

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030800.D
 Acq On : 7 Nov 2017 6:48
 Operator : SJ/JU
 Sample : I6188-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EN2

Manual Integrations
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Sohil
 11/7/2017 5:38:09 PM

Quant Time: Nov 07 08:19:07 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	399215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	260706	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	630410	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	655128	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	679907	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	7795	3.62	ng/uL	0.00
5) Phenol-d5	7.31	99	164936	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	102085	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	142249	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	124814	18.41	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	73153	25.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	85511	29.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	155686	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	168324	21.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	525369	23.57	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	656530	24.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	76958	18.70	ng/ul	0.00
57) Fluorene-d10	15.76	176	500890	27.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	30863	10.03	ng/ul	0.00
70) Anthracene-d10	17.61	188	769989	25.83	ng/ul	0.00
76) Pyrene-d10	19.89	212	866209	25.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	866664	26.91	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	19306	2.223 ng/ul#	89
44) Dimethylphthalate	14.22	163	40888	1.881 ng/ul	98
47) Acenaphthylene	14.50	152	52131	1.885 ng/ul	98
69) Phenanthrene	17.55	178	460064	13.500 ng/ul	98
71) Anthracene	17.65	178	77847	2.214 ng/ul	100
72) Carbazole	17.91	167	37911	1.199 ng/ul	96
74) Fluoranthene	19.55	202	953033	25.023 ng/ul	98
77) Pyrene	19.91	202	833815	18.990 ng/ul	98
80) Benzo(a)anthracene	21.77	228	523670	12.755 ng/ul	98
82) Chrysene	21.83	228	516518m	13.846 ng/ul	
85) Benzo(b)fluoranthene	24.04	252	671290	16.446 ng/ul	98
86) Benzo(k)fluoranthene	24.10	252	212763	5.391 ng/ul	95
88) Benzo(a)pyrene	24.94	252	465456	11.715 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.88	276	336910	7.495 ng/ul	97
90) Dibenzo(a,h)anthracene	28.93	278	91645	2.454 ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	272000	7.300 ng/ul	94

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

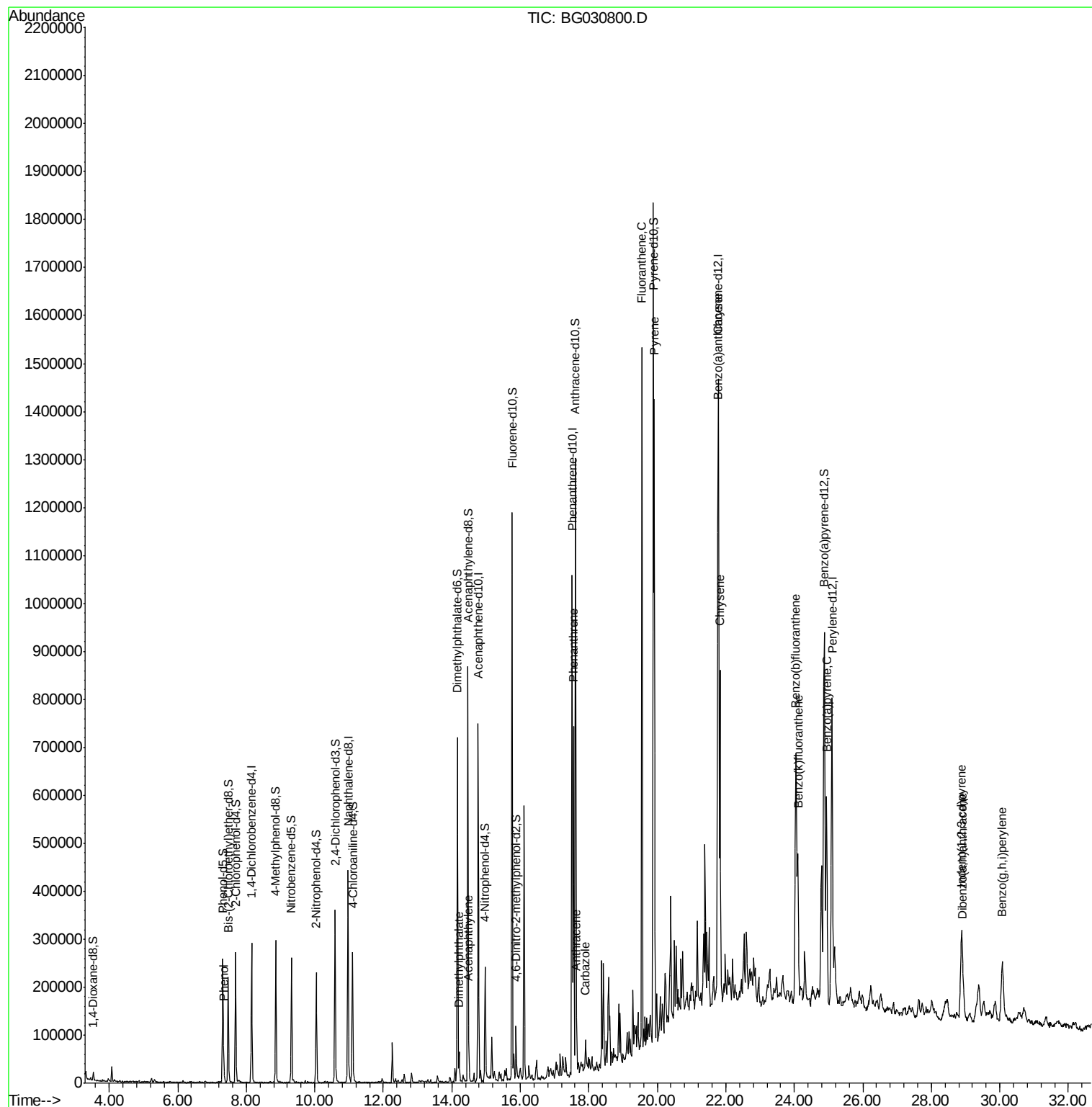
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030800.D
Acq On : 7 Nov 2017 6:48
Operator : SJ/JU
Sample : I6188-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

