

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025194.D
 Acq On : 15 Dec 2016 2:51
 Operator : UM/SJ
 Sample : H5970-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA843

Manual Integrations
 APPROVED

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 12/15/2016 5:44:34 PM

Quant Time: Dec 15 12:26:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	79750	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	373083	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	294802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	574635	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	688358	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	705273	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6041m	3.91	ng/uL	0.00
5) Phenol-d5	7.38	99	125196	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93775	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	102674	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	102337	17.80	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	58209	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	68029	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	131300	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	17186	2.76	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	435391	21.47	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	506455	22.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	31088	8.92	ng/ul	0.01
57) Fluorene-d10	15.85	176	405038	21.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	61474	17.30	ng/ul	0.00
70) Anthracene-d10	17.70	188	571520	23.56	ng/ul	0.00
76) Pyrene-d10	19.98	212	678872	23.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	666982	23.34	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	26362	3.73	ng/ul	93
28) Naphthalene	11.12	128	35818	2.07	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	40602	2.97	ng/ul	99
44) Dimethylphthalate	14.29	163	256090	12.85	ng/ul	97
53) Dibenzofuran	15.25	168	37713	1.61	ng/ul	90
69) Phenanthrene	17.64	178	212461	7.75	ng/ul	97
71) Anthracene	17.73	178	41143	1.46	ng/ul#	93
74) Fluoranthene	19.64	202	422519	12.96	ng/ul	100
77) Pvrene	20.01	202	460163	13.91	ng/ul	97
80) Benzo(a)anthracene	21.87	228	354527	9.91	ng/ul	97
82) Chrysene	21.94	228	443548	13.26	ng/ul	98
85) Benzo(b)fluoranthene	24.22	252	788434	22.54	ng/ul	96
86) Benzo(k)fluoranthene	24.28	252	263885m	7.94	ng/ul	
88) Benzo(a)pyrene	25.15	252	490153	14.58	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.25	276	446116m	10.68	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	118370m	3.36	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	447149m	12.82	ng/ul	

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

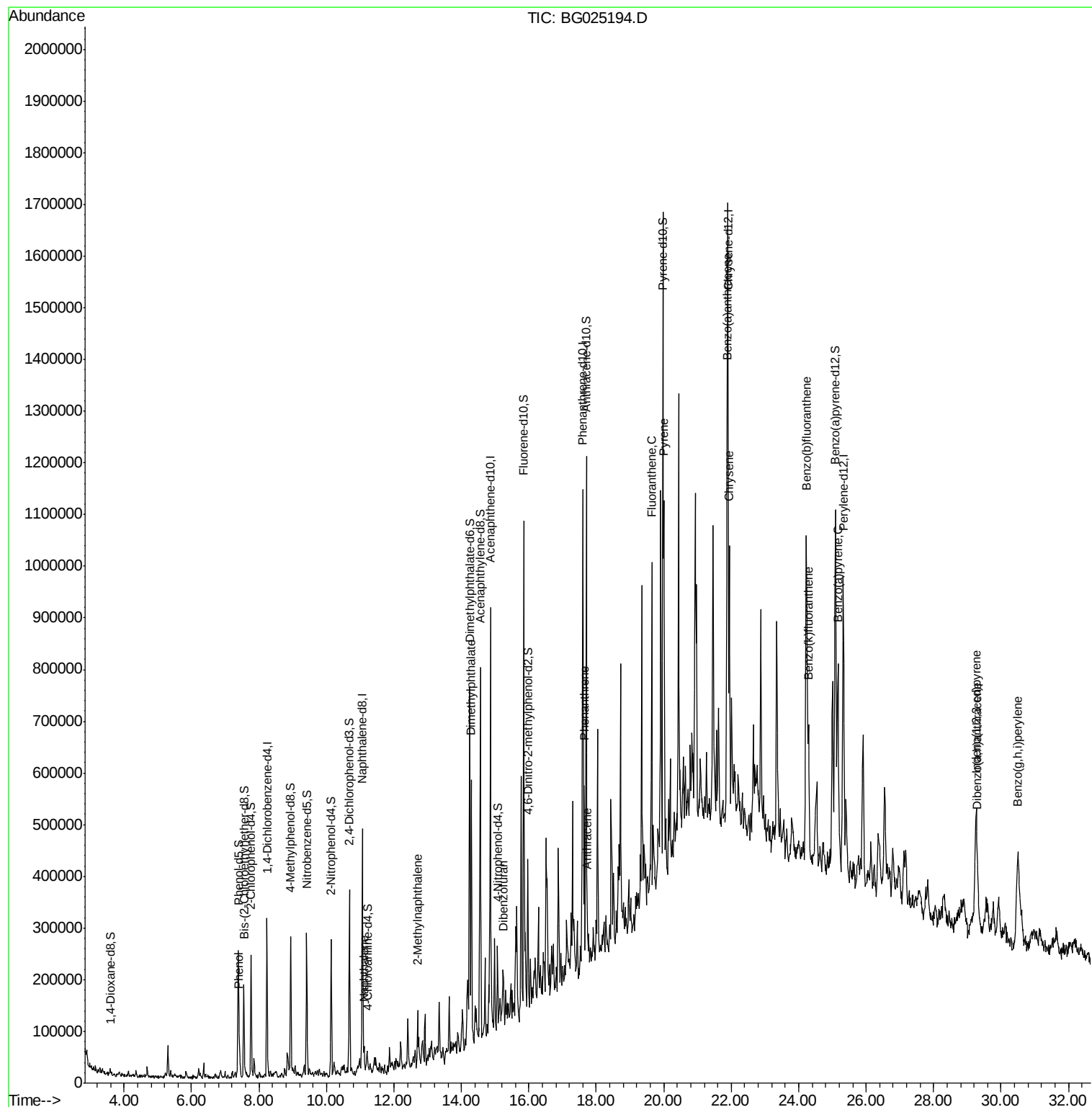
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025194.D
Acq On : 15 Dec 2016 2:51
Operator : UM/SJ
Sample : H5970-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

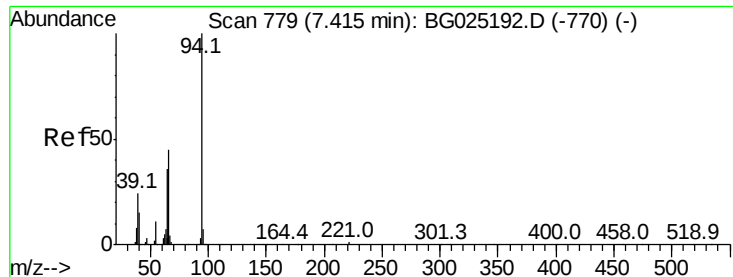
Instrument :
BNA_G
ClientSampled :
DA843

