

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021969.D
 Acq On : 19 May 2016 19:04
 Operator : UM/SJ
 Sample : H3092-19MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9XD1MSD

Manual Integrations
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Quant Time: May 20 08:10:40 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	36461	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	176975	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	97224	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	189720	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	157875	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	150420	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2047	2.58	ng/uL	0.00
3) Phenol-d5	7.31	99	42872	13.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	32725	19.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	44815	16.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	17446	6.08	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25108	20.22	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	21914	16.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	37800	16.14	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	11262	6.11	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	143411	19.13	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	210617	21.81	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	2907m	2.20	ng/ul	0.02
21) Fluorene-d10	15.77	176	137626	20.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	4189	4.45	ng/ul	0.00
26) Anthracene-d10	17.63	188	177950	20.36	ng/ul	0.00
30) Pyrene-d10	19.90	212	190117	22.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	140421	21.02	ng/ul	0.00

Target Compounds

						Qvalue
19) Acenaphthene	14.85	153	148287	21.48	ng/ul	98
25) Phenanthrene	17.57	178	17707	1.75	ng/ul#	92
28) Fluoranthene	19.57	202	33137	3.14	ng/ul#	91
31) Pyrene	19.93	202	270580	24.89	ng/ul#	90
32) Benzo(a)anthracene	21.79	228	17502	2.00	ng/ul	98
33) Chrysene	21.86	228	18233	2.14	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	26903	3.11	ng/ul#	85
38) Benzo(a)pyrene	24.99	252	15917	1.92	ng/ul#	82
39) Indeno(1,2,3-cd)pyrene	28.96	276	14333m	1.52	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	12539m	1.58	ng/ul	

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

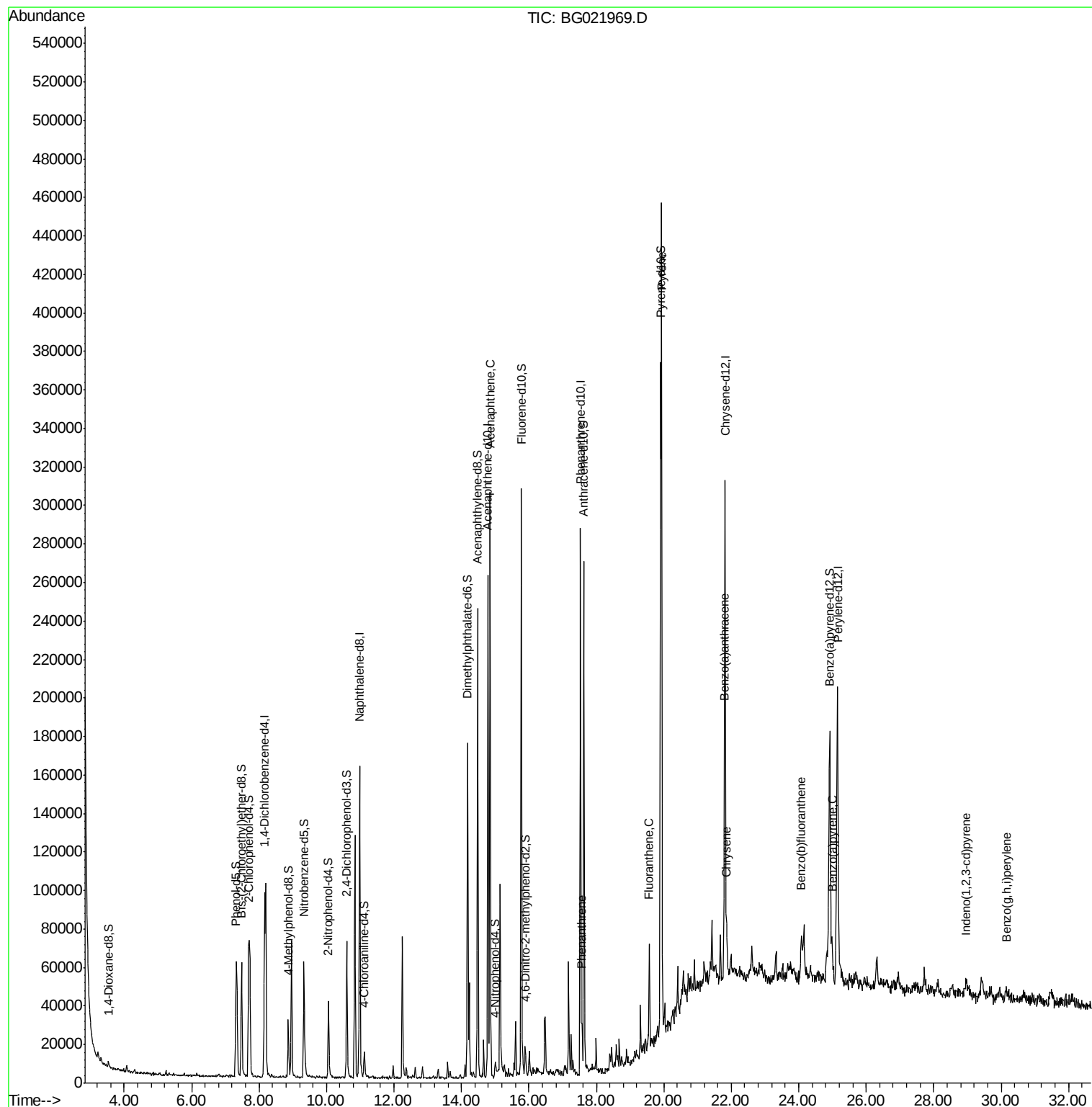
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
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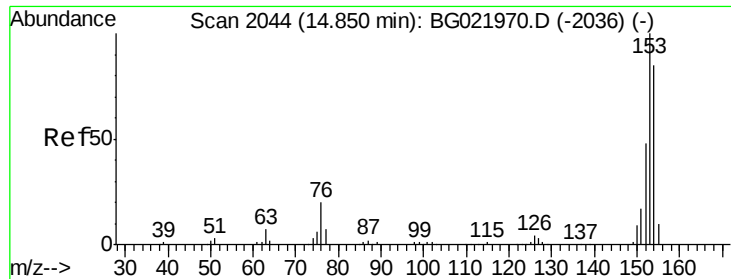
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Response via : Initial Calibration





