

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029215.D
 Acq On : 14 Oct 2017 6:49
 Operator : SJ/JU
 Sample : I5574-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0BZ0

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:32:23 PM

Quant Time: Oct 14 23:32:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	91603	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	401076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	243935	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	584004	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	556354	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	548920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13240	5.88	ng/uL	0.00
5) Phenol-d5	7.31	99	269691	30.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	171396	31.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	194982	31.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	203338	28.64	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	102867	35.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	105590	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	201274	29.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	210664	26.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	672443	32.24	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	824425	32.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	103517	26.89	ng/ul	0.00
57) Fluorene-d10	15.77	176	588148	34.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	73355	25.73	ng/ul	0.00
70) Anthracene-d10	17.62	188	893522	32.35	ng/ul	0.00
76) Pyrene-d10	19.89	212	922765	32.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	808079	31.08	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.34	94	50673	5.57	ng/ul	87
44) Dimethylphthalate	14.23	163	239249	11.76	ng/ul	98
69) Phenanthrene	17.57	178	48114	1.52	ng/ul	96
74) Fluoranthene	19.56	202	143308	4.06	ng/ul#	93
77) Pyrene	19.92	202	196710	5.28	ng/ul#	90
80) Benzo(a)anthracene	21.77	228	86291m	2.47	ng/ul	
82) Chrysene	21.84	228	134845	4.26	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	129305	3.92	ng/ul#	94
86) Benzo(k)fluoranthene	24.11	252	39730	1.25	ng/ul#	94
88) Benzo(a)pyrene	24.95	252	91760	2.86	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.87	276	59129	1.63	ng/ul#	86
91) Benzo(g,h,i)perylene	30.04	276	55148	1.83	ng/ul#	88

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

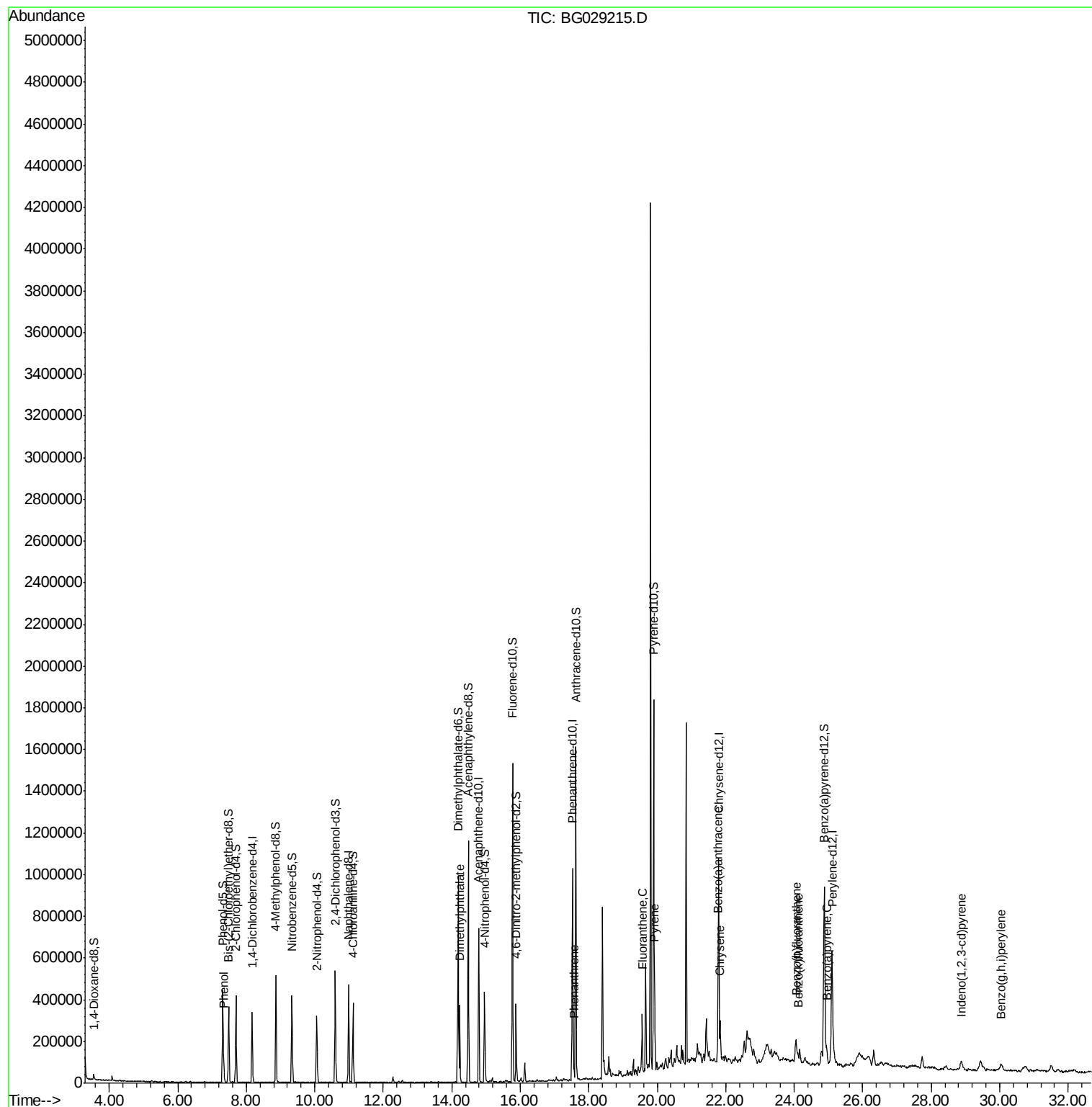
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029215.D
Acq On : 14 Oct 2017 6:49
Operator : SJ/JU
Sample : I5574-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

