

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021967.D
 Acq On : 19 May 2016 17:28
 Operator : UM/SJ
 Sample : H3092-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC7

Manual Integrations
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Quant Time: May 20 07:08:59 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	38571	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	197558	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	109270	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	208825	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	176785	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	171726	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1905	2.27	ng/uL	0.00
3) Phenol-d5	7.32	99	38007	11.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	23620	13.02	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	37182	13.30	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	20428	6.73	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	18563	13.39	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	19922	13.47	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	33886	12.96	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	19635	9.54	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	124757	14.81	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	167505	15.44	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	5473m	3.69	ng/ul	0.02
21) Fluorene-d10	15.78	176	111921	14.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	9355	9.03	ng/ul	0.00
26) Anthracene-d10	17.63	188	148297	15.41	ng/ul	0.00
30) Pyrene-d10	19.90	212	156379	16.77	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	120788	15.84	ng/ul	0.00

Target Compounds

					Qvalue	
25) Phenanthrene	17.57	178	20818	1.87	ng/ul#	92
28) Fluoranthene	19.57	202	38605	3.33	ng/ul#	94
31) Pyrene	19.94	202	34942m	2.87	ng/ul	
32) Benzo(a)anthracene	21.79	228	18499	1.89	ng/ul#	91
33) Chrysene	21.86	228	20201	2.12	ng/ul	92
35) Benzo(b)fluoranthene	24.08	252	26466	2.68	ng/ul#	95
36) Benzo(k)fluoranthene	24.13	252	11172m	1.15	ng/ul	
38) Benzo(a)pyrene	24.98	252	18110	1.92	ng/ul#	85
39) Indeno(1,2,3-cd)pyrene	28.97	276	13368m	1.25	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	16225m	1.79	ng/ul	

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

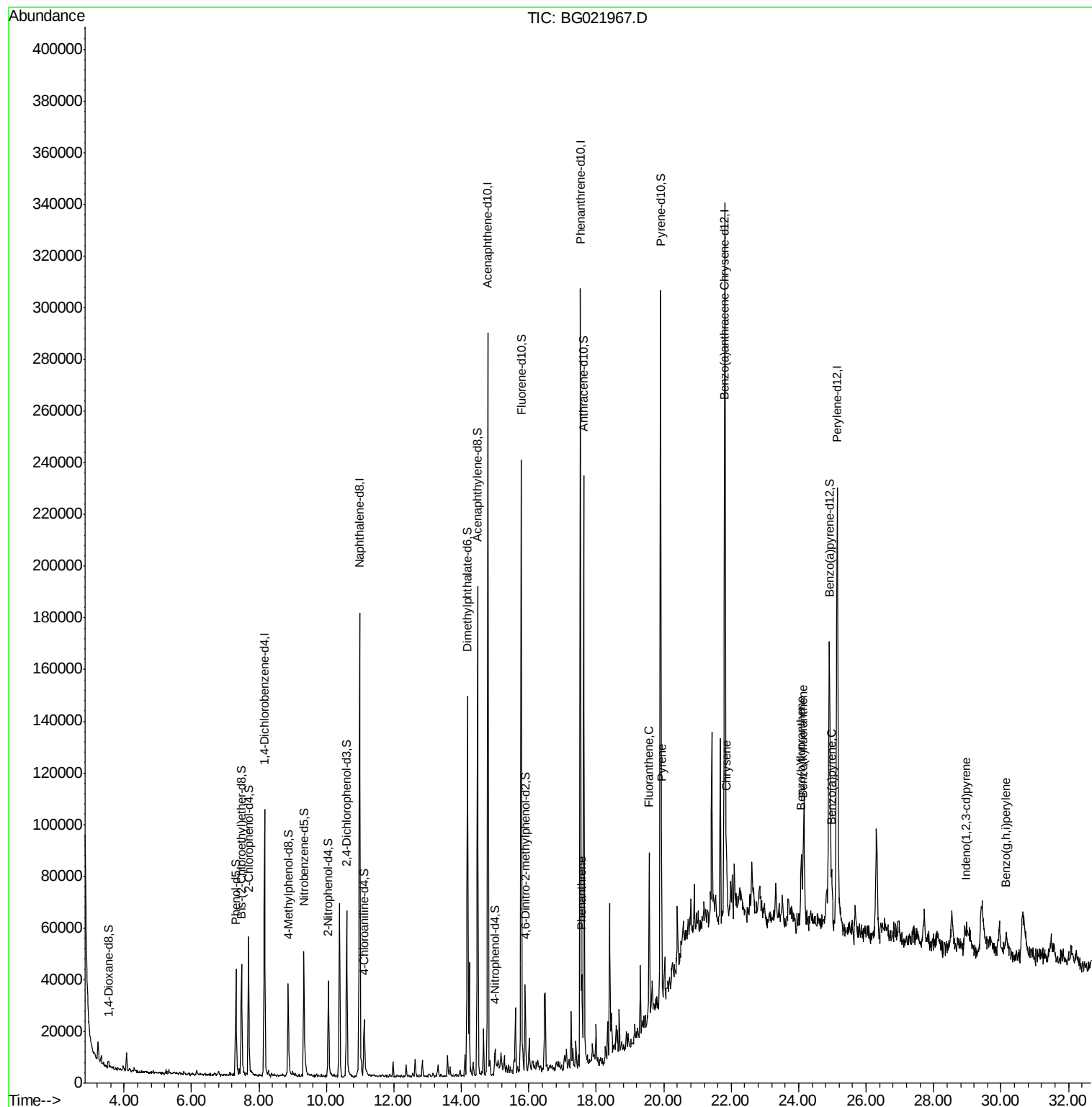
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021967.D
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ALS Vial : 12 Sample Multiplier: 1

