

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022036.D
 Acq On : 23 May 2016 6:47
 Operator : UM/SJ
 Sample : H3203-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH8

Manual Integrations
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 5/24/2016 7:33:48 PM

Quant Time: May 24 13:31:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45257	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	230888	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121566	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	229488	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	202534	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	187701	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	1091	1.11	ng/uL	0.00
3) Phenol-d5	7.31	99	54980	13.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	32974	15.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	52262	15.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	48972	13.76	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	28509	17.60	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24113	13.95	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	47201	15.45	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	40510	16.84	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	162912	17.38	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	231773	19.20	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	1129	0.68	ng/ul	0.02
21) Fluorene-d10	15.77	176	148414	17.59	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	5841	5.13	ng/ul	0.00
26) Anthracene-d10	17.63	188	200495	18.96	ng/ul	0.00
30) Pyrene-d10	19.90	212	194195	18.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	163960	19.67	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	132138	10.77	ng/ul	97
27) Anthracene	17.66	178	18087	1.47	ng/ul	97
28) Fluoranthene	19.57	202	350003	27.46	ng/ul#	94
31) Pyrene	19.93	202	271047m	19.43	ng/ul	
32) Benzo(a)anthracene	21.79	228	148441	13.21	ng/ul	95
33) Chrysene	21.86	228	164780	15.08	ng/ul	98
35) Benzo(b)fluoranthene	24.09	252	260683	24.16	ng/ul#	96
36) Benzo(k)fluoranthene	24.14	252	64458m	6.07	ng/ul	
38) Benzo(a)pyrene	24.99	252	139677	13.54	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	28.96	276	80228	6.84	ng/ul#	89
40) Dibenzo(a,h)anthracene	29.01	278	20182m	2.08	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	77792m	7.84	ng/ul	

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

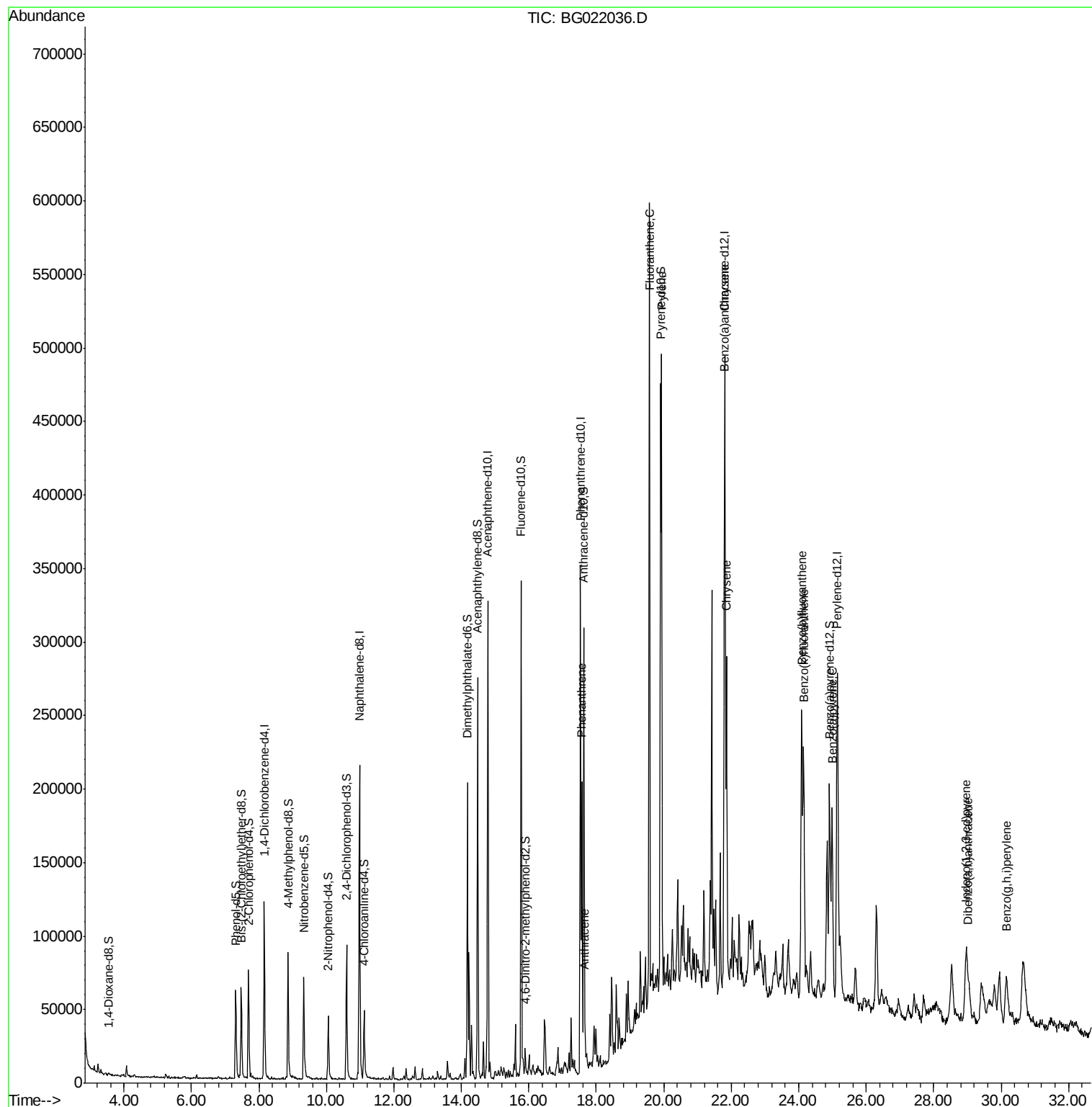
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022036.D
Acq On : 23 May 2016 6:47
Operator : UM/SJ
Sample : H3203-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