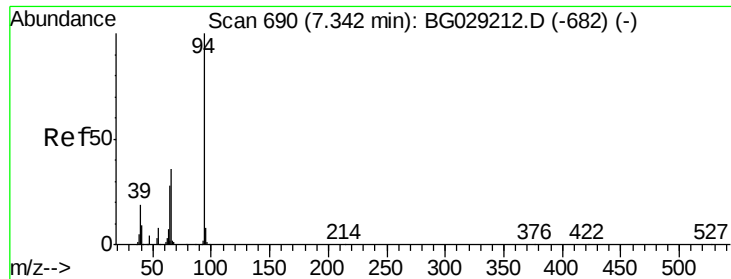
Instrument :
BNA_G
ClientSampleId :
B0BZ0

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Quant Time: Oct 14 23:32:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.57 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

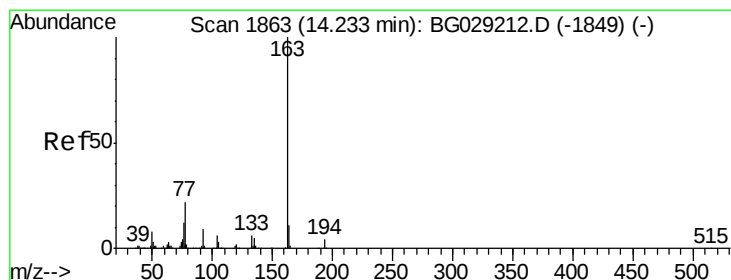
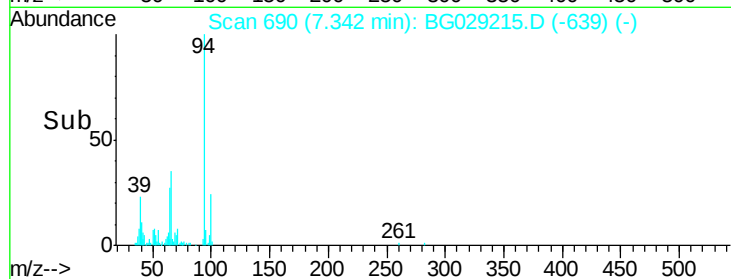
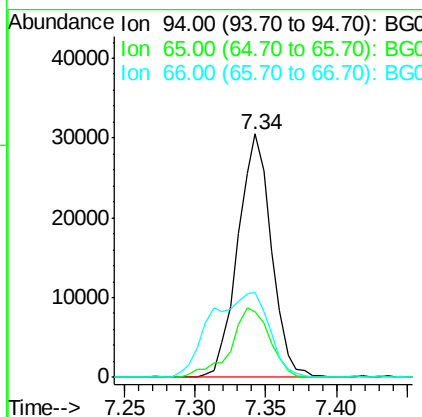
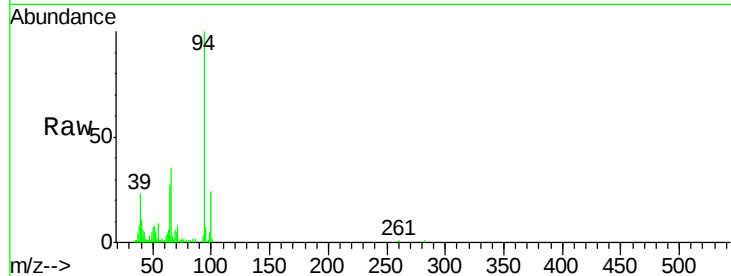
ClientSampleId :