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Quant Time: Dec 15 12:26:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.73 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Instrument :

BNA_G

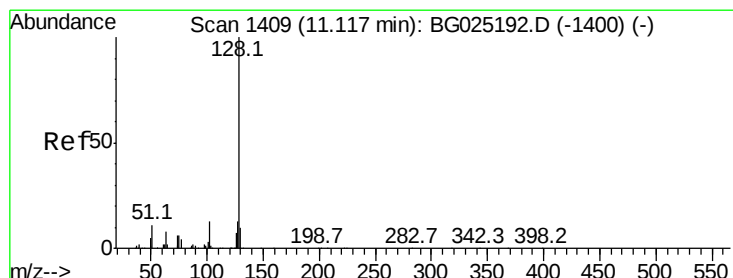
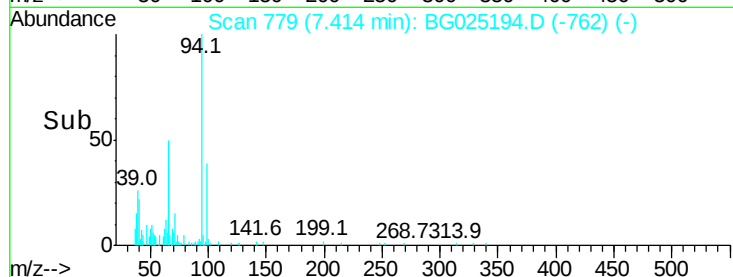
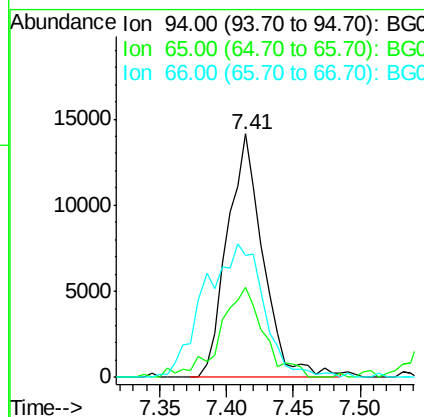
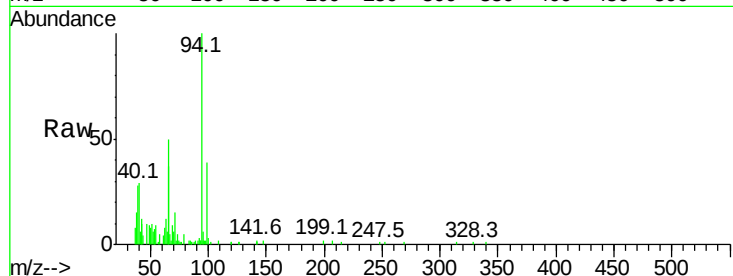
ClientSampleId :

DA843

Tot Ion:	94	Resp:	26362
Ion Ratio	Lower	Upper	
94	100		
65	36.8	26.8	40.2
66	50.0	44.4	66.6

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#28

Naphthalene

Concen: 2.07 ng/ul

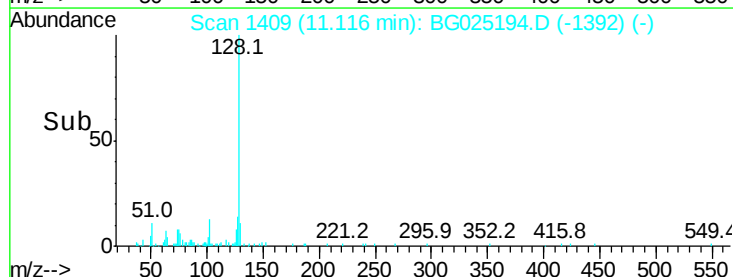
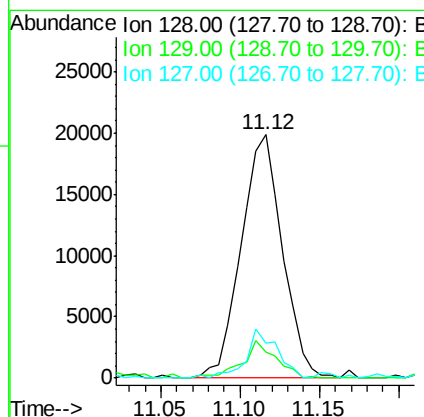
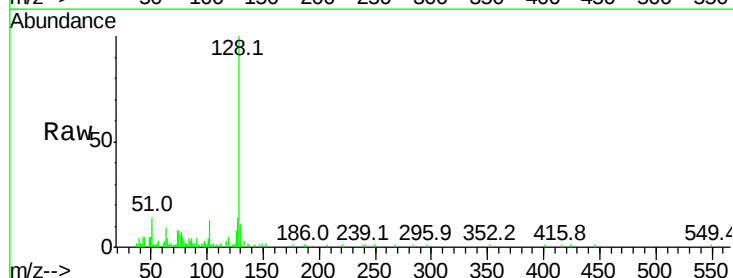
RT: 11.12 min Scan# 1409

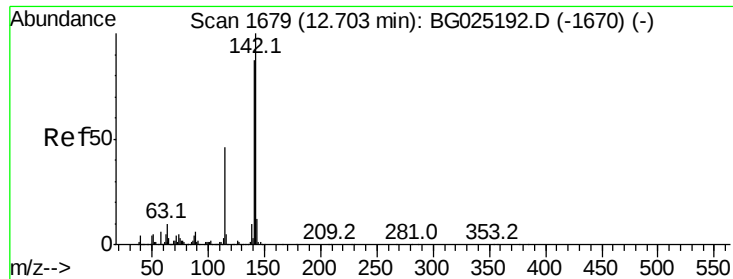
Delta R.T. -0.00 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Tgt Ion:	128	Resp:	35818
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.4	14.2
127	14.1	10.3	15.5





