

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
 Data File : BG030886.D
 Acq On : 9 Nov 2017 18:57
 Operator : SJ/JU
 Sample : I6286-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F46

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:13:26 PM

Quant Time: Nov 10 02:48:21 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	53560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	255010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	169749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	423690	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	462349	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	445089	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6993	5.31	ng/uL	0.00
5) Phenol-d5	7.31	99	141667	27.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	82726	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	113492	31.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	118185	28.47	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	59740	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	73393	39.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	130924	30.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	164910	33.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	449180	30.95	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	553120	31.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	65900	24.60	ng/ul	0.00
57) Fluorene-d10	15.75	176	411540	34.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	71188	34.42	ng/ul	0.00
70) Anthracene-d10	17.61	188	641872	32.03	ng/ul	0.00
76) Pyrene-d10	19.88	212	767431	32.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	723721	34.33	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.34	94	10923	2.053	ng/ul	91
44) Dimethylphthalate	14.21	163	51849	3.663	ng/ul	97
69) Phenanthrene	17.55	178	172080	7.513	ng/ul	99
71) Anthracene	17.64	178	24664	1.044	ng/ul	97
74) Fluoranthene	19.55	202	293919	11.482	ng/ul	98
77) Pyrene	19.91	202	250592	8.087	ng/ul	98
80) Benzo(a)anthracene	21.76	228	133736	4.616	ng/ul	98
82) Chrysene	21.83	228	138478	5.260	ng/ul	97
85) Benzo(b)fluoranthene	24.04	252	149111	5.580	ng/ul#	94
86) Benzo(k)fluoranthene	24.10	252	55935m	2.165	ng/ul	
88) Benzo(a)pyrene	24.93	252	104665	4.024	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	61571	2.092	ng/ul	97
91) Benzo(g,h,i)perylene	30.05	276	49909	2.046	ng/ul#	95

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

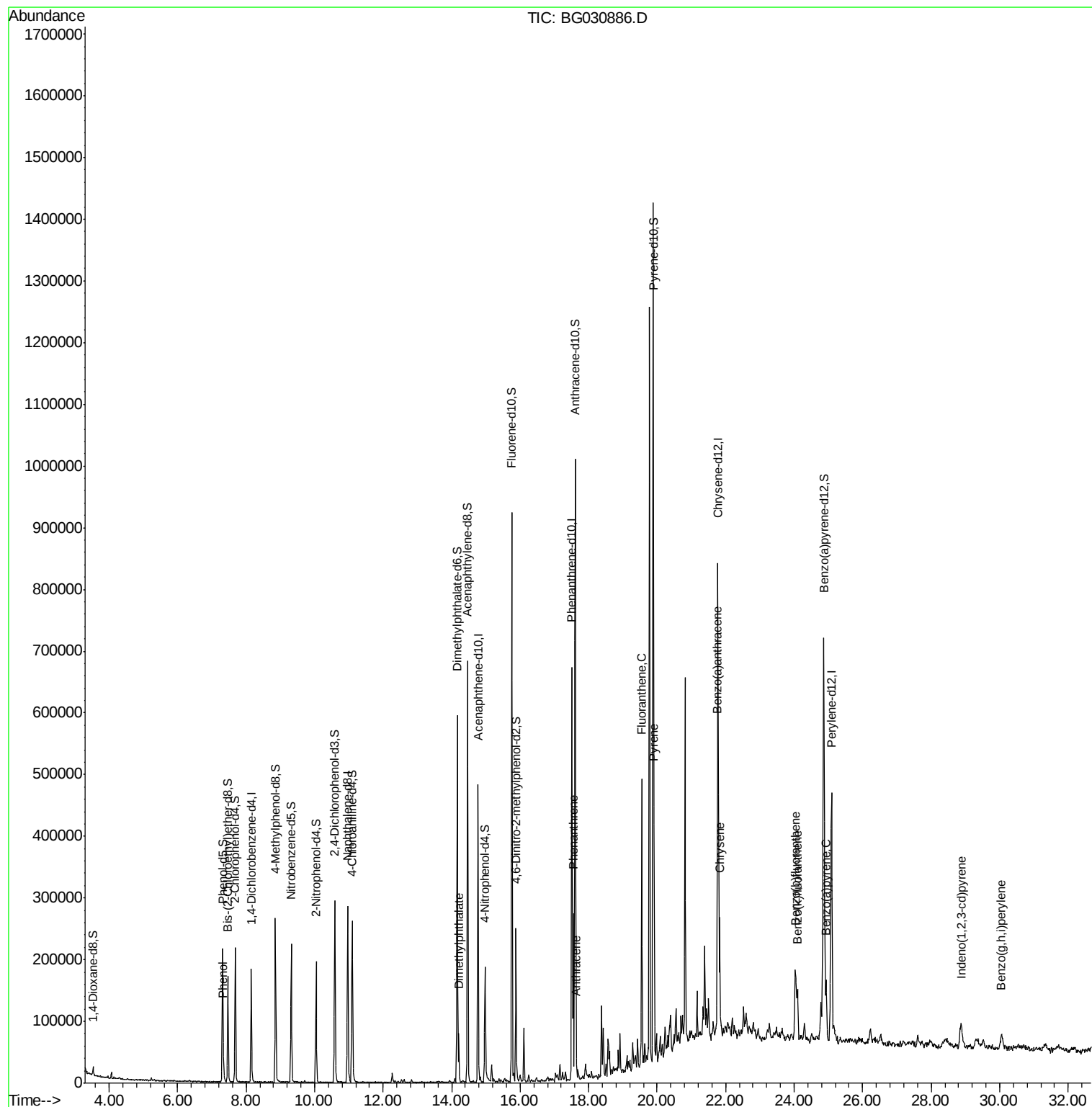
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030886.D
Acq On : 9 Nov 2017 18:57
Operator : SJ/JU
Sample : I6286-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

