

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021814.D
 Acq On : 10 May 2016 13:24
 Operator : UM/SJ
 Sample : H2938-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA2

Manual Integrations
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Quant Time: May 11 11:33:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57463	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	303584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	187575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	407434	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	407764	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	395638	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6257m	5.26	ng/uL	0.00
5) Phenol-d5	7.33	99	110366	25.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	57112	27.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	103401	31.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	104230m	29.10	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	53449	26.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	43940	34.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	98493	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	104321m	27.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	366339	27.81	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	503763	26.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	47700m	21.12	ng/ul	0.00
58) Fluorene-d10	15.79	176	349031	25.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	31329	27.76	ng/ul	0.00
71) Anthracene-d10	17.64	188	503641	25.39	ng/ul	0.00
77) Pyrene-d10	19.91	212	551363	28.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	503342	26.78	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	70097	5.22	ng/ul	97
75) Fluoranthene	19.58	202	44461	1.76	ng/ul#	94
78) Pyrene	19.94	202	44270m	1.88	ng/ul	
81) Benzo(a)anthracene	21.80	228	44042	1.94	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.69	149	51920	6.10	ng/ul	98
83) Chrysene	21.87	228	45789	2.04	ng/ul	96
86) Benzo(b)fluoranthene	24.09	252	86754	3.83	ng/ul#	93
87) Benzo(k)fluoranthene	24.14	252	33576m	1.38	ng/ul	
89) Benzo(a)pyrene	25.00	252	54931	2.44	ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.96	276	47812	1.79	ng/ul#	84
92) Benzo(g,h,i)perylene	30.14	276	45625m	2.07	ng/ul	

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

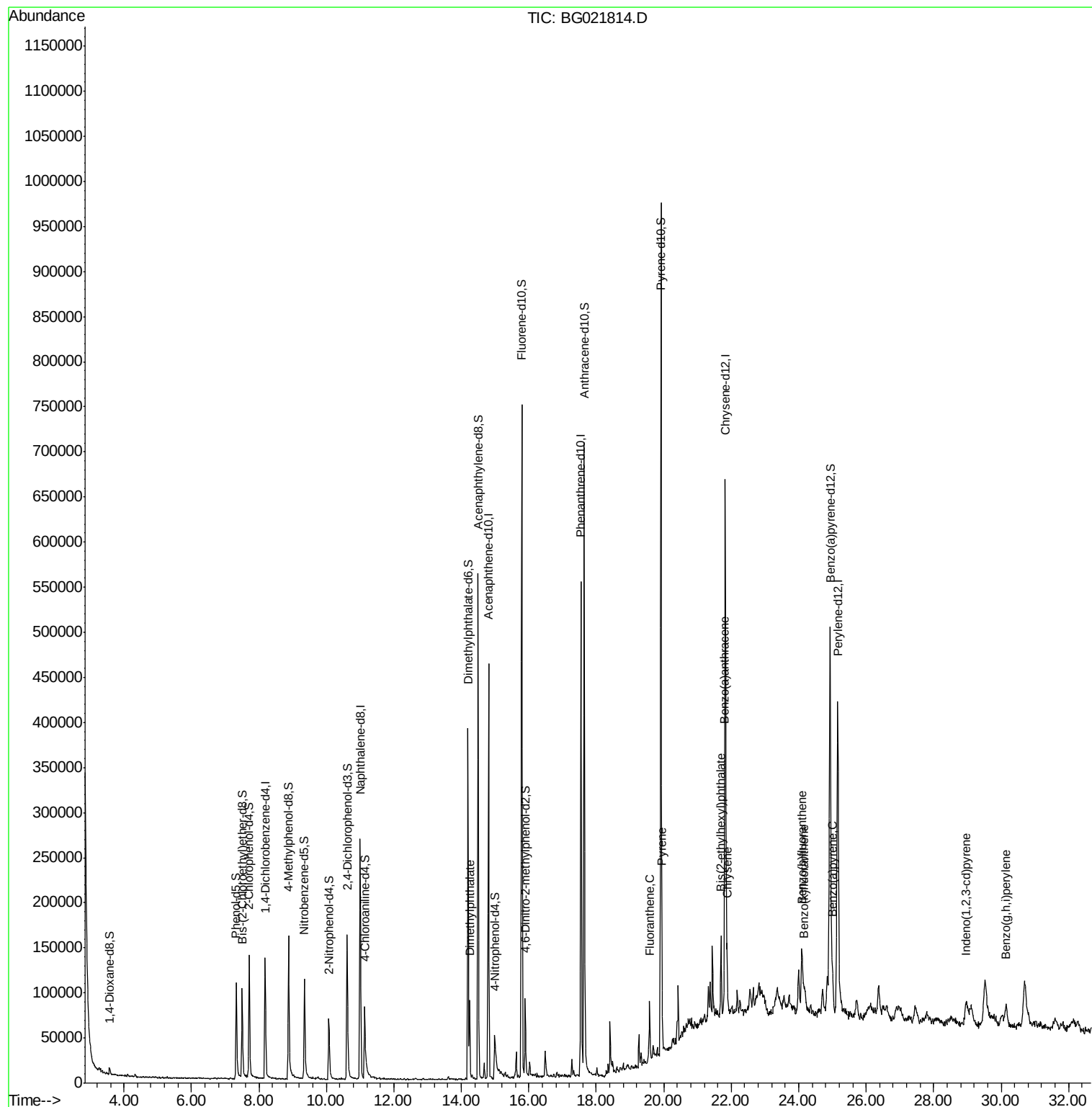
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021814.D
Acq On : 10 May 2016 13:24
Operator : UM/SJ
Sample : H2938-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

