

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029467.D
 Acq On : 26 Oct 2017 7:40
 Operator : SJ/JU
 Sample : I5792-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D13

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:32:28 PM

Quant Time: Oct 26 16:59:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 15:59:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	93711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	438762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	278169	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	628021	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	660547	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	669457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	18746	8.13	ng/uL	0.00
5) Phenol-d5	7.32	99	396121	44.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	231853	41.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	313639	49.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	308502	42.47	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	166245	52.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	197432	61.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	355326	48.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	346537	40.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1077670	45.32	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1356332	46.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	160837	36.63	ng/ul	0.00
57) Fluorene-d10	15.78	176	972798	49.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	170003	55.46	ng/ul	0.00
70) Anthracene-d10	17.62	188	1384533m	46.61	ng/ul	0.00
76) Pyrene-d10	19.90	212	1558977	45.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	1590790	50.17	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.34	94	53413	5.739	ng/ul 94
44) Dimethylphthalate	14.23	163	51833	2.235	ng/ul 96
69) Phenanthrene	17.57	178	148252	4.367	ng/ul 98
74) Fluoranthene	19.56	202	279294	7.361	ng/ul 99
77) Pyrene	19.92	202	325700	7.357	ng/ul 98
80) Benzo(a)anthracene	21.77	228	158613	3.832	ng/ul 96
82) Chrysene	21.84	228	188308	5.006	ng/ul 97
85) Benzo(b)fluoranthene	24.05	252	214029	5.325	ng/ul 98
86) Benzo(k)fluoranthene	24.11	252	71135m	1.831	ng/ul
88) Benzo(a)pyrene	24.96	252	163731	4.185	ng/ul 98
89) Indeno(1,2,3-cd)pyrene	28.90	276	113363	2.561	ng/ul 97
91) Benzo(g,h,i)perylene	30.09	276	101003	2.753	ng/ul 97

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

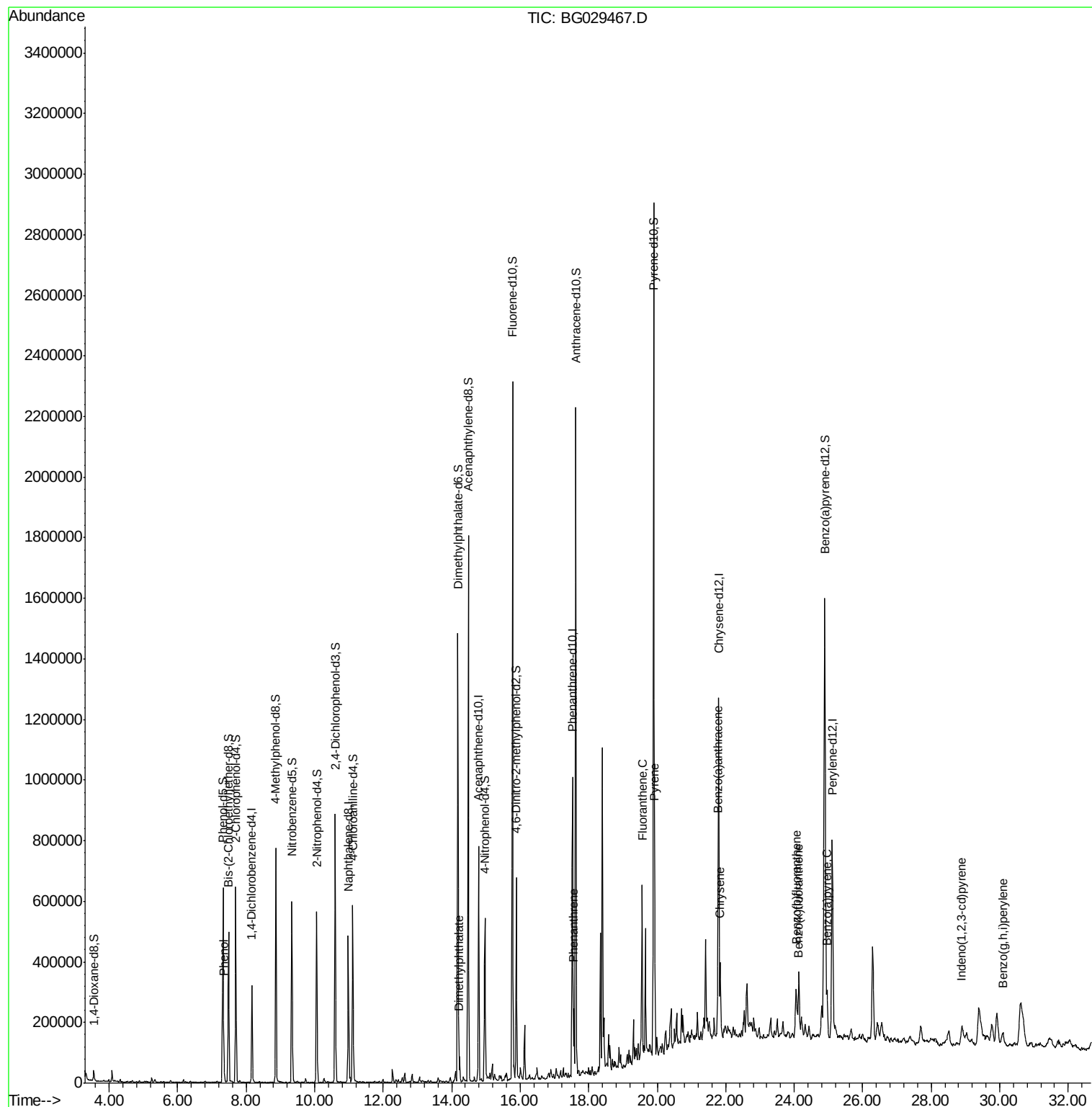
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029467.D
Acq On : 26 Oct 2017 7:40
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ALS Vial : 11 Sample Multiplier: 1