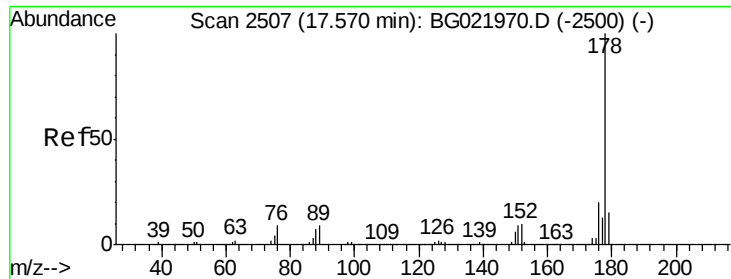
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.87 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG021967.D

Acq: 19 May 2016 17:28

Instrument :

BNA_G

ClientSampleId :

D9XC7

Tgt Ion:178 Resp: 20818

Ion Ratio Lower Upper

178 100

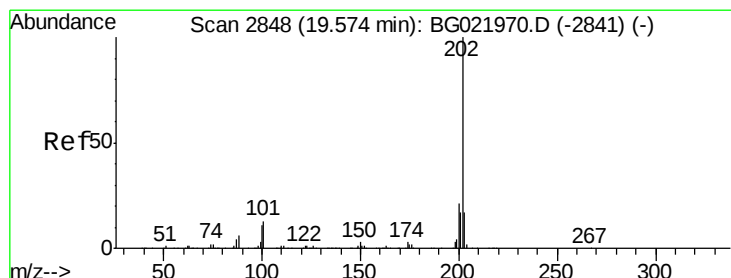
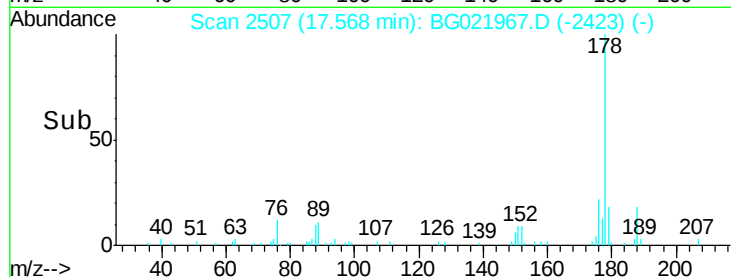
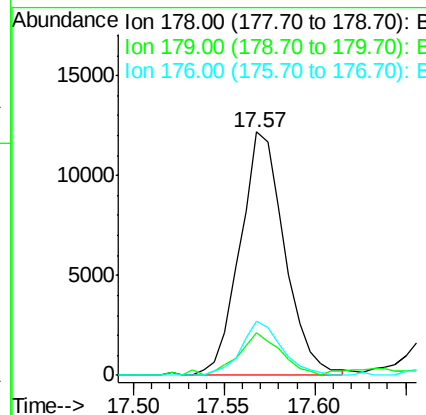
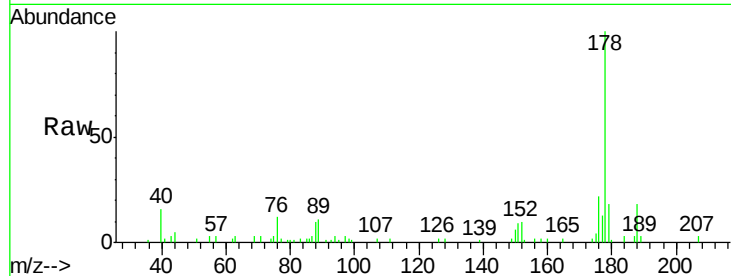
179 17.8 11.8 17.8#

