

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021968.D
 Acq On : 19 May 2016 18:09
 Operator : UM/SJ
 Sample : H3092-18MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XD1MS

Manual Integrations
 APPROVED

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Quant Time: May 20 08:07:00 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	8.17	152	42366	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	221482	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	123846	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	236866	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	198803	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	187249	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.55	96	2404	2.60	ng/uL	0.00
3) Phenol-d5	7.31	99	48862	13.06	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	31301	15.71	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	46932	15.28	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	23890	7.17	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25701	16.54	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	27117	16.36	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	44715	15.26	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	26421	11.45	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	152668	15.99	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	205403	16.70	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	8250	4.91	ng/ul	0.01
21) Fluorene-d10	15.77	176	133992	15.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	10852	9.23	ng/ul	0.00
26) Anthracene-d10	17.63	188	171974	15.76	ng/ul	0.00
30) Pyrene-d10	19.91	212	180585	17.22	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	140852	16.94	ng/ul	0.00

Target Compounds

						Qvalue
19) Acenaphthene	14.85	153	143664	16.33	ng/ul	97
25) Phenanthrene	17.57	178	14677	1.16	ng/ul	97
28) Fluoranthene	19.57	202	26951	2.05	ng/ul#	92
31) Pyrene	19.93	202	250959	18.33	ng/ul#	92
32) Benzo(a)anthracene	21.79	228	17661	1.60	ng/ul#	88
33) Chrysene	21.86	228	16360	1.52	ng/ul	92
35) Benzo(b)fluoranthene	24.08	252	27907m	2.59	ng/ul	
38) Benzo(a)pyrene	24.98	252	15266	1.48	ng/ul#	87
39) Indeno(1,2,3-cd)pyrene	28.95	276	14475m	1.24	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	13004m	1.31	ng/ul	

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

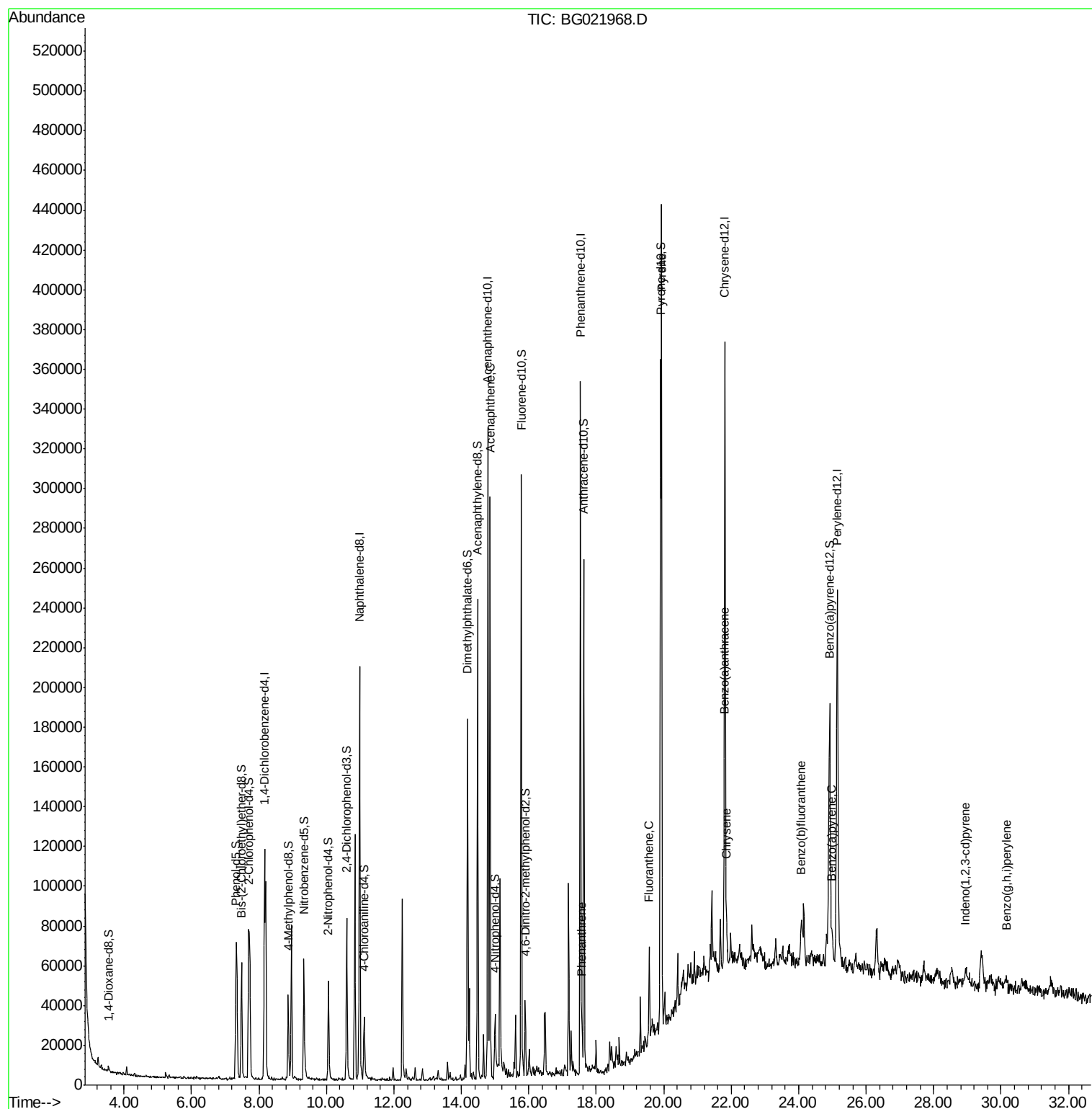
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021968.D
Acq On : 19 May 2016 18:09
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ALS Vial : 13 Sample Multiplier: 1

