

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018202.D
 Acq On : 1 Aug 2015 4:03
 Operator : TP/UM
 Sample : G3065-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02A4

Manual Integrations
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apatel
 8/12/2015 8:25:25 AM

Quant Time: Aug 04 16:10:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	49491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	254104	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	169382	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	334841	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	302533	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	327415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	3094	4.72	ng/uL	0.00
5) Phenol-d5	6.67	99	141271	31.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	65021	28.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	102357	30.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	123601	34.11	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	54187	27.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	67472	29.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	129492	31.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	153323	30.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	420134	32.10	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	420452	27.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	75569	31.19	ng/ul	0.00
58) Fluorene-d10	15.16	176	338517	28.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	56338	24.10	ng/ul	0.00
71) Anthracene-d10	17.01	188	466191	32.02	ng/ul	0.00
79) Pyrene-d10	19.32	212	402207	27.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	483962	29.23	ng/ul	0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	13.62	163	703345	54.01	ng/ul	99
57) Diethylphthalate	15.00	149	43406	3.22	ng/ul	96
70) Phenanthrene	16.95	178	110417	6.49	ng/ul	96
72) Anthracene	17.04	178	23507m	1.39	ng/ul	
77) Fluoranthene	18.98	202	191210	10.23	ng/ul#	96
80) Pyrene	19.35	202	153780	8.38	ng/ul	97
83) Benzo(a)anthracene	21.10	228	106719	6.55	ng/ul	97
85) Chrysene	21.16	228	104811	7.02	ng/ul	96
88) Benzo(b)fluoranthene	22.64	252	129324	6.57	ng/ul	97
89) Benzo(k)fluoranthene	22.68	252	48878	2.70	ng/ul	97
91) Benzo(a)pyrene	23.20	252	90782	5.16	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.48	276	53412	2.62	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.50	278	18159m	1.04	ng/ul	
94) Benzo(g,h,i)perylene	26.16	276	51522	3.10	ng/ul#	93

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

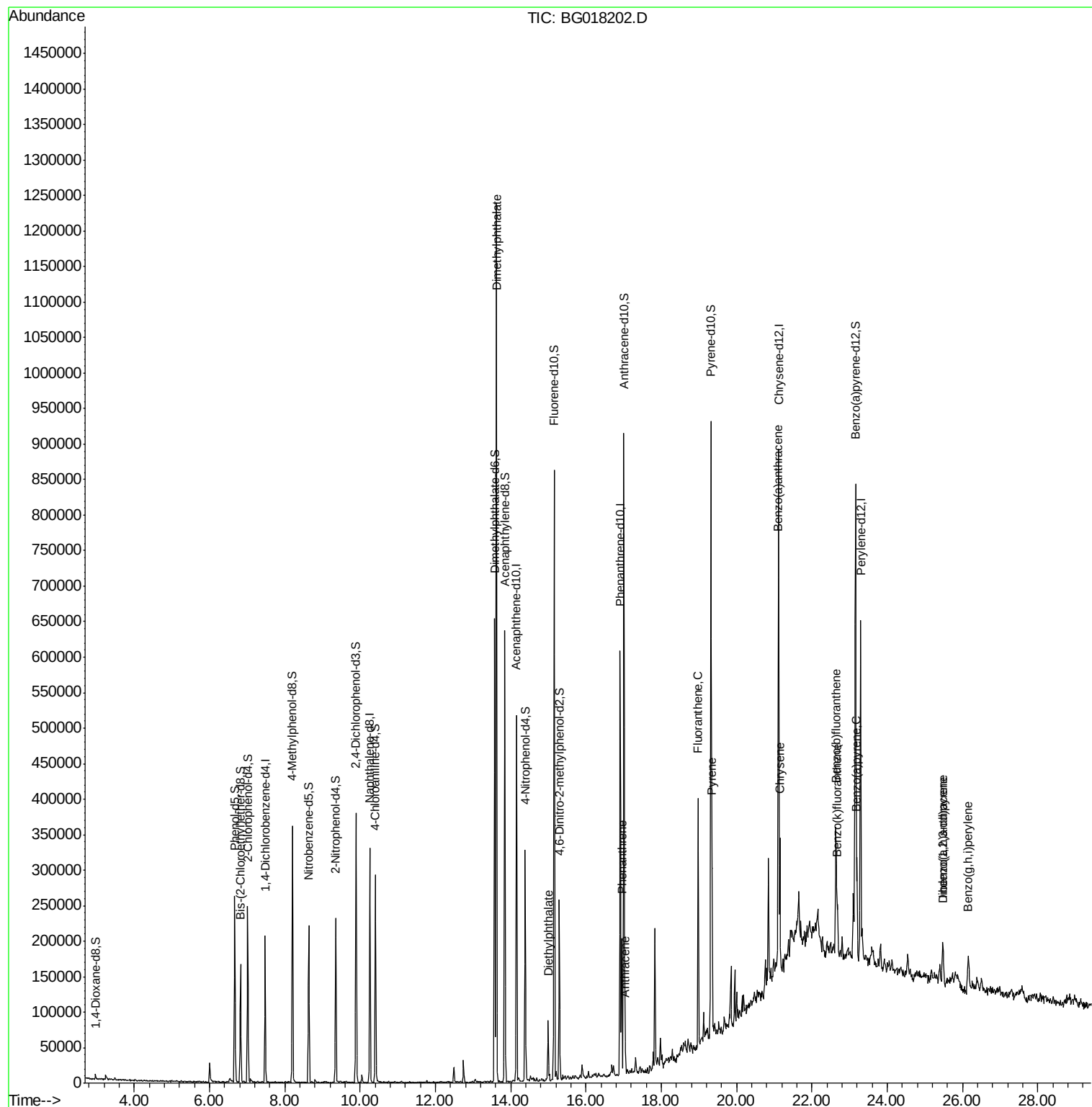
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018202.D
Acq On : 1 Aug 2015 4:03
Operator : TP/UM
Sample : G3065-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