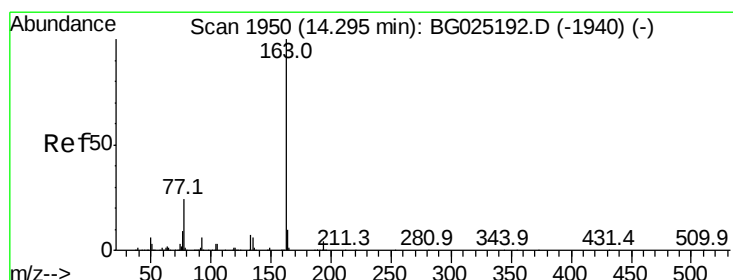
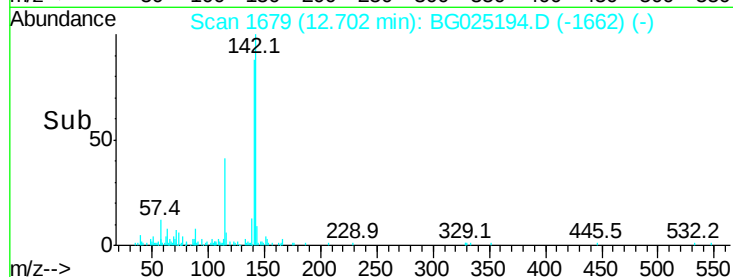
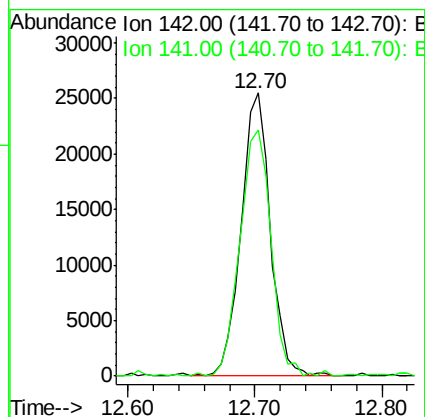
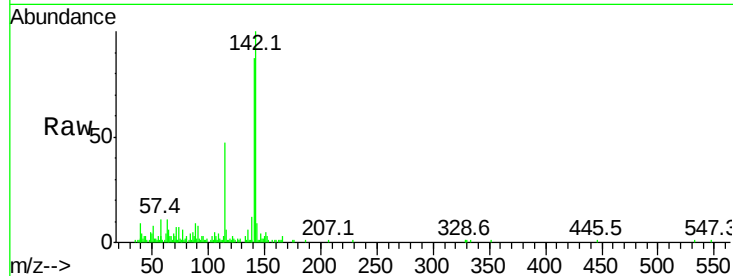
#34
2-Methylnaphthalene
Concen: 2.97 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Instrument :
BNA_G
ClientSampleId :
DA843

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	68.6	102.8

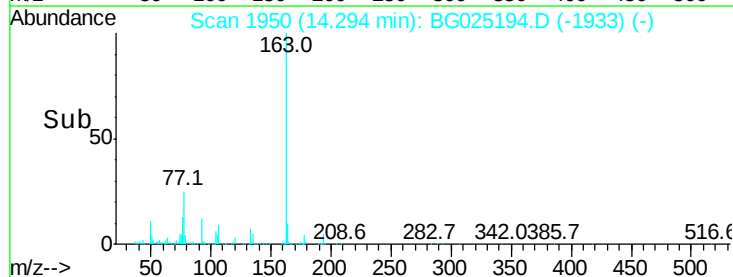
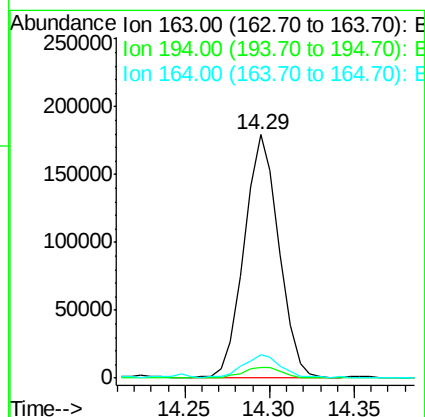
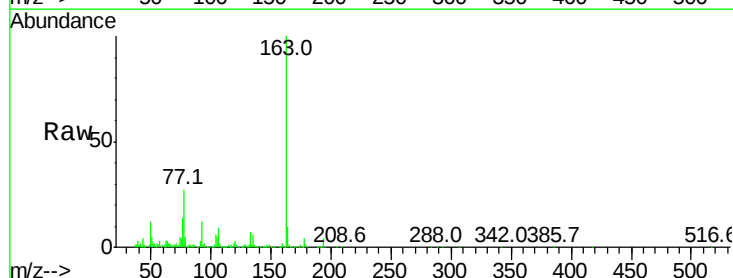
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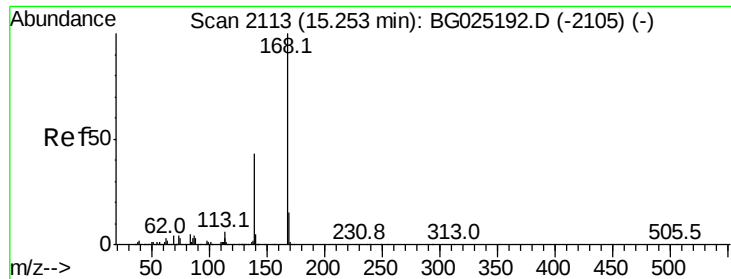
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#44
Dimethylphthalate
Concen: 12.85 ng/ul
RT: 14.29 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.7	9.0	13.4





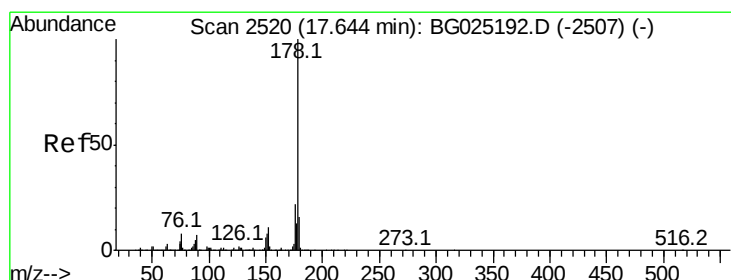
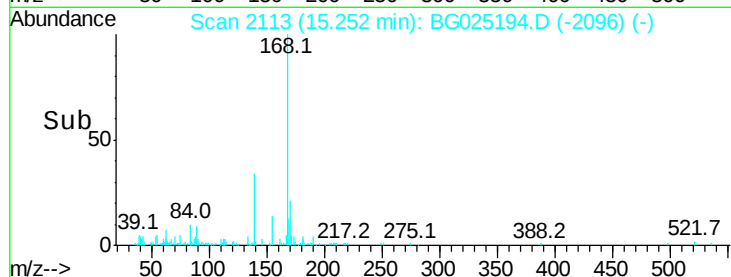
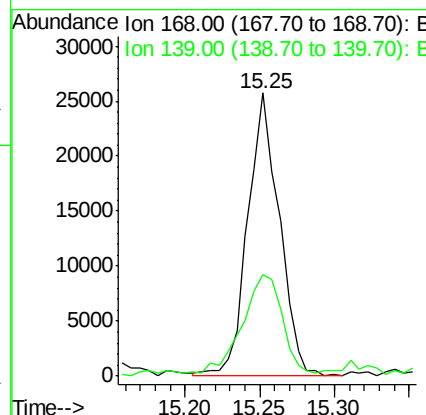
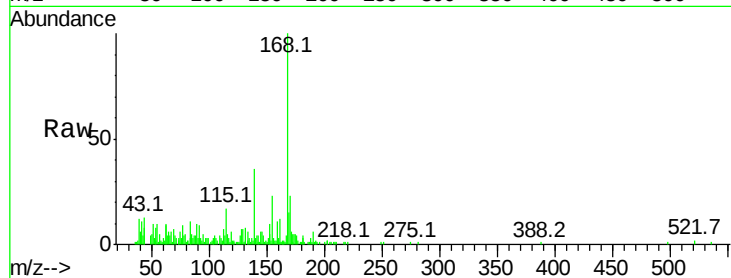
#53
Dibenzenofuran
Concen: 1.61 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Instrument :
BNA_G
ClientSampleId :
DA843