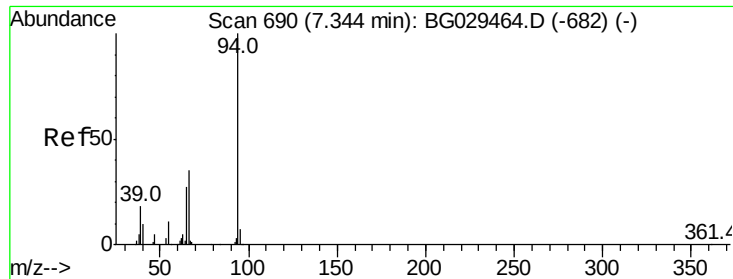
Instrument :
BNA_G
ClientSampleId :
B0D13

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Quant Time: Oct 26 16:59:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 15:59:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.739 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

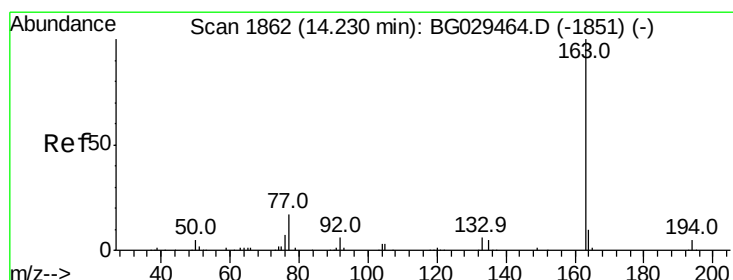
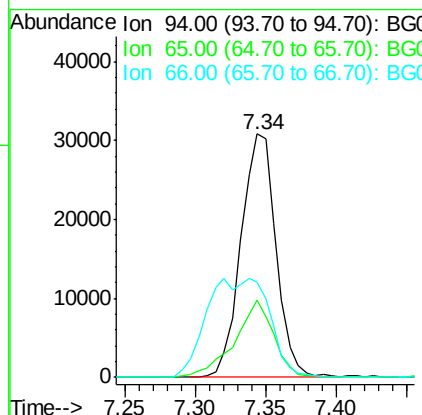
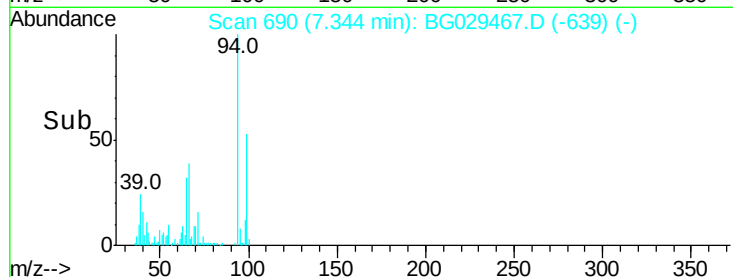
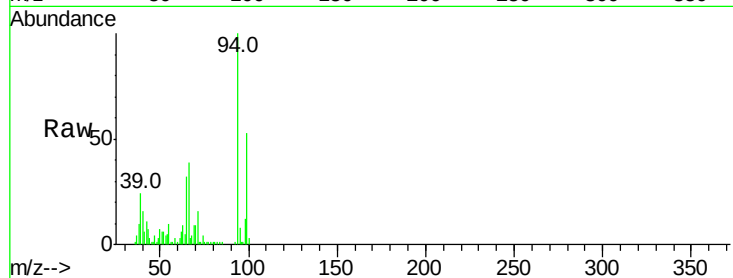
ClientSampleId :

B0D13

Tot Ion:	94	Resp:	53413
Ion Ratio	Lower	Upper	
94	100		
65	31.5	27.1	40.7
66	39.0	34.6	52.0