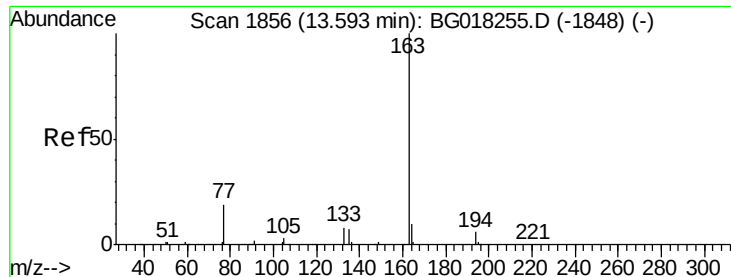
Instrument :
BNA_G
ClientSampleId :
C02A4

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Quant Time: Aug 04 16:10:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 54.01 ng/ul

RT: 13.62 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BG018202.D

Acq: 1 Aug 2015 4:03

Instrument :

BNA_G

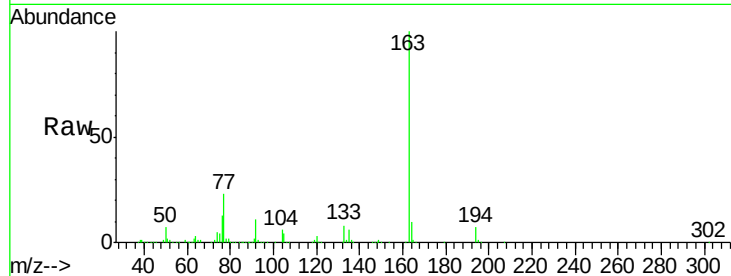
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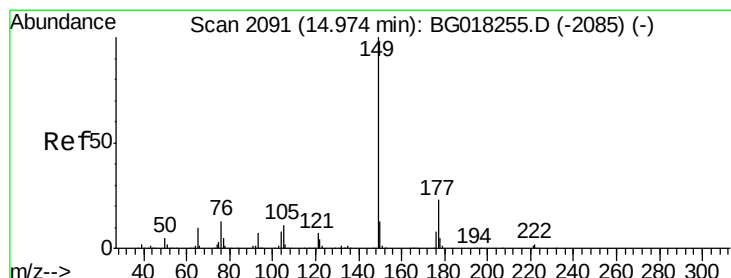
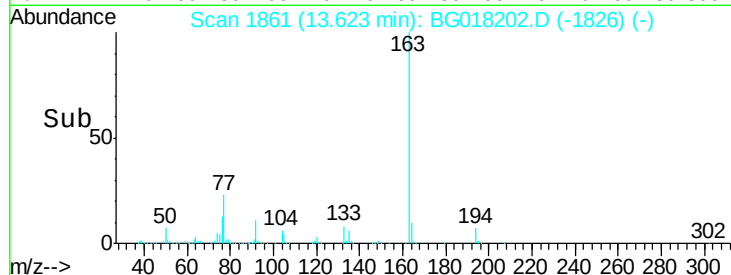
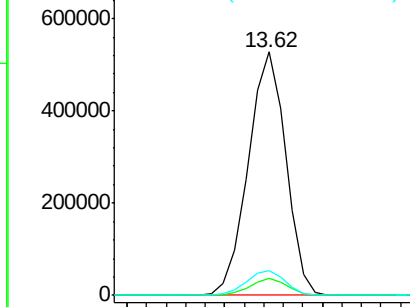
Tgt	Ion:163	Resp:	703345
Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.2	7.8
164	10.3	8.4	12.6

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

Diethylphthalate

Concen: 3.22 ng/ul

RT: 15.00 min Scan# 2095

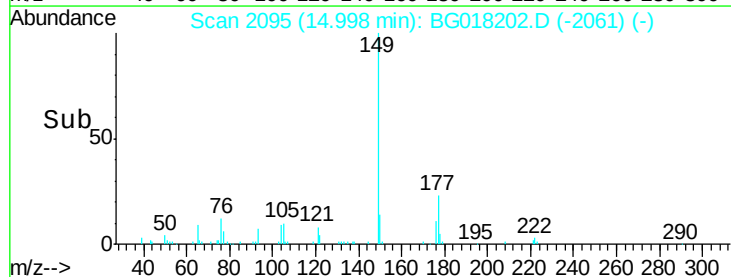
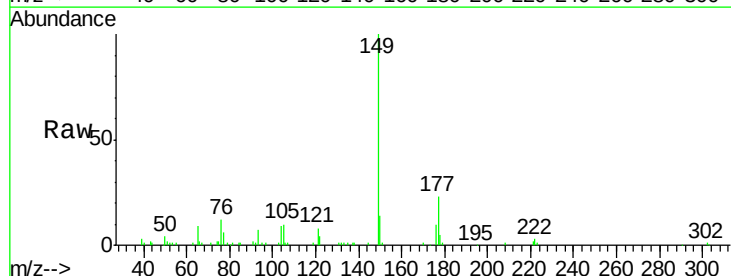
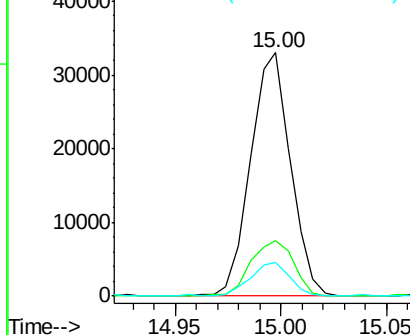
Delta R.T. 0.00 min

