

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029484.D
 Acq On : 26 Oct 2017 19:06
 Operator : SJ/JU
 Sample : I5792-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D03DL

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:33:09 PM

Quant Time: Oct 27 02:31:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:08:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	99539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	490699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	306343	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	676847	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	719765	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	737186	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2634	1.08	ng/uL	0.00
5) Phenol-d5	7.32	99	52781	5.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	32724	5.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	44463	6.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	40838	5.29	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	22214	6.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	26040	7.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	49046	5.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	28518	2.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	158890	6.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	200261	6.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	13690	2.83	ng/ul	0.00
57) Fluorene-d10	15.78	176	144272	6.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11742	3.55	ng/ul	0.00
70) Anthracene-d10	17.63	188	209202	6.54	ng/ul	0.00
76) Pyrene-d10	19.90	212	238791	6.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	218898	6.27	ng/ul	0.01

Target Compounds

					Ovalue
58) Fluorene	15.83	166	29983	1.237 ng/ul	92
69) Phenanthrene	17.57	178	565079	15.444 ng/ul	99
74) Fluoranthene	19.57	202	579721	14.177 ng/ul	98
77) Pyrene	19.93	202	759109	15.736 ng/ul	98
80) Benzo(a)anthracene	21.78	228	309045	6.851 ng/ul	98
82) Chrysene	21.85	228	387050	9.444 ng/ul	97
85) Benzo(b)fluoranthene	24.07	252	342508	7.739 ng/ul	95
86) Benzo(k)fluoranthene	24.12	252	92895m	2.171 ng/ul	
88) Benzo(a)pyrene	24.97	252	275959	6.406 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.93	276	138833	2.849 ng/ul	98
91) Benzo(g,h,i)perylene	30.11	276	119006	2.946 ng/ul#	84

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

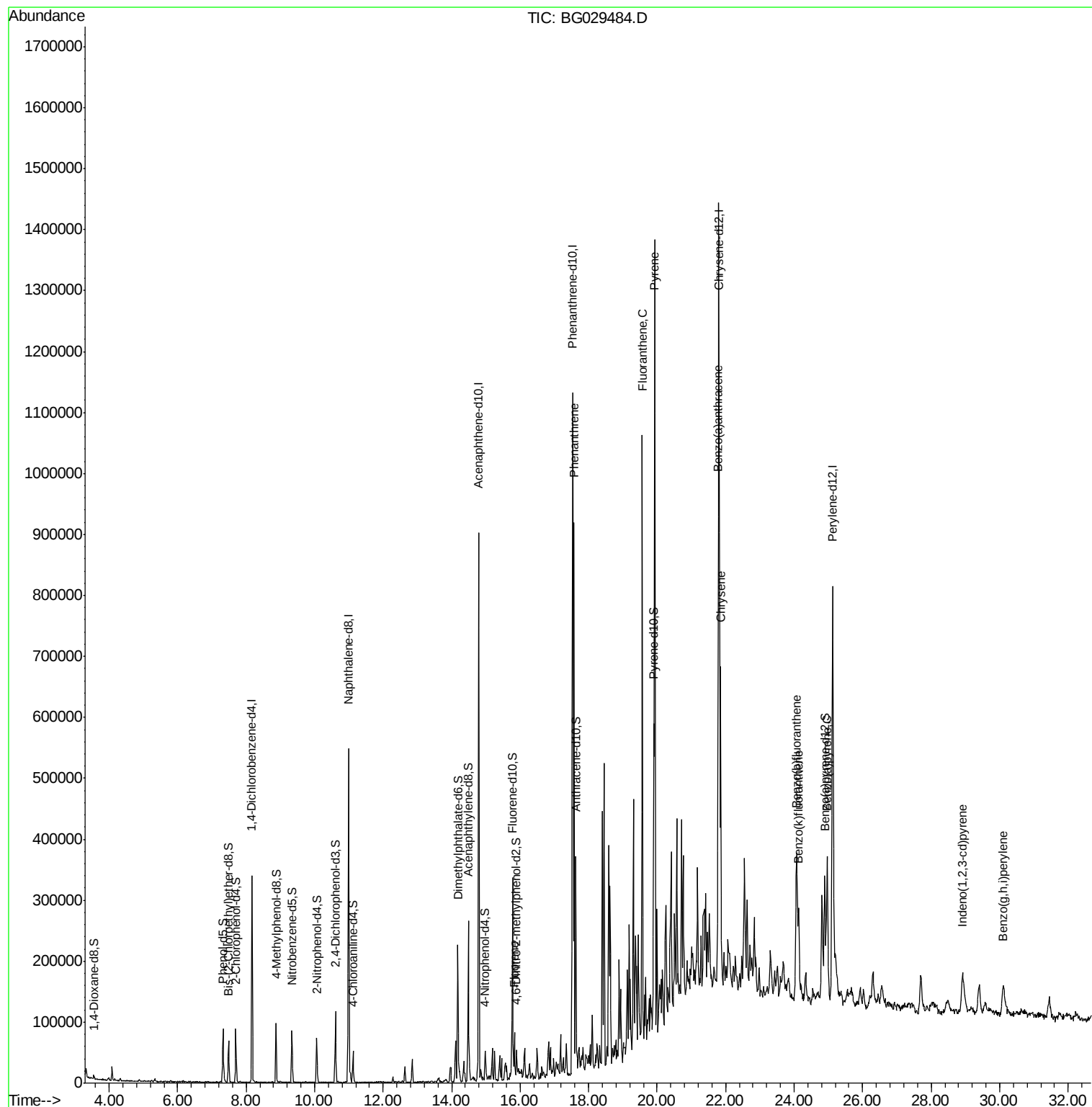
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029484.D
Acq On : 26 Oct 2017 19:06
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ALS Vial : 6 Sample Multiplier: 1

