

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022030.D
 Acq On : 23 May 2016 2:46
 Operator : UM/SJ
 Sample : H3203-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG9

Manual Integrations
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Quant Time: May 24 18:24:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53793	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	269859	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	146826	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	281760	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	253405	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	236732	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1228	1.05	ng/uL	0.00
3) Phenol-d5	7.31	99	56058	11.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	31335	12.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	50640	12.98	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	39932	9.44	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	25390	13.41	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	26815	13.27	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	48882	13.69	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	48794	17.35	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	160032	14.14	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	218717	15.00	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	12575m	6.31	ng/ul	0.00
21) Fluorene-d10	15.77	176	140706	13.81	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12247	8.76	ng/ul	0.00
26) Anthracene-d10	17.63	188	190261	14.66	ng/ul	0.00
30) Pyrene-d10	19.91	212	203734	15.24	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	163230	15.53	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	17067	1.13	ng/ul	99
28) Fluoranthene	19.57	202	31903	2.04	ng/ul#	94
31) Pyrene	19.94	202	27552m	1.58	ng/ul	
32) Benzo(a)anthracene	21.79	228	17452	1.24	ng/ul#	91
33) Chrysene	21.86	228	21349m	1.56	ng/ul	
35) Benzo(b)fluoranthene	24.09	252	26757	1.97	ng/ul#	93
38) Benzo(a)pyrene	24.99	252	16873	1.30	ng/ul#	91
41) Benzo(g,h,i)perylene	30.16	276	13502m	1.08	ng/ul	

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

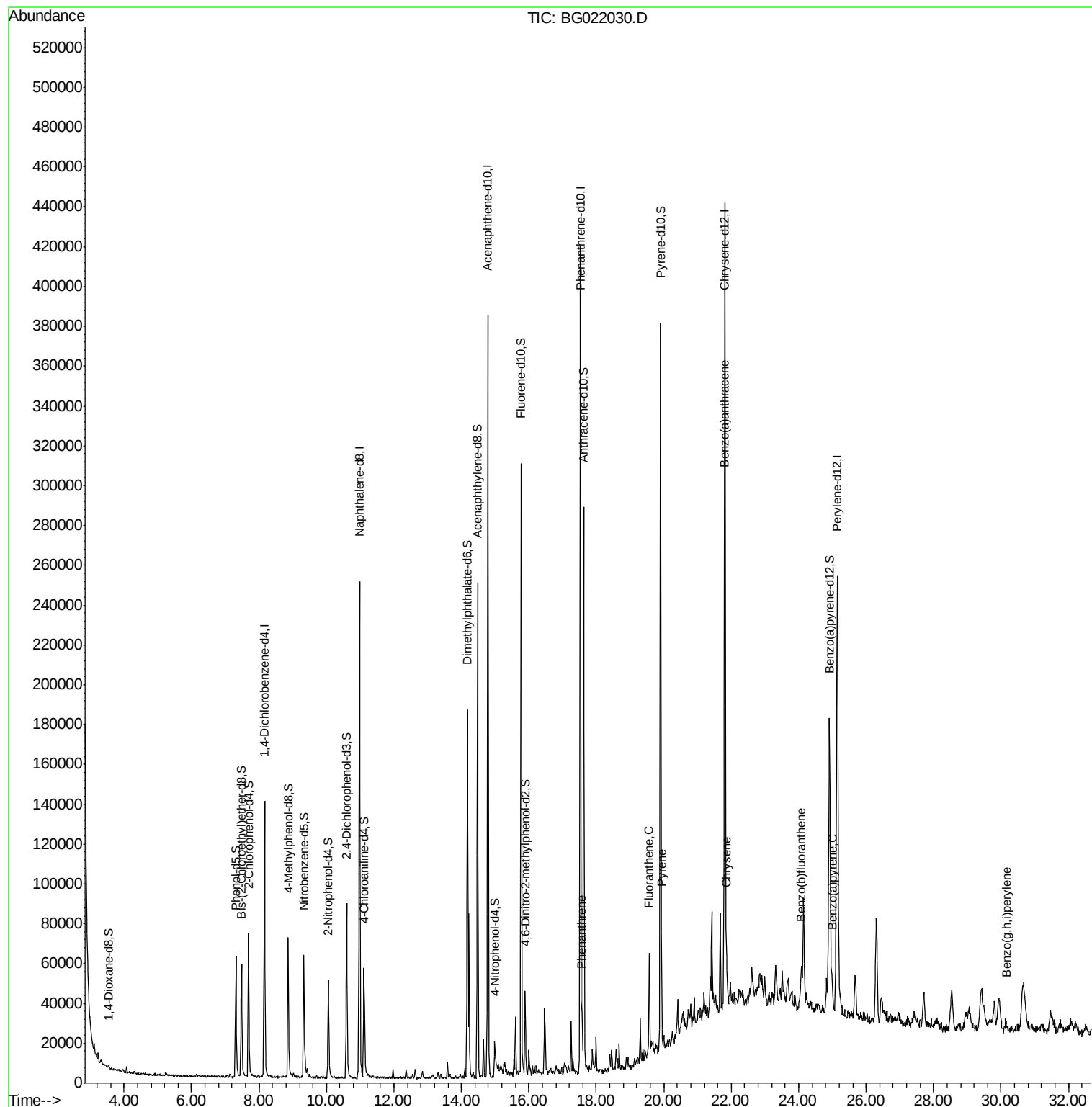
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022030.D
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Operator : UM/SJ
Sample : H3203-06
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ALS Vial : 21 Sample Multiplier: 1