B0BZ0

Tgt Ion:	94	Resp:	50673
Ion Ratio	Lower	Upper	
94	100		
65	27.2	27.1	40.7
66	34.7	34.6	52.0

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#44

Dimethylphthalate

Concen: 11.76 ng/ul

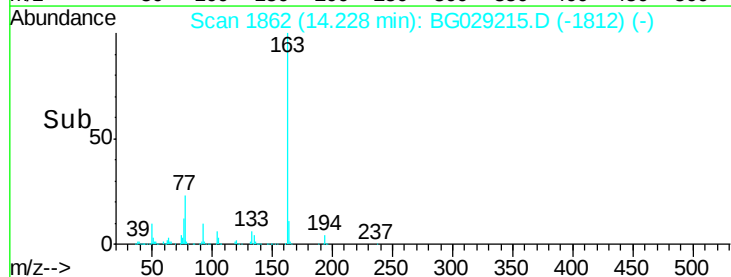
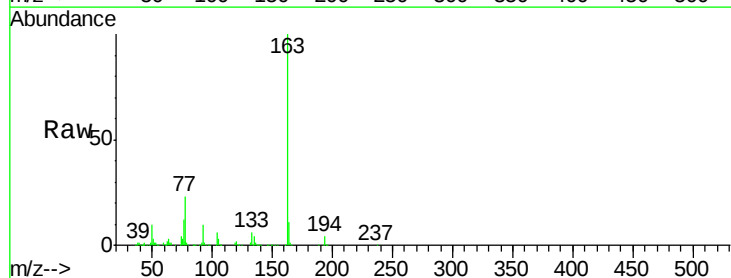
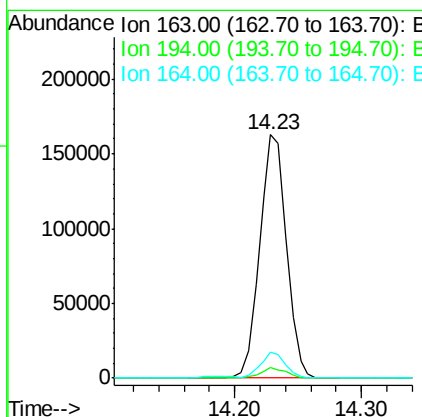
RT: 14.23 min Scan# 1862

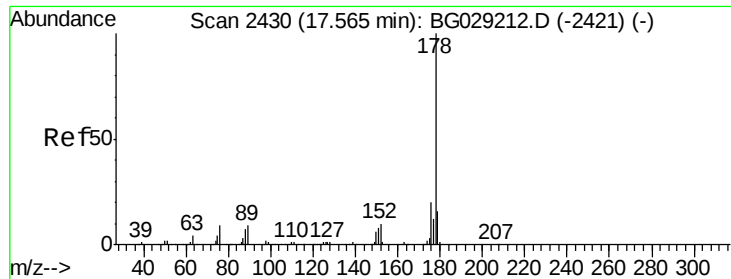
Delta R.T. -0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Tgt Ion:	163	Resp:	239249
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.7	7.6	11.4





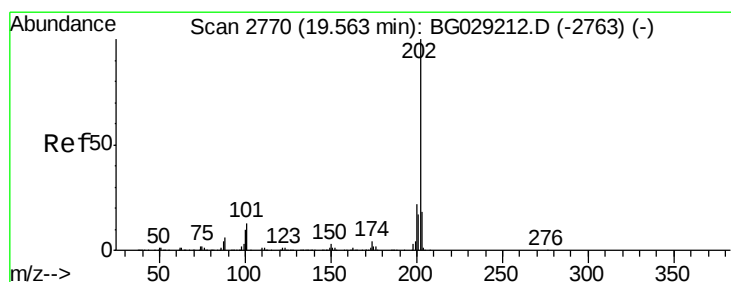
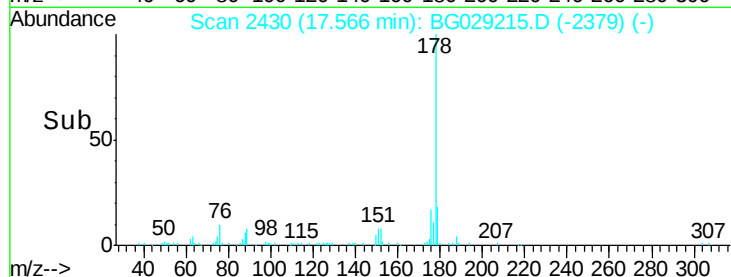
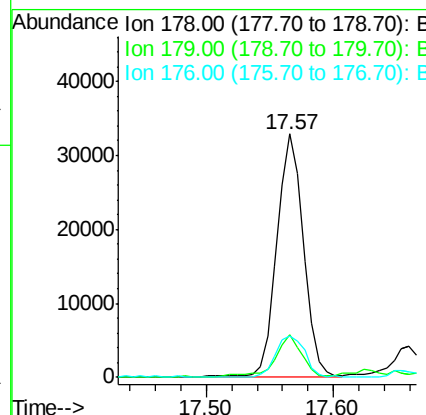
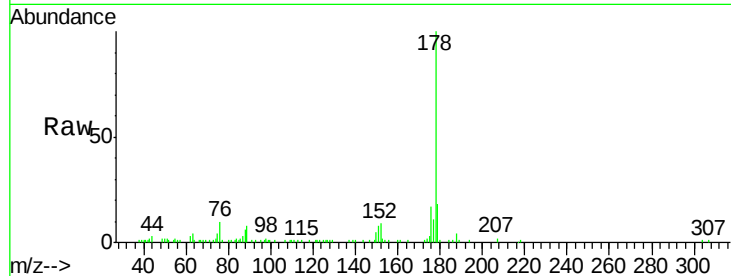
#69
Phenanthrene
Concen: 1.52 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG029215.D
Acq: 14 Oct 2017 6:49

