

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022028.D
 Acq On : 23 May 2016 1:25
 Operator : UM/SJ
 Sample : H3203-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG7MSD

Quant Time: Jun 02 08:30:57 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	41877	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	210151	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	114744	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	221596	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	200883	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	186385	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	979	1.07	ng/uL	0.00
3) Phenol-d5	7.31	99	46640	12.61	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	25387	12.89	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	40986	13.50	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	38572	11.71	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	19371	13.14	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	20528	13.05	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	37300	13.42	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	43003	19.64	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	125501	14.18	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	169784	14.90	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	13707	8.81	ng/ul	0.00
21) Fluorene-d10	15.77	176	111640	14.02	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11521	10.48	ng/ul	0.00
26) Anthracene-d10	17.63	188	151434	14.83	ng/ul	0.00
30) Pyrene-d10	19.90	212	166054	15.67	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	129338	15.62	ng/ul	0.00

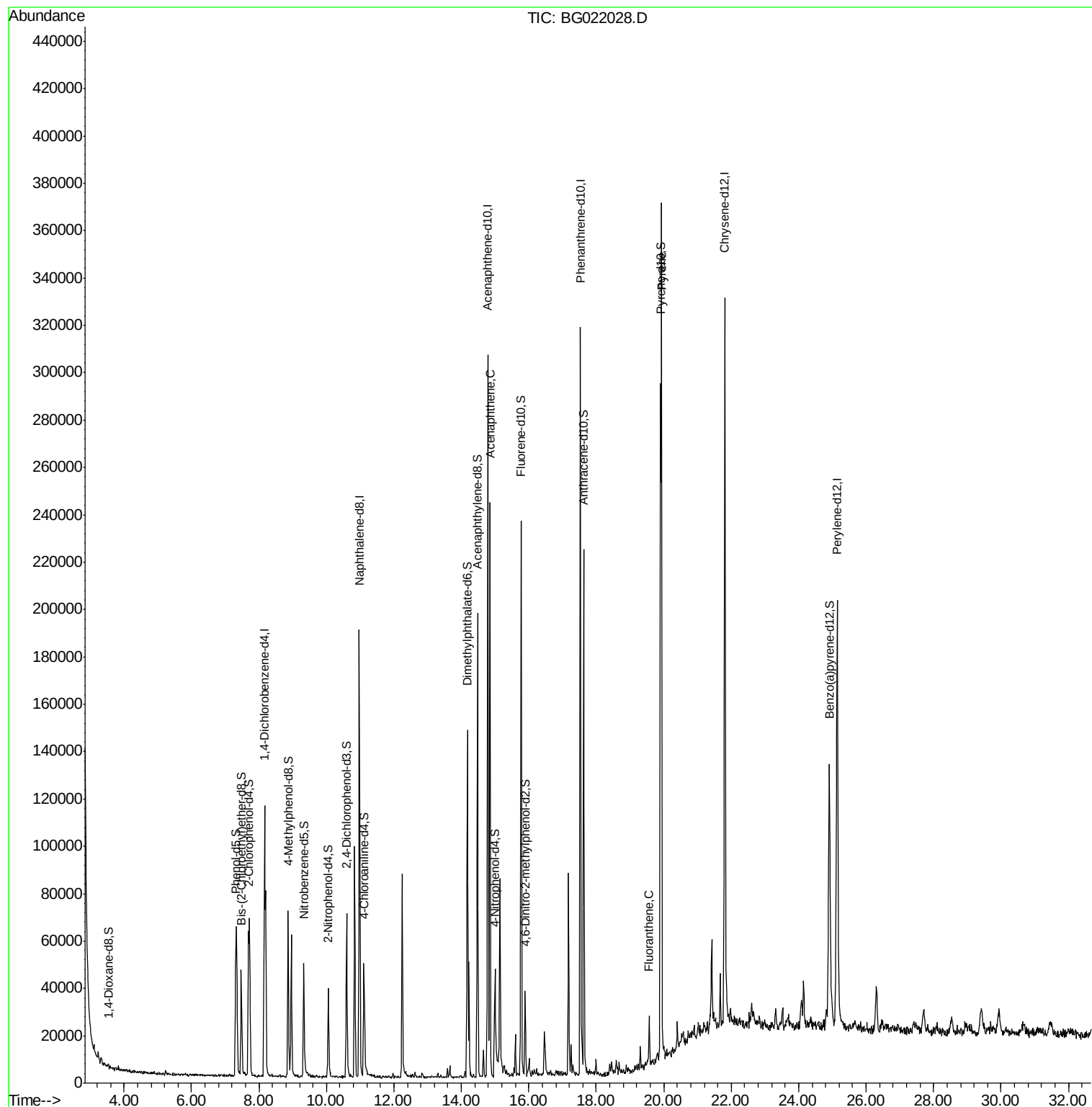
Target Compounds						Qvalue
19) Acenaphthene	14.85	153	118538	14.55	ng/ul	98
28) Fluoranthene	19.57	202	14463	1.17	ng/ul	99
31) Pyrene	19.93	202	218000	15.76	ng/ul#	92

