

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022032.D
 Acq On : 23 May 2016 4:06
 Operator : UM/SJ
 Sample : H3203-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH3

Manual Integrations
 APPROVED

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Quant Time: May 24 12:46:45 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	42396	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	211551	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	112507	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	217313	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	192019	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	178009	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1317	1.42	ng/uL	0.00
3) Phenol-d5	7.31	99	76945	20.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	42743	21.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	67268	21.88	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	60843	18.25	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	34777	23.43	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	37200	23.49	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	61780	22.07	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	68962	31.28	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	203226	23.43	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	278088	24.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	24110m	15.80	ng/ul	0.00
21) Fluorene-d10	15.77	176	181053	23.19	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	18002	16.69	ng/ul	0.00
26) Anthracene-d10	17.63	188	244758	24.45	ng/ul	0.00
30) Pyrene-d10	19.90	212	256991	25.37	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	210309	26.60	ng/ul	0.00

Target Compounds						Qvalue
28) Fluoranthene	19.57	202	20187	1.67	ng/ul#	91
31) Pyrene	19.93	202	19469	1.47	ng/ul	98
33) Chrysene	21.86	228	10364	1.00	ng/ul	95
35) Benzo(b)fluoranthene	24.09	252	16341m	1.60	ng/ul	

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

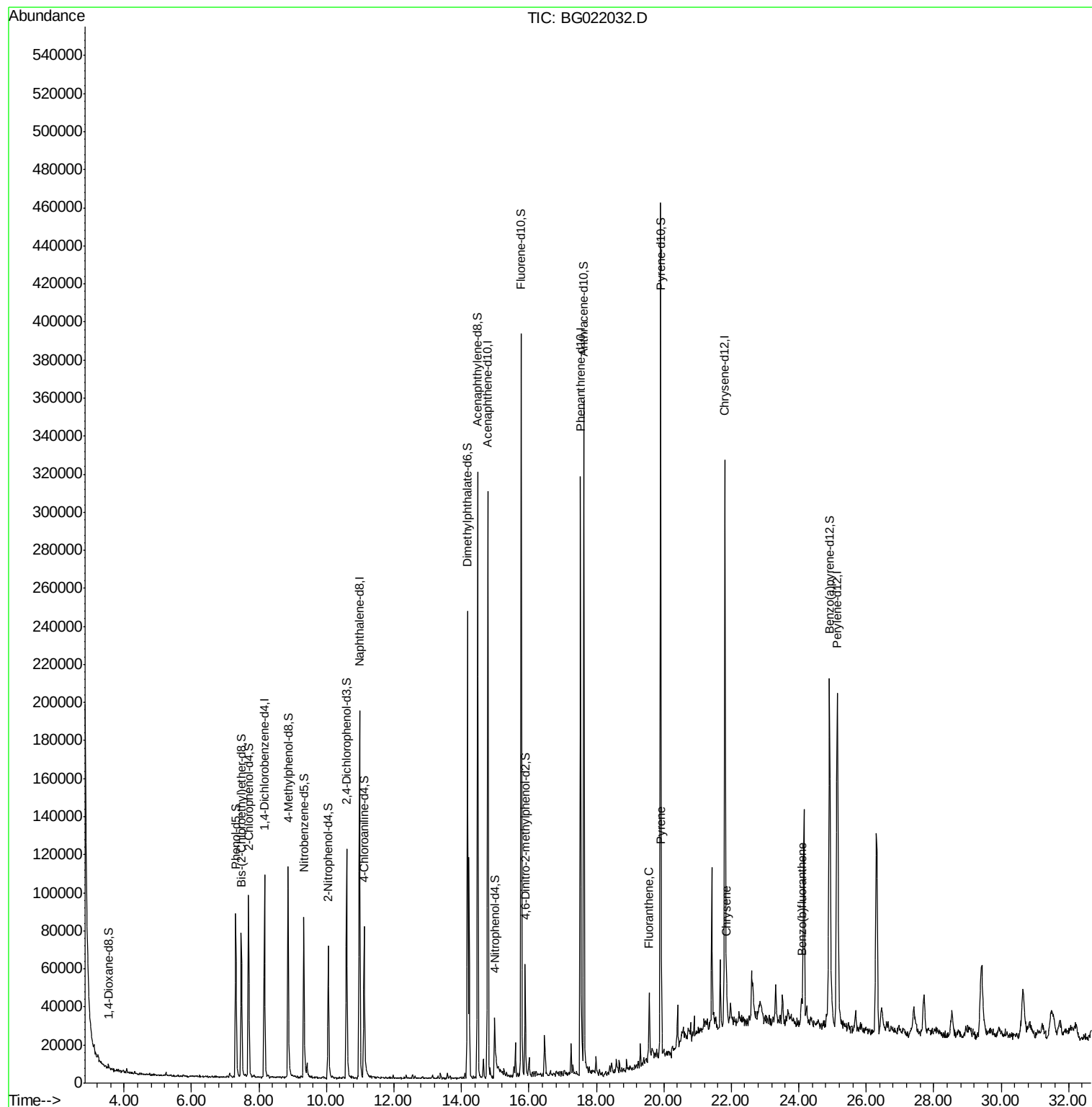
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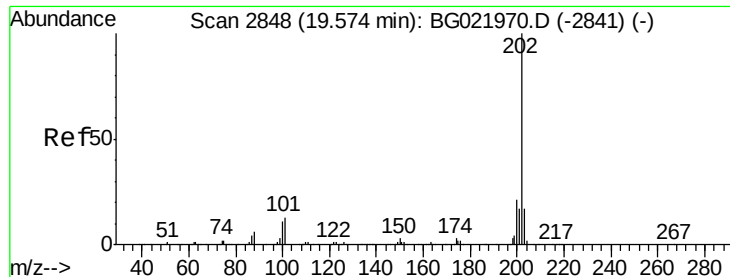
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#28

