

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021917.D
 Acq On : 16 May 2016 22:05
 Operator : UM/SJ
 Sample : H3095-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE5

Manual Integrations
 APPROVED

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Quant Time: May 17 03:52:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	81248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	393265	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	218279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	431090	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	421255	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	418492	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5792	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	151702	25.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	67148	22.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	133962	28.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	133405	26.34	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	70590	27.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	78026	47.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	144458	31.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	66079m	13.28	ng/ul	0.01
44) Dimethylphthalate-d6	14.19	166	427720	27.90	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	577423	26.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	61359	23.35	ng/ul	0.02
58) Fluorene-d10	15.78	176	388497	24.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	45396	38.02	ng/ul	0.00
71) Anthracene-d10	17.64	188	540994	25.78	ng/ul	0.00
77) Pyrene-d10	19.92	212	551000	27.94	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.95	264	518648	26.08	ng/ul	0.03

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	98357	6.30	ng/ul	98
70) Phenanthrene	17.58	178	50898	2.16	ng/ul	97
75) Fluoranthene	19.58	202	76101	2.84	ng/ul	96
78) Pyrene	19.94	202	167561m	6.88	ng/ul	
81) Benzo(a)anthracene	21.80	228	103767	4.43	ng/ul#	84
82) Bis(2-ethylhexyl)phthalate	21.69	149	60883	6.92	ng/ul#	98
83) Chrysene	21.87	228	159425	6.87	ng/ul#	91
86) Benzo(b)fluoranthene	24.11	252	86502m	3.61	ng/ul	
89) Benzo(a)pyrene	25.02	252	118194	4.96	ng/ul#	84
92) Benzo(a,h,i)perylene	30.22	276	68804m	2.95	ng/ul	

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

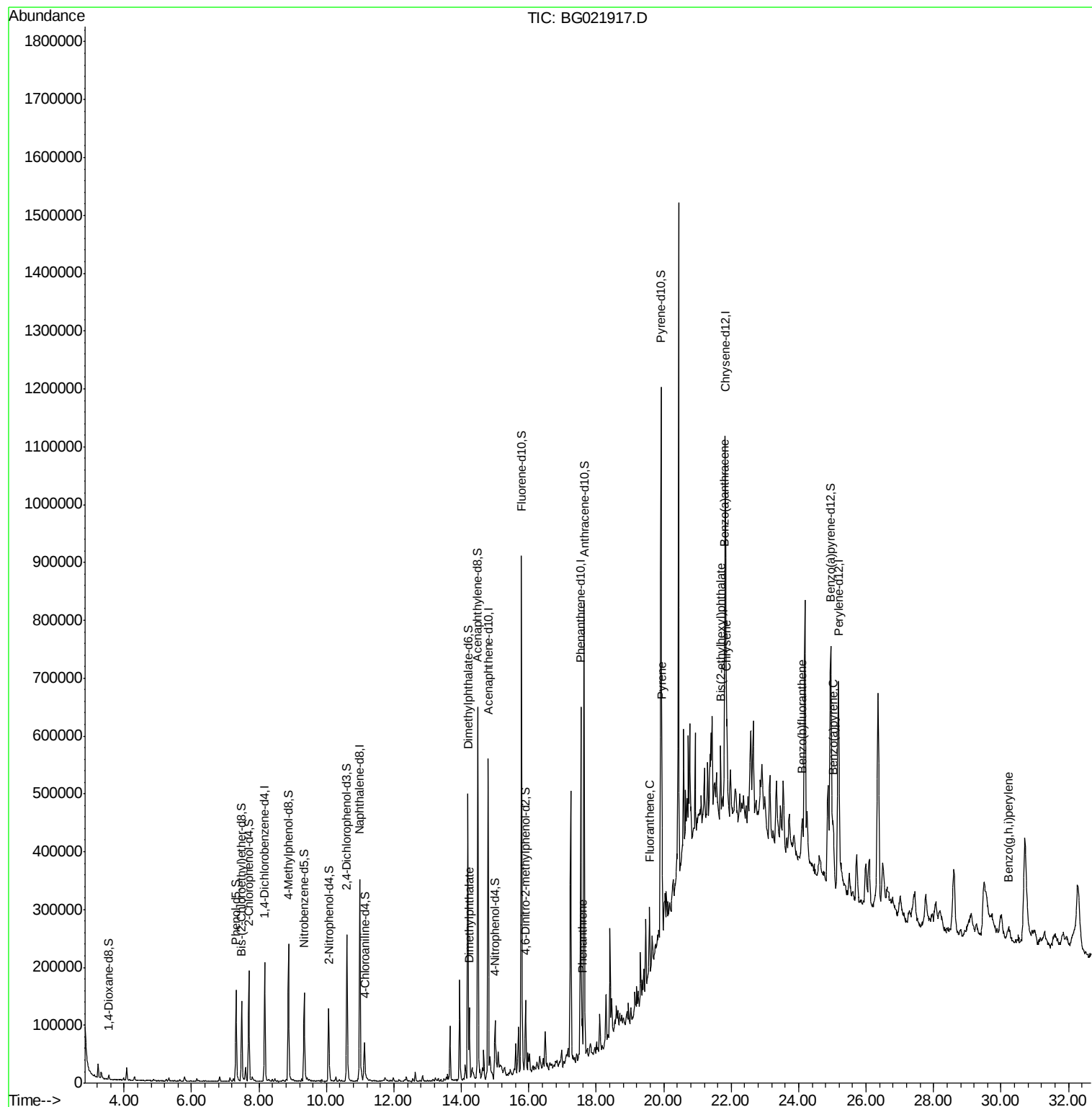
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
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Operator : UM/SJ
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ALS Vial : 17 Sample Multiplier: 1