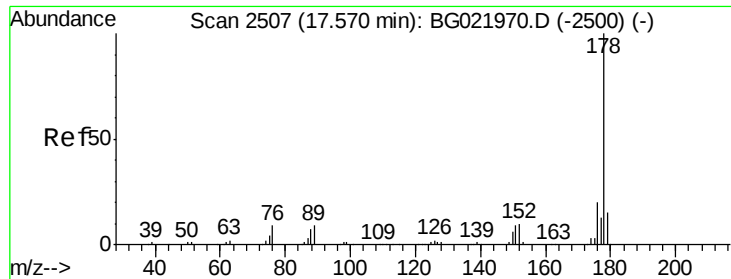
Instrument :
BNA_G
ClientSampled :
D9XH8

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Quant Time: May 24 13:31:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
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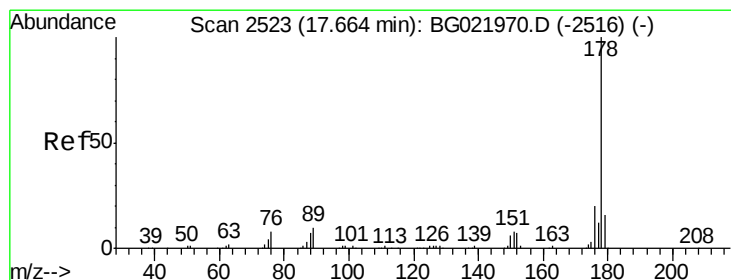
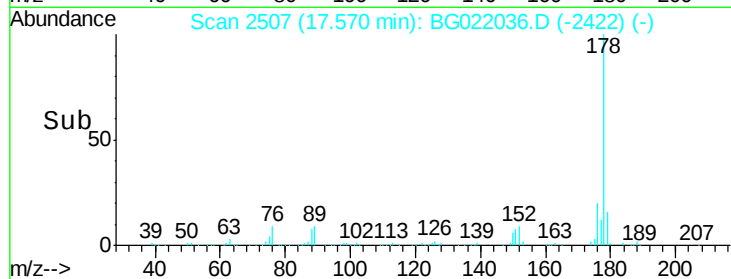
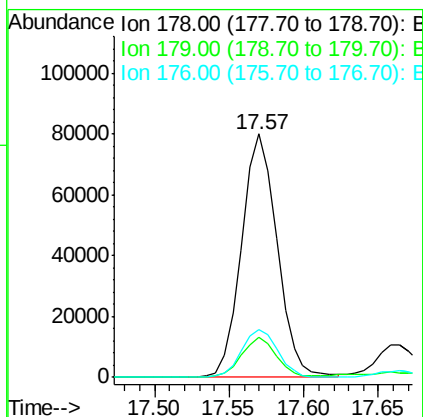
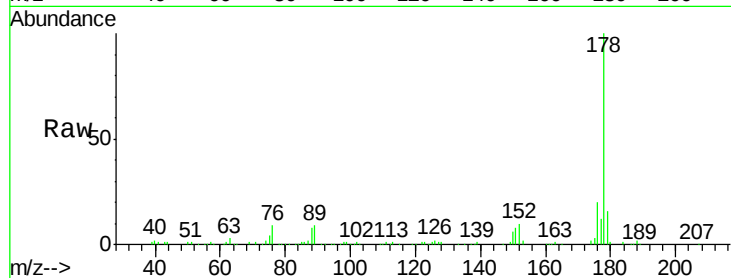
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Phenanthrene
Concen: 10.77 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022036.D
Acq: 23 May 2016 6:47

Instrument :
BNA_G
ClientSampleId :
D9XH8

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	132138		
179	16.3	11.8	17.8	
176	19.7	14.8	22.2	