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	48114		
179	17.5	13.0	19.6	
176	17.2	15.3	22.9	

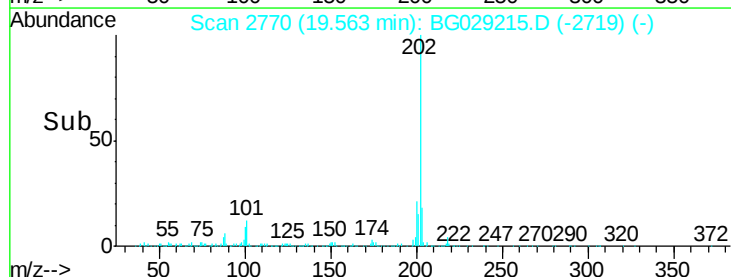
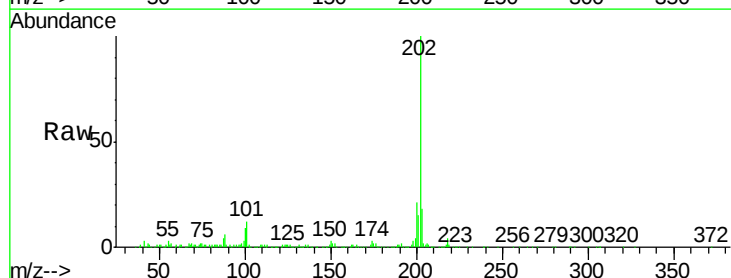
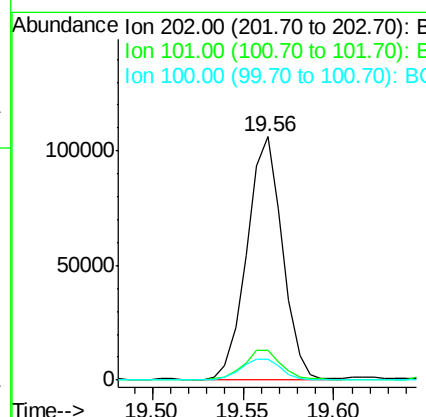
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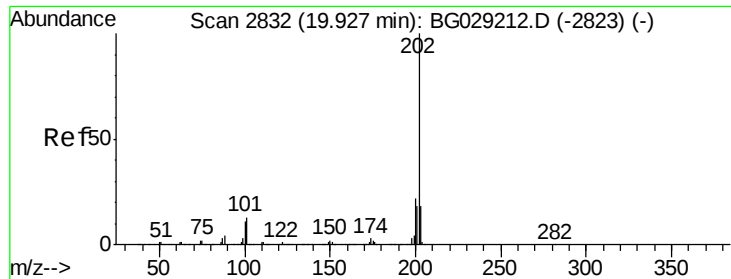
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#74
Fluoranthene
Concen: 4.06 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG029215.D
Acq: 14 Oct 2017 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	143308		
101	12.4	7.4	11.2#	
100	8.5	5.6	8.4#	





#77

Pyrene

Concen: 5.28 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

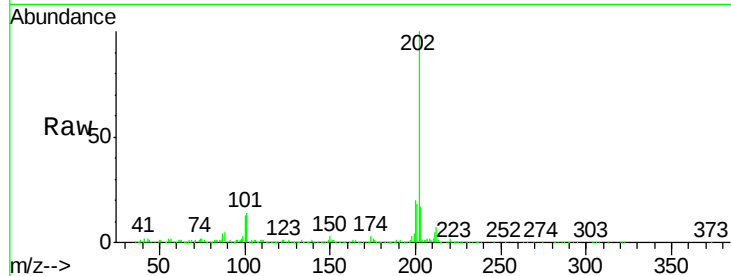
ClientSampleId :

