

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022017.D
 Acq On : 22 May 2016 18:02
 Operator : UM/SJ
 Sample : H3204-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ8

Manual Integrations
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Quant Time: May 24 10:00:06 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	43853	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	222383	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	121146	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	231657	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	205795	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	192078	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1849	1.93	ng/uL	0.00
3) Phenol-d5	7.31	99	95498	24.66	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	53194	25.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	85886	27.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	84120	24.39	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	42484	27.23	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	45851	27.54	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	81222	27.61	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	58763m	25.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	262591	28.11	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	357285	29.70	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19080m	11.61	ng/ul	0.00
21) Fluorene-d10	15.77	176	235015	27.95	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	24415	21.24	ng/ul	0.00
26) Anthracene-d10	17.63	188	322286m	30.20	ng/ul	0.00
30) Pyrene-d10	19.91	212	325187m	29.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	270131	31.67	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	68373	5.52	ng/ul	99
28) Fluoranthene	19.57	202	127289	9.89	ng/ul#	94
31) Pyrene	19.93	202	96622m	6.82	ng/ul	
32) Benzo(a)anthracene	21.79	228	54618	4.78	ng/ul	98
33) Chrysene	21.86	228	52599	4.74	ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	80432	7.28	ng/ul#	94
36) Benzo(k)fluoranthene	24.13	252	29014m	2.67	ng/ul	
38) Benzo(a)pyrene	24.98	252	48244	4.57	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.97	276	36604m	3.05	ng/ul	
41) Benzo(g,h,i)perylene	30.14	276	27417m	2.70	ng/ul	

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

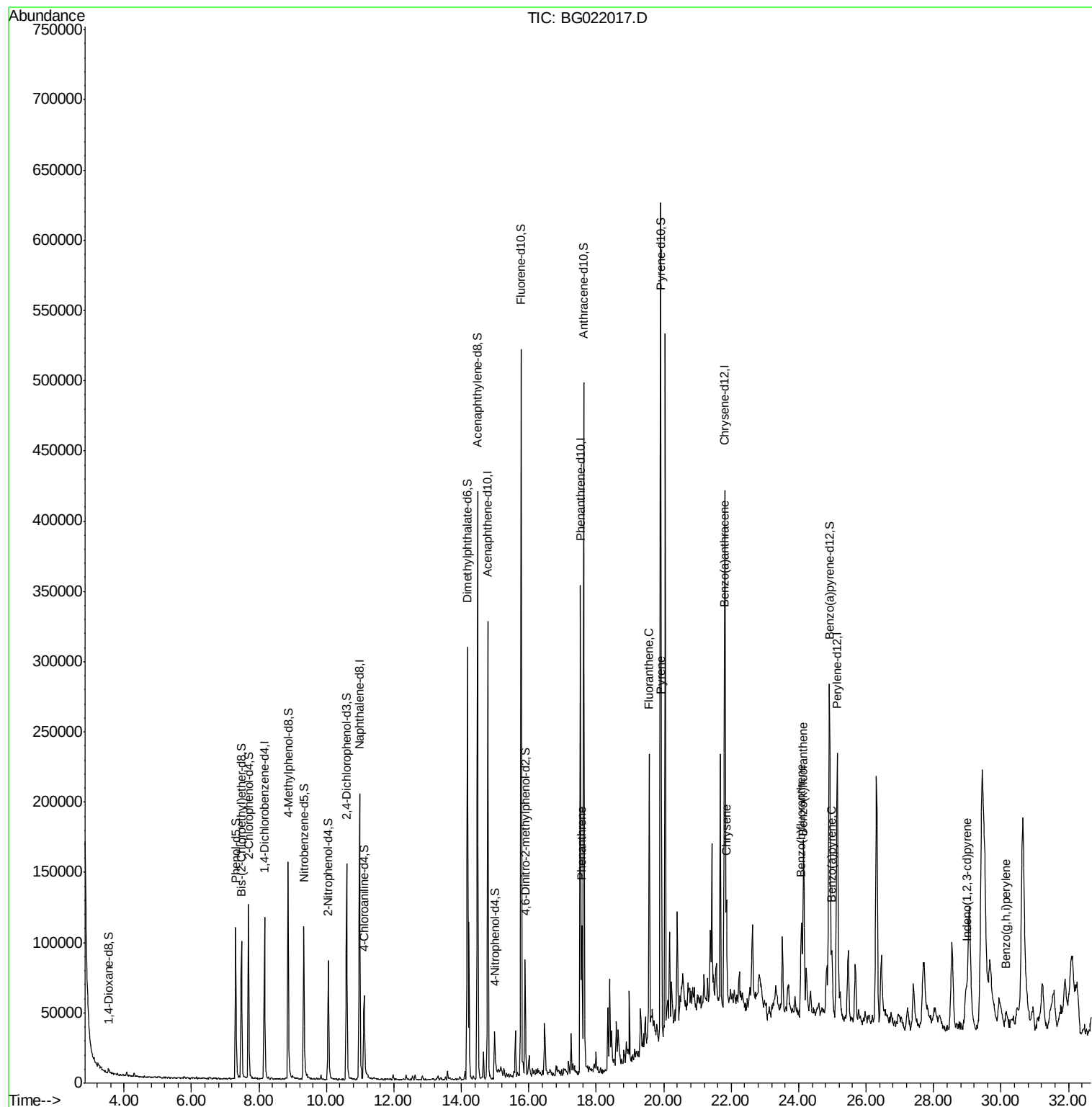
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022017.D
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Operator : UM/SJ
Sample : H3204-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