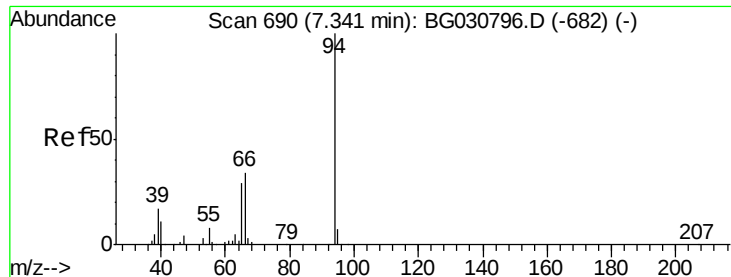
Instrument :
BNA_G
ClientSampleId :
B0EN2

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Quant Time: Nov 07 08:19:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 08:04:16 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.223 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG030800.D

Acq: 7 Nov 2017 6:48

Instrument :

BNA_G

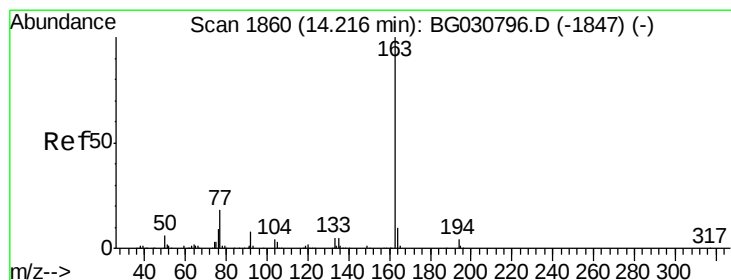
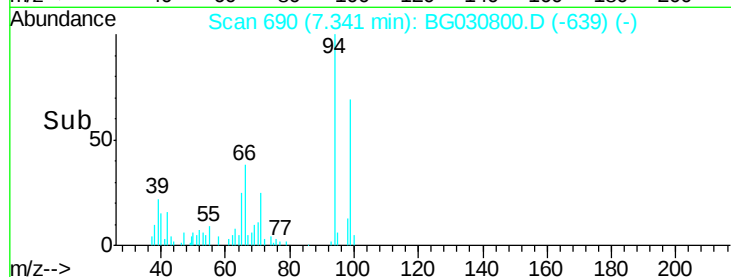
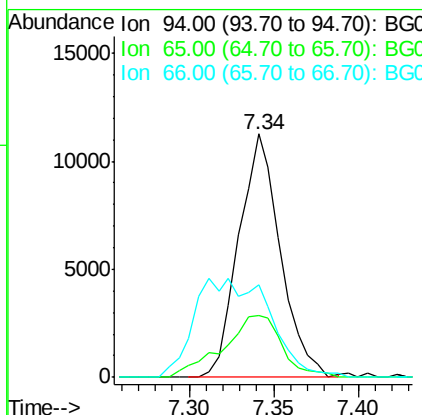
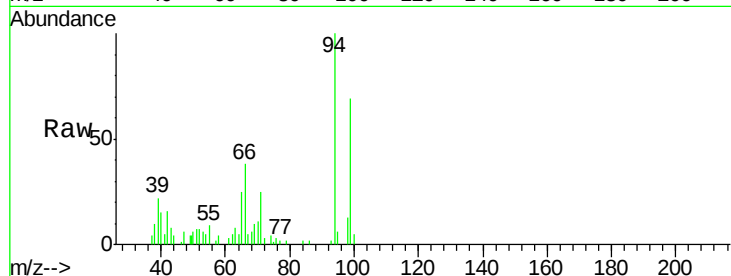
ClientSampled :

B0EN2

Tgt Ion:	94	Resp:	19306
Ion Ratio	Lower	Upper	
94	100		
65	25.5	27.1	40.7#
66	37.9	34.6	52.0

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#44

Dimethylphthalate

Concen: 1.881 ng/ul

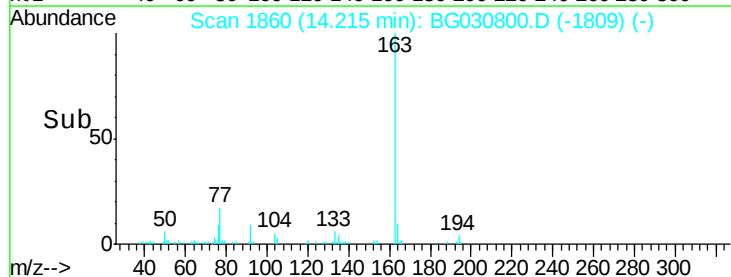
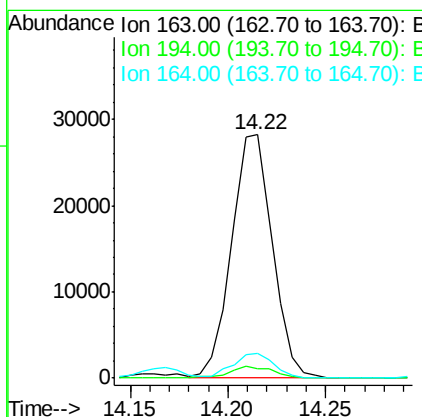
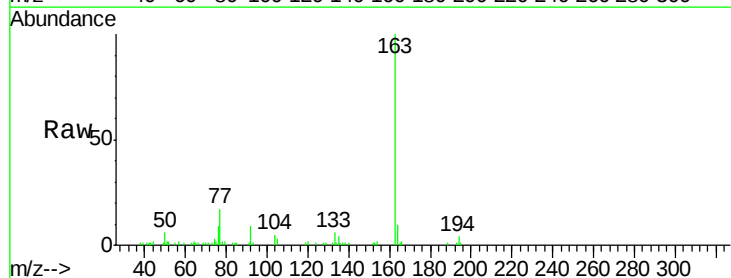
RT: 14.22 min Scan# 1860

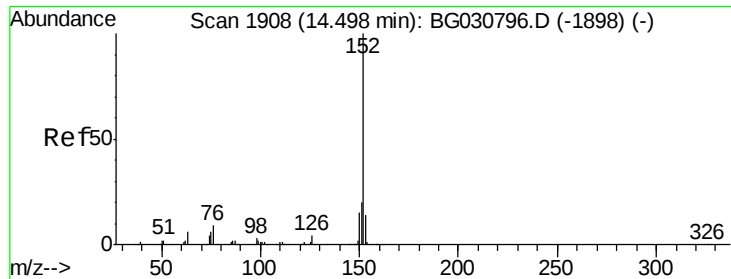
Delta R.T. -0.00 min

Lab File: BG030800.D

Acq: 7 Nov 2017 6:48

Tgt Ion:	163	Resp:	40888
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.5	5.3
164	10.4	7.6	11.4