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#44

Dimethylphthalate

Concen: 2.235 ng/ul

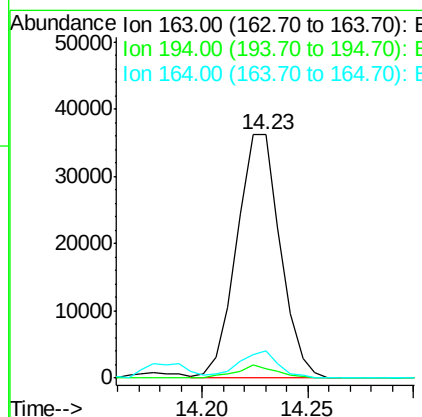
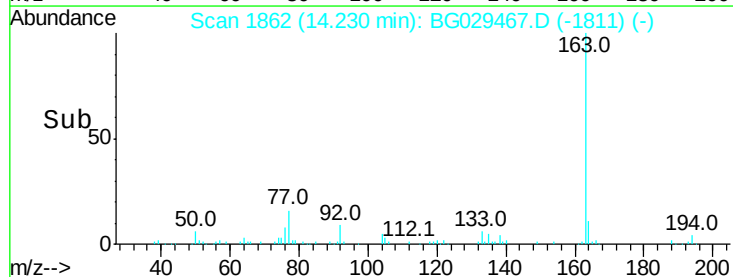
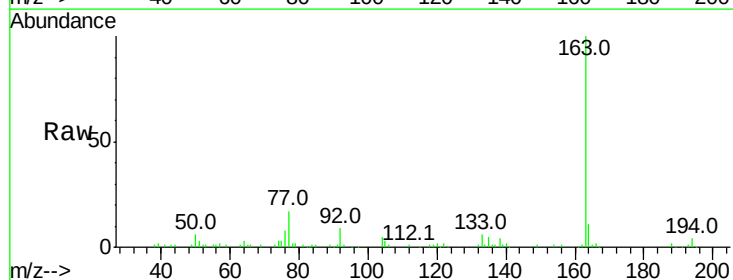
RT: 14.23 min Scan# 1862

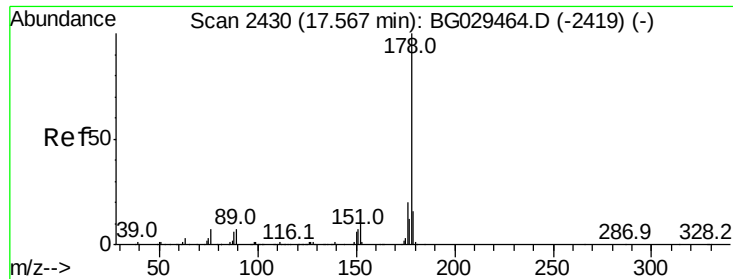
Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Tgt Ion:	163	Resp:	51833
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	11.2	7.6	11.4





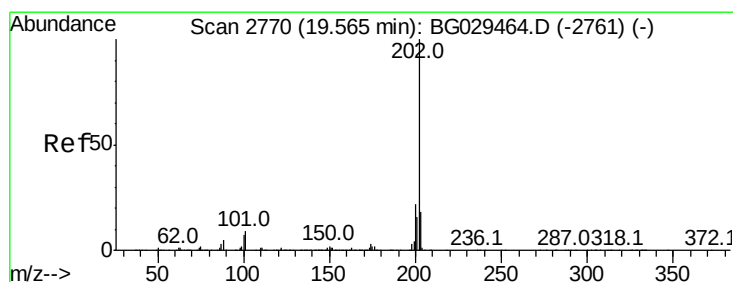
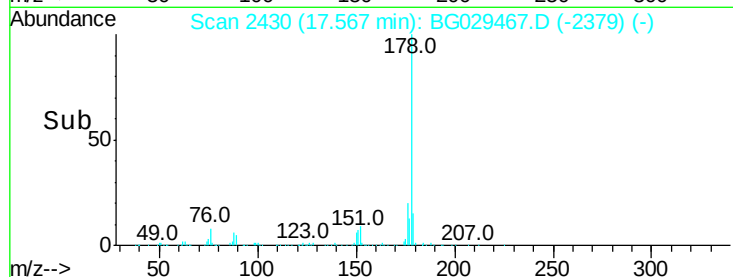
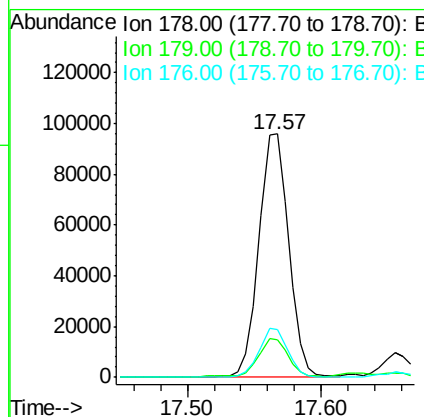
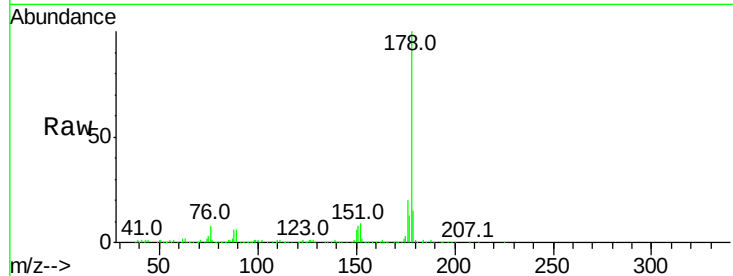
#69
Phenanthrene
Concen: 4.367 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG029467.D
Acq: 26 Oct 2017 7:40