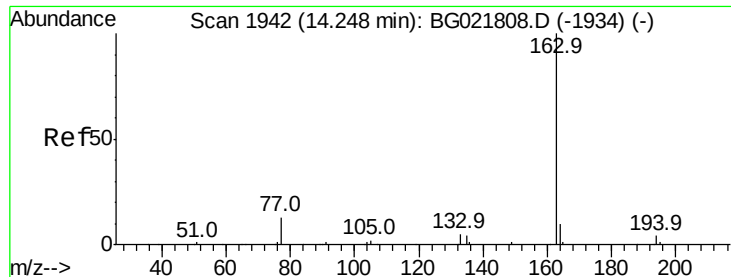
Instrument :
BNA_G
ClientSampleId :
D9XA2

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Quant Time: May 11 11:33:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.22 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG021814.D

Acq: 10 May 2016 13:24

Instrument :

BNA_G

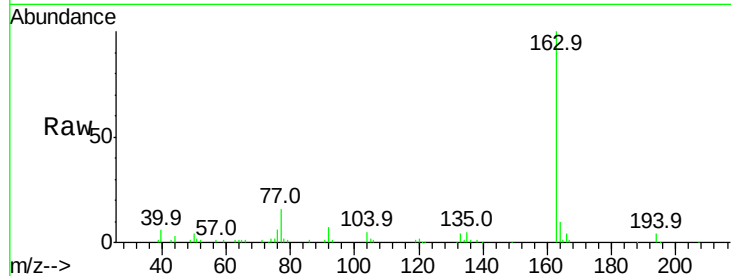
ClientSampleId :

D9XA2

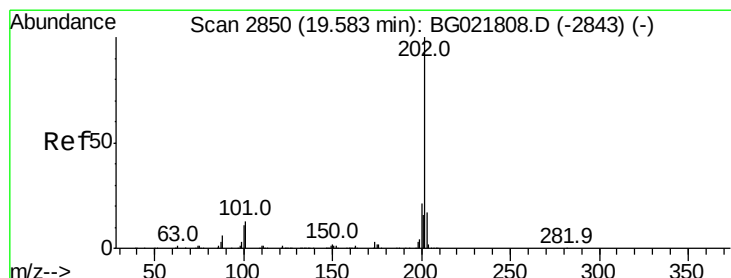
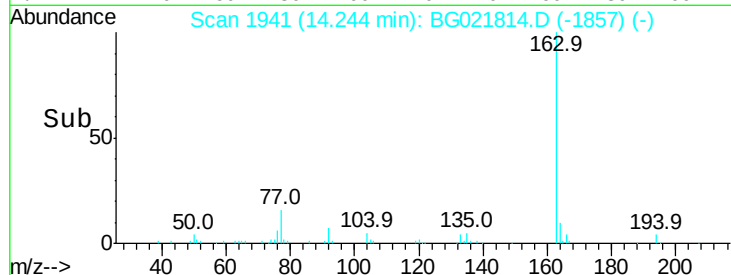
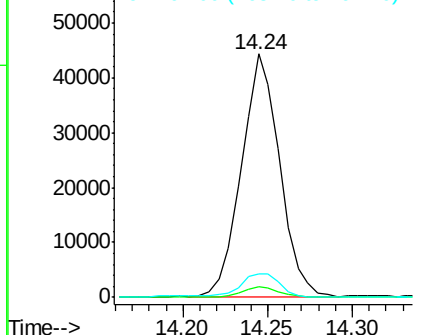
Tot Ion:	163	Resp:	70097
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.9	5.9
164	9.7	8.7	13.1

