

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022021.D
 Acq On : 22 May 2016 20:43
 Operator : UM/SJ
 Sample : H3204-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XK3

Manual Integrations
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Quant Time: May 24 10:45:44 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	42006	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	211322	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	116813	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	218288	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	187642	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	178468	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1321	1.44	ng/uL	0.00
3) Phenol-d5	7.31	99	68803	18.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	39386	19.94	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	60125	19.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	58338	17.66	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	32281	21.77	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	31339	19.81	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	57988	20.74	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	54534	24.76	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	185658	20.61	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	266996	23.01	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	10943m	6.91	ng/ul	0.00
21) Fluorene-d10	15.77	176	172200	21.24	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12662	11.69	ng/ul	0.00
26) Anthracene-d10	17.63	188	226914	22.56	ng/ul	0.00
30) Pyrene-d10	19.90	212	236336	23.87	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	192464	24.28	ng/ul	0.00

Target Compounds						Qvalue
25) Phenanthrene	17.57	178	12921	1.11	ng/ul	95
28) Fluoranthene	19.57	202	19245	1.59	ng/ul#	94
31) Pyrene	19.93	202	17811m	1.38	ng/ul	
33) Chrysene	21.86	228	11355	1.12	ng/ul#	91
35) Benzo(b)fluoranthene	24.08	252	16381	1.60	ng/ul#	87

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

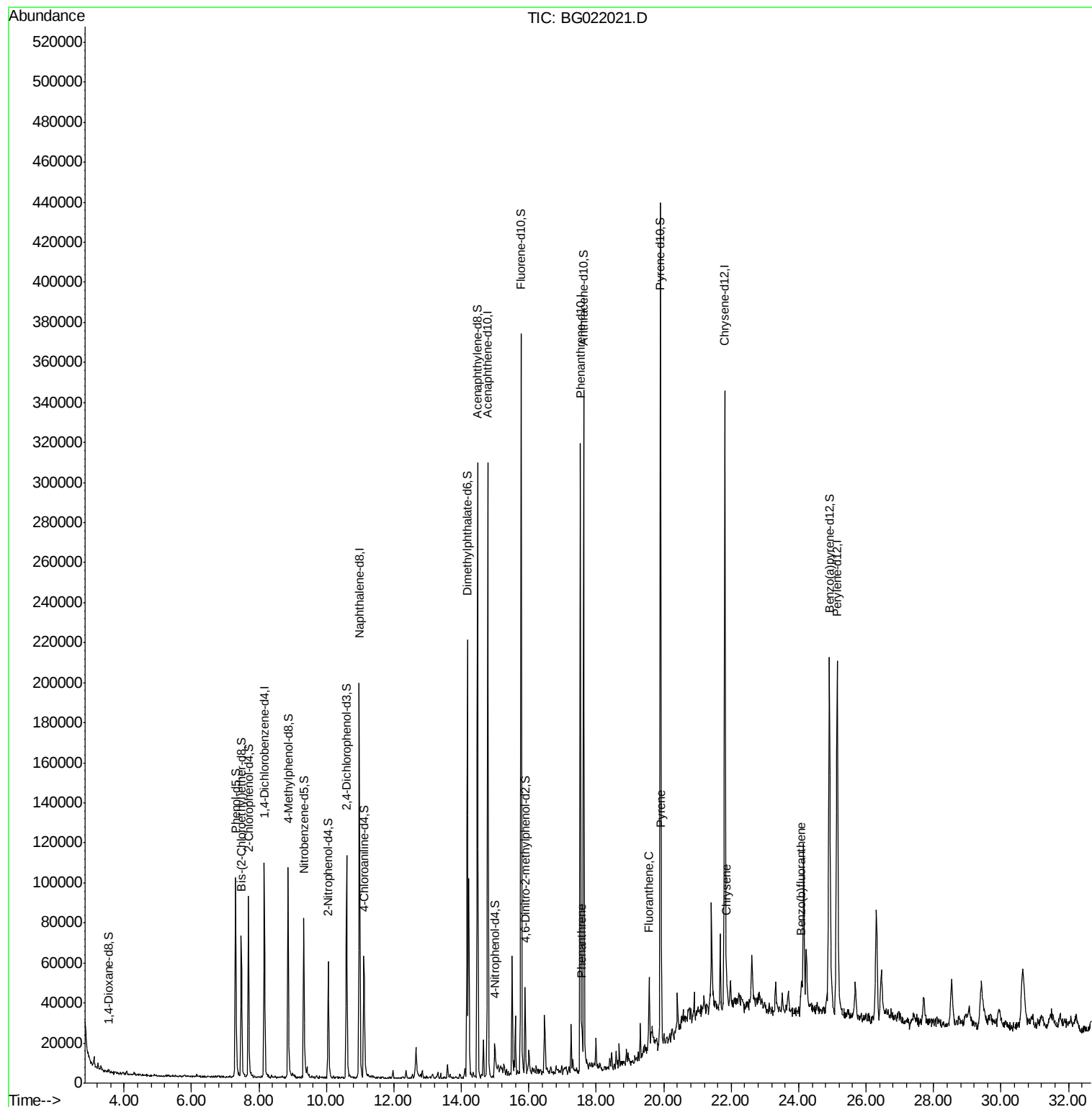
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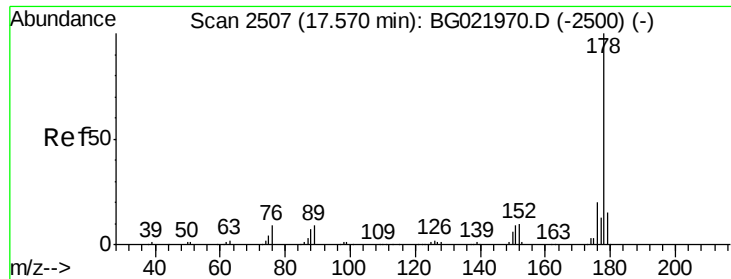
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#25