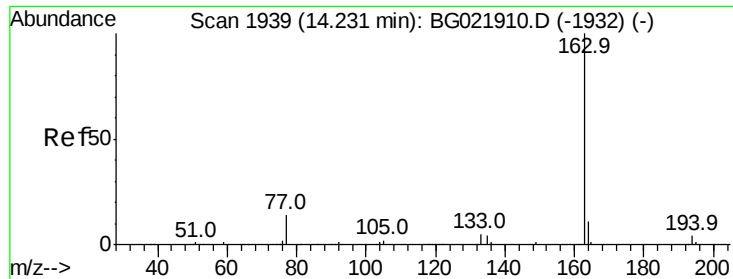
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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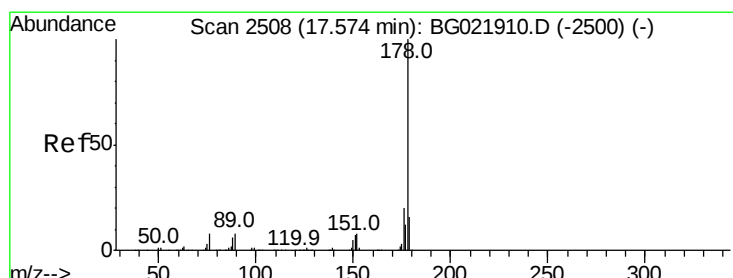
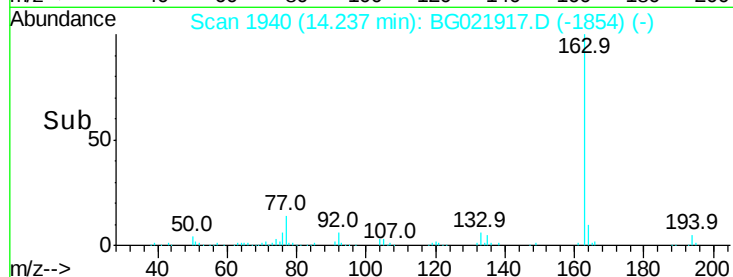
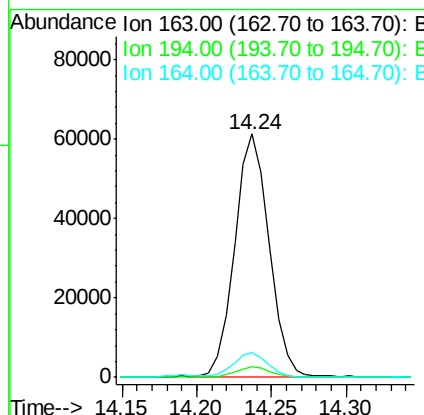
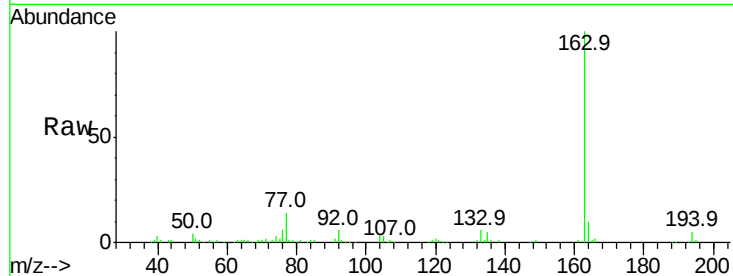
#45
 Dimethylphthalate
 Concen: 6.30 ng/ul
 RT: 14.24 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BG021917.D
 Acq: 16 May 2016 22:05