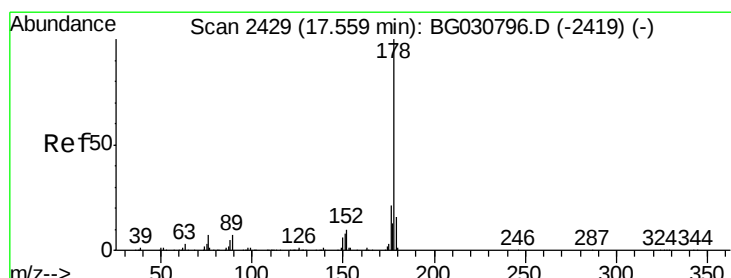
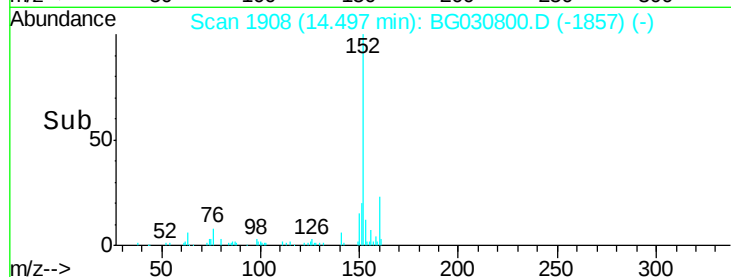
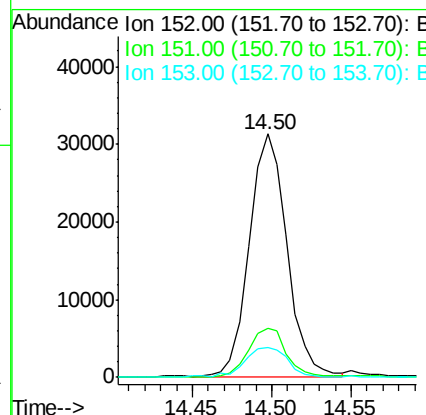
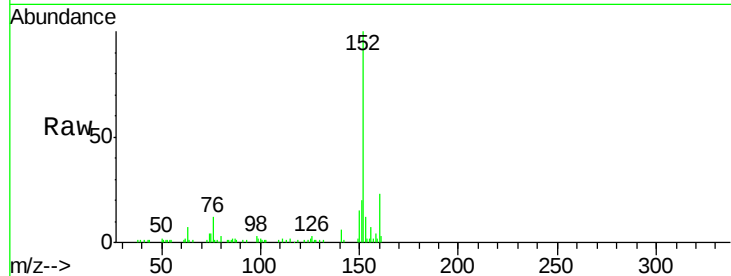
#47
Acenaphthylene
Concen: 1.885 ng/ul
RT: 14.50 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Instrument :
BNA_G
ClientSampleId :
B0EN2

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.2	22.8
153	12.5	10.2	15.4

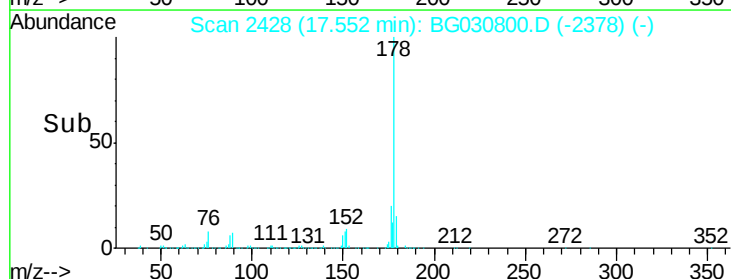
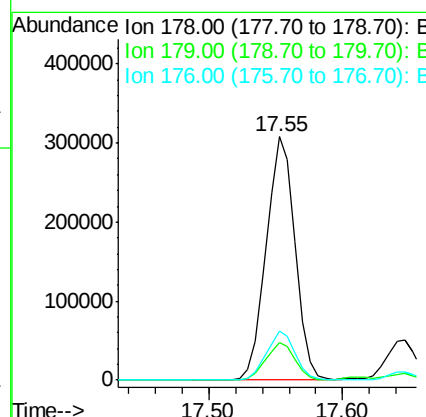
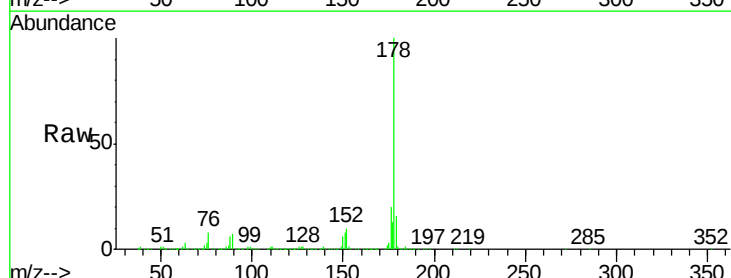
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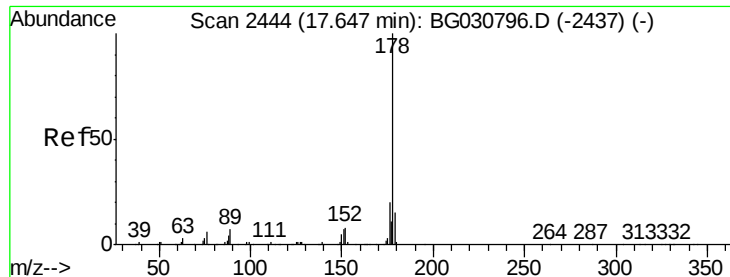
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#69
Phenanthrene
Concen: 13.500 ng/ul
RT: 17.55 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	20.2	15.3	22.9





