

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029460.D
 Acq On : 26 Oct 2017 2:37
 Operator : SJ/JU
 Sample : I5792-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0CZ7

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:32:10 PM

Quant Time: Oct 26 07:28:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 23:55:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69871	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	332764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	223902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	523873	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	547166	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	565893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9828	5.72	ng/uL	0.00
5) Phenol-d5	7.31	99	208694	31.12	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	121187	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	162401	34.33	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	153053	28.26	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	83653	35.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	99760	40.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	184308	33.04	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	182446	28.15	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	601181	31.41	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	759287	32.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	38424	10.87	ng/ul	-0.01
57) Fluorene-d10	15.77	176	556619	35.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	20384	7.97	ng/ul	-0.01
70) Anthracene-d10	17.62	188	804647	32.48	ng/ul	-0.01
76) Pyrene-d10	19.90	212	929287	32.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	903999	33.73	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.34	94	25448	3.667	ng/ul#	88
69) Phenanthrene	17.57	178	343371	12.125	ng/ul	98
74) Fluoranthene	19.56	202	677722	21.413	ng/ul	99
77) Pyrene	19.93	202	848447	23.136	ng/ul	98
80) Benzo(a)anthracene	21.78	228	431803	12.592	ng/ul	95
82) Chrysene	21.84	228	574654	18.444	ng/ul	96
85) Benzo(b)fluoranthene	24.06	252	546945	16.100	ng/ul	98
86) Benzo(k)fluoranthene	24.12	252	166352m	5.065	ng/ul	
88) Benzo(a)pyrene	24.96	252	403172	12.192	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	270451	7.229	ng/ul	100
90) Dibenzo(a,h)anthracene	28.94	278	81385	2.619	ng/ul#	84
91) Benzo(g,h,i)perylene	30.08	276	275938	8.898	ng/ul#	95

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

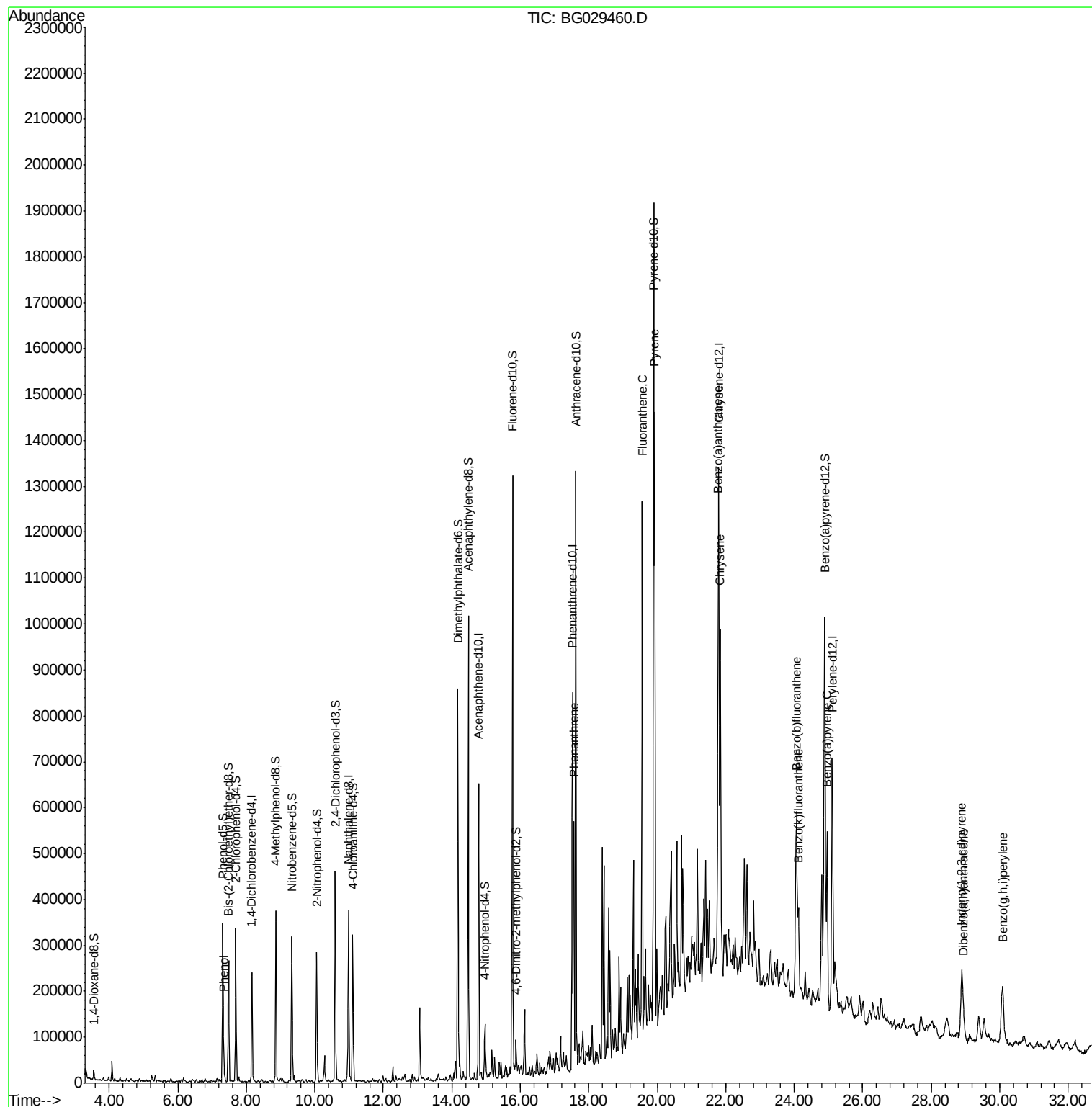
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029460.D
Acq On : 26 Oct 2017 2:37
Operator : SJ/JU
Sample : I5792-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