Instrument :
BNA_G
ClientSampleId :
B0D13

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	19.9	15.3	22.9

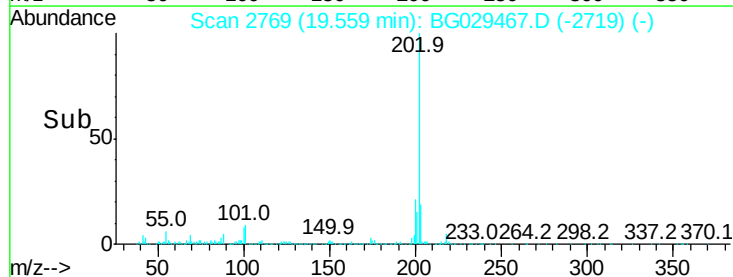
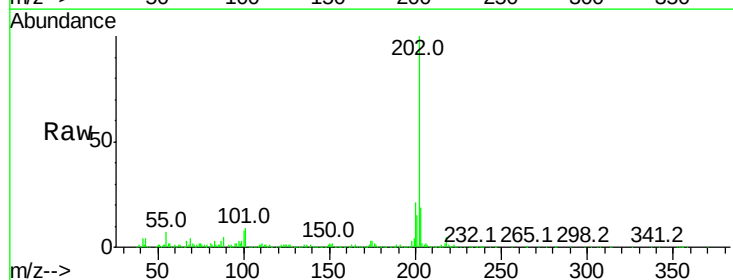
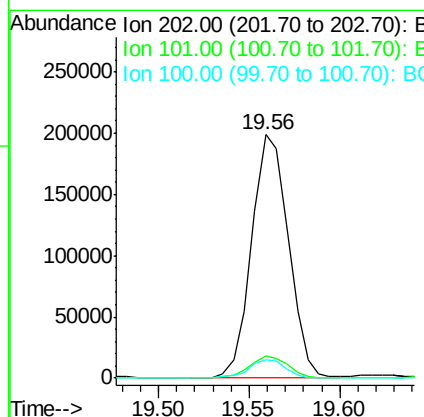
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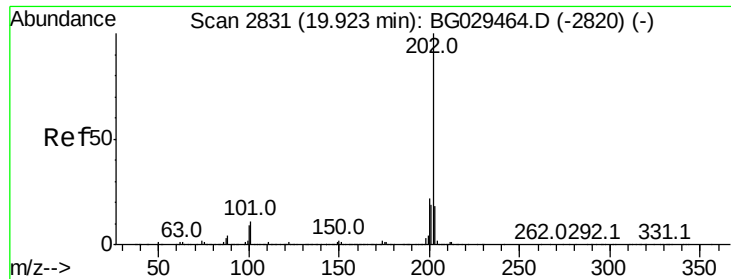
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#74
Fluoranthene
Concen: 7.361 ng/ul
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029467.D
Acq: 26 Oct 2017 7:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.4	11.2
100	7.8	5.6	8.4