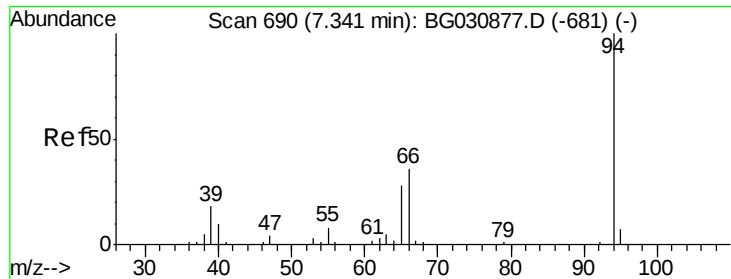
Instrument :
BNA_G
ClientSampleId :
B0F46

Manual Integrations
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Quant Time: Nov 10 02:48:21 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





#6

Phenol

Concen: 2.053 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

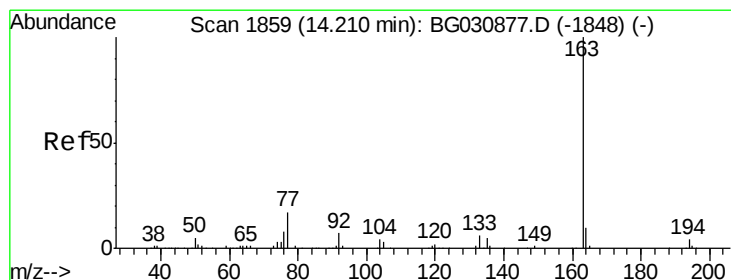
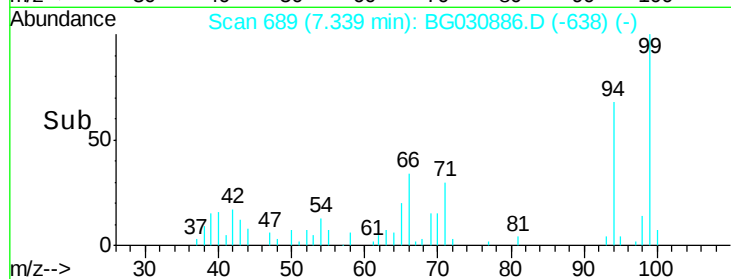
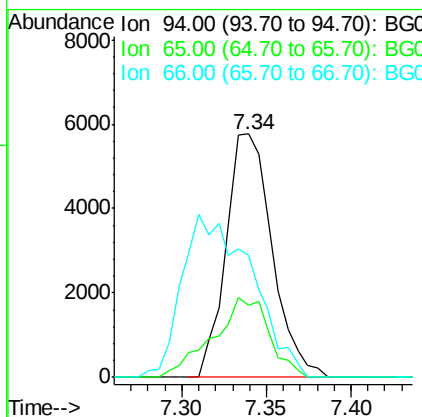
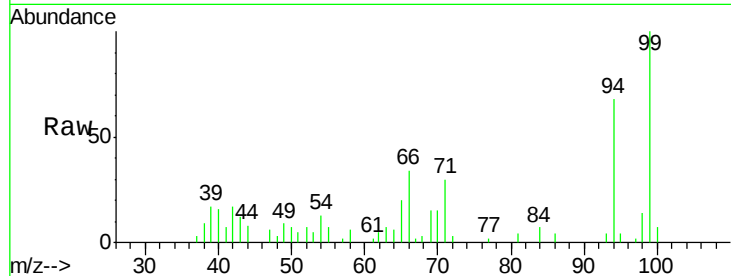
ClientSampleId :

B0F46

Tgt Ion:	94	Resp:	10923
Ion Ratio	Lower	Upper	
94	100		
65	29.4	27.1	40.7
66	50.2	34.6	52.0

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#44

Dimethylphthalate

Concen: 3.663 ng/ul

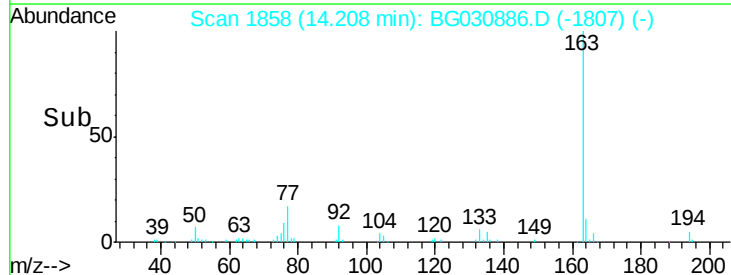
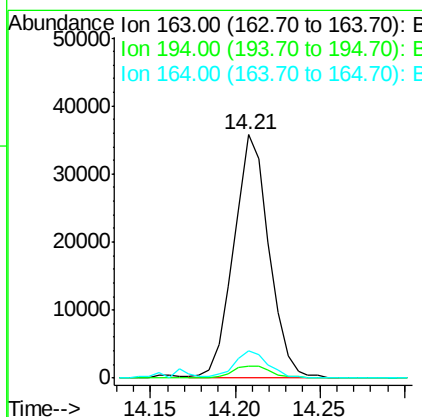
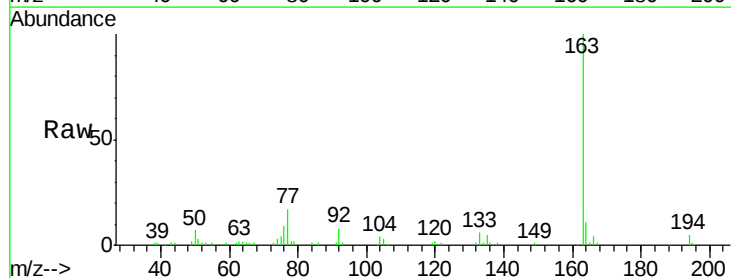
RT: 14.21 min Scan# 1858