Instrument :
 BNA_G
 ClientSampleId :
 D9XE5

Tot Ion:	163	Resp:	98357
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.9	5.9
164	10.2	8.7	13.1

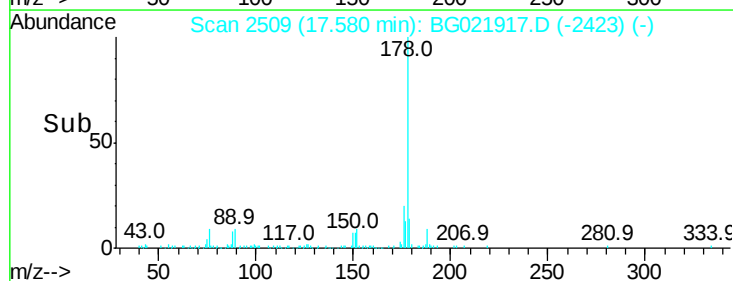
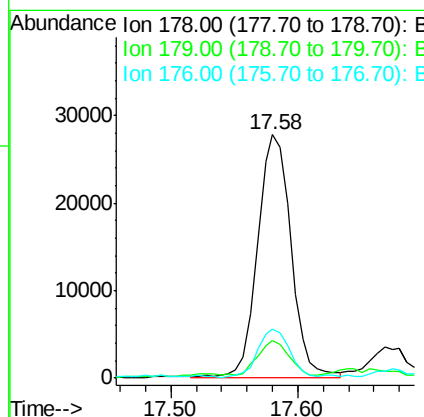
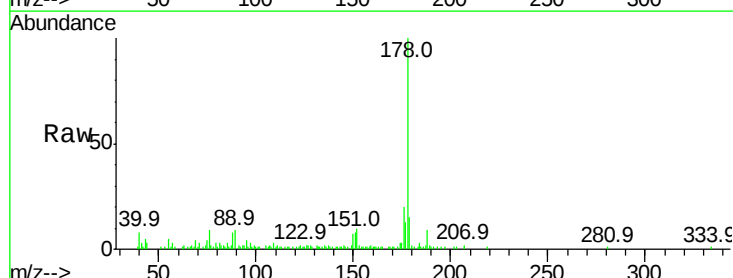
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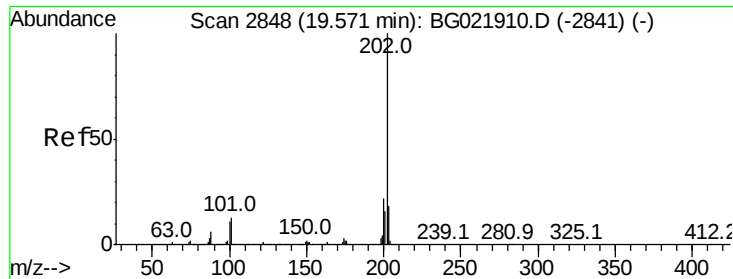
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#70
 Phenanthrene
 Concen: 2.16 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG021917.D
 Acq: 16 May 2016 22:05

Tgt Ion:	178	Resp:	50898
Ion Ratio	Lower	Upper	
178	100		
179	15.4	11.8	17.8
176	20.3	14.8	22.2





#75

Fluoranthene

Concen: 2.84 ng/ul

RT: 19.58 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BG021917.D

Acq: 16 May 2016 22:05

Instrument :