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	33.8	50.8

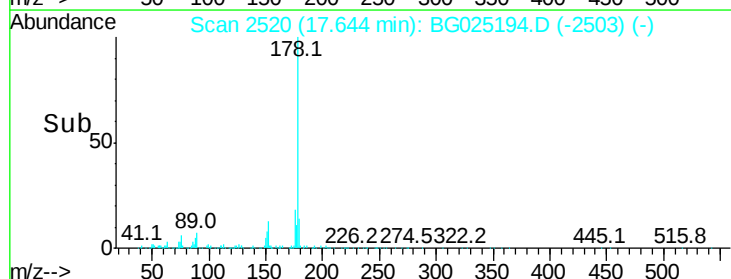
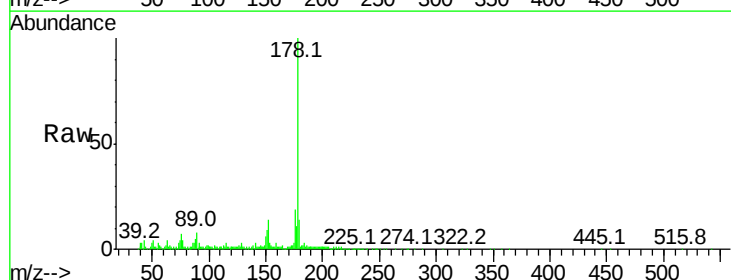
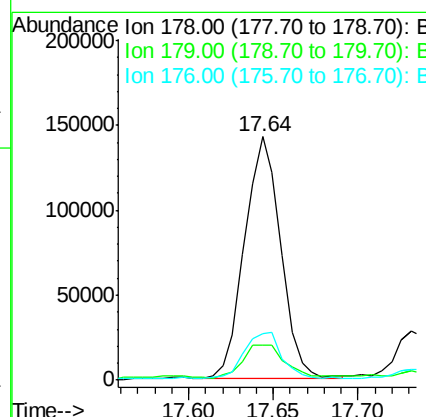
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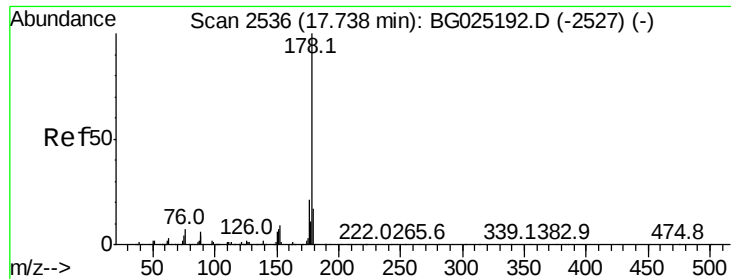
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#69
Phenanthrene
Concen: 7.75 ng/ul
RT: 17.64 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.4	18.6
176	19.0	16.5	24.7





#71

Anthracene

Concen: 1.46 ng/ul

RT: 17.73 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Instrument :

BNA_G

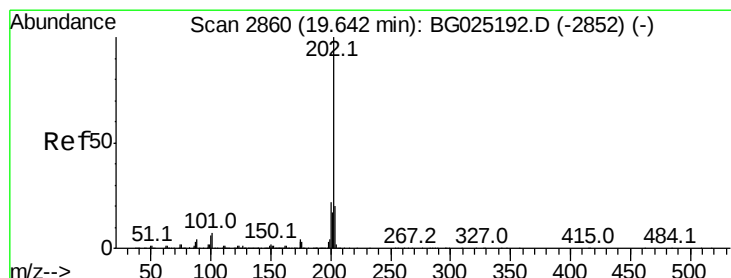
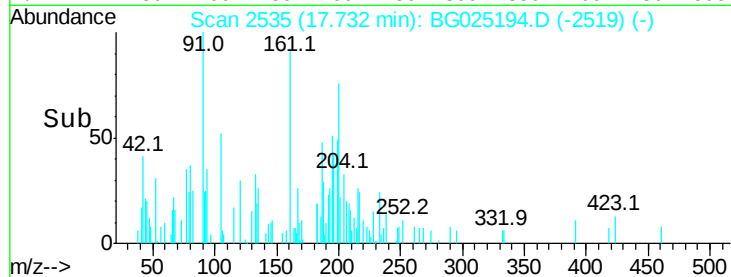
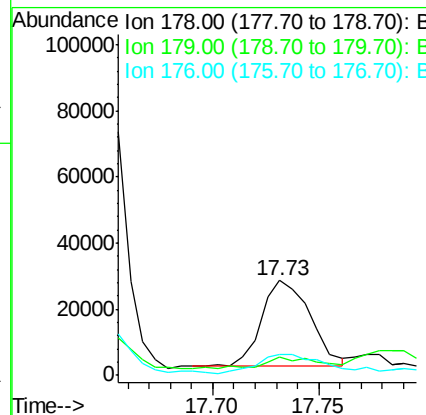
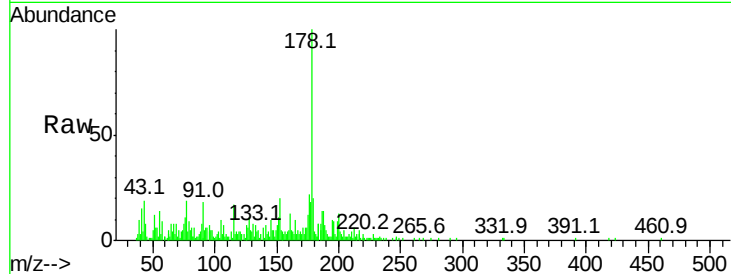
ClientSampled :