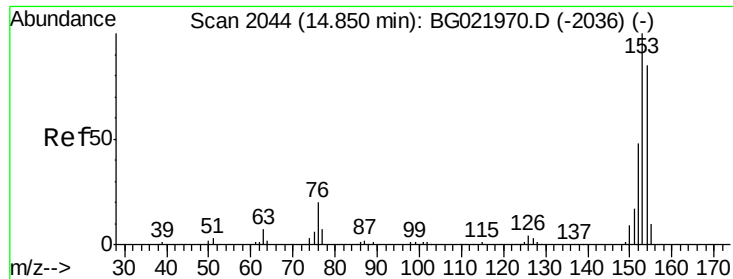
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration





#19

Acenaphthene

Concen: 16.33 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG021968.D

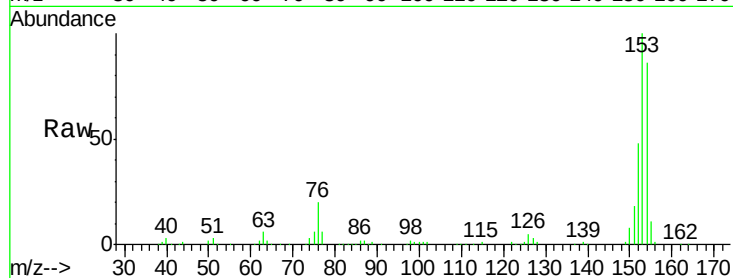
Acq: 19 May 2016 18:09

Instrument :

BNA_G

ClientSampleId :