#19

Acenaphthene

Concen: 21.48 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG021969.D

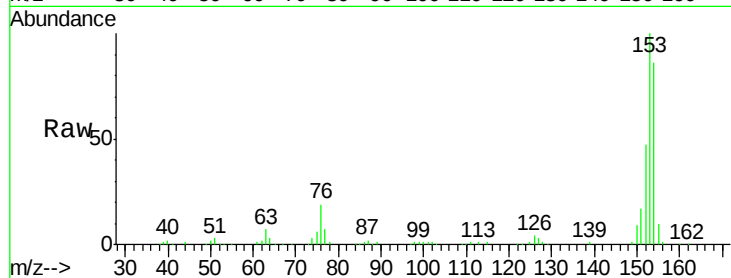
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Instrument :

BNA_G

ClientSampled :

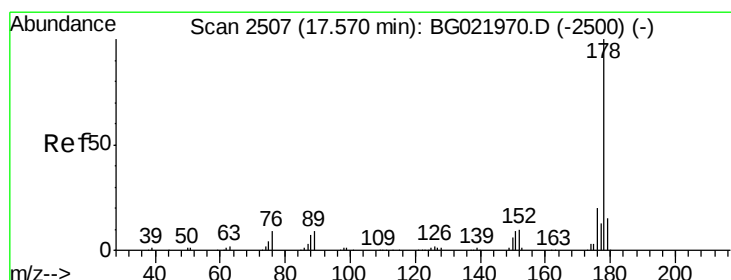
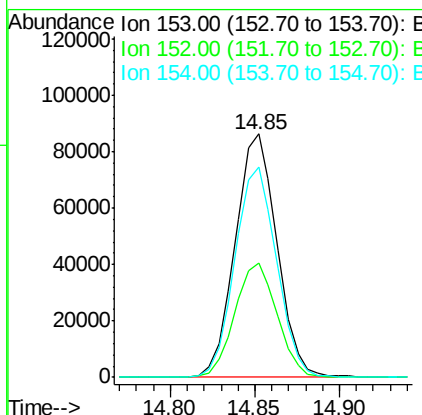
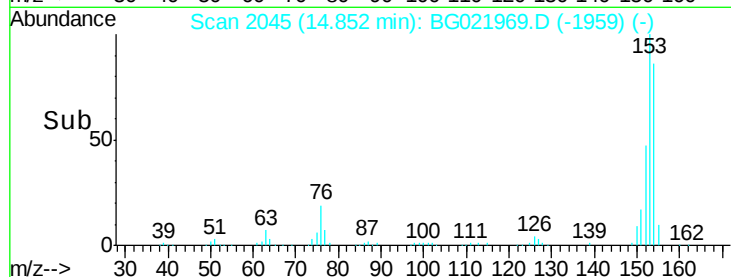
D9XD1MSD