Fluoranthene

Concen: 1.67 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG022032.D

Acq: 23 May 2016 4:06

Instrument :

BNA_G

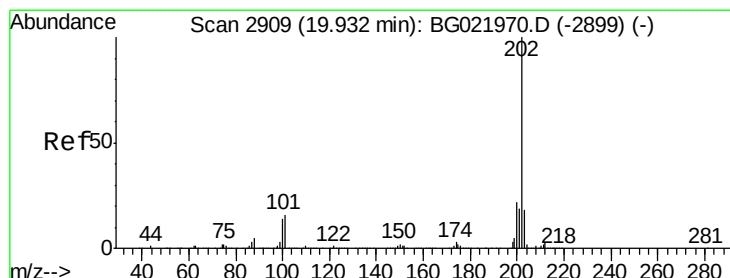
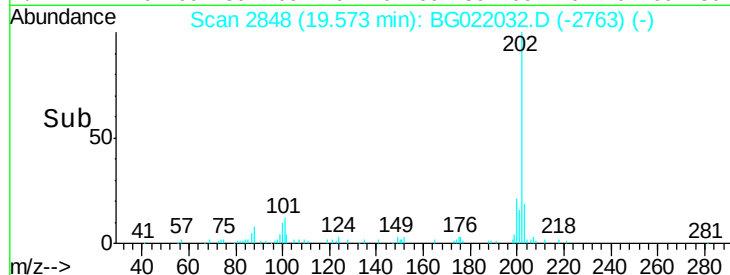
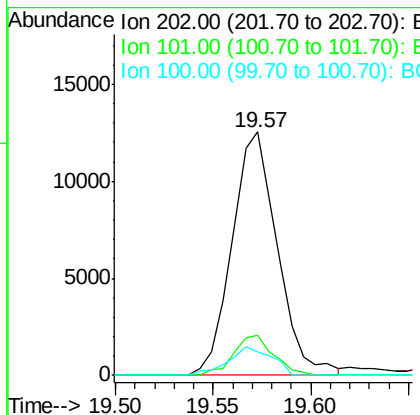
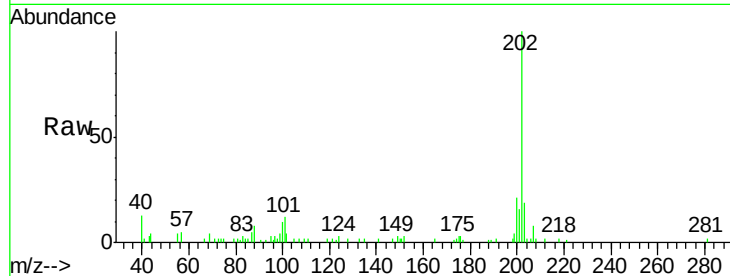
ClientSampleId :

D9XH3

Tgt Ion:	202	Resp:	20187
Ion Ratio	Lower	Upper	
202	100		
101	16.3	8.9	13.3#
100	9.7	7.0	10.4

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#31

Pyrene

Concen: 1.47 ng/ul

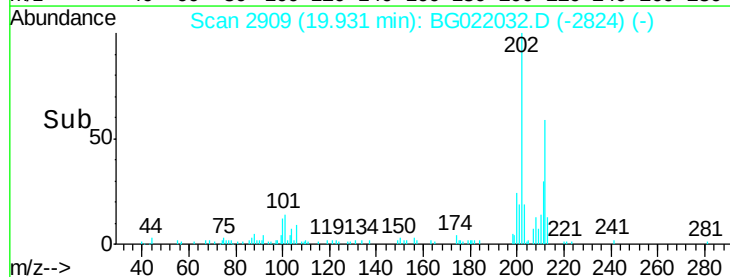
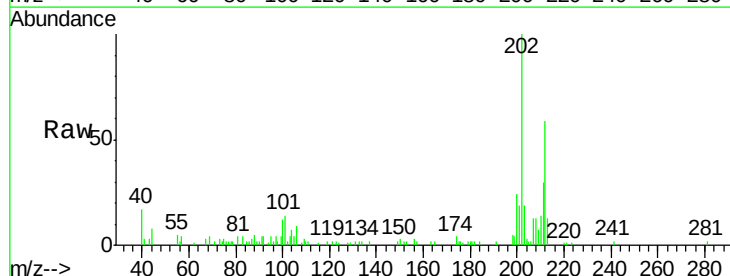
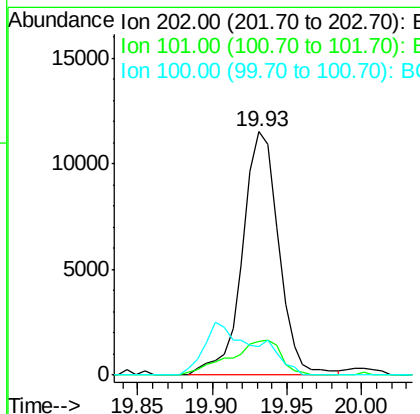
RT: 19.93 min Scan# 2909