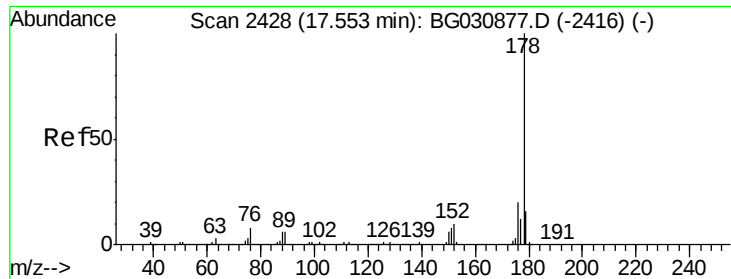
Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Tgt Ion:	163	Resp:	51849
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	11.1	7.6	11.4





#69

Phenanthrene

Concen: 7.513 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

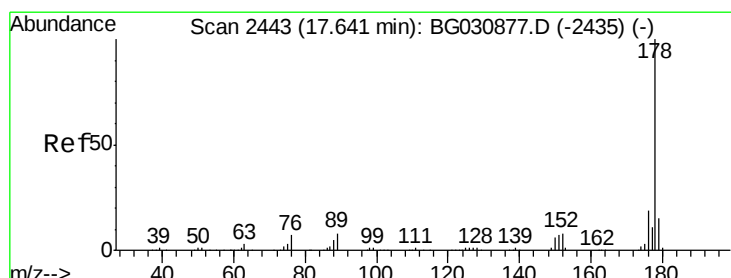
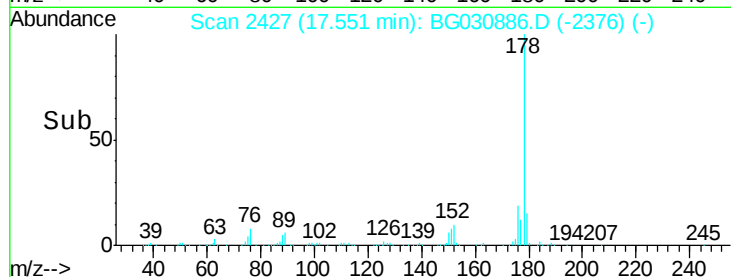
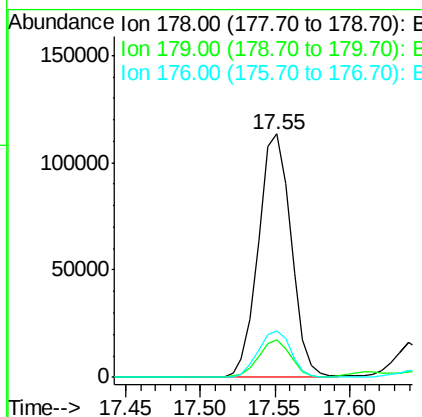
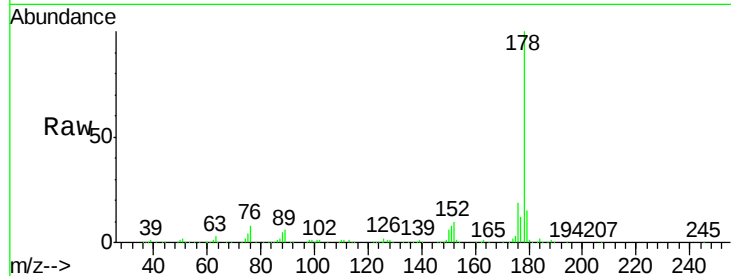
ClientSampleId :

B0F46

Tgt Ion:	178	Resp:	172080
Ion Ratio	Lower	Upper	
178	100		
179	15.2	13.0	19.6
176	19.1	15.3	22.9