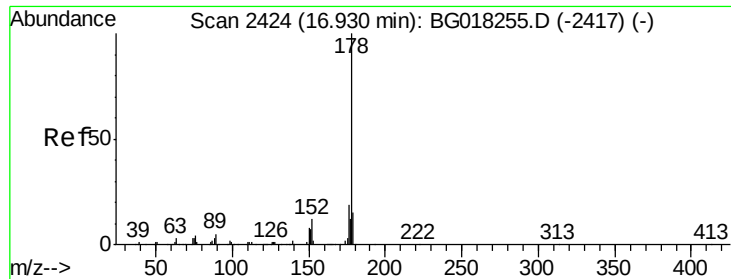
Lab File: BG018202.D

Acq: 1 Aug 2015 4:03

Tgt	Ion:149	Resp:	43406
Ion	Ratio	Lower	Upper
149	100		
177	22.8	20.1	30.1
150	13.8	10.0	15.0

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





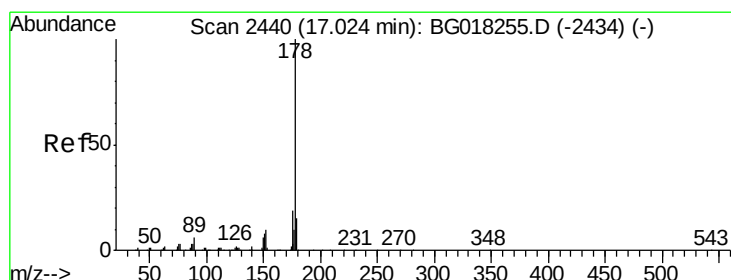
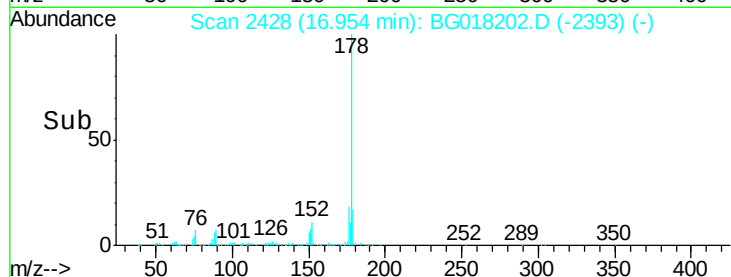
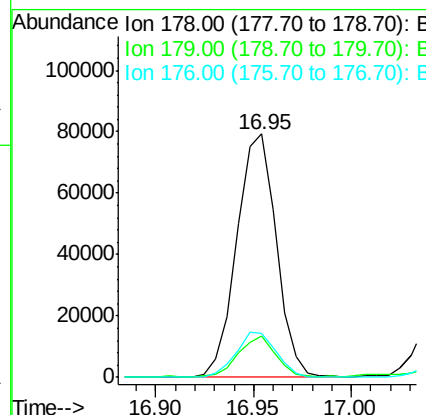
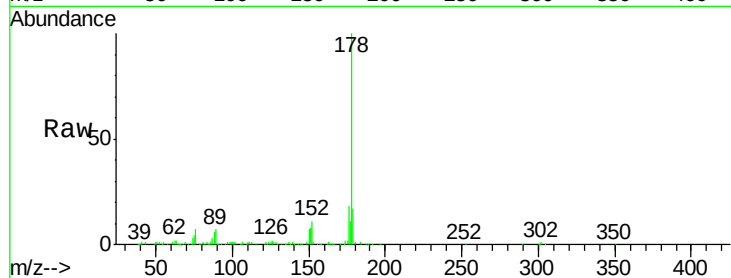
#70
 Phenanthrene
 Concen: 6.49 ng/ul
 RT: 16.95 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BG018202.D
 Acq: 1 Aug 2015 4:03

Instrument :
 BNA_G
 ClientSampled :
 C02A4

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	110417		
179	17.2	12.8	19.2	
176	17.9	16.0	24.0	

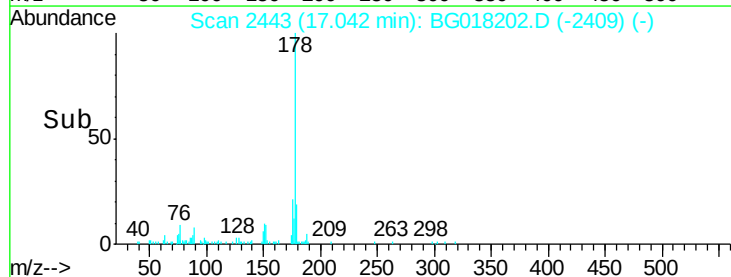
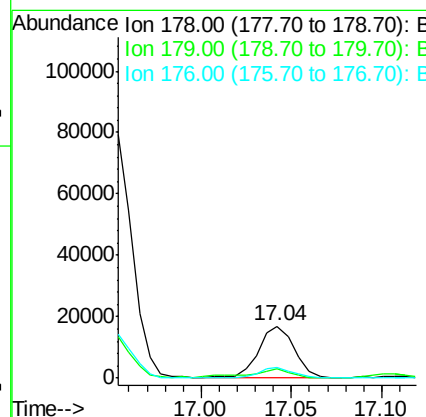
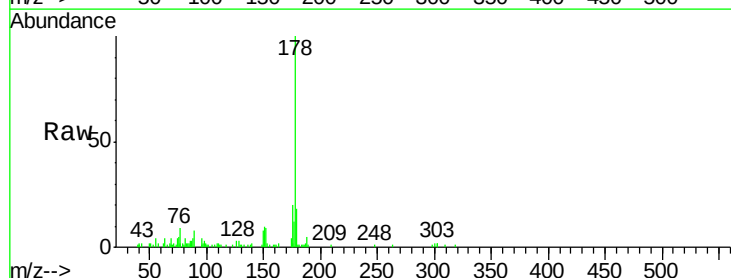
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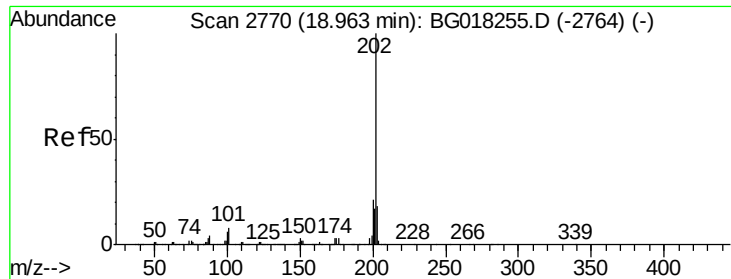
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#72
 Anthracene
 Concen: 1.39 ng/ul m
 RT: 17.04 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG018202.D
 Acq: 1 Aug 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	23507		
179	18.3	12.2	18.2#	
176	20.3	14.8	22.2	