BNA_G

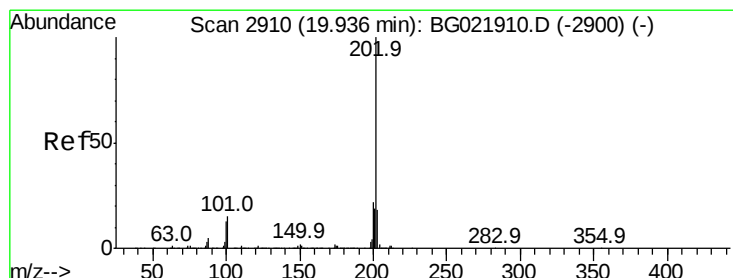
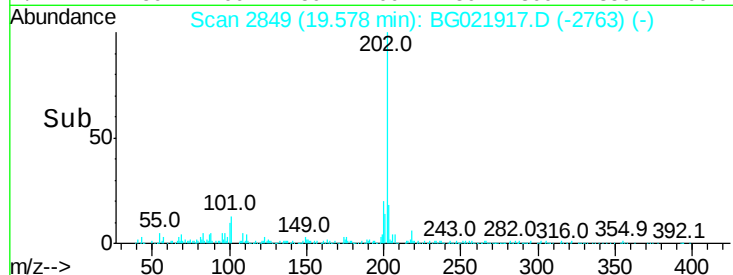
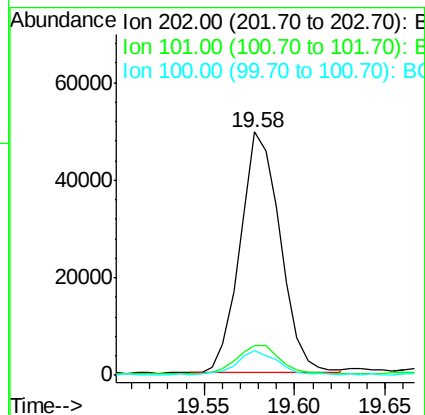
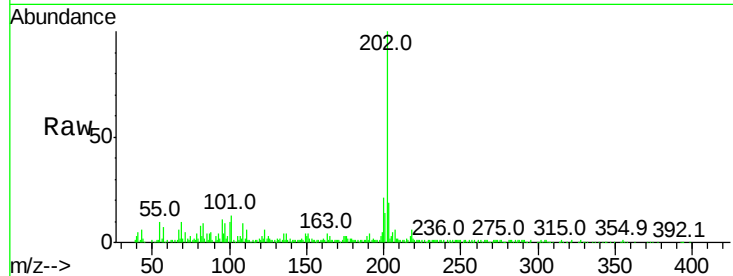
ClientSampleId :

D9XE5

Tot Ion:	202	Resp:	76101
Ion Ratio	Lower	Upper	
202	100		
101	12.5	8.9	13.3
100	9.9	7.0	10.4

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#78

Pyrene

Concen: 6.88 ng/ul m

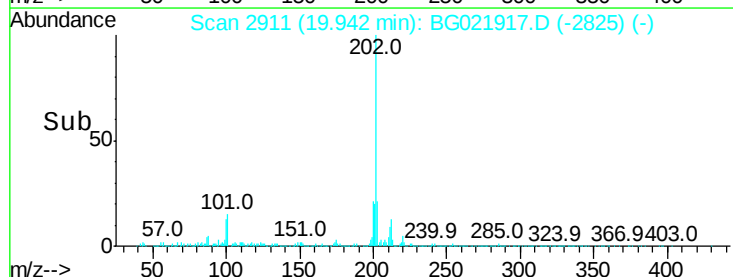
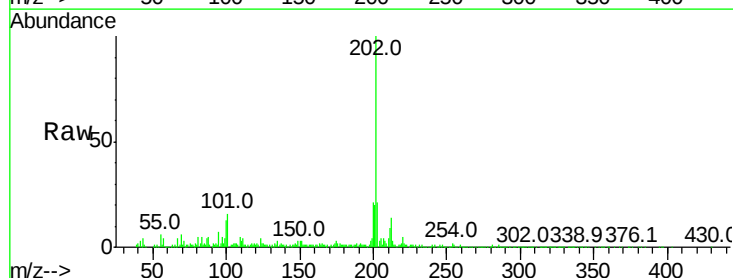
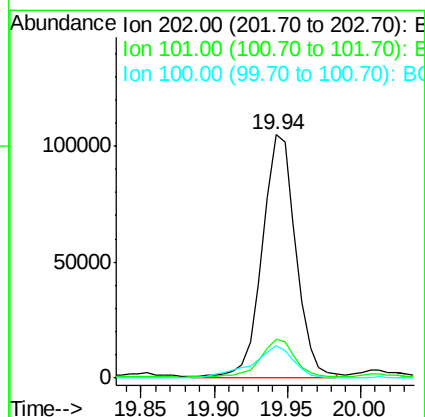
RT: 19.94 min Scan# 2911

