

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
 Data File : BG022066.D
 Acq On : 25 May 2016 20:02
 Operator : UM/SJ
 Sample : H3203-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ0

Manual Integrations
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 5/26/2016 6:42:39 PM

Quant Time: May 26 03:32:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 26 03:11:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35577	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	192650	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	112740	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	217059	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	179804	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	172870	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.52	96	895	1.15	ng/uL	0.00
3) Phenol-d5	7.31	99	47875	15.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	25228	15.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	42558	16.50	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	47369	16.93	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	23331	17.26	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	24882	17.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	43588	17.10	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	39561m	19.71	ng/ul	0.00
16) Dimethylphthalate-d6	14.17	166	149752	17.23	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	199797	17.84	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	15025m	9.83	ng/ul	0.00
21) Fluorene-d10	15.77	176	131875	16.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	17903	16.62	ng/ul	0.00
26) Anthracene-d10	17.62	188	182580	18.26	ng/ul	0.00
30) Pyrene-d10	19.90	212	172255	18.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	140135	18.25	ng/ul	0.00

Target Compounds

						Ovalue
11) Naphthalene	11.03	128	13308	1.42	ng/ul	96
13) 2-Methylnaphthalene	12.62	142	12155	1.79	ng/ul	83
14) 1-Methylnaphthalene	12.84	142	10393m	1.50	ng/ul	
25) Phenanthrene	17.57	178	233491	20.12	ng/ul	96
27) Anthracene	17.66	178	33935	2.91	ng/ul	98
28) Fluoranthene	19.57	202	652748	54.14	ng/ul#	94
31) Pyrene	19.93	202	514456m	41.55	ng/ul	
32) Benzo(a)anthracene	21.79	228	298780	29.96	ng/ul	96
33) Chrysene	21.86	228	308333	31.78	ng/ul	95
35) Benzo(b)fluoranthene	24.09	252	465938	46.89	ng/ul#	95
36) Benzo(k)fluoranthene	24.14	252	190194m	19.46	ng/ul	
38) Benzo(a)pyrene	25.00	252	307494	32.36	ng/ul#	93
39) Indeno(1,2,3-cd)pyrene	28.97	276	251022	23.24	ng/ul	96
40) Dibenzo(a,h)anthracene	29.02	278	61563m	6.88	ng/ul	
41) Benzo(g,h,i)perylene	30.18	276	231087	25.29	ng/ul#	89

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

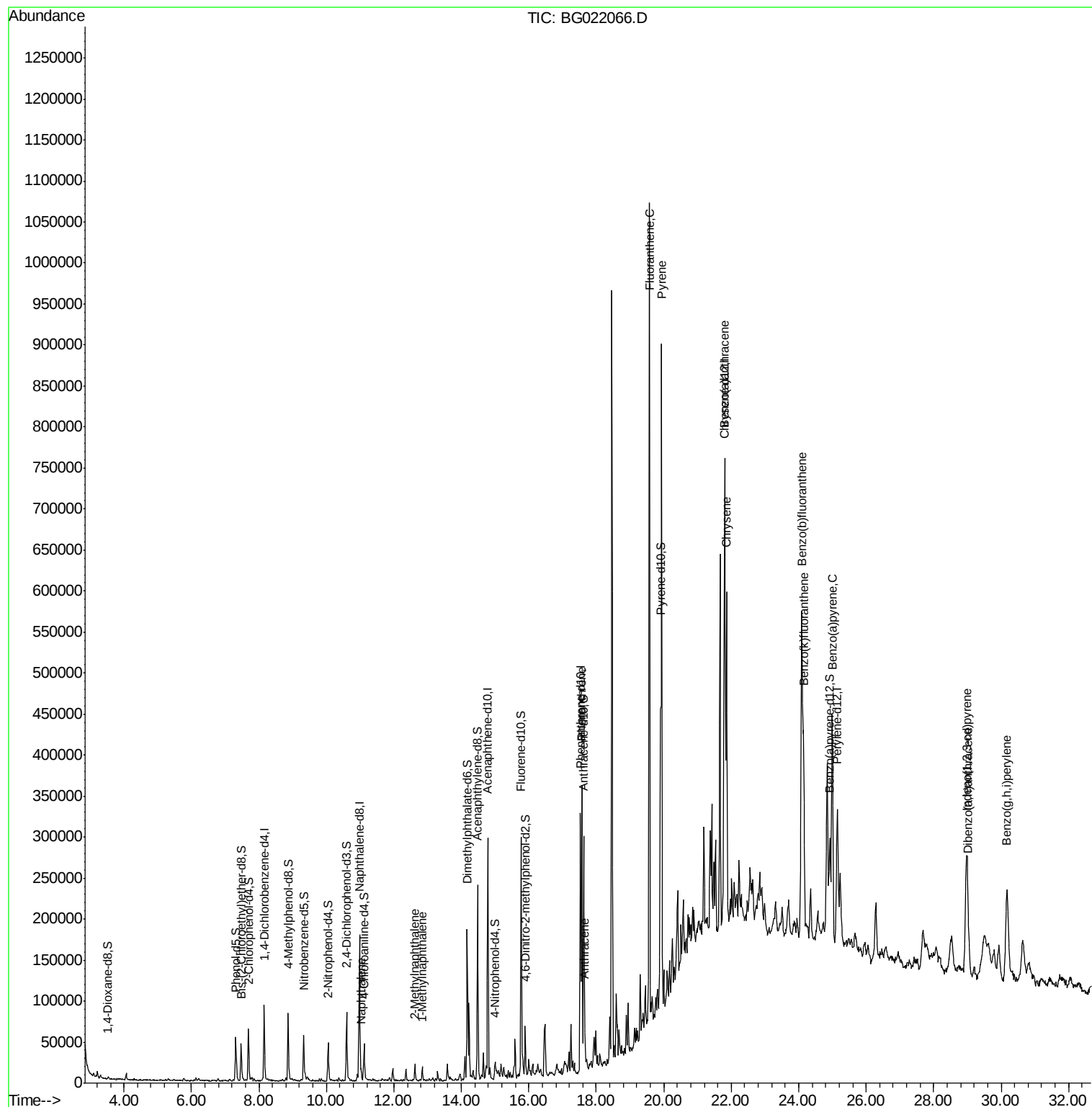
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
Data File : BG022066.D
Acq On : 25 May 2016 20:02
Operator : UM/SJ
Sample : H3203-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