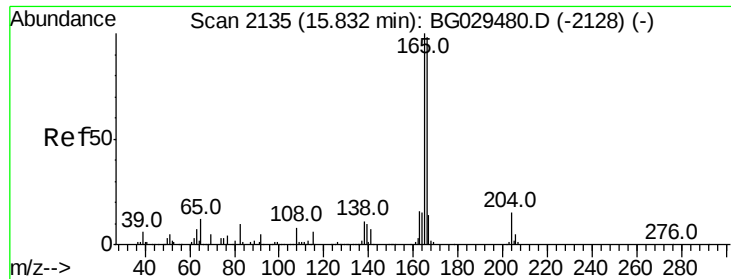
Instrument :
BNA_G
ClientSampled :
B0D03DL

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Quant Time: Oct 27 02:31:31 2017
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Quant Title : SVOA CALIBRATION
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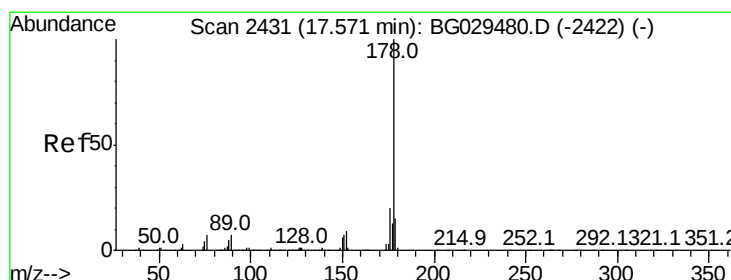
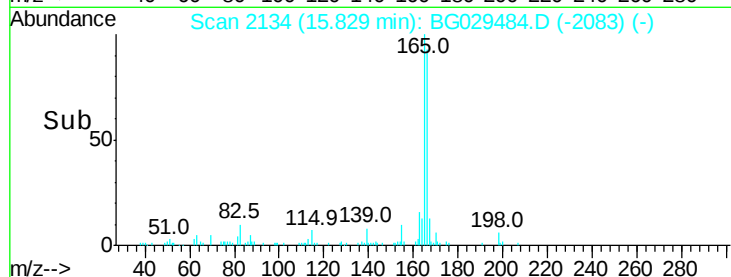
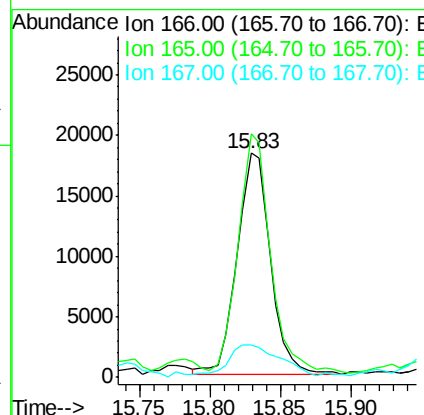
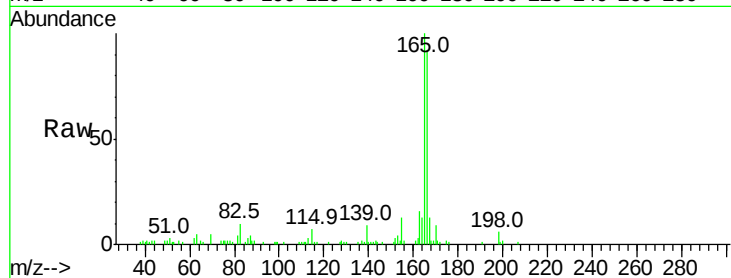
#58
 Fluorene
 Concen: 1.237 ng/ul
 RT: 15.83 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG029484.D
 Acq: 26 Oct 2017 19:06