176 22.0 14.8 22.2

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#28

Fluoranthene

Concen: 3.33 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG021967.D

Acq: 19 May 2016 17:28

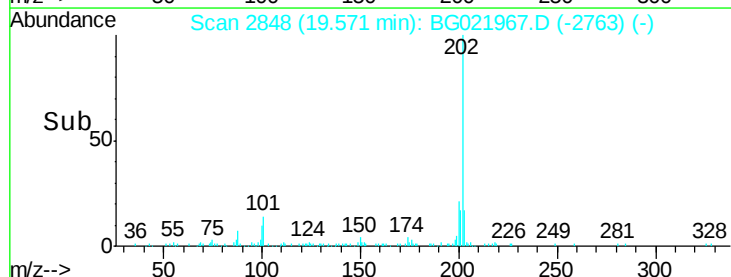
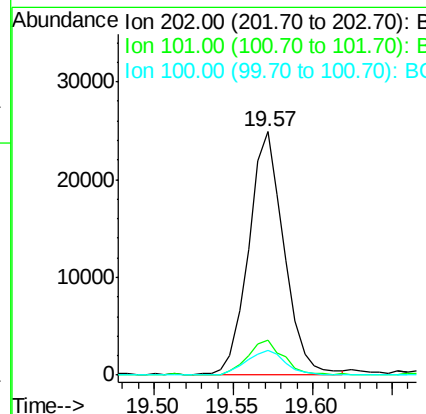
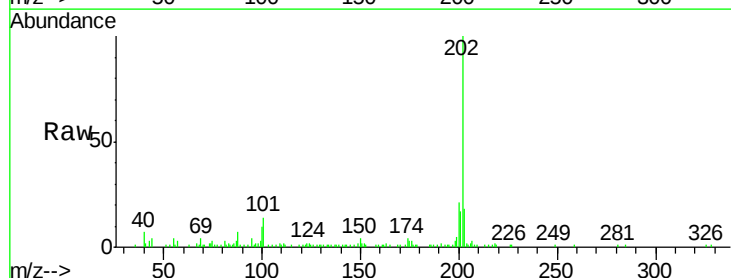
Tgt Ion:202 Resp: 38605