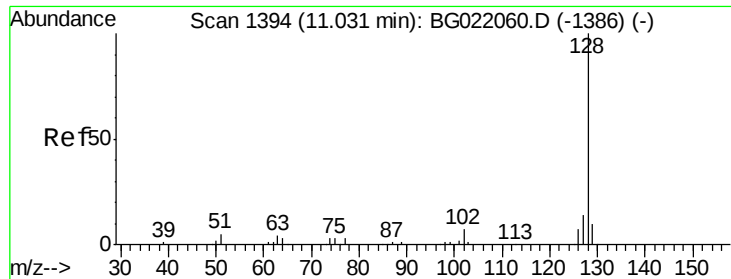
Instrument :
BNA_G
ClientSampleId :
D9XJ0

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Quant Time: May 26 03:32:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
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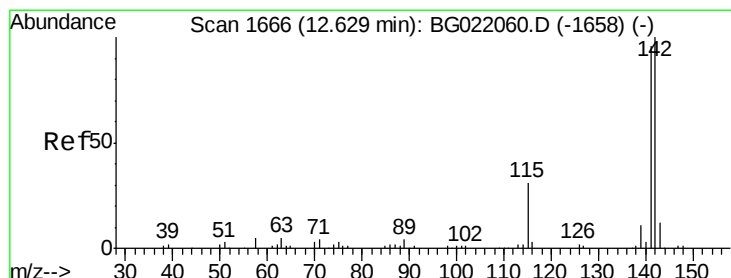
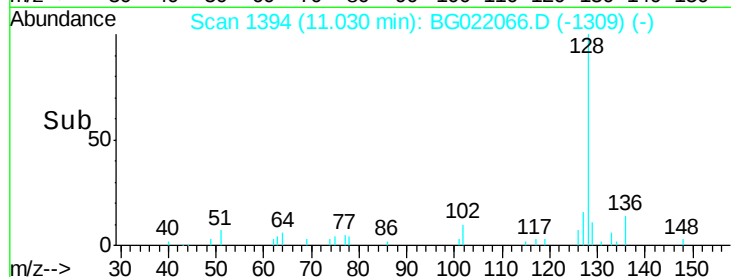
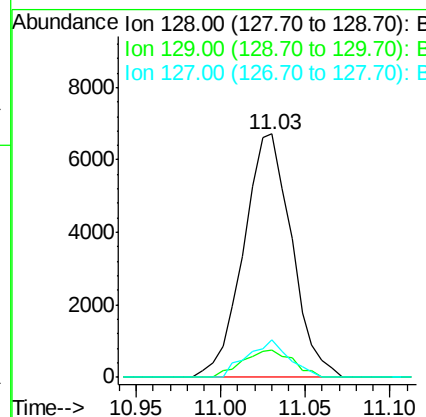
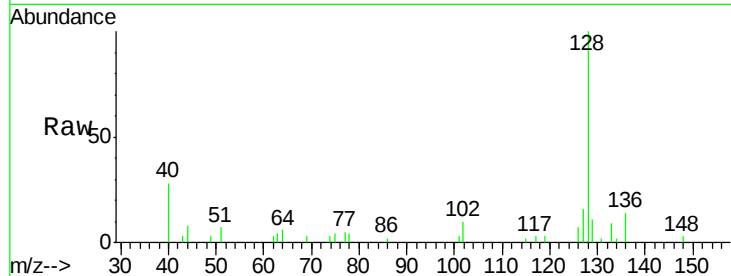
#11
Naphthalene
Concen: 1.42 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Instrument :
BNA_G
ClientSampleId :
D9XJ0