B0BZ0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	8.4	12.6#
100	12.9	7.0	10.6#

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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): E

150000

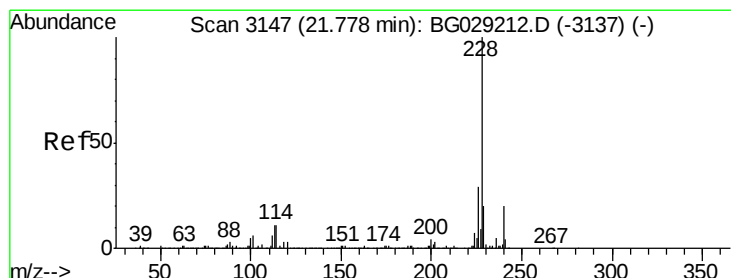
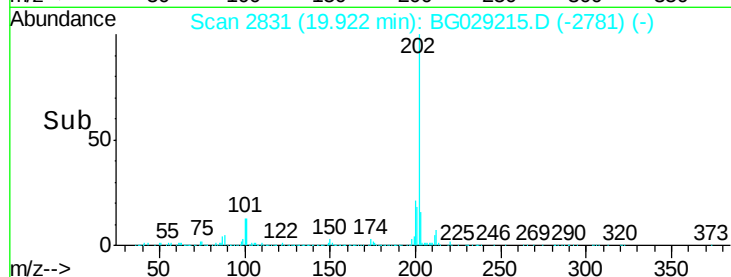
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50000

0

19.85 19.90 19.95 20.00

Time-->



#80

Benzo(a)anthracene

Concen: 2.47 ng/ul m

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	27.5	16.2	24.4#
226	31.3	22.2	33.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

80000

60000

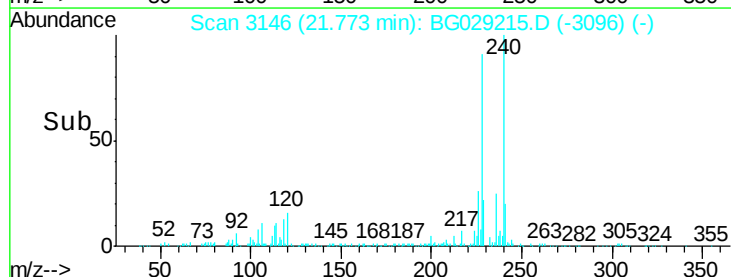
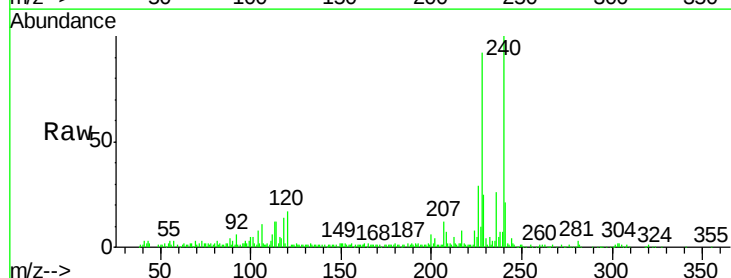
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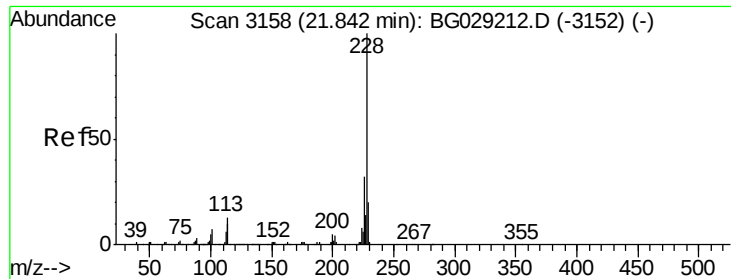
20000