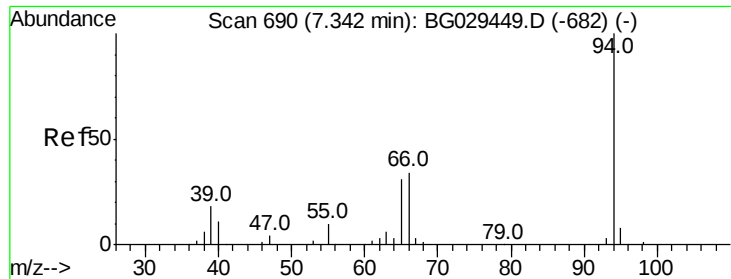
Instrument :
BNA_G
ClientSampled :
B0CZ7

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Quant Time: Oct 26 07:28:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 23:55:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.667 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Instrument :

BNA_G

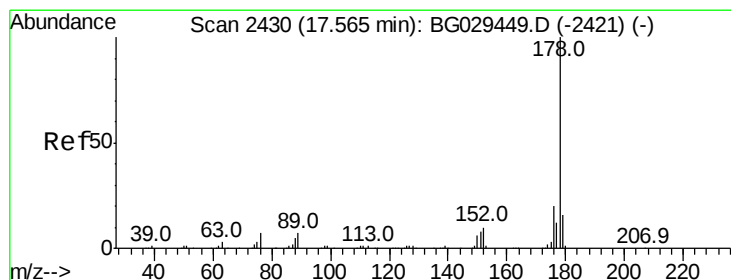
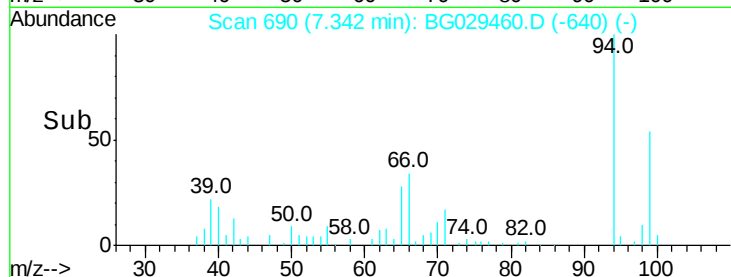
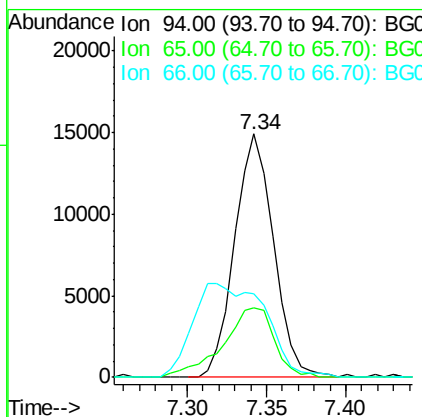
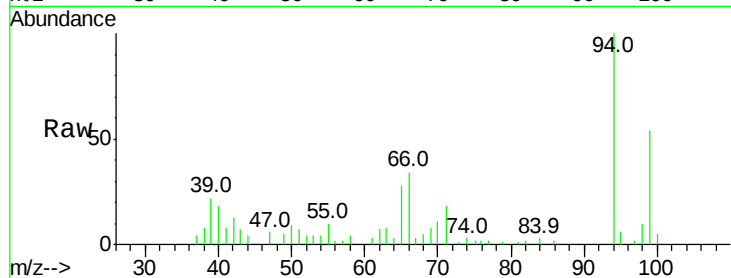
ClientSampled :

B0CZ7

Tot Ion:	94	Resp:	25448
Ion Ratio	Lower	Upper	
94	100		
65	28.4	27.1	40.7
66	34.4	34.6	52.0#