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.3	12.5
127	15.6	10.8	16.2

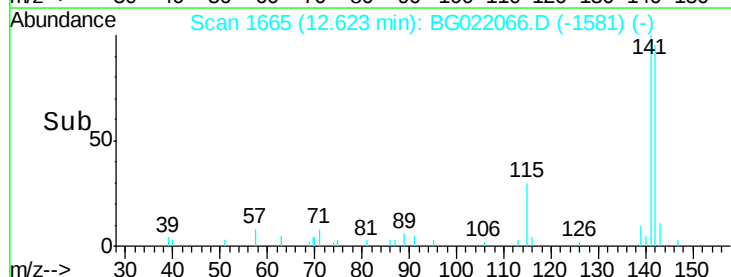
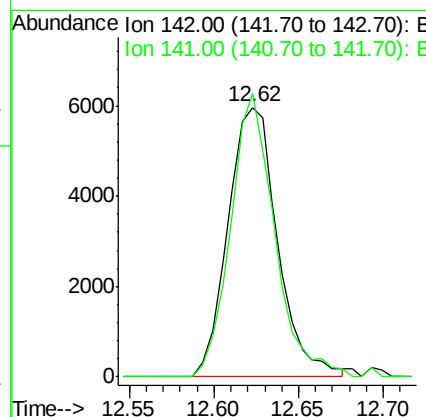
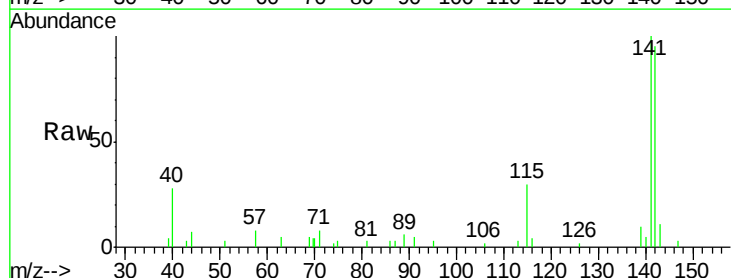
Manual Integrations
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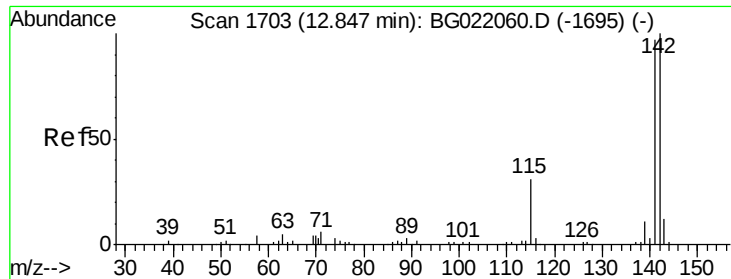
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#13
2-Methylnaphthalene
Concen: 1.79 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	104.9	71.3	106.9





#14

1-Methylnaphthalene

Concen: 1.50 ng/ul m

RT: 12.84 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG022066.D

Acq: 25 May 2016 20:02

Instrument :

BNA_G

ClientSampleId :

