

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021941.D
 Acq On : 18 May 2016 20:36
 Operator : UM/SJ
 Sample : H3092-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC3

Manual Integrations
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Quant Time: May 19 03:30:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	29470	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	160860	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	98683	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	214671	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	191199	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	177408	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1754	2.73	ng/uL	0.00
3) Phenol-d5	7.31	99	31849	12.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	20156	14.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	31338	14.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	22733	9.81	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	16663	14.76	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	17204	14.29	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	28896	13.58	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	28182	16.81	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	120344	15.82	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	160033	16.33	ng/ul	0.00
20) 4-Nitrophenol-d4	15.01	143	8054m	6.02	ng/ul	0.03
21) Fluorene-d10	15.77	176	110572	16.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	10667	10.01	ng/ul	0.00
26) Anthracene-d10	17.63	188	164873	16.67	ng/ul	0.00
30) Pyrene-d10	19.90	212	177385	17.58	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	137629	17.47	ng/ul	0.00

Target Compounds

					Ovalue	
25) Phenanthrene	17.57	178	20349	1.77	ng/ul	98
28) Fluoranthene	19.57	202	43631	3.66	ng/ul#	94
31) Pyrene	19.93	202	40582m	3.08	ng/ul	
32) Benzo(a)anthracene	21.79	228	23091	2.18	ng/ul#	92
33) Chrysene	21.86	228	24731	2.40	ng/ul#	86
35) Benzo(b)fluoranthene	24.08	252	33246	3.26	ng/ul#	91
36) Benzo(k)fluoranthene	24.13	252	11792m	1.18	ng/ul	
38) Benzo(a)pyrene	24.98	252	23055	2.36	ng/ul#	87
39) Indeno(1,2,3-cd)pyrene	28.93	276	17304m	1.56	ng/ul	
41) Benzo(g,h,i)perylene	30.12	276	13460m	1.44	ng/ul	

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

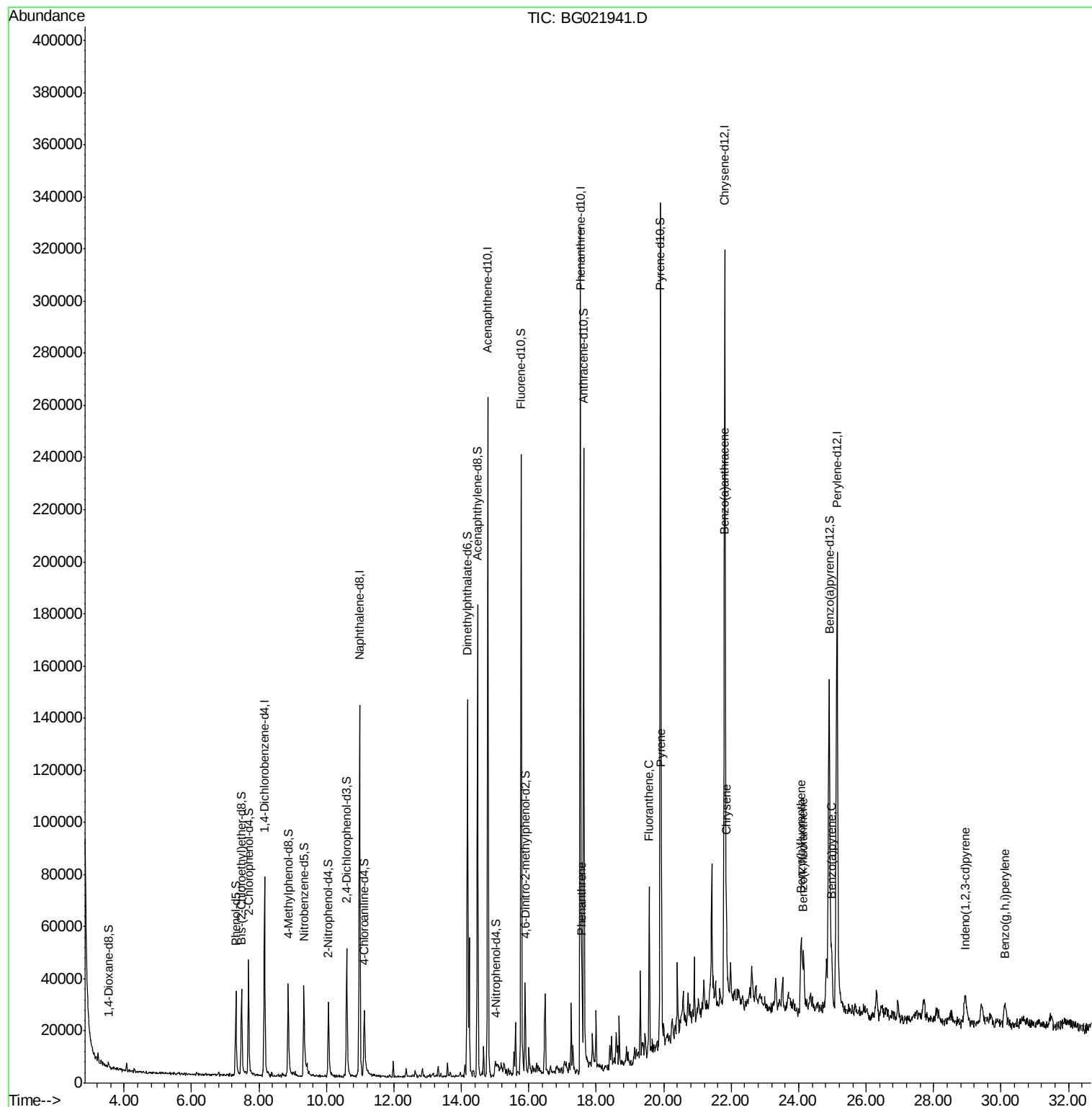
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
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ALS Vial : 8 Sample Multiplier: 1