#77

Fluoranthene

Concen: 10.23 ng/ul

RT: 18.98 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG018202.D

Acq: 1 Aug 2015 4:03

Instrument :

BNA_G

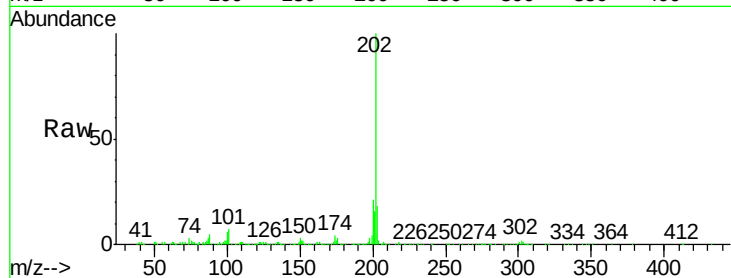
ClientSampleId :

C02A4

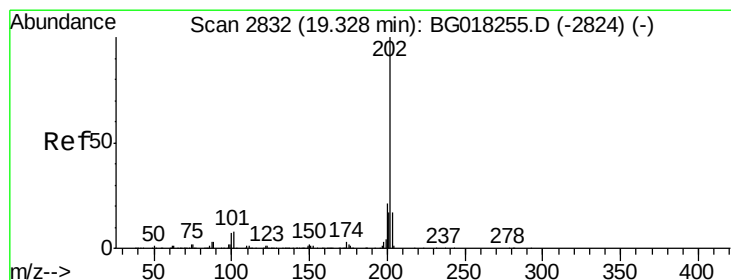
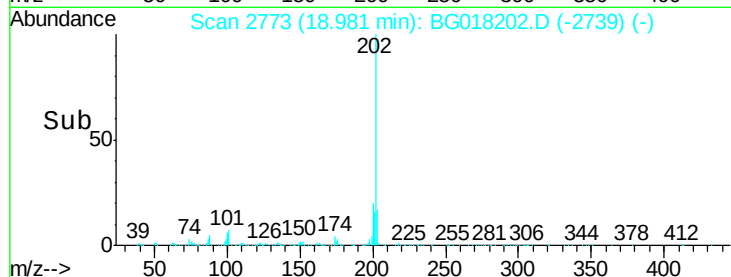
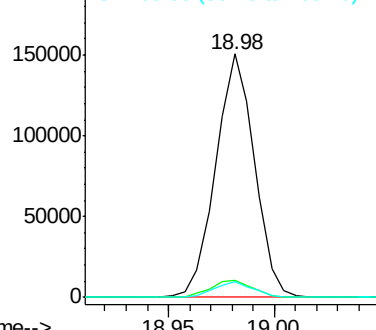
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		191210		
101	7.3	7.5	11.3#		
100	6.3	5.5	8.3		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 8.38 ng/ul

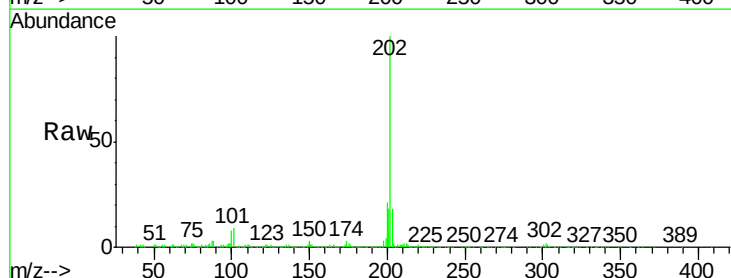
RT: 19.35 min Scan# 2835

Delta R.T. 0.00 min

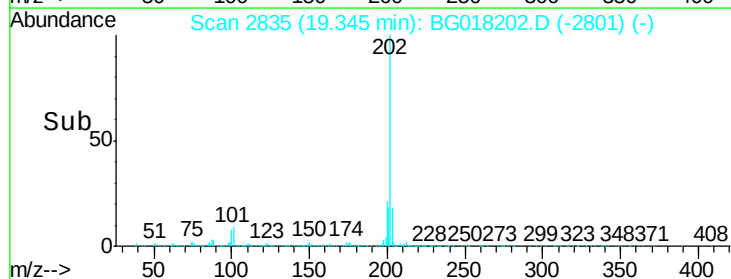
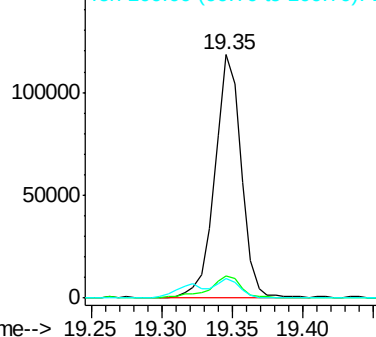
Lab File: BG018202.D