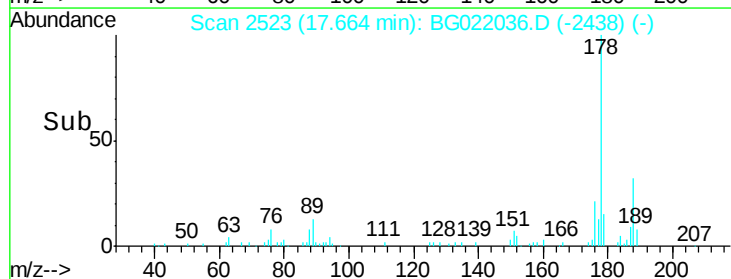
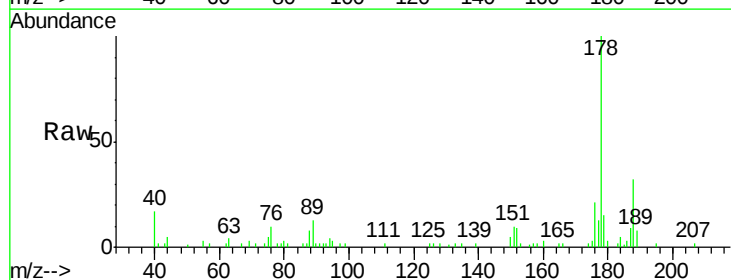
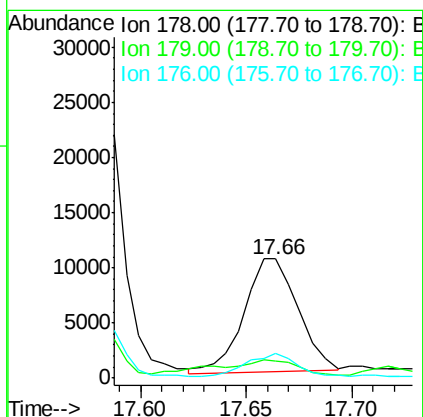
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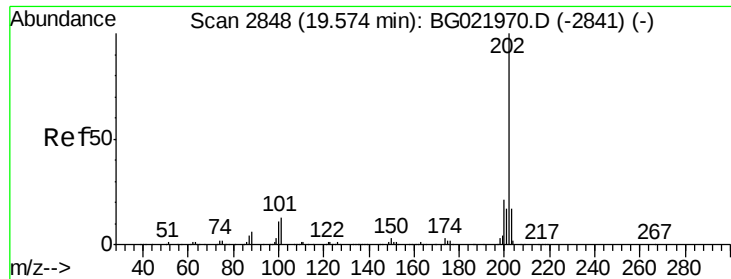
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#27
Anthracene
Concen: 1.47 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG022036.D
Acq: 23 May 2016 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	18087		
179	14.7	12.9	19.3	
176	20.7	15.6	23.4	





#28

Fluoranthene

Concen: 27.46 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG022036.D

Acq: 23 May 2016 6:47

Instrument :

BNA_G

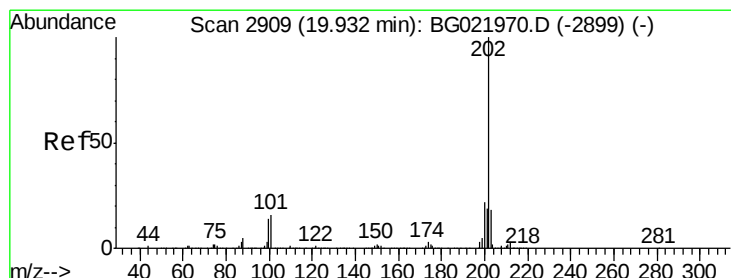
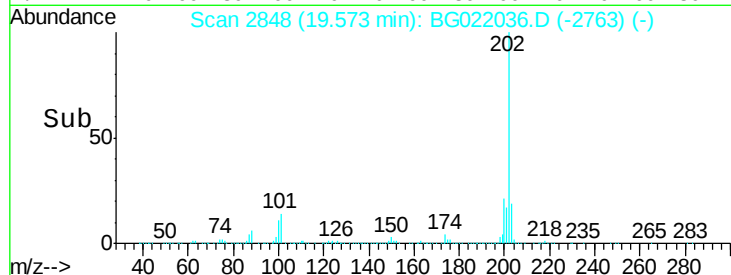
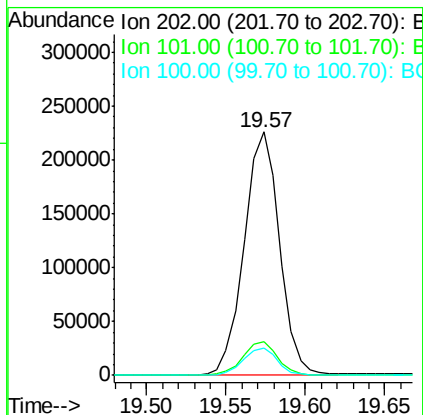
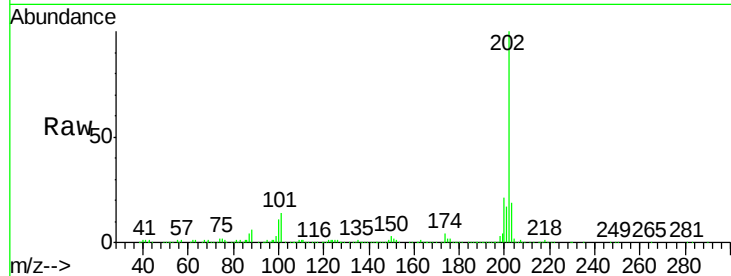
ClientSampleId :

