

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030882.D
 Acq On : 9 Nov 2017 16:26
 Operator : SJ/JU
 Sample : I6286-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F36

Manual Integrations
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 11/10/2017 1:12:53 PM

Quant Time: Nov 10 01:53:34 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 01:20:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	49908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	238045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	168269	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	428434	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	462383	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	449381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1680	1.37	ng/uL	0.00
5) Phenol-d5	7.31	99	60255	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	24050	8.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	47003	13.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	50790	13.13	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	18840	11.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	25100	14.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	70505	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	50779	10.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	301700	20.97	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	346220	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	54249	20.43	ng/ul	0.00
57) Fluorene-d10	15.76	176	300812	25.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	57353	27.42	ng/ul	0.00
70) Anthracene-d10	17.61	188	526492	25.98	ng/ul	0.00
76) Pyrene-d10	19.88	212	632788	26.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	587240	27.59	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	14.21	163	48533	3.459	ng/ul	99
47) Acenaphthylene	14.49	152	23915	1.340	ng/ul#	93
69) Phenanthrene	17.55	178	260200	11.235	ng/ul	98
74) Fluoranthene	19.55	202	303978	11.744	ng/ul	98
77) Pyrene	19.91	202	417381	13.469	ng/ul	98
80) Benzo(a)anthracene	21.76	228	154469	5.331	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.64	149	19048	1.046	ng/ul#	95
82) Chrysene	21.83	228	204384	7.763	ng/ul	97
85) Benzo(b)fluoranthene	24.03	252	158748	5.884	ng/ul	96
86) Benzo(k)fluoranthene	24.10	252	51739m	1.984	ng/ul	
88) Benzo(a)pyrene	24.93	252	129090	4.916	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	79700	2.683	ng/ul#	95
91) Benzo(g,h,i)perylene	30.06	276	73918	3.001	ng/ul	97

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

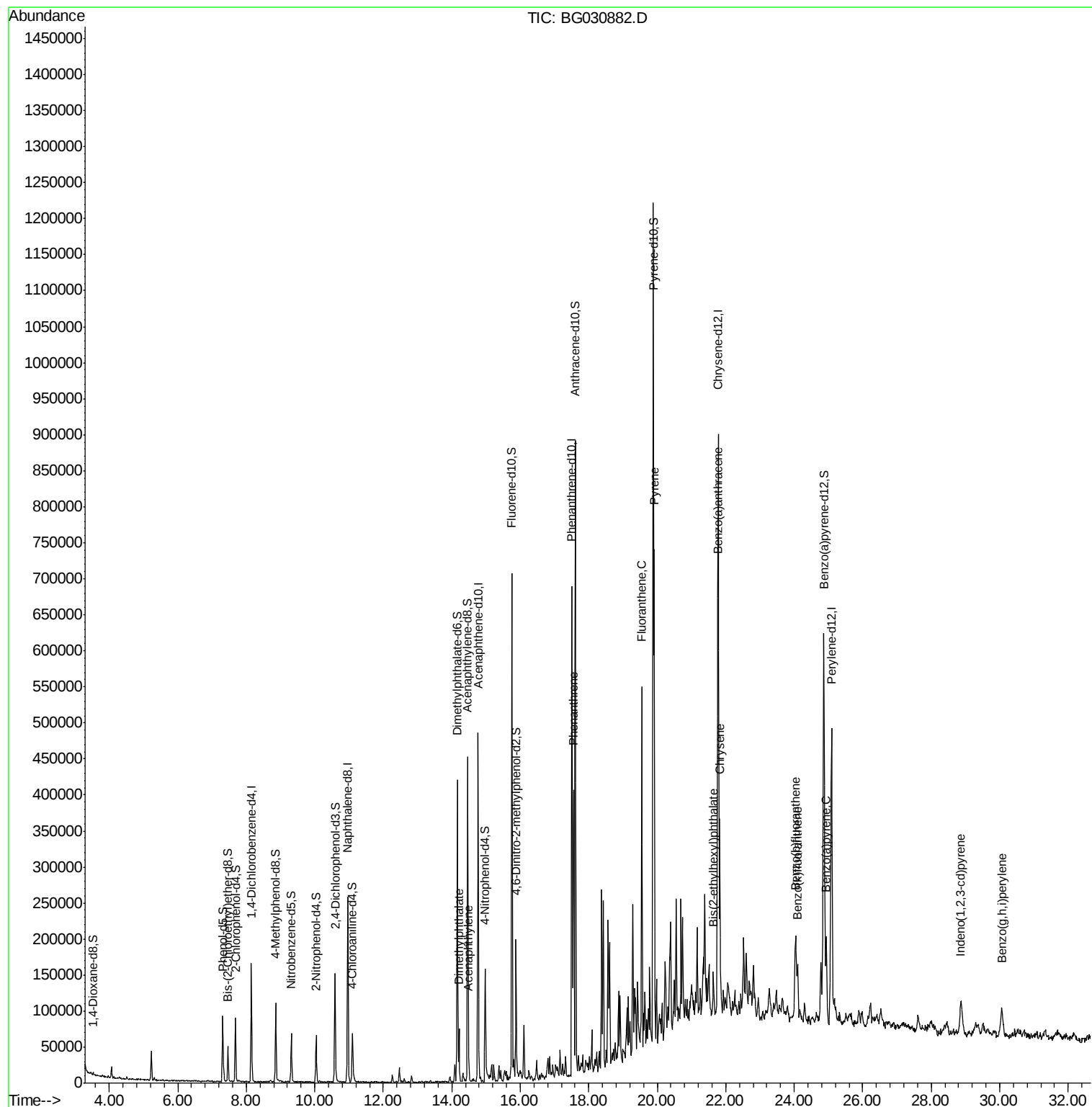
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030882.D
Acq On : 9 Nov 2017 16:26
Operator : SJ/JU
Sample : I6286-04
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ALS Vial : 7 Sample Multiplier: 1

