

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022035.D
 Acq On : 23 May 2016 6:07
 Operator : UM/SJ
 Sample : H3203-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH7

Manual Integrations
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 5/24/2016 7:33:46 PM

Quant Time: May 24 13:24:20 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	45701	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	233235	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	126780	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	236382	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	209527	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	193378	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1035	1.04	ng/uL	0.00
3) Phenol-d5	7.31	99	56103	13.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	27496	12.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	47003	14.19	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	46595	12.96	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	24265	14.83	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	25759	14.75	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	46633	15.11	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	34897	14.36	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	150700	15.42	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	204549	16.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	15939m	9.27	ng/ul	0.00
21) Fluorene-d10	15.77	176	134178	15.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12684	10.81	ng/ul	0.00
26) Anthracene-d10	17.63	188	176430	16.20	ng/ul	0.00
30) Pyrene-d10	19.91	212	180961	16.37	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	150801	17.56	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	193581	15.32	ng/ul	98
27) Anthracene	17.66	178	32460	2.56	ng/ul	96
28) Fluoranthene	19.57	202	450797	34.33	ng/ul#	92
31) Pyrene	19.94	202	347119m	24.06	ng/ul	
32) Benzo(a)anthracene	21.79	228	192138	16.53	ng/ul	94
33) Chrysene	21.86	228	194511	17.20	ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	294229	26.47	ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	81342m	7.44	ng/ul	
38) Benzo(a)pyrene	24.99	252	172978	16.27	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.98	276	100783m	8.34	ng/ul	
40) Dibenzo(a,h)anthracene	29.00	278	26124m	2.61	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	84761m	8.29	ng/ul	

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

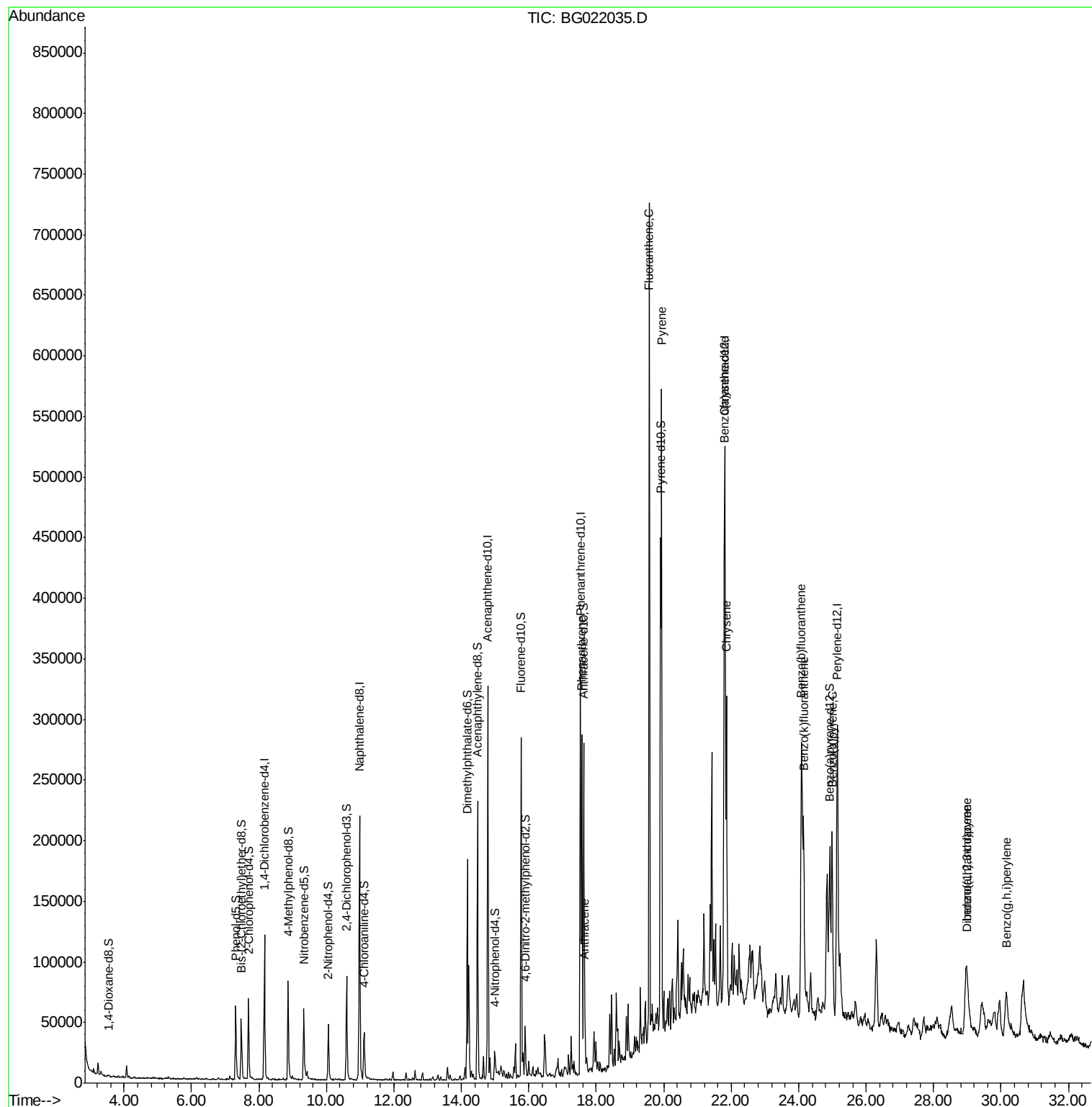
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022035.D
Acq On : 23 May 2016 6:07
Operator : UM/SJ
Sample : H3203-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

