

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030870.D
 Acq On : 9 Nov 2017 6:21
 Operator : SJ/JU
 Sample : I6245-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F18

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:46:40 PM

Quant Time: Nov 09 08:13:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 07:08:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	62741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	301635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	202448	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	483751	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	529835	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	540780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5291	3.43	ng/uL	0.00
5) Phenol-d5	7.31	99	122646	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	71526	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	99753	23.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	96387	19.82	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	53139	24.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	64391	29.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	114401	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	121566	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	383026	22.13	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	479497	22.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	54366	17.01	ng/ul	0.00
57) Fluorene-d10	15.76	176	358482	25.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	44661	18.91	ng/ul	0.00
70) Anthracene-d10	17.61	188	553112	24.18	ng/ul	0.00
76) Pyrene-d10	19.88	212	640574	23.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	654215	25.54	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.34	94	21901	3.515	ng/ul#	87
44) Dimethylphthalate	14.21	163	137761	8.160	ng/ul	98
74) Fluoranthene	19.55	202	74351	2.544	ng/ul	99
77) Pyrene	19.91	202	95220	2.682	ng/ul	99
80) Benzo(a)anthracene	21.76	228	61169	1.842	ng/ul	98
82) Chrysene	21.83	228	73260	2.428	ng/ul	99
85) Benzo(b)fluoranthene	24.03	252	75298m	2.319	ng/ul	
88) Benzo(a)pyrene	24.93	252	49093	1.554	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	38955	1.090	ng/ul	92
91) Benzo(g,h,i)perylene	30.05	276	35151	1.186	ng/ul	97

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

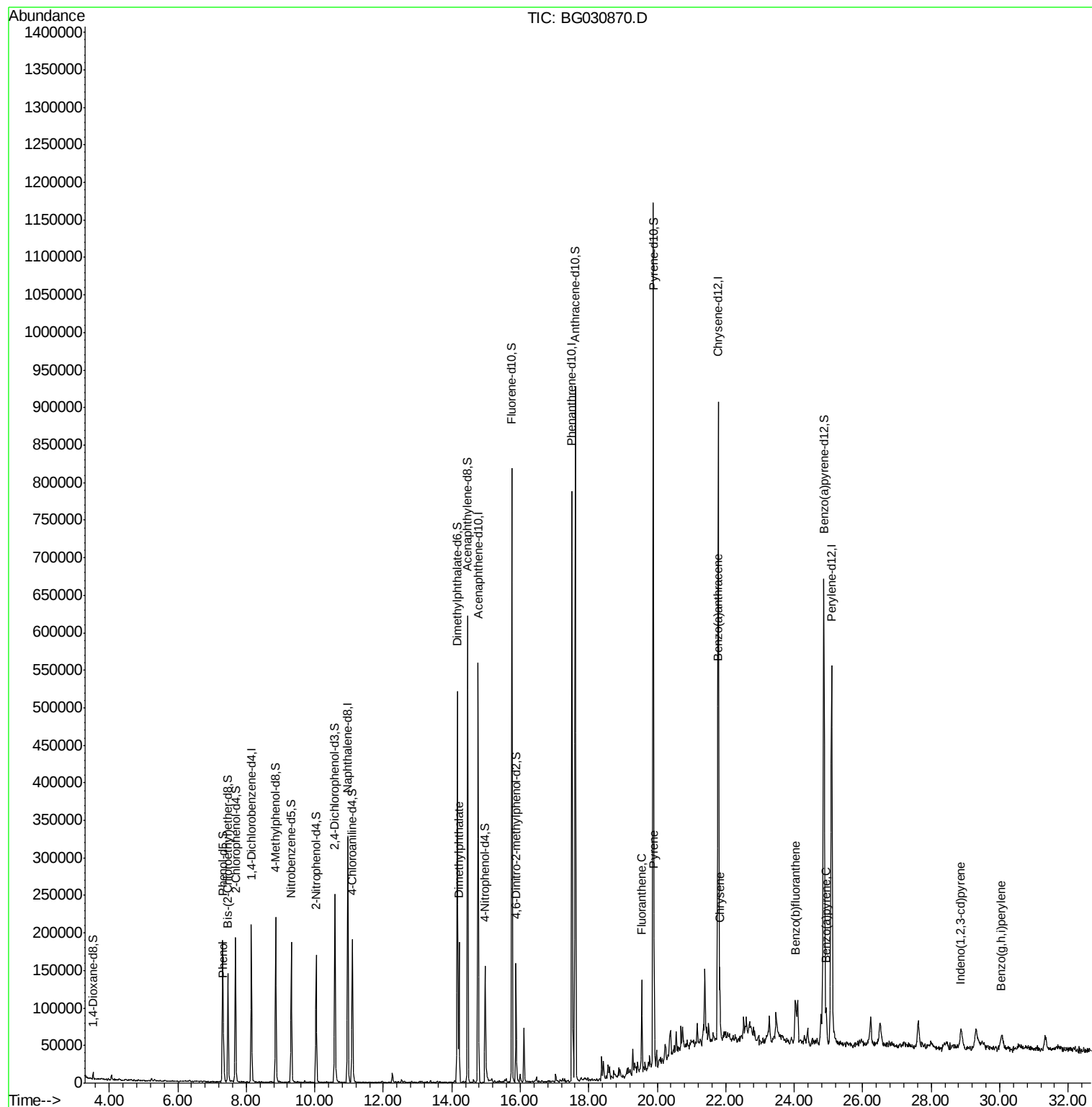
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030870.D
Acq On : 9 Nov 2017 6:21
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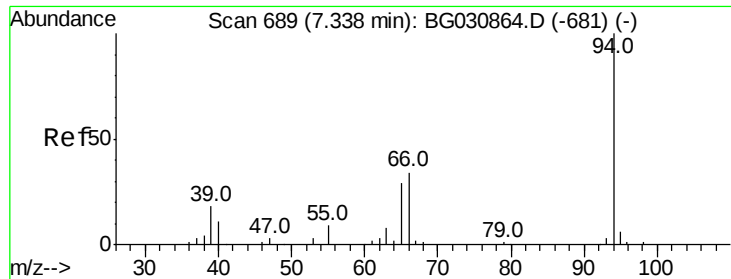
Instrument :
BNA_G
ClientSampleId :
B0F18

