

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021904.D
 Acq On : 16 May 2016 13:27
 Operator : UM/SJ
 Sample : H3095-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE1

Manual Integrations
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 5/17/2016 7:19:05 PM

Quant Time: May 17 00:52:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	81237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	420533	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	251018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	526244	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	533335	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	517894	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	4359	2.59	ng/uL	0.00
5) Phenol-d5	7.31	99	96926	16.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	44590	14.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	92690	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	79313	15.66	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	47765	17.28	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	50854	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	96508	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	58725m	11.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	321273	18.22	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	429560	17.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	25919m	8.58	ng/ul	0.01
58) Fluorene-d10	15.77	176	299120	16.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	34422	23.61	ng/ul	0.00
71) Anthracene-d10	17.63	188	422224	16.48	ng/ul	0.00
77) Pyrene-d10	19.91	212	452536	18.13	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	416508	16.93	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.23	163	169546	9.44	ng/ul	98
69) Pentachlorophenol	17.18	266	4168m	1.72	ng/ul	
70) Phenanthrene	17.57	178	52878m	1.84	ng/ul	
75) Fluoranthene	19.58	202	164445	5.03	ng/ul#	94
78) Pyrene	19.93	202	149333m	4.84	ng/ul	
81) Benzo(a)anthracene	21.80	228	93782	3.16	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	242473	21.78	ng/ul	94
83) Chrysene	21.86	228	98207	3.35	ng/ul	95
86) Benzo(b)fluoranthene	24.08	252	155395	5.24	ng/ul#	94
87) Benzo(k)fluoranthene	24.14	252	57787m	1.82	ng/ul	
89) Benzo(a)pyrene	24.99	252	100276	3.40	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.95	276	77912	2.23	ng/ul#	95
92) Benzo(g,h,i)perylene	30.16	276	77315m	2.68	ng/ul	

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

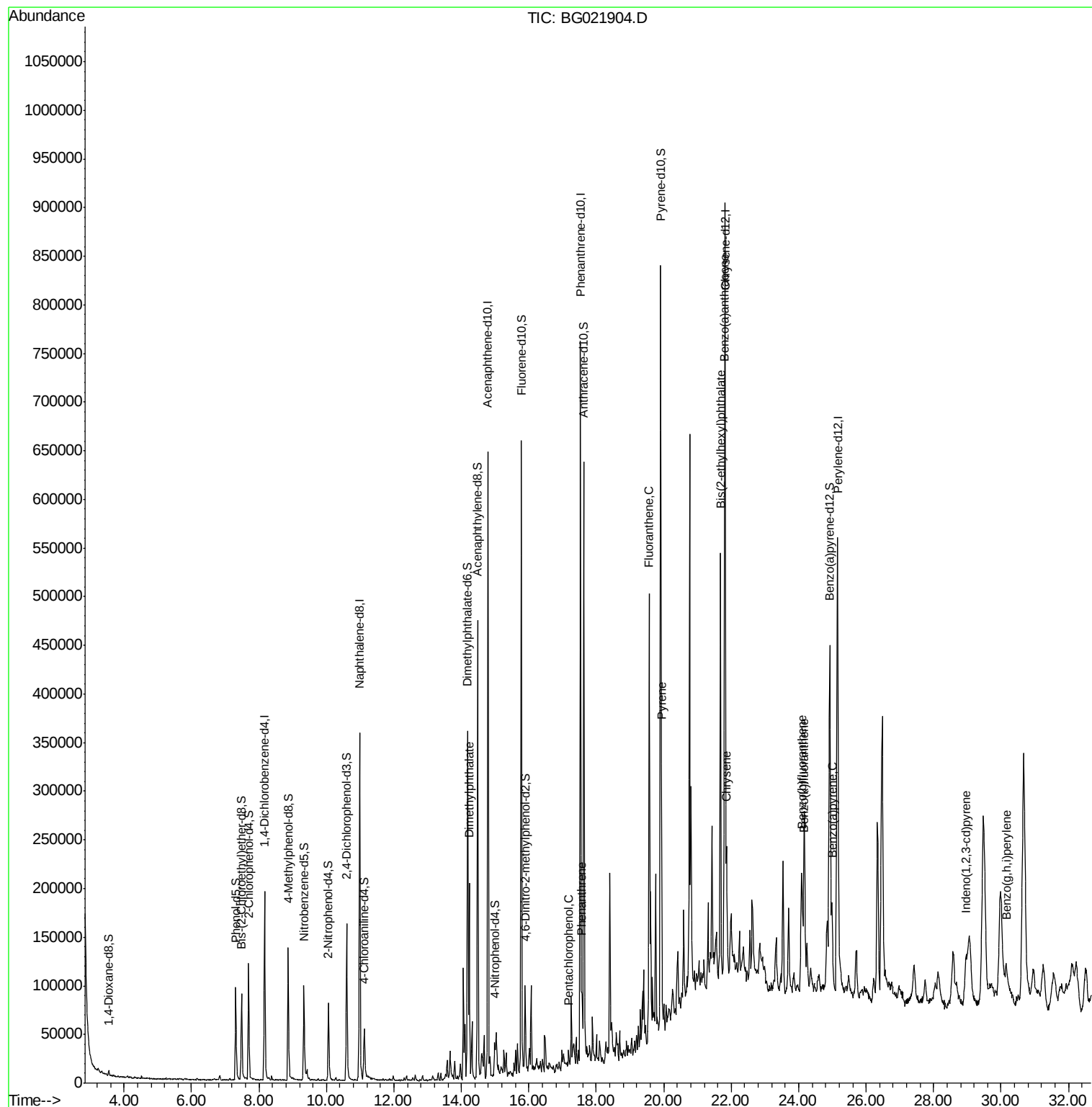
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021904.D
Acq On : 16 May 2016 13:27
Operator : UM/SJ
Sample : H3095-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