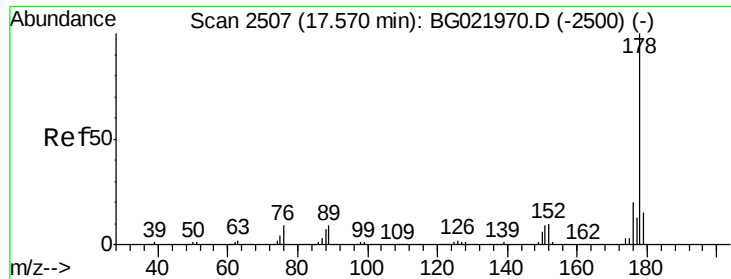
Instrument :
BNA_G
ClientSampled :
D9XH7

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Quant Time: May 24 13:24:20 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: 15.32 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG022035.D

Acq: 23 May 2016 6:07

Instrument :

BNA_G

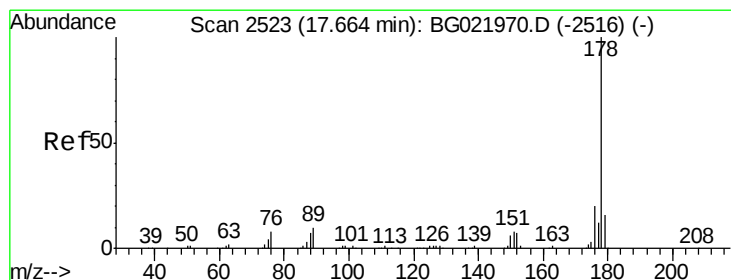
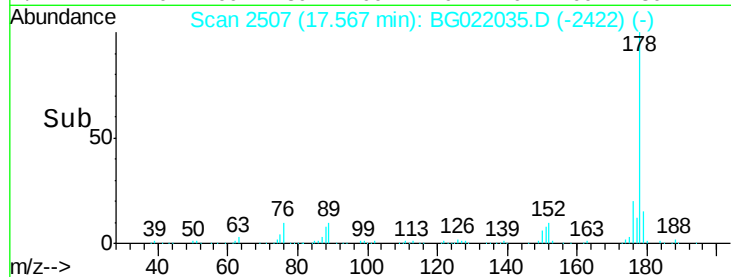
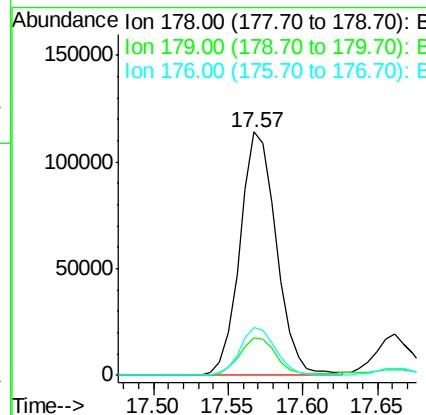
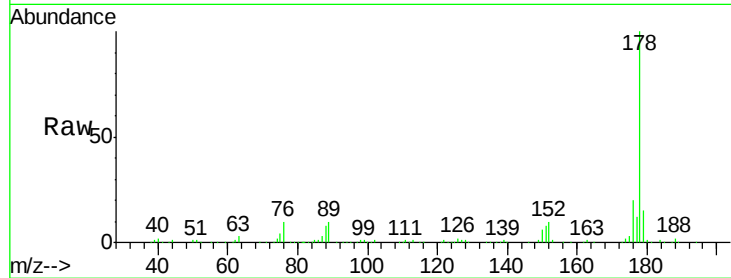
ClientSampleId :

D9XH7

Tgt Ion:	178	Resp:	193581
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.8
176	19.8	14.8	22.2