Tgt Ion:	153	Resp:	148287
Ion Ratio	Lower	Upper	
153	100		
152	47.1	36.5	54.7
154	86.2	67.3	100.9

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#25

Phenanthrene

Concen: 1.75 ng/ul

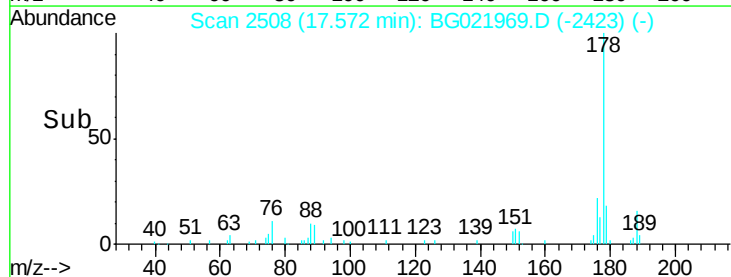
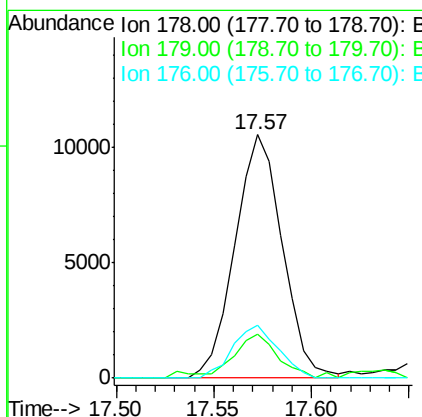
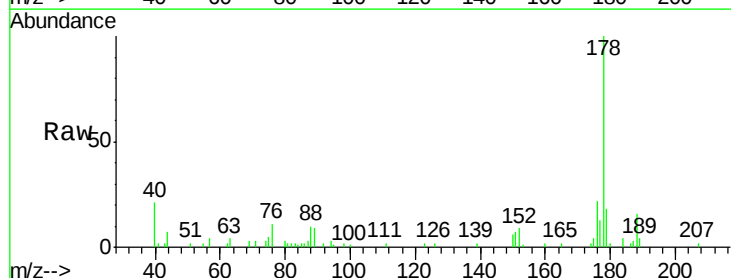
RT: 17.57 min Scan# 2508

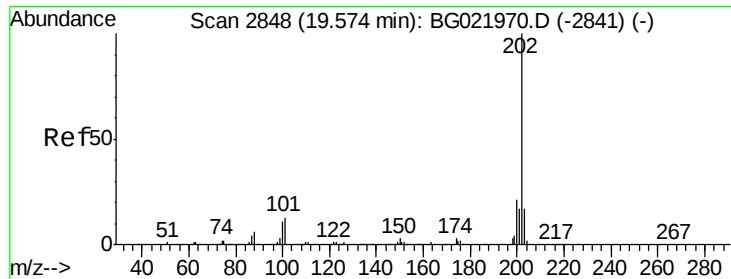
Delta R.T. -0.00 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

Tgt Ion:	178	Resp:	17707
Ion Ratio	Lower	Upper	
178	100		
179	18.1	11.8	17.8#
176	21.7	14.8	22.2