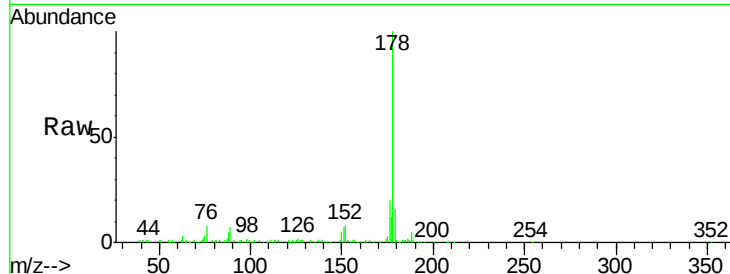
#71
 Anthracene
 Concen: 2.214 ng/ul
 RT: 17.65 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG030800.D
 Acq: 7 Nov 2017 6:48

Instrument :
 BNA_G
 ClientSampleId :
 B0EN2

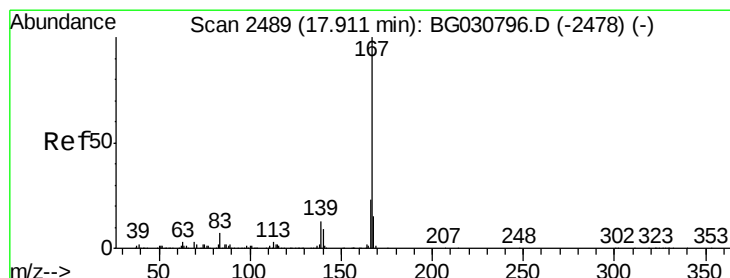
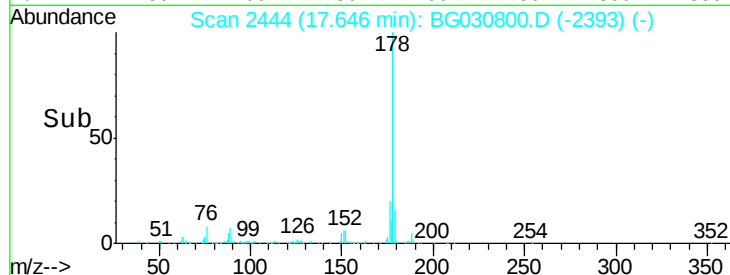
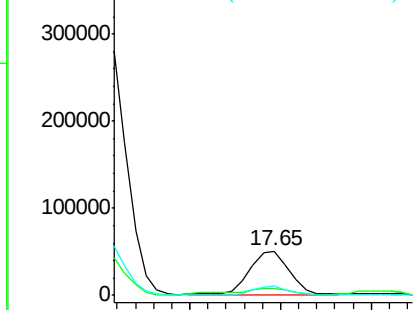
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.2	19.8
176	20.1	16.0	24.0

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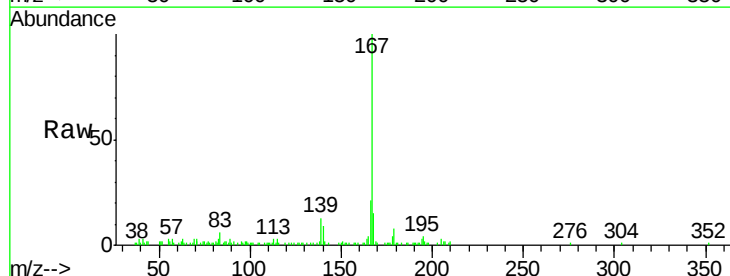


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

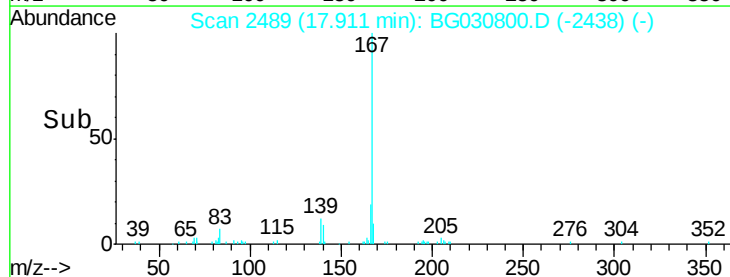
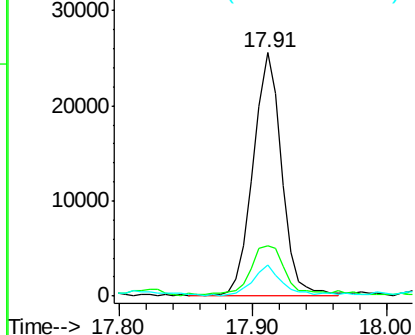


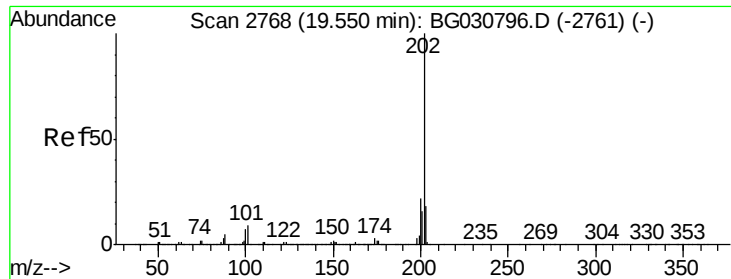
#72
 Carbazole
 Concen: 1.199 ng/ul
 RT: 17.91 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BG030800.D
 Acq: 7 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.6	28.0
139	12.9	10.6	16.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 25.023 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030800.D

Acq: 7 Nov 2017 6:48

Instrument :

BNA_G

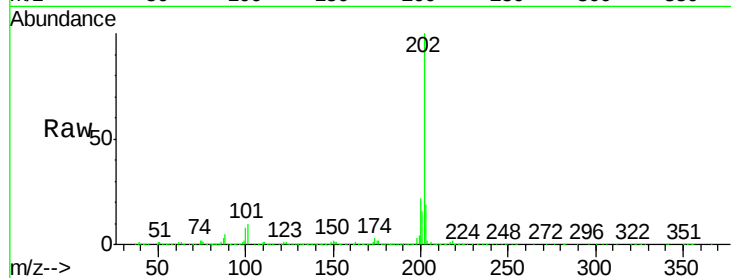
ClientSampleId :

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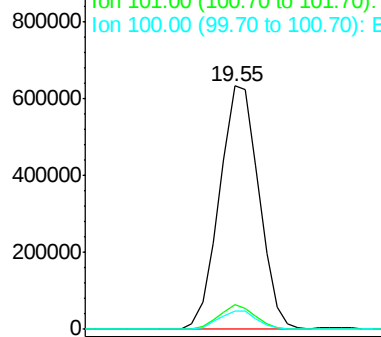
Tgt Ion:	202	Resp:	953033
Ion Ratio	Lower	Upper	
202	100		
101	10.0	7.4	11.2
100	7.6	5.6	8.4