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#27

Anthracene

Concen: 2.56 ng/ul

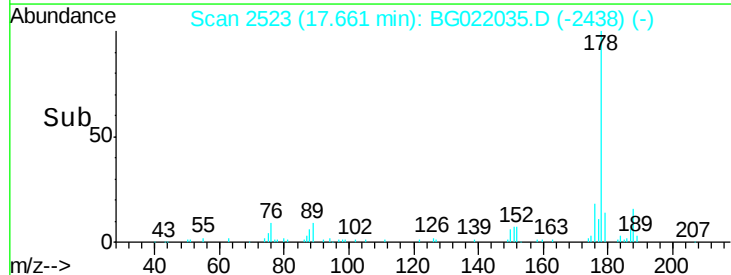
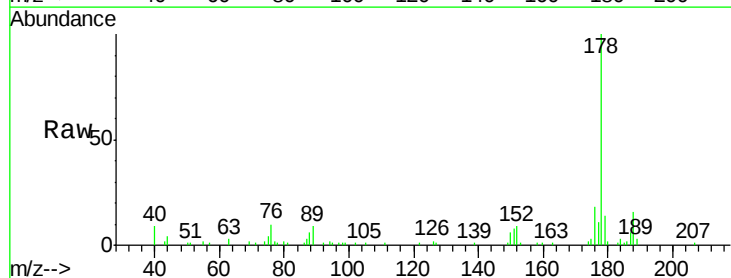
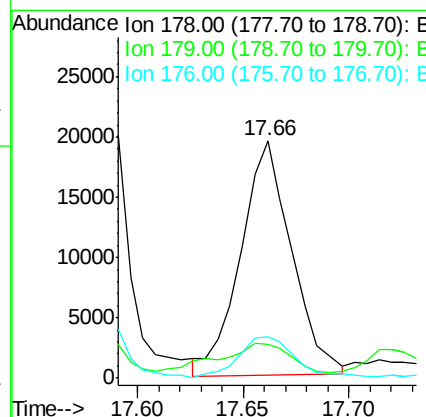
RT: 17.66 min Scan# 2523

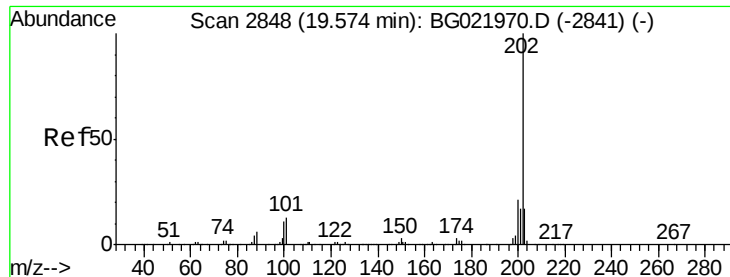
Delta R.T. -0.00 min

Lab File: BG022035.D

Acq: 23 May 2016 6:07

Tgt Ion:	178	Resp:	32460
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.9	19.3
176	17.7	15.6	23.4





#28

Fluoranthene

Concen: 34.33 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG022035.D

Acq: 23 May 2016 6:07

Instrument :

BNA_G

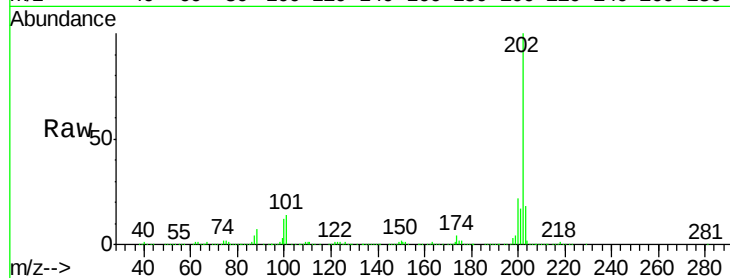
ClientSampleId :

D9XH7

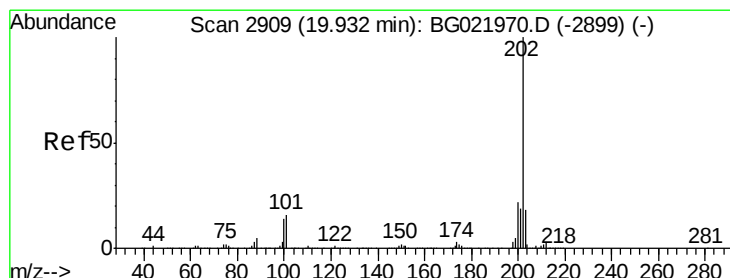
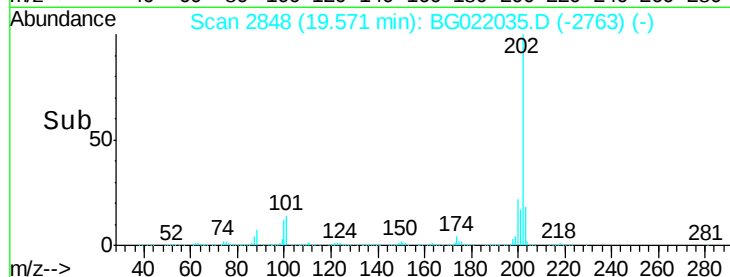
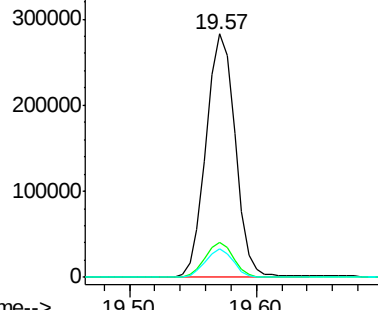
Tgt	Ion:202	Resp:	450797
Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.9	13.3#
100	11.7	7.0	10.4#