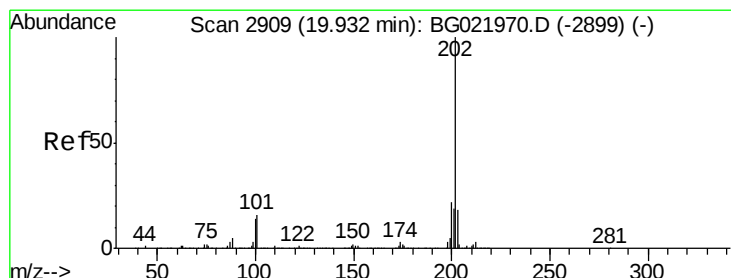
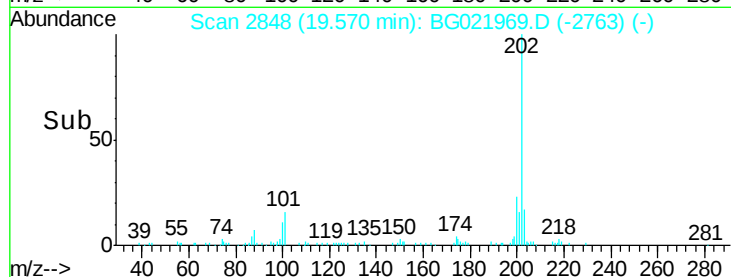
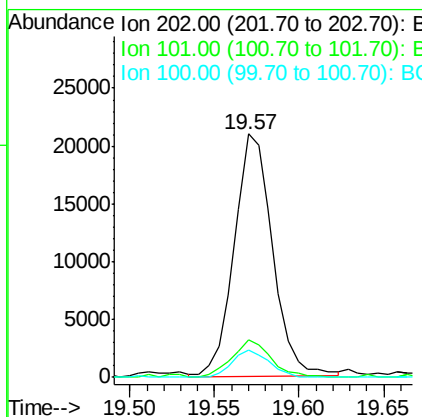
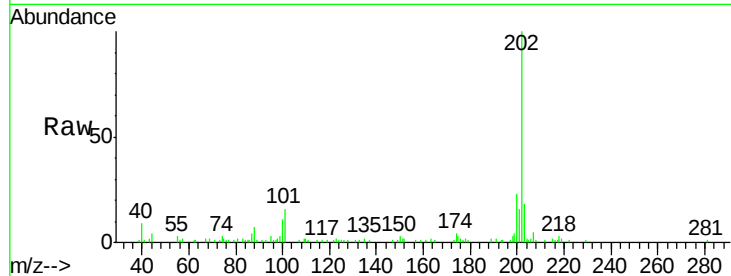
#28
Fluoranthene
Concen: 3.14 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG021969.D
Acq: 19 May 2016 19:04

Instrument :
BNA_G
ClientSampleId :
D9XD1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.6	8.9	13.3#
100	11.0	7.0	10.4#

