

Concen: 2.25 ng/ul

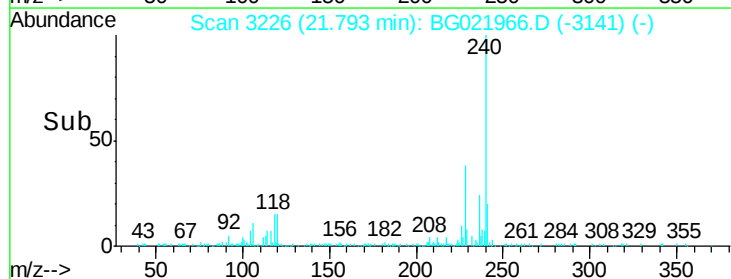
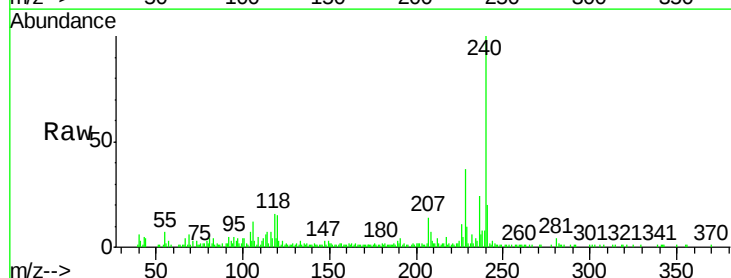
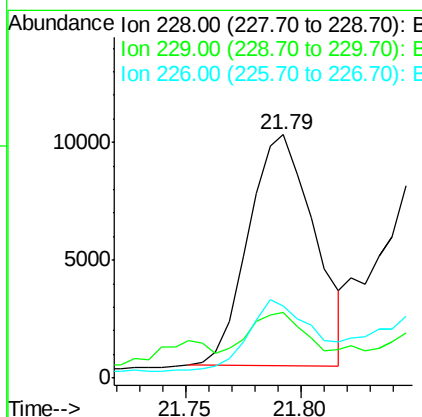
RT: 21.79 min Scan# 3226

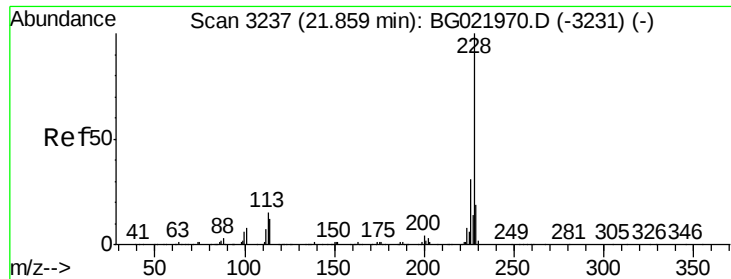
Delta R.T. 0.00 min

Lab File: BG021966.D

Acq: 19 May 2016 16:49

Tgt	Ion	228	Resp:	19540
Ion	Ratio	Lower	Upper	
228	100			
229	26.9	16.6	25.0#	
226	29.6	21.0	31.4	