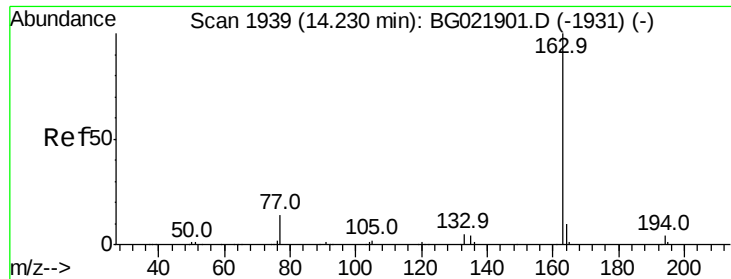
Instrument :
BNA_G
ClientSampleId :
D9XE1

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Quant Time: May 17 00:52:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration





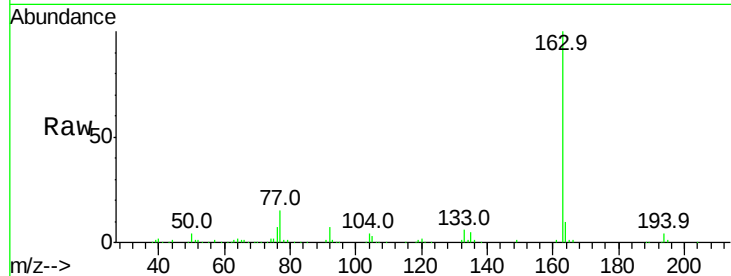
#45
 Dimethylphthalate
 Concen: 9.44 ng/ul
 RT: 14.23 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG021904.D
 Acq: 16 May 2016 13:27

Instrument :
 BNA_G
 ClientSampled :
 D9XE1

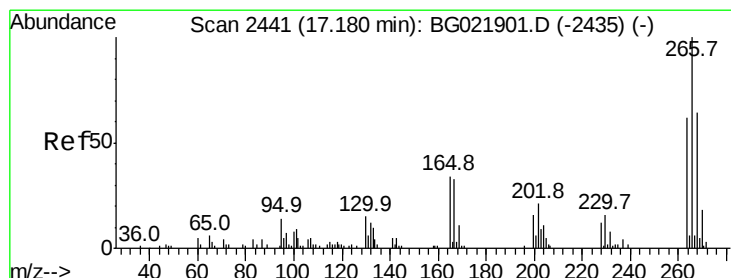
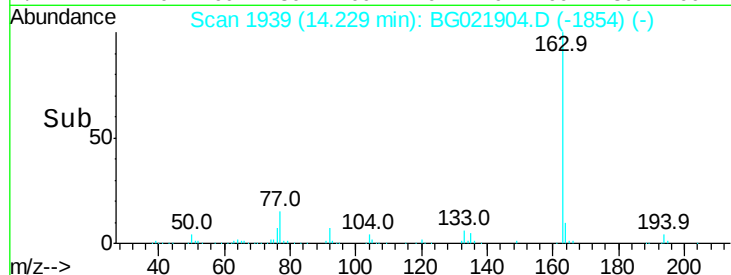
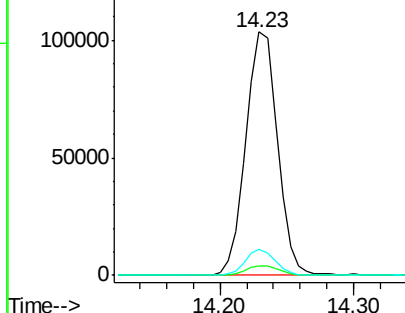
Tot Ion	Ratio	Resp	Lower	Upper
163	100	169546		
194	4.0		3.9	5.9
164	10.5		8.7	13.1

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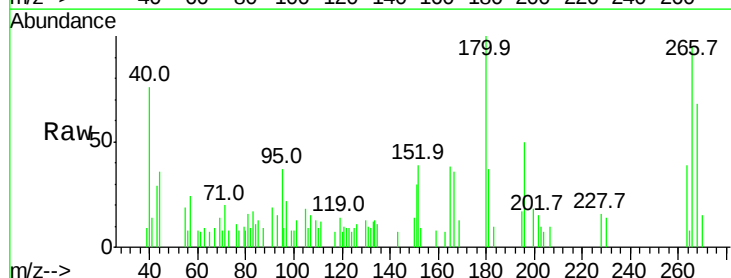