D9XH8

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		350003		
101	13.6	8.9	13.3#		
100	11.0	7.0	10.4#		

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#31

Pyrene

Concen: 19.43 ng/ul m

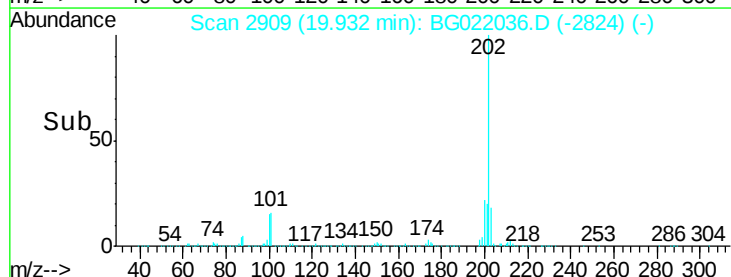
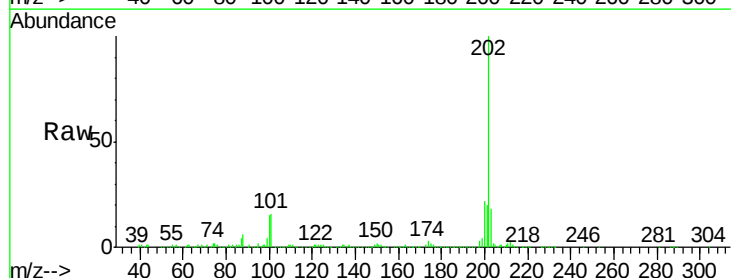
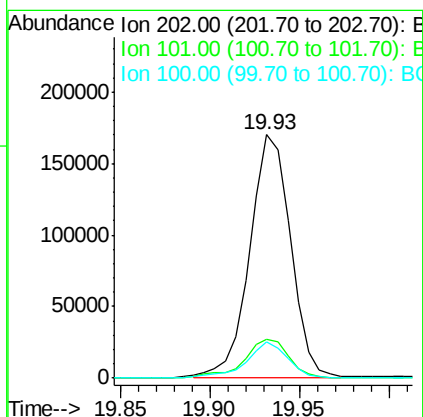
RT: 19.93 min Scan# 2909

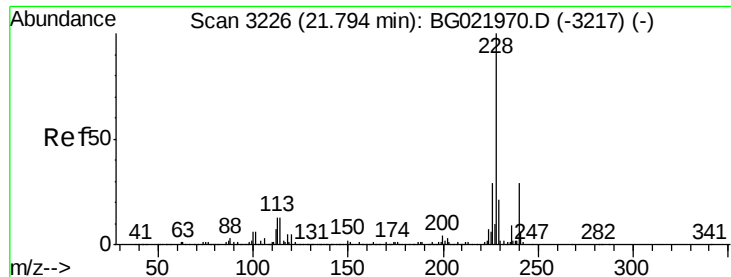
Delta R.T. -0.00 min

Lab File: BG022036.D

Acq: 23 May 2016 6:47

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		271047		
101	15.9	9.8	14.8#		
100	15.1	9.3	13.9#		





#32

Benzo(a)anthracene

Concen: 13.21 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG022036.D

Acq: 23 May 2016 6:47

Instrument :

BNA_G

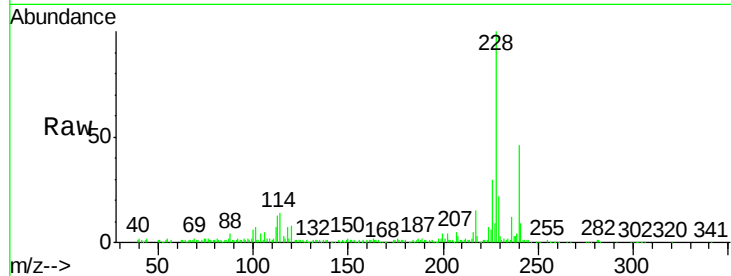
ClientSampled :