Manual Integrations
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Quant Time: Nov 09 08:13:02 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 07:08:58 2017
Response via : Initial Calibration





#6

Phenol

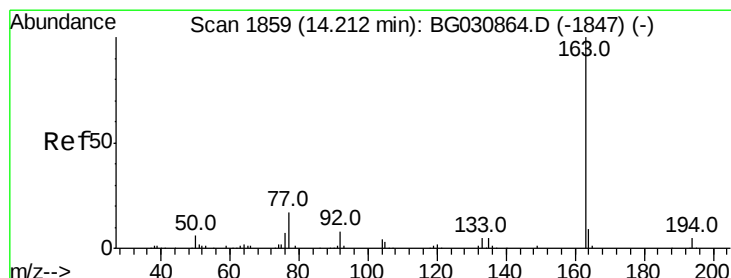
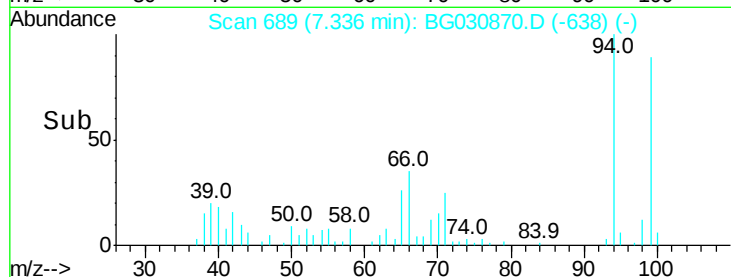
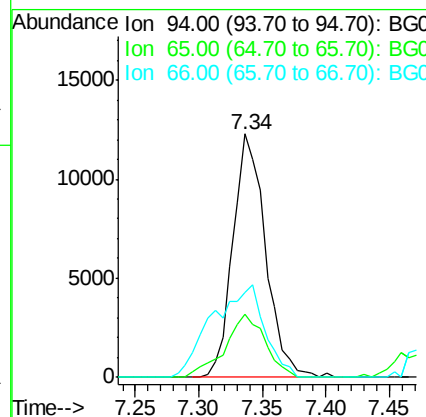
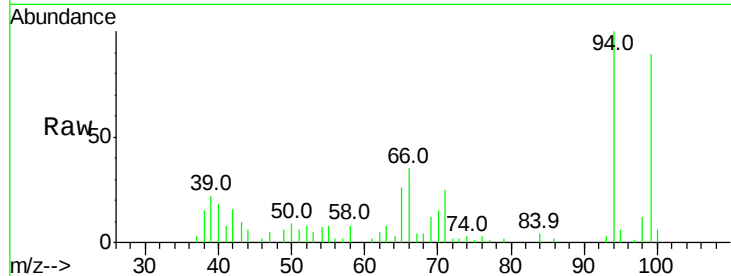
Concen: 3.515 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BG030870.D
 Acq: 9 Nov 2017 6:21