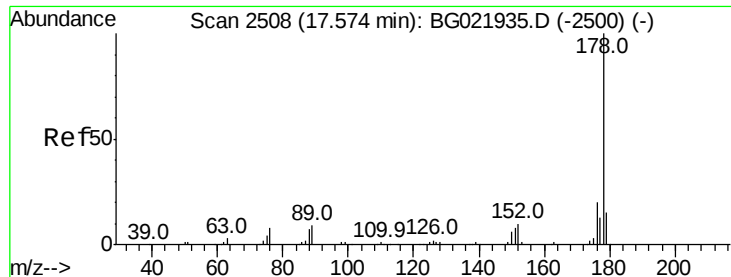
Instrument :
BNA_G
ClientSampleID :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:03:18 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.77 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Instrument :

BNA_G

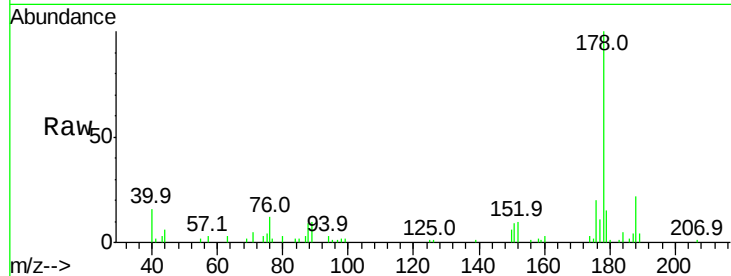
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D9XC3