DA843

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.6	19.0#
176	22.4	15.9	23.9

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#74

Fluoranthene

Concen: 12.96 ng/ul

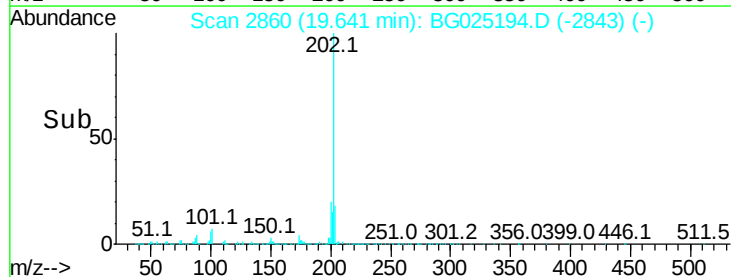
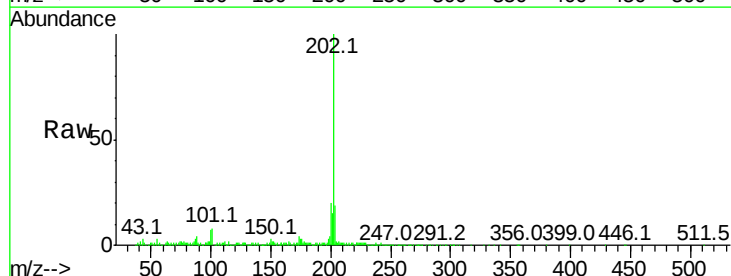
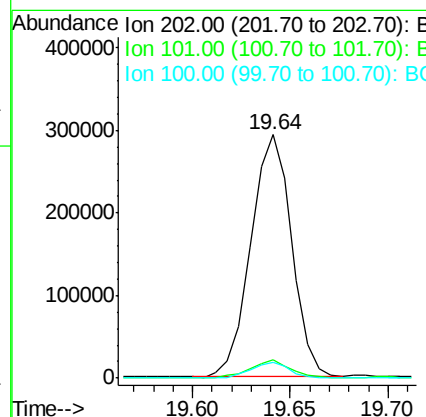
RT: 19.64 min Scan# 2860

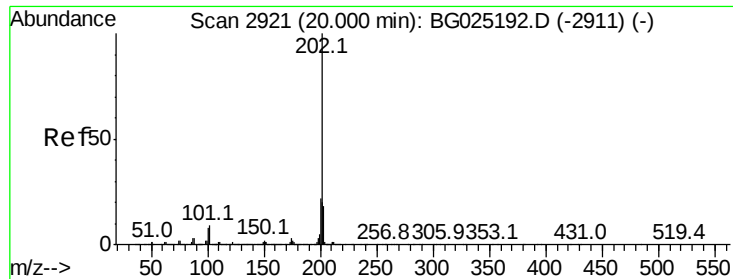
Delta R.T. -0.00 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.2
100	6.6	5.2	7.8





#77

Pvrene

Concen: 13.91 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Instrument :

BNA_G

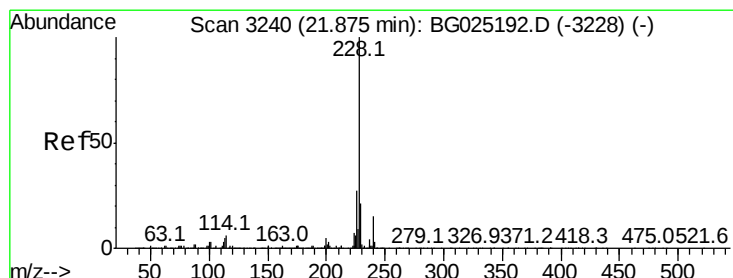
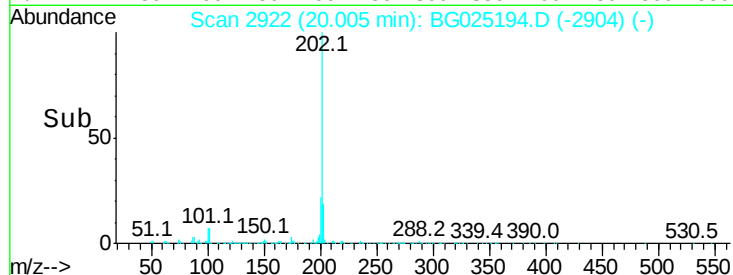
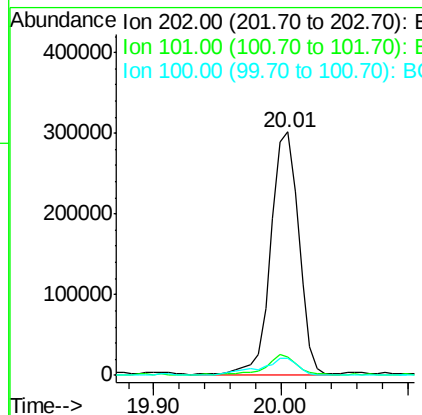
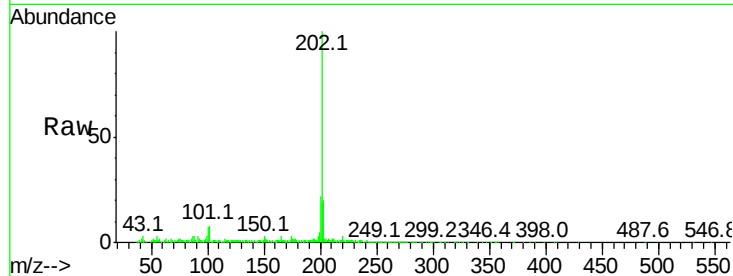
ClientSampleId :

DA843

Tot Ion:	202	Resp:	460163
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.9	10.3
100	7.1	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 9.91 ng/ul

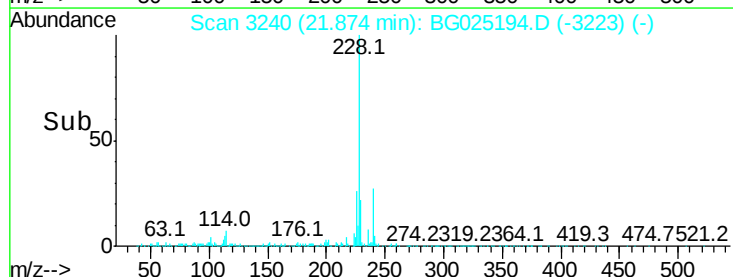
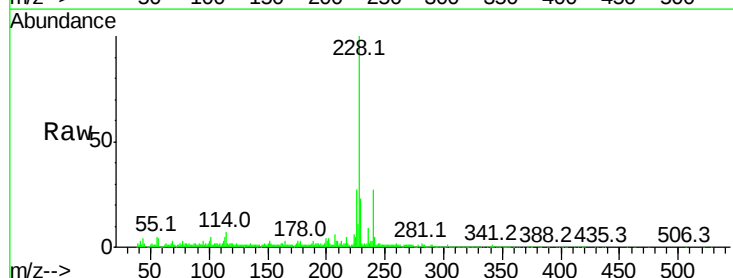
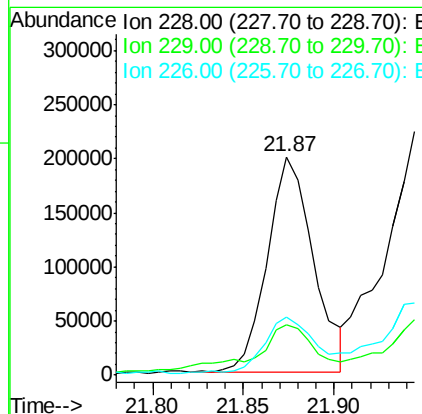
RT: 21.87 min Scan# 3240