D9XJ0

Tot Ion:142 Resp: 10393

Ion Ratio Lower Upper

142 100

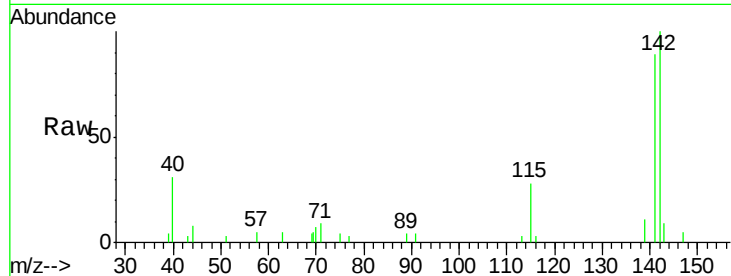
141 89.0 77.0 115.4

116 2.7 4.2 6.4#

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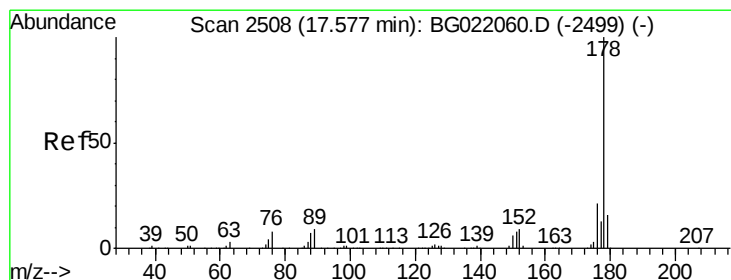
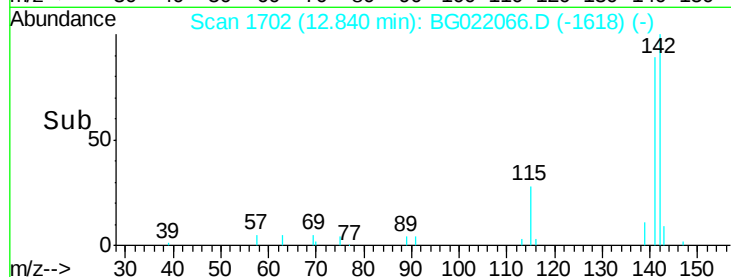
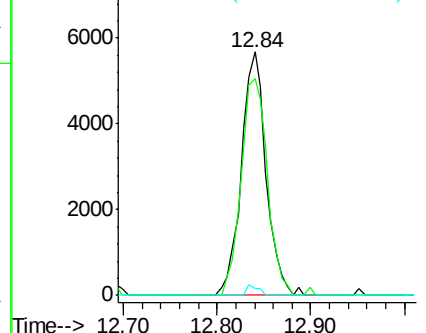
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#25

Phenanthrene

Concen: 20.12 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG022066.D

Acq: 25 May 2016 20:02

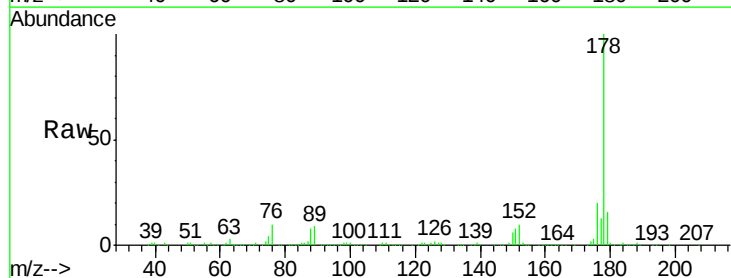
Tgt Ion:178 Resp: 233491

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.8

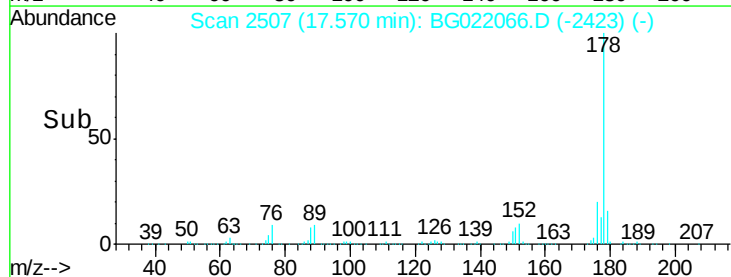
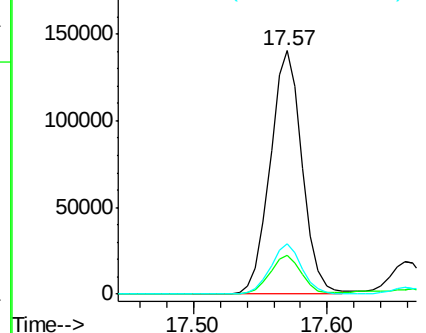
176 20.5 14.8 22.2