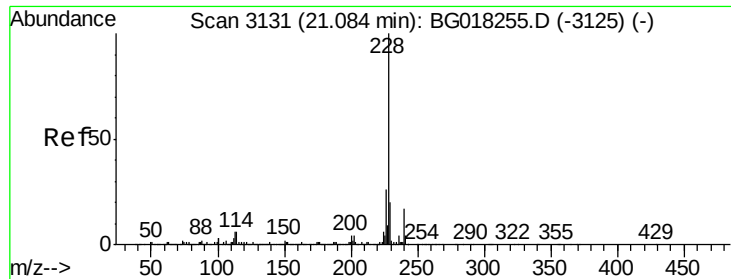
Acq: 1 Aug 2015 4:03

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		153780		
101	9.1	8.1	12.1		
100	8.2	7.4	11.0		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





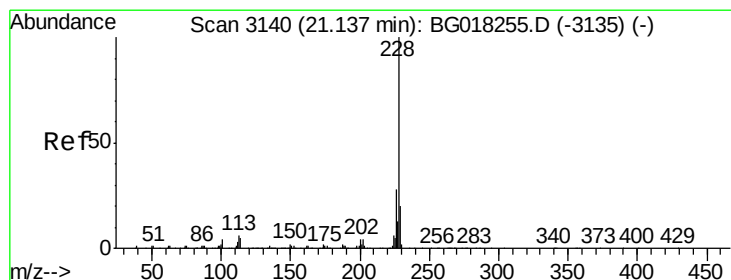
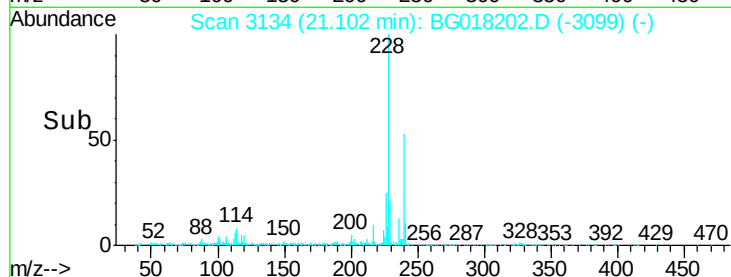
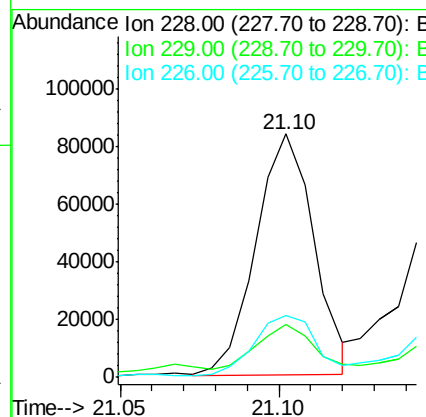
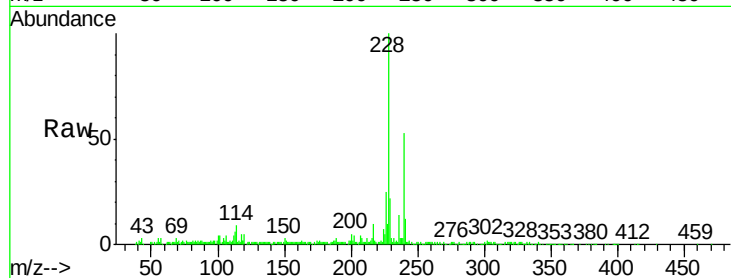
#83
 Benzo(a)anthracene
 Concen: 6.55 ng/ul
 RT: 21.10 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BG018202.D
 Acq: 1 Aug 2015 4:03

Instrument :
 BNA_G
 ClientSampleId :
 C02A4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	106719		
229	21.7	16.5	24.7	
226	25.4	21.5	32.3	

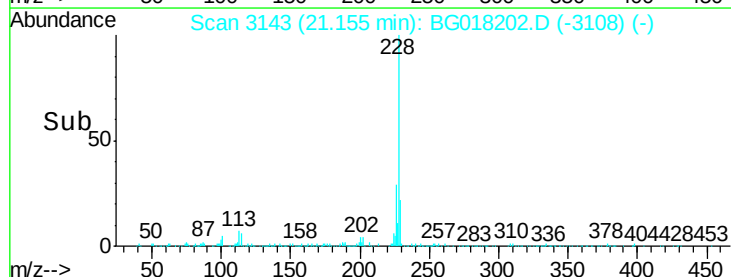
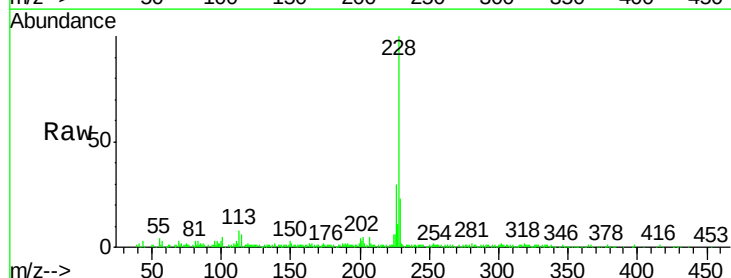
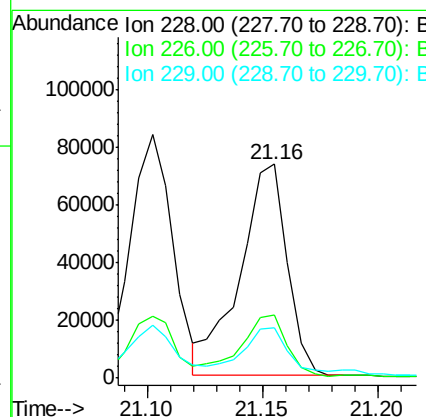
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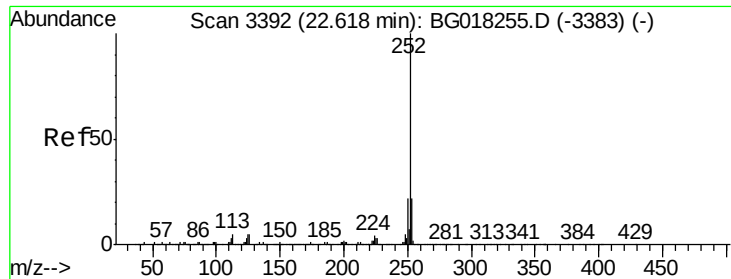
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#85
 Chrysene
 Concen: 7.02 ng/ul
 RT: 21.16 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BG018202.D
 Acq: 1 Aug 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	104811		
226	29.6	22.7	34.1	
229	23.4	16.2	24.2	