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

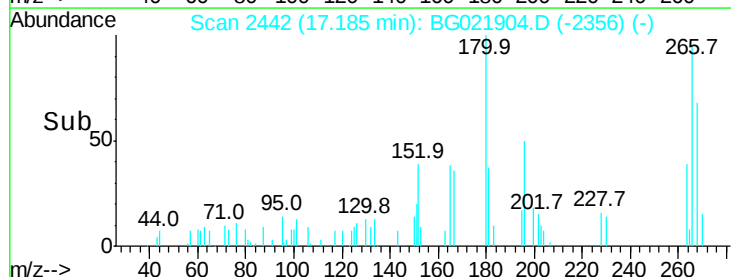
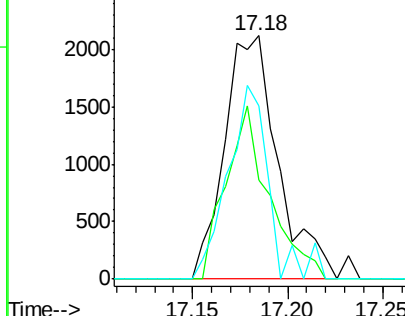


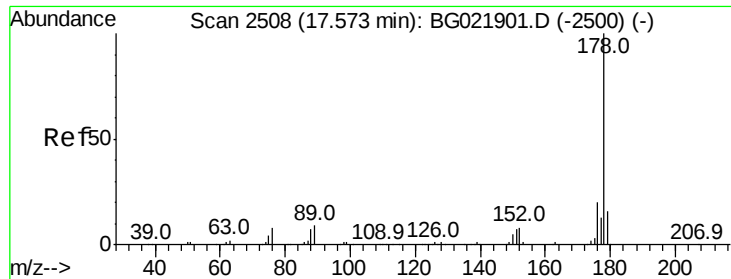
#69
 Pentachlorophenol
 Concen: 1.72 ng/ul m
 RT: 17.18 min Scan# 2442
 Delta R.T. 0.01 min
 Lab File: BG021904.D
 Acq: 16 May 2016 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	4168		
264	40.7		56.7	85.1#
268	71.2		50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





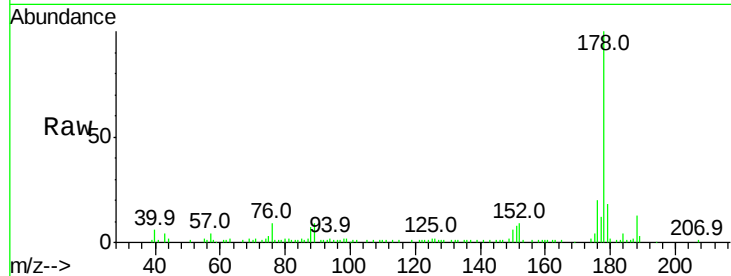
#70
Phenanthrene
Concen: 1.84 ng/ul m
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Instrument :
BNA_G
ClientSampleId :
D9XE1

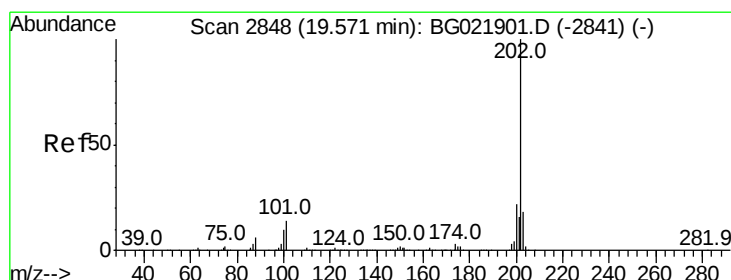
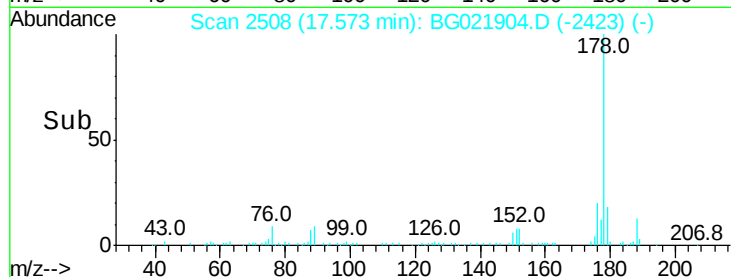
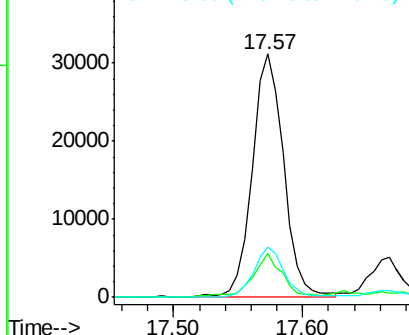
Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	11.8	17.8#
176	20.5	14.8	22.2

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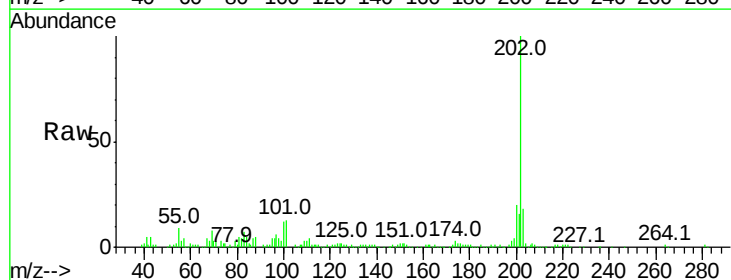