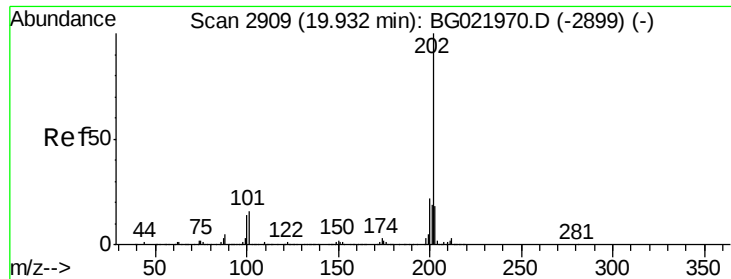
Ion Ratio Lower Upper

202 100

101 14.1 8.9 13.3#

100 10.2 7.0 10.4





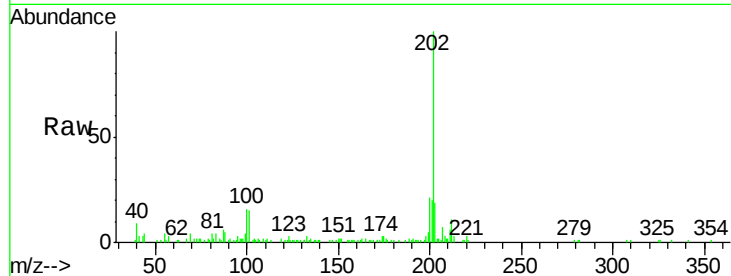
#31
 Pyrene
 Concen: 2.87 ng/ul m
 RT: 19.94 min Scan# 2910
 Delta R.T. 0.01 min
 Lab File: BG021967.D
 Acq: 19 May 2016 17:28

Instrument :
 BNA_G
 ClientSampleId :
 D9XC7

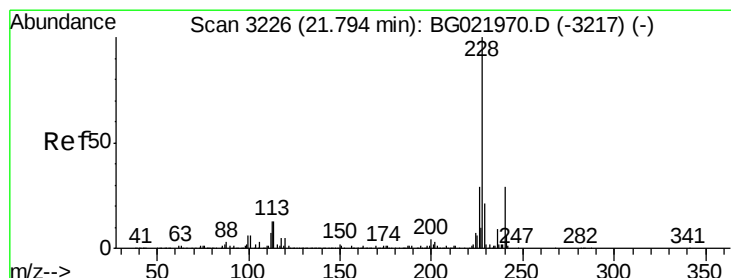
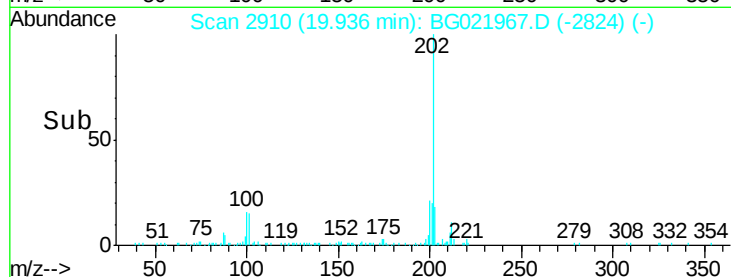
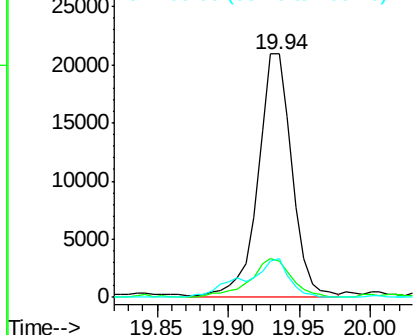
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	9.8	14.8#
100	15.7	9.3	13.9#

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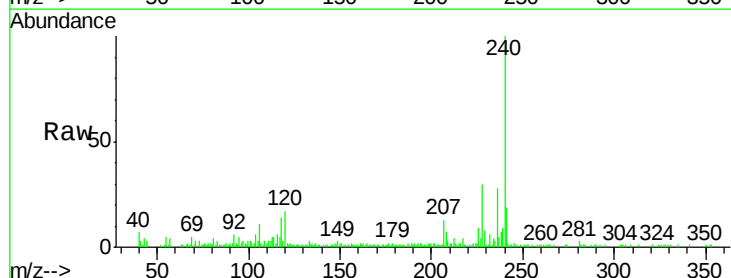


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

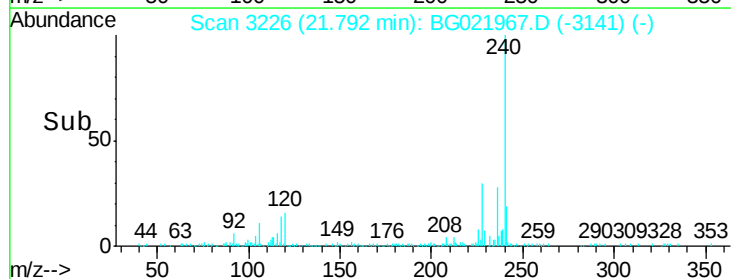
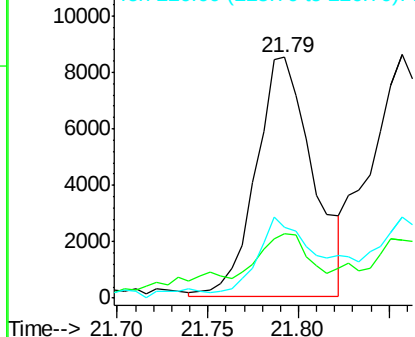