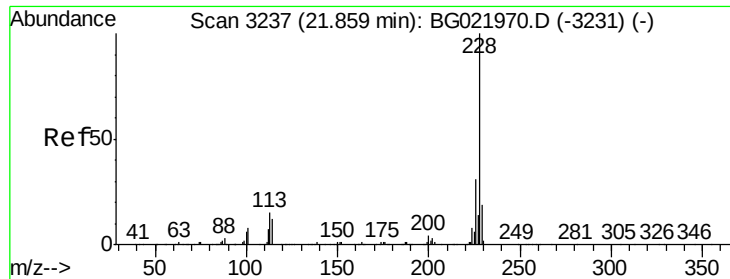
Delta R.T. -0.00 min

Lab File: BG022032.D

Acq: 23 May 2016 4:06

Tgt Ion:	202	Resp:	19469
Ion Ratio	Lower	Upper	
202	100		
101	14.0	9.8	14.8
100	11.7	9.3	13.9





#33

Chrysene

Concen: 1.00 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG022032.D

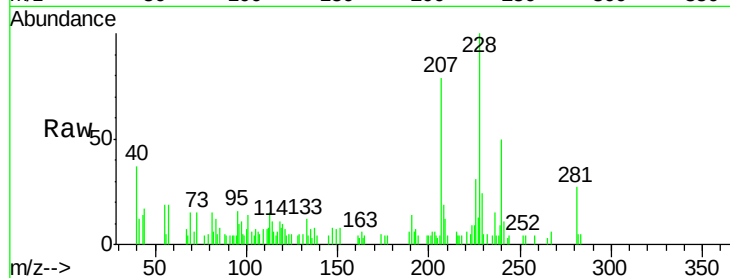
Acq: 23 May 2016 4:06

Instrument :

BNA_G

ClientSampleId :

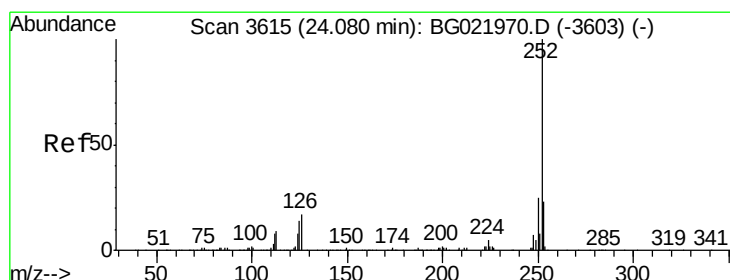
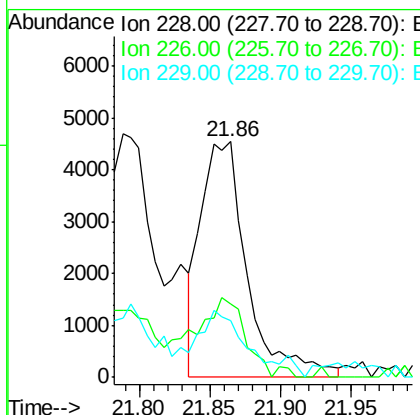
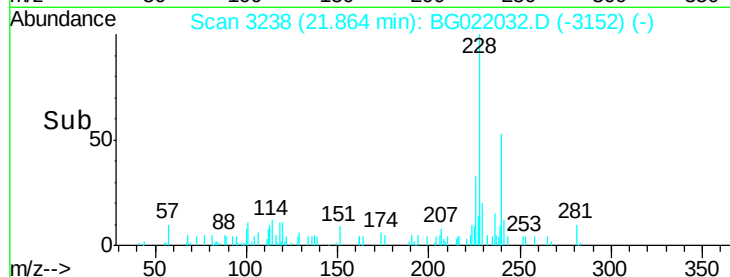
D9XH3



Tgt Ion:	228	Resp:	10364
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.2
229	23.9	16.2	24.2

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#35

Benzo(b)fluoranthene

Concen: 1.60 ng/ul m

RT: 24.09 min Scan# 3617

Delta R.T. 0.01 min

Lab File: BG022032.D

Acq: 23 May 2016 4:06

Tgt Ion:	252	Resp:	16341
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	18.0	7.6	11.4#