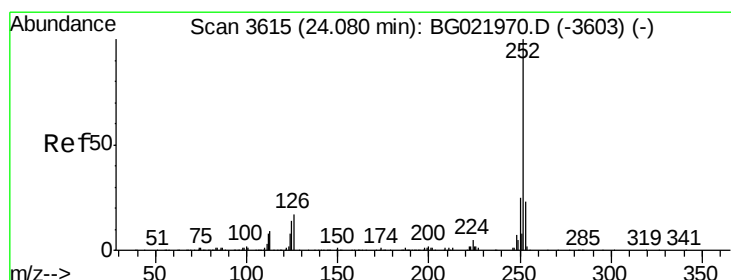
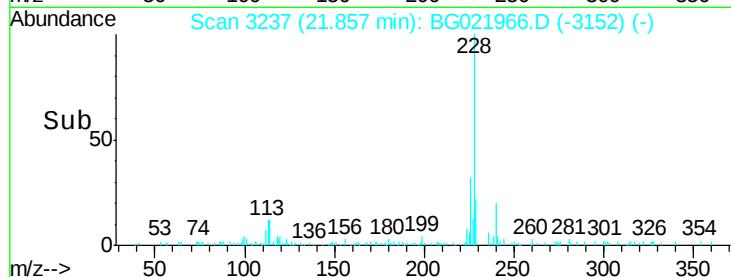
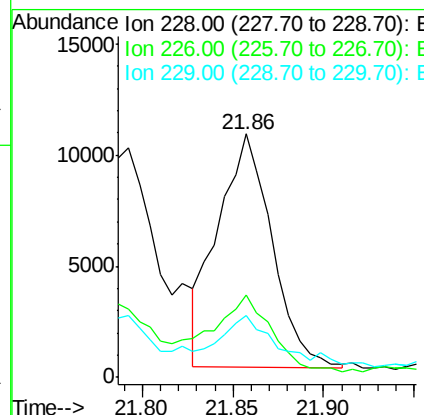
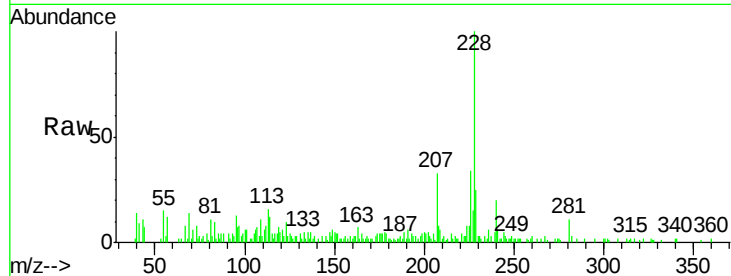
#33
Chrysene
Concen: 2.57 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Instrument :
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Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	33.7	23.4	35.2
229	25.5	16.2	24.2

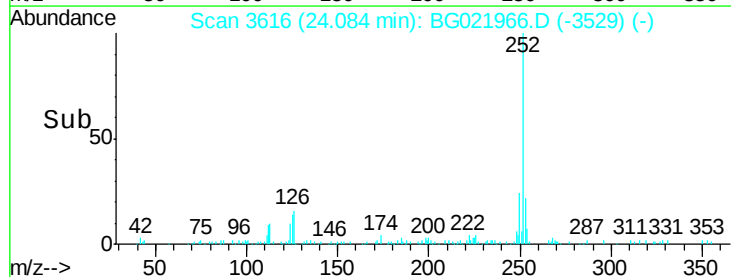
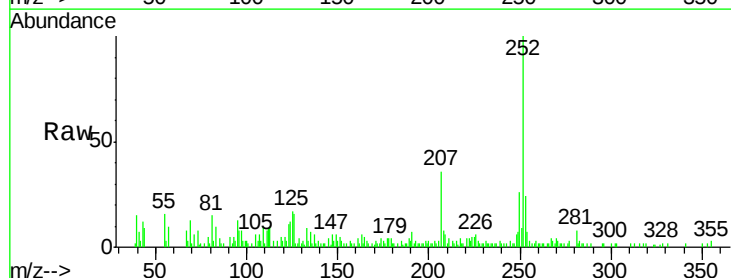
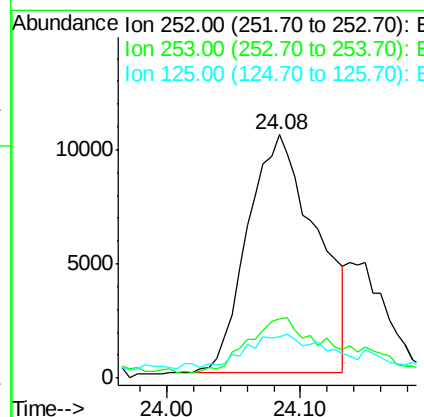
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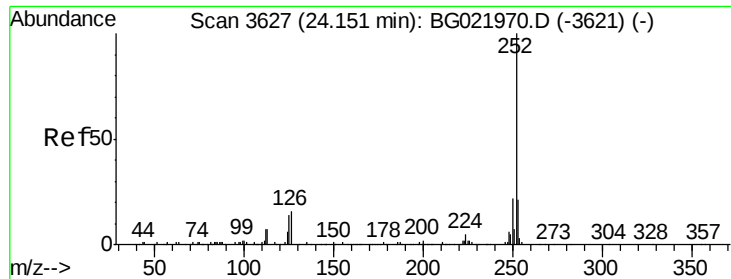
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#35
Benzo(b)fluoranthene
Concen: 4.36 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG021966.D
Acq: 19 May 2016 16:49