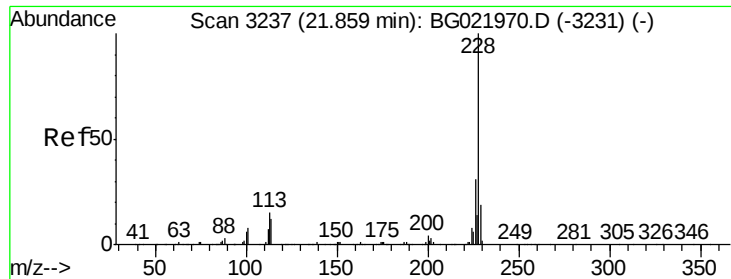
#32
 Benzo(a)anthracene
 Concen: 1.89 ng/ul
 RT: 21.79 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: BG021967.D
 Acq: 19 May 2016 17:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	26.9	16.6	25.0#
226	29.5	21.0	31.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 2.12 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. 0.00 min

Lab File: BG021967.D

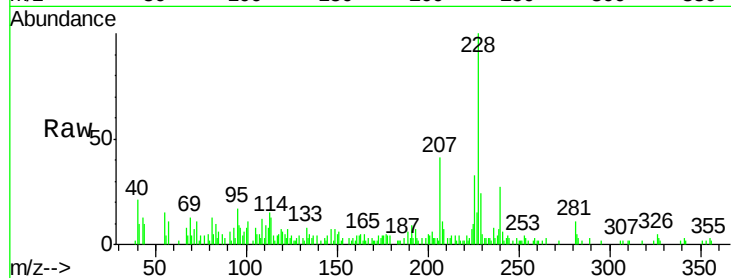
Acq: 19 May 2016 17:28

Instrument :

BNA_G

ClientSampleId :

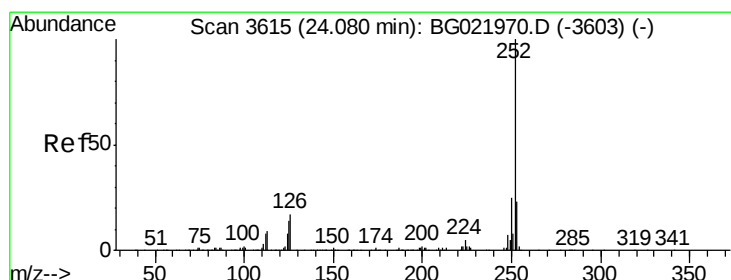
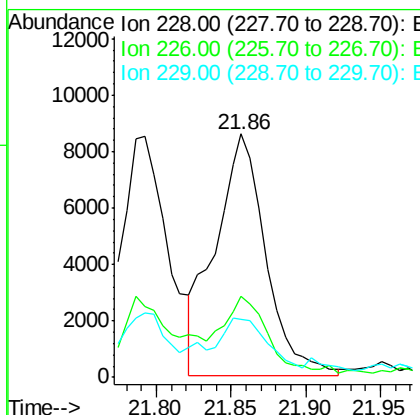
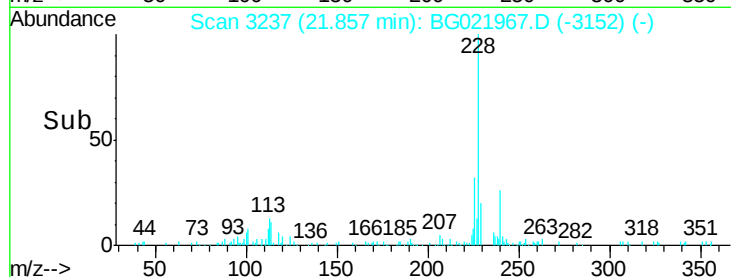
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Tgt Ion:	228	Resp:	20201
Ion Ratio	Lower	Upper	
228	100		
226	33.4	23.4	35.2
229	24.1	16.2	24.2