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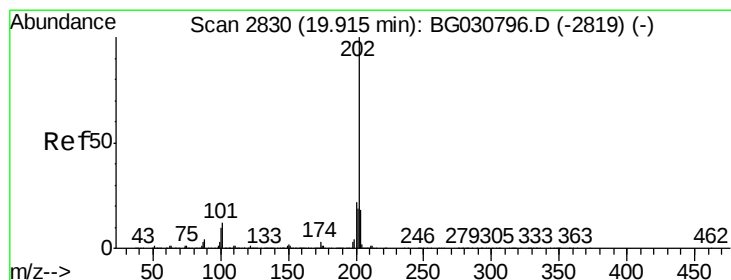
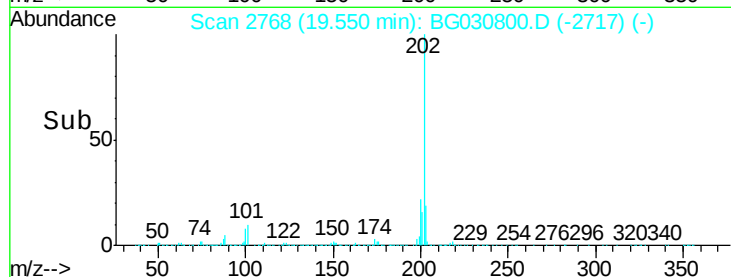
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Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



#77

Pyrene

Concen: 18.990 ng/ul

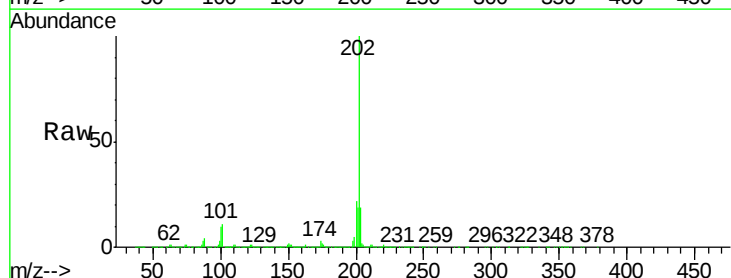
RT: 19.91 min Scan# 2830

Delta R.T. -0.00 min

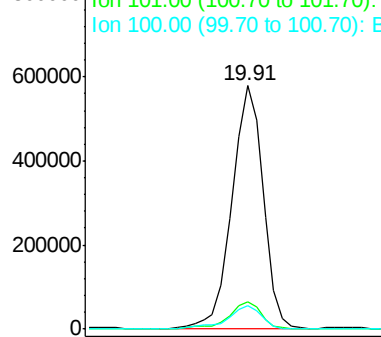
Lab File: BG030800.D

Acq: 7 Nov 2017 6:48

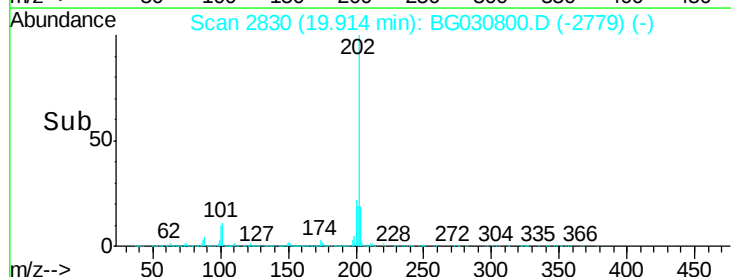
Tgt Ion:	202	Resp:	833815
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.4	12.6
100	9.6	7.0	10.6

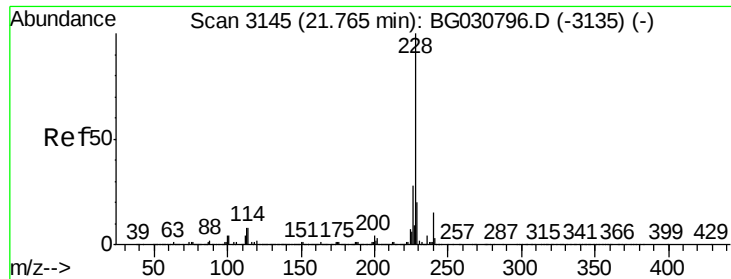


Abundance Ion 202.00 (201.70 to 202.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 12.755 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG030800.D

Acq: 7 Nov 2017 6:48

Instrument :

BNA_G

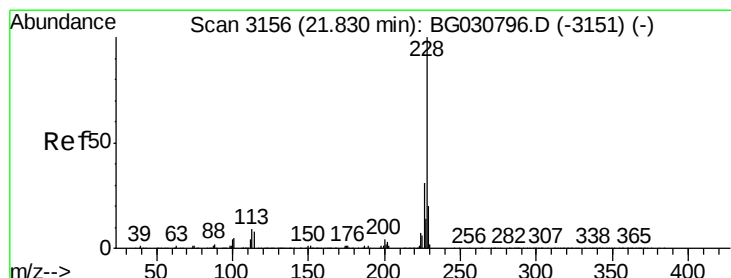
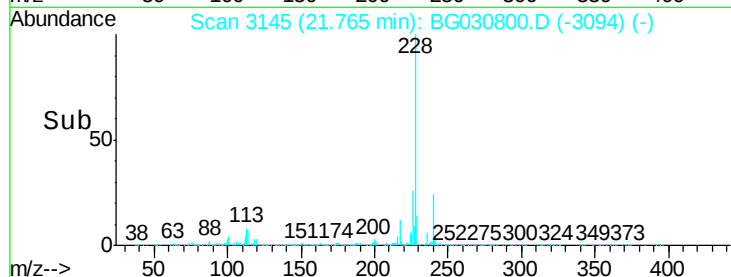
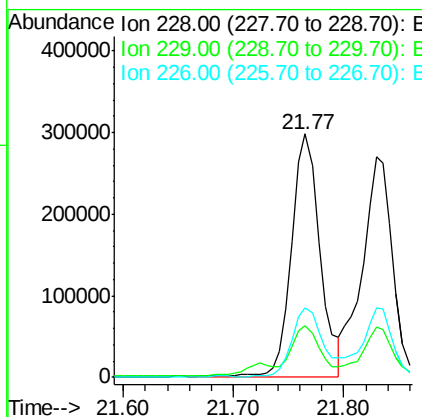
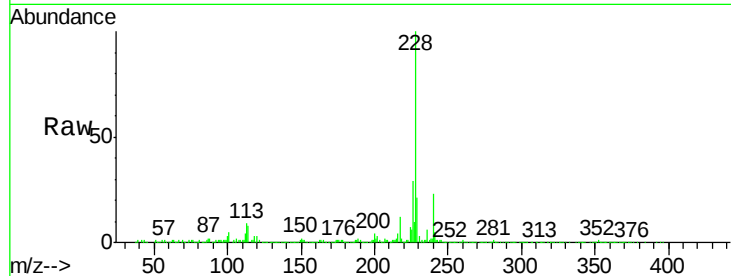
ClientSampleId :