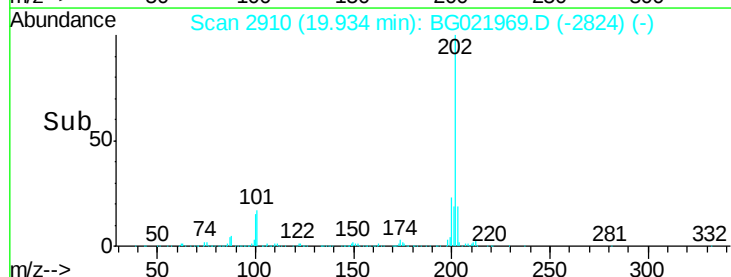
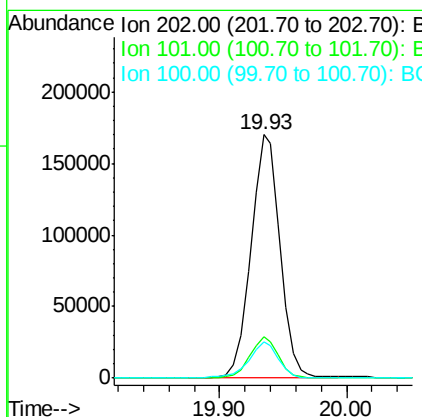
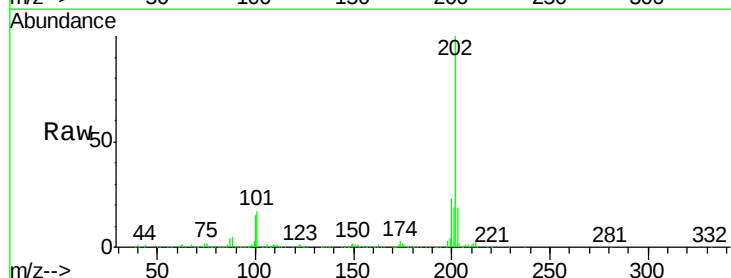
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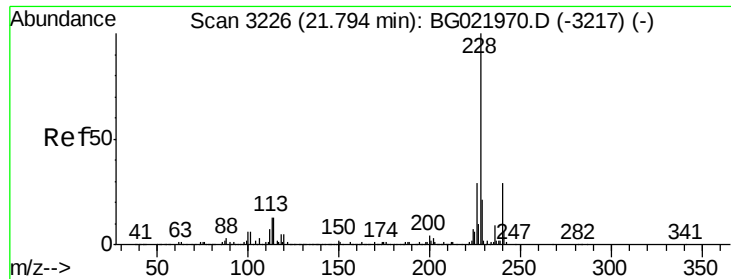
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#31
Pyrene
Concen: 24.89 ng/ul
RT: 19.93 min Scan# 2910
Delta R.T. 0.01 min
Lab File: BG021969.D
Acq: 19 May 2016 19:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.0	9.8	14.8#
100	14.9	9.3	13.9#





#32

Benzo(a)anthracene

Concen: 2.00 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG021969.D

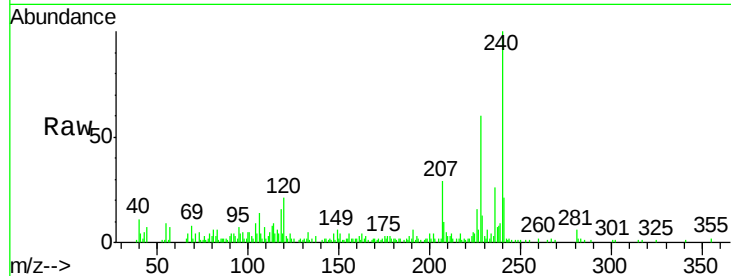
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Instrument :

BNA_G

ClientSampleId :

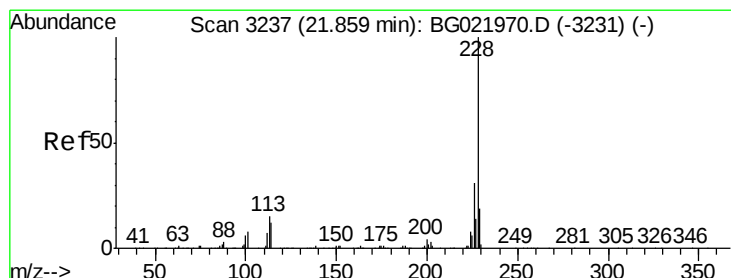
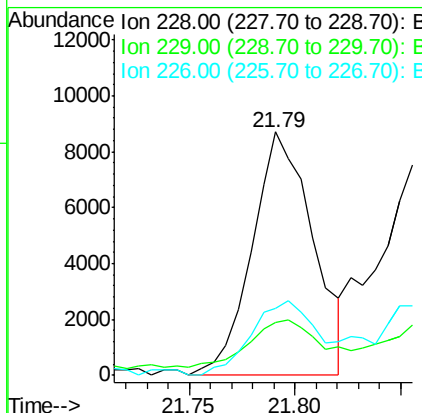
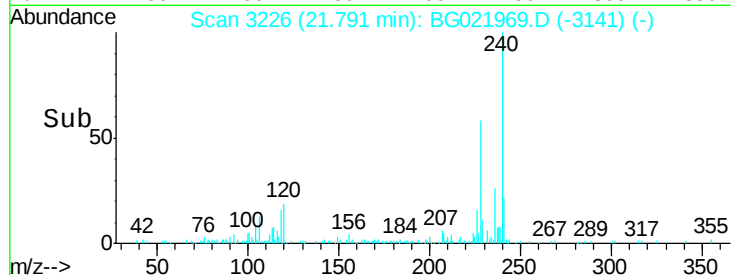
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.6	25.0
226	27.5	21.0	31.4