Instrument :
 BNA_G
 ClientSampleId :
 B0F18

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.1	27.1	40.7#
66	34.7	34.6	52.0

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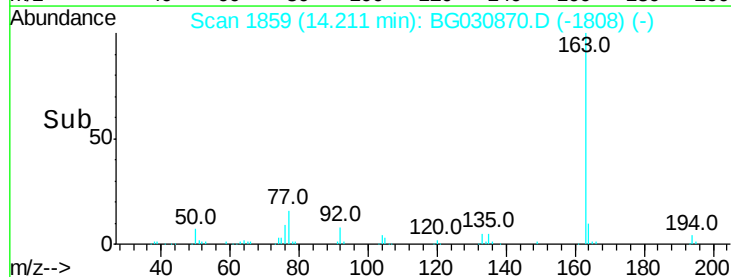
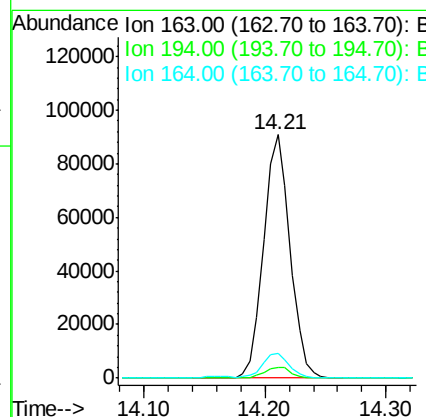
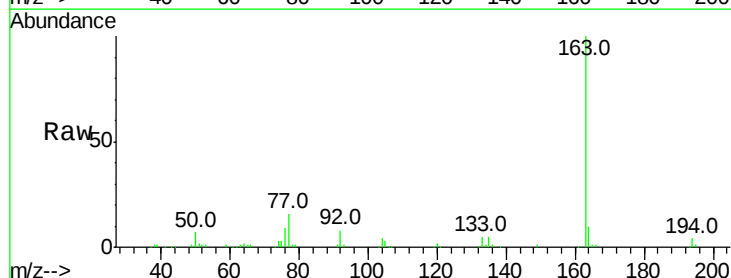


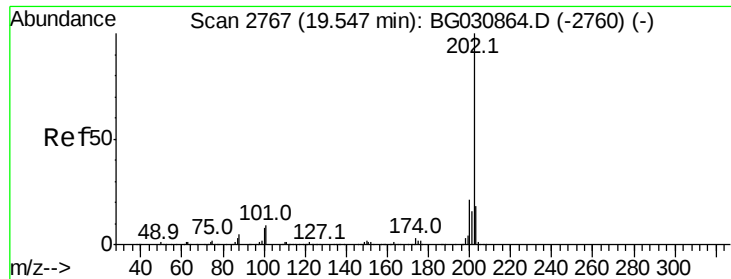
#44

Dimethylphthalate

Concen: 8.160 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: BG030870.D
 Acq: 9 Nov 2017 6:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	7.6	11.4





#74

Fluoranthene

Concen: 2.544 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Instrument :