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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): B



#31

Pyrene

Concen: 24.06 ng/ul m

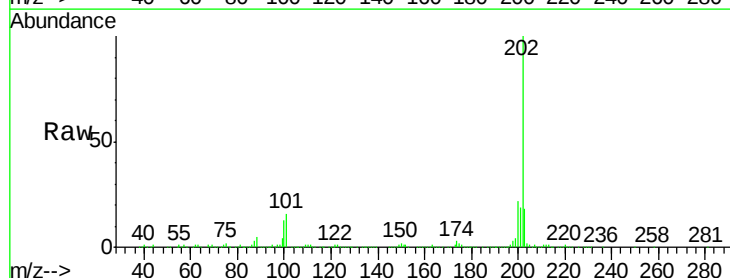
RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

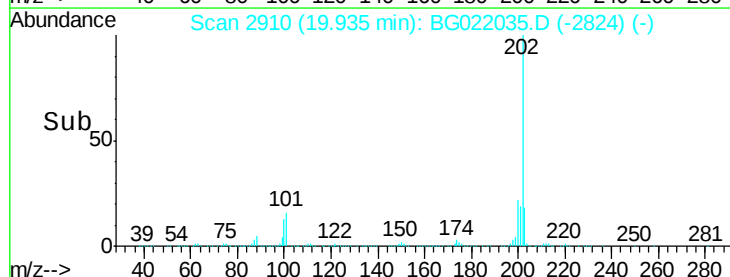
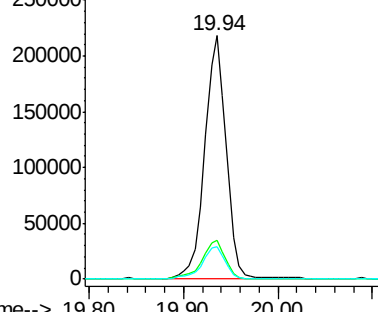
Lab File: BG022035.D

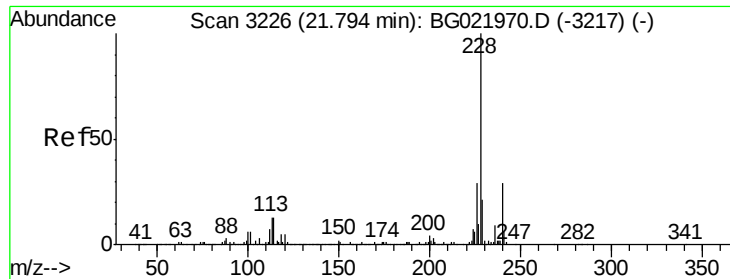
Acq: 23 May 2016 6:07

Tgt	Ion:202	Resp:	347119
Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.8	14.8#
100	13.2	9.3	13.9



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): B





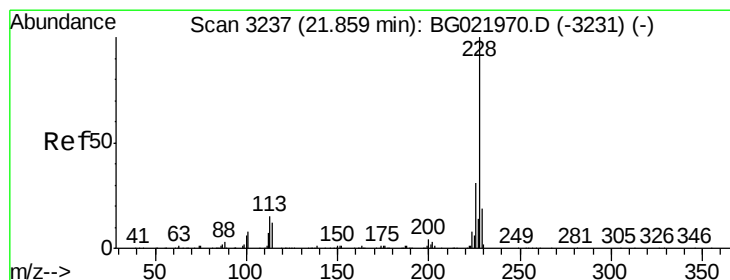
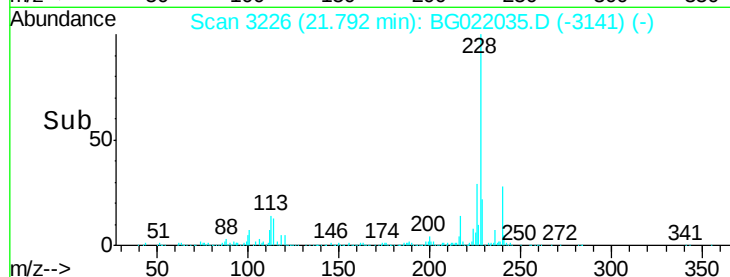
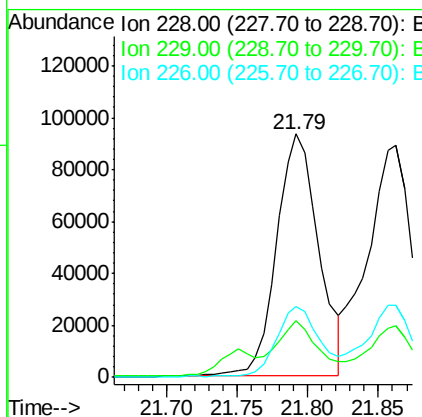
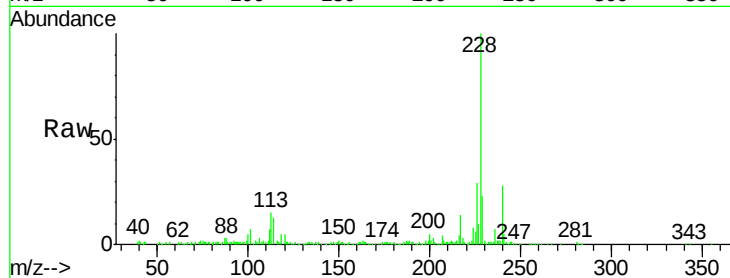
#32
Benzo(a)anthracene
Concen: 16.53 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG022035.D
Acq: 23 May 2016 6:07