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#33

Chrysene

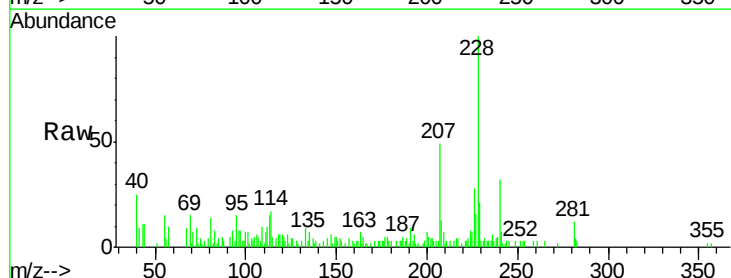
Concen: 2.14 ng/ul

RT: 21.86 min Scan# 3238

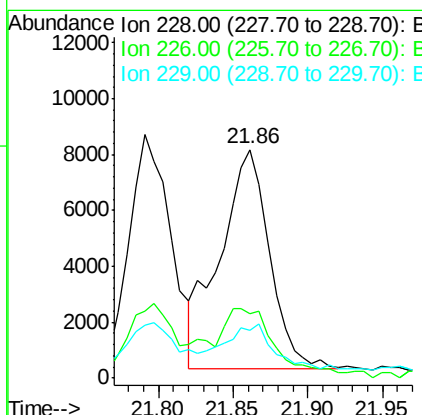
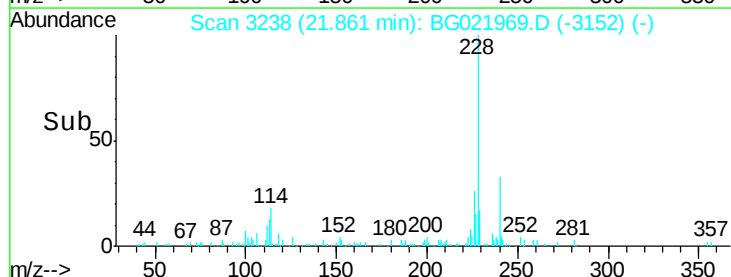
Delta R.T. 0.01 min

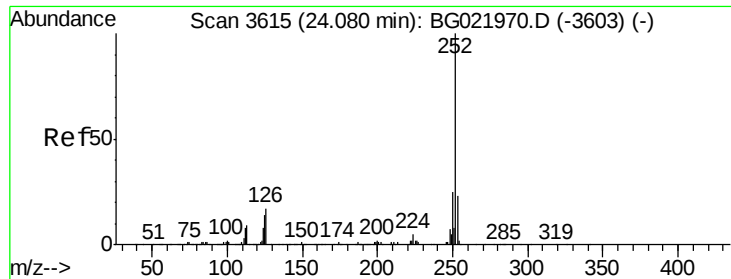
Lab File: BG021969.D

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Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.4	35.2
229	20.9	16.2	24.2