D9XH8

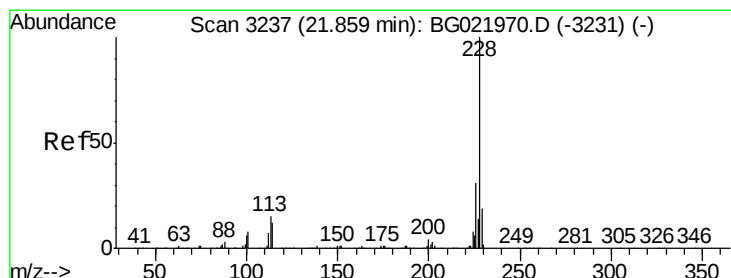
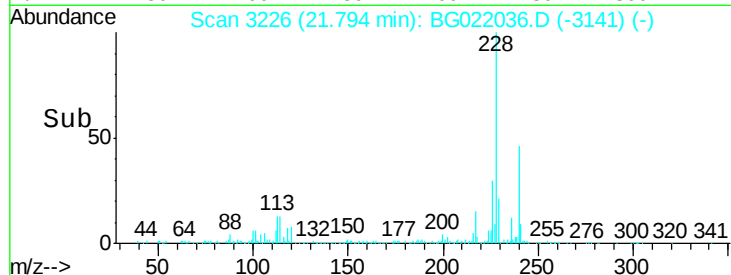
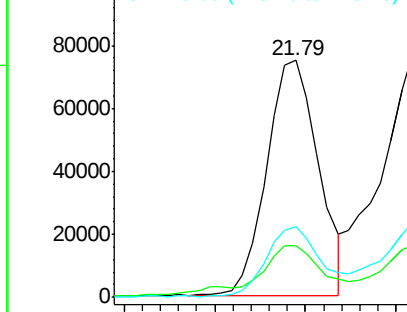
Tgt Ion:	228	Resp:	148441
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.6	25.0
226	30.2	21.0	31.4

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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



#33

Chrysene

Concen: 15.08 ng/ul

RT: 21.86 min Scan# 3237

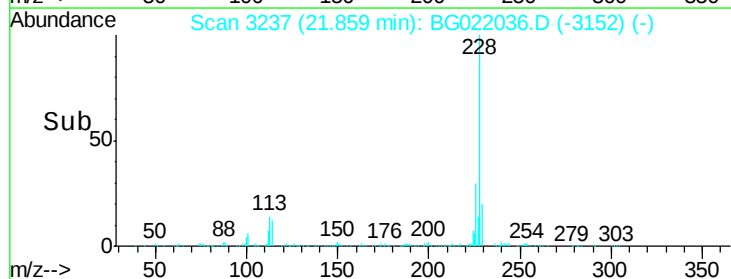
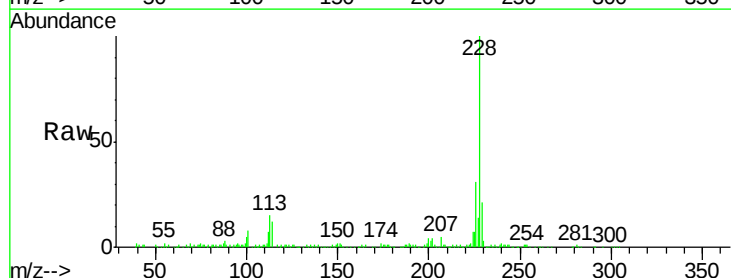
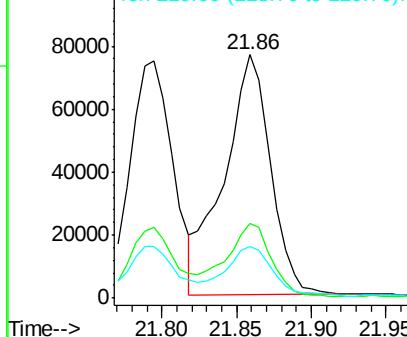
Delta R.T. -0.00 min

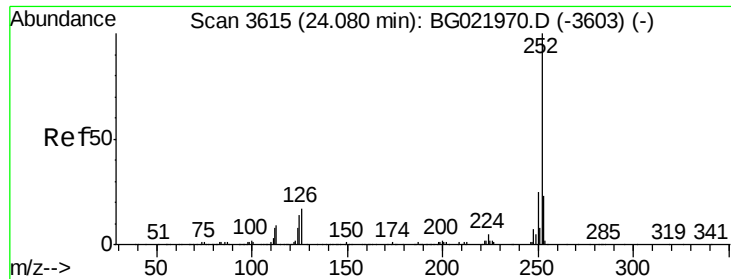
Lab File: BG022036.D

Acq: 23 May 2016 6:47

Tgt Ion:	228	Resp:	164780
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	21.1	16.2	24.2