#88

Benzo(b)fluoranthene

Concen: 6.57 ng/ul

RT: 22.64 min Scan# 3396

Delta R.T. 0.01 min

Lab File: BG018202.D

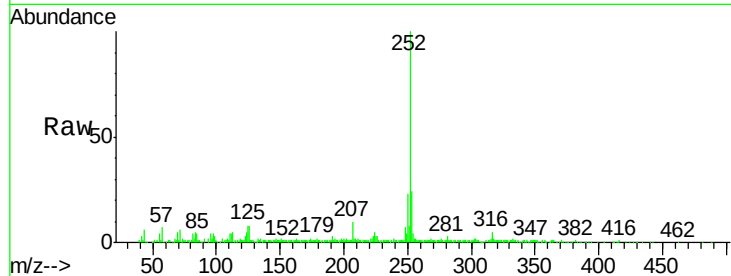
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Instrument :

BNA_G

ClientSampleId :

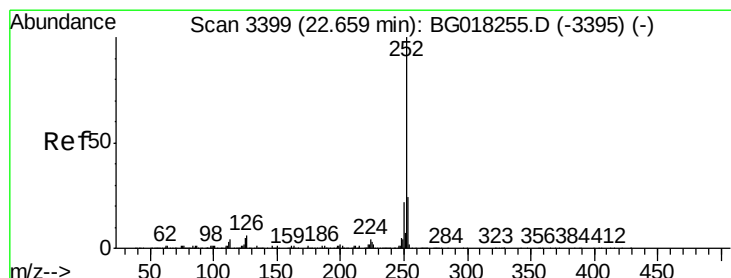
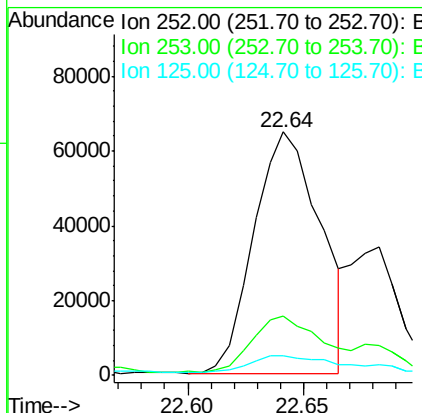
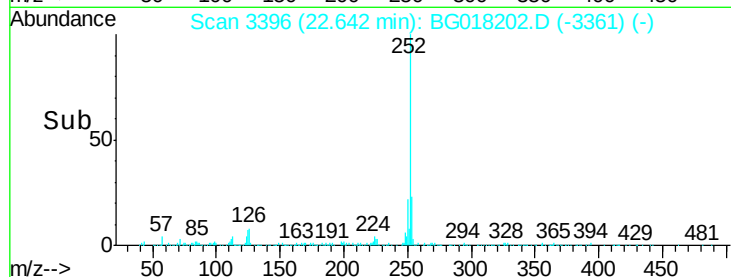
C02A4