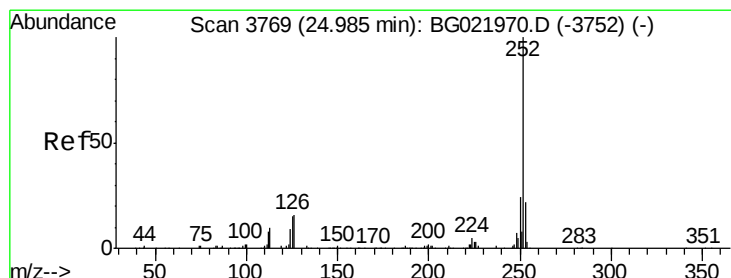
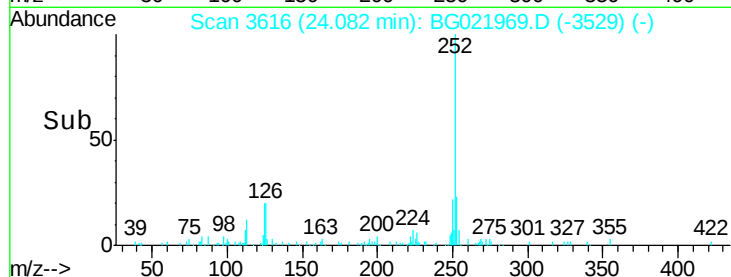
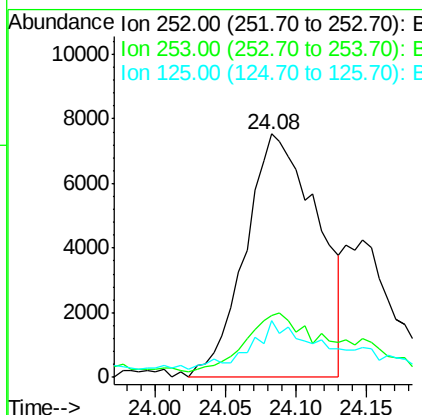
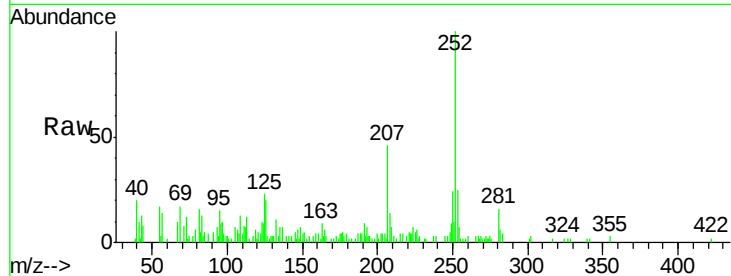
#35
Benzo(b)fluoranthene
Concen: 3.11 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG021969.D
Acq: 19 May 2016 19:04

Instrument :
BNA_G
ClientSampleId :
D9XD1MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	18.1	27.1
125	23.4	7.6	11.4

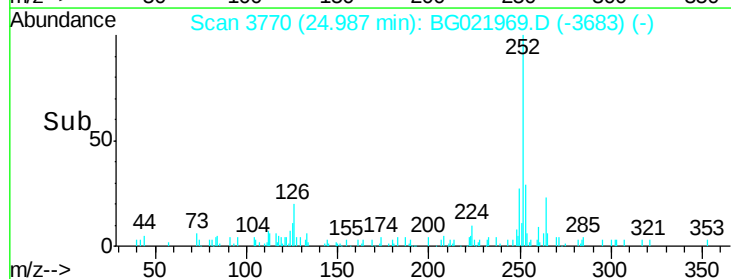
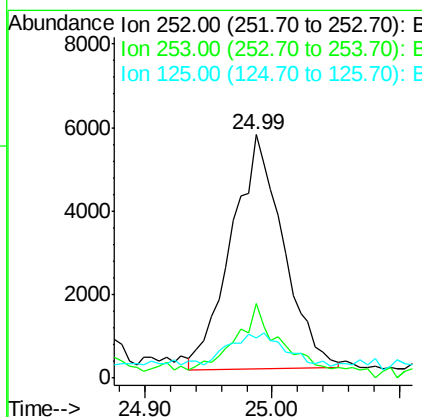
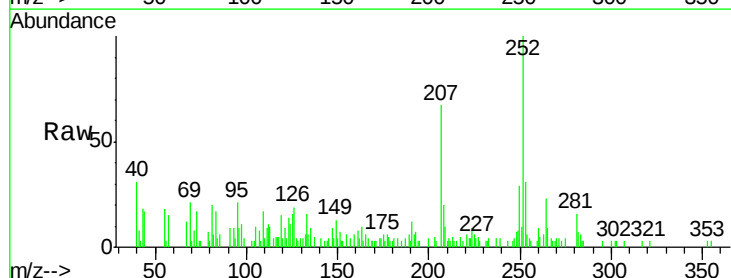
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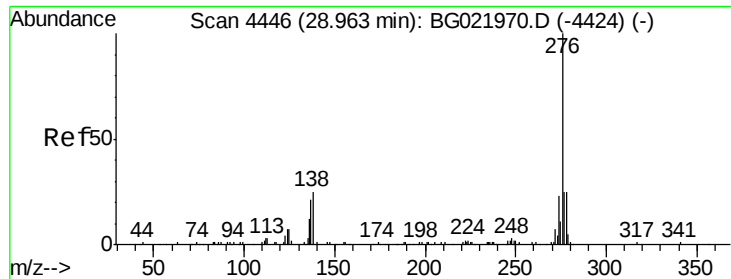
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#38
Benzo(a)pyrene
Concen: 1.92 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.01 min
Lab File: BG021969.D
Acq: 19 May 2016 19:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	30.7	17.4	26.0
125	16.4	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.52 ng/ul m