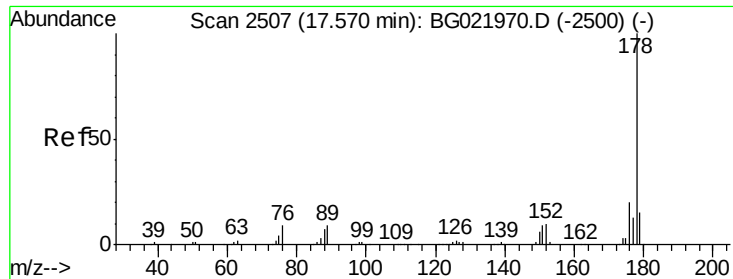
Instrument :
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Quant Time: May 24 10:00:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 5.52 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02

Instrument :

BNA_G

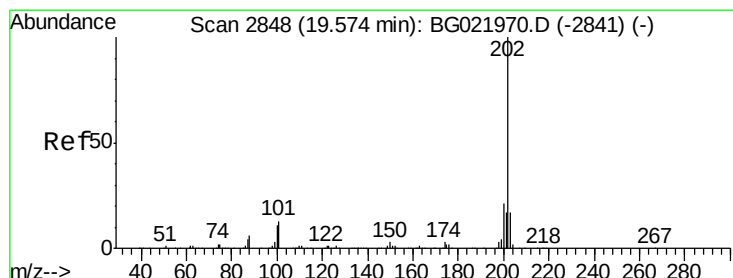
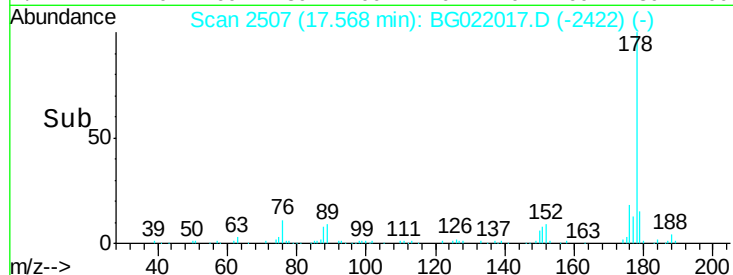
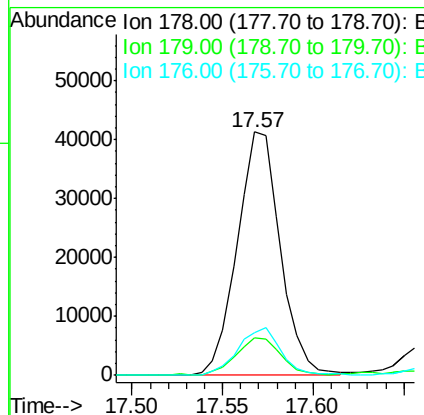
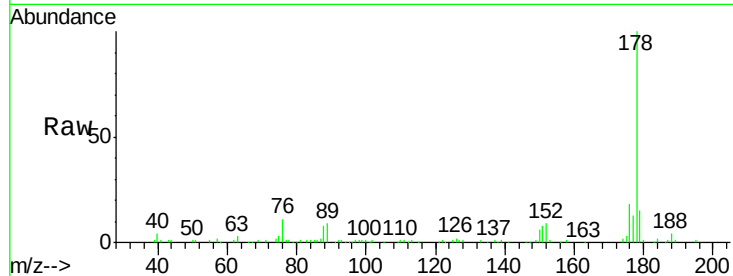
ClientSampled :