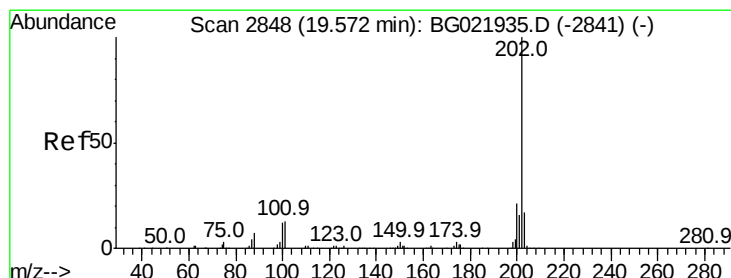
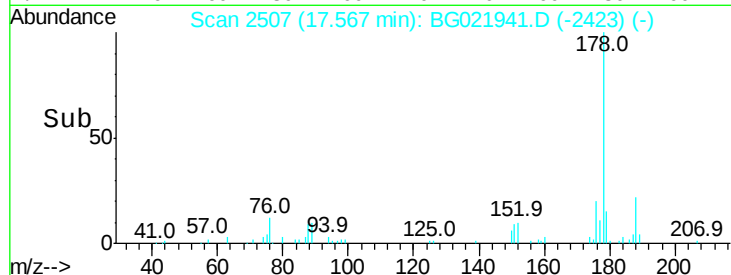
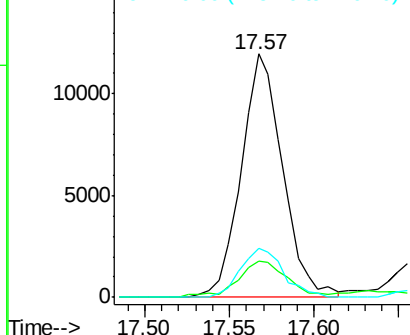
Tot Ion:	178	Resp:	20349
Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	20.4	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 3.66 ng/ul

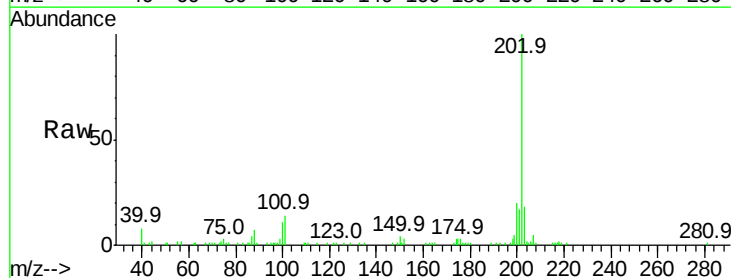
RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

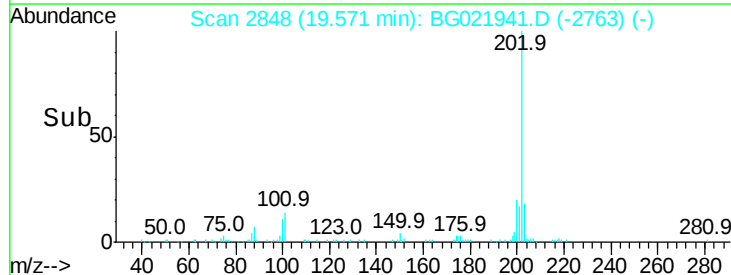
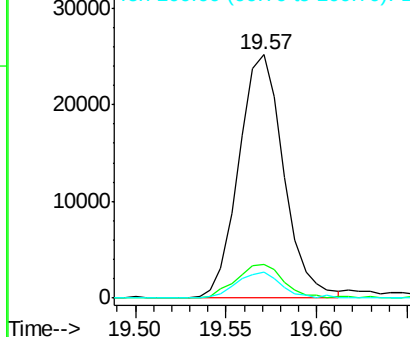
Lab File: BG021941.D

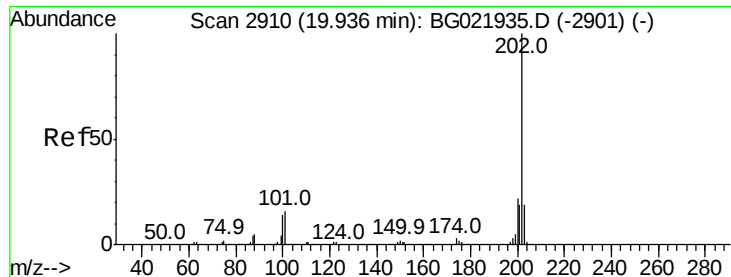
Acq: 18 May 2016 20:36

Tgt Ion:	202	Resp:	43631
Ion	Ratio	Lower	Upper
202	100		
101	13.7	8.9	13.3#
100	10.6	7.0	10.4#



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

Pvrene

Concen: 3.08 ng/ul m

RT: 19.93 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Instrument :