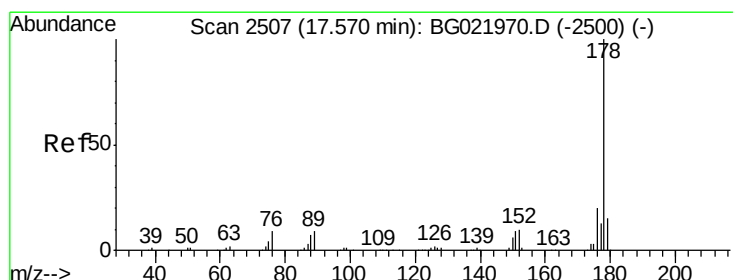
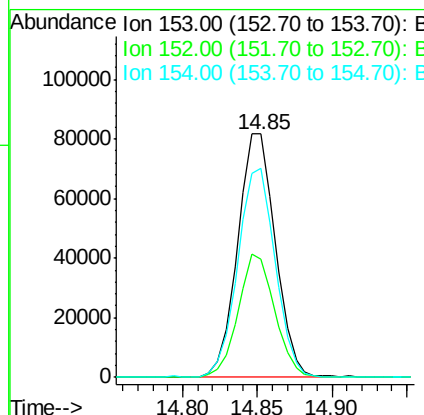
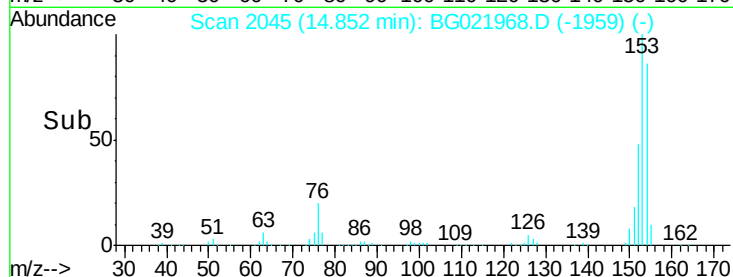
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.5	54.7
154	85.7	67.3	100.9

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#25

Phenanthrene

Concen: 1.16 ng/ul

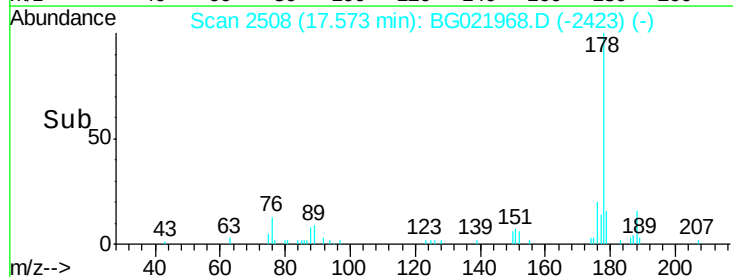
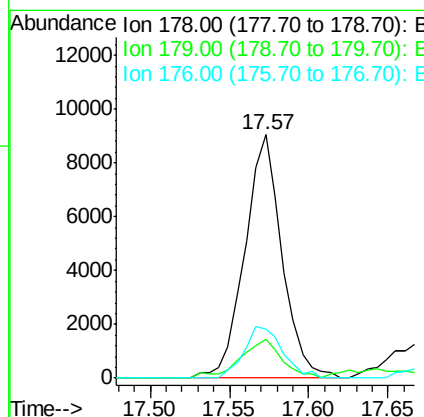
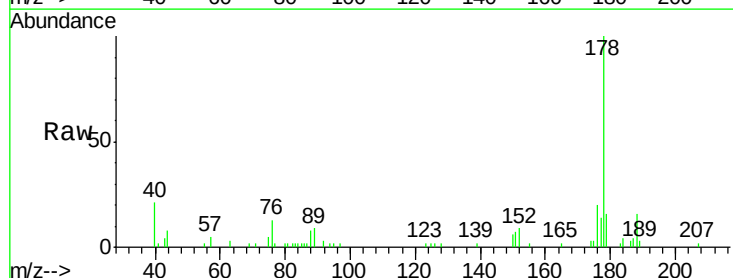
RT: 17.57 min Scan# 2508

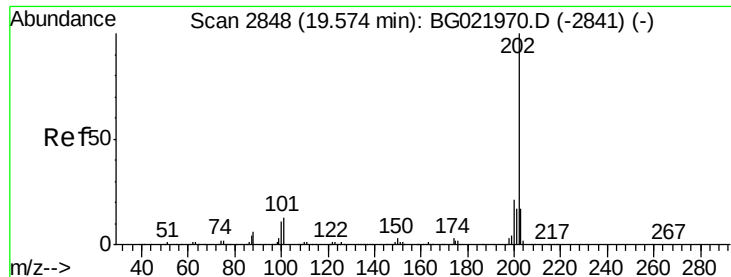
Delta R.T. 0.00 min

Lab File: BG021968.D

Acq: 19 May 2016 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	20.0	14.8	22.2





#28

Fluoranthene

Concen: 2.05 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG021968.D

Acq: 19 May 2016 18:09

Instrument :