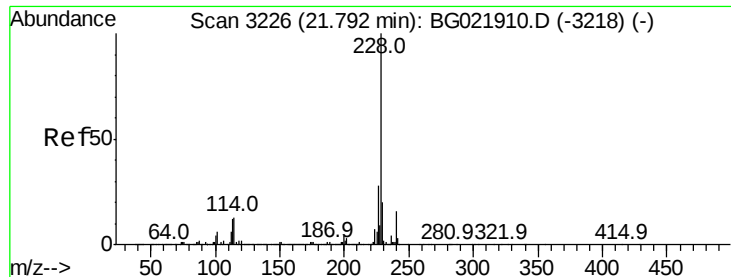
Delta R.T. 0.01 min

Lab File: BG021917.D

Acq: 16 May 2016 22:05

Tgt Ion:	202	Resp:	167561
Ion Ratio	Lower	Upper	
202	100		
101	15.8	9.8	14.8#
100	13.1	9.3	13.9





#81

Benzo(a)anthracene

Concen: 4.43 ng/ul

RT: 21.80 min Scan# 3228

Delta R.T. 0.01 min

Lab File: BG021917.D

Acq: 16 May 2016 22:05

Instrument :

BNA_G

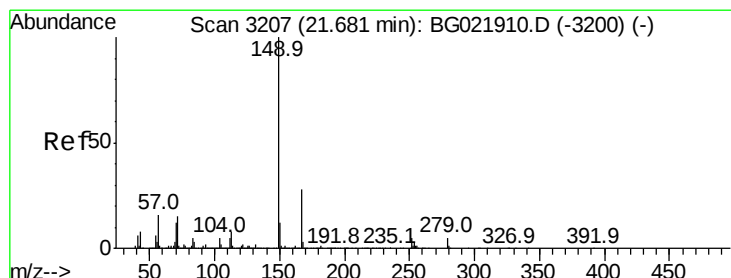
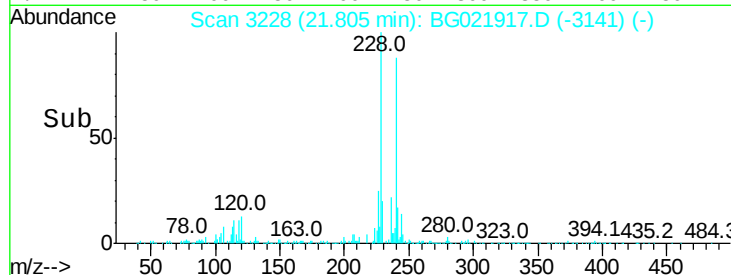
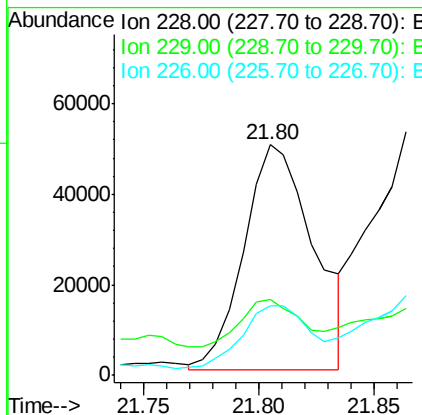
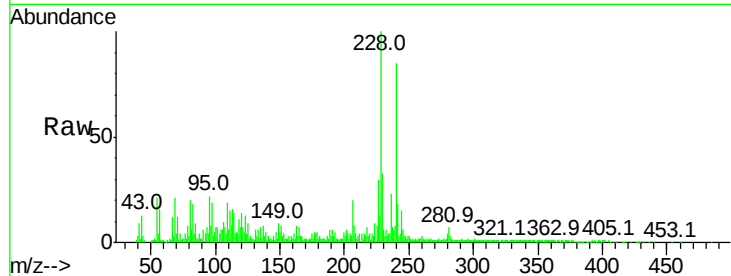
ClientSampleId :