BNA_G

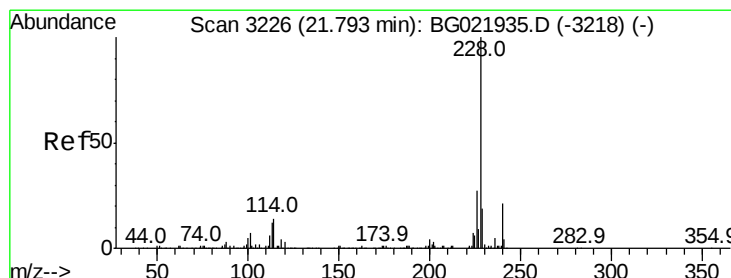
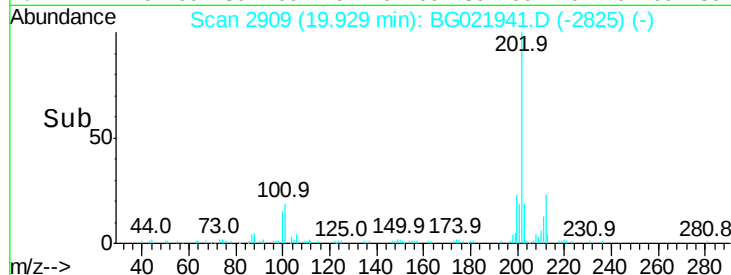
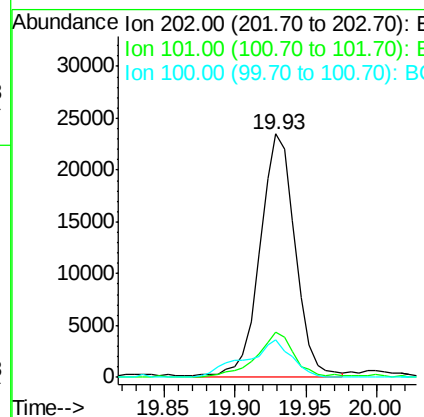
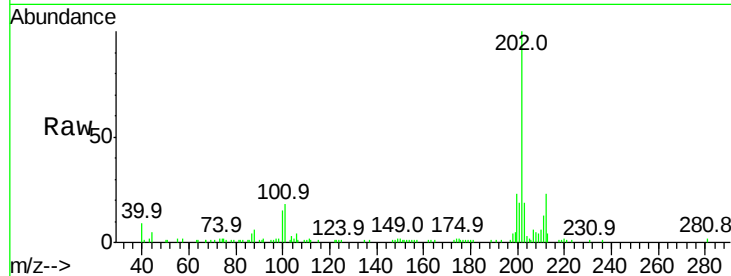
ClientSampleId :

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Tot Ion:	202	Resp:	40582
Ion Ratio	Lower	Upper	
202	100		
101	18.4	9.8	14.8#
100	15.2	9.3	13.9#

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#32

Benzo(a)anthracene

Concen: 2.18 ng/ul

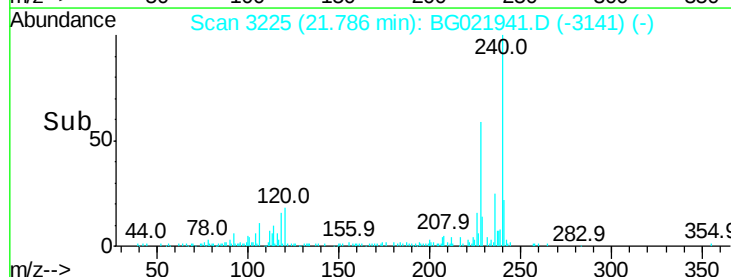
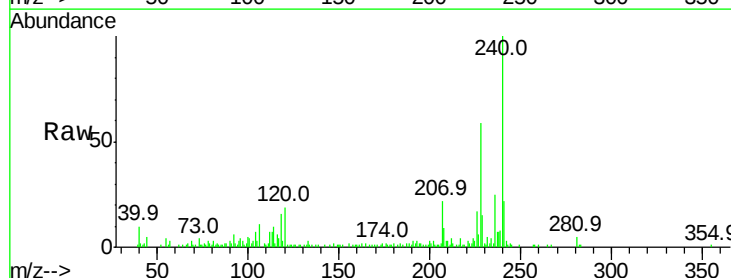
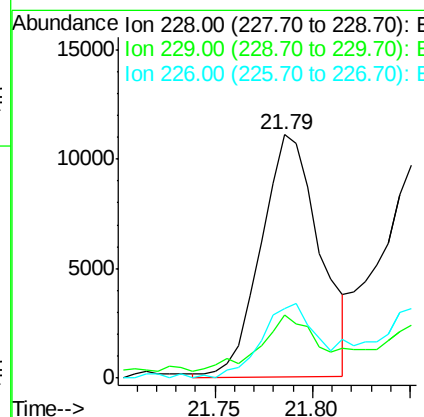
RT: 21.79 min Scan# 3225