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





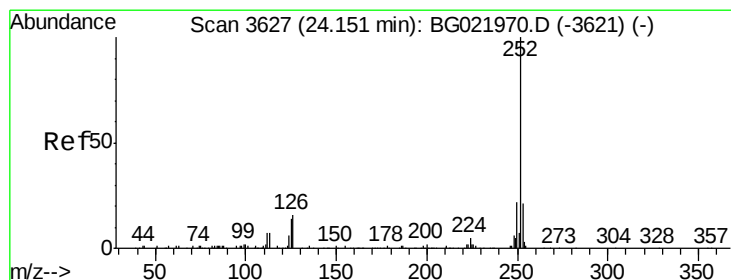
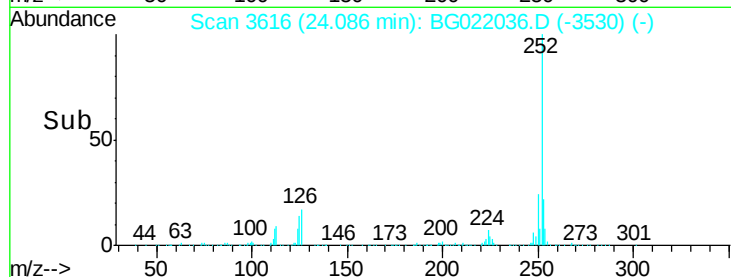
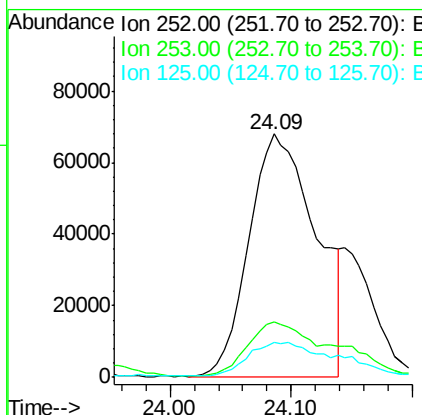
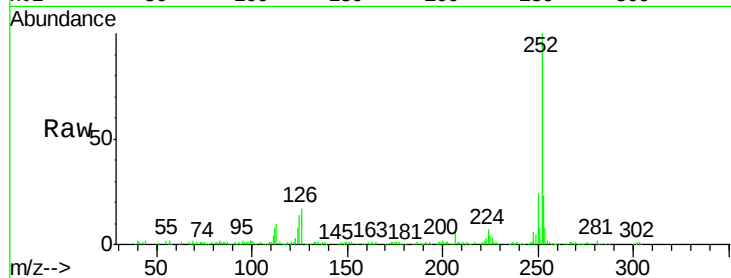
#35
Benzo(b)fluoranthene
Concen: 24.16 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG022036.D
Acq: 23 May 2016 6:47

Instrument :
BNA_G
ClientSampleId :
D9XH8

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.4	7.6	11.4

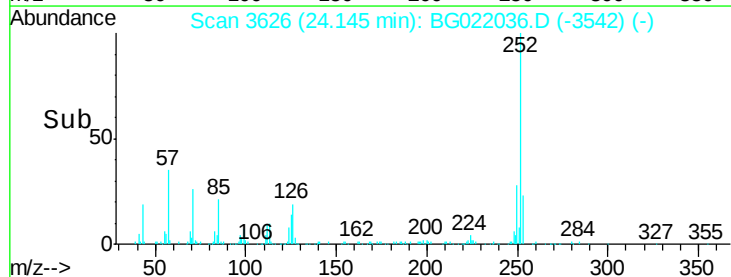
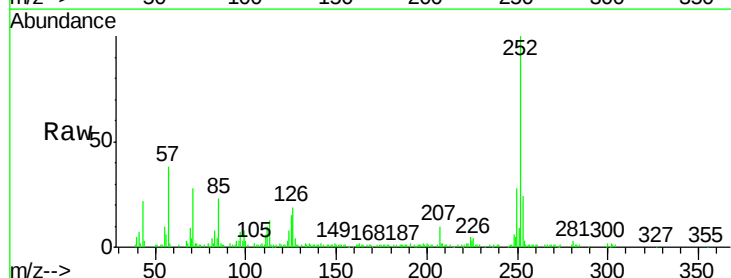
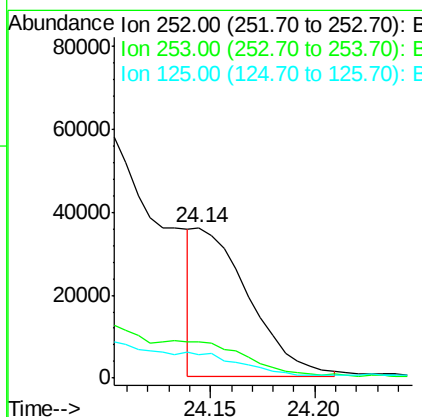
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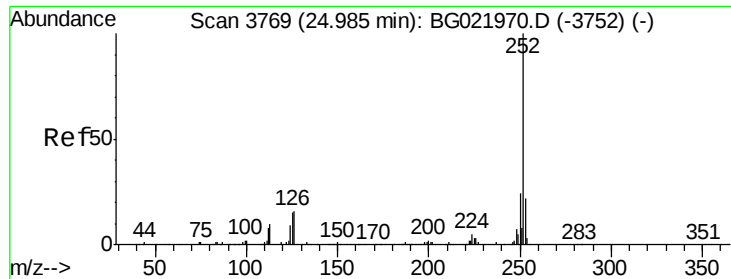
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#36
Benzo(k)fluoranthene
Concen: 6.07 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. -0.01 min
Lab File: BG022036.D
Acq: 23 May 2016 6:47