Instrument :
 BNA_G
 ClientSampleID :
 B0D03DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.7	79.9	119.9
167	14.2	10.6	16.0

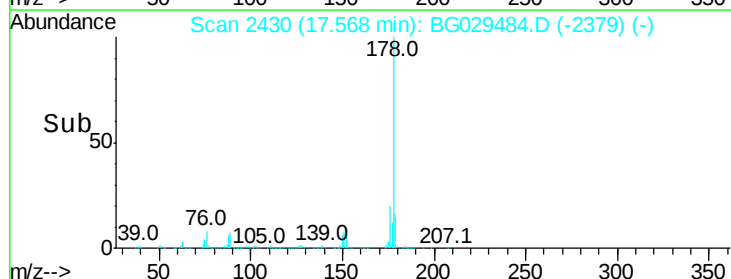
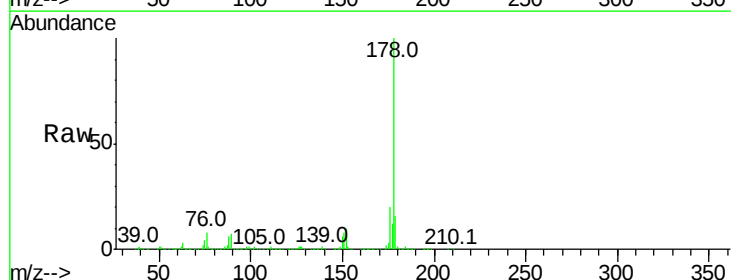
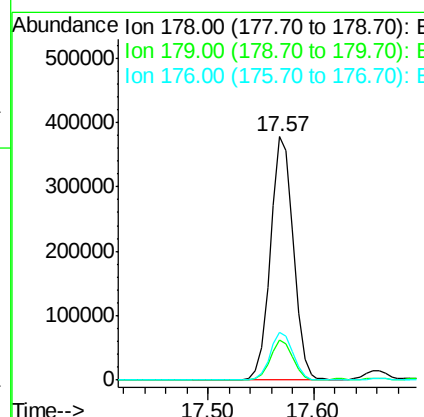
Manual Integrations
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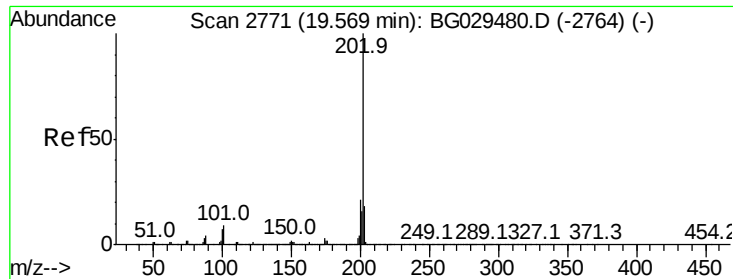
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#69
 Phenanthrene
 Concen: 15.444 ng/ul
 RT: 17.57 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BG029484.D
 Acq: 26 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	19.9	15.3	22.9





#74

Fluoranthene

Concen: 14.177 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029484.D

Acq: 26 Oct 2017 19:06

Instrument :