B0EN2

Tgt Ion:	228	Resp:	523670
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.2	24.4
226	28.5	22.2	33.2

Manual Integrations
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#82

Chrysene

Concen: 13.846 ng/ul m

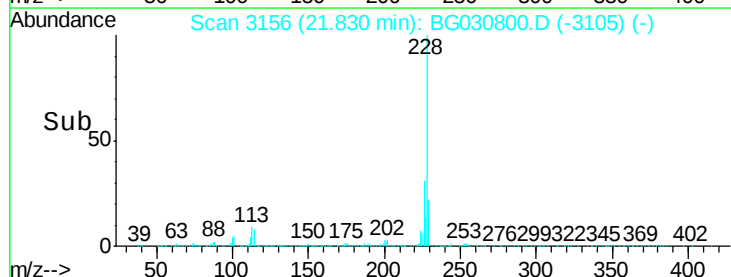
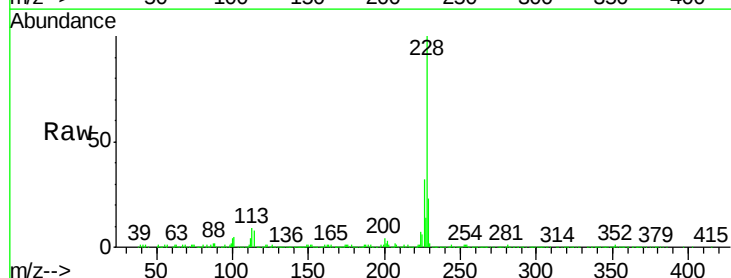
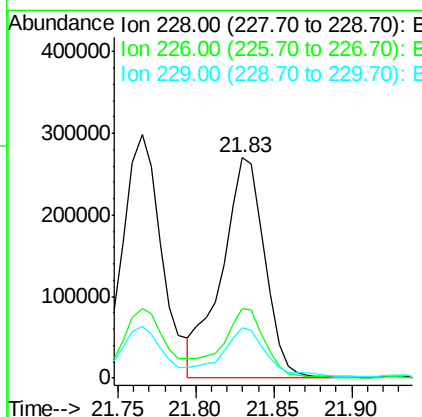
RT: 21.83 min Scan# 3156

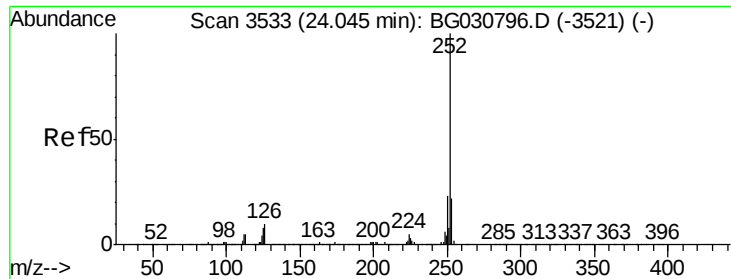
Delta R.T. -0.00 min

Lab File: BG030800.D

Acq: 7 Nov 2017 6:48

Tgt Ion:	228	Resp:	516518
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.2	36.2
229	22.8	15.2	22.8#





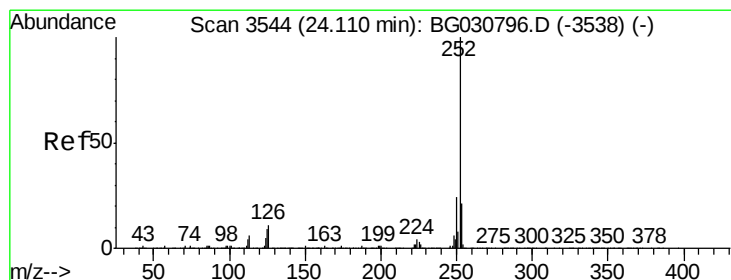
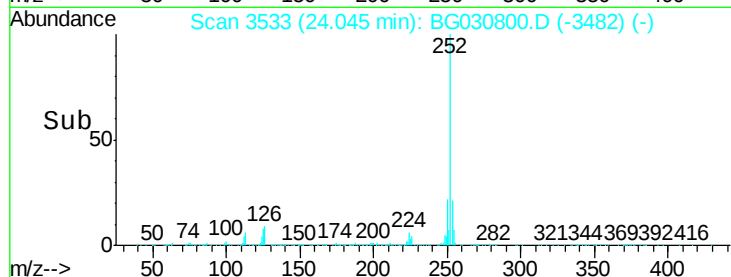
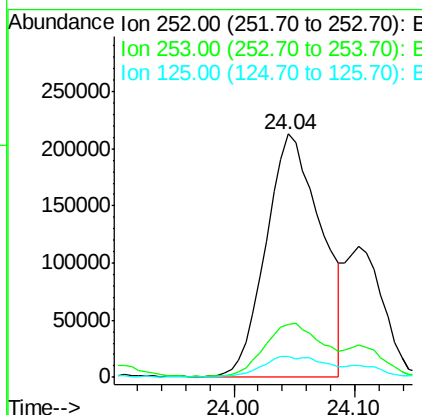
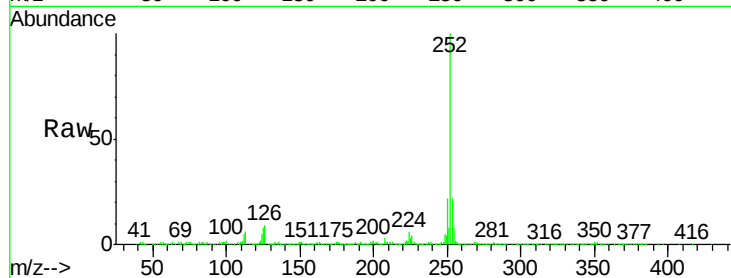
#85
Benzo(b)fluoranthene
Concen: 16.446 ng/ul
RT: 24.04 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Instrument :
BNA_G
ClientSampled :
B0EN2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	8.4	7.5	11.3