D9XE5

Tot Ion:	228	Resp:	103767
Ion Ratio	Lower	Upper	
228	100		
229	33.0	16.6	25.0#
226	30.1	21.0	31.4

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#82

Bis(2-ethylhexyl)phthalate

Concen: 6.92 ng/ul

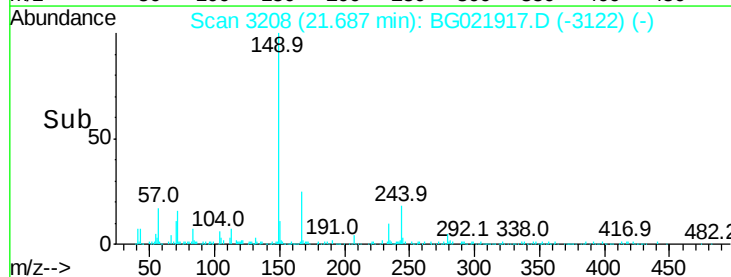
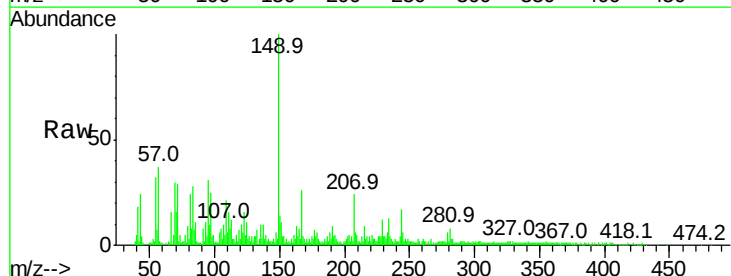
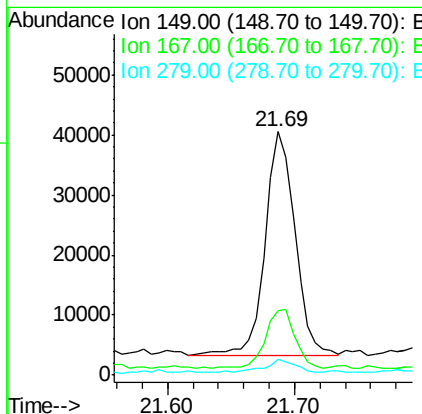
RT: 21.69 min Scan# 3208

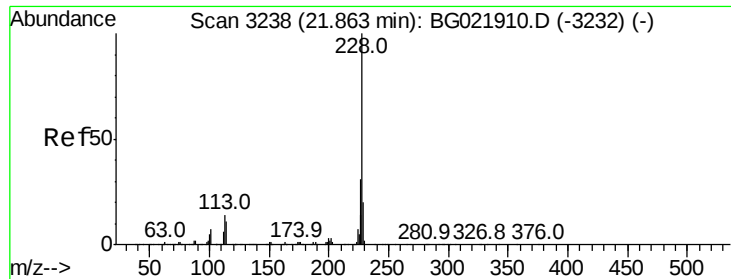
Delta R.T. 0.01 min

Lab File: BG021917.D

Acq: 16 May 2016 22:05

Tgt Ion:	149	Resp:	60883
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.5	30.7
279	6.4	3.7	5.5#