0

21.70 21.75 21.80

Time-->





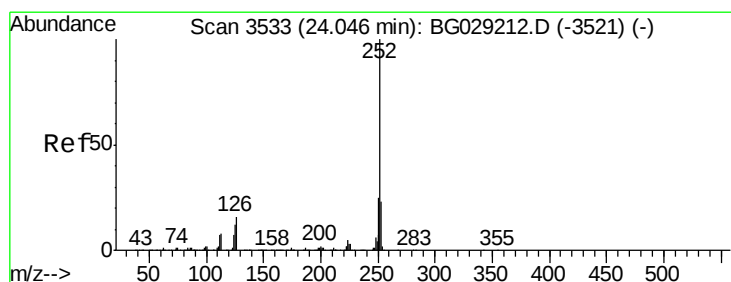
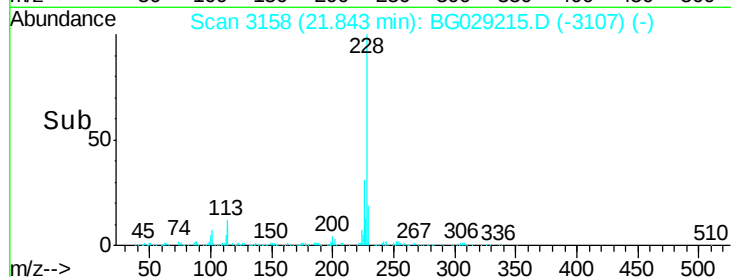
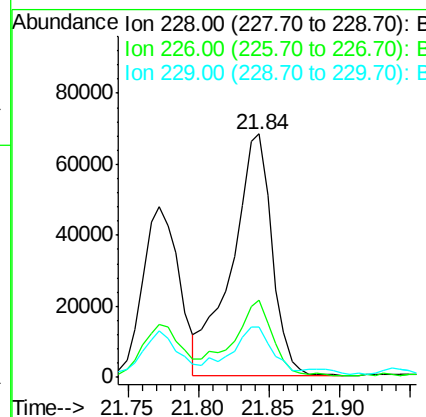
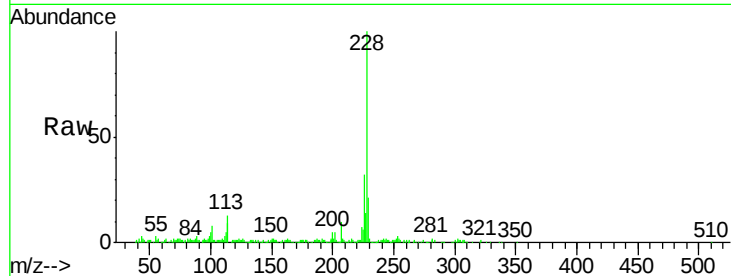
#82
Chrysene
Concen: 4.26 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG029215.D
Acq: 14 Oct 2017 6:49

Instrument :
BNA_G
ClientSampleId :
B0BZ0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.2	36.2
229	20.6	15.2	22.8

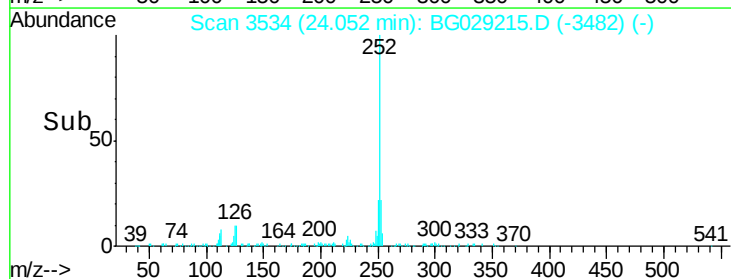
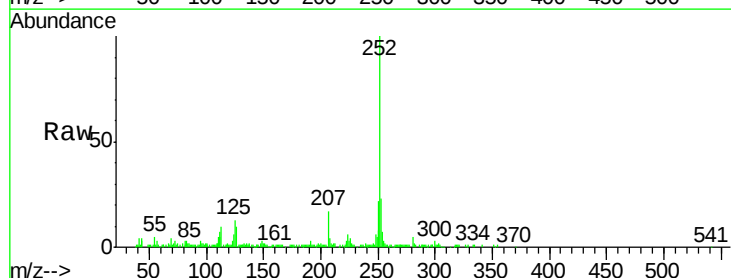
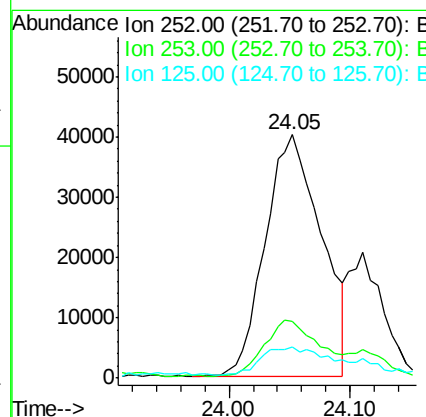
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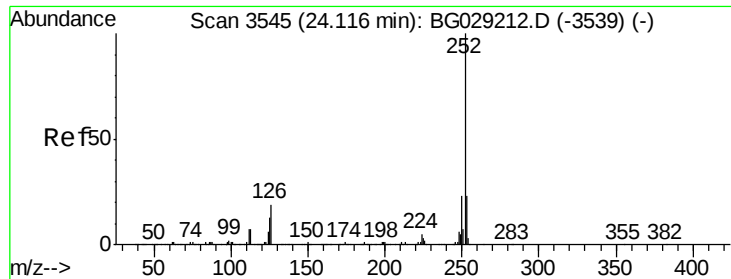
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#85
Benzo(b)fluoranthene
Concen: 3.92 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG029215.D
Acq: 14 Oct 2017 6:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	13.0	7.5	11.3