RT: 28.96 min Scan# 4446

Delta R.T. 0.02 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

Instrument :

BNA_G

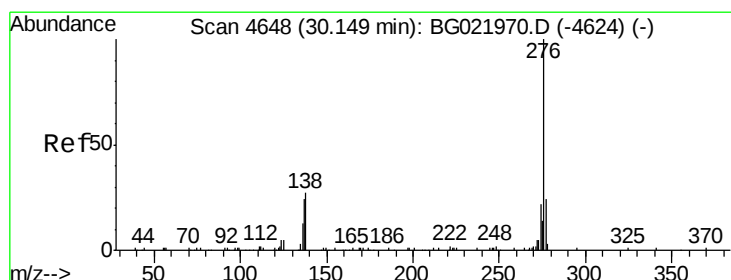
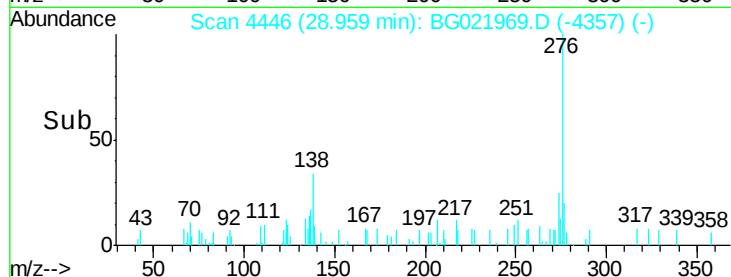
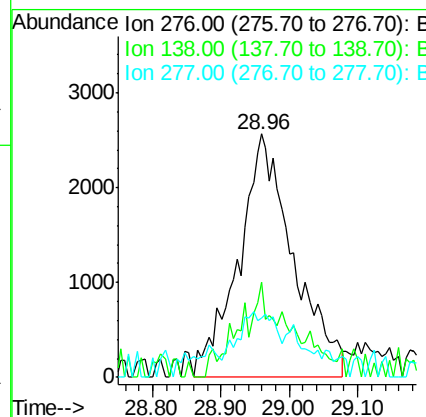
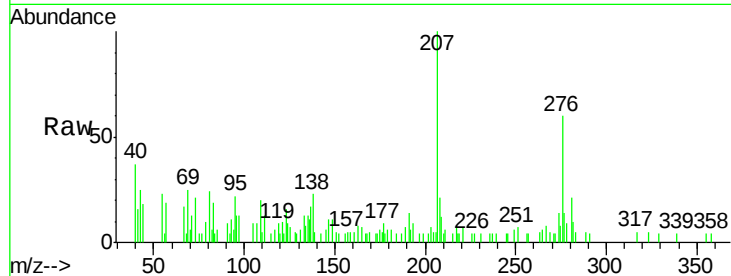
ClientSampleId :

D9XD1MSD

Tgt Ion:	276	Resp:	14333
Ion Ratio	Lower	Upper	
276	100		
138	39.3	15.8	23.6#
277	24.1	19.0	28.6

Manual Integrations
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#41

Benzo(g,h,i)perylene

Concen: 1.58 ng/ul m

RT: 30.15 min Scan# 4649

Delta R.T. 0.02 min

Lab File: BG021969.D

Acq: 19 May 2016 19:04

Tgt Ion:	276	Resp:	12539
Ion Ratio	Lower	Upper	
276	100		
138	25.5	13.9	20.9#
277	20.0	19.8	29.6