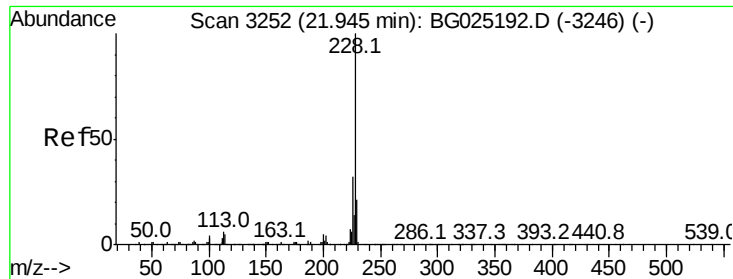
Delta R.T. -0.00 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Tgt Ion:	228	Resp:	354527
Ion Ratio	Lower	Upper	
228	100		
229	23.1	16.3	24.5
226	26.5	21.9	32.9





#82

Chrysene

Concen: 13.26 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Instrument :

BNA_G

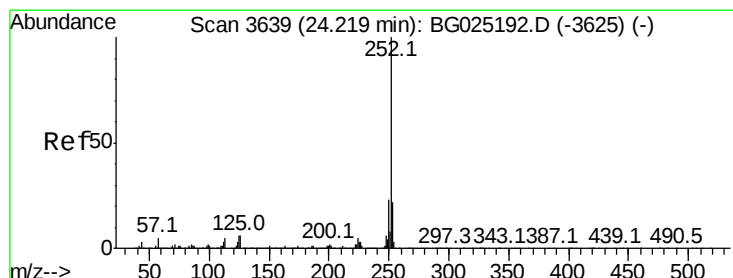
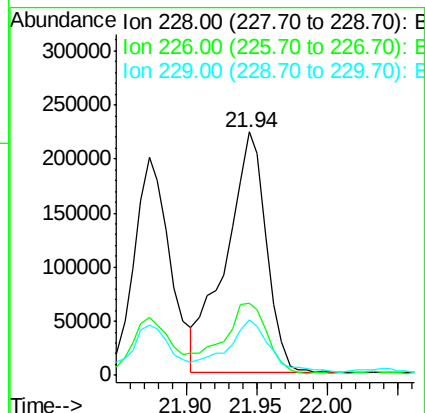
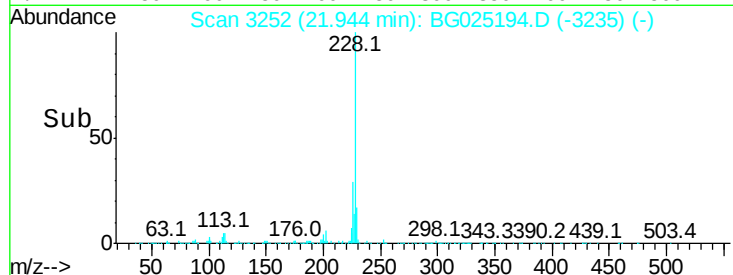
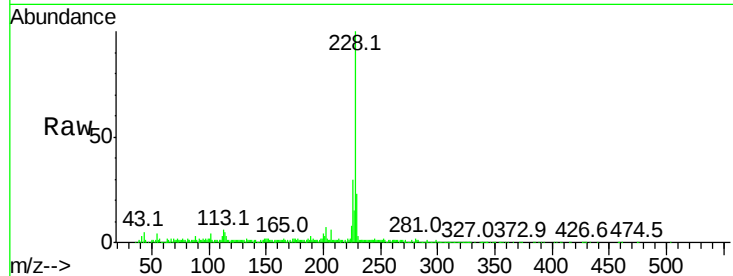
ClientSampleId :

DA843

Tot Ion:	228	Resp:	443548
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.0	36.0
229	22.7	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 22.54 ng/ul

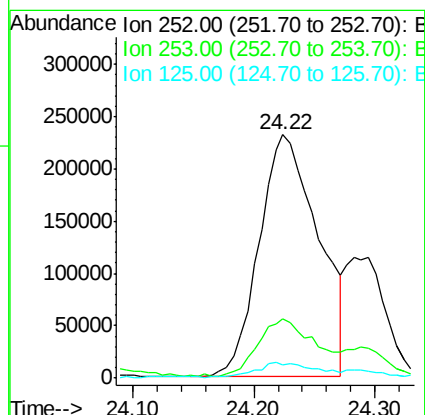
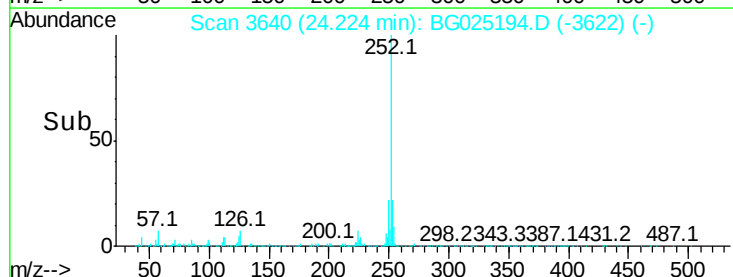
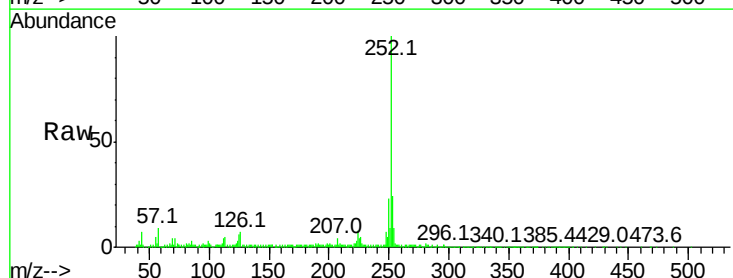
RT: 24.22 min Scan# 3640