Phenanthrene

Concen: 1.11 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022021.D

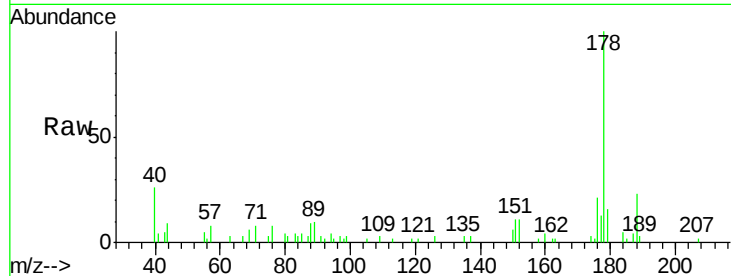
Acq: 22 May 2016 20:43

Instrument :

BNA_G

ClientSampleId :

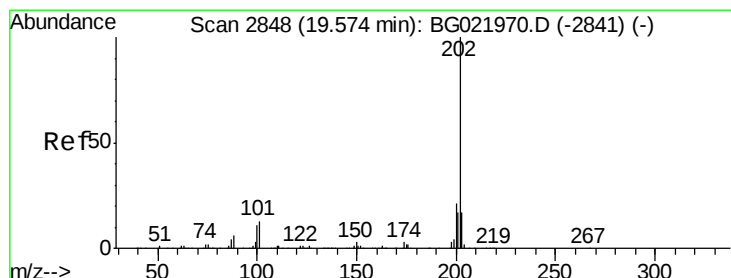
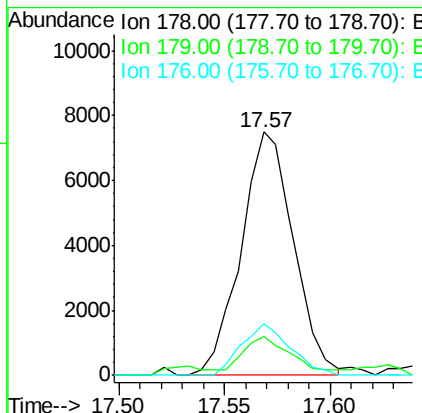
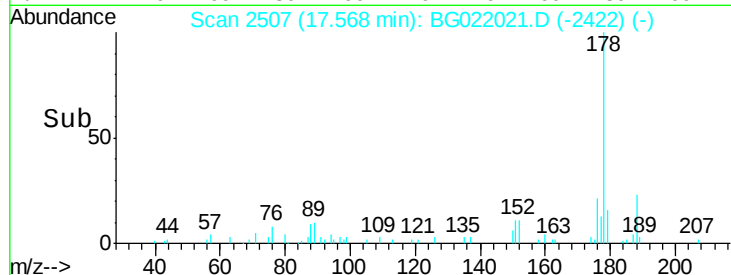
D9XK3



Tgt Ion:	178	Resp:	12921
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.8	17.8
176	21.3	14.8	22.2