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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



#75

Fluoranthene

Concen: 1.76 ng/ul

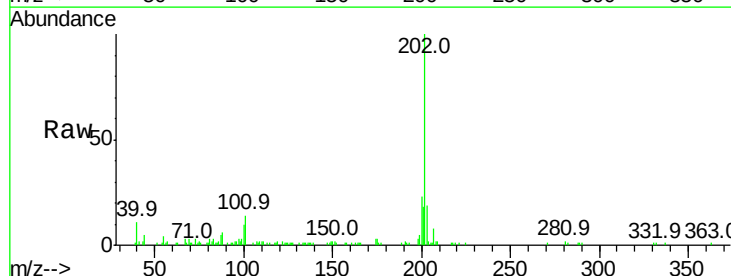
RT: 19.58 min Scan# 2849

Delta R.T. -0.00 min

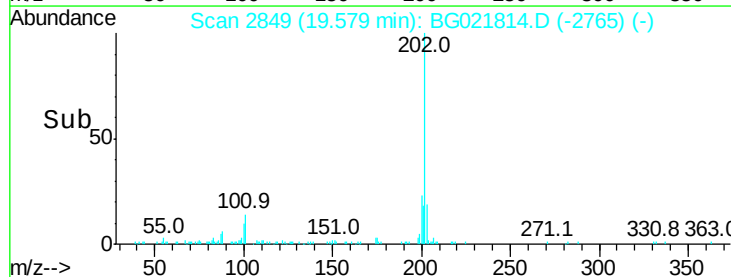
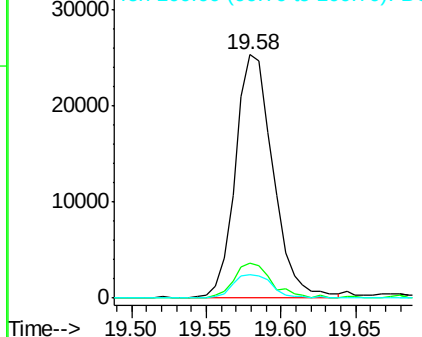
Lab File: BG021814.D

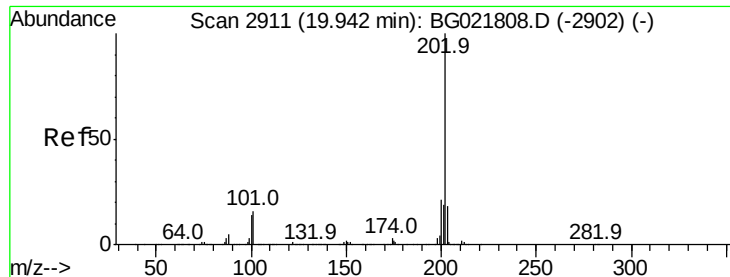
Acq: 10 May 2016 13:24

Tgt Ion:	202	Resp:	44461
Ion Ratio	Lower	Upper	
202	100		
101	14.5	8.9	13.3#
100	9.6	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): E





#78

Pvrene

Concen: 1.88 ng/ul m

RT: 19.94 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BG021814.D

Acq: 10 May 2016 13:24

Instrument :

BNA_G

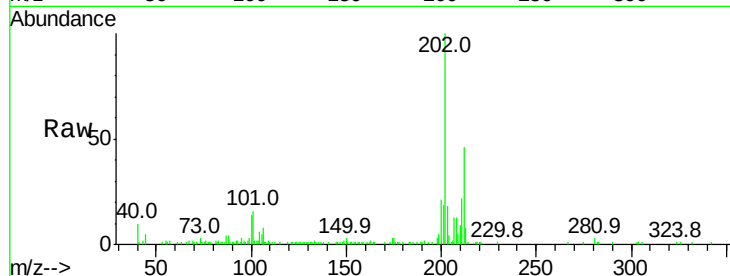
ClientSampleId :

D9XA2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.8	9.8	14.8#
100	14.0	9.3	13.9#