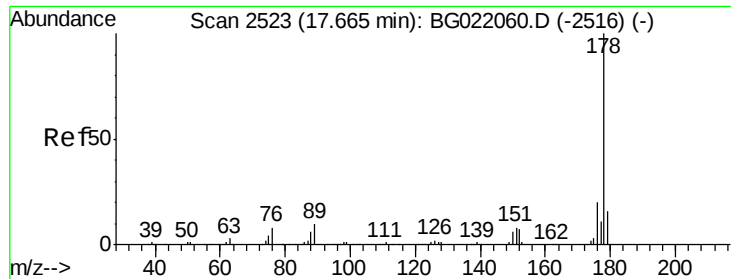


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





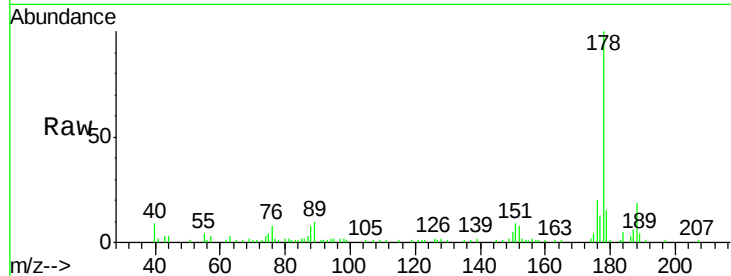
#27
 Anthracene
 Concen: 2.91 ng/ul
 RT: 17.66 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG022066.D
 Acq: 25 May 2016 20:02

Instrument :
 BNA_G
 ClientSampleId :
 D9XJ0

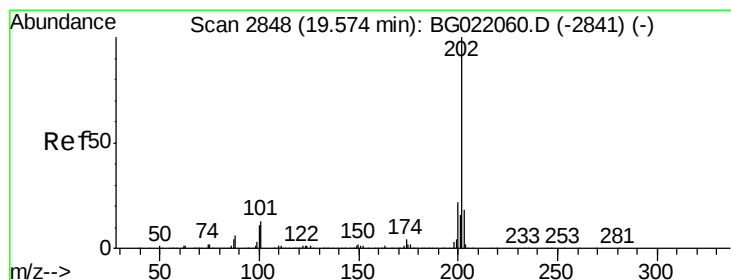
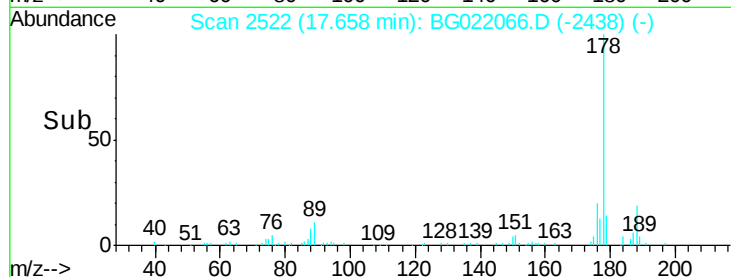
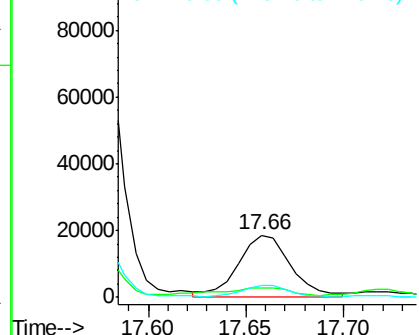
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	20.1	15.6	23.4

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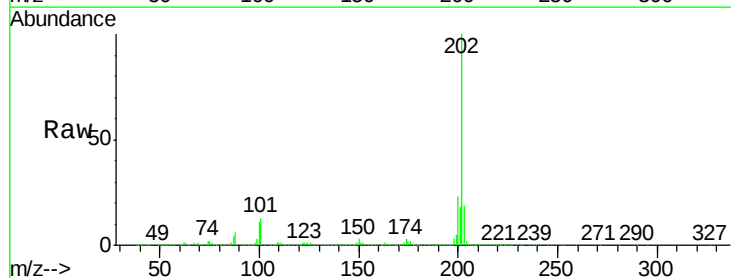