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#28

Fluoranthene

Concen: 1.59 ng/ul

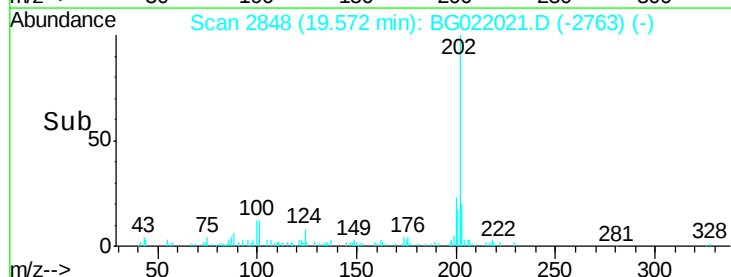
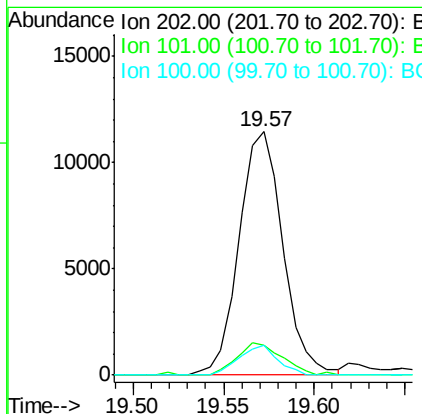
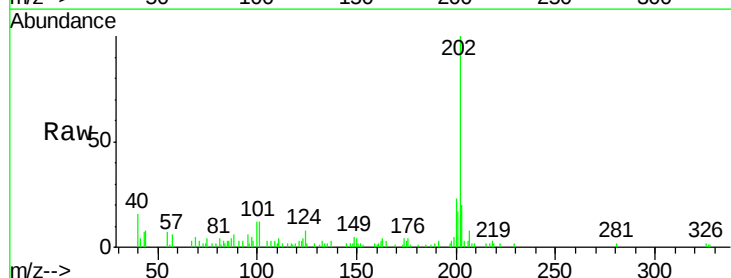
RT: 19.57 min Scan# 2848

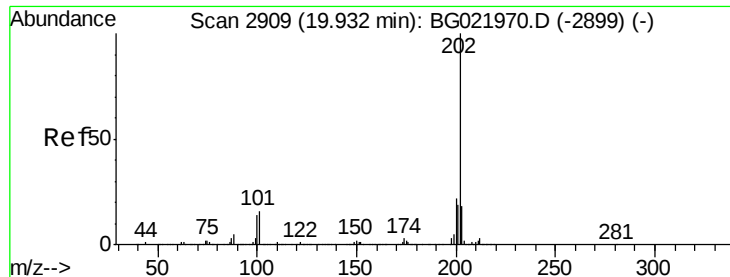
Delta R.T. -0.00 min

Lab File: BG022021.D

Acq: 22 May 2016 20:43

Tgt Ion:	202	Resp:	19245
Ion Ratio	Lower	Upper	
202	100		
101	12.1	8.9	13.3
100	12.3	7.0	10.4#





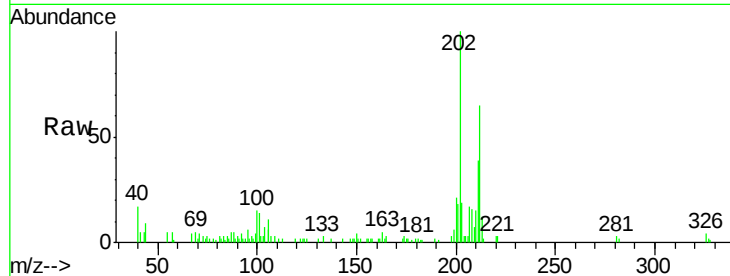
#31
Pyrene
Concen: 1.38 ng/ul m
RT: 19.93 min Scan# 2909
Delta R.T. -0.00 min
Lab File: BG022021.D
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Instrument :
BNA_G
ClientSampleId :
D9XK3