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#69

Phenanthrene

Concen: 12.125 ng/ul

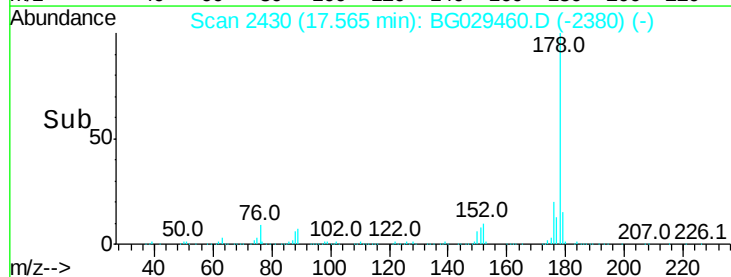
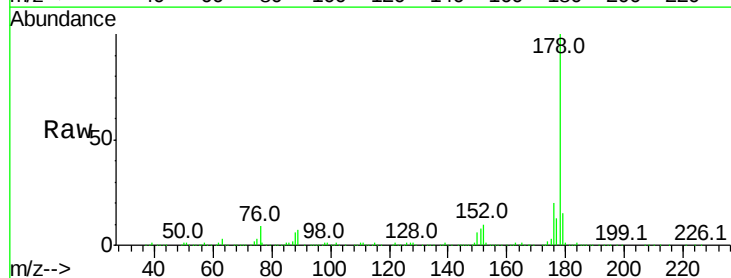
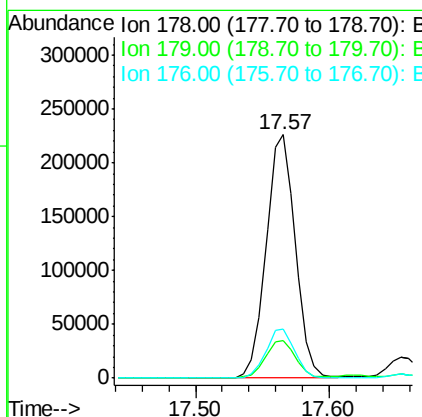
RT: 17.57 min Scan# 2430

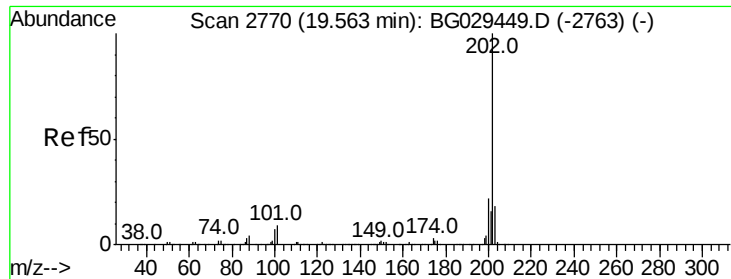
Delta R.T. -0.01 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Tgt Ion:	178	Resp:	343371
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.0	19.6
176	20.3	15.3	22.9





#74

Fluoranthene

Concen: 21.413 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Instrument :

BNA_G

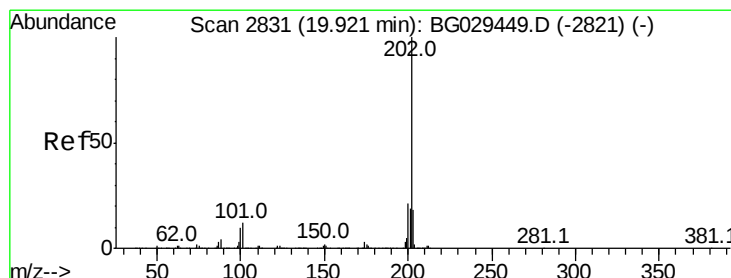
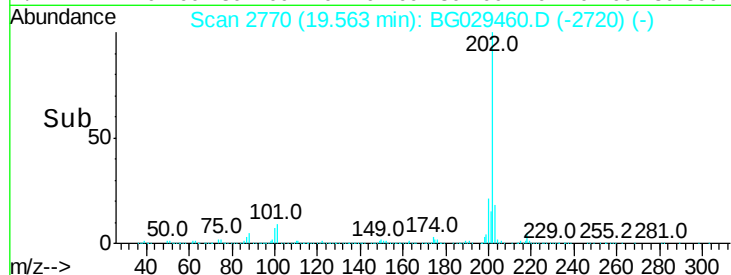
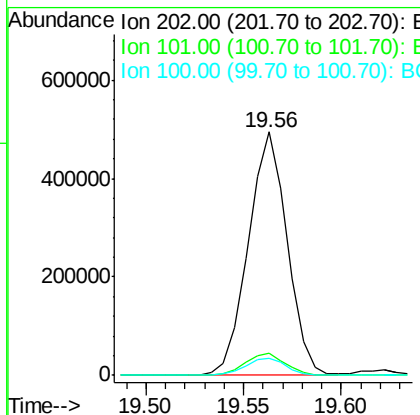
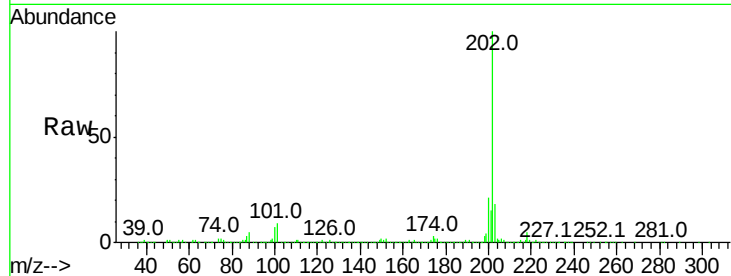
ClientSampleId :