#77

Pvrene

Concen: 7.357 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

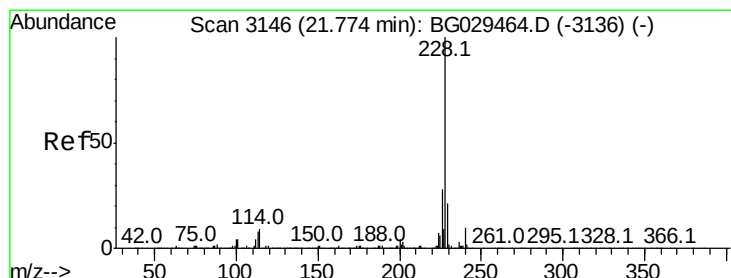
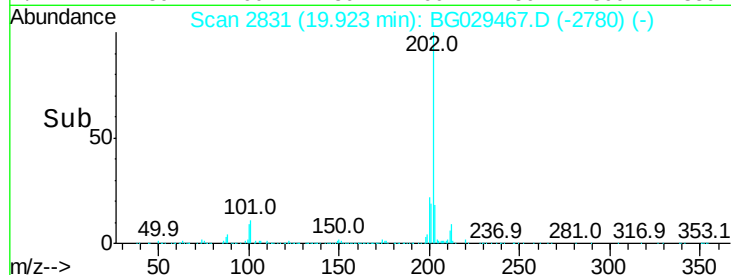
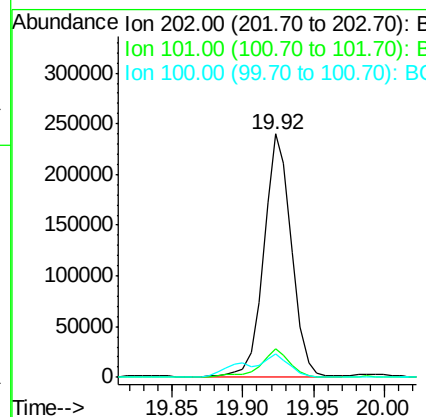
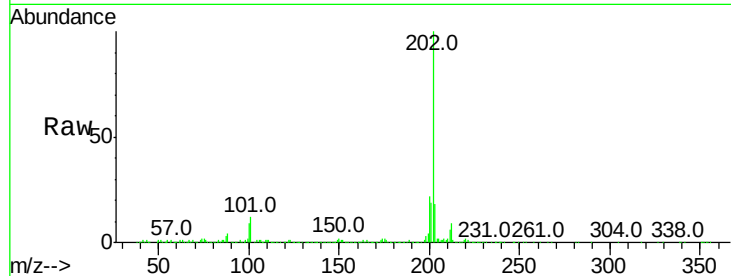
ClientSampleId :

B0D13

Tot Ion:	202	Resp:	325700
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.4	12.6
100	9.5	7.0	10.6

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#80

Benzo(a)anthracene

Concen: 3.832 ng/ul

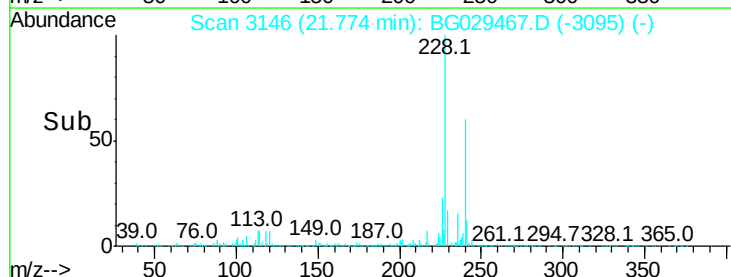
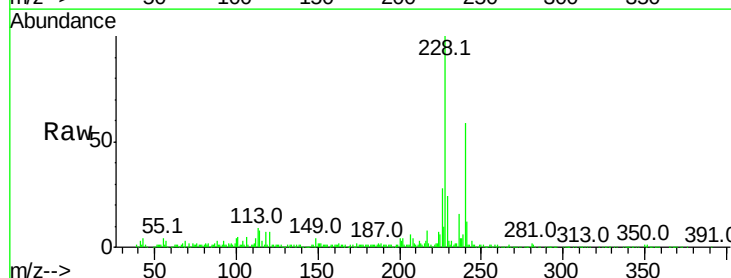
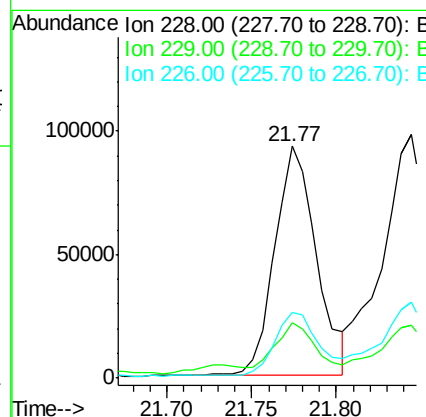
RT: 21.77 min Scan# 3146

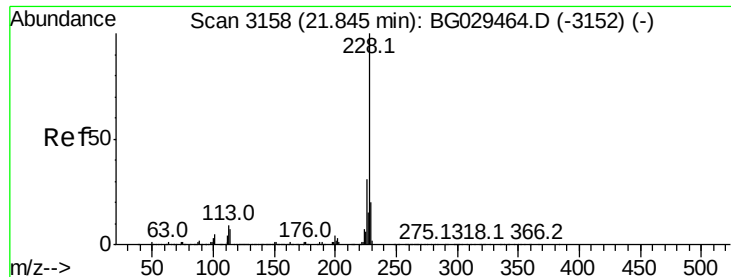
Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Tgt Ion:	228	Resp:	158613
Ion Ratio	Lower	Upper	
228	100		
229	23.8	16.2	24.4
226	28.2	22.2	33.2