Instrument :
BNA_G
ClientSampleId :
D9XH7

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	192138		
229	23.3	16.6	25.0	
226	29.4	21.0	31.4	

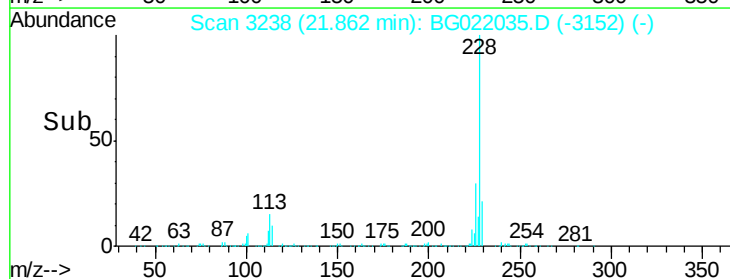
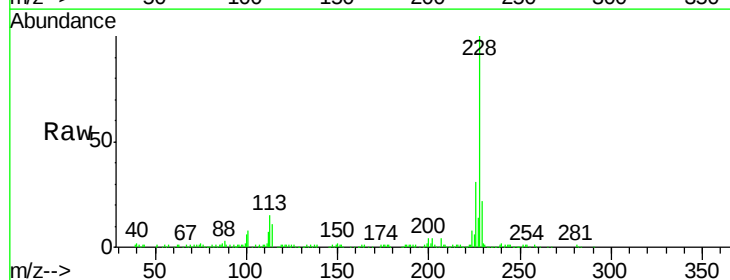
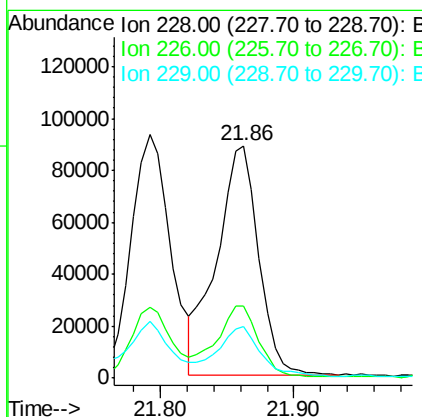
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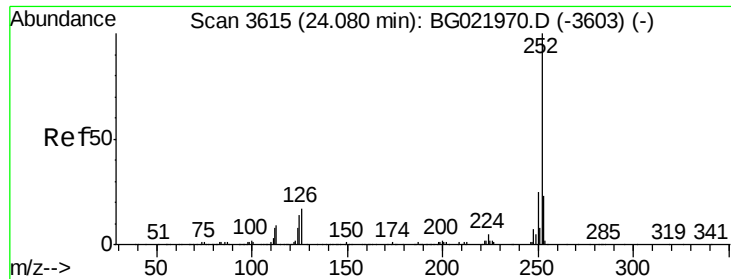
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#33
Chrysene
Concen: 17.20 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG022035.D
Acq: 23 May 2016 6:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	194511		
226	30.8	23.4	35.2	
229	22.4	16.2	24.2	