BNA_G

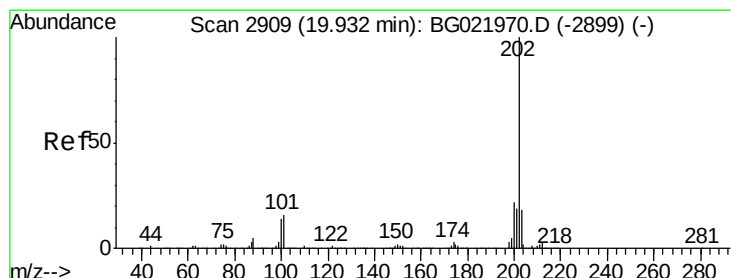
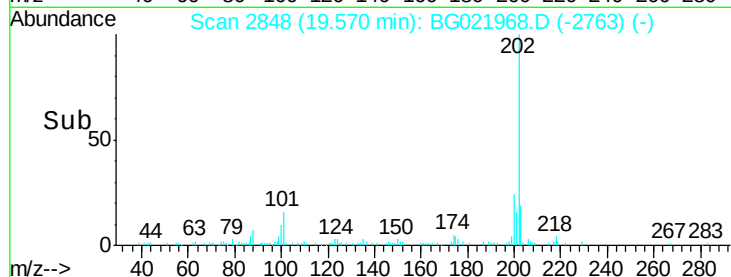
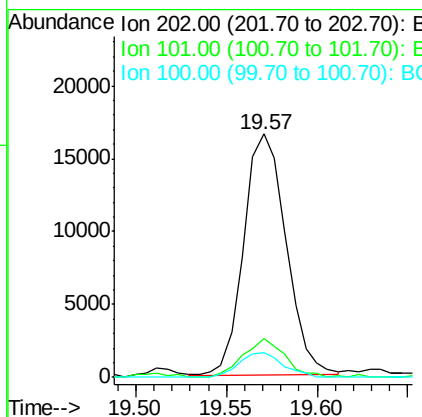
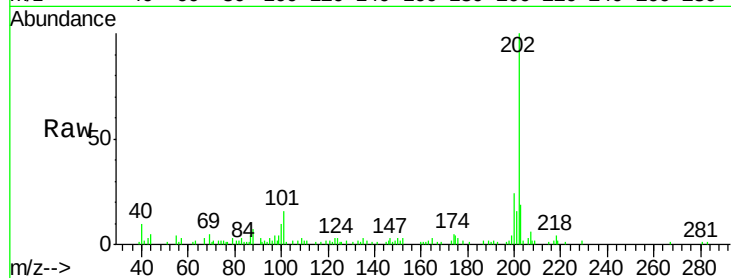
ClientSampleId :

D9XD1MS

Tgt Ion:	202	Resp:	26951
Ion Ratio	Lower	Upper	
202	100		
101	15.7	8.9	13.3#
100	9.9	7.0	10.4

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#31

Pyrene

Concen: 18.33 ng/ul

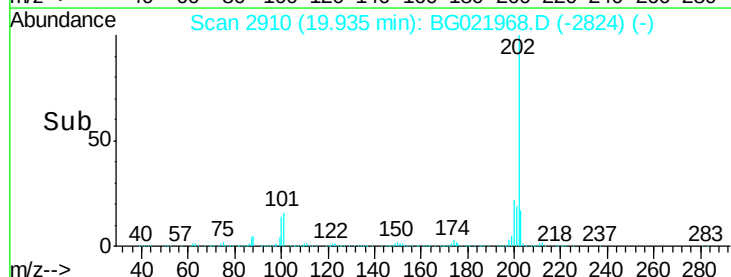
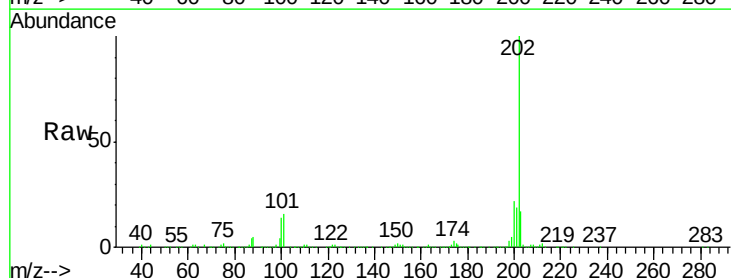
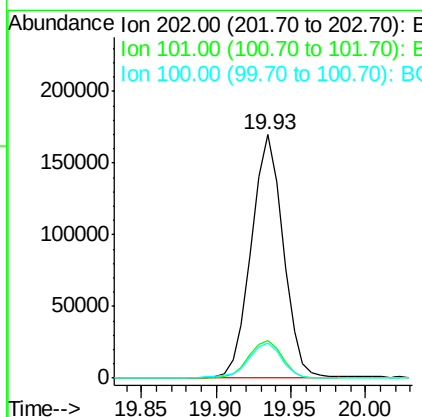
RT: 19.93 min Scan# 2910