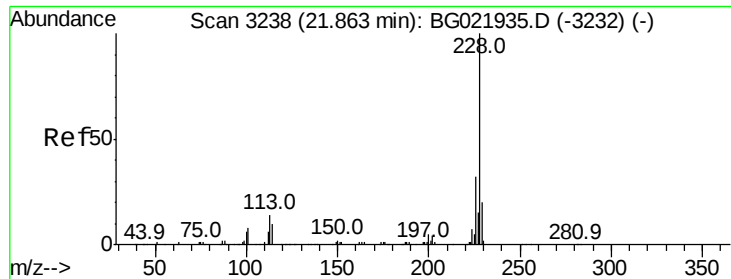
Delta R.T. -0.01 min

Lab File: BG021941.D

Acq: 18 May 2016 20:36

Tgt Ion:	228	Resp:	23091
Ion Ratio	Lower	Upper	
228	100		
229	26.0	16.6	25.0#
226	28.7	21.0	31.4





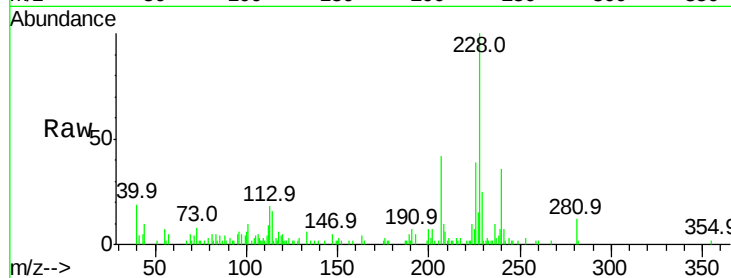
#33
Chrysene
Concen: 2.40 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
D9XC3

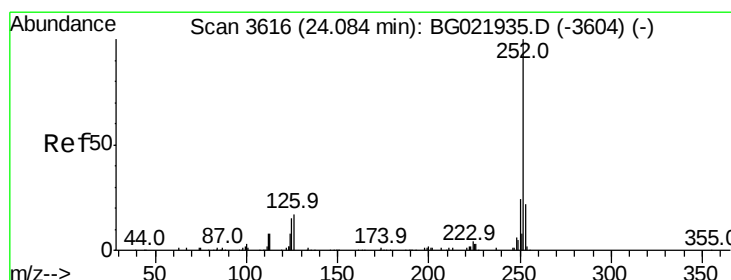
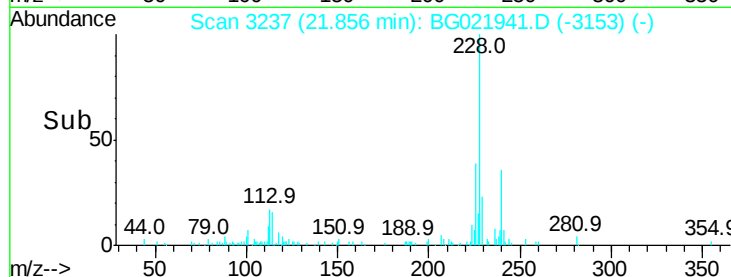
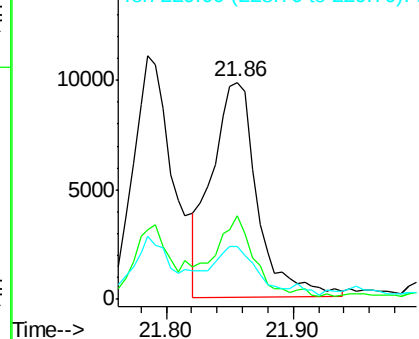
Tot Ion	Ratio	Resp	Lower	Upper
228	100	24731		
226	38.5		23.4	35.2#
229	24.5		16.2	24.2#