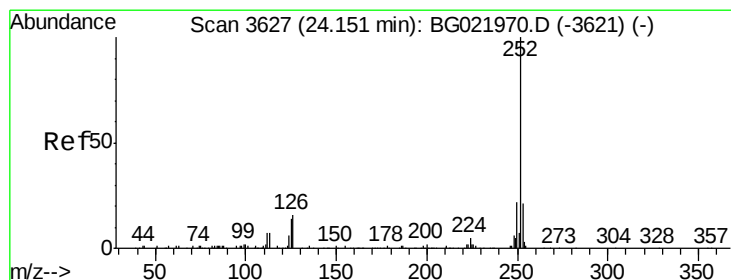
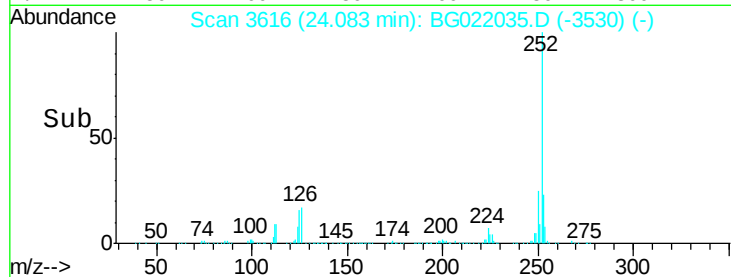
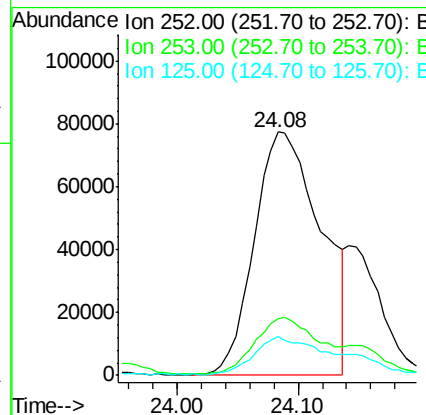
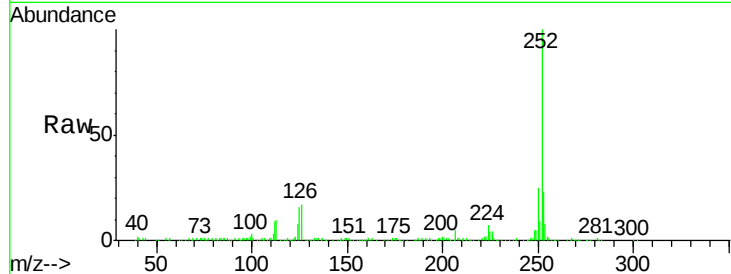
#35
Benzo(b)fluoranthene
Concen: 26.47 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022035.D
Acq: 23 May 2016 6:07

Instrument :
BNA_G
ClientSampleId :
D9XH7

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.1	27.1
125	16.1	7.6	11.4

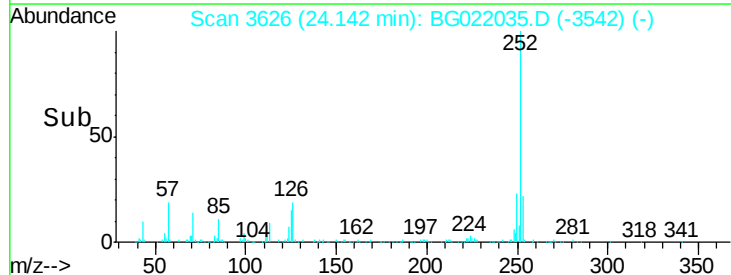
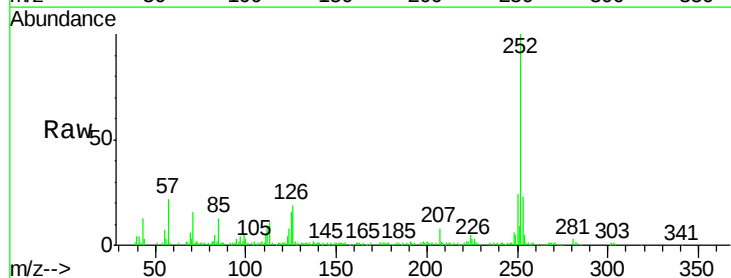
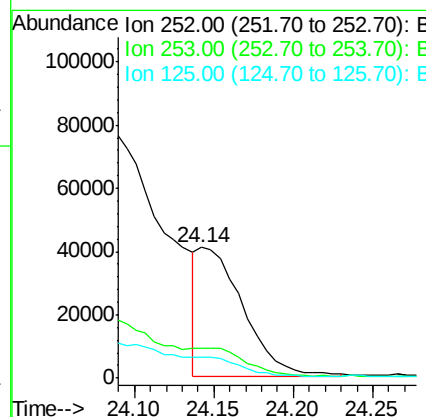
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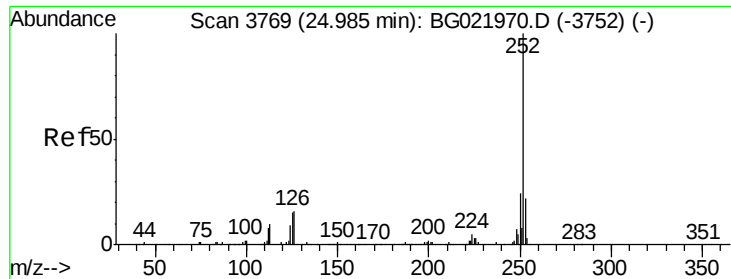
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#36
Benzo(k)fluoranthene
Concen: 7.44 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. -0.01 min
Lab File: BG022035.D
Acq: 23 May 2016 6:07