D9XJ8

Tgt Ion:	178	Resp:	68373
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.8
176	17.7	14.8	22.2

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#28

Fluoranthene

Concen: 9.89 ng/ul

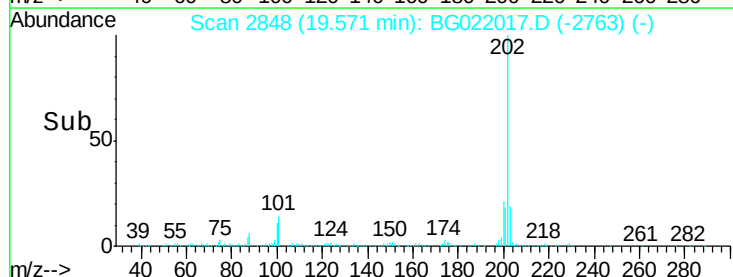
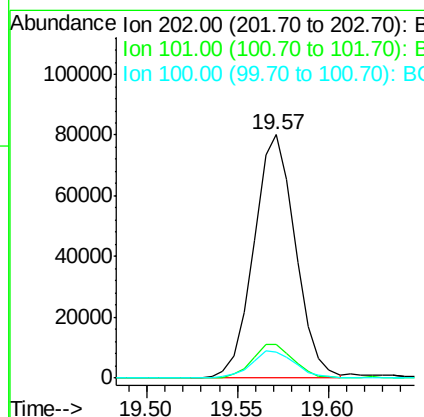
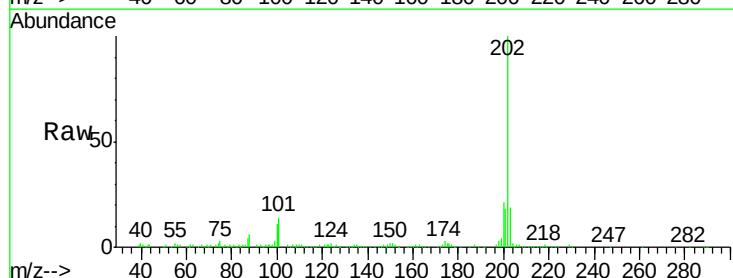
RT: 19.57 min Scan# 2848

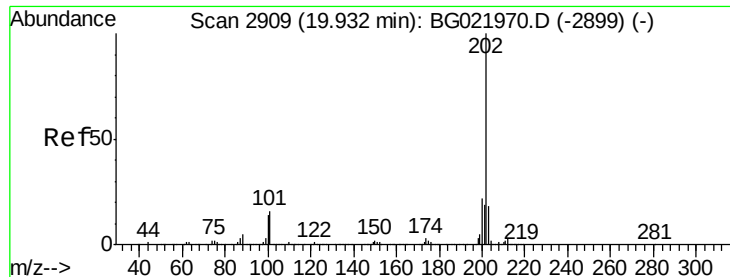
Delta R.T. -0.00 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02

Tgt Ion:	202	Resp:	127289
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.9	13.3#
100	10.7	7.0	10.4#





#31

Pyrene

Concen: 6.82 ng/ul m

RT: 19.93 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02

Instrument :