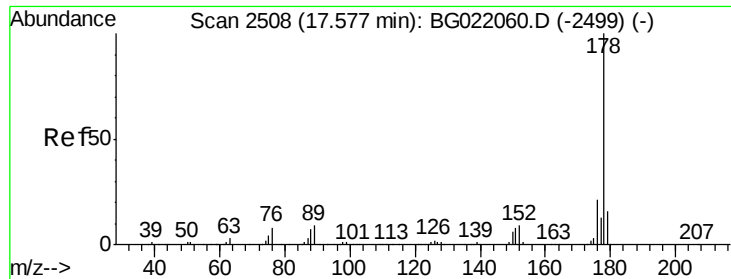
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Quant Time: May 24 18:24:14 2016
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Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.13 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG022030.D

Acq: 23 May 2016 2:46

Instrument :

BNA_G

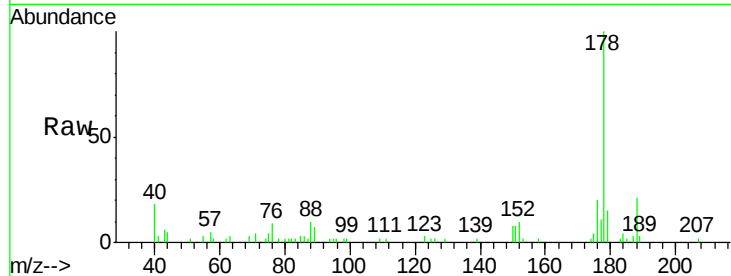
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D9XG9