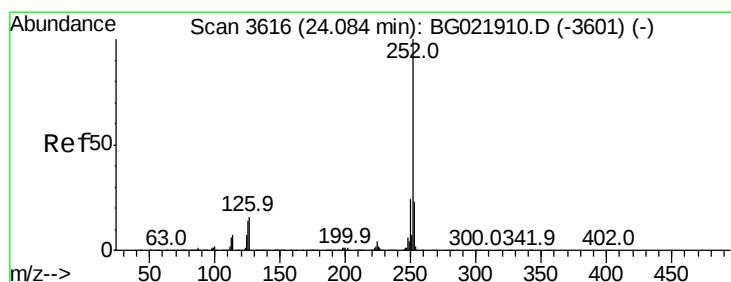
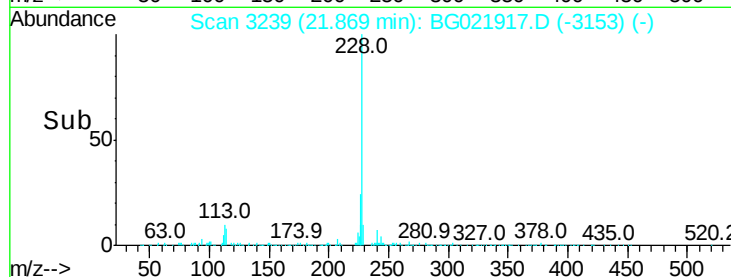
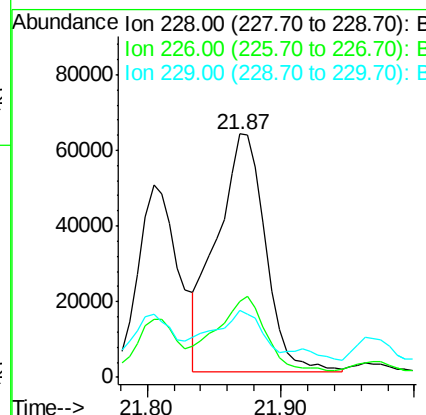
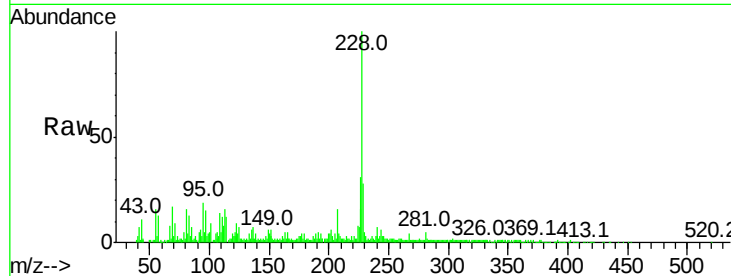
#83
Chrysene
Concen: 6.87 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BG021917.D
Acq: 16 May 2016 22:05

Instrument :
BNA_G
ClientSampleId :
D9XE5

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	27.7	16.2	24.2

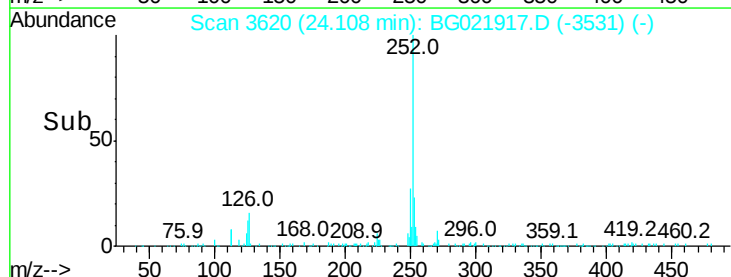
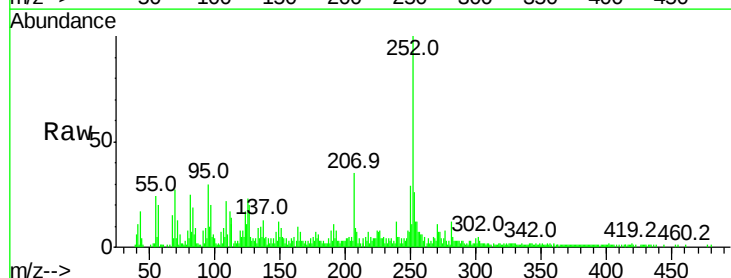
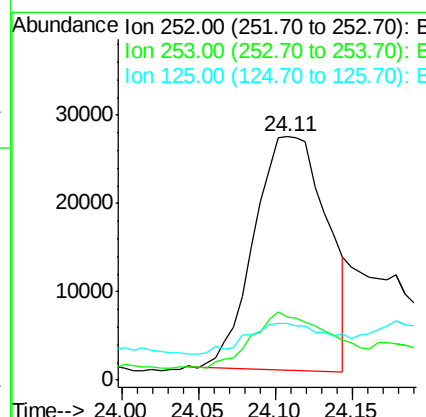
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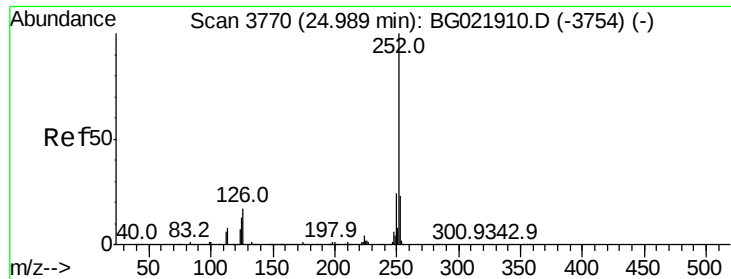
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#86
Benzo(b)fluoranthene
Concen: 3.61 ng/ul m
RT: 24.11 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BG021917.D
Acq: 16 May 2016 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	23.4	7.6	11.4