#82

Chrysene

Concen: 5.006 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

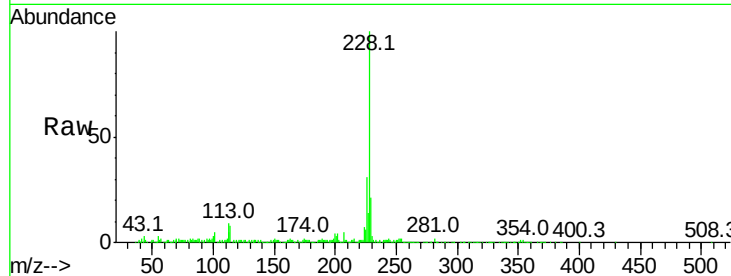
ClientSampleId :

B0D13

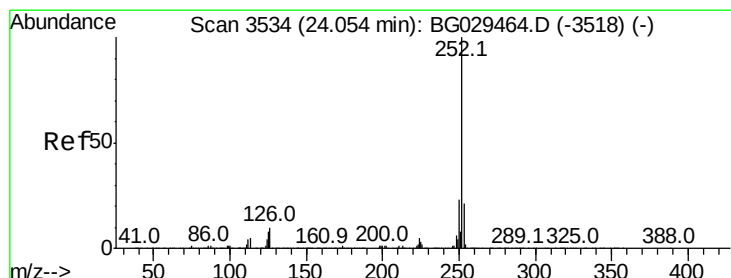
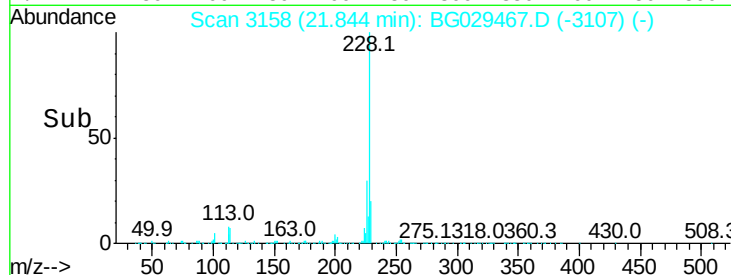
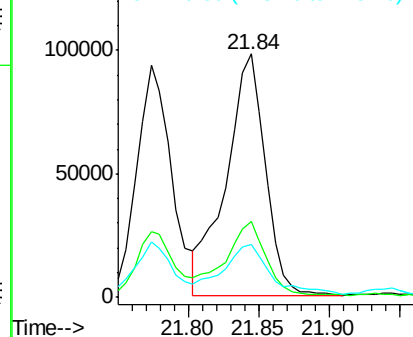
Tot Ion:	228	Resp:	188308
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.2	36.2
229	21.5	15.2	22.8

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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



#85

Benzo(b)fluoranthene

Concen: 5.325 ng/ul

RT: 24.05 min Scan# 3534

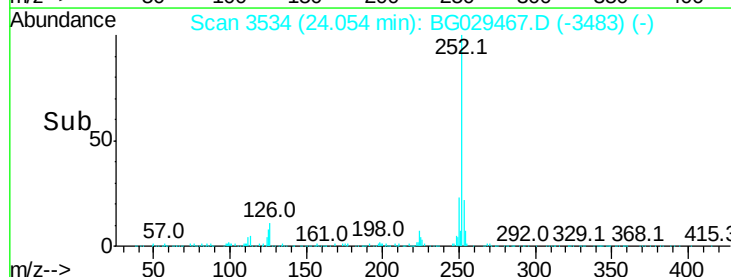
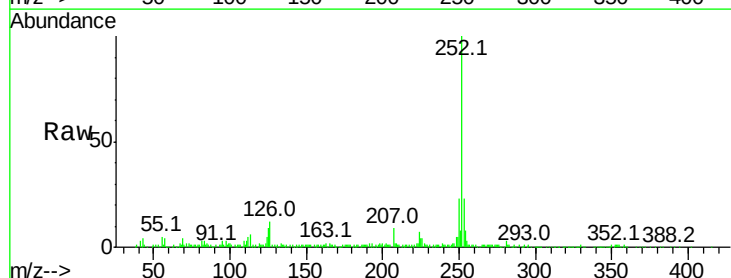
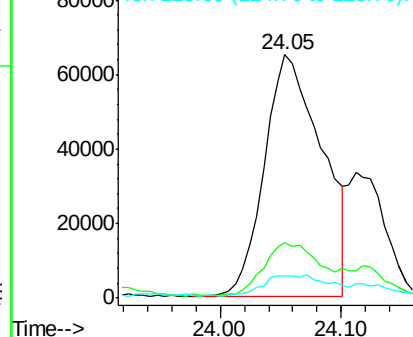
Delta R.T. -0.00 min