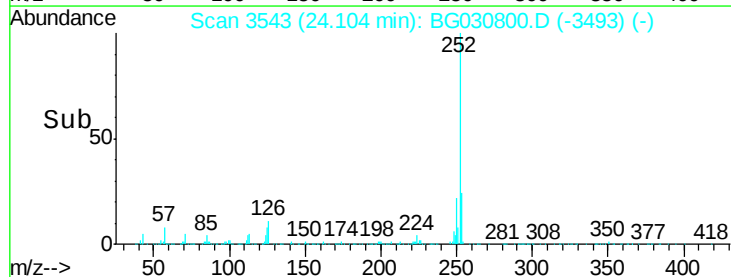
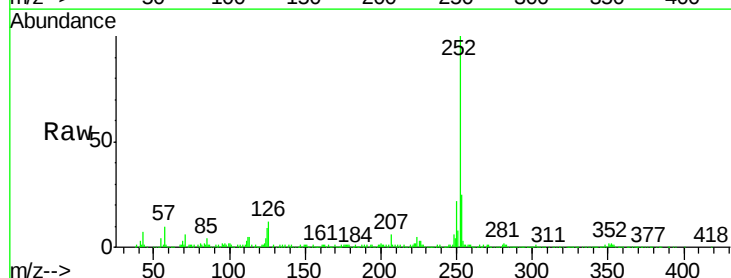
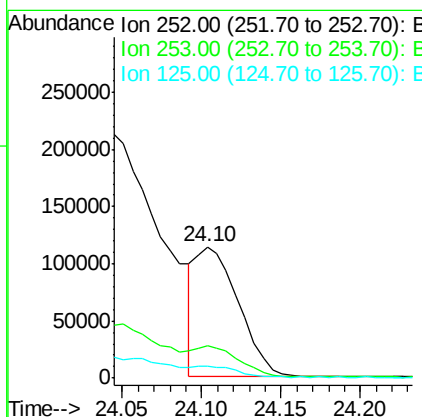
Manual Integrations
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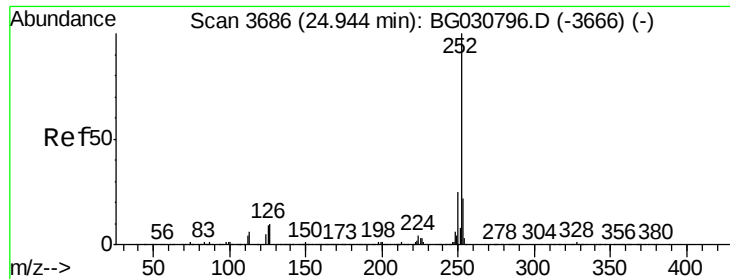
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#86
Benzo(k)fluoranthene
Concen: 5.391 ng/ul
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	8.6	7.8	11.8





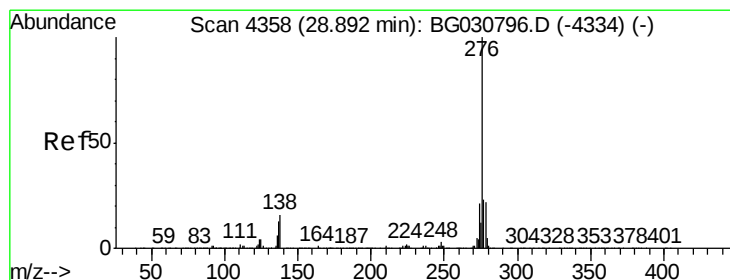
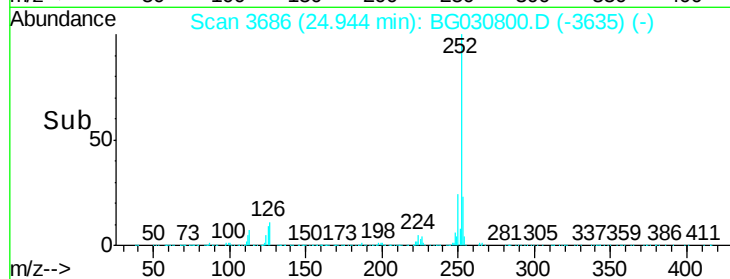
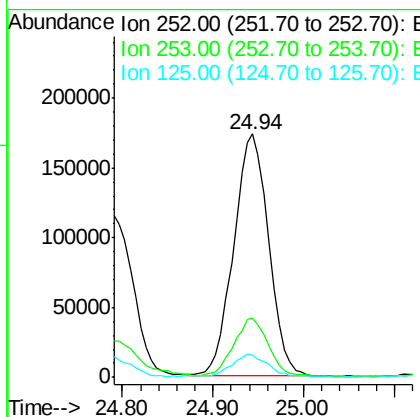
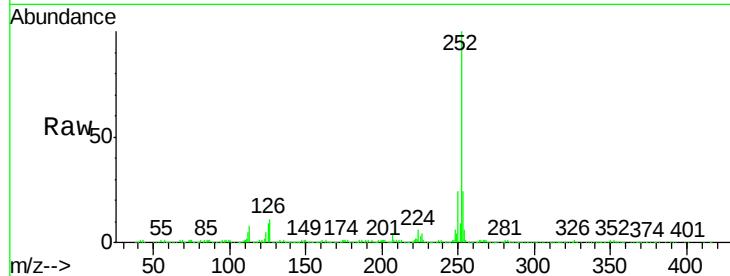
#88
Benzo(a)pyrene
Concen: 11.715 ng/ul
RT: 24.94 min Scan# 3686
Delta R.T. -0.00 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Instrument :
BNA_G
ClientSampled :
B0EN2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	17.1	25.7
125	9.2	7.8	11.8