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#35

Benzo(b)fluoranthene

Concen: 2.68 ng/ul

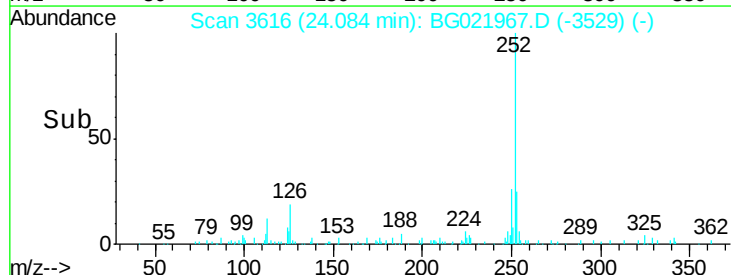
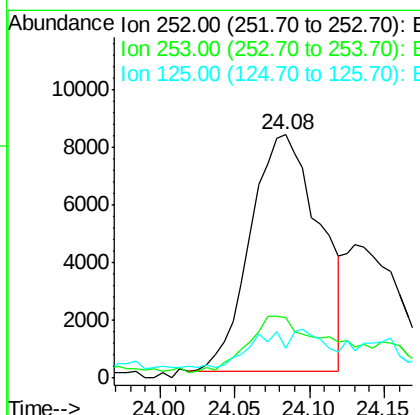
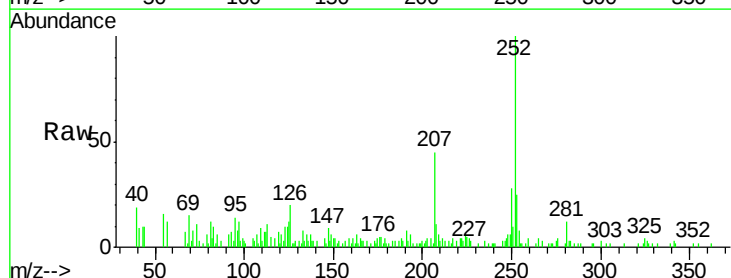
RT: 24.08 min Scan# 3616

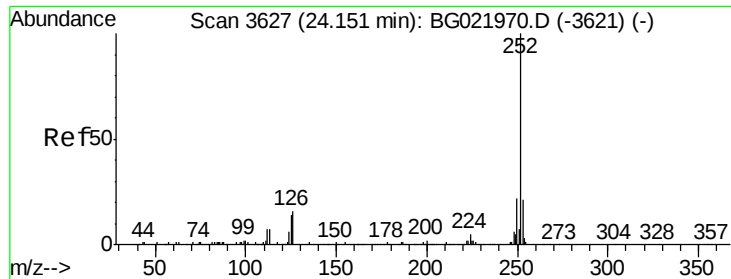
Delta R.T. 0.01 min

Lab File: BG021967.D

Acq: 19 May 2016 17:28

Tgt Ion:	252	Resp:	26466
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.1	27.1
125	12.1	7.6	11.4#