BNA_G

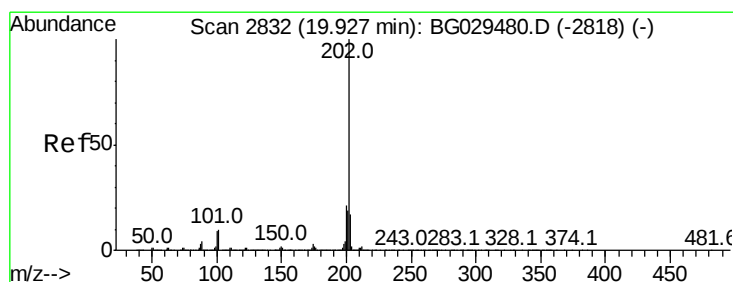
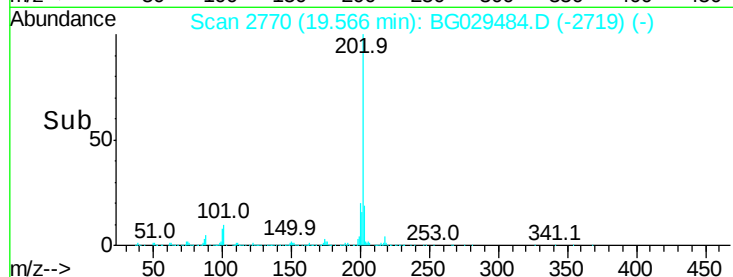
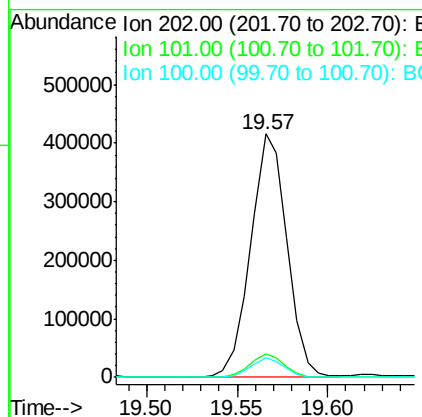
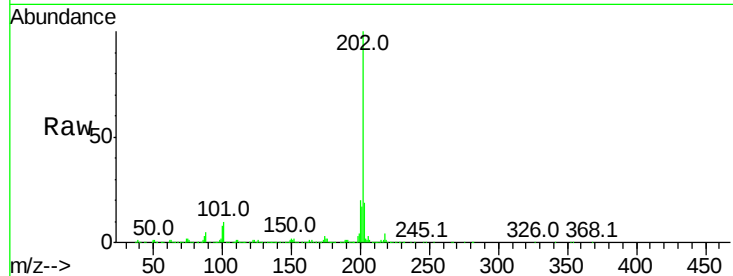
ClientSampled :

B0D03DL

Tot Ion:	202	Resp:	579721
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.4	11.2
100	7.8	5.6	8.4

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#77

Pyrene

Concen: 15.736 ng/ul

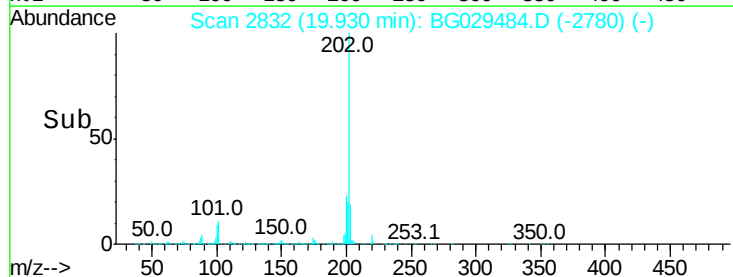
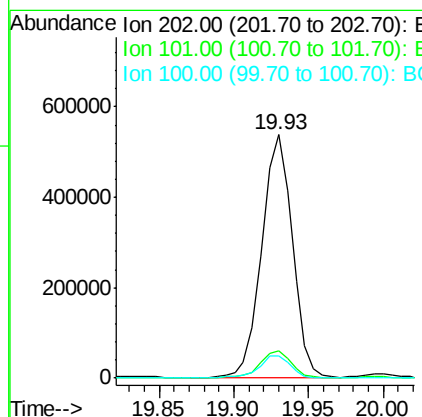
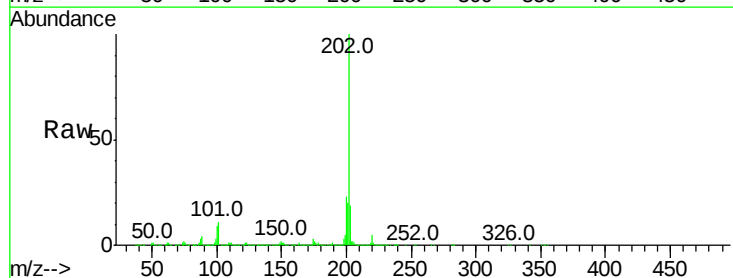
RT: 19.93 min Scan# 2832

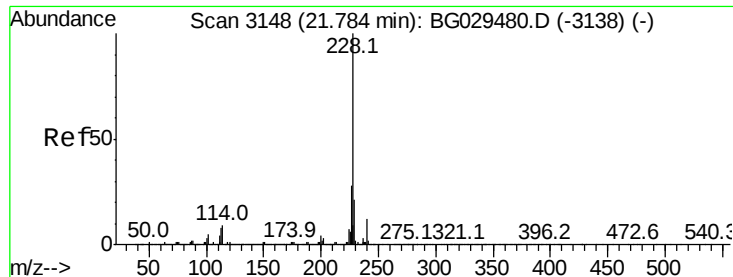
Delta R.T. 0.01 min

Lab File: BG029484.D

Acq: 26 Oct 2017 19:06

Tgt Ion:	202	Resp:	759109
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.4	12.6
100	9.4	7.0	10.6