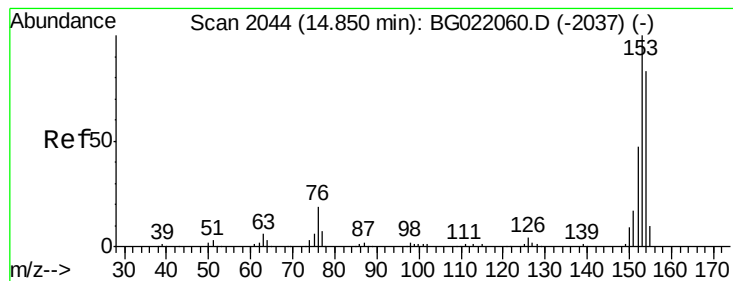
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Acenaphthene

Concen: 14.55 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. -0.00 min

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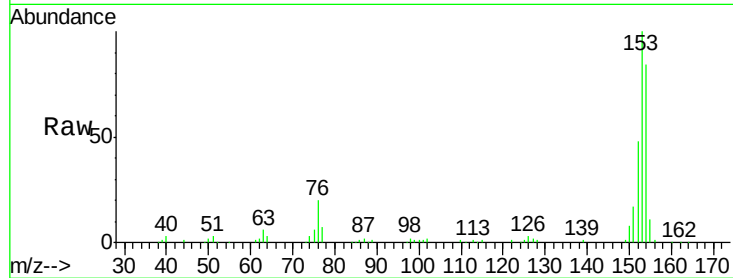
Tgt Ion:153 Resp: 118538

Ion Ratio Lower Upper

153 100

152 48.2 36.5 54.7

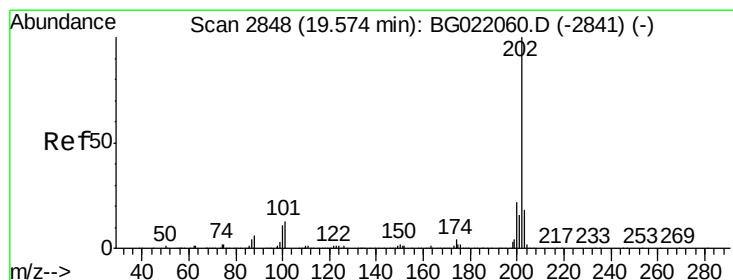
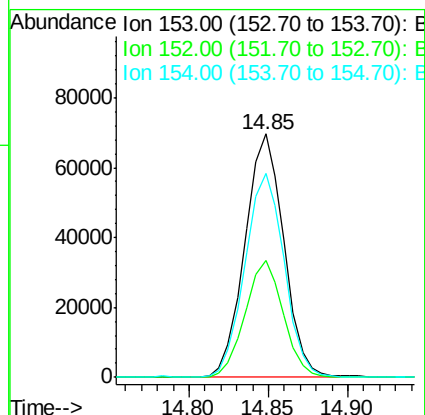
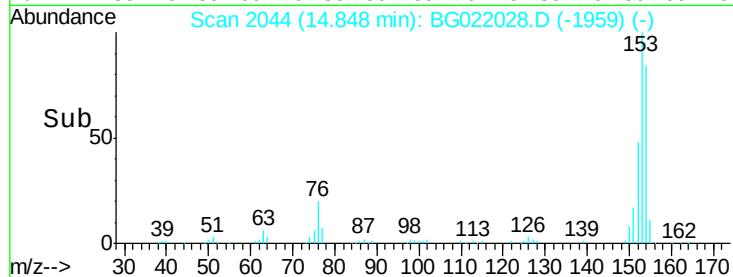
154 83.9 67.3 100.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#28