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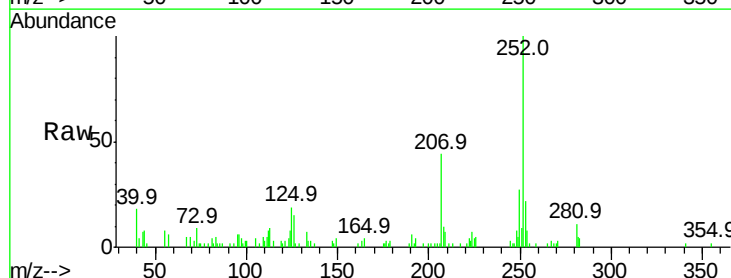


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

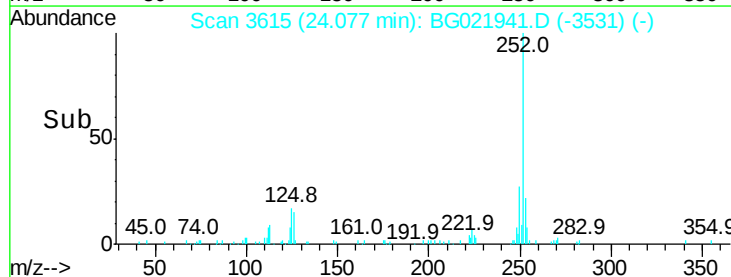
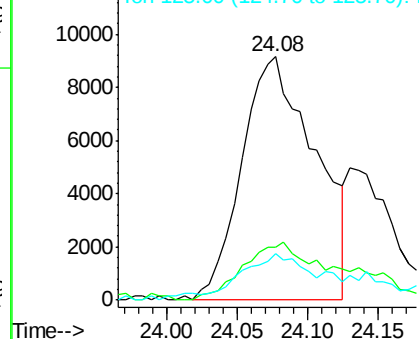


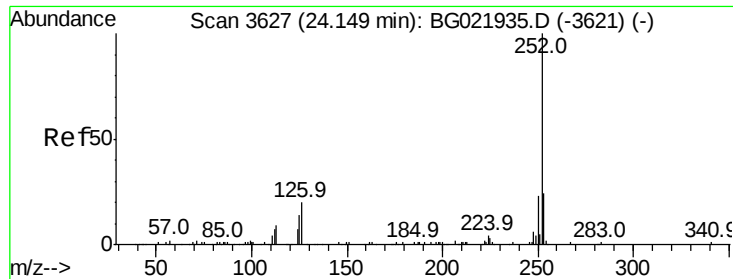
#35
Benzo(b)fluoranthene
Concen: 3.26 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. -0.01 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	33246		
253	21.7		18.1	27.1
125	18.9		7.6	11.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