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.8	26.8
125	15.7	7.7	11.5





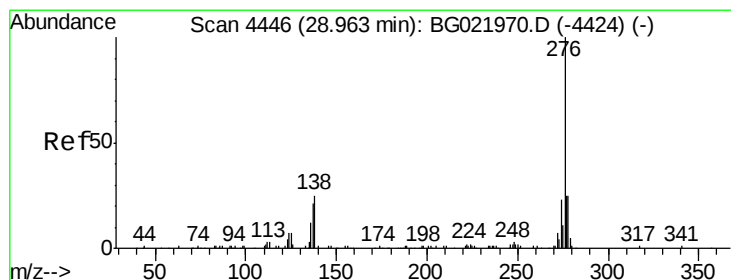
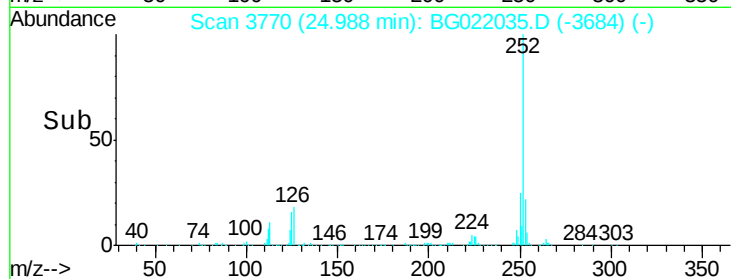
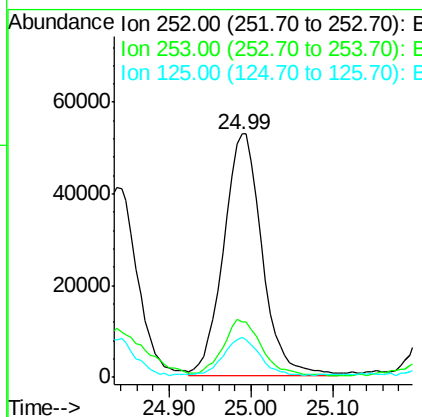
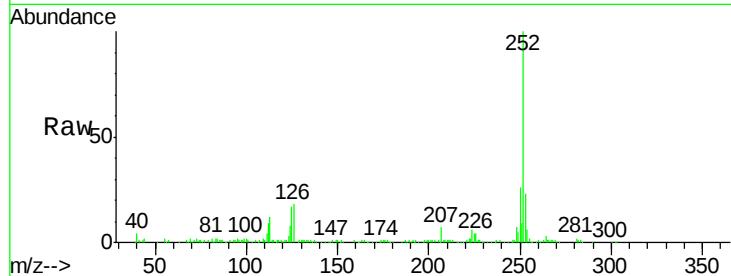
#38
Benzo(a)pyrene
Concen: 16.27 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. 0.00 min
Lab File: BG022035.D
Acq: 23 May 2016 6:07

Instrument :
BNA_G
ClientSampleId :
D9XH7

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.4	26.0
125	16.6	8.2	12.2

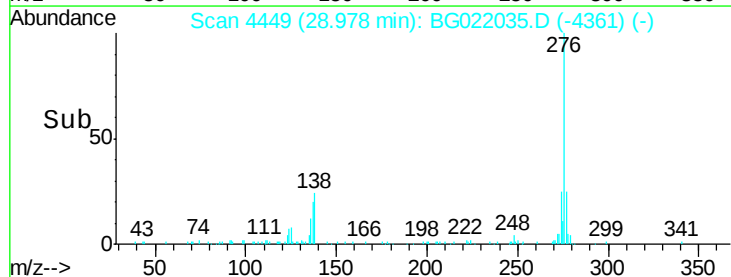
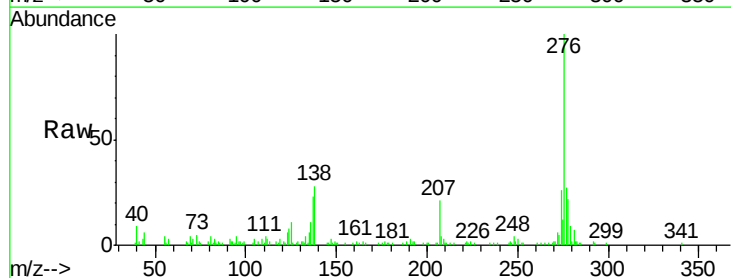
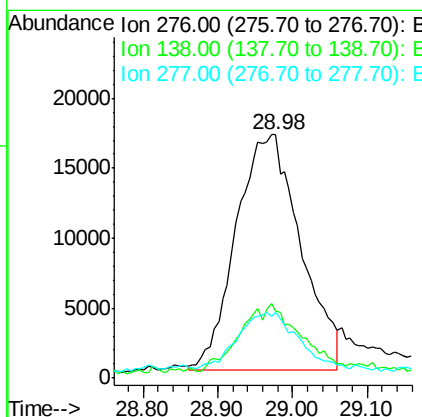
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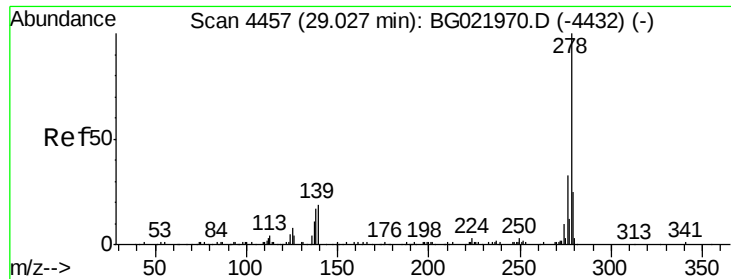
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#39
Indeno(1,2,3-cd)pyrene
Concen: 8.34 ng/ul m
RT: 28.98 min Scan# 4449
Delta R.T. 0.02 min
Lab File: BG022035.D
Acq: 23 May 2016 6:07