Fluoranthene

Concen: 1.17 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG022028.D

Acq: 23 May 2016 1:25

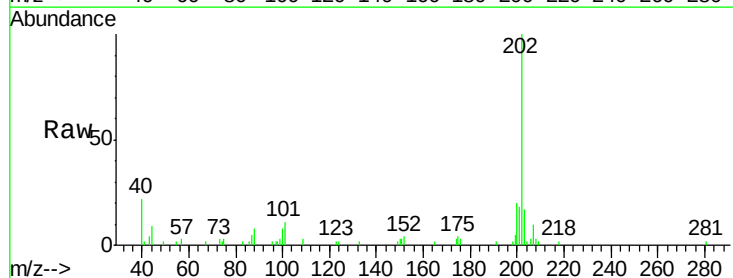
Tgt Ion:202 Resp: 14463

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

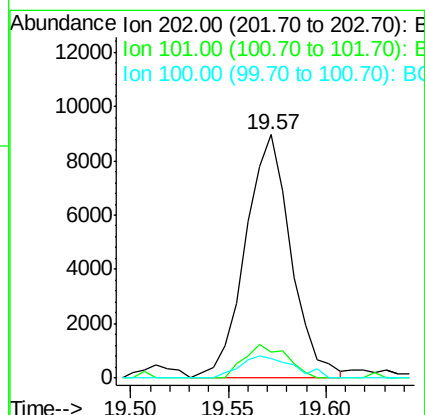
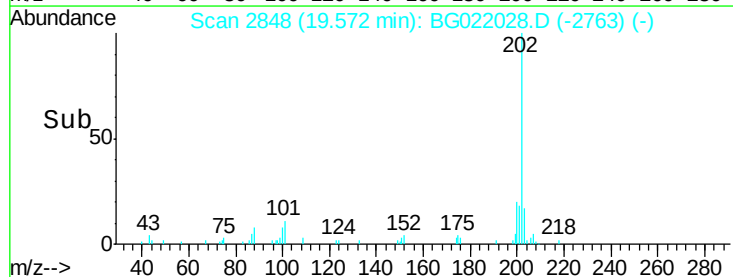
100 7.8 7.0 10.4

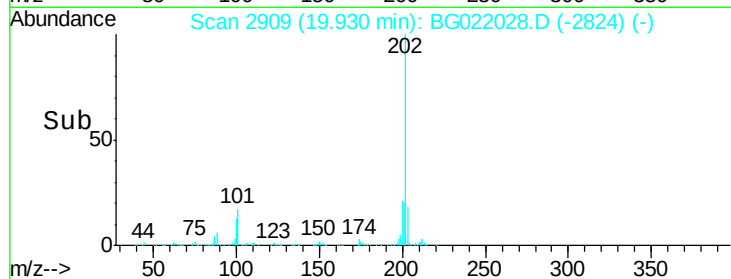
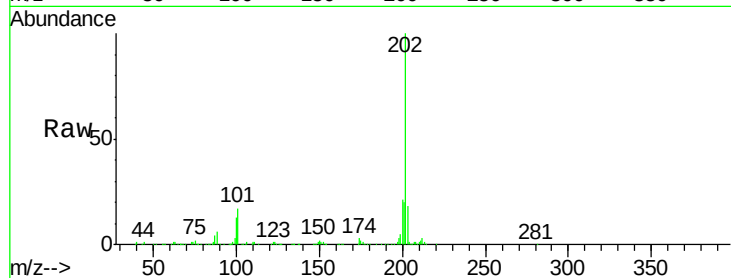
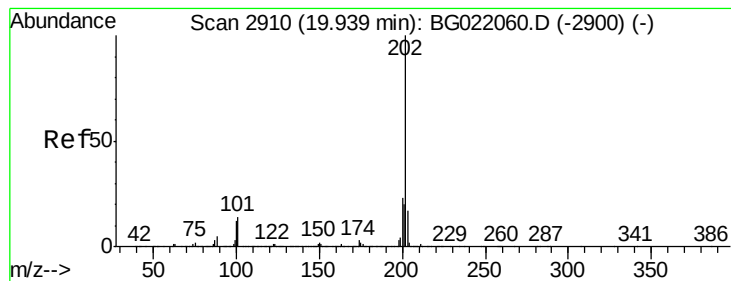


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 15.76 ng/ul

RT: 19.93 min Scan# 2909

Delta R.T. -0.00 min

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Tgt Ion:	202	Resp:	218000
Ion	Ratio	Lower	Upper
202	100		
101	16.9	9.8	14.8#
100	13.2	9.3	13.9