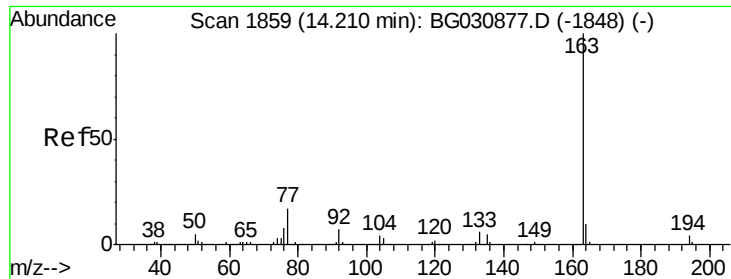
Instrument :
BNA_G
ClientSampled :
B0F36

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Quant Time: Nov 10 01:53:34 2017
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Quant Title : SVOA CALIBRATION
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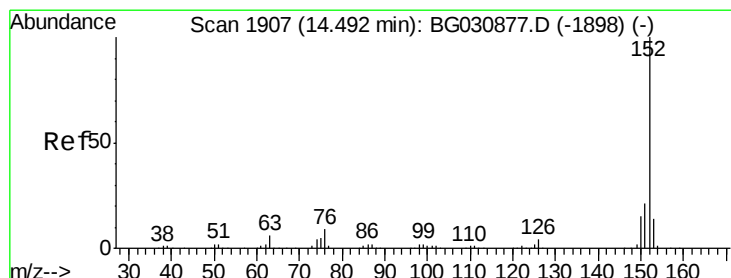
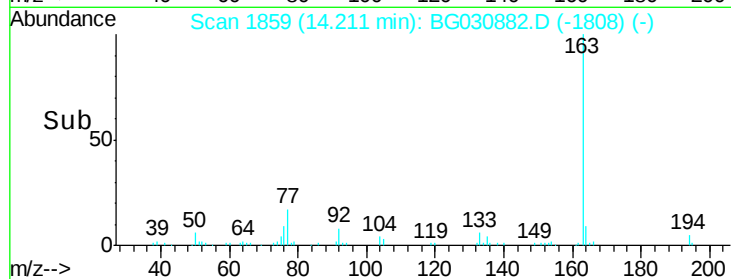
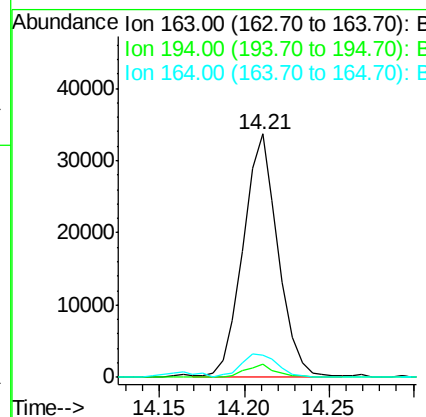
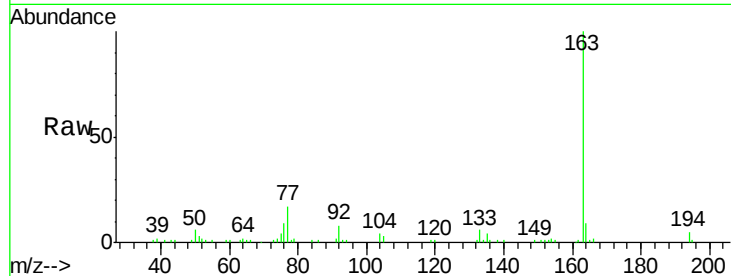
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Dimethylphthalate
Concen: 3.459 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030882.D
Acq: 9 Nov 2017 16:26

Instrument :
BNA_G
ClientSampleId :
B0F36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	48533		
194	5.2		3.5	5.3
164	9.3		7.6	11.4