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#71

Anthracene

Concen: 1.044 ng/ul

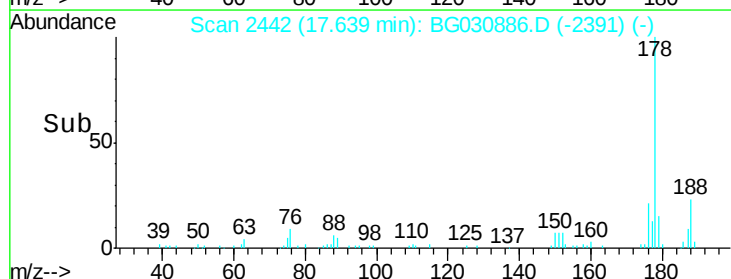
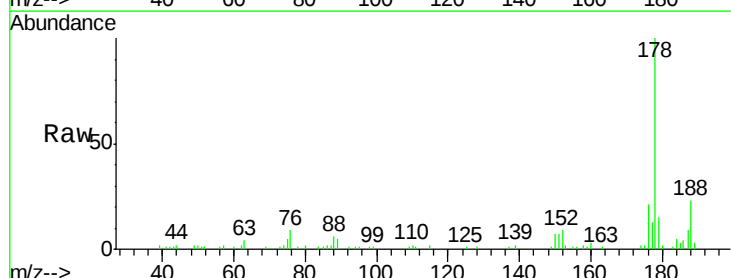
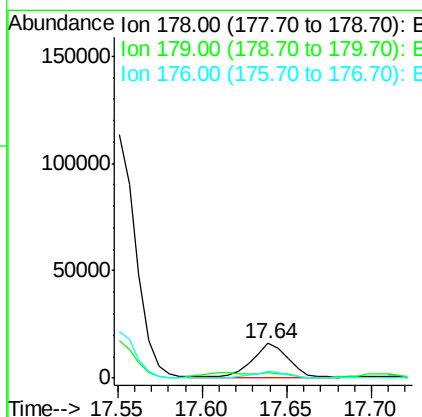
RT: 17.64 min Scan# 2442

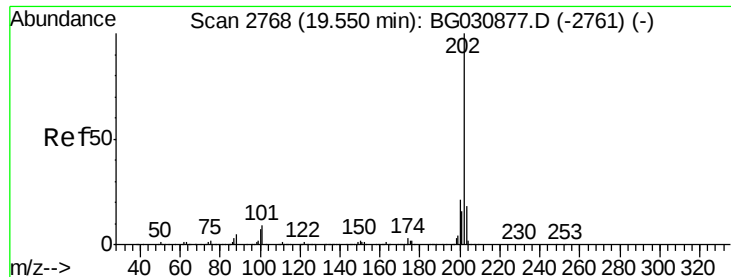
Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Tgt Ion:	178	Resp:	24664
Ion Ratio	Lower	Upper	
178	100		
179	14.6	13.2	19.8
176	20.9	16.0	24.0





#74

Fluoranthene

Concen: 11.482 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

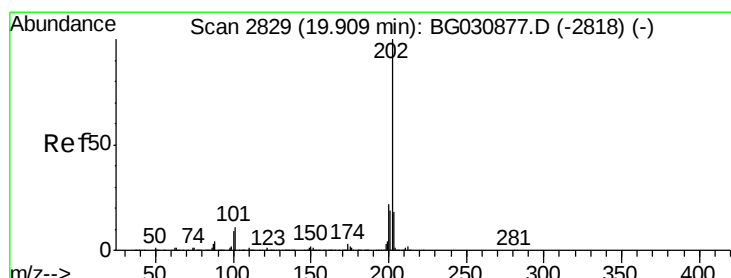
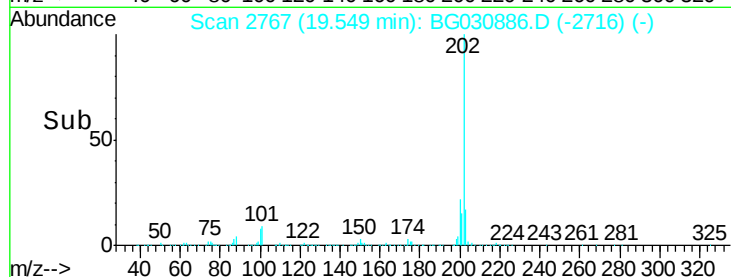
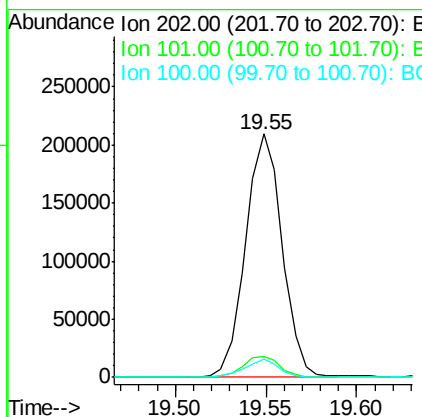
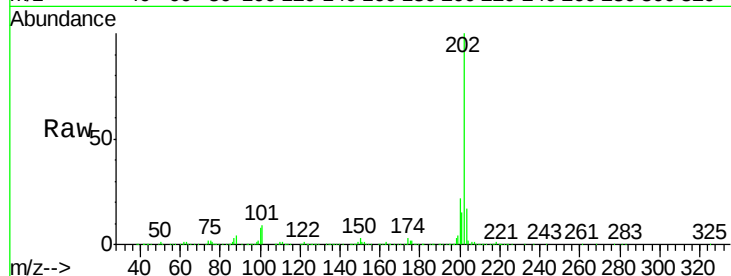
ClientSampleId :

B0F46

Tgt	Ion	202	Resp:	293919
Ion	Ratio	100	Lower	Upper
202	100			
101	8.6		7.4	11.2
100	7.7		5.6	8.4