BNA_G

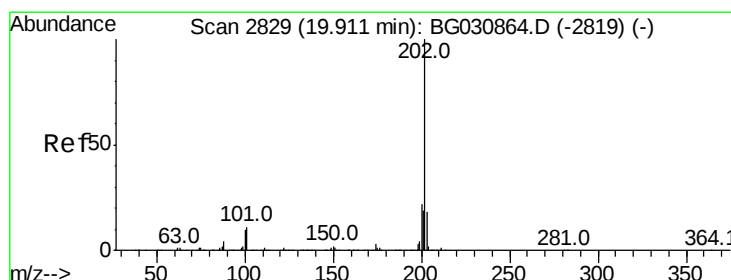
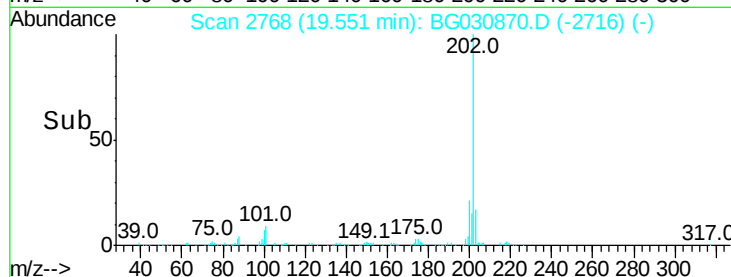
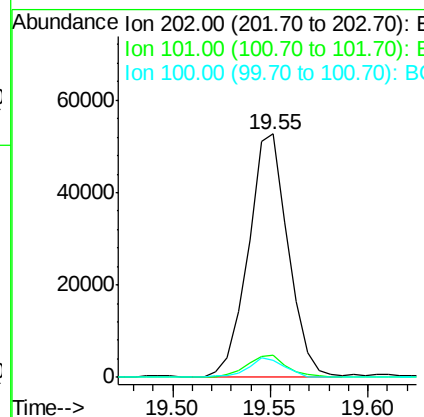
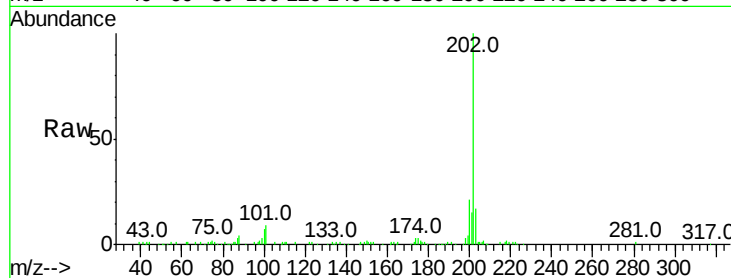
ClientSampleId :

B0F18

Tot Ion:	202	Resp:	74351
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.4	11.2
100	6.8	5.6	8.4

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#77

Pyrene

Concen: 2.682 ng/ul

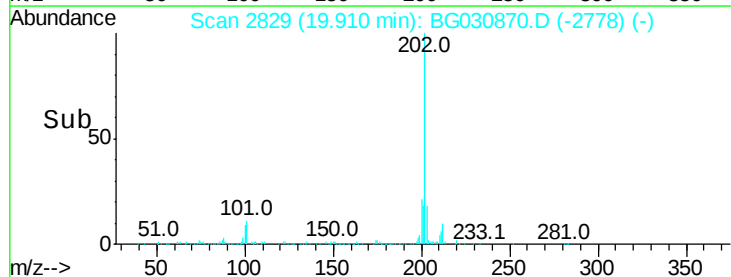
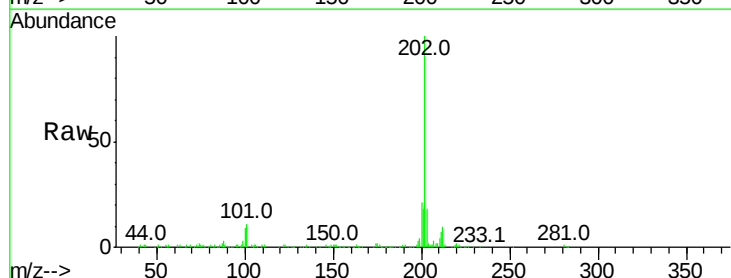
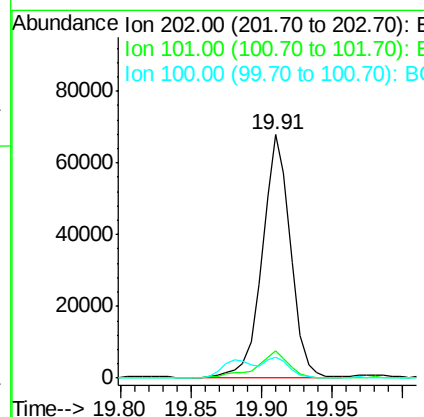
RT: 19.91 min Scan# 2829