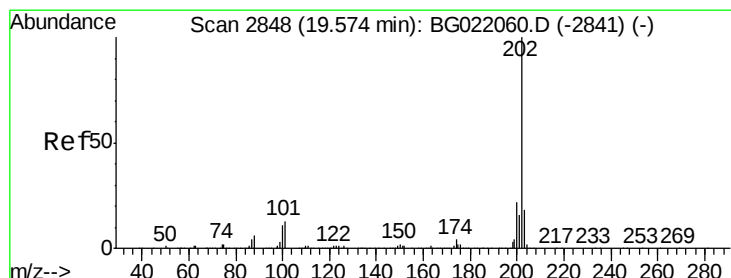
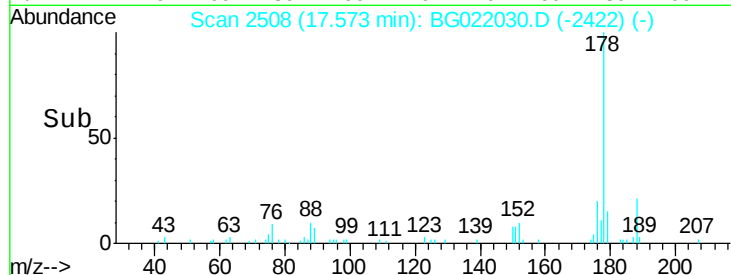
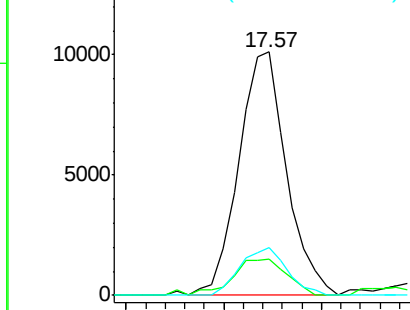
Tgt Ion:	178	Resp:	17067
Ion Ratio	Lower	Upper	
178	100		
179	14.8	11.8	17.8
176	19.5	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 2.04 ng/ul

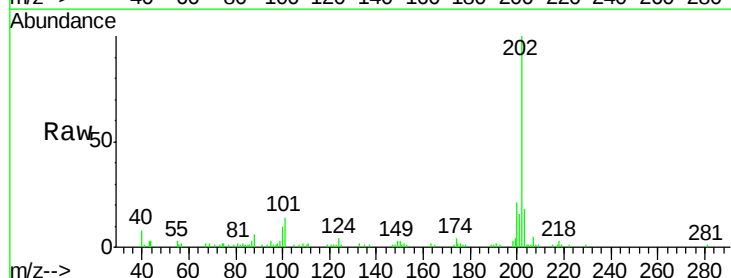
RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

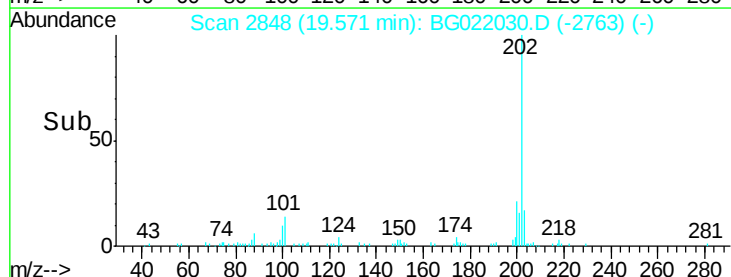
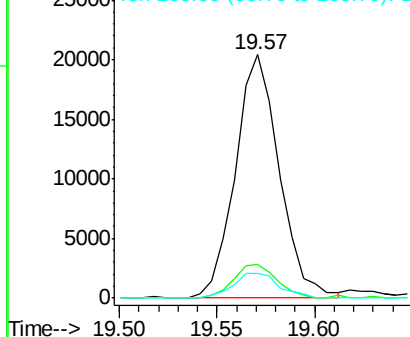
Lab File: BG022030.D

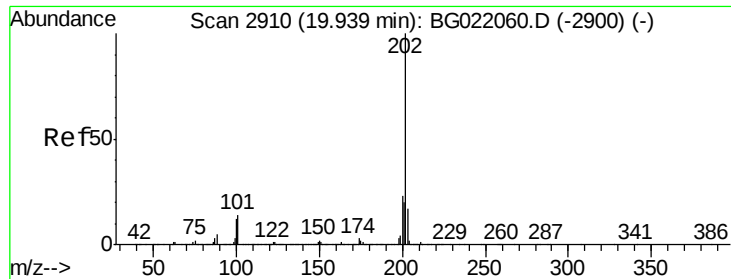
Acq: 23 May 2016 2:46

Tgt Ion:	202	Resp:	31903
Ion Ratio	Lower	Upper	
202	100		
101	14.0	8.9	13.3#
100	10.0	7.0	10.4