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	18.1	27.1
125	16.8	7.6	11.4





#36

Benzo(k)fluoranthene

Concen: 1.18 ng/ul m

RT: 24.15 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG021966.D

Acq: 19 May 2016 16:49

Instrument :

BNA_G

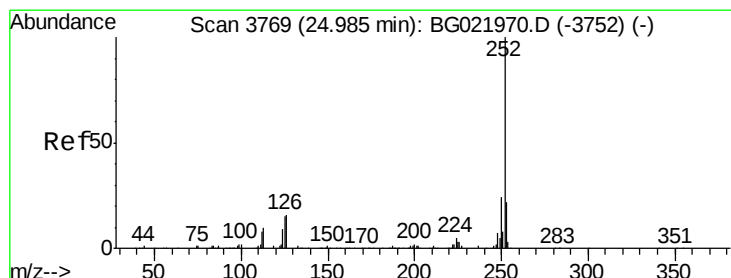
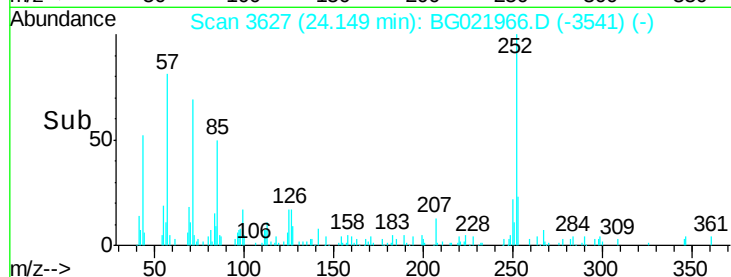
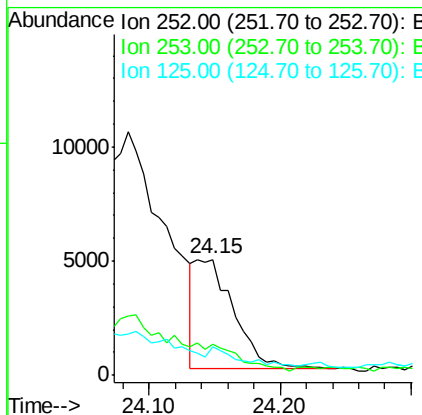
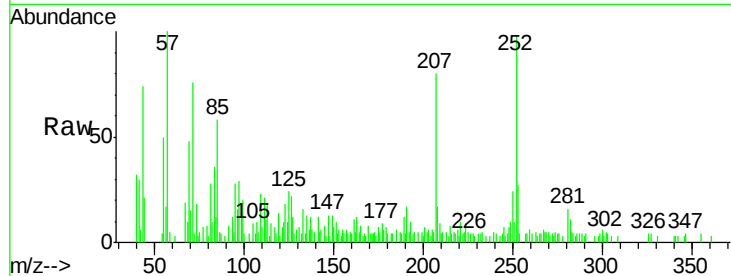
ClientSampled :

D9XC6

Tgt Ion:	252	Resp:	9947
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.8	26.8#
125	24.6	7.7	11.5#