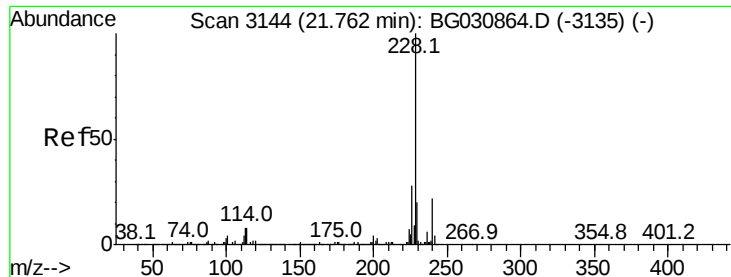
Delta R.T. -0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Tgt Ion:	202	Resp:	95220
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.4	12.6
100	8.8	7.0	10.6





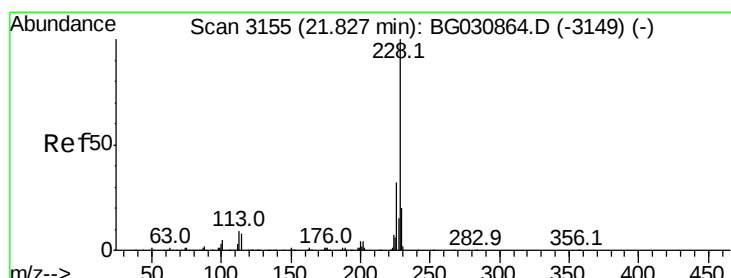
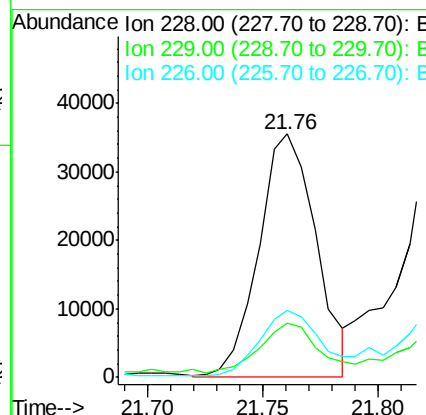
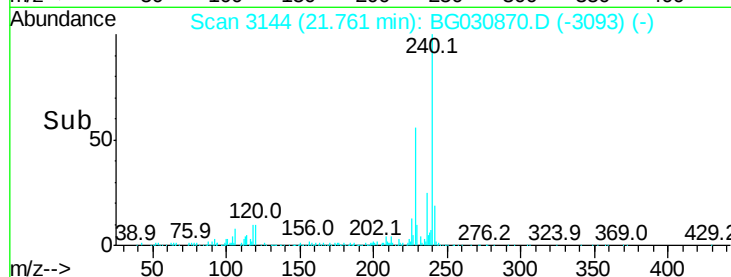
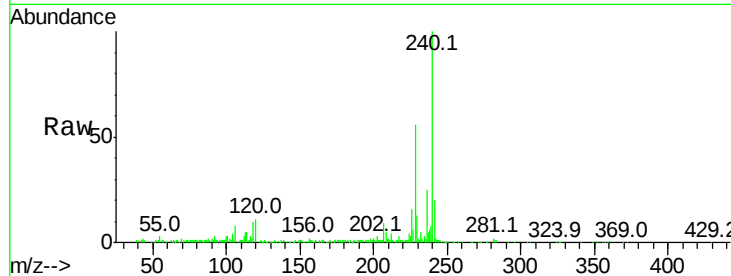
#80
Benzo(a)anthracene
Concen: 1.842 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG030870.D
Acq: 9 Nov 2017 6:21