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	8.0	7.4	11.0

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#89

Benzo(k)fluoranthene

Concen: 2.70 ng/ul

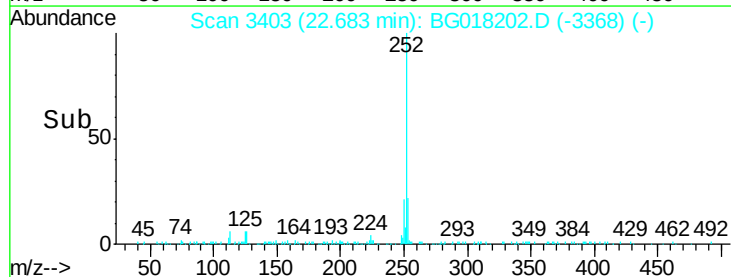
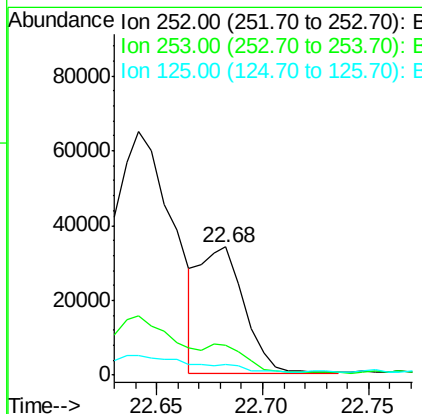
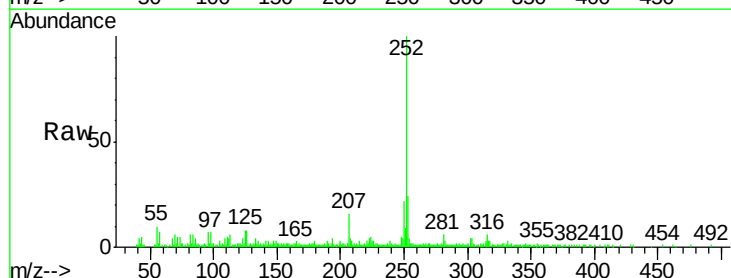
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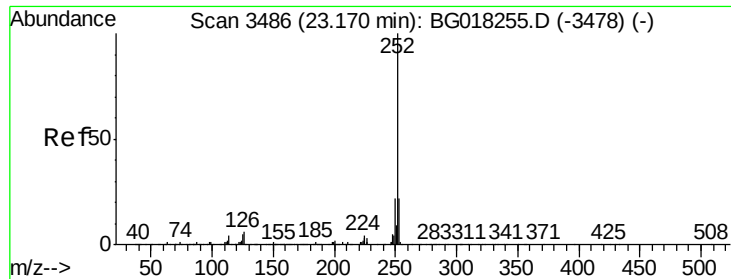
Delta R.T. 0.01 min

Lab File: BG018202.D

Acq: 1 Aug 2015 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	7.8	7.5	11.3





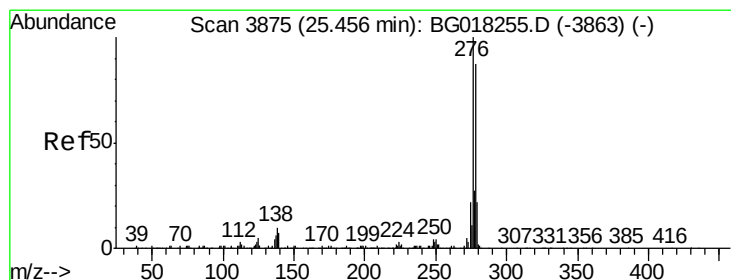
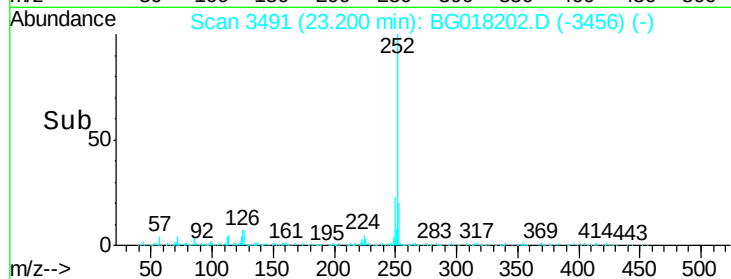
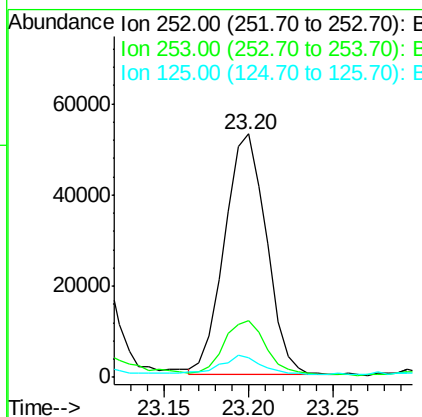
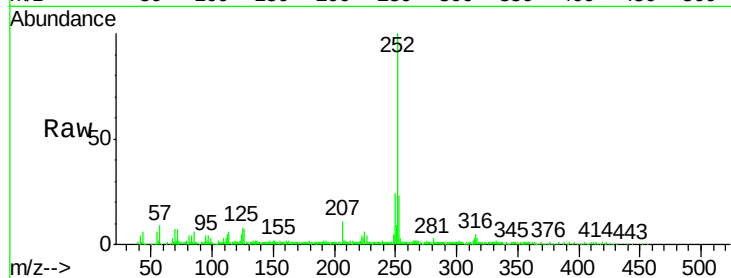
#91
Benzo(a)pyrene
Concen: 5.16 ng/ul
RT: 23.20 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BG018202.D
Acq: 1 Aug 2015 4:03

Instrument :
BNA_G
ClientSampleId :
C02A4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.4	26.2
125	8.3	7.3	10.9