B0CZ7

Tot Ion:	202	Resp:	677722
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.4	11.2
100	7.0	5.6	8.4

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#77

Pyrene

Concen: 23.136 ng/ul

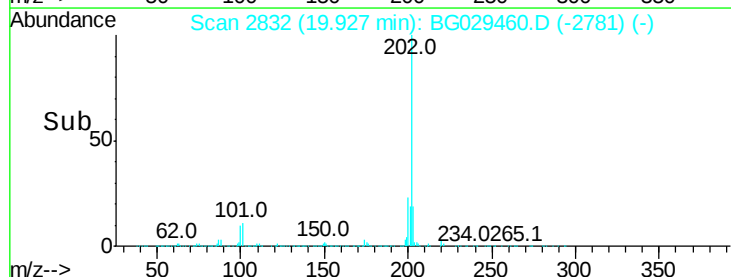
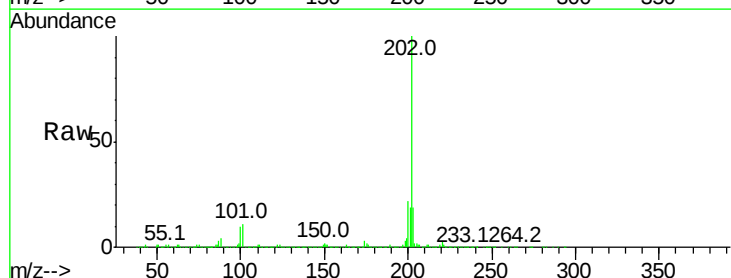
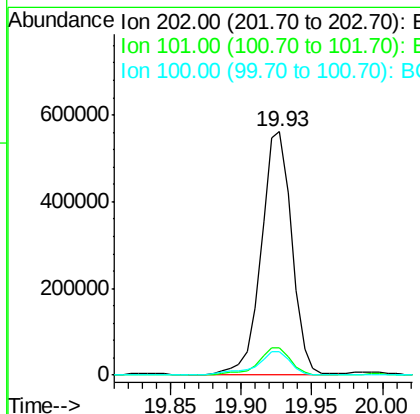
RT: 19.93 min Scan# 2832

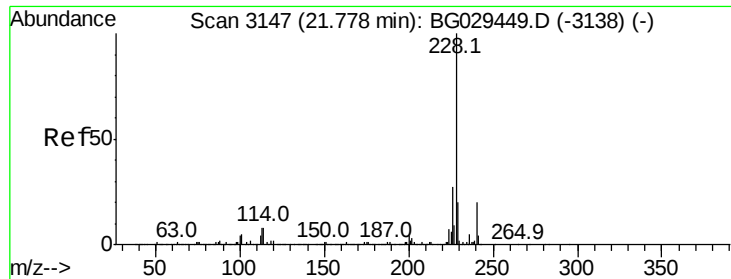
Delta R.T. -0.00 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Tgt Ion:	202	Resp:	848447
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.4	12.6
100	9.5	7.0	10.6