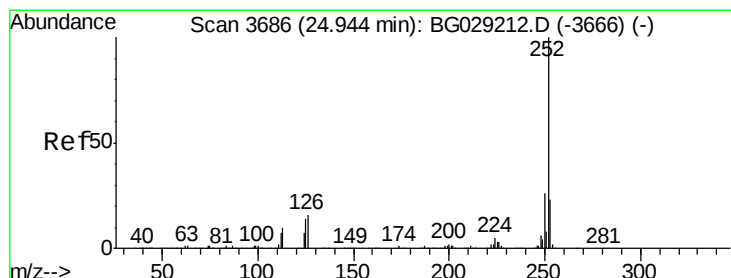
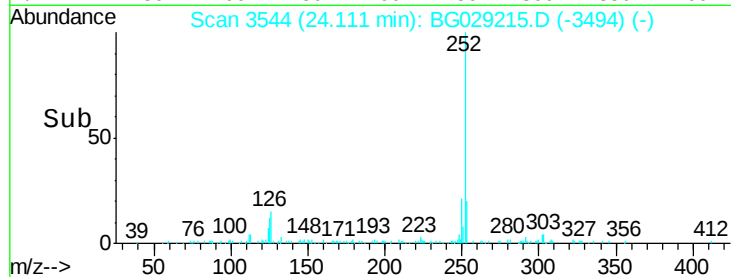
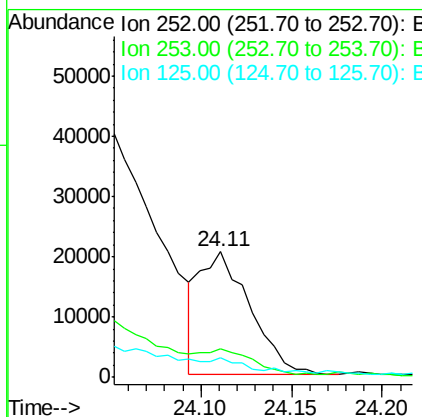
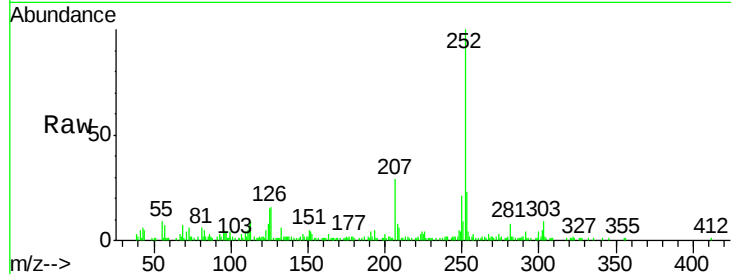
#86
Benzo(k)fluoranthene
Concen: 1.25 ng/ul
RT: 24.11 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG029215.D
Acq: 14 Oct 2017 6:49

Instrument :
BNA_G
ClientSampled :
B0BZ0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	15.1	7.8	11.8#