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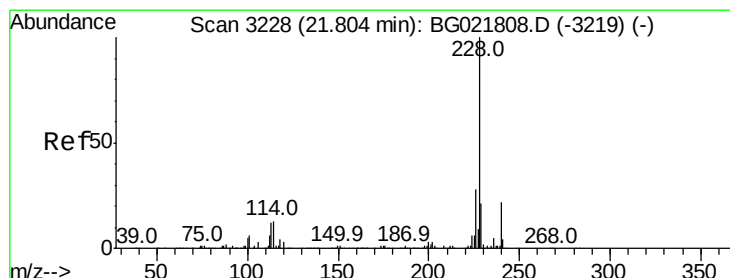
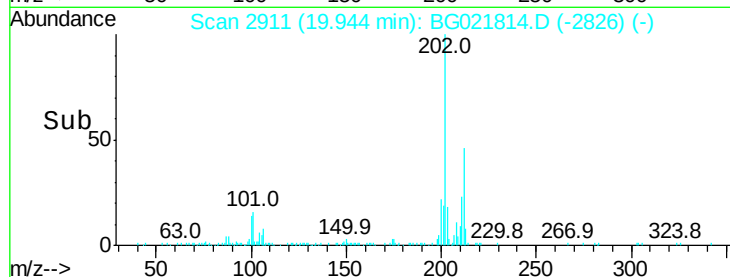
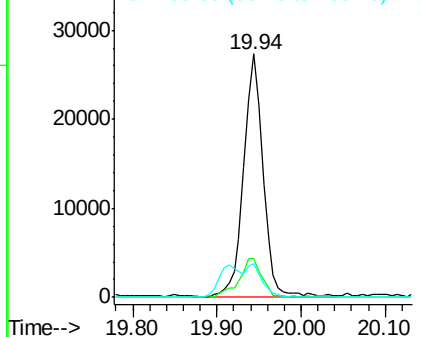
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Benzo(a)anthracene

Concen: 1.94 ng/ul

RT: 21.80 min Scan# 3227

Delta R.T. -0.00 min

Lab File: BG021814.D

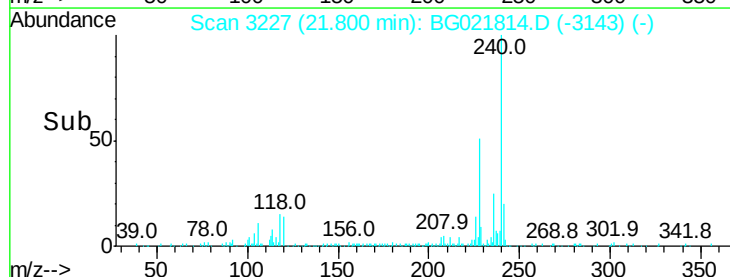
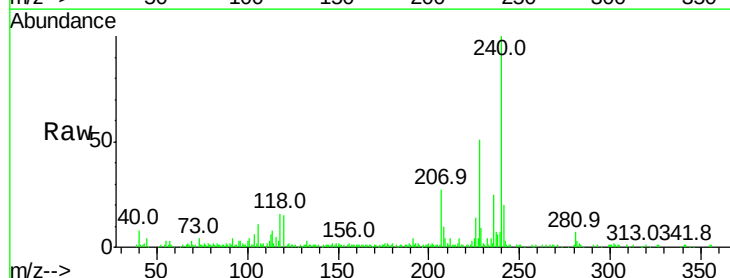
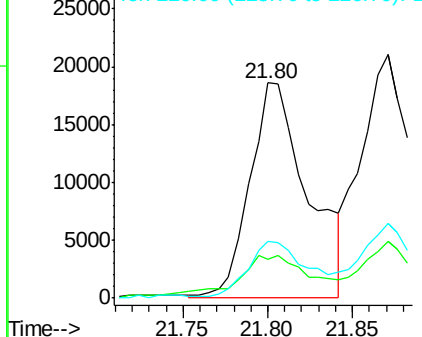
Acq: 10 May 2016 13:24

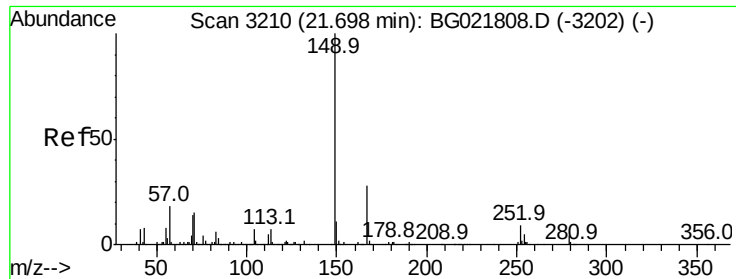
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.1	16.6	25.0
226	26.6	21.0	31.4

