

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029109.D
 Acq On : 9 Oct 2017 15:58
 Operator : SJ/JU
 Sample : I5579-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHB5

Manual Integrations
 APPROVED

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Quant Time: Oct 10 05:38:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49229	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	220167	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	151276	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	356604m	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	387935	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	402449	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	275401	17.50	ng/ul	0.00
10) Fluorene-d10	15.81	176	208317	18.26	ng/ul	0.00
14) Anthracene-d10	17.66	188	318355m	18.43	ng/ul	0.00
18) Pyrene-d10	19.93	212	380128	19.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	351452	18.23	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	24122m	1.268	ng/ul	
16) Fluoranthene	19.59	202	43261	1.940	ng/ul	95
19) Pyrene	19.96	202	38166	1.578	ng/ul#	93
23) Benzo(b)fluoranthene	24.12	252	26148	1.086	ng/ul#	95

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

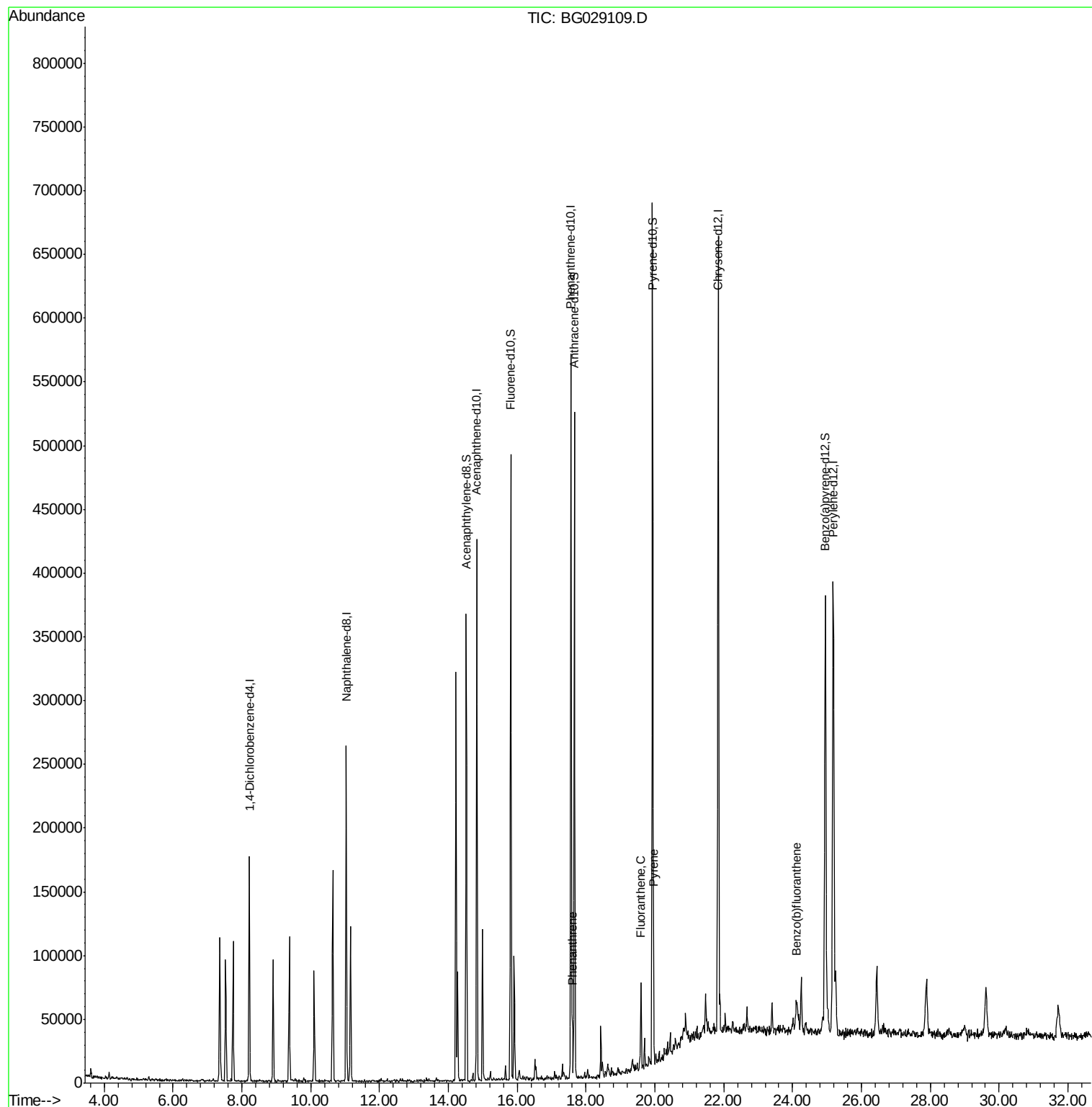
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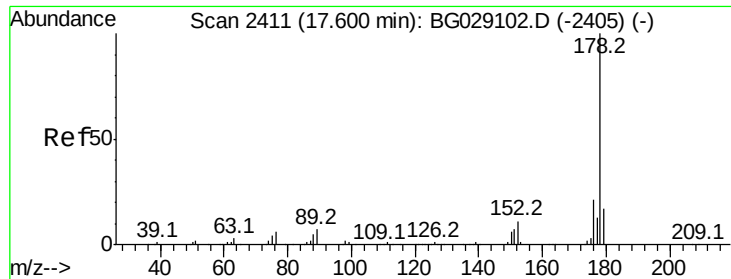
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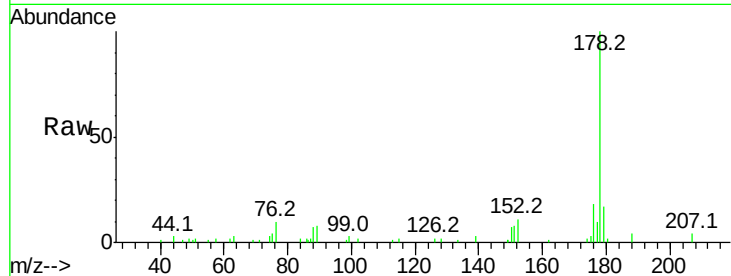
#13
Phenanthrene
Concen: 1.268 ng/ul m
RT: 17.60 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG029109.D
Acq: 9 Oct 2017 15:58