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

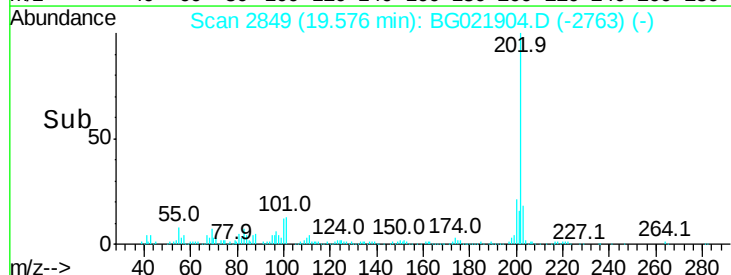
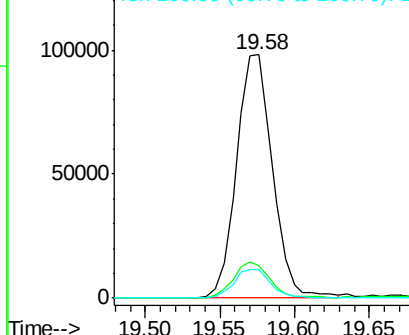


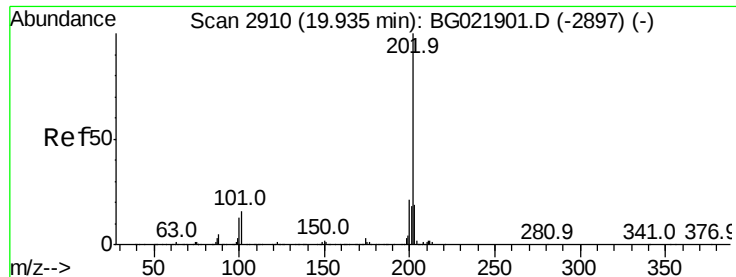
#75
Fluoranthene
Concen: 5.03 ng/ul
RT: 19.58 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	8.9	13.3
100	11.5	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





#78

Pvrene

Concen: 4.84 ng/ul m

RT: 19.93 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

BNA_G

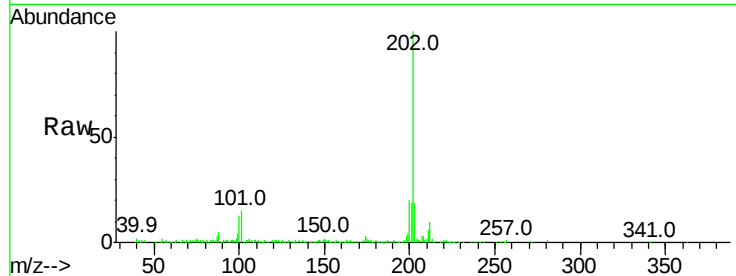
ClientSampleId :

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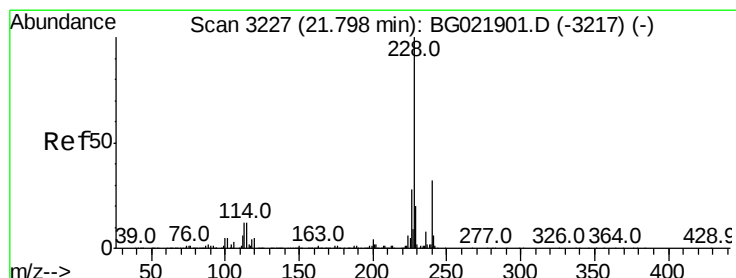
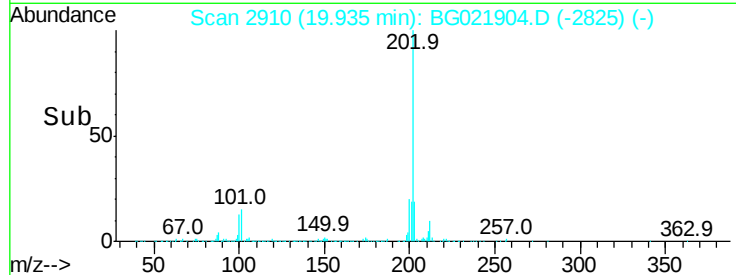
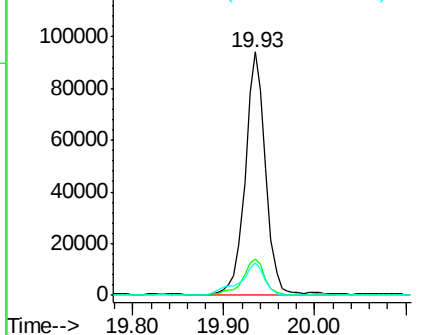
Tot Ion:	202	Resp:	149333
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.8	14.8#
100	13.3	9.3	13.9

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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