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#77

Pyrene

Concen: 8.087 ng/ul

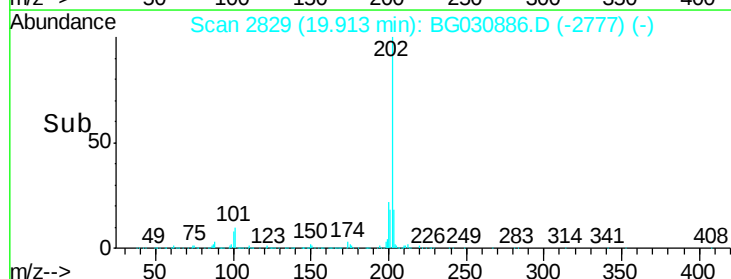
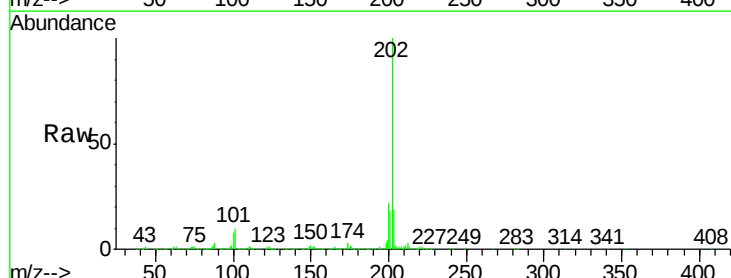
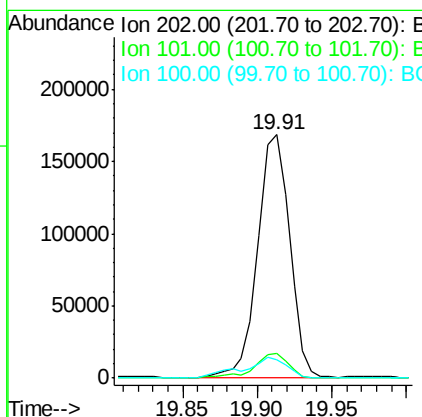
RT: 19.91 min Scan# 2829

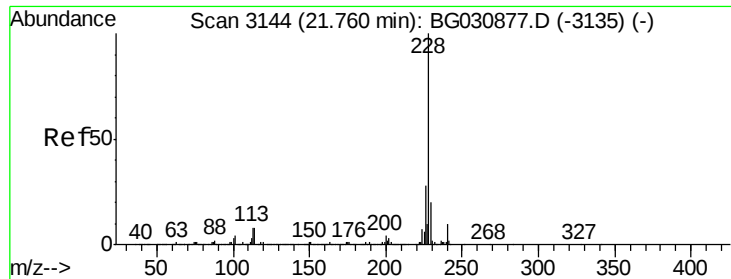
Delta R.T. 0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Tgt	Ion	202	Resp:	250592
Ion	Ratio	100	Lower	Upper
202	100			
101	9.9		8.4	12.6
100	7.6		7.0	10.6





#80

Benzo(a)anthracene

Concen: 4.616 ng/ul

RT: 21.76 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

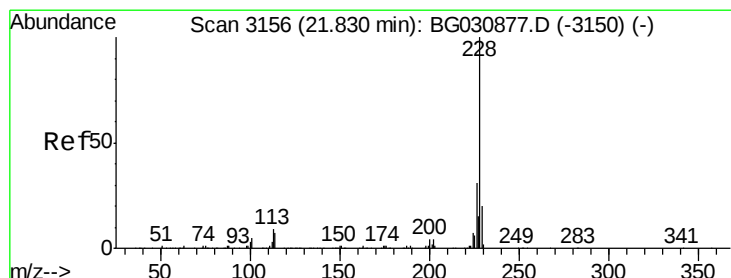
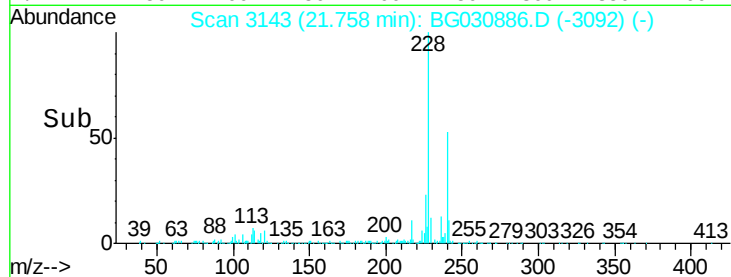
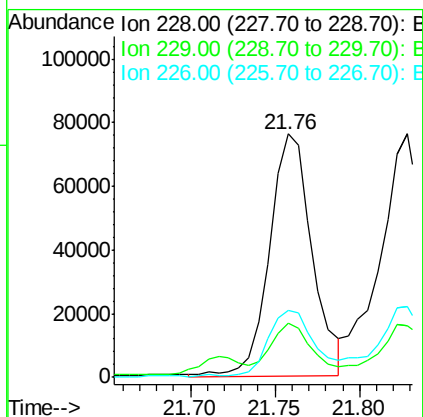
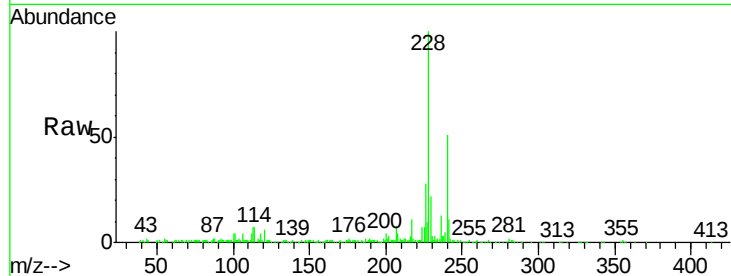
ClientSampled :

B0F46

Tgt Ion:	228	Resp:	133736
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.2	24.4
226	27.5	22.2	33.2