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.8	26.8
125	15.4	7.7	11.5





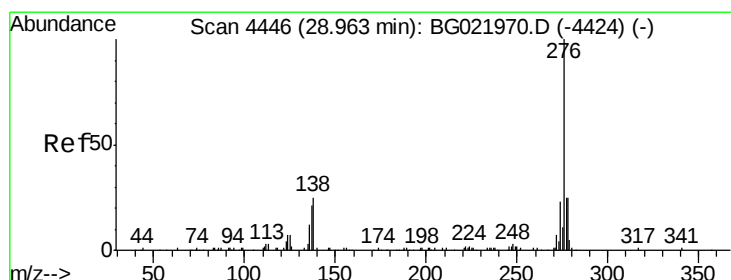
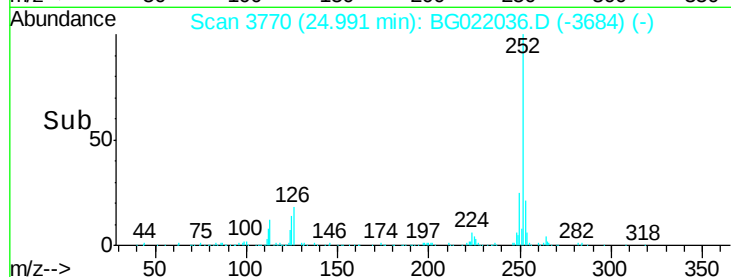
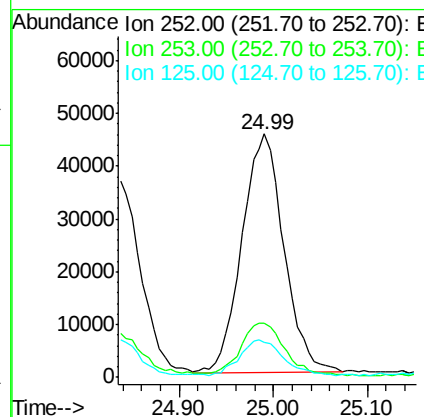
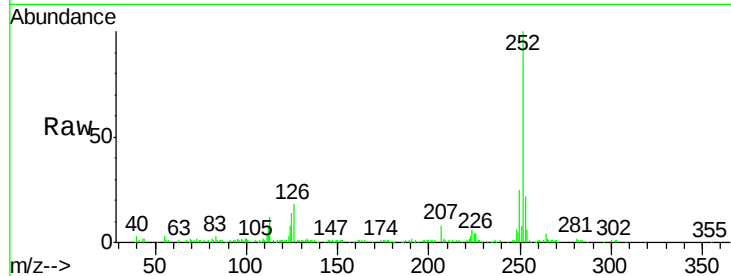
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Benzo(a)pyrene
Concen: 13.54 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.01 min
Lab File: BG022036.D
Acq: 23 May 2016 6:47

Instrument :
BNA_G
ClientSampleId :
D9XH8

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.4	26.0
125	14.5	8.2	12.2

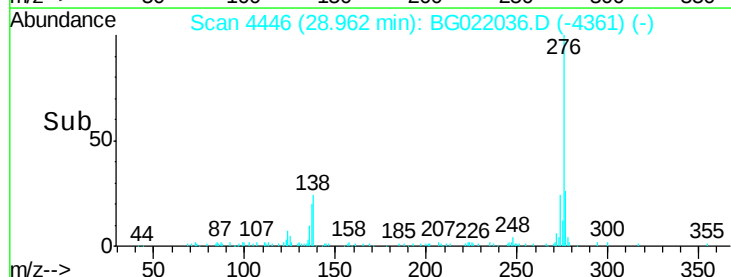
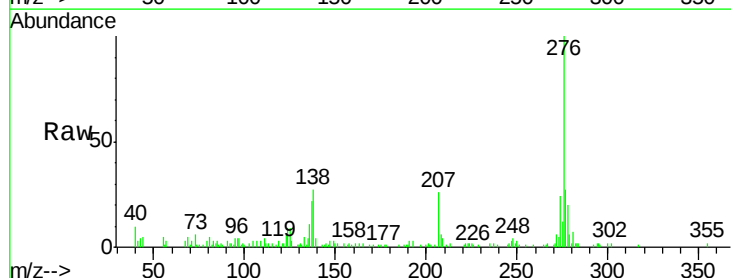
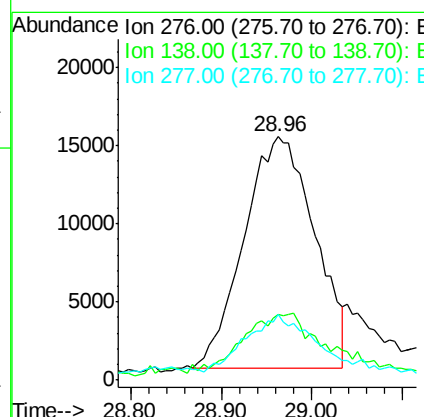
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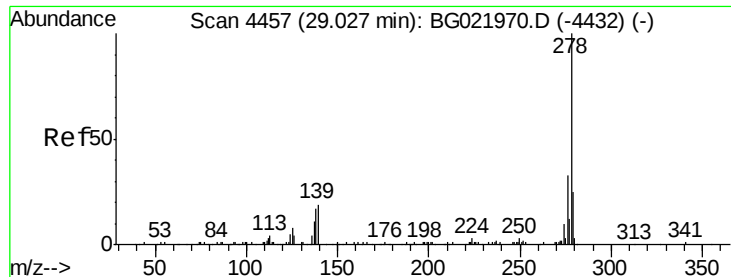
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#39
Indeno(1,2,3-cd)pyrene
Concen: 6.84 ng/ul
RT: 28.96 min Scan# 4446
Delta R.T. -0.00 min
Lab File: BG022036.D
Acq: 23 May 2016 6:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.1	15.8	23.6
277	26.9	19.0	28.6