#81

Benzo(a)anthracene

Concen: 3.16 ng/ul

RT: 21.80 min Scan# 3227

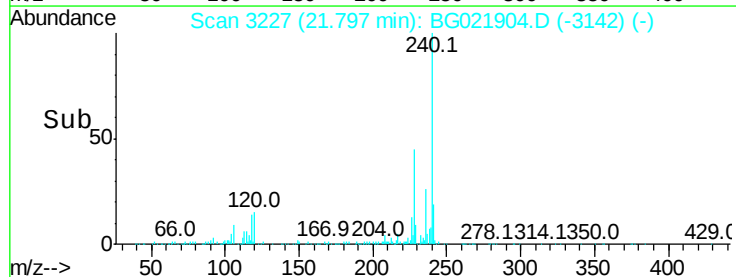
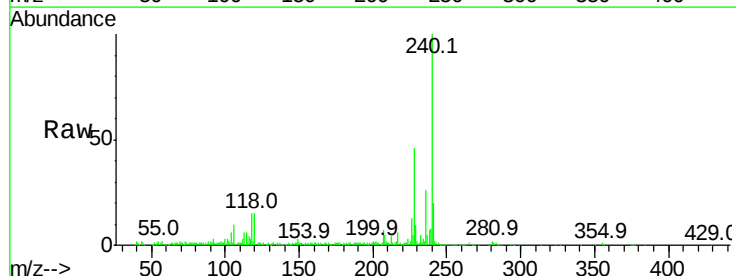
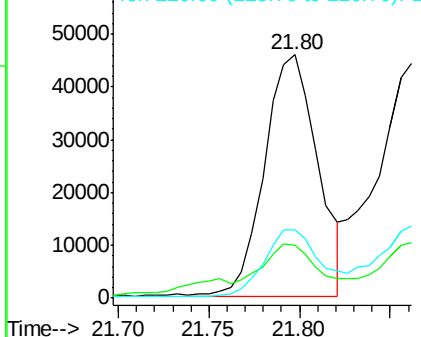
Delta R.T. -0.00 min

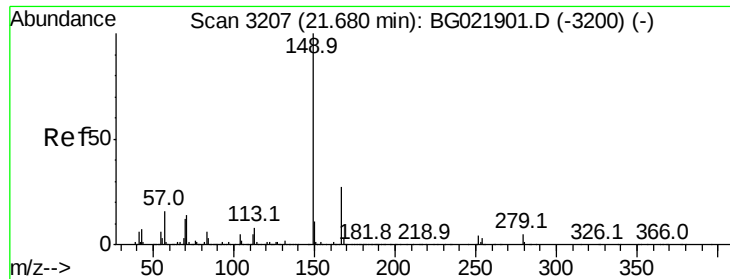
Lab File: BG021904.D

Acq: 16 May 2016 13:27

Tgt Ion:	228	Resp:	93782
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.6	25.0
226	28.3	21.0	31.4

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





#82

Bis(2-ethylhexyl)phthalate

Concen: 21.78 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

BNA_G

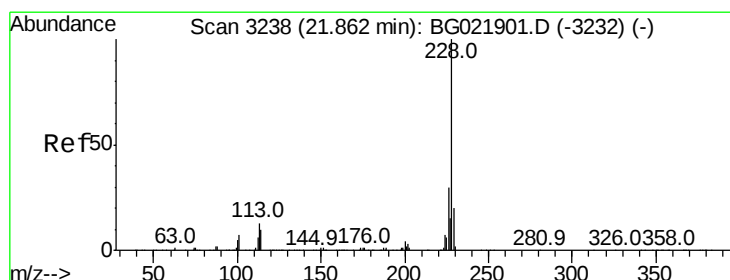
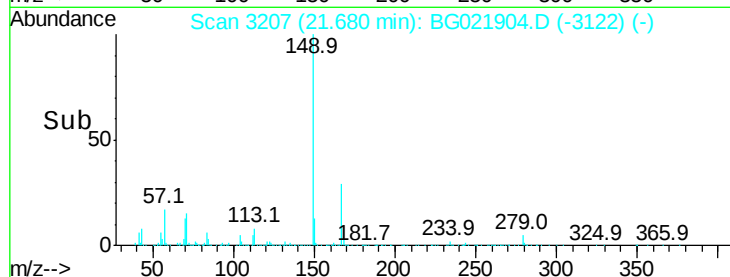
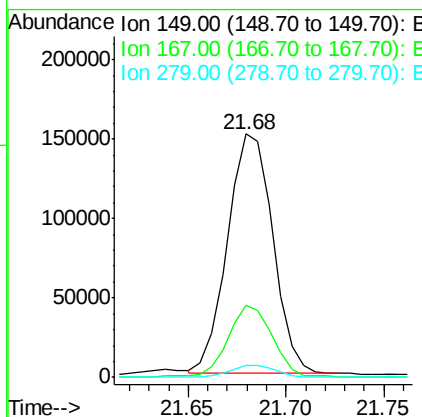
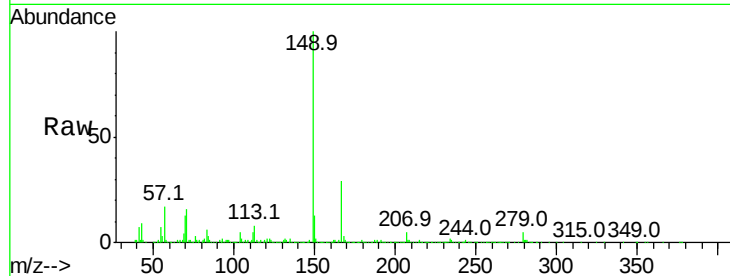
ClientSampleId :

D9XE1

Tot Ion:	149	Resp:	242473
Ion Ratio	Lower	Upper	
149	100		
167	29.4	20.5	30.7
279	4.7	3.7	5.5