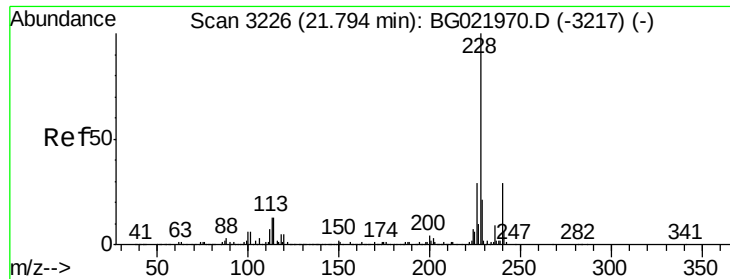
Delta R.T. 0.01 min

Lab File: BG021968.D

Acq: 19 May 2016 18:09

Tgt Ion:	202	Resp:	250959
Ion Ratio	Lower	Upper	
202	100		
101	15.5	9.8	14.8#
100	14.3	9.3	13.9#





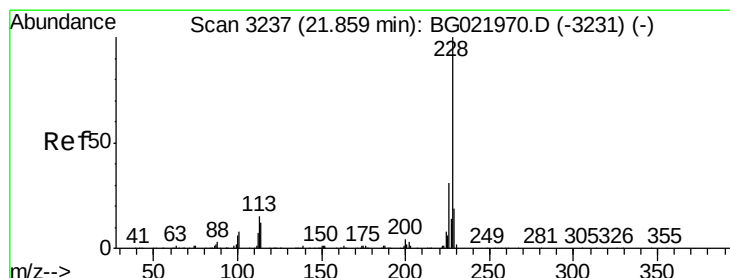
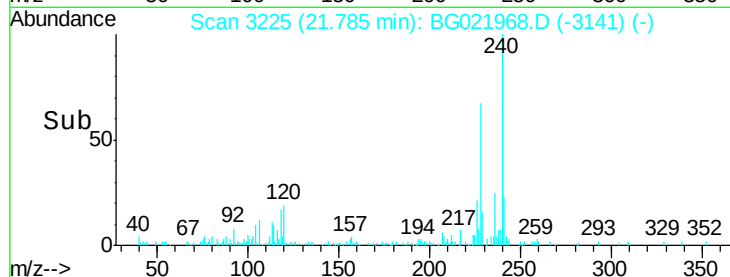
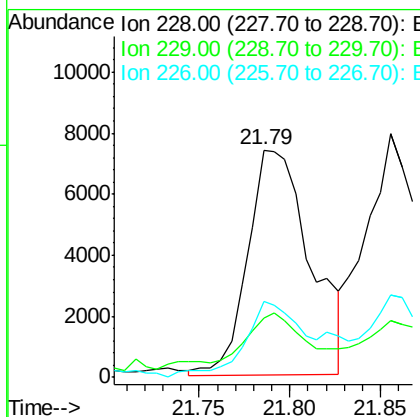
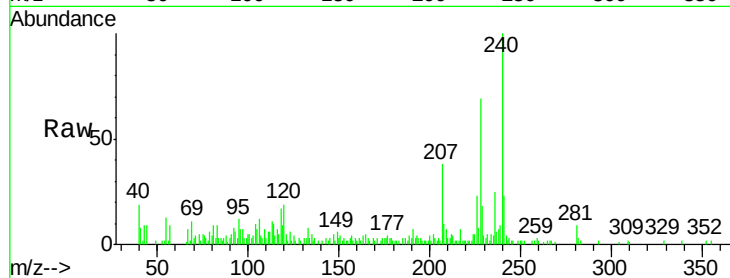
#32
Benzo(a)anthracene
Concen: 1.60 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG021968.D
Acq: 19 May 2016 18:09