BNA_G

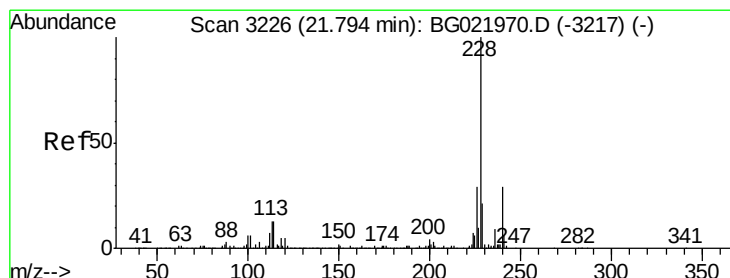
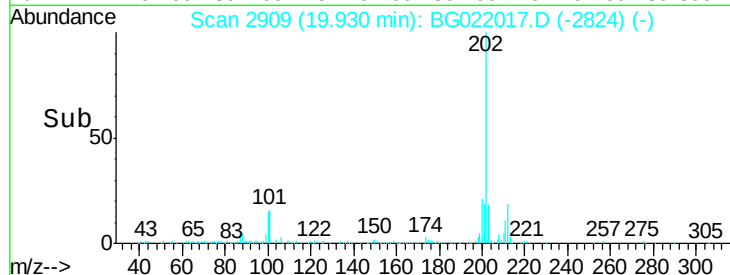
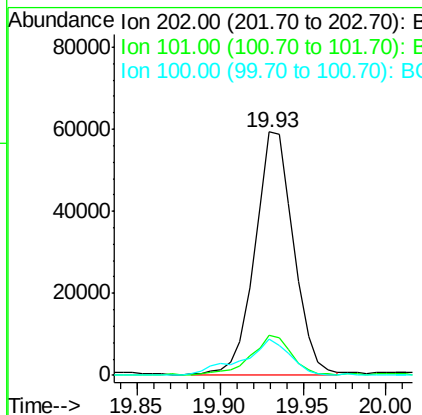
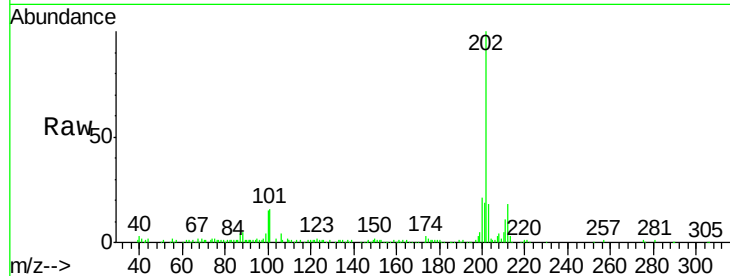
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	96622		
101	16.2	9.8	14.8#	
100	14.9	9.3	13.9#	

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#32

Benzo(a)anthracene

Concen: 4.78 ng/ul

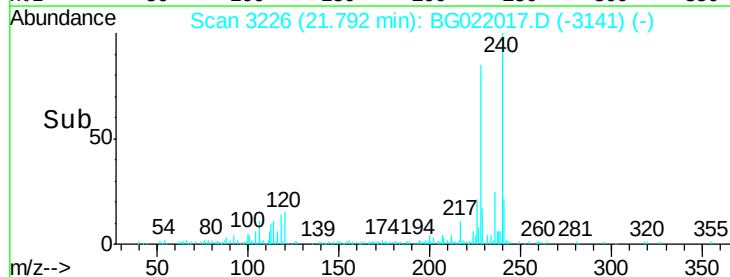
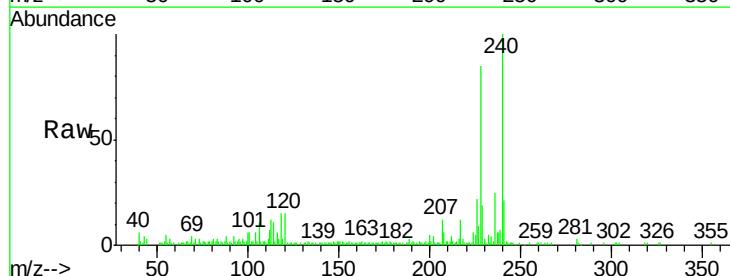
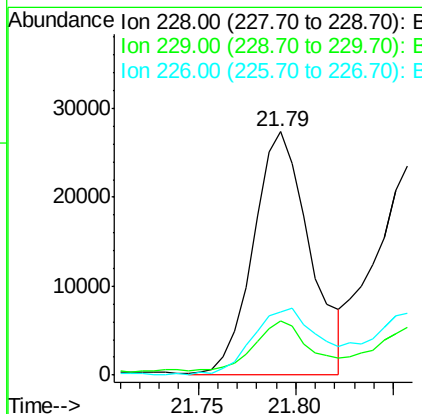
RT: 21.79 min Scan# 3226