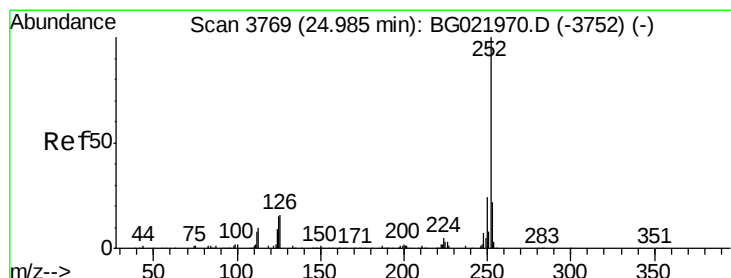
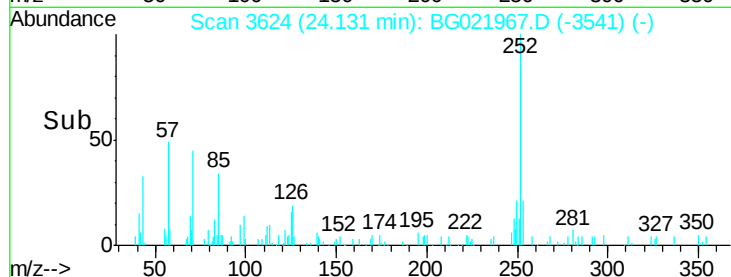
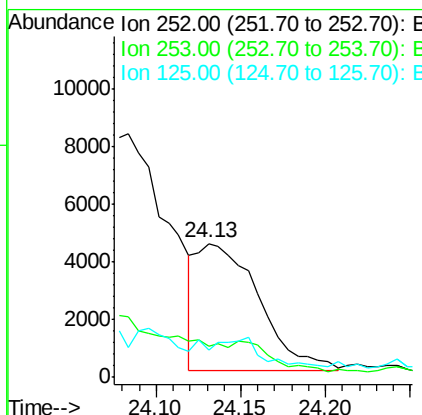
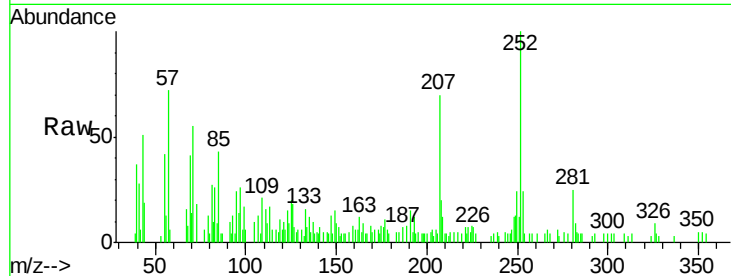
#36
Benzo(k)fluoranthene
Concen: 1.15 ng/ul m
RT: 24.13 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BG021967.D
Acq: 19 May 2016 17:28

Instrument :
BNA_G
ClientSampleId :
D9XC7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	20.2	7.7	11.5#

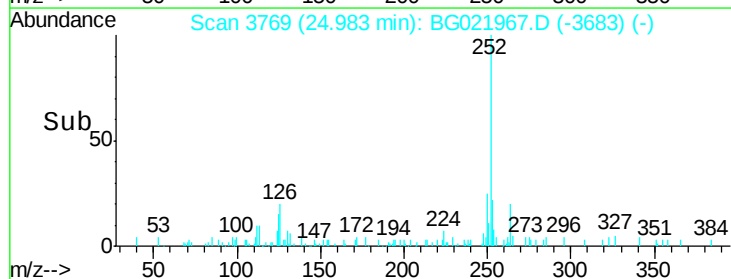
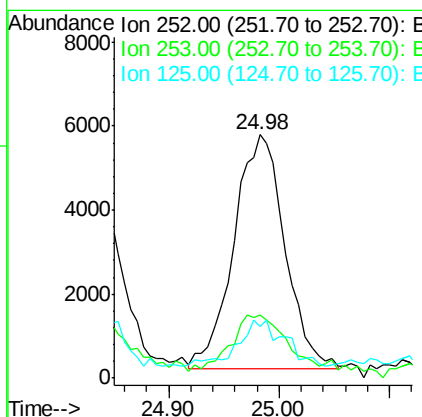
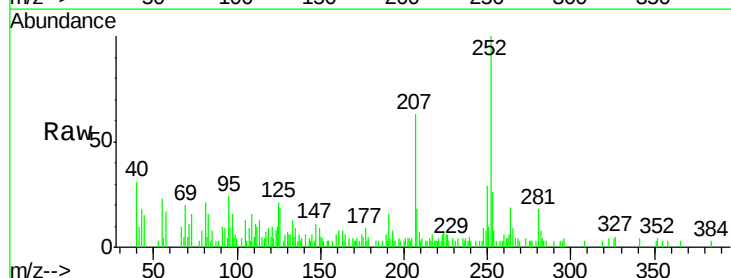
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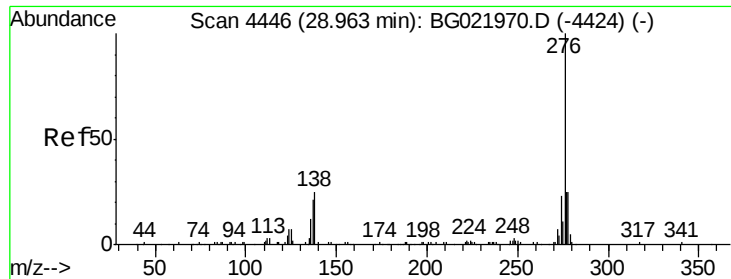
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#38
Benzo(a)pyrene
Concen: 1.92 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. 0.01 min
Lab File: BG021967.D
Acq: 19 May 2016 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.0
125	21.0	8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.25 ng/ul m