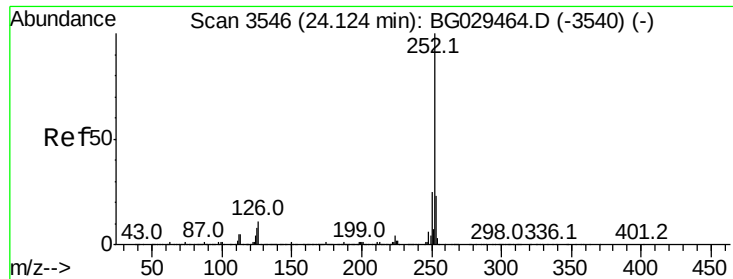
Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Tgt Ion:	252	Resp:	214029
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	9.0	7.5	11.3

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: 1.831 ng/ul m

RT: 24.11 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Instrument :

BNA_G

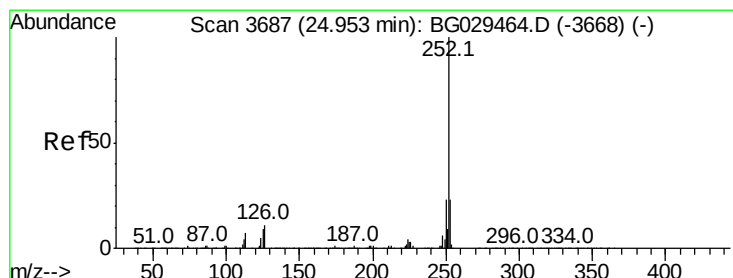
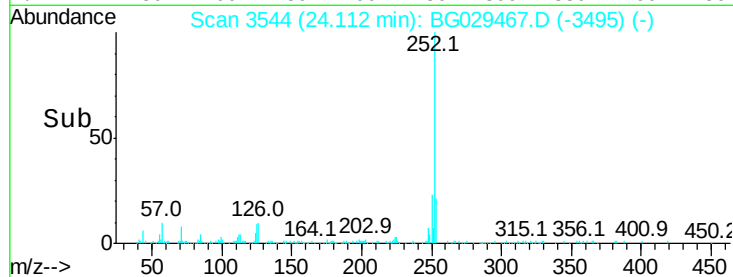
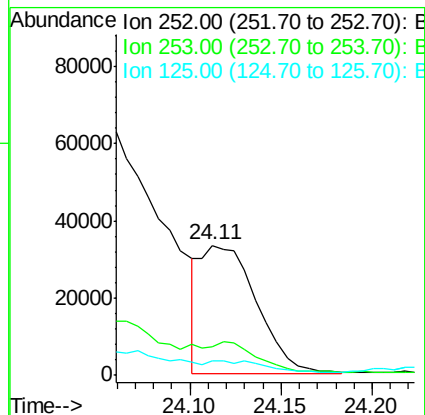
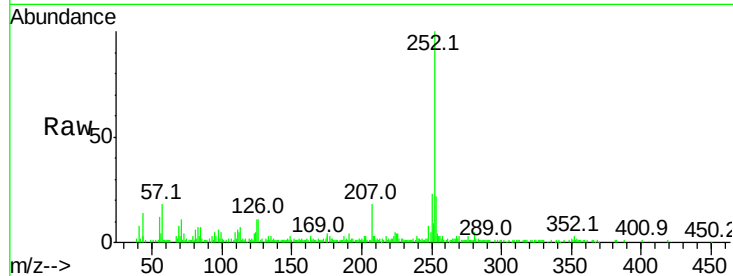
ClientSampleId :

B0D13

Tot Ion:	252	Resp:	71135
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	11.4	7.8	11.8

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#88

Benzo(a)pyrene

Concen: 4.185 ng/ul

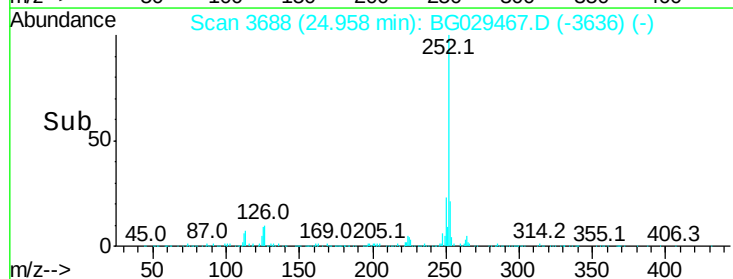
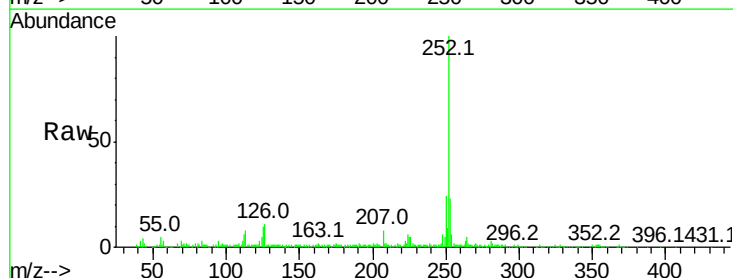
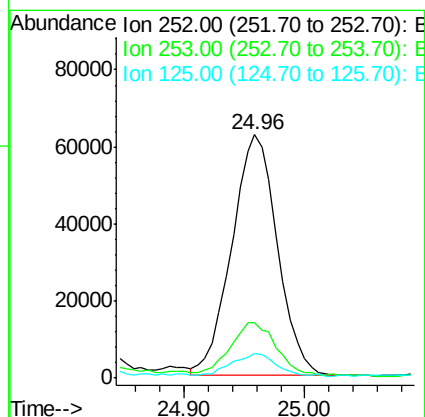
RT: 24.96 min Scan# 3688