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: 6.10 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG021814.D

Acq: 10 May 2016 13:24

Instrument :

BNA_G

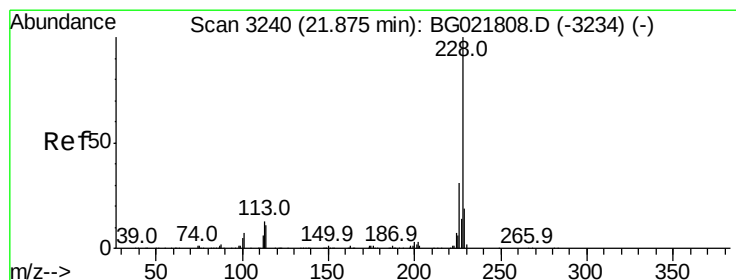
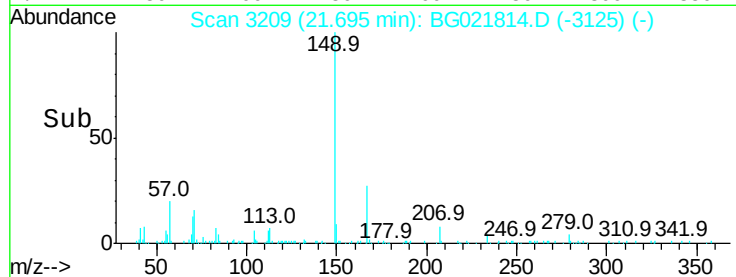
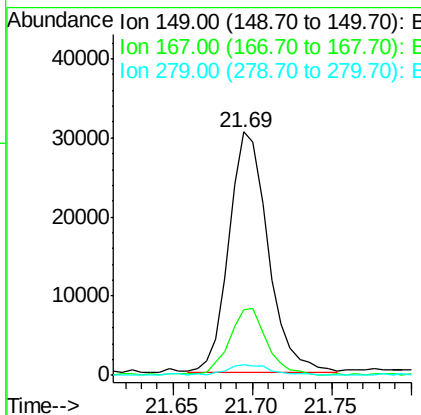
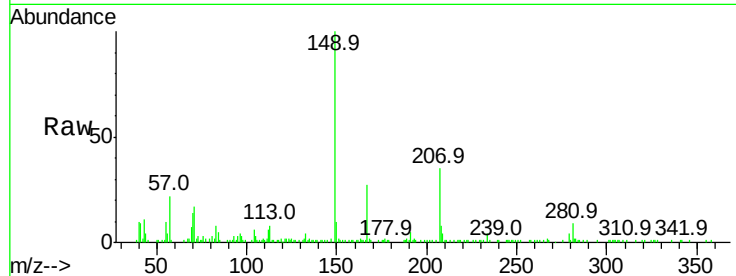
ClientSampleId :

D9XA2

Tot Ion:	149	Resp:	51920
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.5	30.7
279	4.4	3.7	5.5

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#83

Chrysene

Concen: 2.04 ng/ul

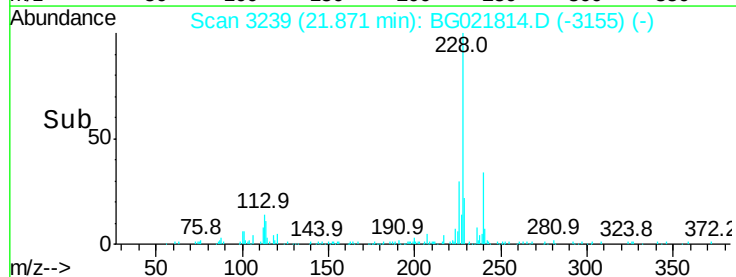
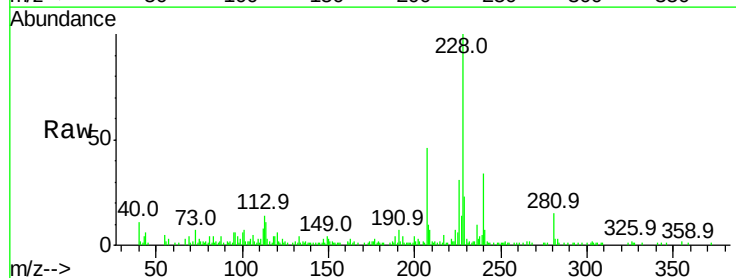
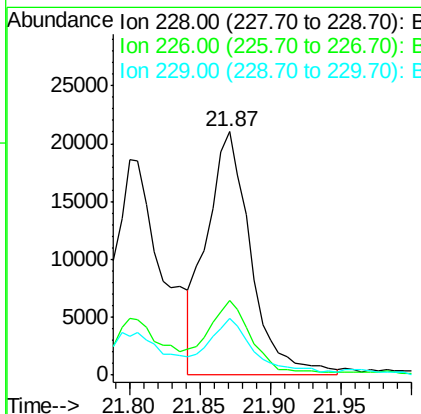
RT: 21.87 min Scan# 3239