#89

Benzo(a)pyrene

Concen: 4.96 ng/ul

RT: 25.02 min Scan# 3776

Delta R.T. 0.04 min

Lab File: BG021917.D

Acq: 16 May 2016 22:05

Instrument :

BNA_G

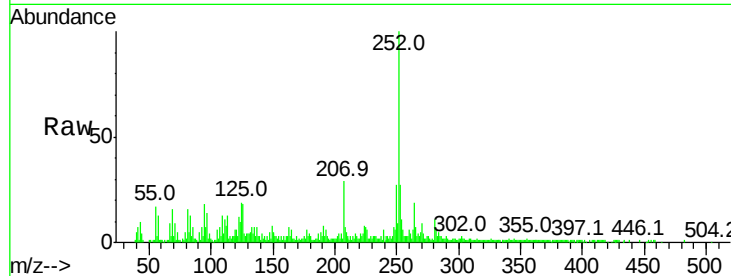
ClientSampleId :

D9XE5

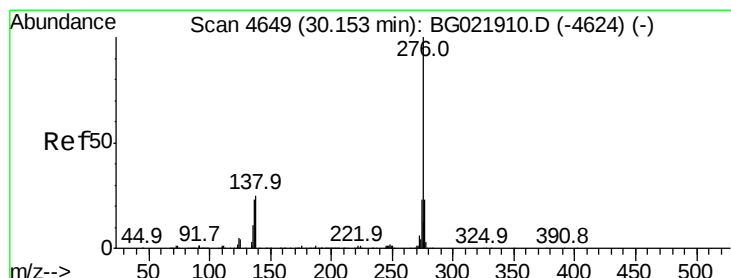
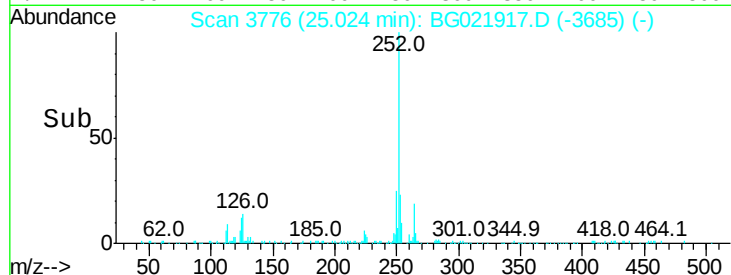
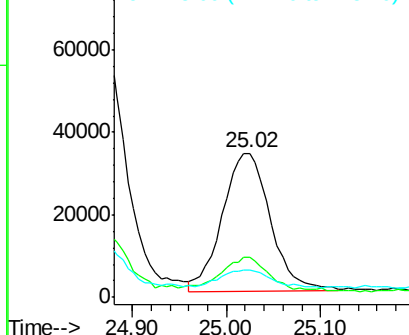
Tot Ion:	252	Resp:	118194
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.4	26.0#
125	19.3	8.2	12.2#

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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



#92

Benzo(g,h,i)perylene

Concen: 2.95 ng/ul m

RT: 30.22 min Scan# 4660

Delta R.T. 0.07 min

Lab File: BG021917.D

Acq: 16 May 2016 22:05

Tgt Ion:	276	Resp:	68804
Ion Ratio	Lower	Upper	
276	100		
138	27.0	13.9	20.9#
277	32.3	19.8	29.6#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