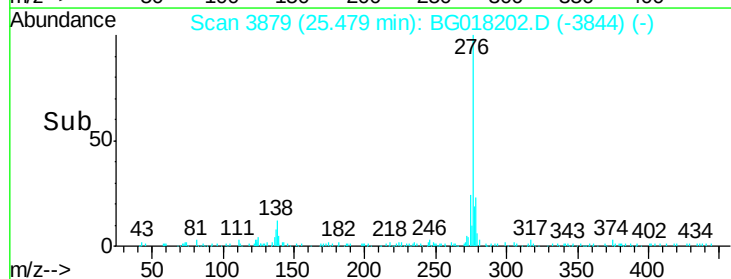
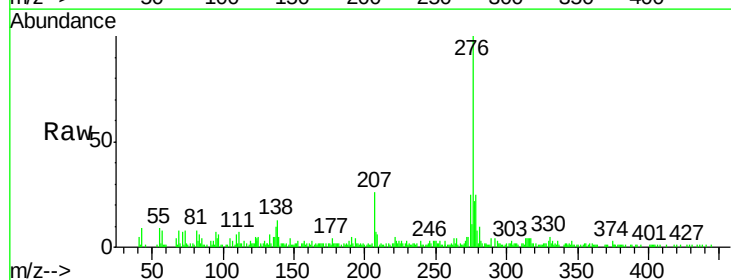
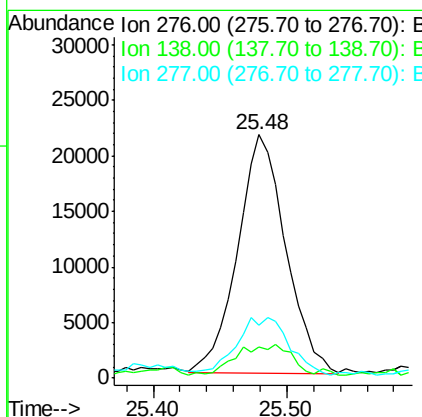
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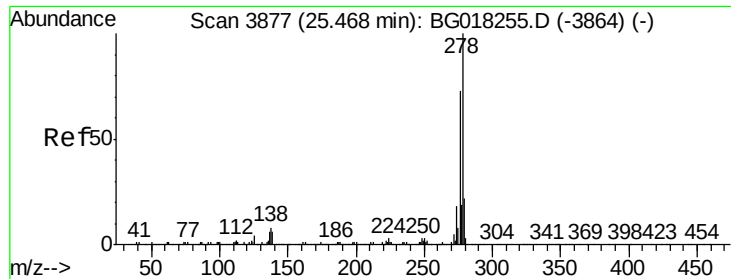
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.62 ng/ul
RT: 25.48 min Scan# 3879
Delta R.T. 0.01 min
Lab File: BG018202.D
Acq: 1 Aug 2015 4:03

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.0	17.2	25.8#
277	21.9	19.5	29.3





#93

Dibenzo(a,h)anthracene

Concen: 1.04 ng/ul m

RT: 25.50 min Scan# 3882

Delta R.T. 0.01 min

Lab File: BG018202.D

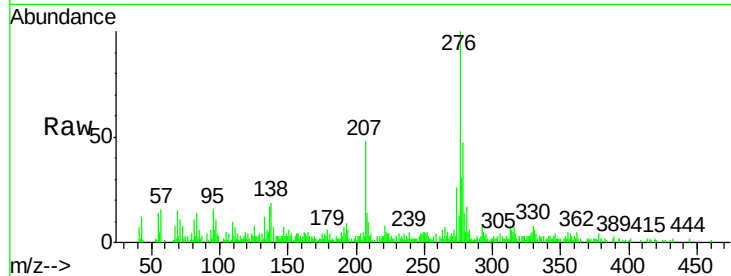
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Instrument :

BNA_G

ClientSampleId :

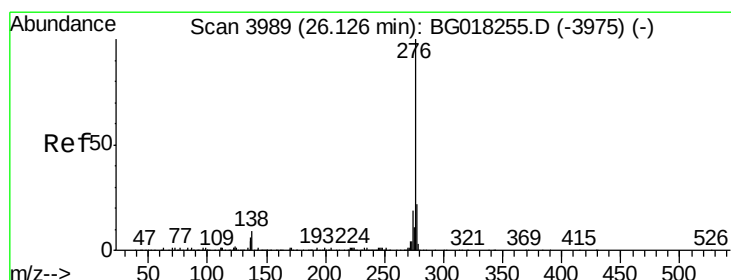
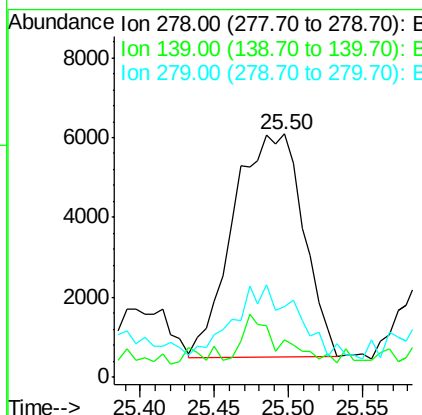
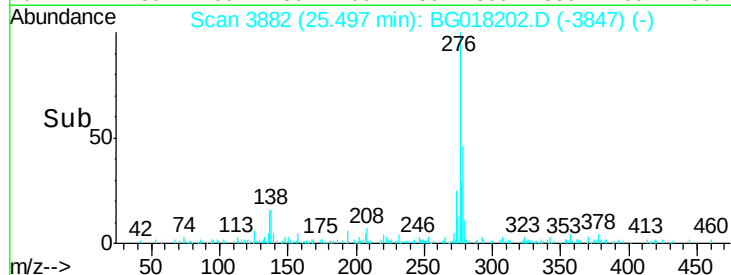
C02A4



Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.2	18.2
279	28.9	20.0	30.0

Manual Integrations
APPROVED

apatel
8/12/2015 8:25:25 AM



#94

Benzo(g,h,i)perylene

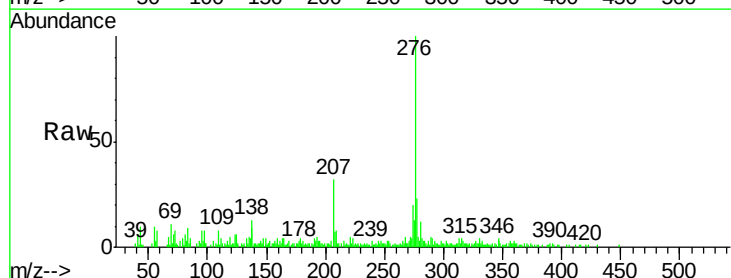
Concen: 3.10 ng/ul

RT: 26.16 min Scan# 3994

Delta R.T. 0.01 min

Lab File: BG018202.D

Acq: 1 Aug 2015 4:03



Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	15.1	22.7#
277	23.5	19.8	29.6