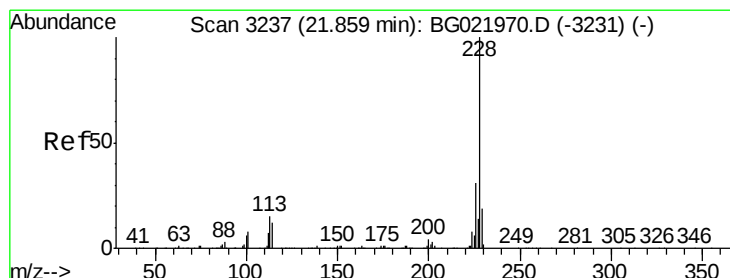
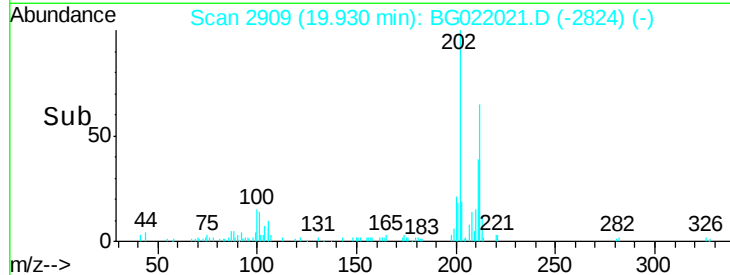
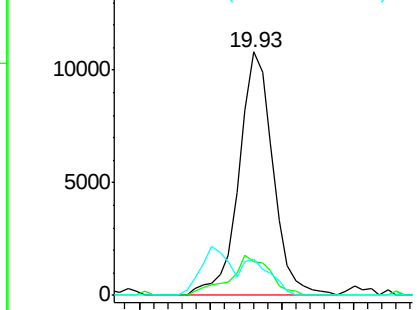
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	17811		
101	14.1	9.8	14.8	
100	14.8	9.3	13.9#	

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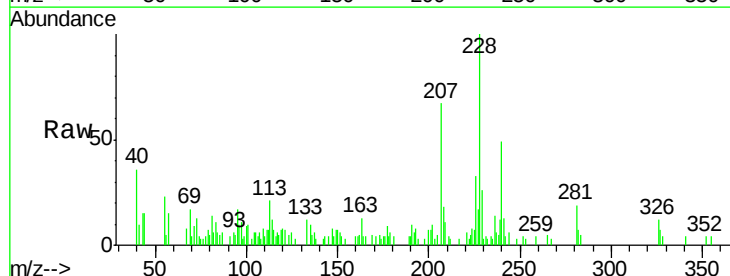


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

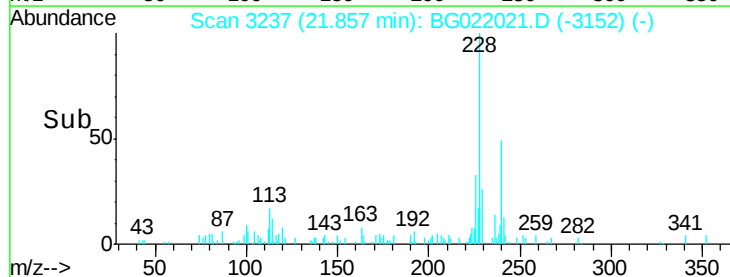
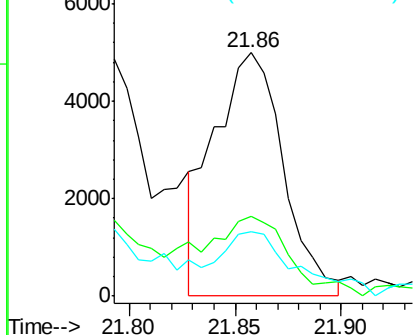


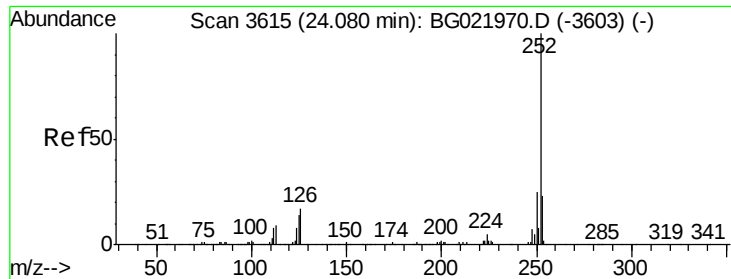
#33
Chrysene
Concen: 1.12 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022021.D
Acq: 22 May 2016 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	11355		
226	32.8	23.4	35.2	
229	26.4	16.2	24.2#	



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





#35
 Benzo(b)fluoranthene
 Concen: 1.60 ng/ul
 RT: 24.08 min Scan# 3616
 Delta R.T. 0.00 min
 Lab File: BG022021.D
 Acq: 22 May 2016 20:43

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	20.9	7.6	11.4

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