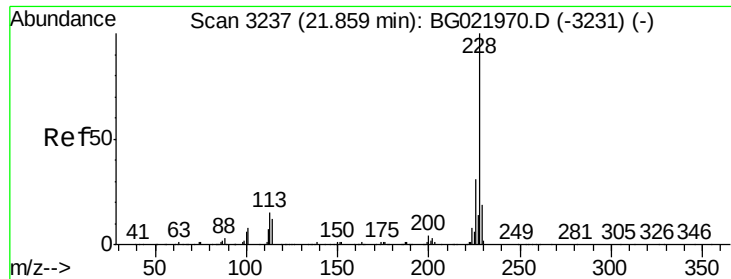
Delta R.T. -0.00 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	54618		
229	22.2	16.6	25.0	
226	25.8	21.0	31.4	





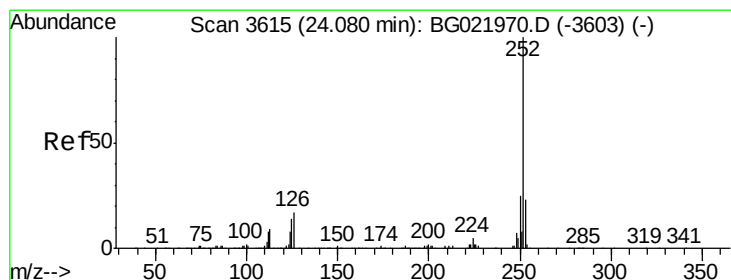
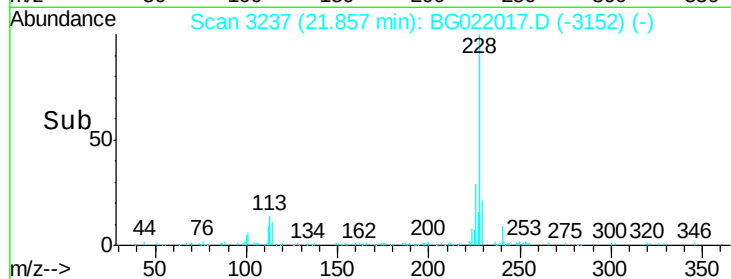
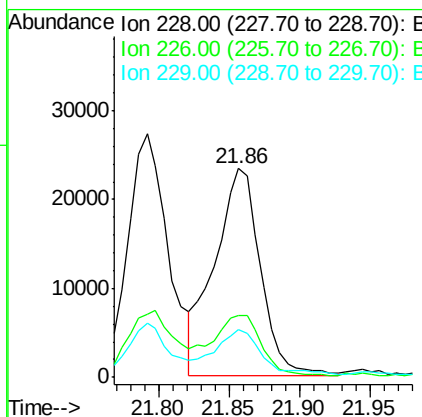
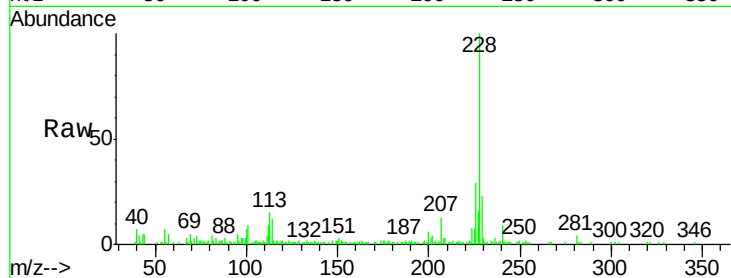
#33
Chrysene
Concen: 4.74 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022017.D
Acq: 22 May 2016 18:02

Instrument :
BNA_G
ClientSampleId :
D9XJ8

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	52599		
226	29.5		23.4	35.2
229	23.1		16.2	24.2