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

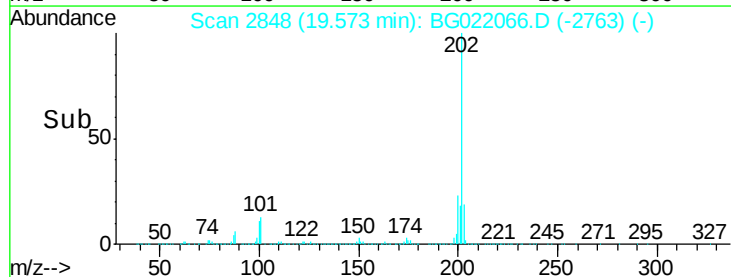
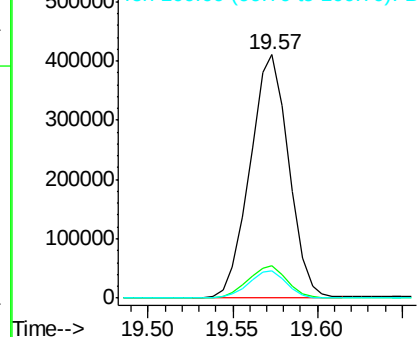


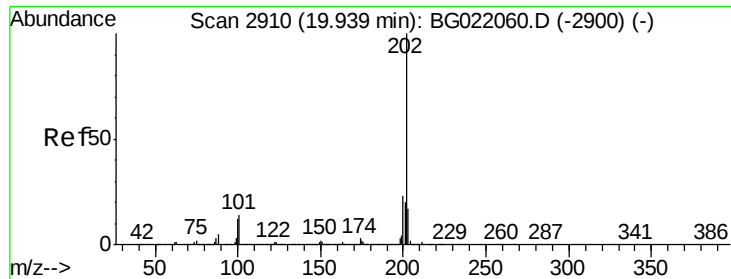
#28
 Fluoranthene
 Concen: 54.14 ng/ul
 RT: 19.57 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG022066.D
 Acq: 25 May 2016 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	8.9	13.3#
100	11.0	7.0	10.4#



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





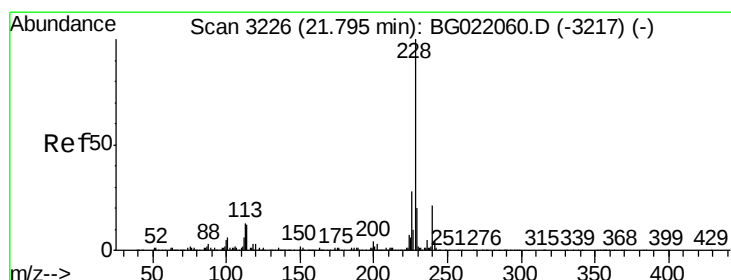
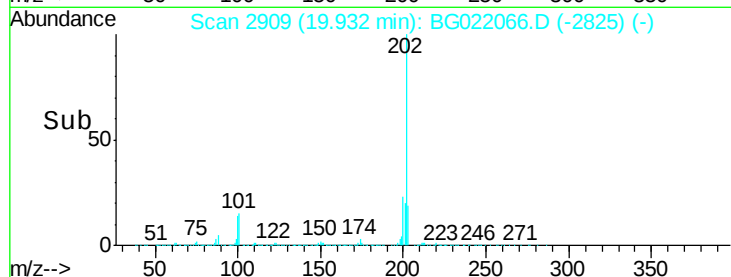
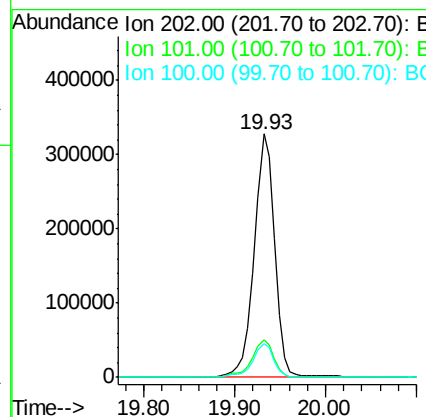
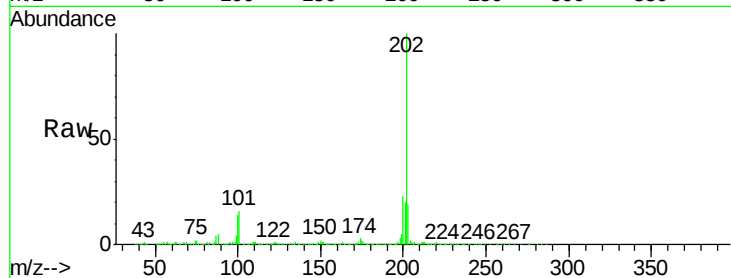
#31
Pvrene
Concen: 41.55 ng/ul m
RT: 19.93 min Scan# 2909
Delta R.T. -0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Instrument :
BNA_G
ClientSampleId :
D9XJ0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.6	9.8	14.8#
100	14.0	9.3	13.9#