RT: 28.97 min Scan# 4447

Delta R.T. 0.03 min

Lab File: BG021967.D

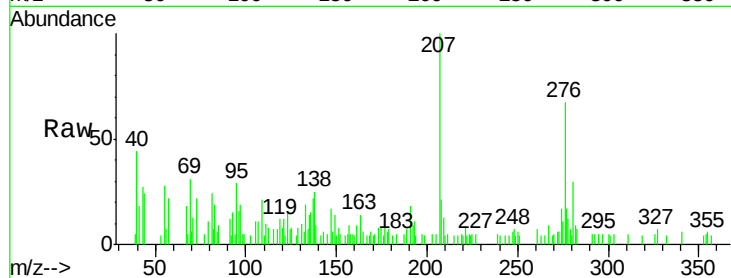
Acq: 19 May 2016 17:28

Instrument :

BNA_G

ClientSampleId :

D9XC7



Tgt Ion: 276 Resp: 13368

Ion Ratio Lower Upper

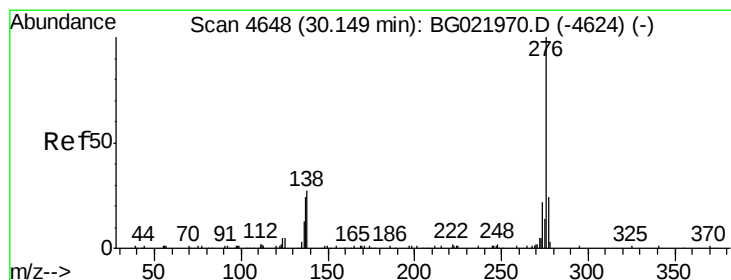
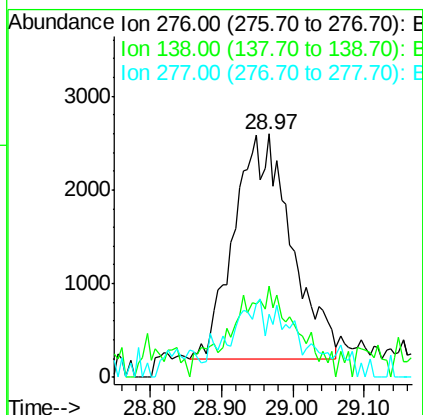
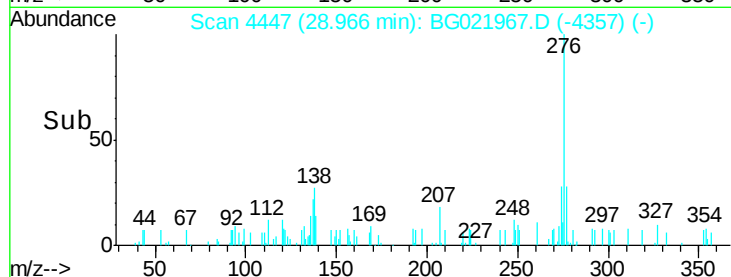
276 100

138 37.6 15.8 23.6#

277 25.9 19.0 28.6

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#41

Benzo(g,h,i)perylene

Concen: 1.79 ng/ul m

RT: 30.14 min Scan# 4647

Delta R.T. 0.01 min

Lab File: BG021967.D

Acq: 19 May 2016 17:28

Tgt Ion: 276 Resp: 16225

Ion Ratio Lower Upper

276 100

138 40.9 13.9 20.9#

277 26.4 19.8 29.6