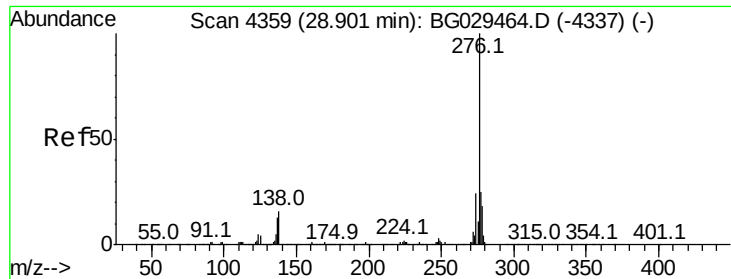
Delta R.T. 0.01 min

Lab File: BG029467.D

Acq: 26 Oct 2017 7:40

Tgt Ion:	252	Resp:	163731
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	9.9	7.8	11.8





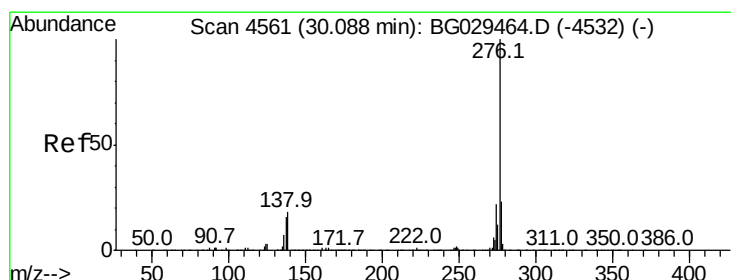
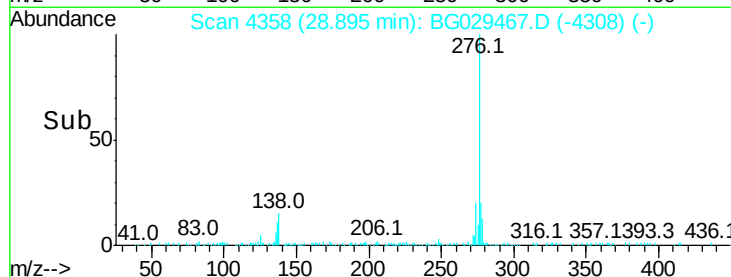
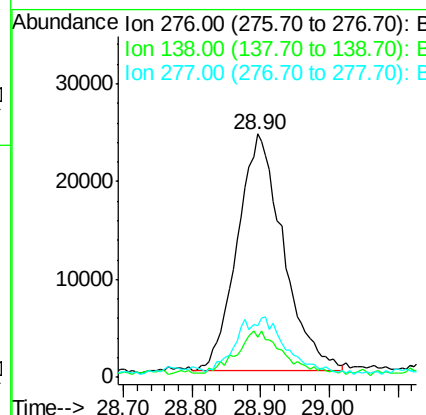
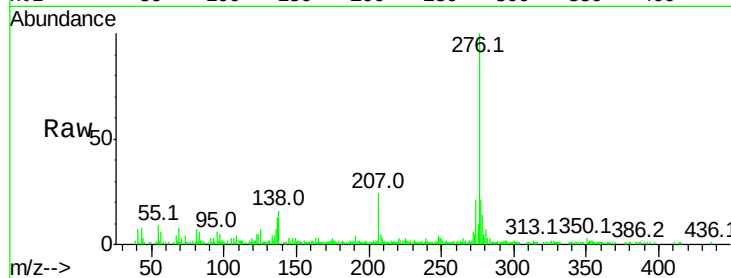
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.561 ng/ul
 RT: 28.90 min Scan# 4358
 Delta R.T. -0.01 min
 Lab File: BG029467.D
 Acq: 26 Oct 2017 7:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.4	20.0
277	21.3	18.6	28.0

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#91
 Benzo(g,h,i)perylene
 Concen: 2.753 ng/ul
 RT: 30.09 min Scan# 4562
 Delta R.T. 0.01 min
 Lab File: BG029467.D
 Acq: 26 Oct 2017 7:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.1	18.1
277	24.0	17.7	26.5