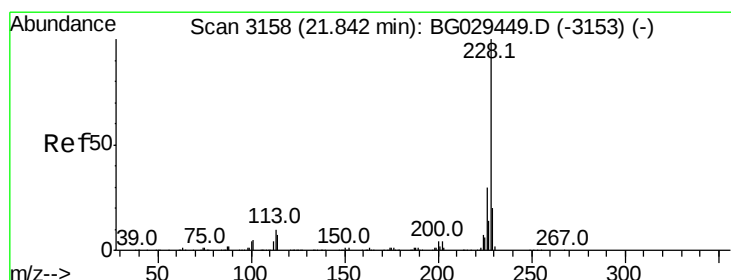
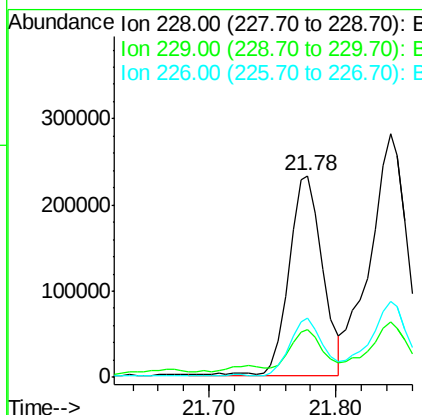
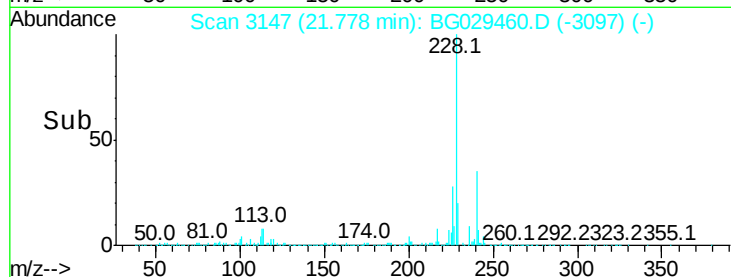
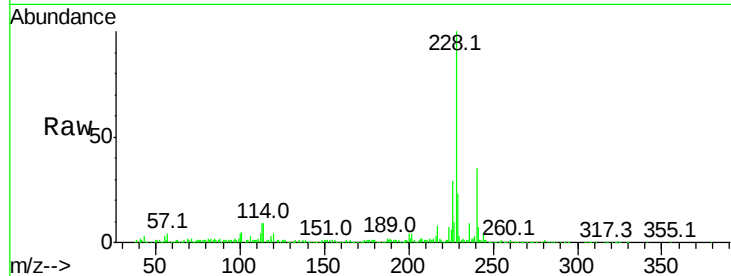
#80
Benzo(a)anthracene
Concen: 12.592 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG029460.D
Acq: 26 Oct 2017 2:37

Instrument :
BNA_G
ClientSampleId :
B0CZ7

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.2	24.4
226	29.1	22.2	33.2

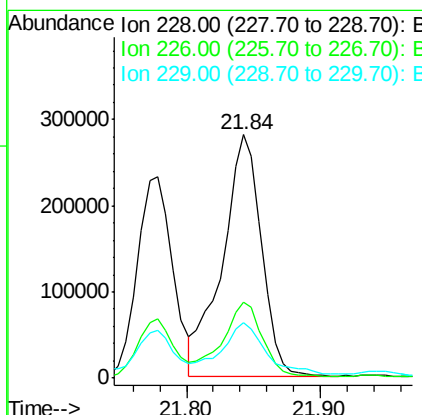
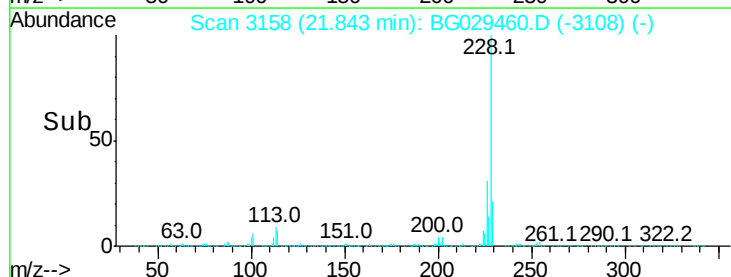
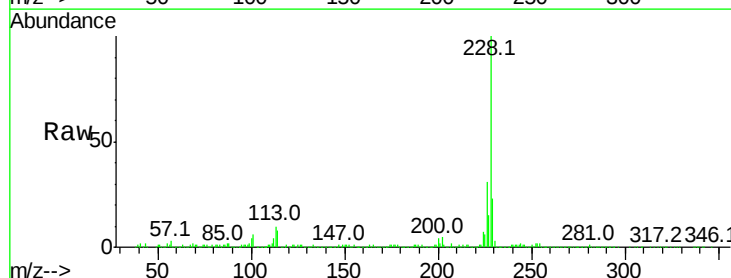
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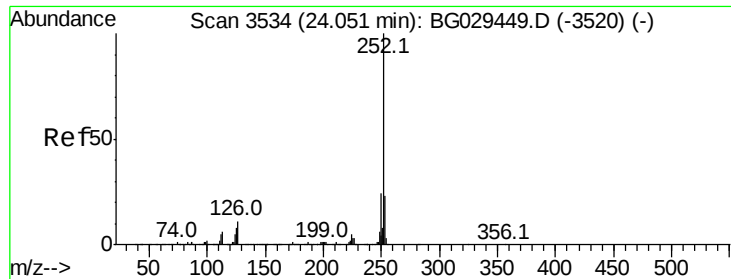
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#82
Chrysene
Concen: 18.444 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG029460.D
Acq: 26 Oct 2017 2:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	22.6	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 16.100 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Instrument :