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ClientSampleId :
DAHB5

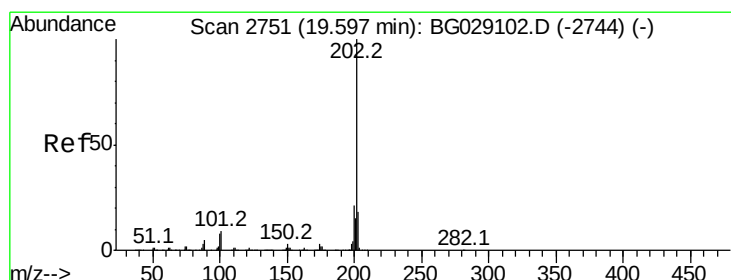
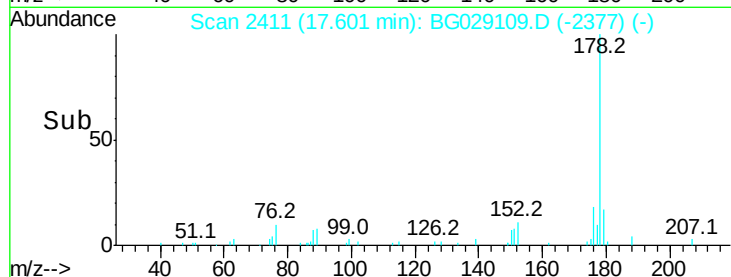
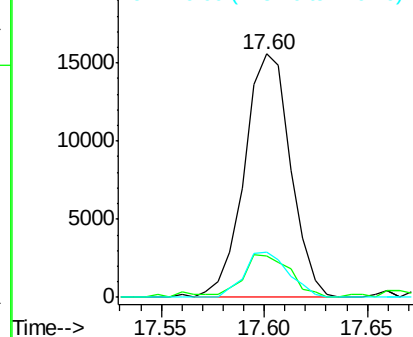
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	18.4	15.1	22.7

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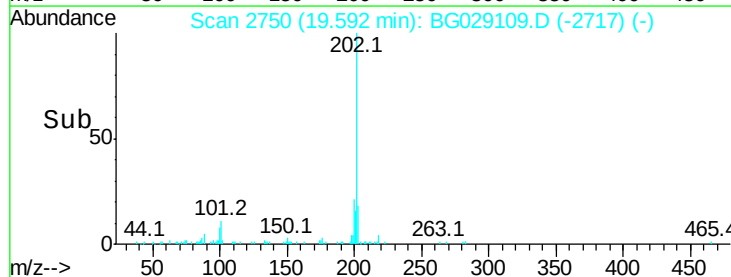
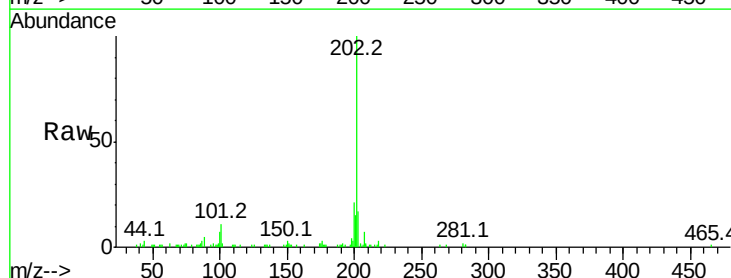
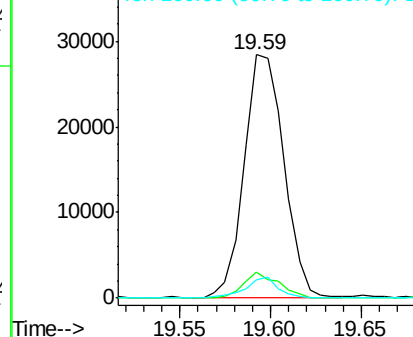
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