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): B





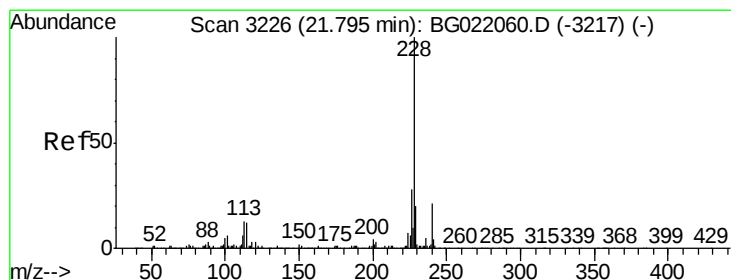
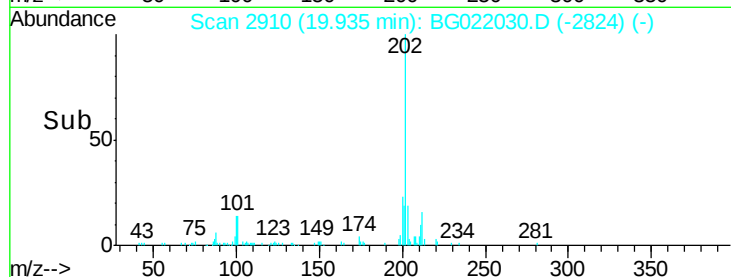
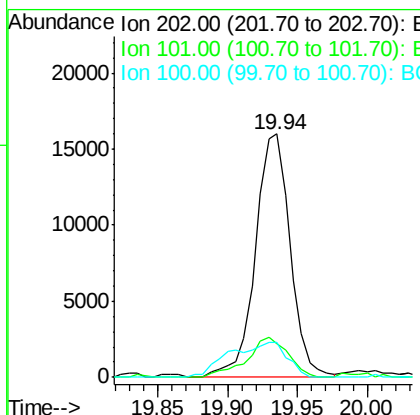
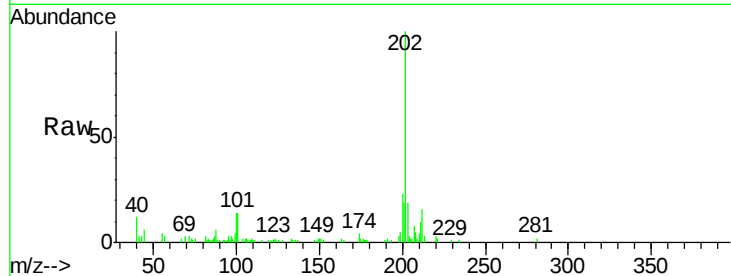
#31
 Pyrene
 Concen: 1.58 ng/ul m
 RT: 19.94 min Scan# 2910
 Delta R.T. 0.00 min
 Lab File: BG022030.D
 Acq: 23 May 2016 2:46

Instrument :
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 ClientSampleId :
 D9XG9

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.9	9.8	14.8
100	14.5	9.3	13.9#