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#83

Chrysene

Concen: 3.35 ng/ul

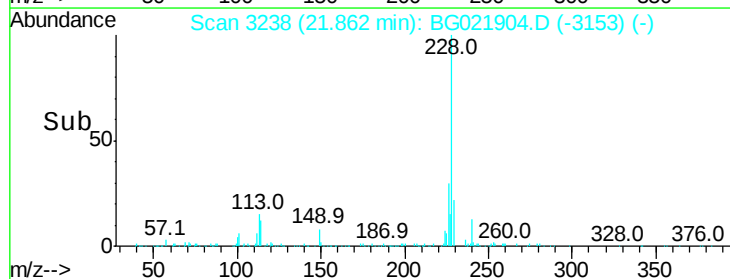
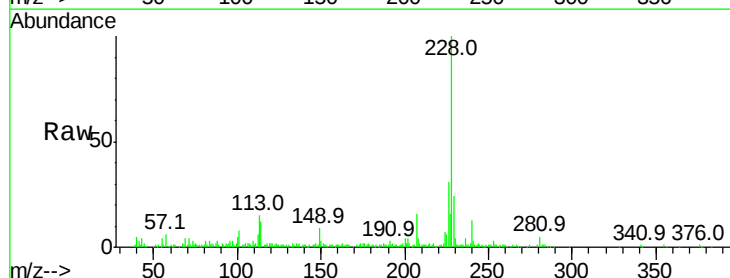
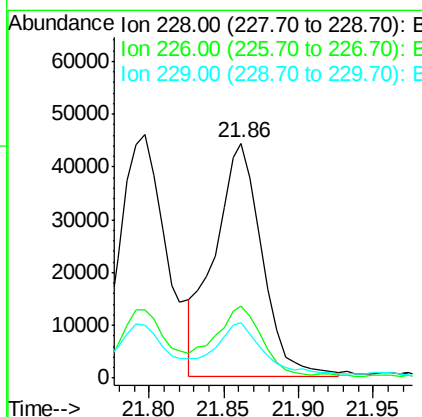
RT: 21.86 min Scan# 3238

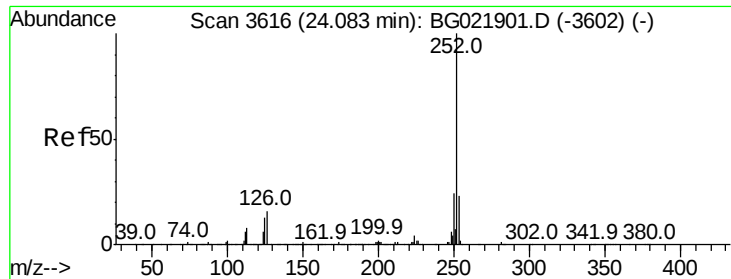
Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Tgt Ion:	228	Resp:	98207
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	23.9	16.2	24.2





#86

Benzo(b)fluoranthene

Concen: 5.24 ng/ul

RT: 24.08 min Scan# 3616

Delta R.T. -0.00 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

BNA_G

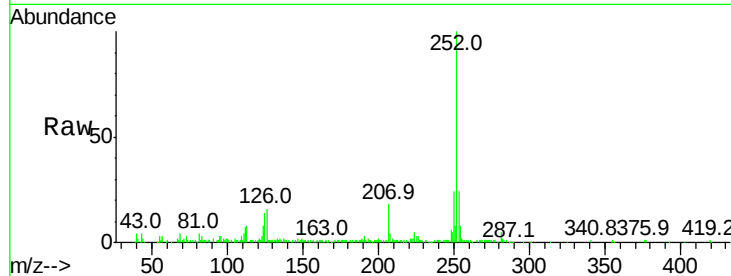
ClientSampleId :

D9XE1

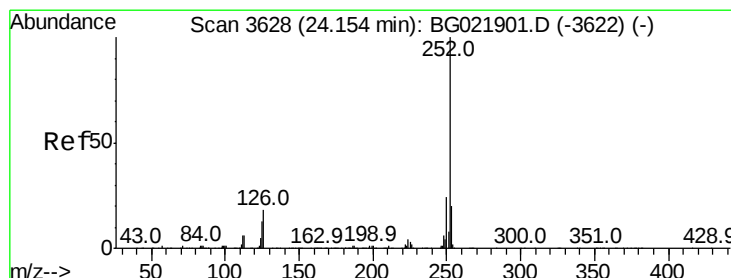
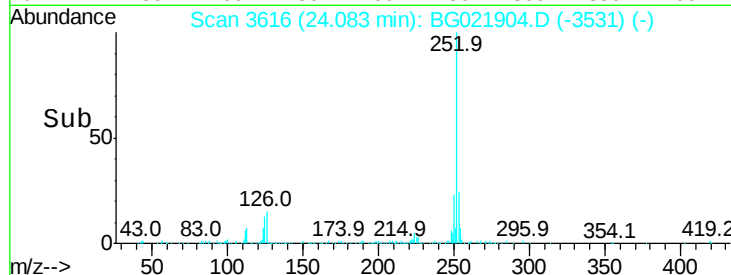
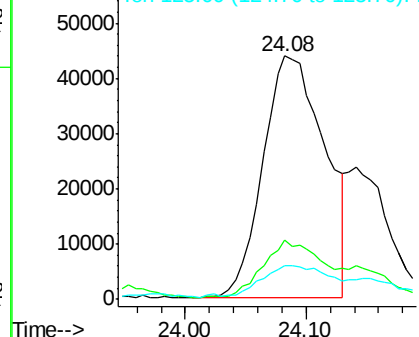
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	18.1	27.1
125	14.0	7.6	11.4