Instrument :
BNA_G
ClientSampleId :
B0F18

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.2	24.4
226	27.7	22.2	33.2

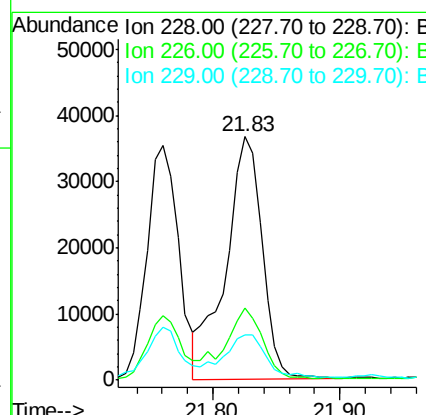
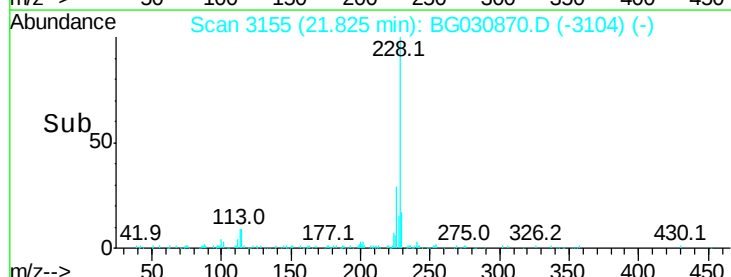
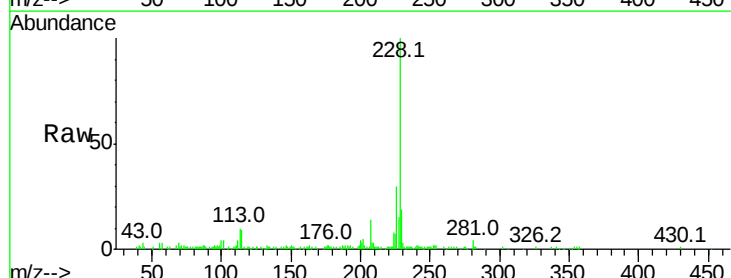
Manual Integrations
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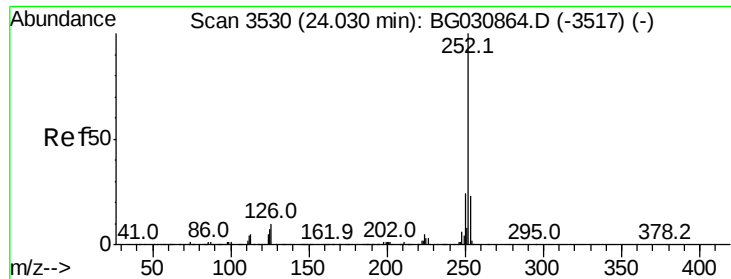
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#82
Chrysene
Concen: 2.428 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030870.D
Acq: 9 Nov 2017 6:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	18.7	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 2.319 ng/ul m

RT: 24.03 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Instrument :