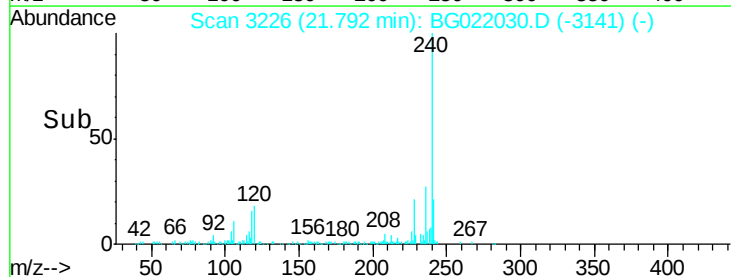
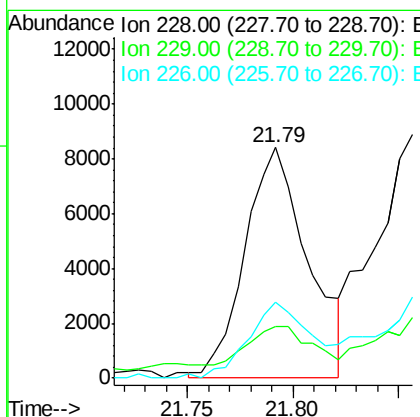
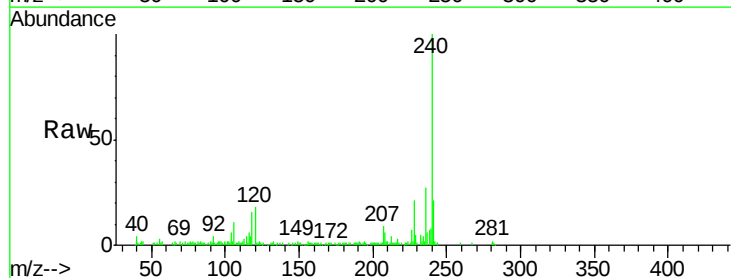
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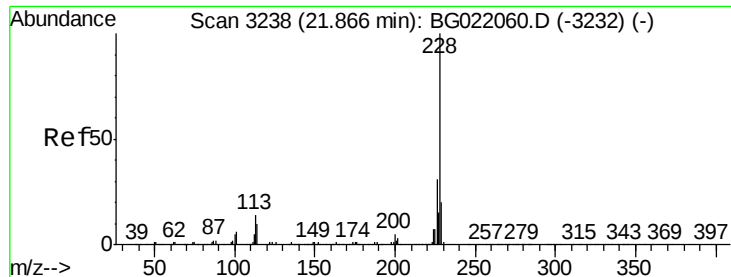
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#32
 Benzo(a)anthracene
 Concen: 1.24 ng/ul
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG022030.D
 Acq: 23 May 2016 2:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.5	16.6	25.0
226	32.9	21.0	31.4#





#33

Chrysene

Concen: 1.56 ng/ul m

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG022030.D

Acq: 23 May 2016 2:46

Instrument :

BNA_G

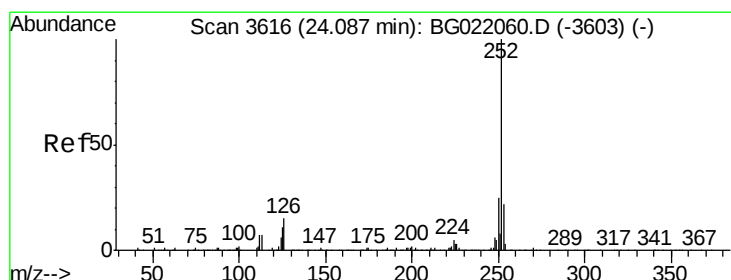
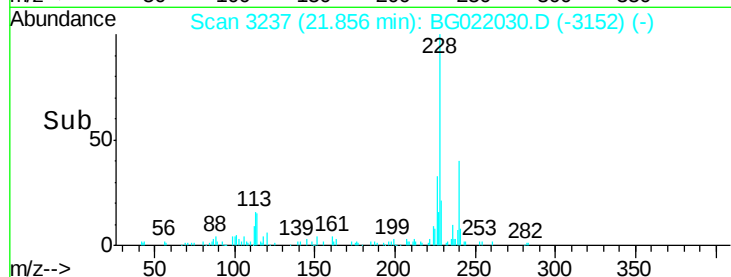
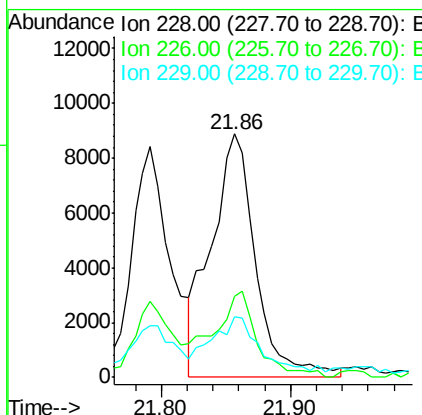
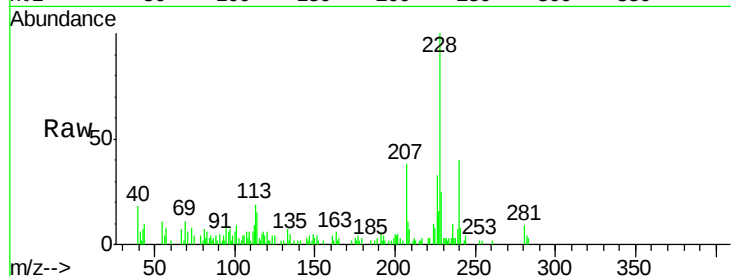
ClientSampleId :