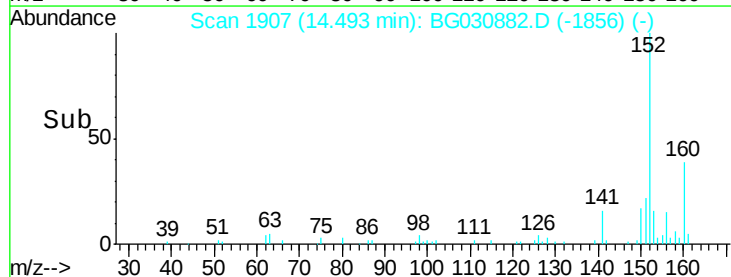
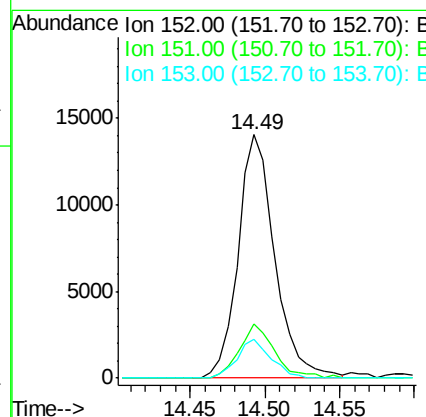
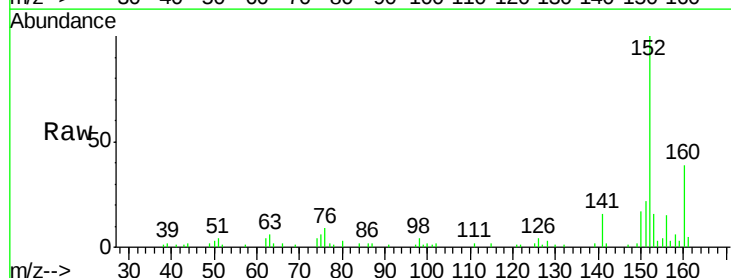
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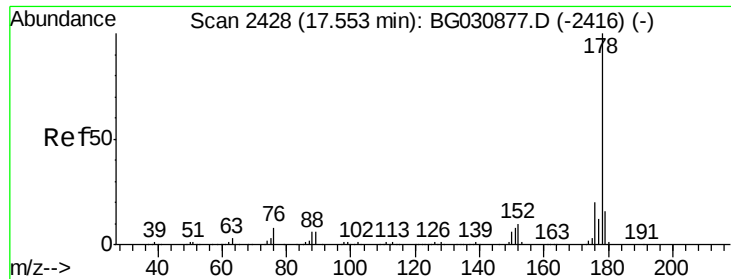
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#47
Acenaphthylene
Concen: 1.340 ng/ul
RT: 14.49 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG030882.D
Acq: 9 Nov 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	23915		
151	22.0		15.2	22.8
153	15.8		10.2	15.4#





#69

Phenanthrene

Concen: 11.235 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030882.D

Acq: 9 Nov 2017 16:26

Instrument :

BNA_G

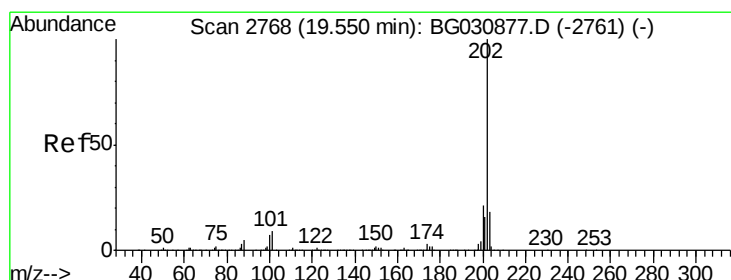
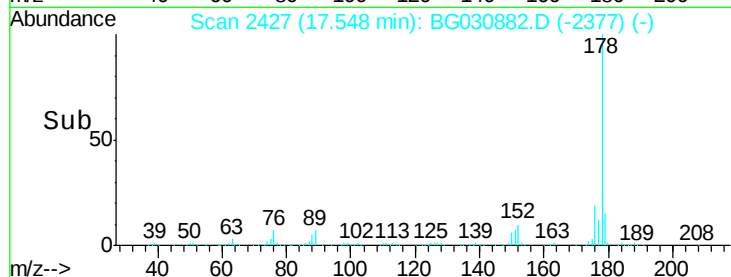
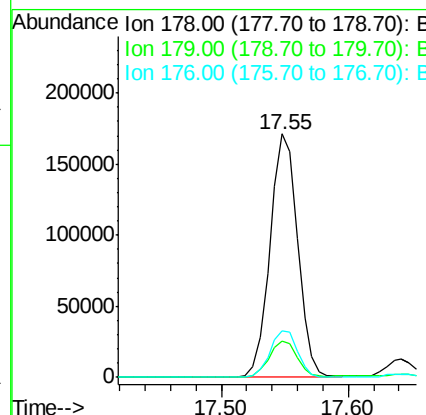
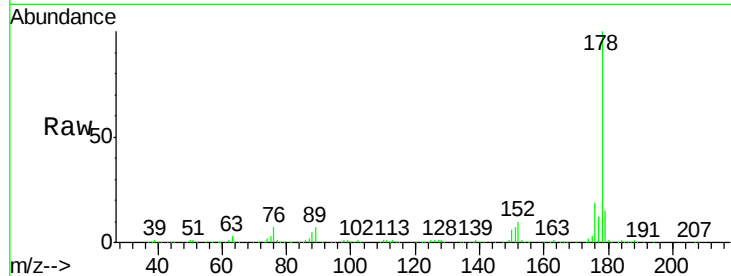
ClientSampleId :

B0F36

Tgt Ion:	178	Resp:	260200
Ion Ratio	Lower	Upper	
178	100		
179	14.8	13.0	19.6
176	19.2	15.3	22.9