Manual Integrations
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#82

Chrysene

Concen: 5.260 ng/ul

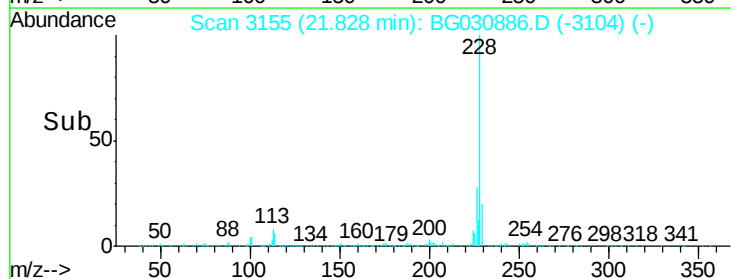
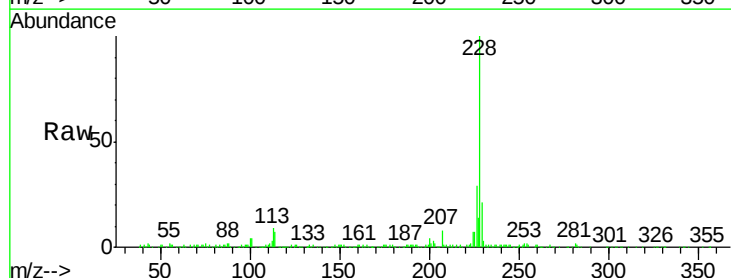
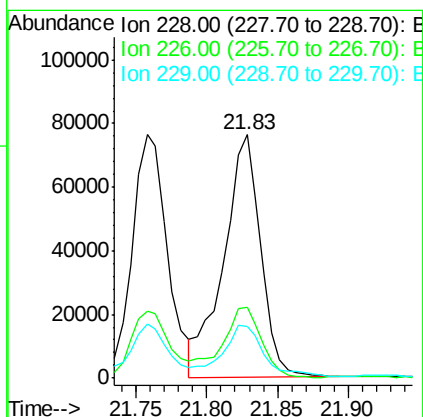
RT: 21.83 min Scan# 3155

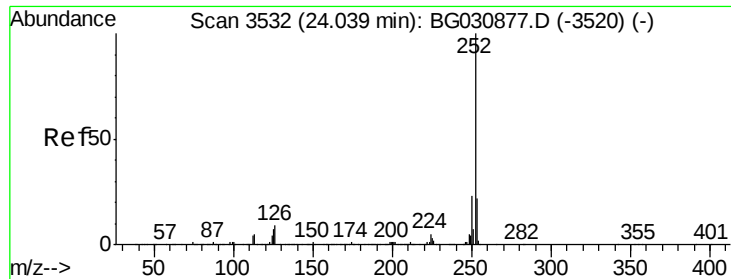
Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Tgt Ion:	228	Resp:	138478
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.2	36.2
229	21.3	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 5.580 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

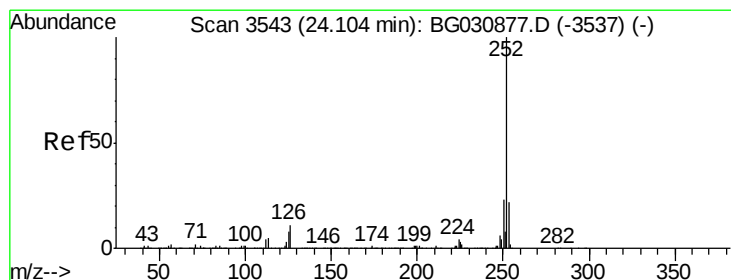
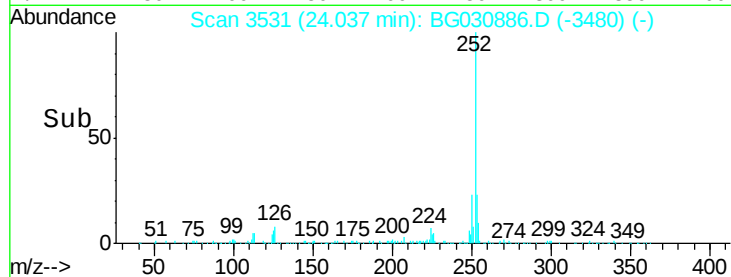
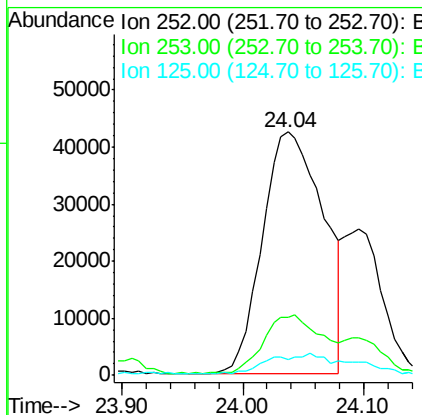
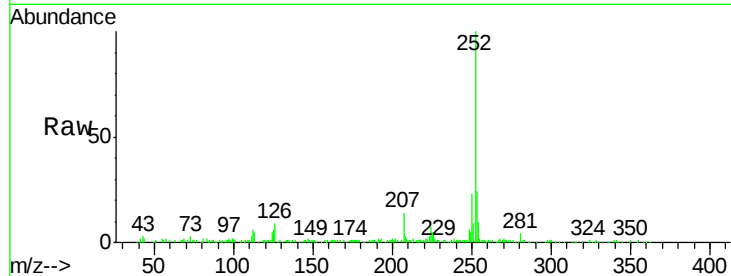
ClientSampled :