#40

Dibenzo(a,h)anthracene

Concen: 2.08 ng/ul m

RT: 29.01 min Scan# 4454

Delta R.T. -0.02 min

Lab File: BG022036.D

Acq: 23 May 2016 6:47

Instrument :

BNA_G

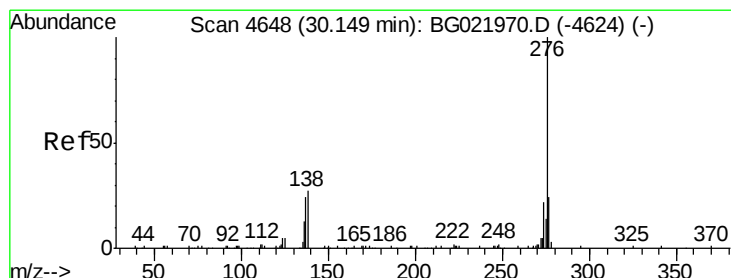
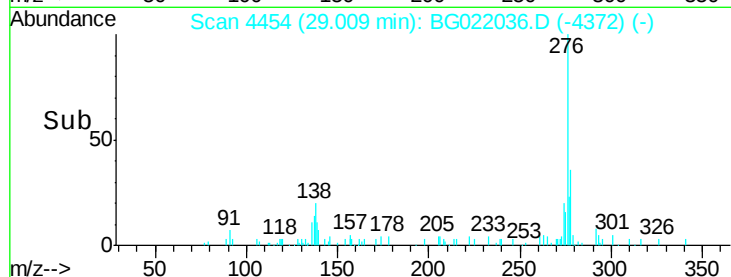
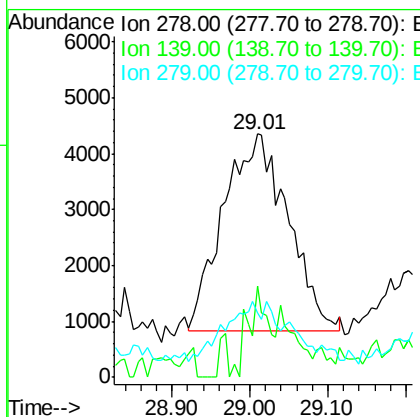
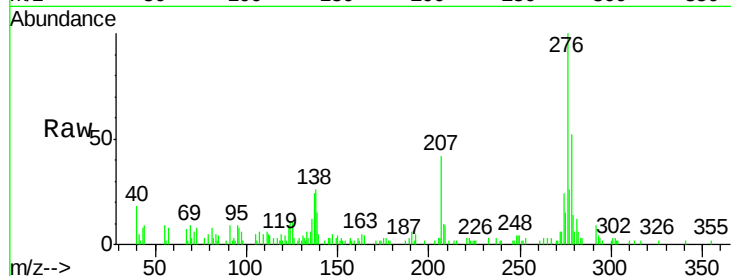
ClientSampleId :

D9XH8

Tgt Ion:	278	Resp:	20182
Ion Ratio	Lower	Upper	
278	100		
139	28.2	12.1	18.1#
279	26.5	19.8	29.8

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#41

Benzo(g,h,i)perylene

Concen: 7.84 ng/ul m

RT: 30.16 min Scan# 4649

Delta R.T. 0.01 min

Lab File: BG022036.D

Acq: 23 May 2016 6:47

Tgt Ion:	276	Resp:	77792
Ion Ratio	Lower	Upper	
276	100		
138	26.5	13.9	20.9#
277	21.7	19.8	29.6