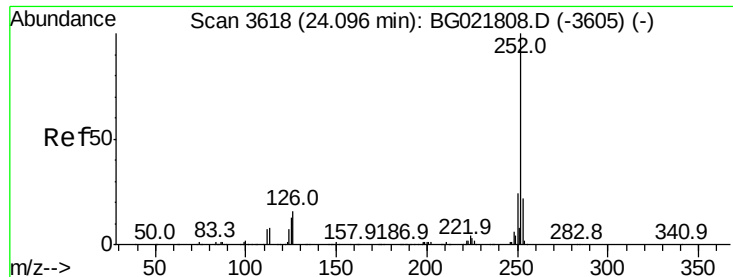
Delta R.T. -0.00 min

Lab File: BG021814.D

Acq: 10 May 2016 13:24

Tgt Ion:	228	Resp:	45789
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	23.1	16.2	24.2





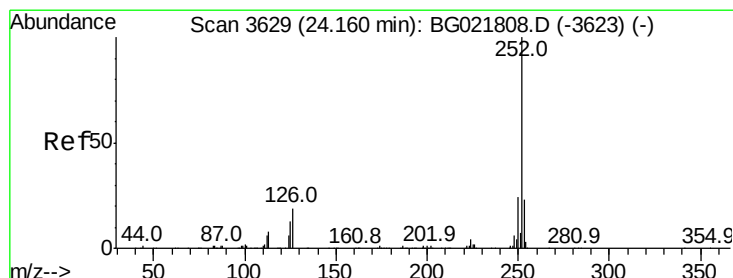
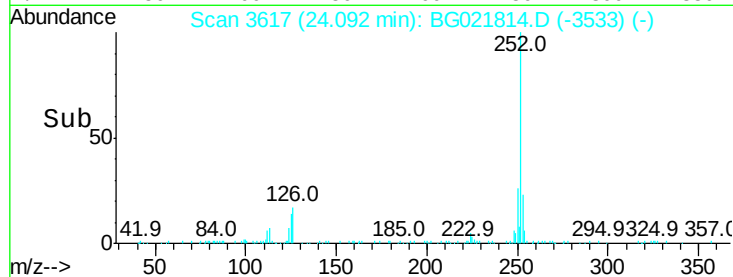
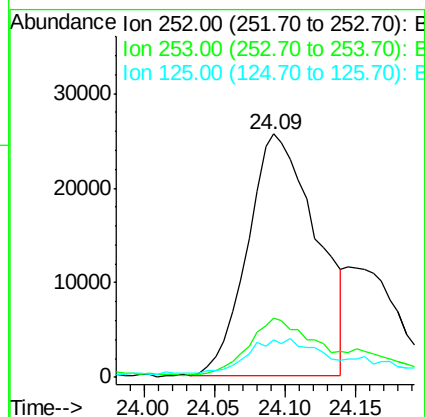
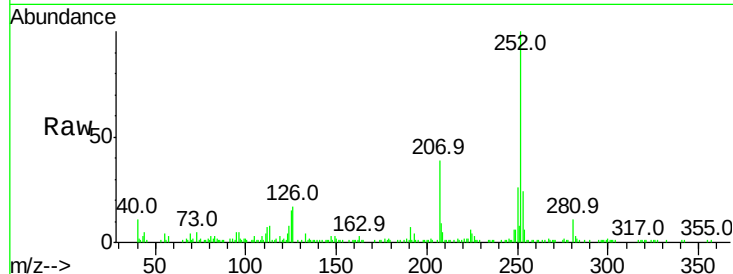
#86
Benzo(b)fluoranthene
Concen: 3.83 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampleId :
D9XA2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	15.5	7.6	11.4