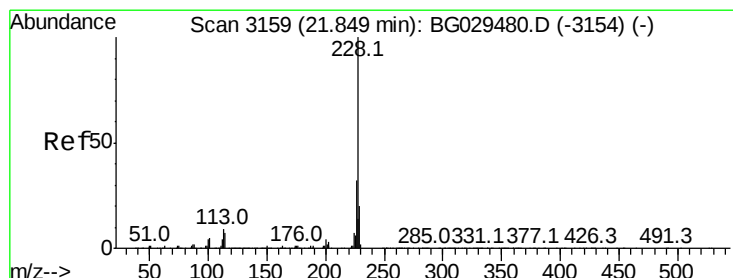
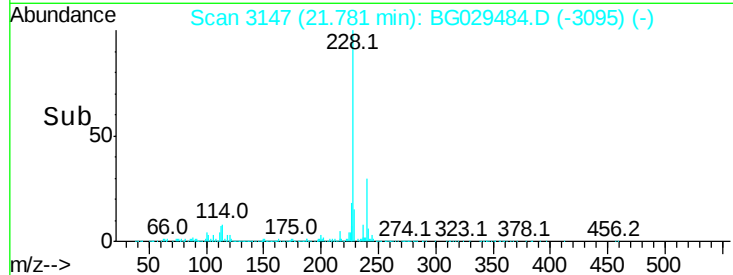
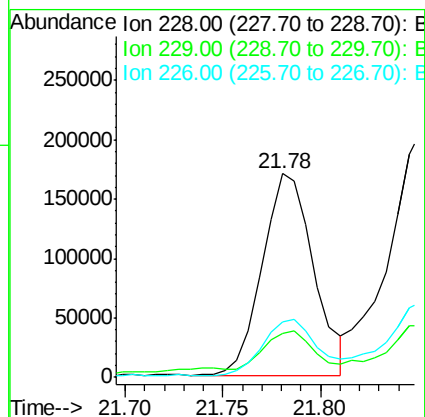
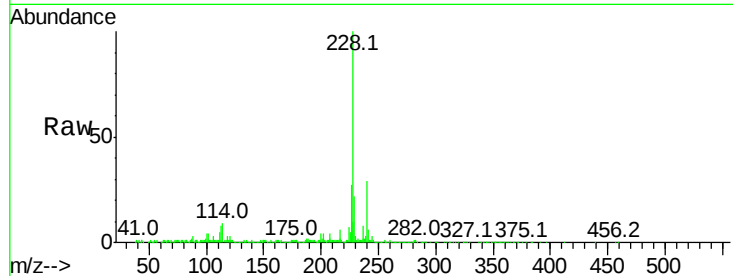
#80
Benzo(a)anthracene
Concen: 6.851 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG029484.D
Acq: 26 Oct 2017 19:06

Instrument :
BNA_G
ClientSampleId :
B0D03DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.4
226	27.3	22.2	33.2

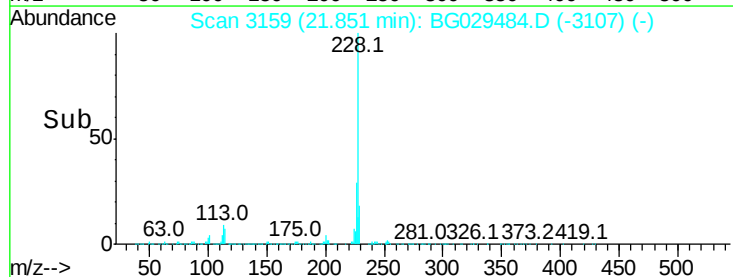
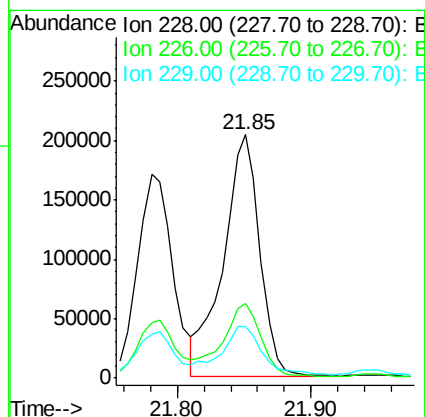
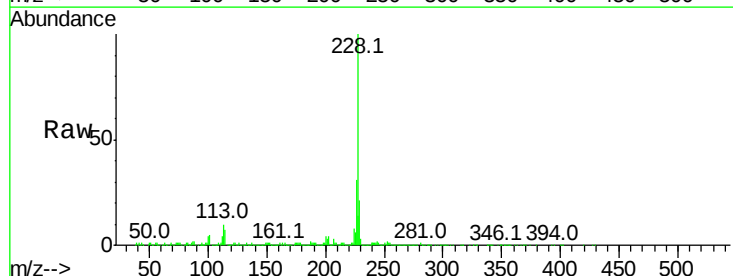
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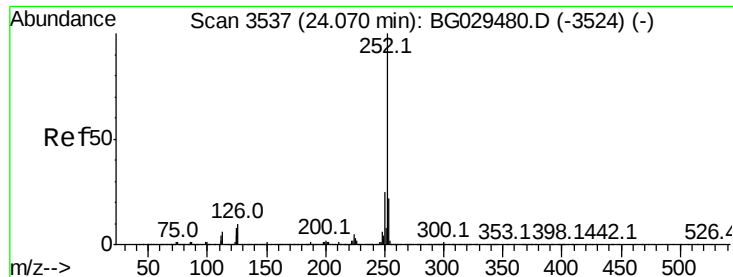
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#82
Chrysene
Concen: 9.444 ng/ul
RT: 21.85 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG029484.D
Acq: 26 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	21.1	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 7.739 ng/ul