BNA_G

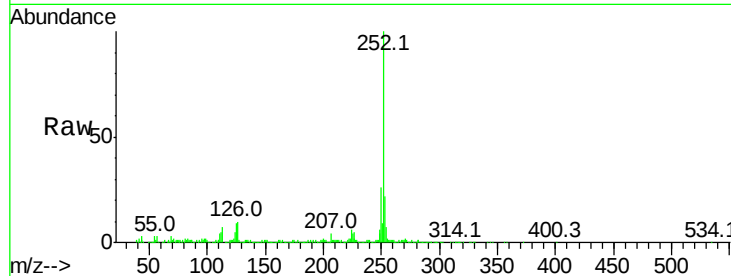
ClientSampleId :

B0CZ7

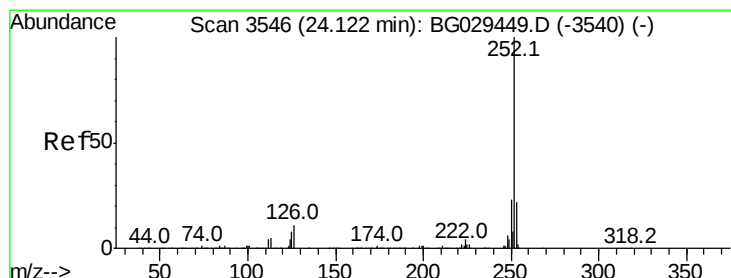
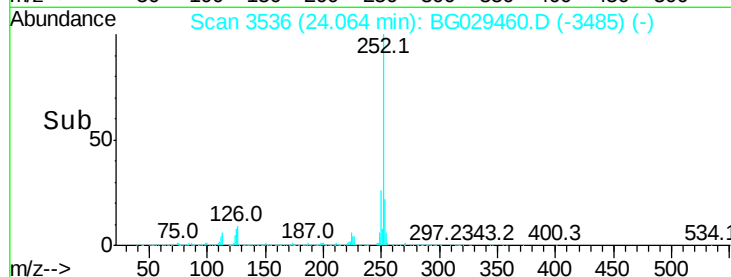
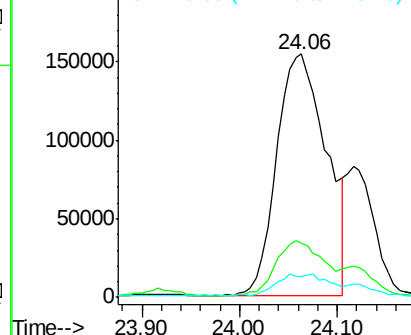
Tot Ion:	252	Resp:	546945
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.4
125	8.7	7.5	11.3

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 5.065 ng/ul m

RT: 24.12 min Scan# 3545

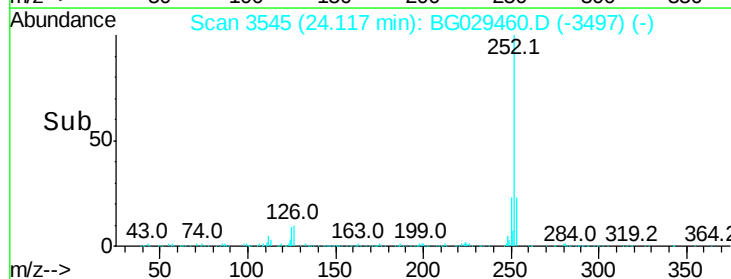
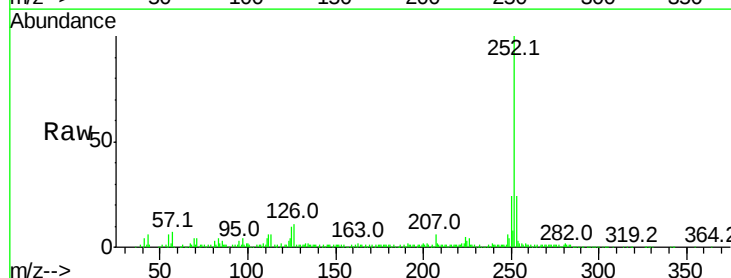
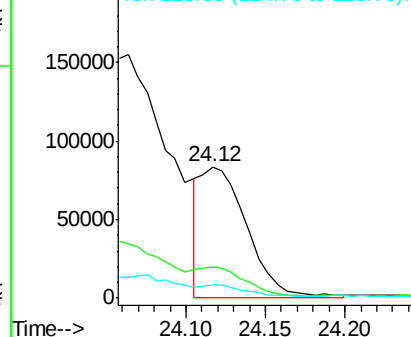
Delta R.T. -0.02 min