BNA_G

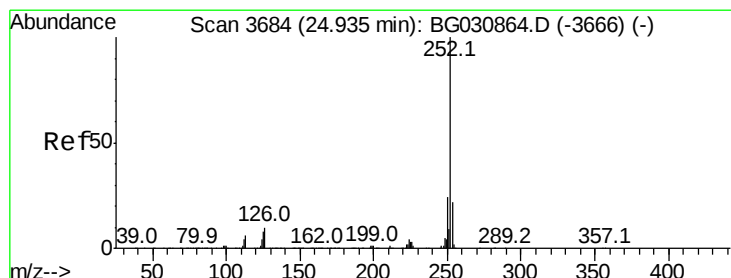
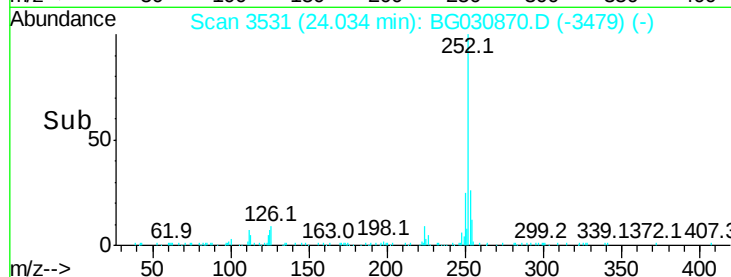
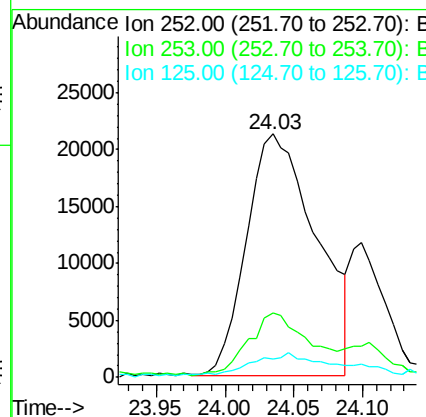
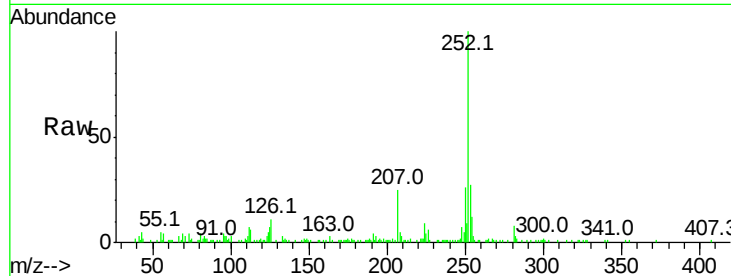
ClientSampleId :

B0F18

Tot Ion:	252	Resp:	75298
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.0	25.4#
125	7.4	7.5	11.3#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.554 ng/ul

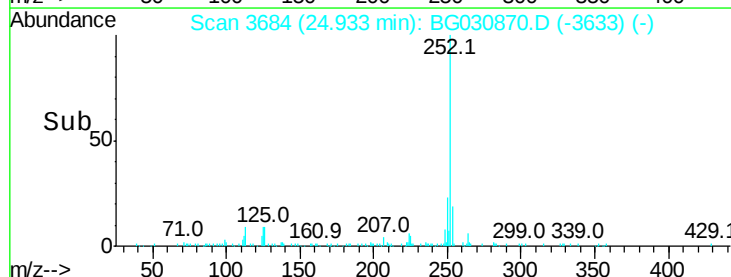
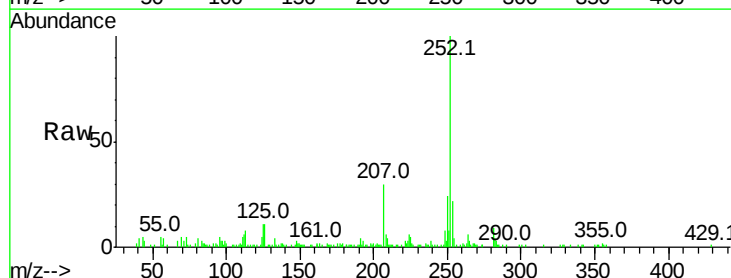
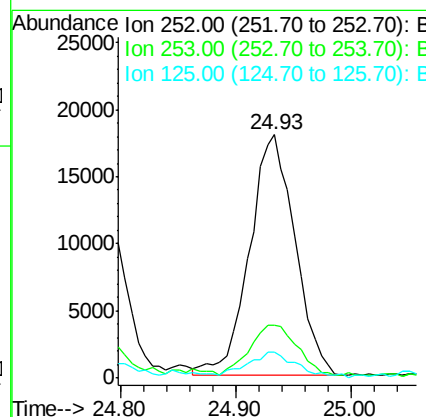
RT: 24.93 min Scan# 3684