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#74

Fluoranthene

Concen: 11.744 ng/ul

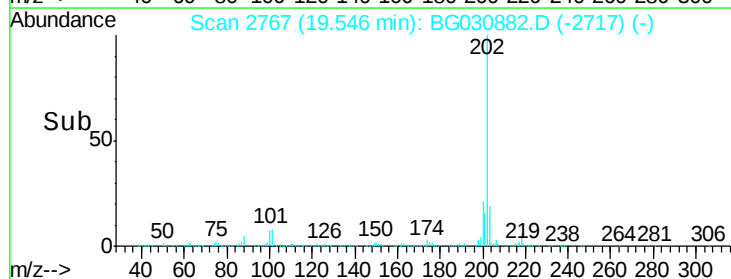
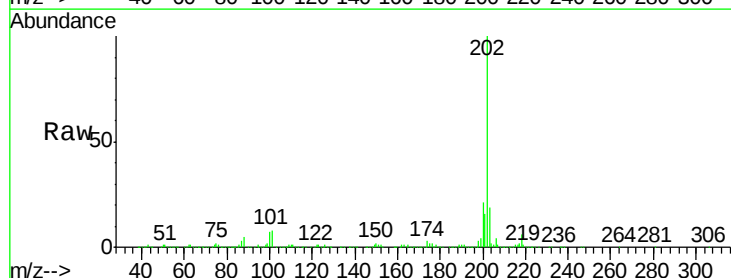
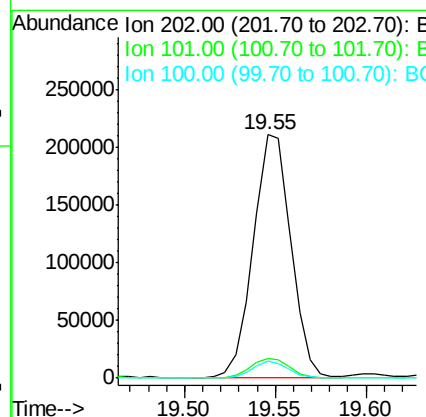
RT: 19.55 min Scan# 2767

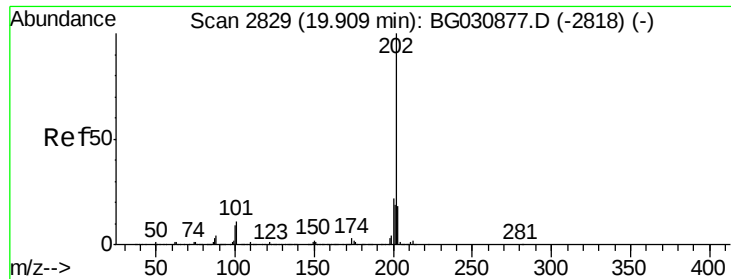
Delta R.T. -0.00 min

Lab File: BG030882.D

Acq: 9 Nov 2017 16:26

Tgt Ion:	202	Resp:	303978
Ion Ratio	Lower	Upper	
202	100		
101	8.2	7.4	11.2
100	6.8	5.6	8.4





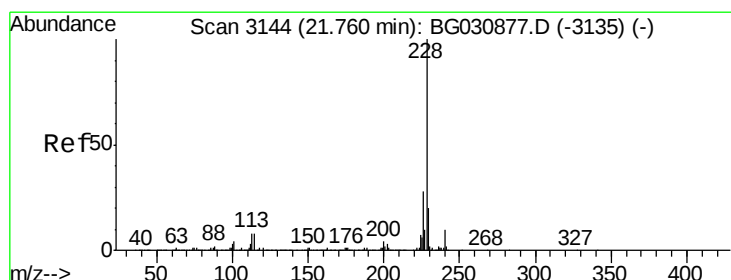
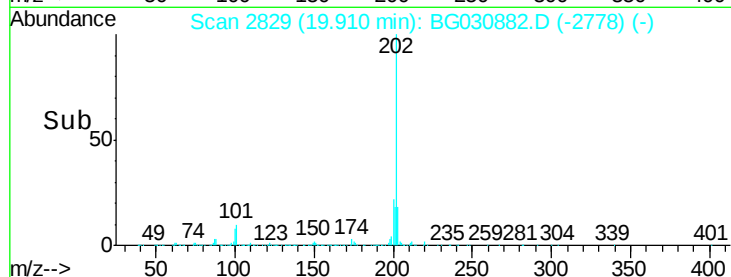
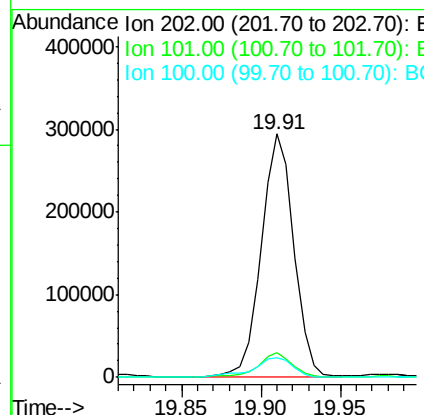
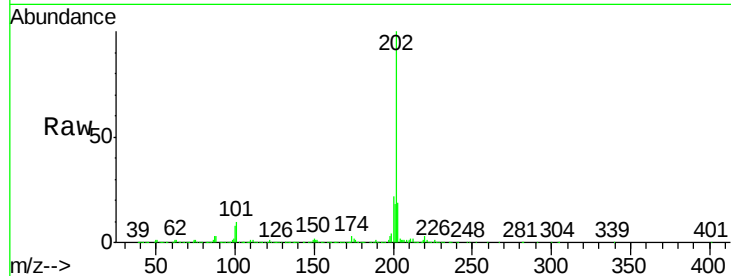
#77
 Pyrene
 Concen: 13.469 ng/ul
 RT: 19.91 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BG030882.D
 Acq: 9 Nov 2017 16:26