B0F46

Tgt Ion:	252	Resp:	149111
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.4
125	6.4	7.5	11.3#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.165 ng/ul m

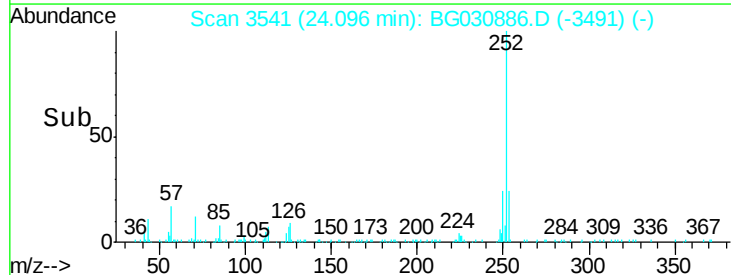
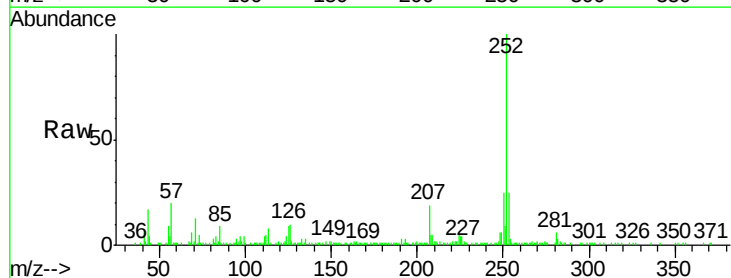
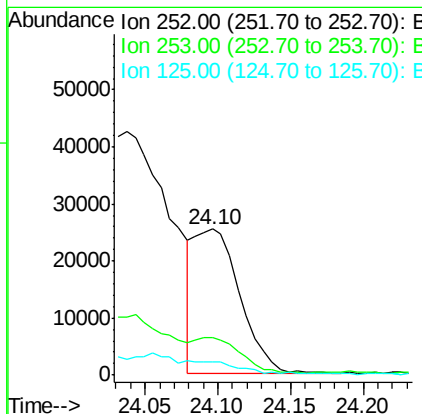
RT: 24.10 min Scan# 3541

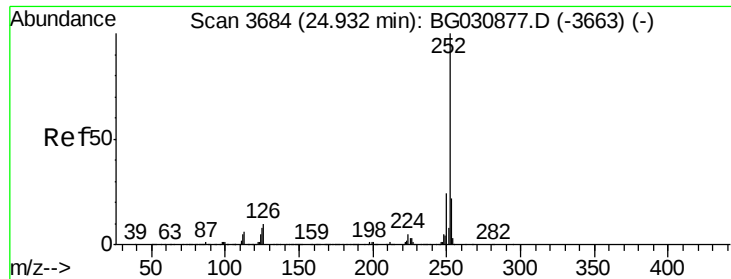
Delta R.T. -0.01 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Tgt Ion:	252	Resp:	55935
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.2	25.8
125	9.1	7.8	11.8





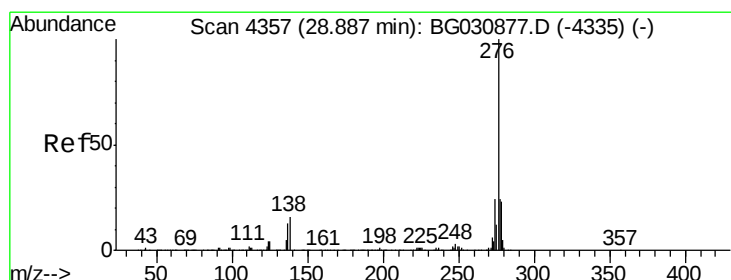
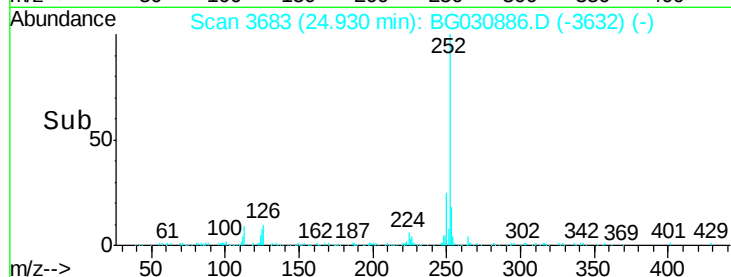
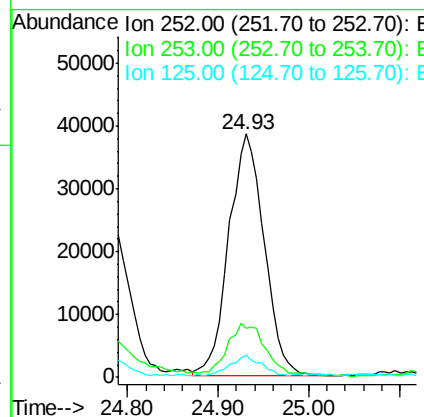
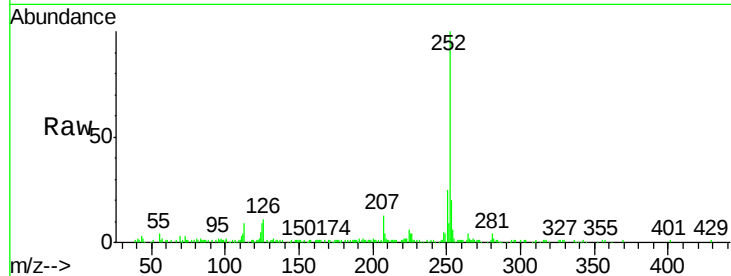
#88
Benzo(a)pyrene
Concen: 4.024 ng/ul
RT: 24.93 min Scan# 3683
Delta R.T. -0.00 min
Lab File: BG030886.D
Acq: 9 Nov 2017 18:57