D9XG9

Tgt Ion:	228	Resp:	21349
Ion Ratio	Lower	Upper	
228	100		
226	33.4	23.4	35.2
229	24.7	16.2	24.2#

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#35

Benzo(b)fluoranthene

Concen: 1.97 ng/ul

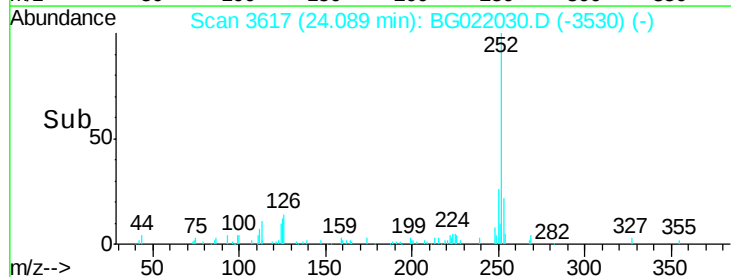
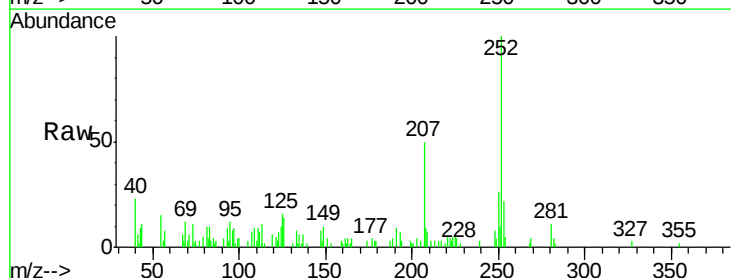
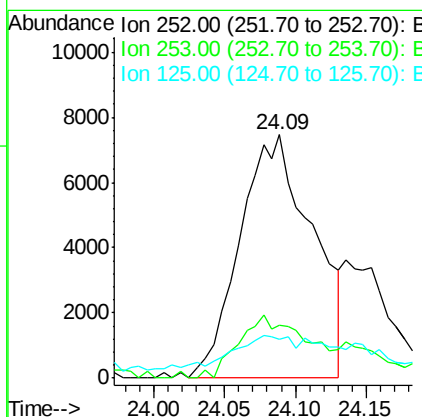
RT: 24.09 min Scan# 3617