Instrument :
 BNA_G
 ClientSampleId :
 B0F36

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	8.4	12.6
100	8.1	7.0	10.6

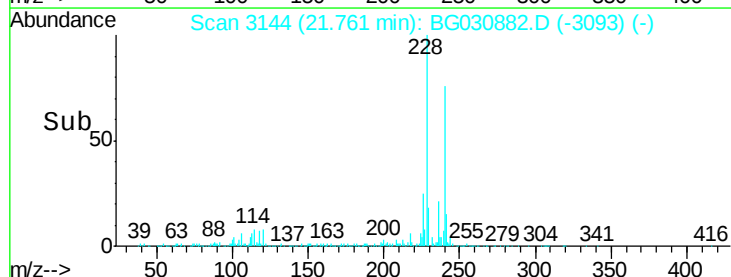
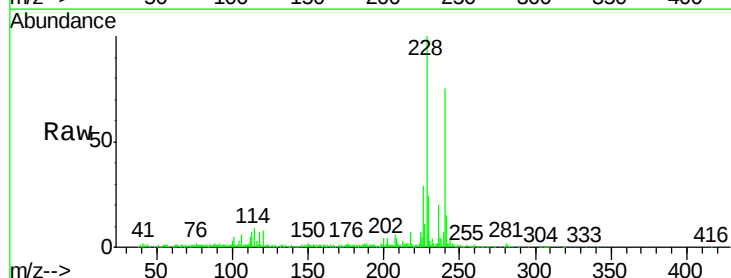
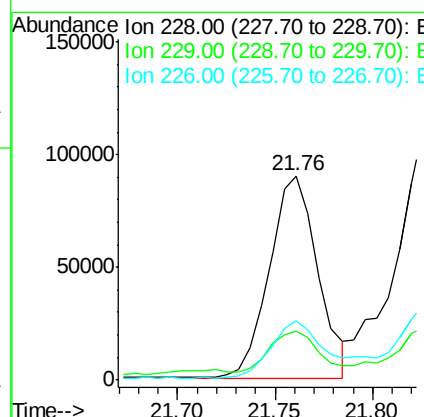
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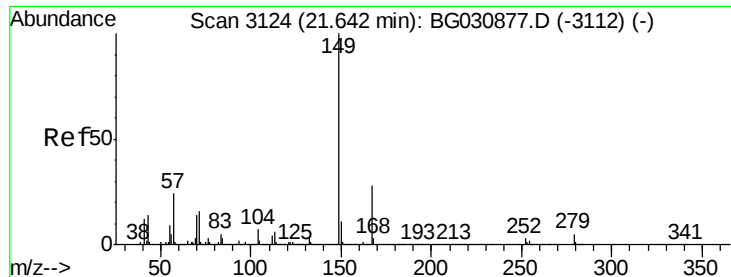
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#80
 Benzo(a)anthracene
 Concen: 5.331 ng/ul
 RT: 21.76 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG030882.D
 Acq: 9 Nov 2017 16:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.0	16.2	24.4
226	29.0	22.2	33.2





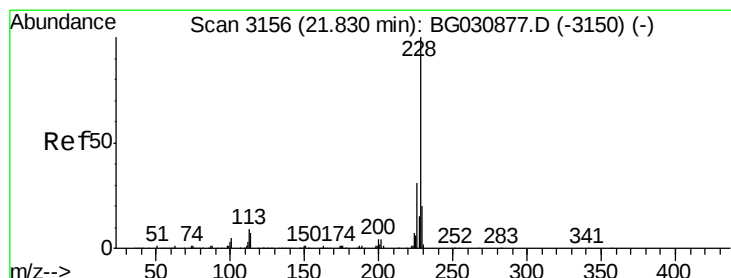
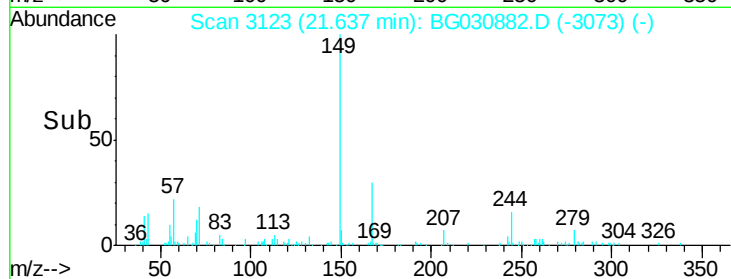
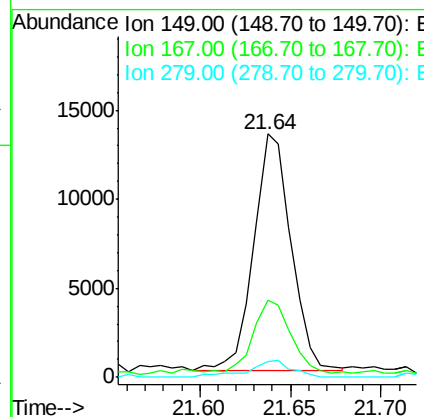
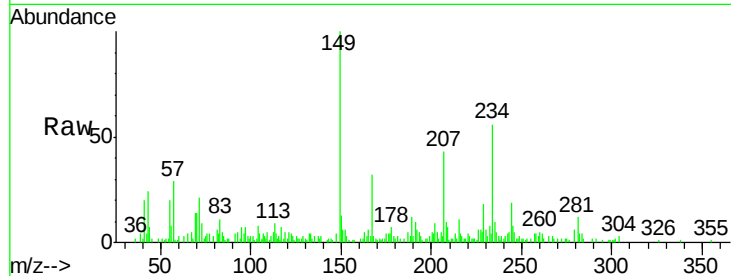
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.046 ng/ul
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG030882.D
 Acq: 9 Nov 2017 16:26