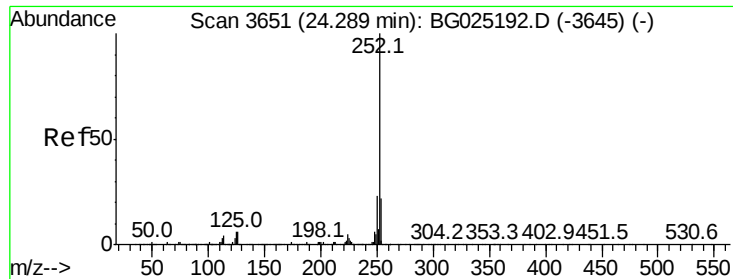
Delta R.T. 0.01 min

Lab File: BG025194.D

Acq: 15 Dec 2016 2:51

Tgt Ion:	252	Resp:	788434
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.7	26.5
125	5.5	4.0	6.0





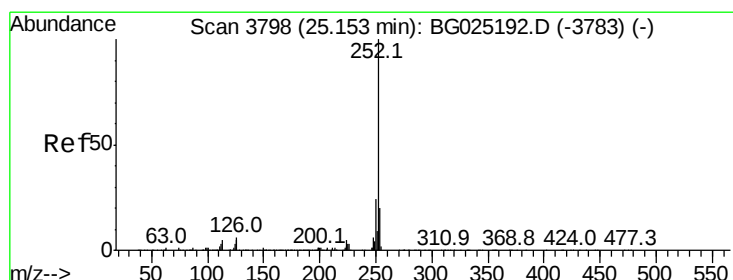
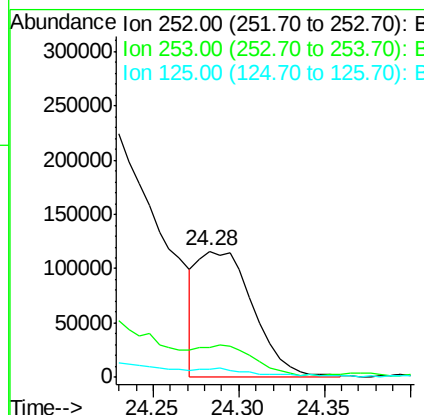
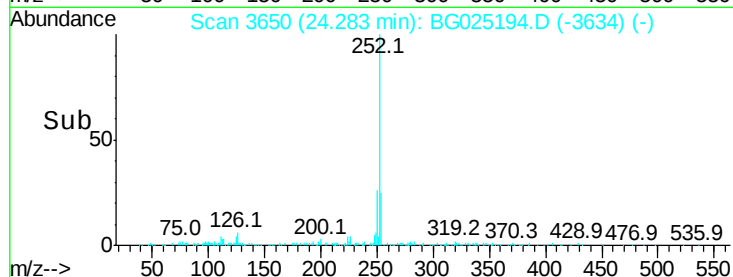
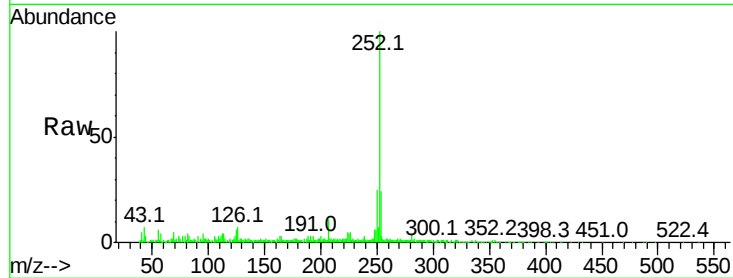
#86
Benzo(k)fluoranthene
Concen: 7.94 ng/ul m
RT: 24.28 min Scan# 3650
Delta R.T. -0.01 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Instrument :
BNA_G
ClientSampled :
DA843

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	18.5	27.7
125	6.3	4.1	6.1#

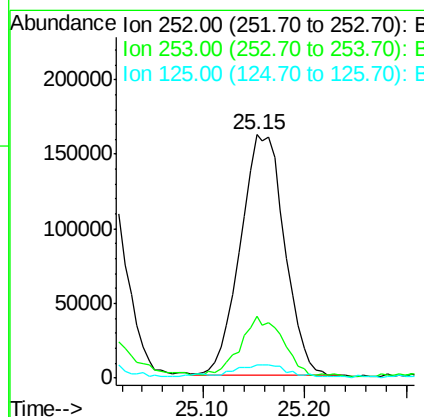
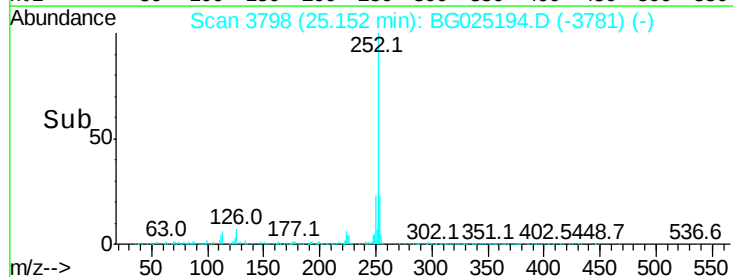
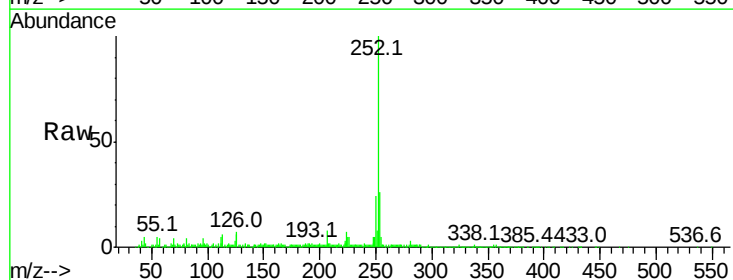
Manual Integrations
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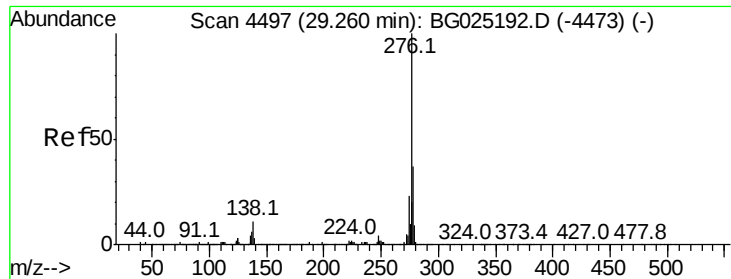
sohil
12/15/2016 5:44:34 PM