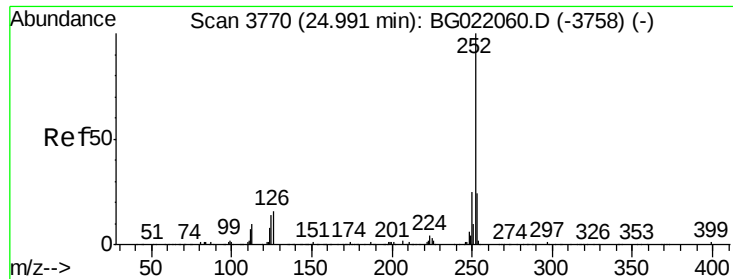
Delta R.T. 0.01 min

Lab File: BG022030.D

Acq: 23 May 2016 2:46

Tgt Ion:	252	Resp:	26757
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	16.1	7.6	11.4#





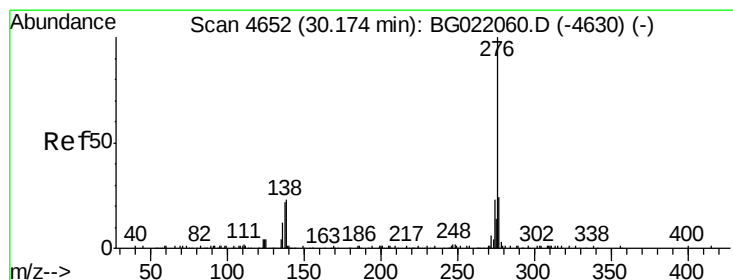
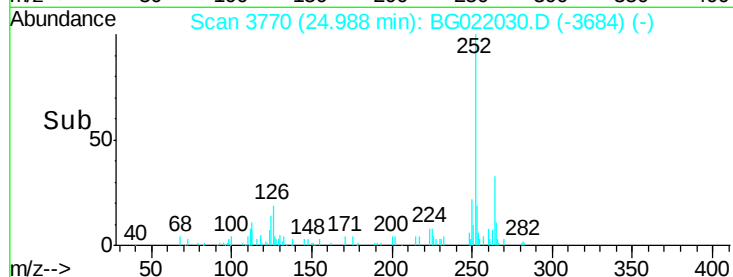
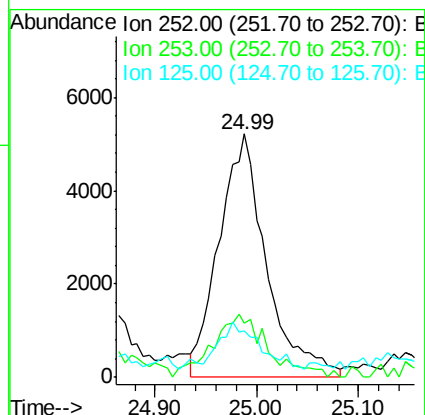
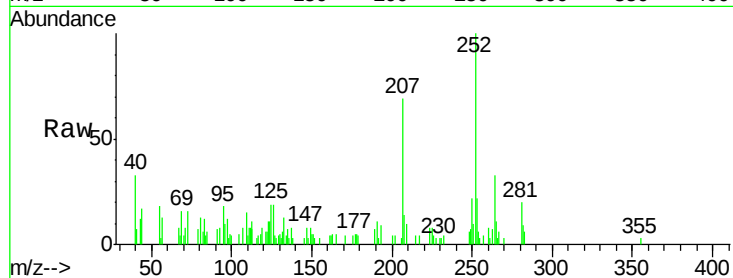
#38
Benzo(a)pyrene
Concen: 1.30 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.00 min
Lab File: BG022030.D
Acq: 23 May 2016 2:46

Instrument :
BNA_G
ClientSampleId :
D9XG9

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.4	26.0
125	19.3	8.2	12.2

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#41
Benzo(g,h,i)perylene
Concen: 1.08 ng/ul m
RT: 30.16 min Scan# 4650
Delta R.T. 0.01 min
Lab File: BG022030.D
Acq: 23 May 2016 2:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	47.3	13.9	20.9
277	34.9	19.8	29.6