Instrument :
 BNA_G
 ClientSampleId :
 B0F36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	23.2	34.8
279	6.5	3.1	4.7

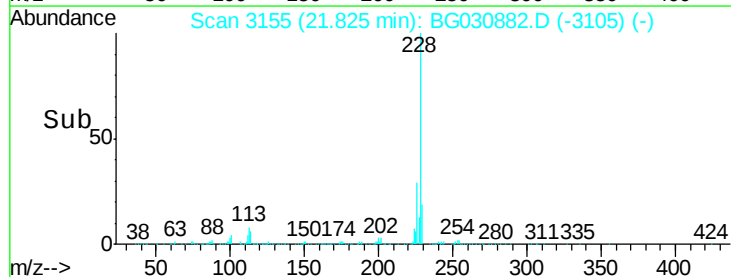
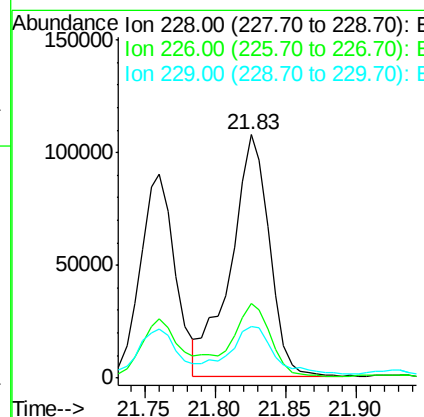
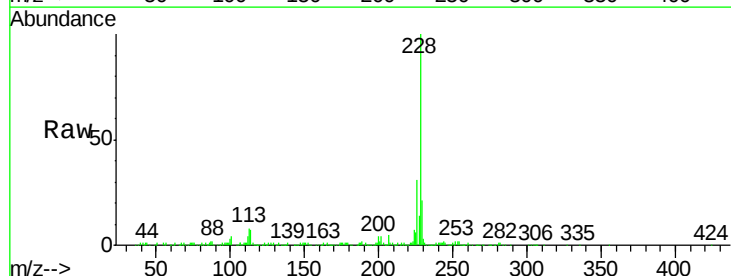
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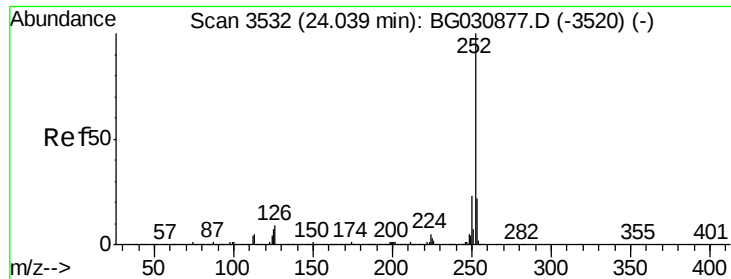
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#82
 Chrysene
 Concen: 7.763 ng/ul
 RT: 21.83 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG030882.D
 Acq: 9 Nov 2017 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.4	15.2	22.8





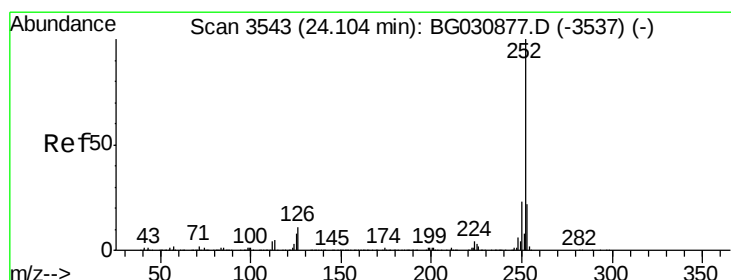
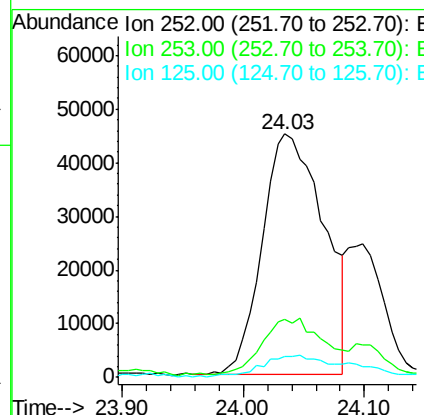
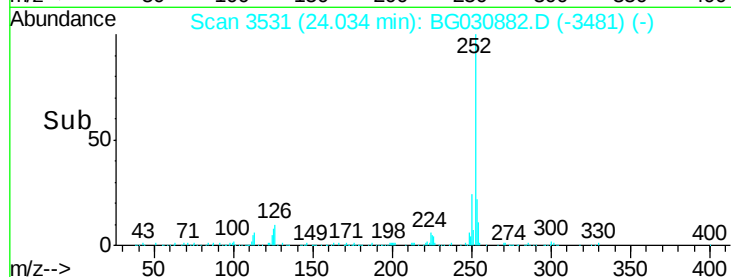
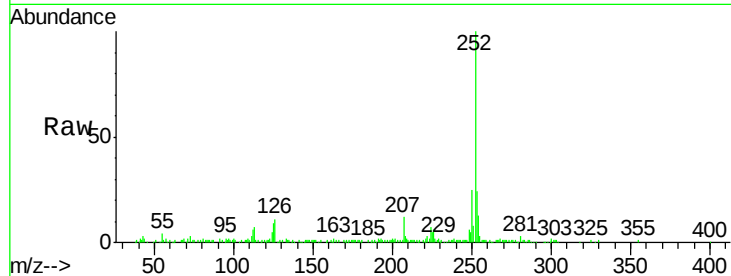
#85
Benzo(b)fluoranthene
Concen: 5.884 ng/ul
RT: 24.03 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG030882.D
Acq: 9 Nov 2017 16:26