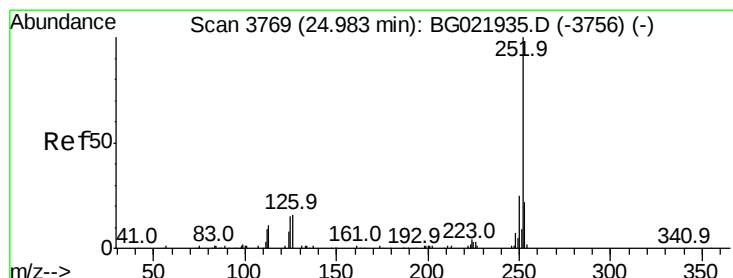
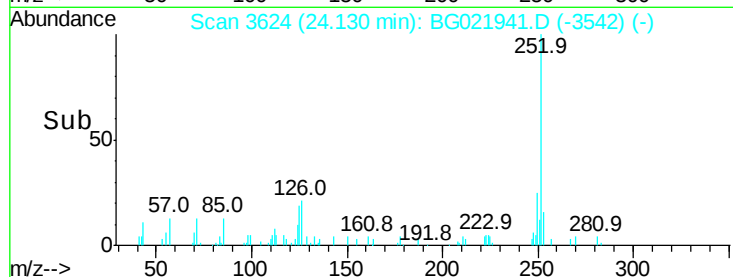
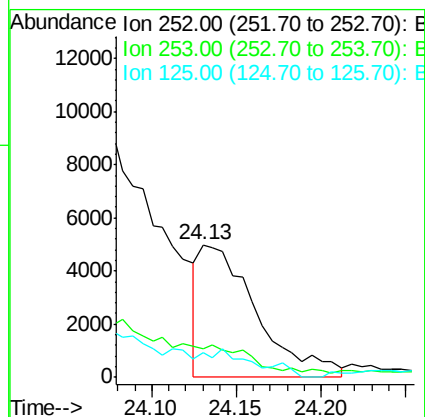
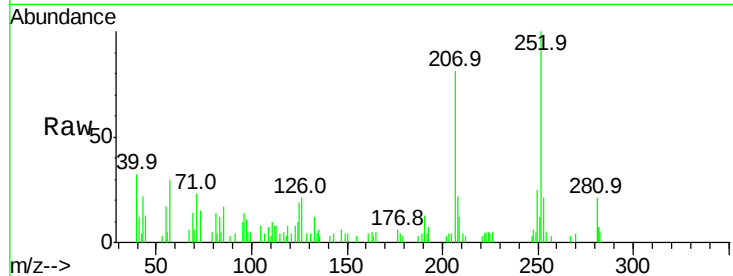
#36
Benzo(k)fluoranthene
Concen: 1.18 ng/ul m
RT: 24.13 min Scan# 3624
Delta R.T. -0.02 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
D9XC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	19.0	7.7	11.5#

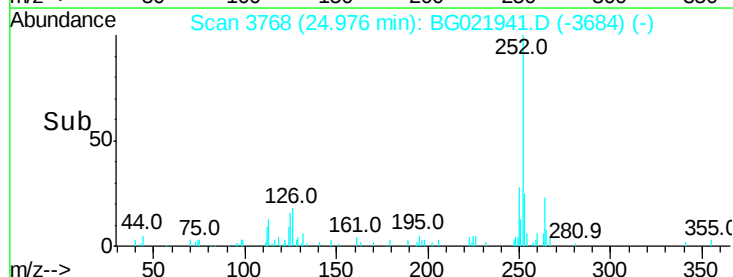
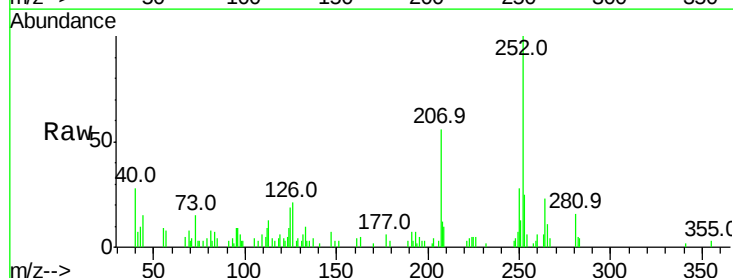
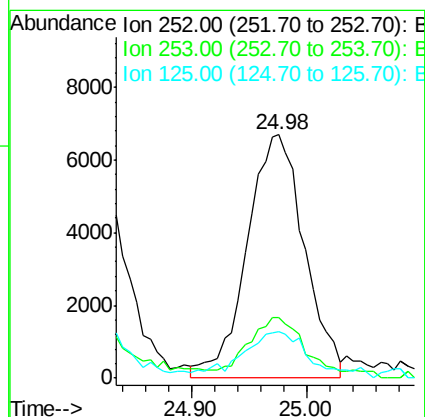
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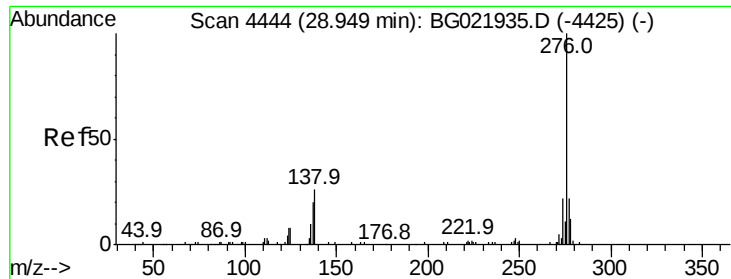
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#38
Benzo(a)pyrene
Concen: 2.36 ng/ul
RT: 24.98 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	19.1	8.2	12.2#