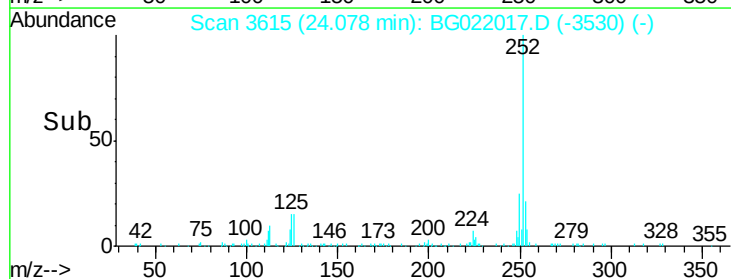
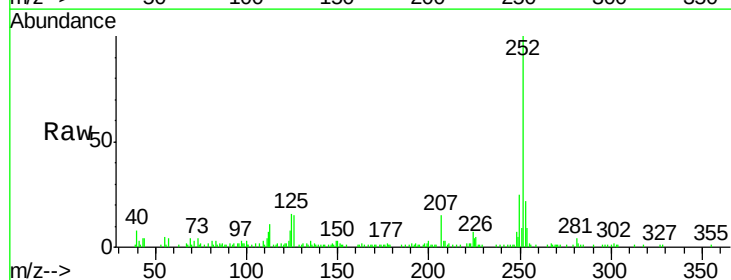
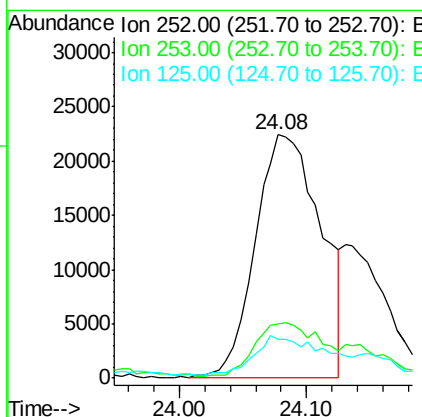
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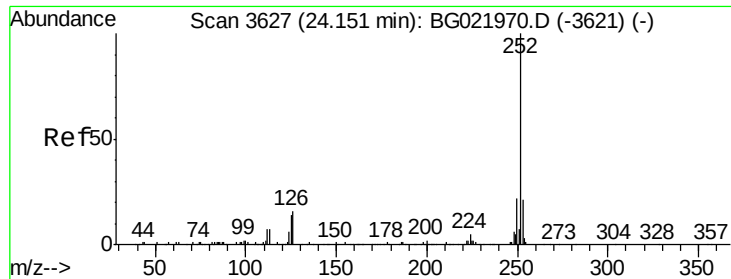
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#35
Benzo(b)fluoranthene
Concen: 7.28 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG022017.D
Acq: 22 May 2016 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	80432		
253	22.1		18.1	27.1
125	15.9		7.6	11.4#





#36

Benzo(k)fluoranthene

Concen: 2.67 ng/ul m

RT: 24.13 min Scan# 3624

Delta R.T. -0.02 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02

Instrument :