Instrument :
BNA_G
ClientSampleId :
B0F36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	158748		
253	23.6	17.0	25.4	
125	8.6	7.5	11.3	

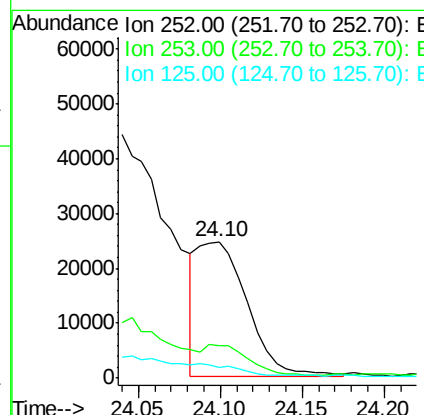
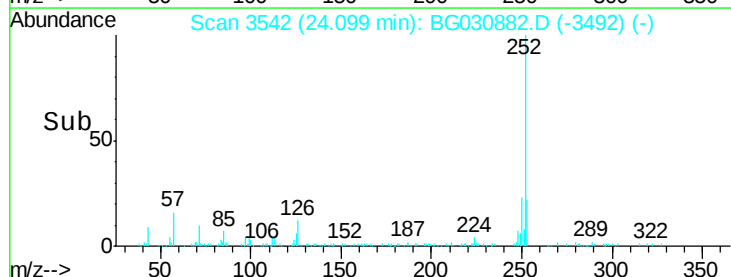
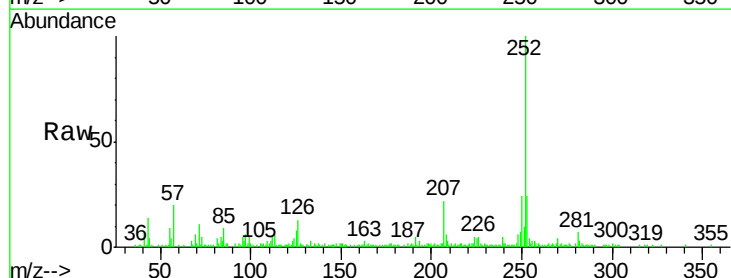
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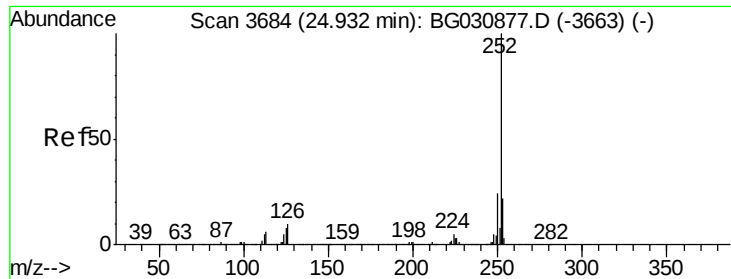
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#86
Benzo(k)fluoranthene
Concen: 1.984 ng/ul m
RT: 24.10 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG030882.D
Acq: 9 Nov 2017 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	51739		
253	24.1	17.2	25.8	
125	8.1	7.8	11.8	





#88

Benzo(a)pyrene

Concen: 4.916 ng/ul

RT: 24.93 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BG030882.D

Acq: 9 Nov 2017 16:26

Instrument :