#39

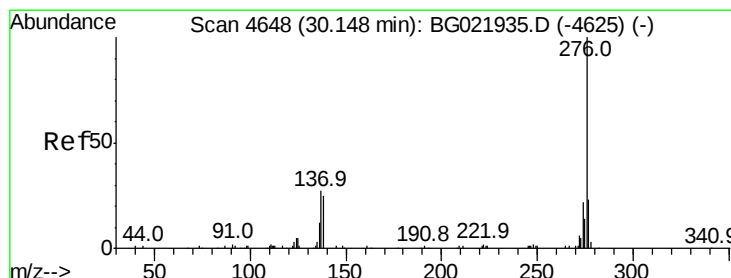
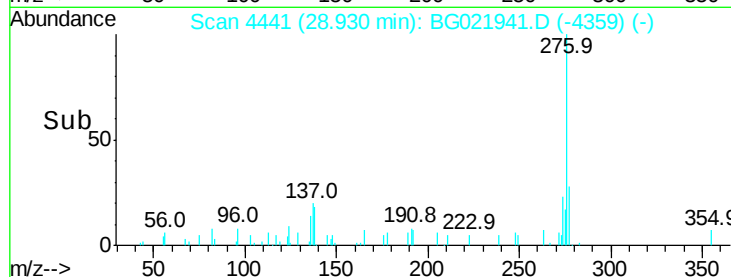
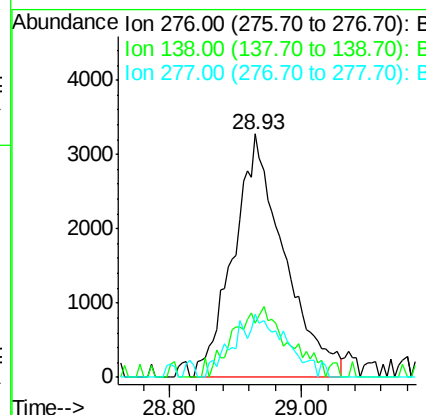
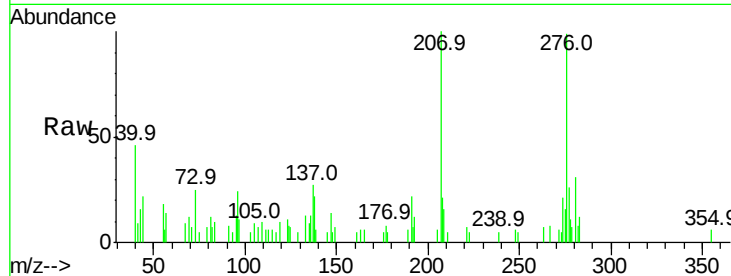
Indeno(1,2,3-cd)pyrene
Concen: 1.56 ng/ul m
RT: 28.93 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Instrument :
BNA_G
ClientSampleId :
D9XC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.8	23.6
277	25.9	19.0	28.6

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#41

Benzo(g,h,i)perylene
Concen: 1.44 ng/ul m
RT: 30.12 min Scan# 4644
Delta R.T. -0.02 min
Lab File: BG021941.D
Acq: 18 May 2016 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	13.9	20.9#
277	20.1	19.8	29.6