RT: 24.07 min Scan# 3537

Delta R.T. 0.02 min

Lab File: BG029484.D

Acq: 26 Oct 2017 19:06

Instrument :

BNA_G

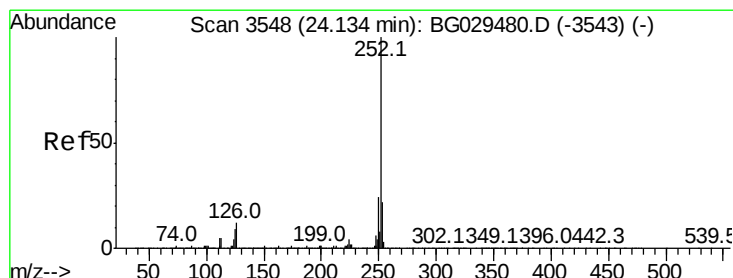
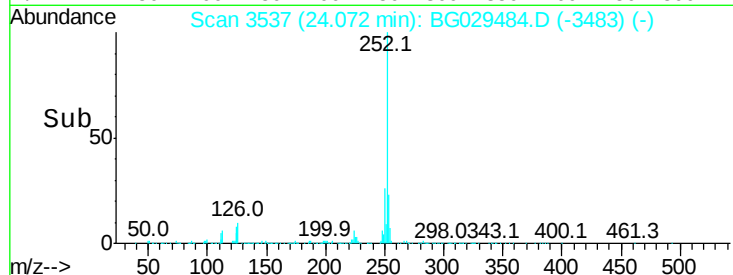
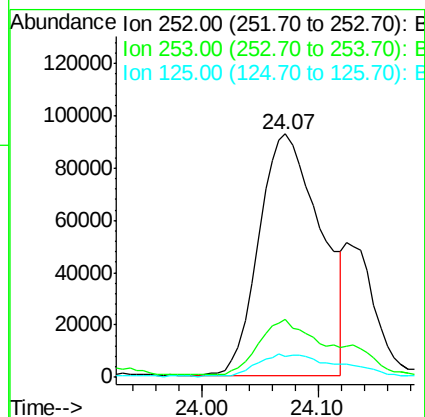
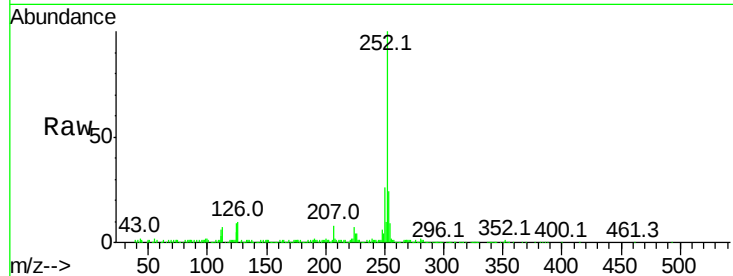
ClientSampleId :

B0D03DL

Tot Ion:	252	Resp:	342508
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.4
125	8.7	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 2.171 ng/ul m