Instrument :
BNA_G
ClientSampleId :
D9XD1MS

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.8	16.6	25.0#
226	33.2	21.0	31.4#

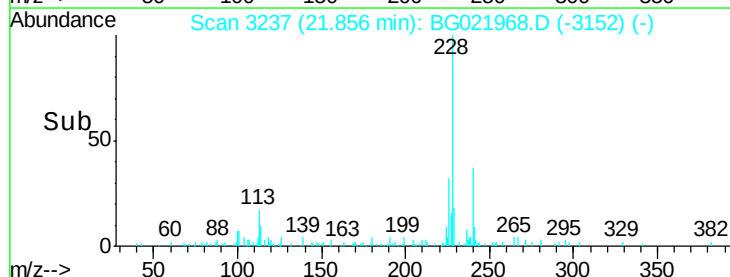
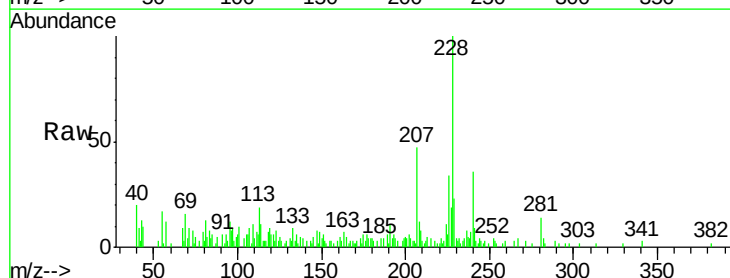
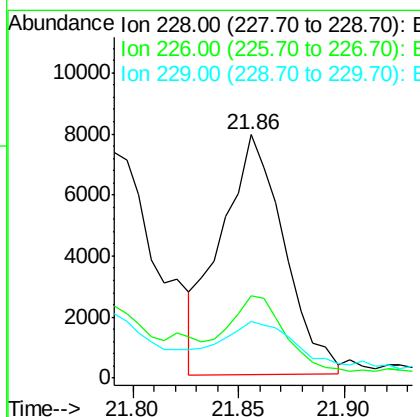
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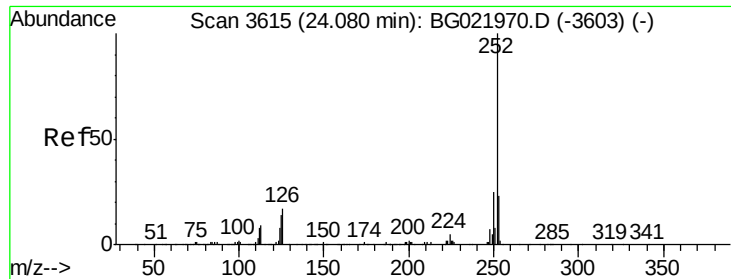
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#33
Chrysene
Concen: 1.52 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021968.D
Acq: 19 May 2016 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.4	35.2
229	23.4	16.2	24.2





#35

Benzo(b)fluoranthene

Concen: 2.59 ng/ul

RT: 24.08 min Scan# 3615

Delta R.T. 0.01 min

Lab File: BG021968.D

Acq: 19 May 2016 18:09

Instrument :

BNA_G

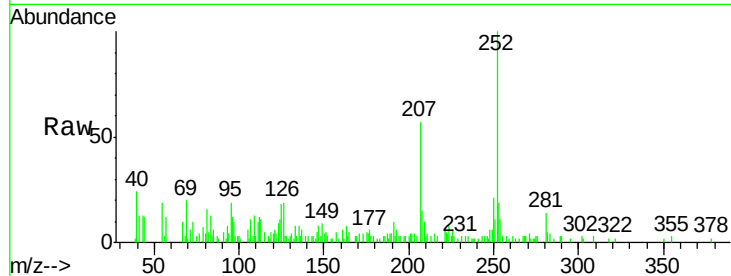
ClientSampleId :