BNA_G

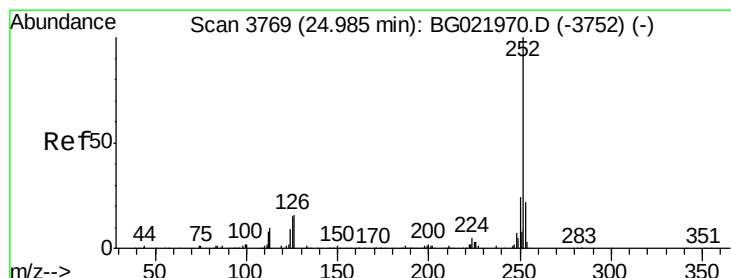
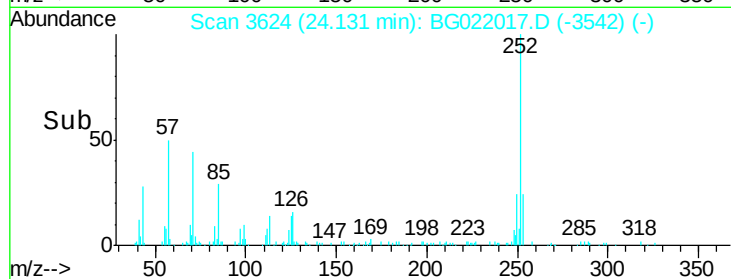
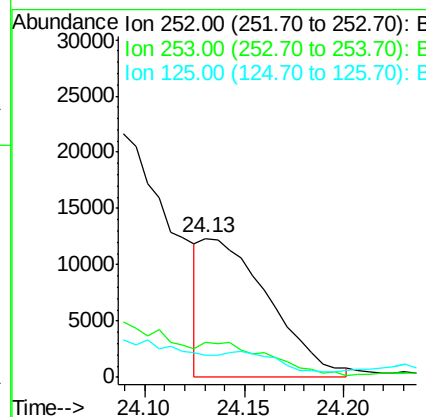
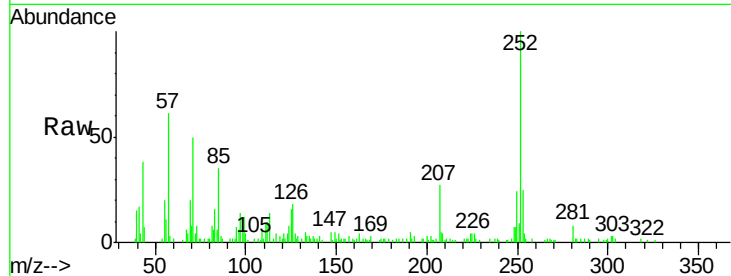
ClientSampleId :

D9XJ8

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	29014		
253	25.4	17.8	26.8	
125	16.1	7.7	11.5#	

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#38

Benzo(a)pyrene

Concen: 4.57 ng/ul

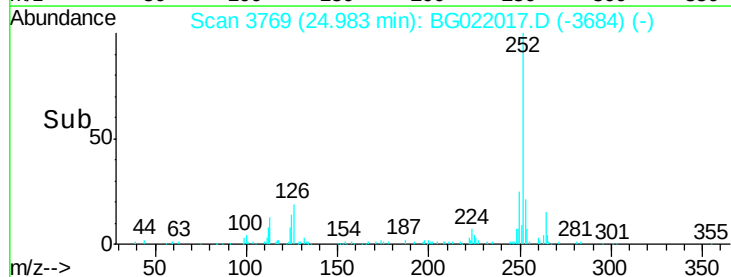
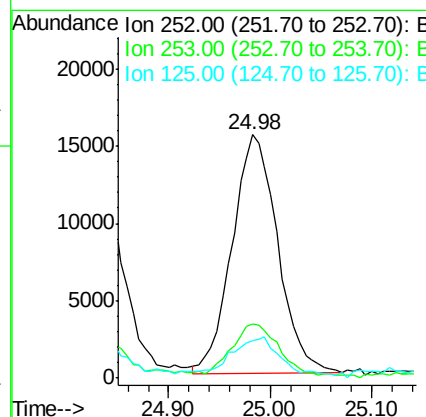
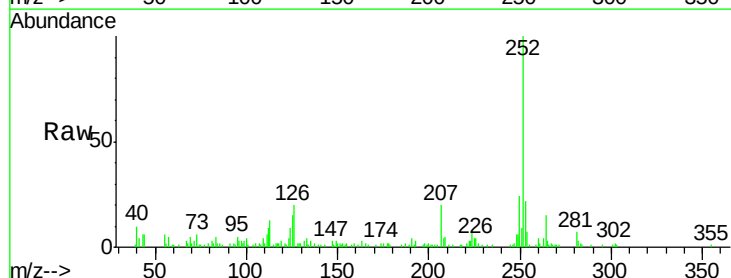
RT: 24.98 min Scan# 3769

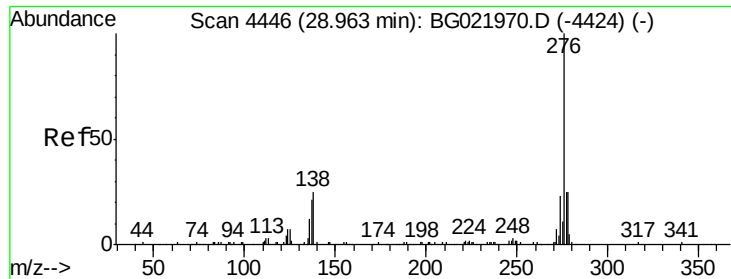
Delta R.T. -0.00 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	48244		
253	22.4	17.4	26.0	
125	15.2	8.2	12.2#	