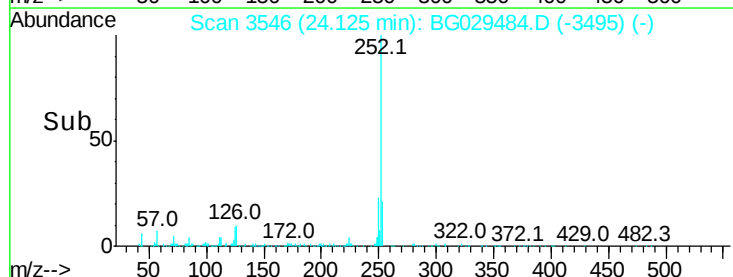
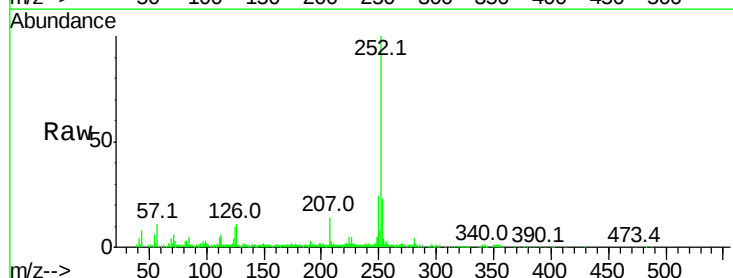
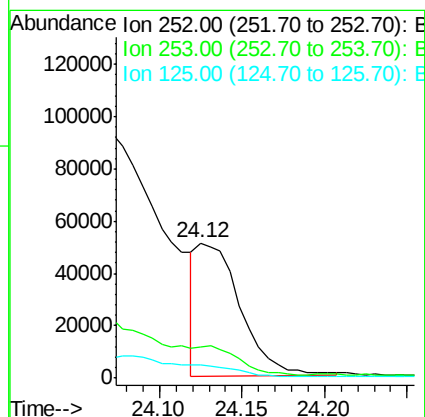
RT: 24.12 min Scan# 3546

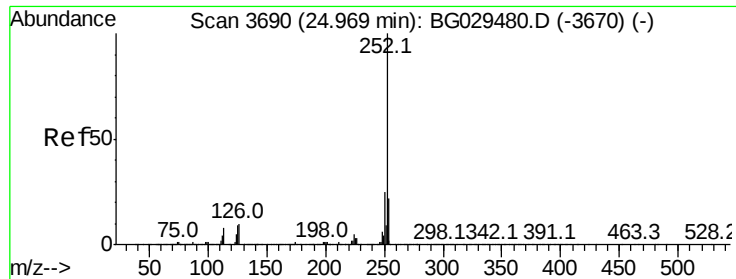
Delta R.T. 0.00 min

Lab File: BG029484.D

Acq: 26 Oct 2017 19:06

Tgt Ion:	252	Resp:	92895
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	10.2	7.8	11.8





#88

Benzo(a)pyrene

Concen: 6.406 ng/ul

RT: 24.97 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG029484.D

Acq: 26 Oct 2017 19:06

Instrument :

BNA_G

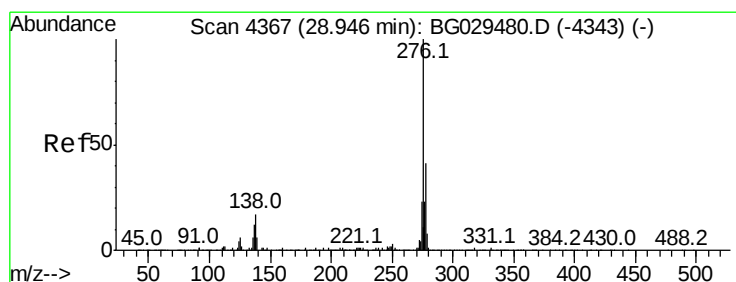
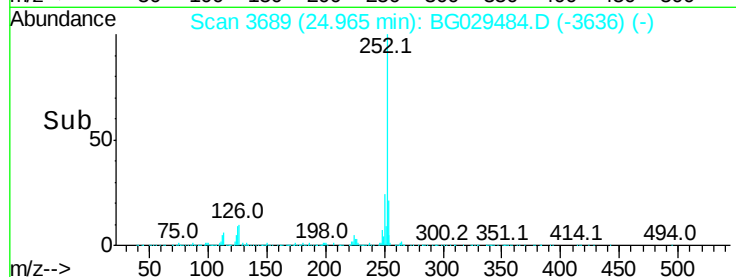
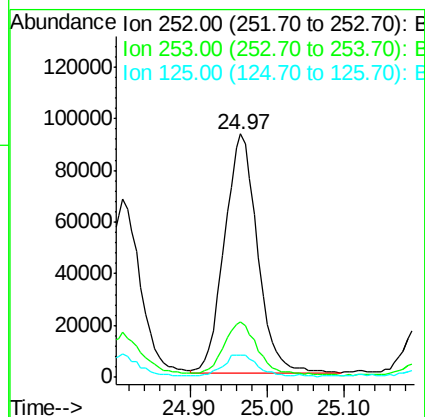
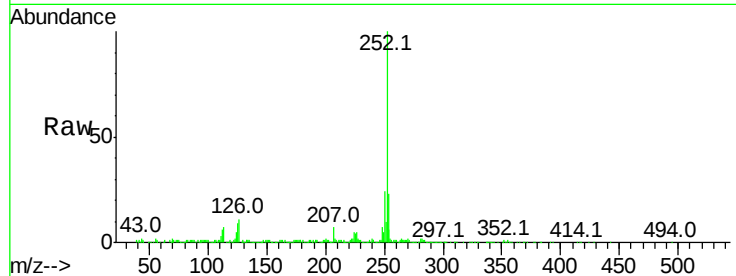
ClientSampleId :