D9XD1MS

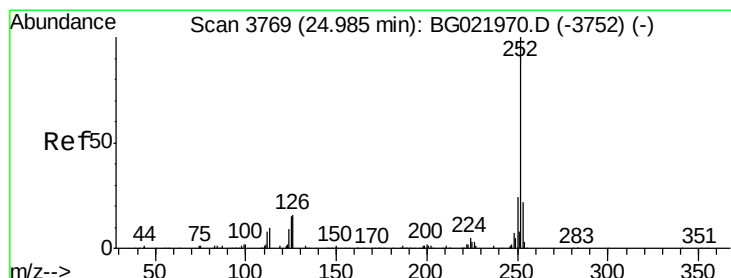
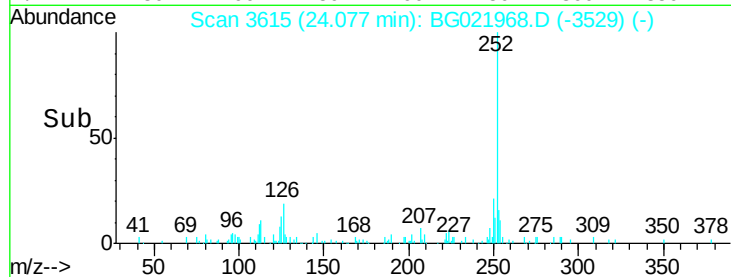
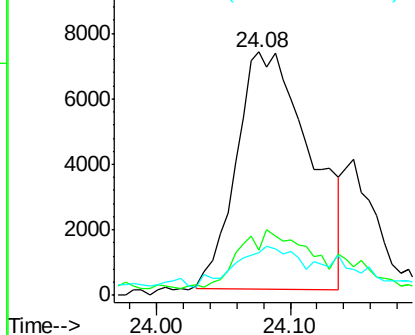
Tgt Ion:	252	Resp:	27907
Ion Ratio	Lower	Upper	
252	100		
253	18.7	18.1	27.1
125	17.5	7.6	11.4#

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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



#38

Benzo(a)pyrene

Concen: 1.48 ng/ul

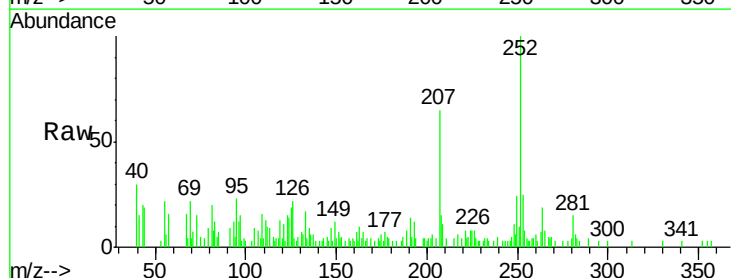
RT: 24.98 min Scan# 3769

Delta R.T. 0.01 min

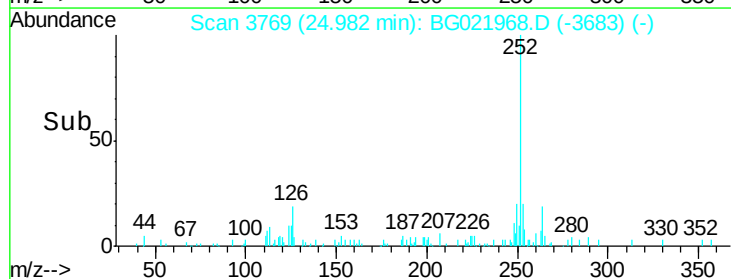
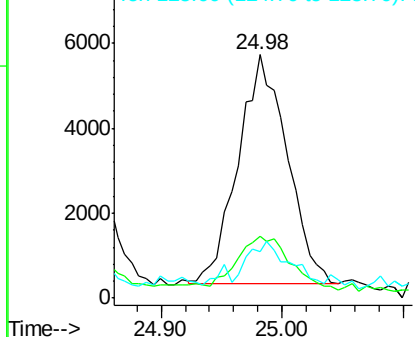
Lab File: BG021968.D