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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



#87

Benzo(k)fluoranthene

Concen: 1.82 ng/ul m

RT: 24.14 min Scan# 3626

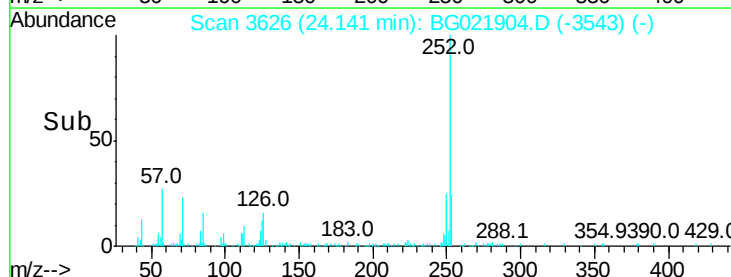
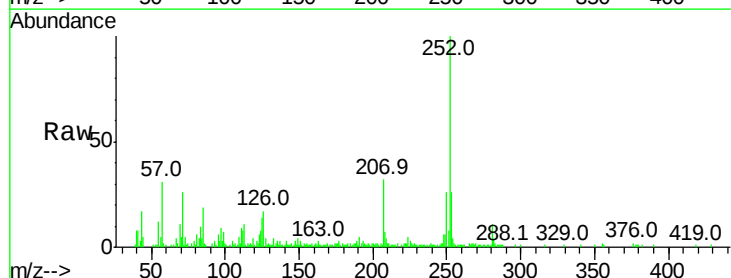
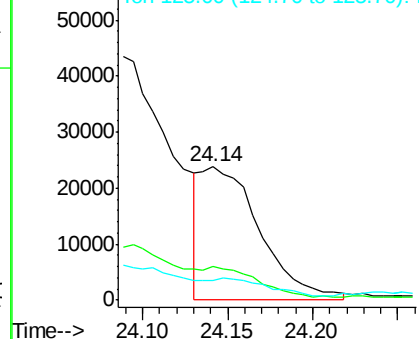
Delta R.T. -0.01 min

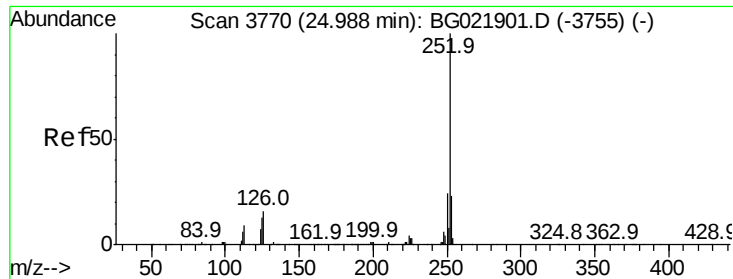
Lab File: BG021904.D

Acq: 16 May 2016 13:27

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	17.8	26.8
125	14.5	7.7	11.5

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





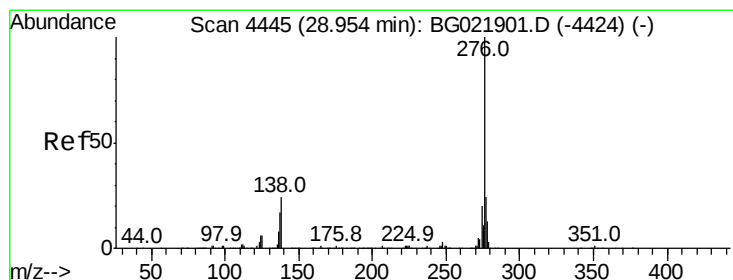
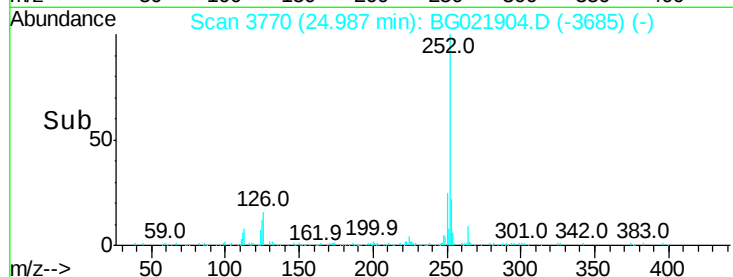
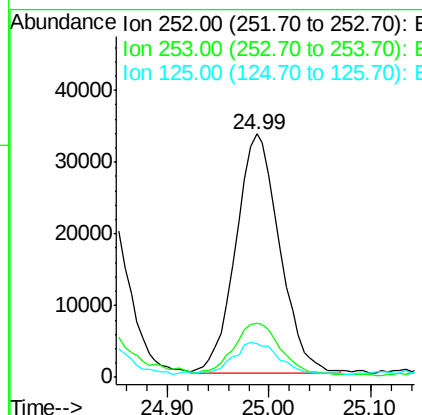
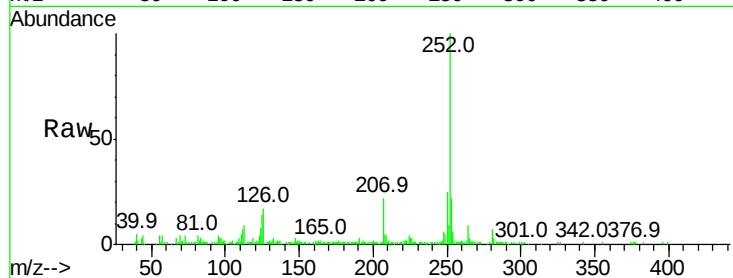
#89
Benzo(a)pyrene
Concen: 3.40 ng/ul
RT: 24.99 min Scan# 3770
Delta R.T. -0.00 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Instrument :
BNA_G
ClientSampleId :
D9XE1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.4	26.0
125	13.6	8.2	12.2