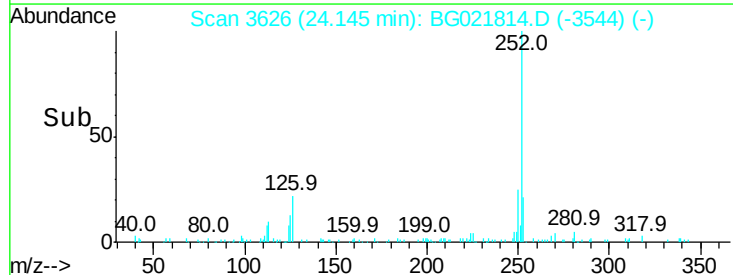
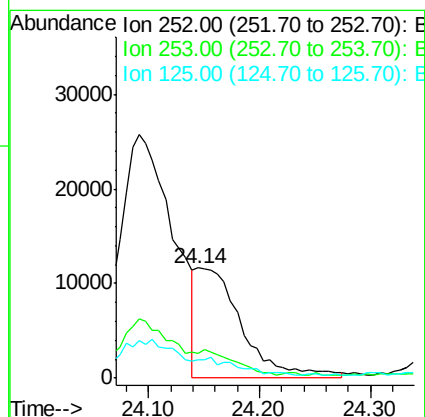
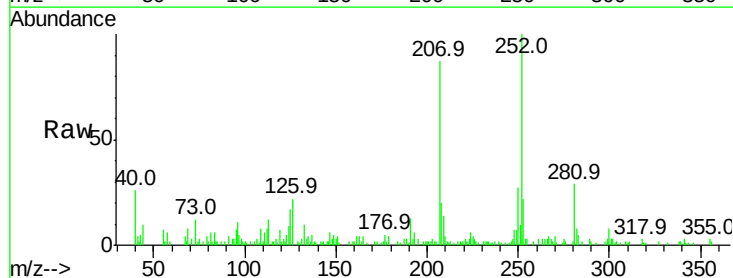
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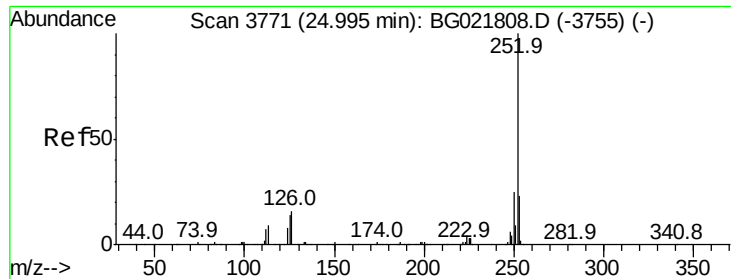
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#87
Benzo(k)fluoranthene
Concen: 1.38 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. -0.02 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	16.5	7.7	11.5





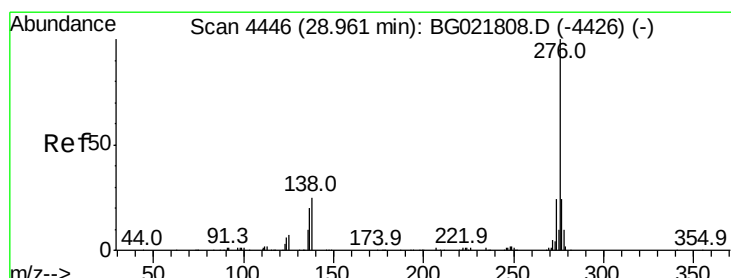
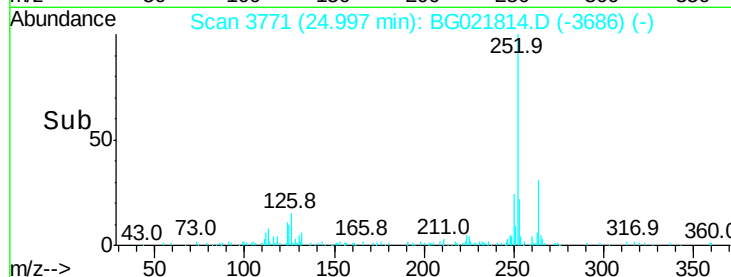
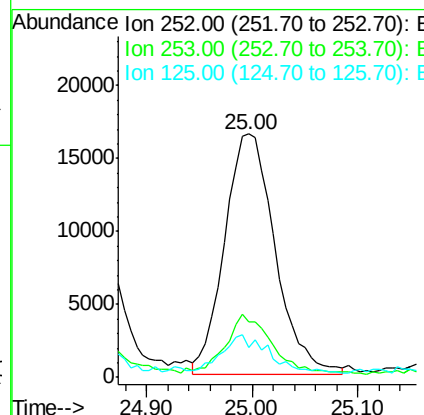
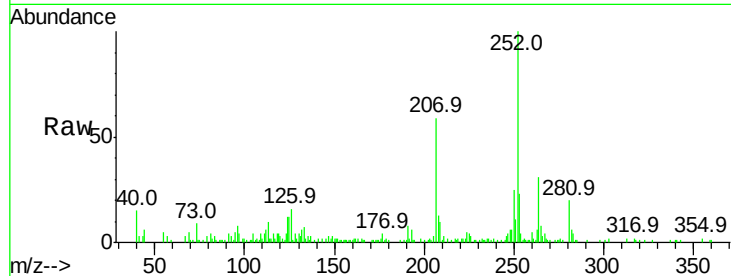
#89
Benzo(a)pyrene
Concen: 2.44 ng/ul
RT: 25.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Instrument :
BNA_G
ClientSampled :
D9XA2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.5	8.2	12.2#