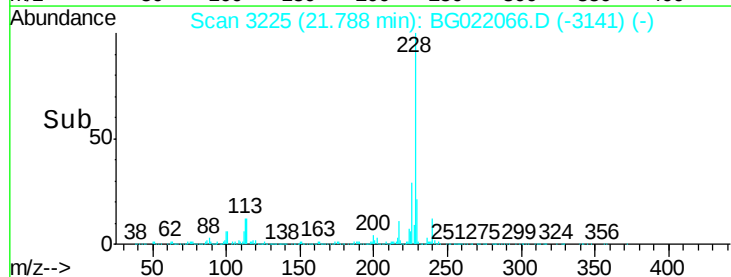
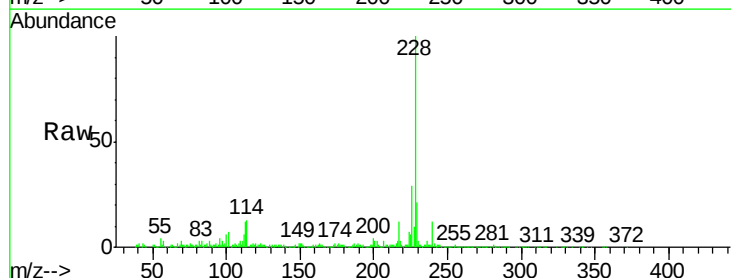
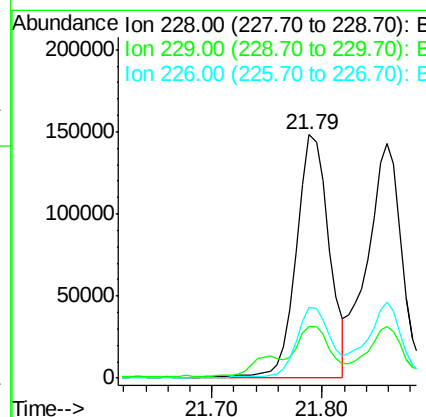
Manual Integrations
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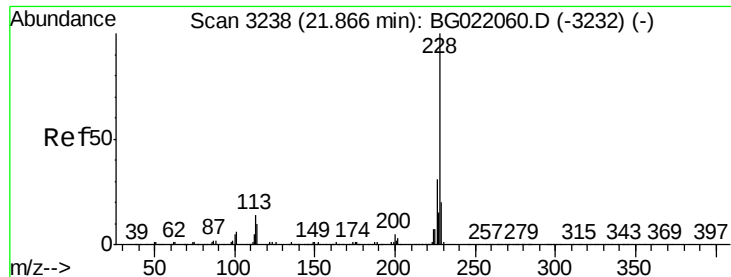
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#32
Benzo(a)anthracene
Concen: 29.96 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.6	25.0
226	29.3	21.0	31.4