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.8	15.8	23.6
277	27.2	19.0	28.6





#40

Dibenzo(a,h)anthracene

Concen: 2.61 ng/ul m

RT: 29.00 min Scan# 4453

Delta R.T. -0.03 min

Lab File: BG022035.D

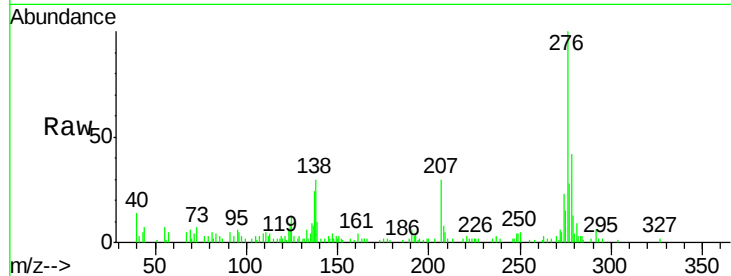
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Instrument :

BNA_G

ClientSampleId :

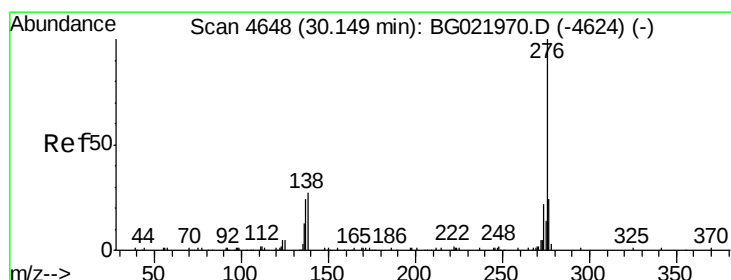
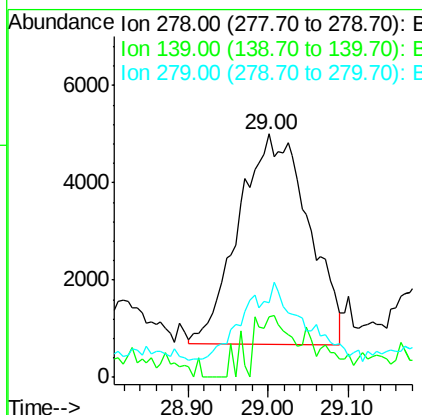
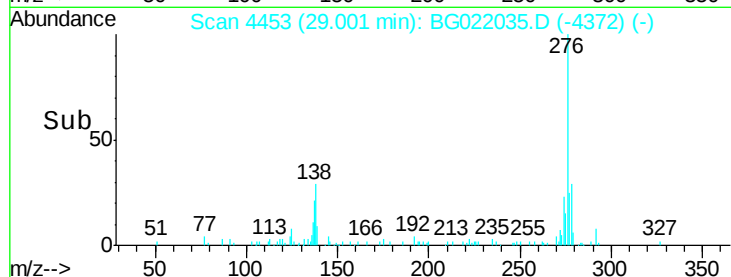
D9XH7



Tgt Ion:	278	Resp:	26124
Ion Ratio	Lower	Upper	
278	100		
139	24.7	12.1	18.1#
279	30.9	19.8	29.8#

Manual Integrations
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#41

Benzo(g,h,i)perylene

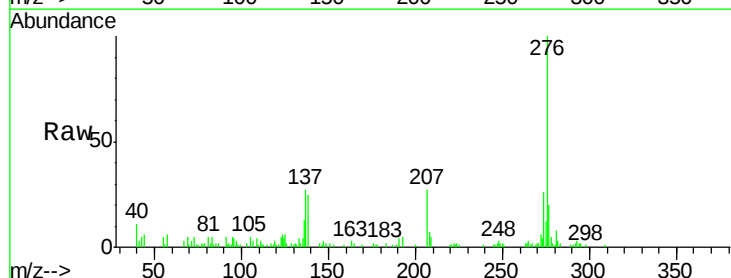
Concen: 8.29 ng/ul m

RT: 30.15 min Scan# 4649

Delta R.T. 0.00 min

Lab File: BG022035.D

Acq: 23 May 2016 6:07



Tgt Ion:	276	Resp:	84761
Ion Ratio	Lower	Upper	
276	100		
138	25.2	13.9	20.9#
277	20.1	19.8	29.6