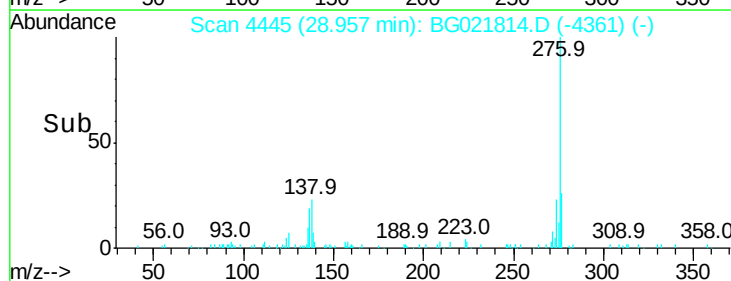
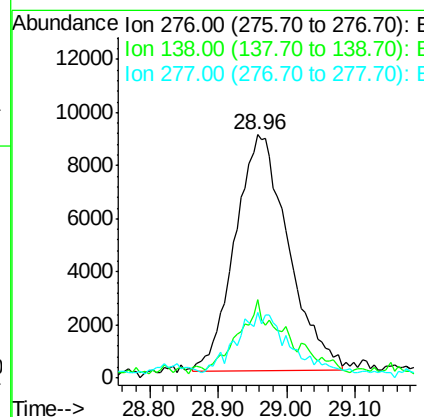
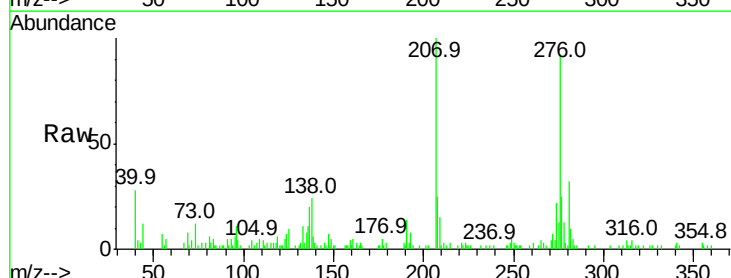
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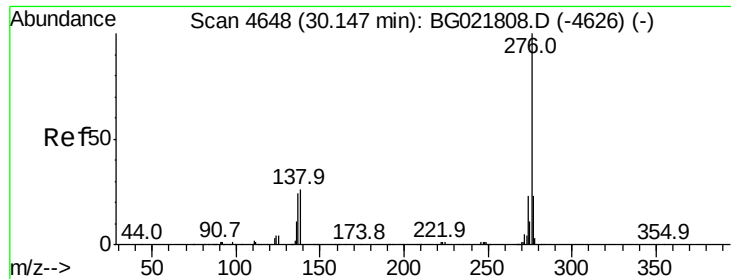
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#90
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 28.96 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG021814.D
Acq: 10 May 2016 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.8	23.6#
277	26.9	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.07 ng/ul m
 RT: 30.14 min Scan# 4647
 Delta R.T. -0.00 min
 Lab File: BG021814.D
 Acq: 10 May 2016 13:24

Instrument :
 BNA_G
 ClientSampleId :
 D9XA2

Tot Ion:	276	Resp:	45625
Ion Ratio	Lower	Upper	
276	100		
138	23.0	13.9	20.9#
277	25.9	19.8	29.6

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