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.05 ng/ul m

RT: 28.97 min Scan# 4448

Delta R.T. 0.01 min

Lab File: BG022017.D

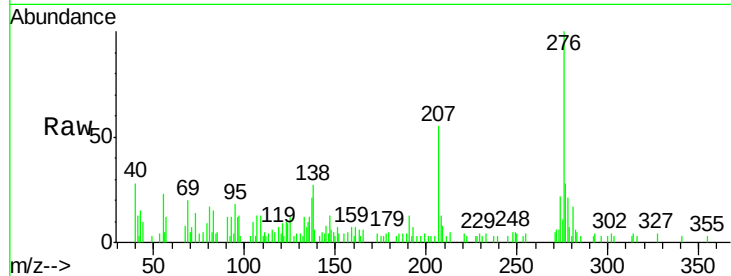
Acq: 22 May 2016 18:02

Instrument :

BNA_G

ClientSampleId :

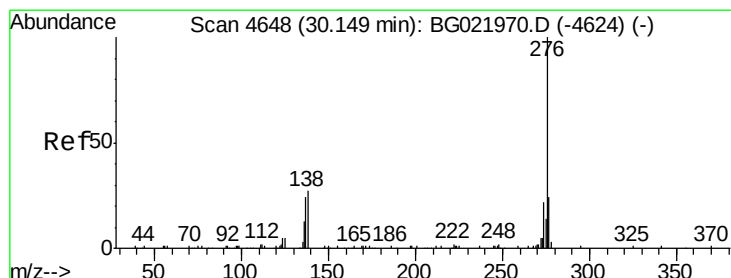
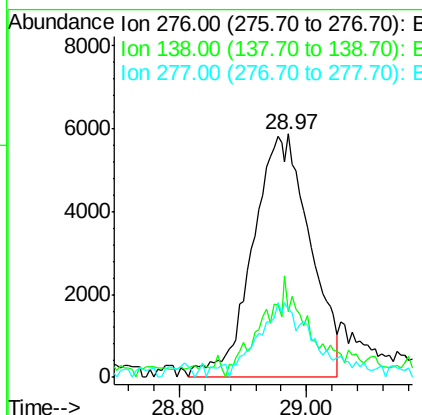
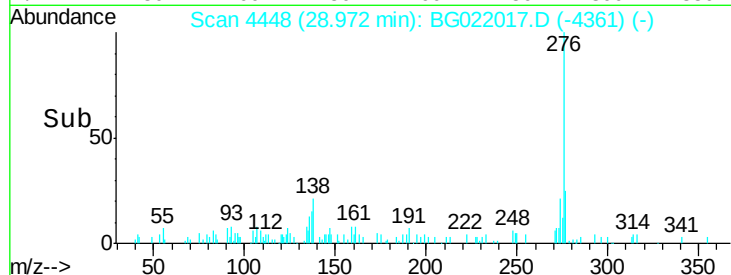
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	36604		
138	26.9	15.8	23.6#	
277	28.0	19.0	28.6	

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#41

Benzo(g,h,i)perylene

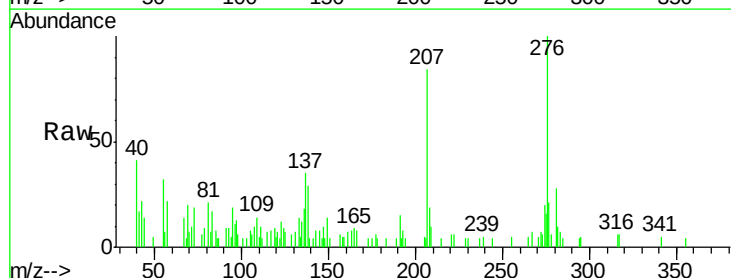
Concen: 2.70 ng/ul m

RT: 30.14 min Scan# 4647

Delta R.T. -0.01 min

Lab File: BG022017.D

Acq: 22 May 2016 18:02



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	27417		
138	29.5	13.9	20.9#	
277	21.3	19.8	29.6	