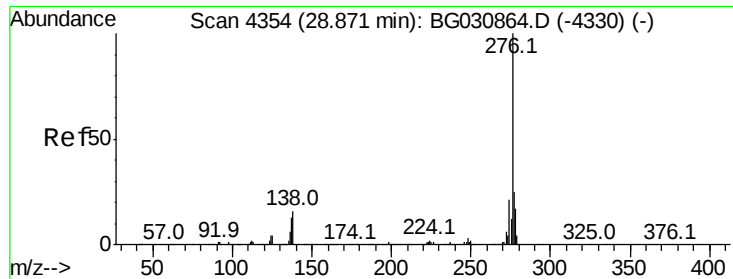
Delta R.T. -0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Tgt Ion:	252	Resp:	49093
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	10.7	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.090 ng/ul

RT: 28.87 min Scan# 4354

Delta R.T. -0.00 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Instrument :

BNA_G

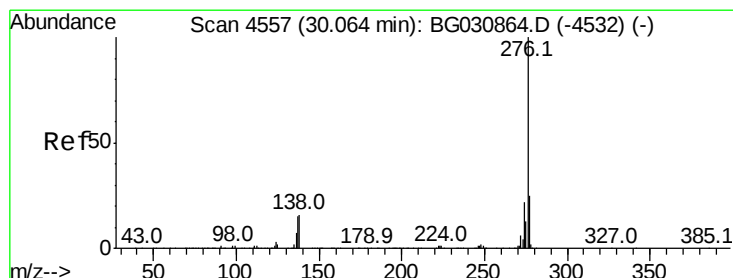
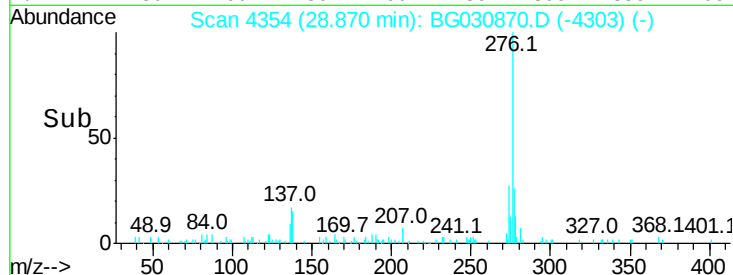
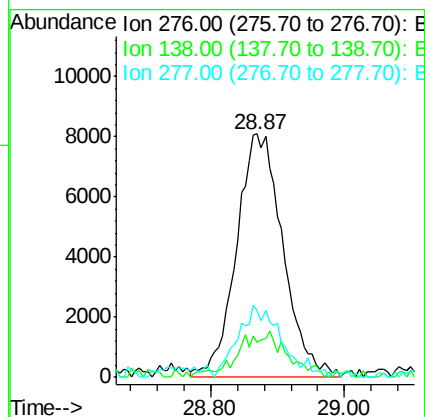
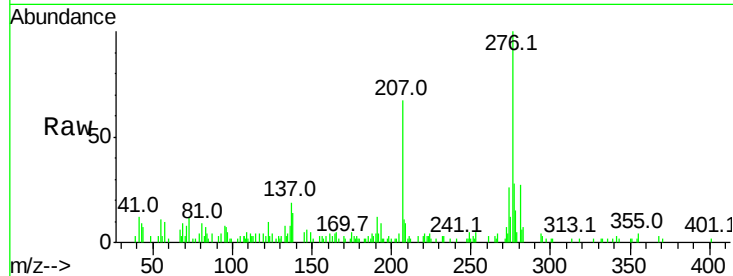
ClientSampled :

B0F18

Tot Ion:	276	Resp:	38955
Ion Ratio	Lower	Upper	
276	100		
138	14.2	13.4	20.0
277	27.6	18.6	28.0

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1.186 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.01 min

Lab File: BG030870.D

Acq: 9 Nov 2017 6:21

Tgt Ion:	276	Resp:	35151
Ion Ratio	Lower	Upper	
276	100		
138	14.6	12.1	18.1
277	24.0	17.7	26.5