BNA_G

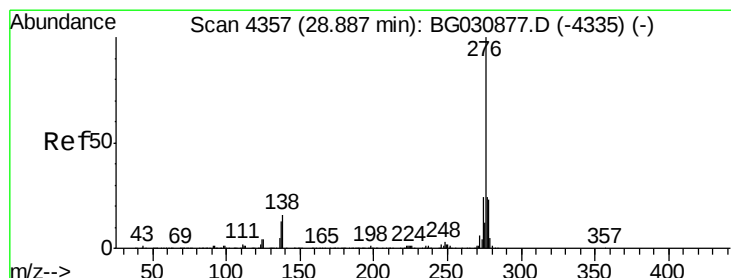
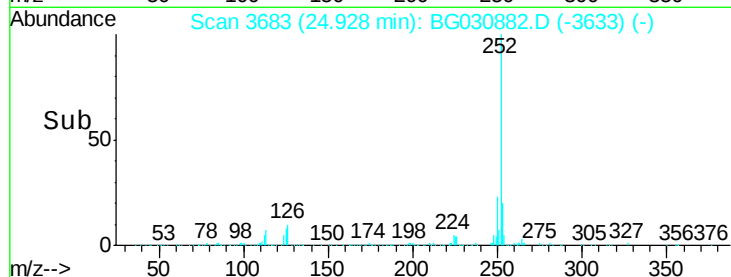
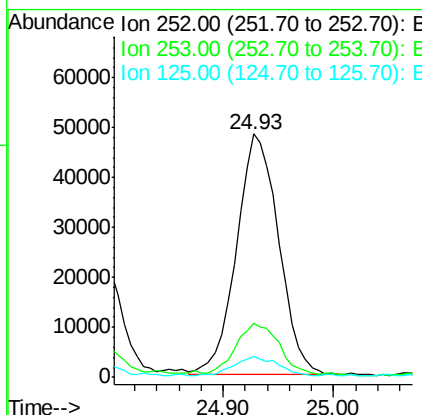
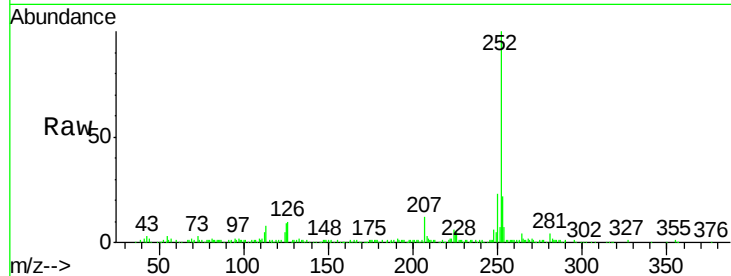
ClientSampleId :

B0F36

Tgt Ion:	252	Resp:	129090
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	8.8	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.683 ng/ul

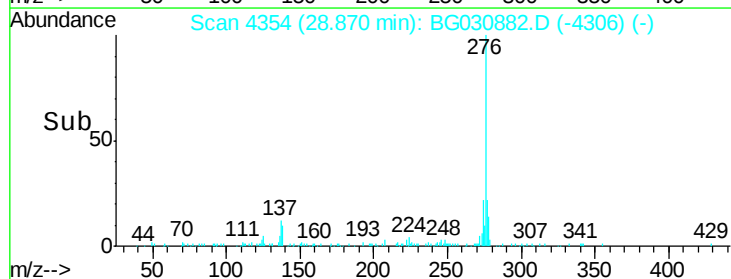
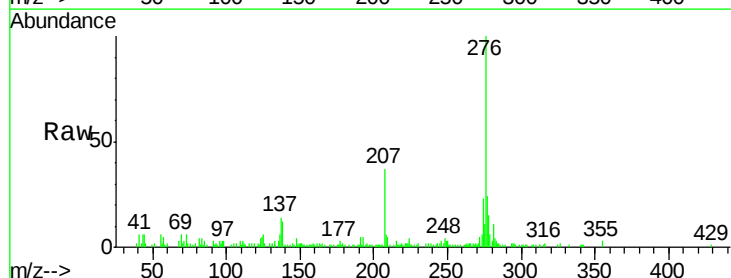
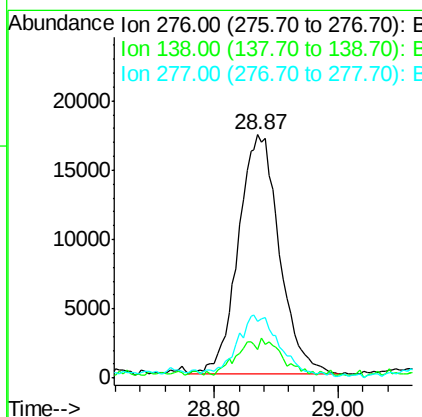
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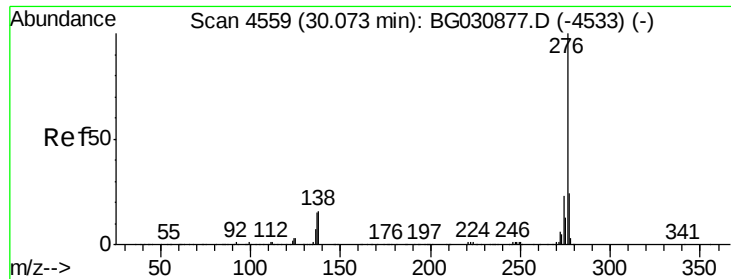
Delta R.T. -0.02 min

Lab File: BG030882.D

Acq: 9 Nov 2017 16:26

Tgt Ion:	276	Resp:	79700
Ion Ratio	Lower	Upper	
276	100		
138	11.6	13.4	20.0#
277	23.5	18.6	28.0





#91
 Benzo(g,h,i)perylene
 Concen: 3.001 ng/ul
 RT: 30.06 min Scan# 4557
 Delta R.T. -0.01 min
 Lab File: BG030882.D
 Acq: 9 Nov 2017 16:26

Instrument :
 BNA_G
 ClientSampleId :
 B0F36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.1	18.1
277	20.0	17.7	26.5

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