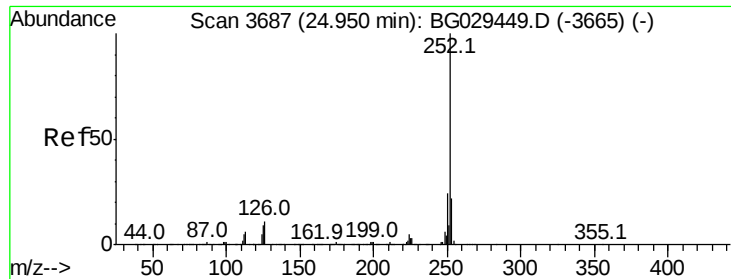
Lab File: BG029460.D

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Tgt Ion:	252	Resp:	166352
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.2	25.8
125	10.1	7.8	11.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 12.192 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Instrument :

BNA_G

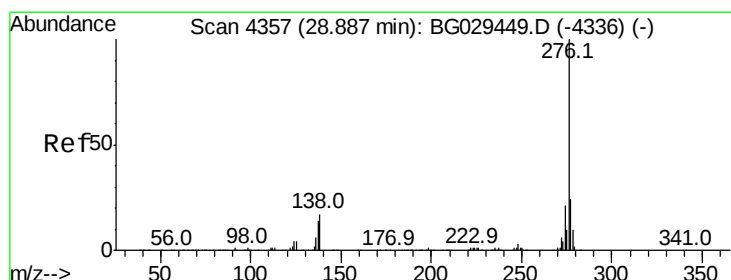
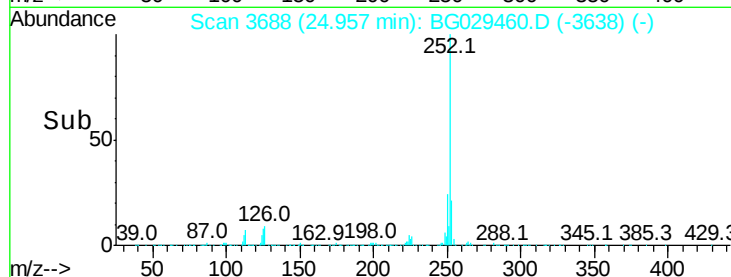
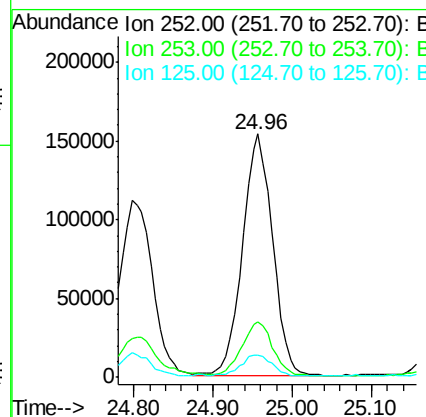
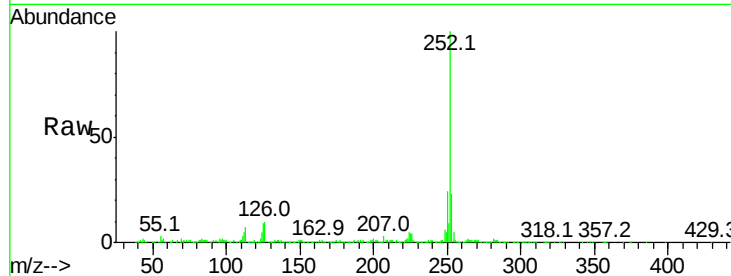
ClientSampled :

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Tot Ion:	252	Resp:	403172
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	9.2	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.229 ng/ul

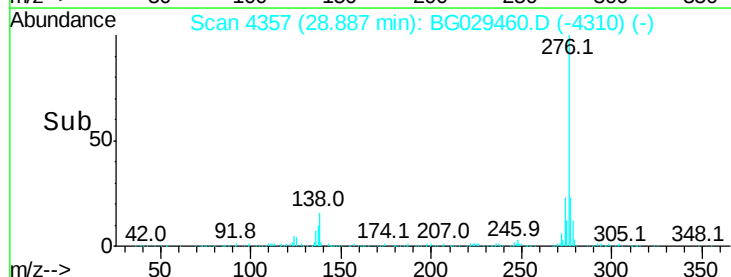
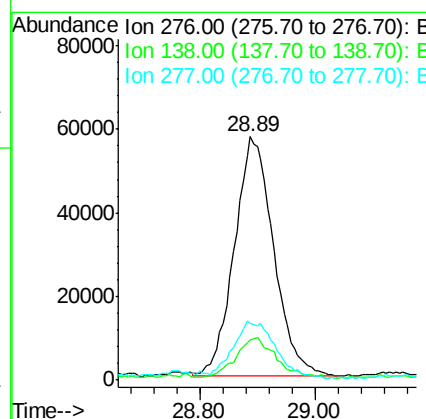
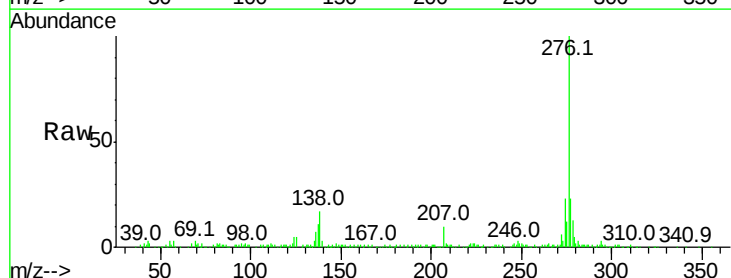
RT: 28.89 min Scan# 4357