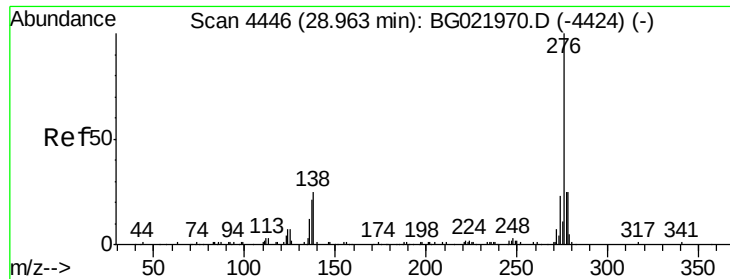
Acq: 19 May 2016 18:09

Tgt Ion:	252	Resp:	15266
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.4	26.0
125	19.0	8.2	12.2#



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





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.24 ng/ul m

RT: 28.95 min Scan# 4445

Delta R.T. 0.02 min

Lab File: BG021968.D

Acq: 19 May 2016 18:09

Instrument :

BNA_G

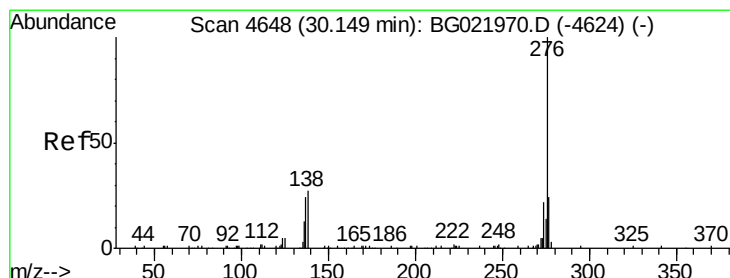
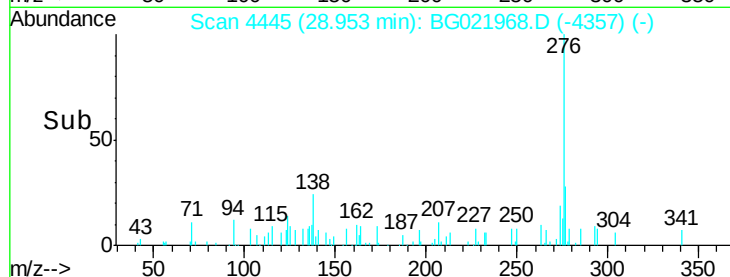
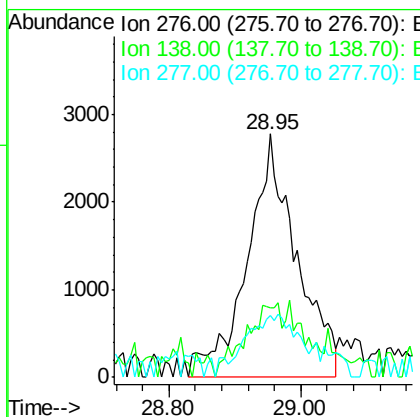
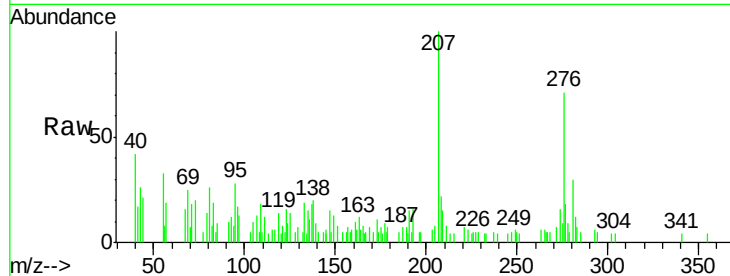
ClientSampleId :

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Tgt Ion:	276	Resp:	14475
Ion Ratio		Lower	Upper
276	100		
138	28.6	15.8	23.6#
277	25.2	19.0	28.6

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#41

Benzo(g,h,i)perylene

Concen: 1.31 ng/ul m

RT: 30.15 min Scan# 4648

Delta R.T. 0.02 min

Lab File: BG021968.D

Acq: 19 May 2016 18:09

Tgt Ion:	276	Resp:	13004
Ion Ratio		Lower	Upper
276	100		
138	36.2	13.9	20.9#
277	21.9	19.8	29.6