Instrument :
BNA_G
ClientSampled :
B0F46

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.3	17.1	25.7
125	9.0	7.8	11.8

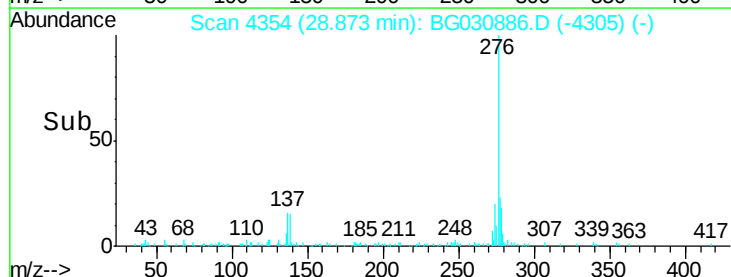
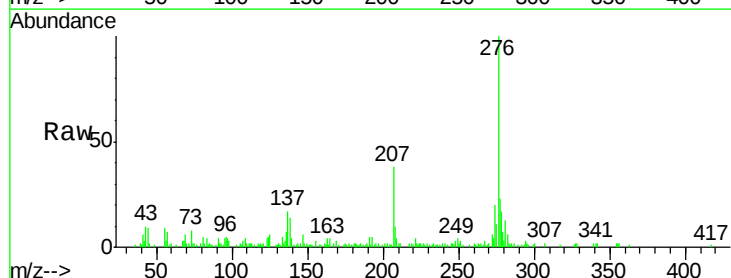
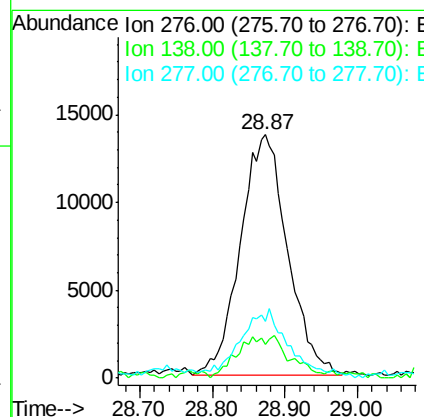
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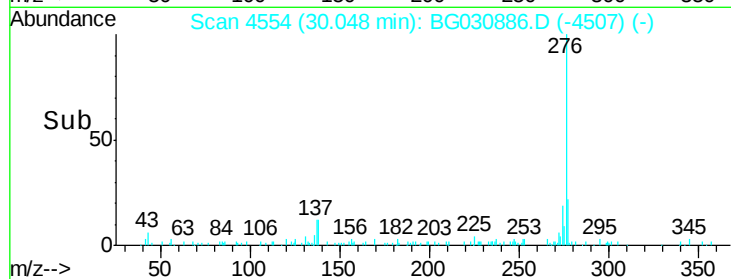
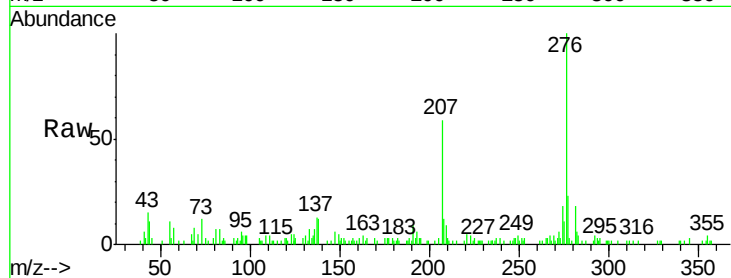
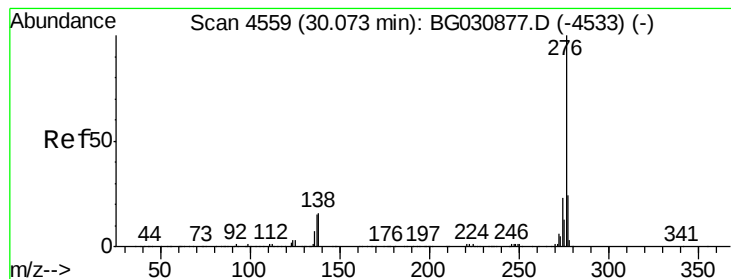
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.092 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.01 min
Lab File: BG030886.D
Acq: 9 Nov 2017 18:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.8	13.4	20.0
277	23.1	18.6	28.0





#91

Benzo(g,h,i)perylene

Concen: 2.046 ng/u1

RT: 30.05 min Scan# 4554

Delta R.T. -0.03 min

Lab File: BG030886.D

Acq: 9 Nov 2017 18:57

Instrument :

BNA_G

ClientSampleId :

B0F46

Tgt Ion:	276	Resp:	49909
Ion Ratio	Lower	Upper	
276	100		
138	11.6	12.1	18.1#
277	23.3	17.7	26.5

Manual Integrations
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