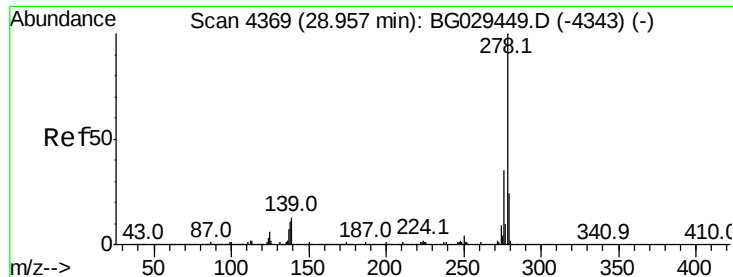
Delta R.T. -0.02 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Tgt Ion:	276	Resp:	270451
Ion Ratio	Lower	Upper	
276	100		
138	16.7	13.4	20.0
277	23.5	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 2.619 ng/ul

RT: 28.94 min Scan# 4366

Delta R.T. -0.04 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Instrument :

BNA_G

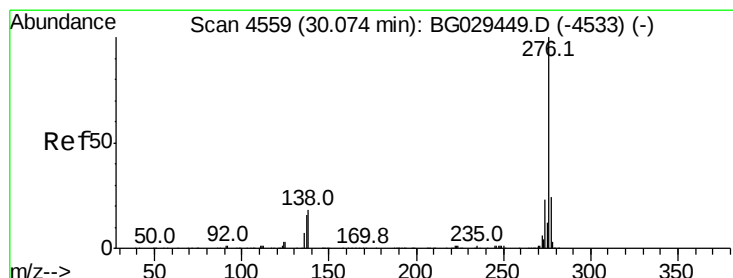
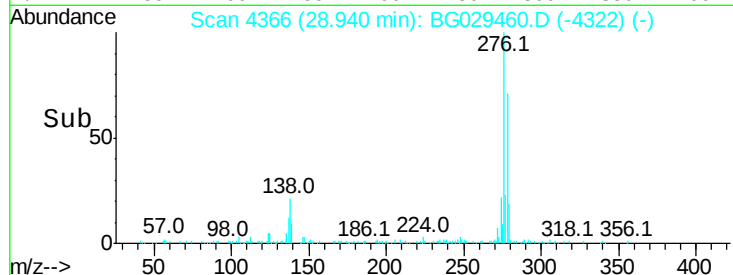
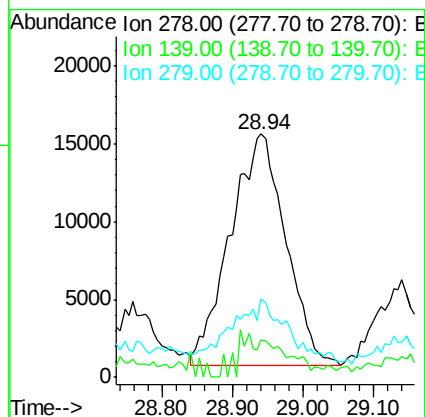
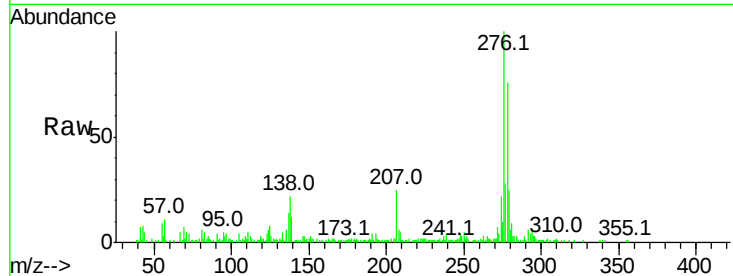
ClientSampled :

B0CZ7

Tot Ion:	278	Resp:	81385
Ion Ratio	Lower	Upper	
278	100		
139	15.2	9.4	14.2#
279	32.2	18.4	27.6#

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#91

Benzo(g,h,i)perylene

Concen: 8.898 ng/ul

RT: 30.08 min Scan# 4560

Delta R.T. -0.02 min

Lab File: BG029460.D

Acq: 26 Oct 2017 2:37

Tgt Ion:	276	Resp:	275938
Ion Ratio	Lower	Upper	
276	100		
138	18.1	12.1	18.1#
277	23.8	17.7	26.5