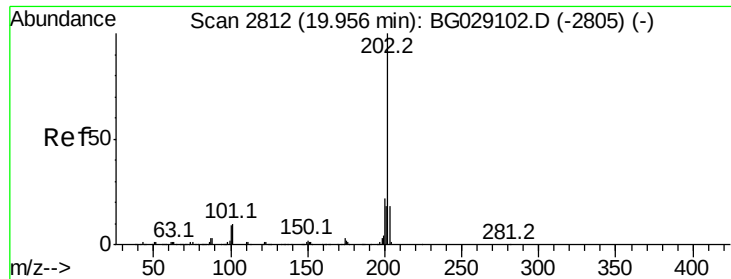


#16
Fluoranthene
Concen: 1.940 ng/ul
RT: 19.59 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029109.D
Acq: 9 Oct 2017 15:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.9	14.9
100	7.4	7.4	11.0

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





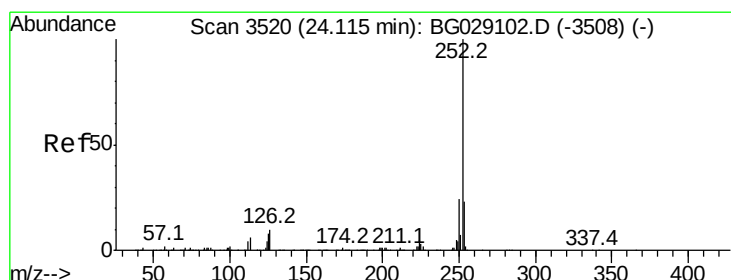
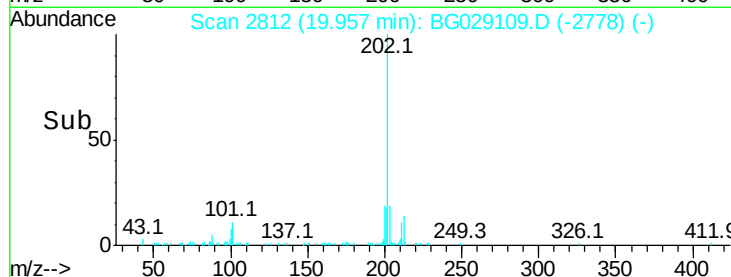
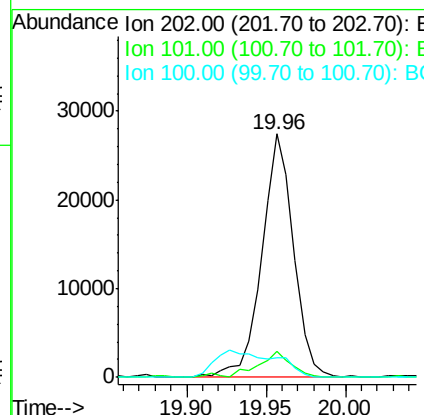
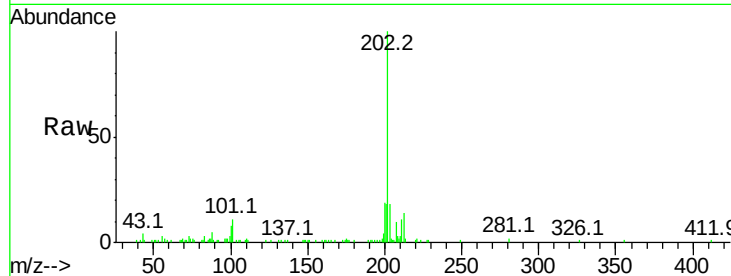
#19
Pvrene
Concen: 1.578 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029109.D
Acq: 9 Oct 2017 15:58

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	11.0	16.4#
100	8.0	8.1	12.1#

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#23
Benzo(b)fluoranthene
Concen: 1.086 ng/ul
RT: 24.12 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG029109.D
Acq: 9 Oct 2017 15:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	18.0	27.0
125	12.6	8.0	12.0#