B0D03DL

Tot Ion:	252	Resp:	275959
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	9.3	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.849 ng/ul

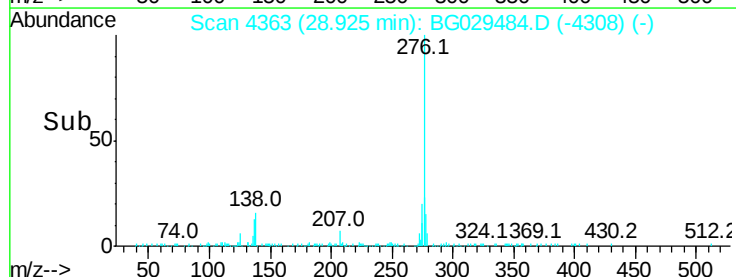
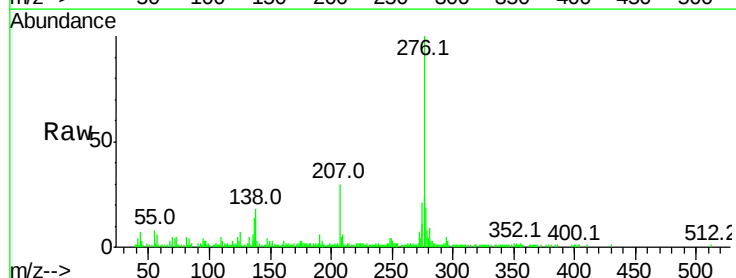
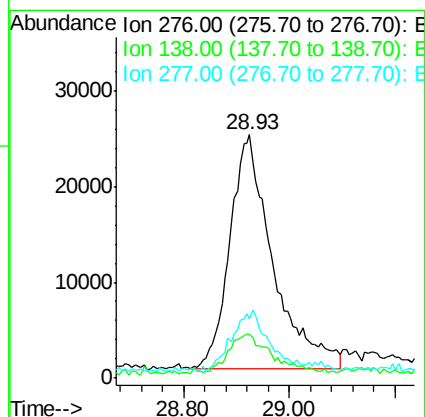
RT: 28.93 min Scan# 4363

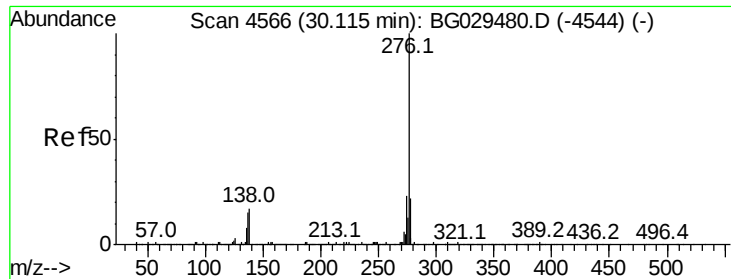
Delta R.T. 0.02 min

Lab File: BG029484.D

Acq: 26 Oct 2017 19:06

Tgt Ion:	276	Resp:	138833
Ion Ratio	Lower	Upper	
276	100		
138	17.8	13.4	20.0
277	24.1	18.6	28.0





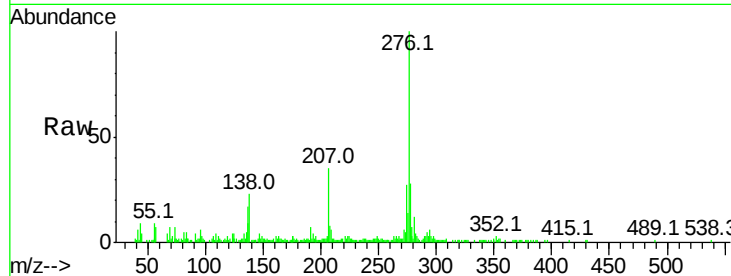
#91
 Benzo(a,h,i)perylene
 Concen: 2.946 ng/ul
 RT: 30.11 min Scan# 4564
 Delta R.T. 0.02 min
 Lab File: BG029484.D
 Acq: 26 Oct 2017 19:06

Instrument :
 BNA_G
 ClientSampleId :
 B0D03DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	12.1	18.1#
277	28.1	17.7	26.5#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