#88
Benzo(a)pyrene
Concen: 14.58 ng/ul
RT: 25.15 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	17.8	26.6
125	5.6	5.4	8.0





#89

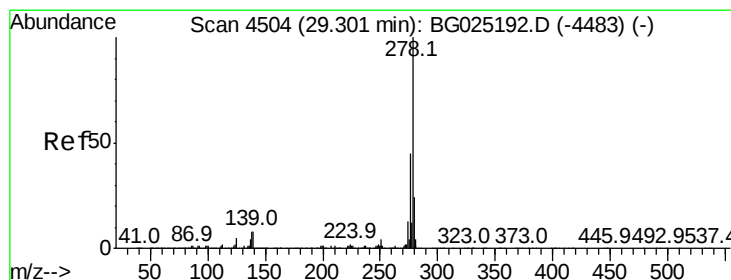
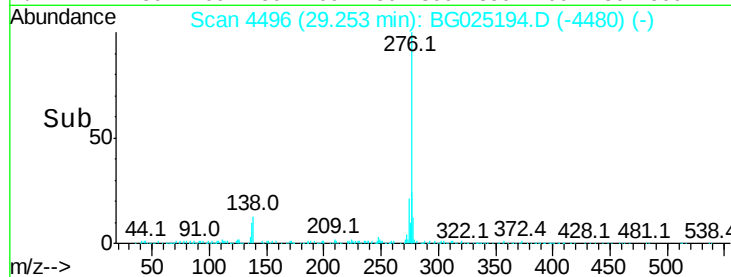
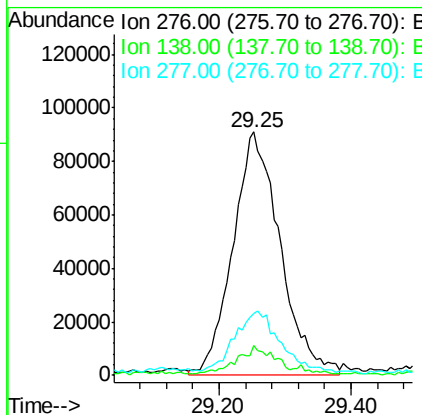
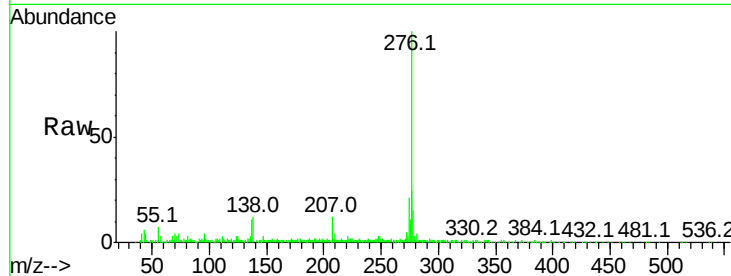
Indeno(1,2,3-cd)pyrene
Concen: 10.68 ng/ul m
RT: 29.25 min Scan# 4496
Delta R.T. -0.01 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Instrument :
BNA_G
ClientSampleId :
DA843

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	8.2	12.4
277	25.2	18.6	28.0

Manual Integrations
APPROVED

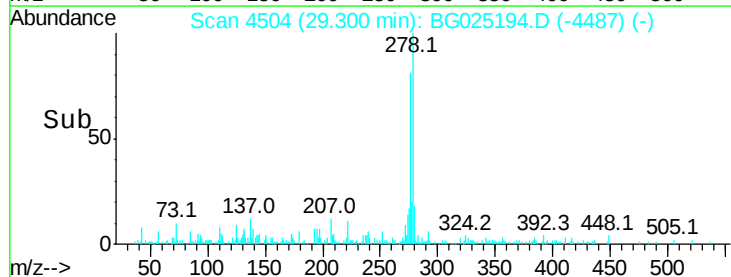
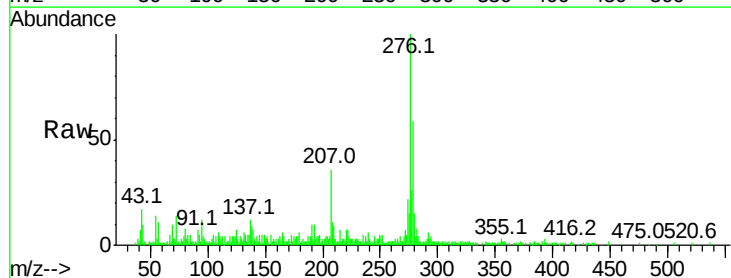
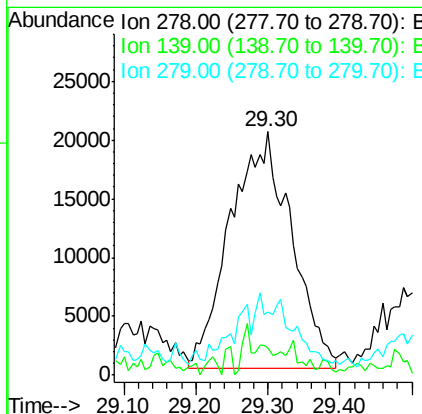
sohil
12/15/2016 5:44:34 PM

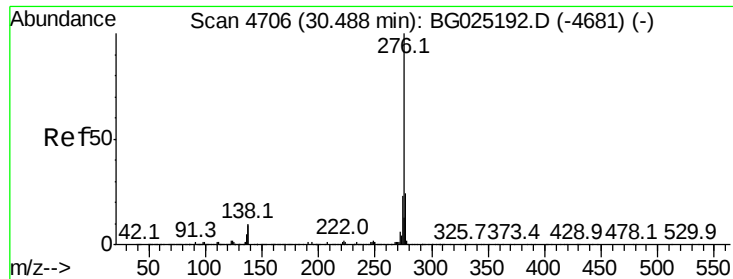


#90

Dibenzo(a,h)anthracene
Concen: 3.36 ng/ul m
RT: 29.30 min Scan# 4504
Delta R.T. -0.00 min
Lab File: BG025194.D
Acq: 15 Dec 2016 2:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.1	6.7	10.1#
279	25.8	20.9	31.3





#91
 Benzo(a,h,i)perylene
 Concen: 12.82 ng/ul m
 RT: 30.49 min Scan# 4707
 Delta R.T. 0.01 min
 Lab File: BG025194.D
 Acq: 15 Dec 2016 2:51

Instrument :
 BNA_G
 ClientSampleId :
 DA843

Tot Ion:	276	Resp:	447149
Ion Ratio	Lower	Upper	
276	100		
138	9.6	8.6	12.8
277	23.7	17.6	26.4

Manual Integrations
 APPROVED

sohil
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