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#38

Benzo(a)pyrene

Concen: 2.81 ng/ul

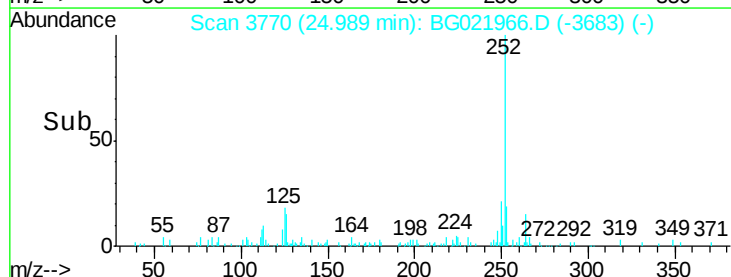
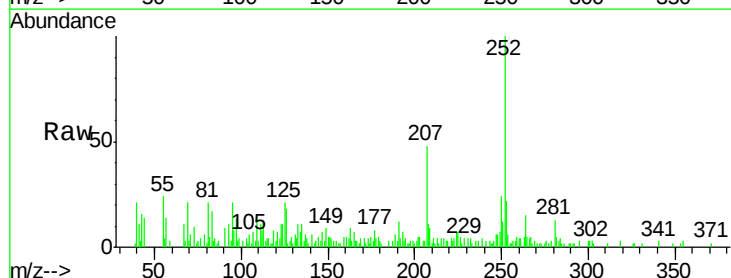
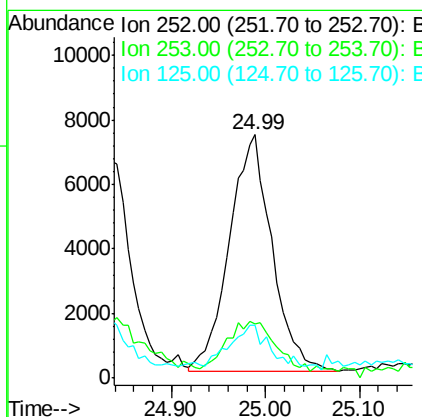
RT: 24.99 min Scan# 3770

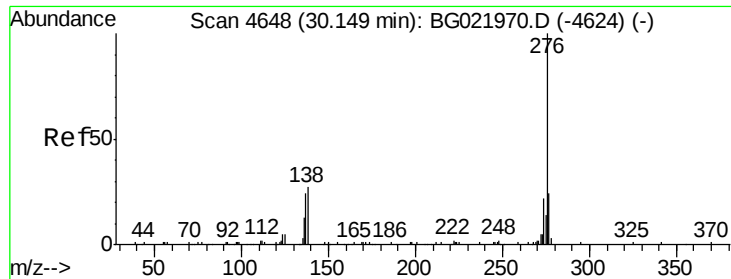
Delta R.T. 0.01 min

Lab File: BG021966.D

Acq: 19 May 2016 16:49

Tgt Ion:	252	Resp:	23018
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	21.5	8.2	12.2#





#41

Benzo(g,h,i)perylene

Concen: 2.27 ng/ul m

RT: 30.16 min Scan# 4650

Delta R.T. 0.03 min

Lab File: BG021966.D

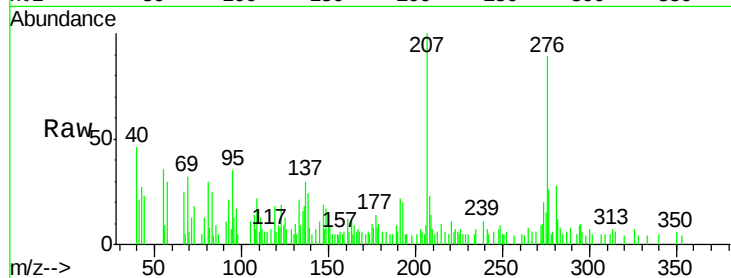
Acq: 19 May 2016 16:49

Instrument :

BNA_G

ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		17890		
138	27.4	13.9	20.9#		
277	29.5	19.8	29.6		

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