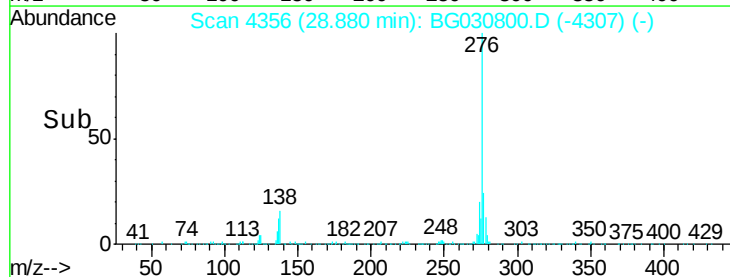
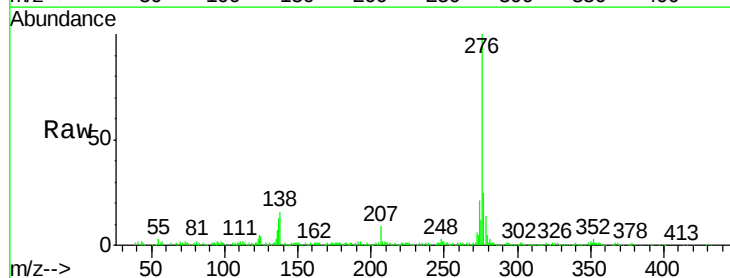
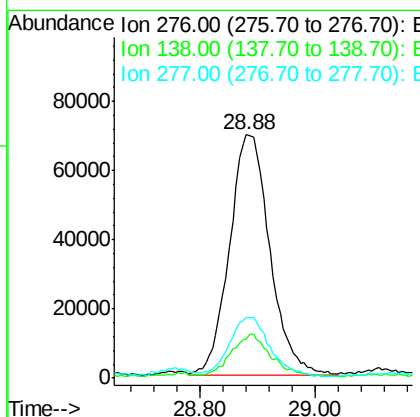
Manual Integrations
APPROVED

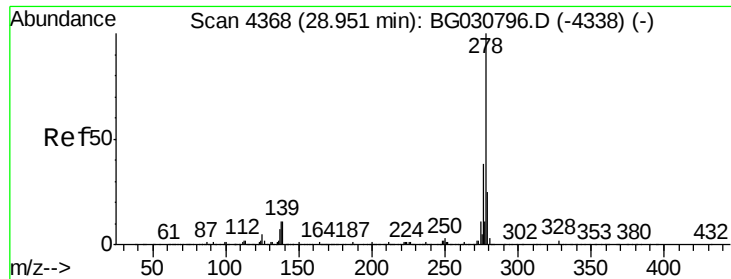
Sohil
11/7/2017 5:38:09 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 7.495 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.2	13.4	20.0
277	25.0	18.6	28.0





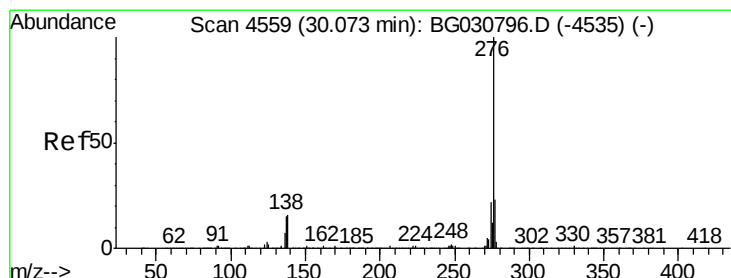
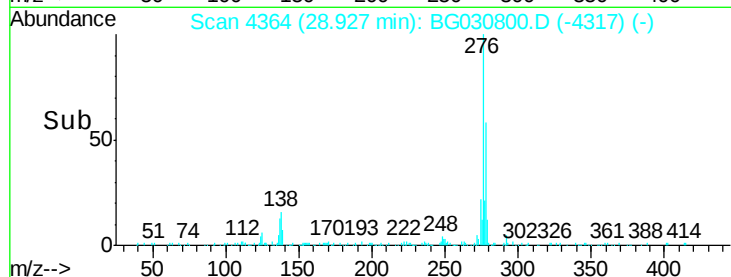
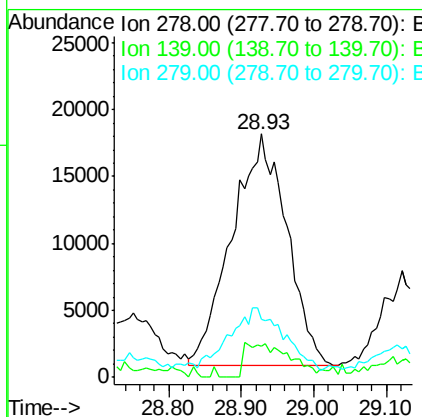
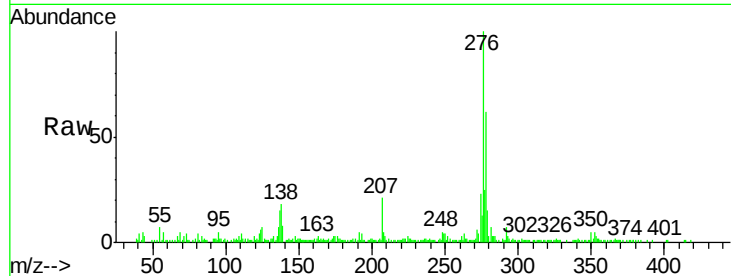
#90
Dibenzo(a,h)anthracene
Concen: 2.454 ng/ul
RT: 28.93 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Instrument :
BNA_G
ClientSampled :
B0EN2

Tgt Ion:	278	Resp:	91645
Ion Ratio	Lower	Upper	
278	100		
139	12.9	9.4	14.2
279	23.8	18.4	27.6

Manual Integrations
APPROVED

Sohil
11/7/2017 5:38:09 PM



#91
Benzo(g,h,i)perylene
Concen: 7.300 ng/ul
RT: 30.07 min Scan# 4558
Delta R.T. -0.01 min
Lab File: BG030800.D
Acq: 7 Nov 2017 6:48

Tgt Ion:	276	Resp:	272000
Ion Ratio	Lower	Upper	
276	100		
138	17.9	12.1	18.1
277	24.7	17.7	26.5