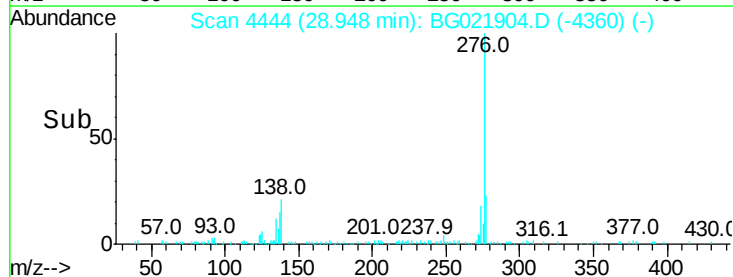
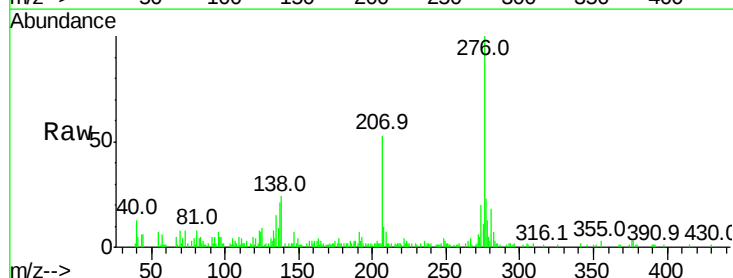
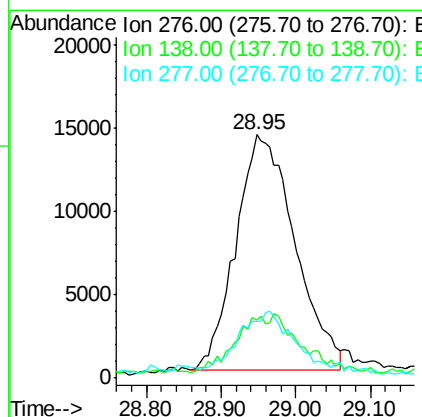
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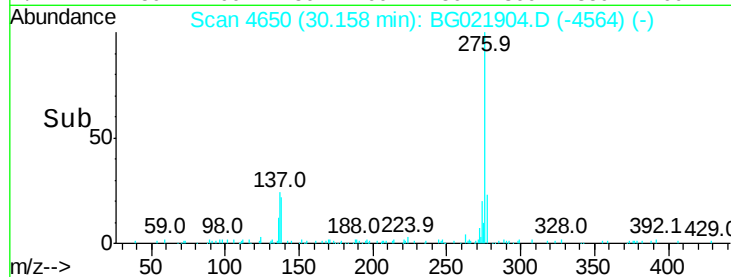
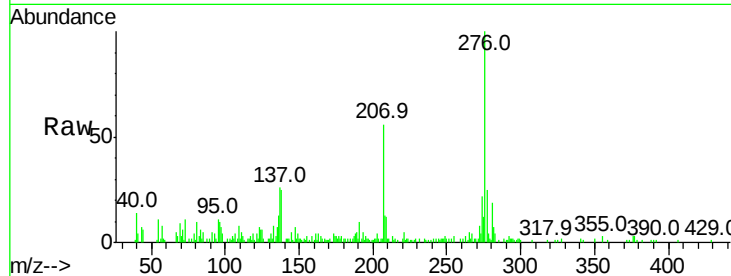
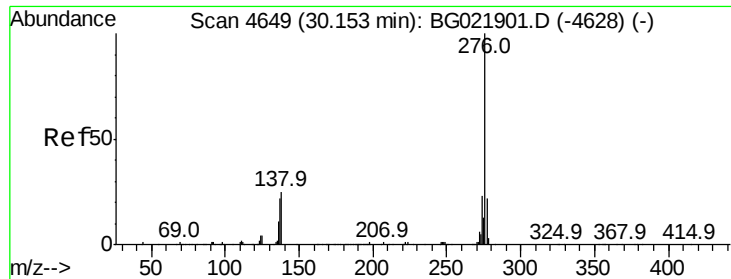
umangi
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#90
Indeno(1,2,3-cd)pyrene
Concen: 2.23 ng/ul
RT: 28.95 min Scan# 4444
Delta R.T. -0.01 min
Lab File: BG021904.D
Acq: 16 May 2016 13:27

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.7	15.8	23.6
277	23.3	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 2.68 ng/ul m

RT: 30.16 min Scan# 4650

Delta R.T. 0.01 min

Lab File: BG021904.D

Acq: 16 May 2016 13:27

Instrument :

BNA_G

ClientSampleId :

D9XE1

Tot Ion:	276	Resp:	77315
Ion Ratio	Lower	Upper	
276	100		
138	25.2	13.9	20.9#
277	24.9	19.8	29.6

Manual Integrations
APPROVED

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