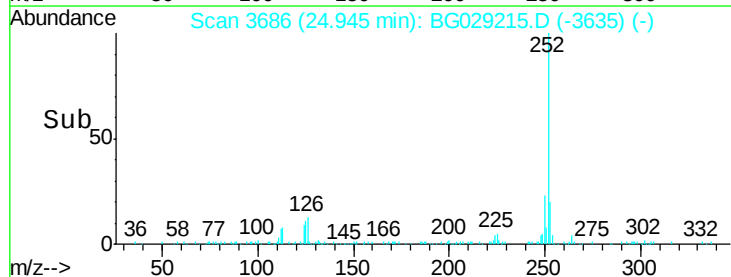
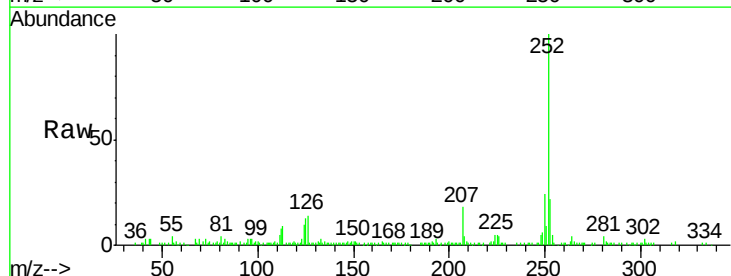
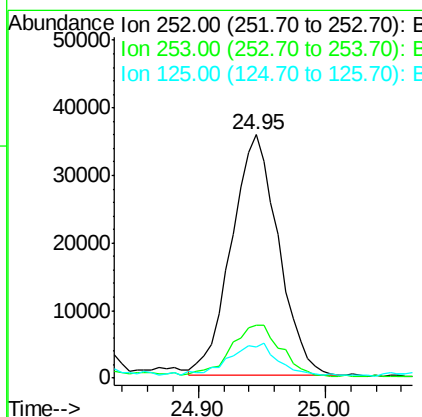
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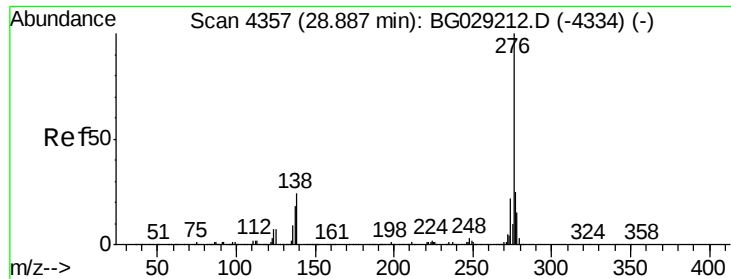
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#88
Benzo(a)pyrene
Concen: 2.86 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029215.D
Acq: 14 Oct 2017 6:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.9	7.8	11.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.63 ng/ul

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

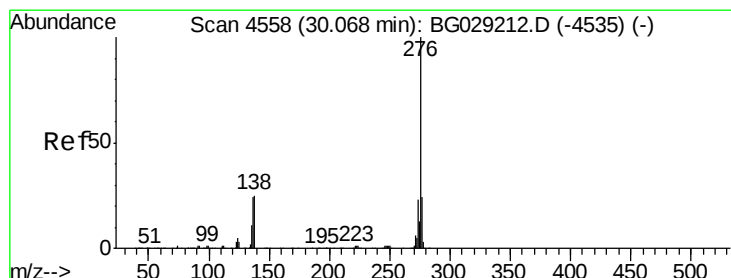
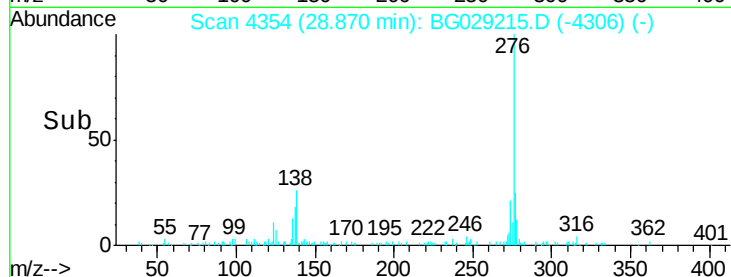
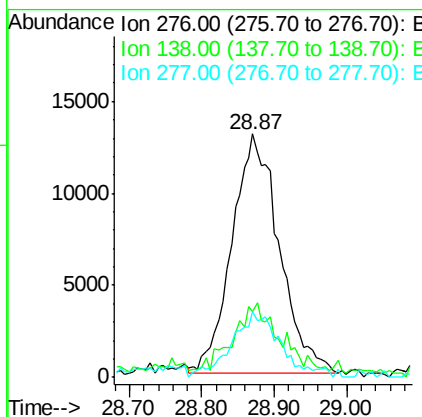
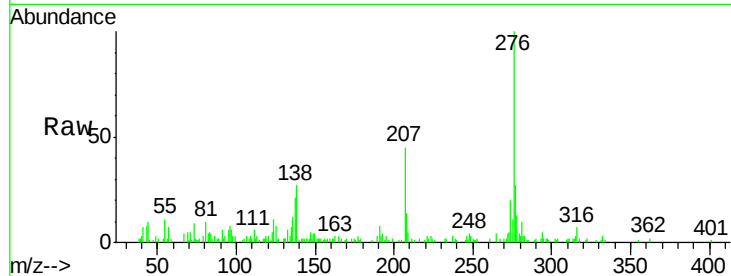
ClientSampleId :

B0BZ0

Tgt Ion:	276	Resp:	59129
Ion Ratio		Lower	Upper
276	100		
138	26.8	13.4	20.0#
277	26.8	18.6	28.0

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1.83 ng/ul

RT: 30.04 min Scan# 4553

Delta R.T. -0.03 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Tgt Ion:	276	Resp:	55148
Ion Ratio		Lower	Upper
276	100		
138	27.8	12.1	18.1#
277	22.2	17.7	26.5