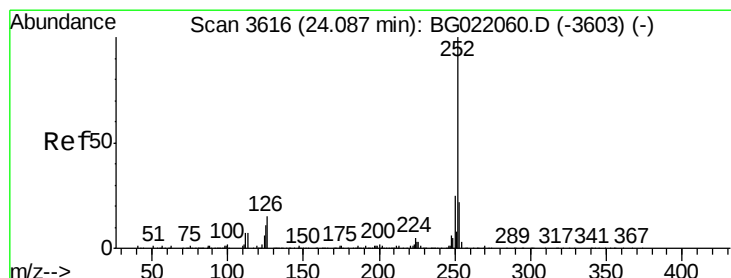
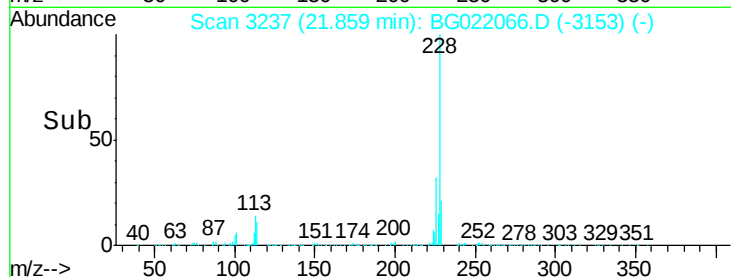
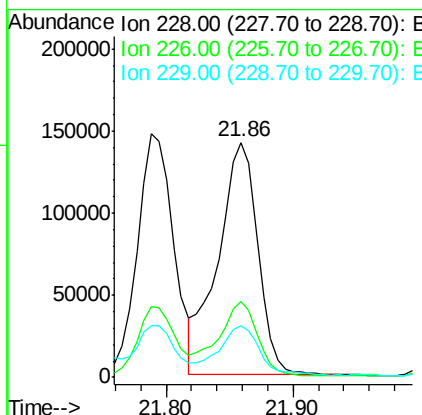
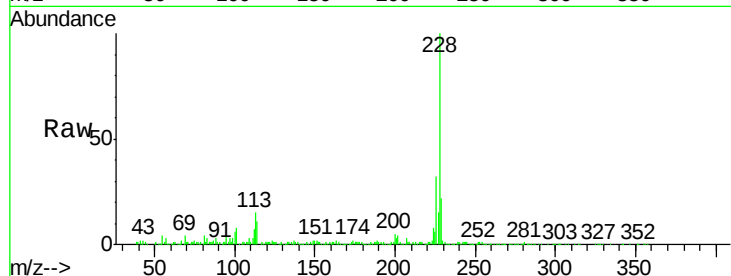
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Chrysene
Concen: 31.78 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Instrument :
BNA_G
ClientSampleId :
D9XJ0

Tot Ion	Ratio	Resp	Lower	Upper
228	100	308333		
226	32.3		23.4	35.2
229	22.2		16.2	24.2

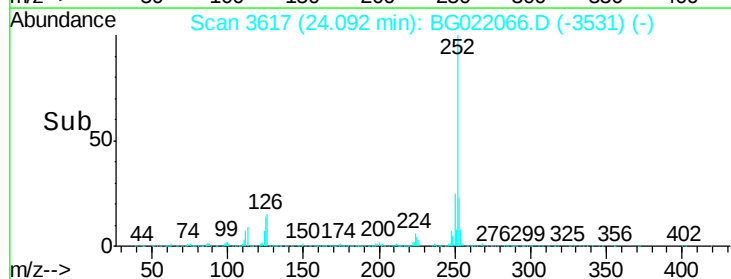
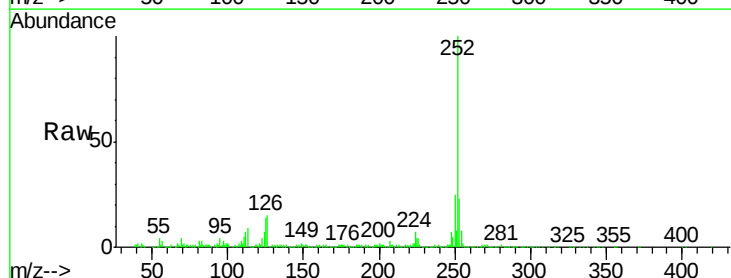
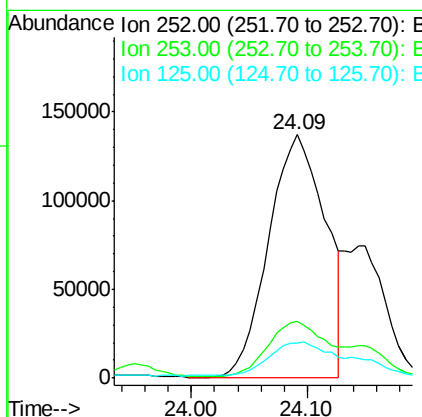
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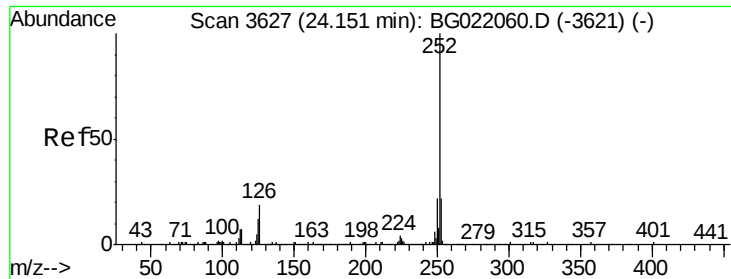
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#35
Benzo(b)fluoranthene
Concen: 46.89 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	465938		
253	23.3		18.1	27.1
125	14.5		7.6	11.4#





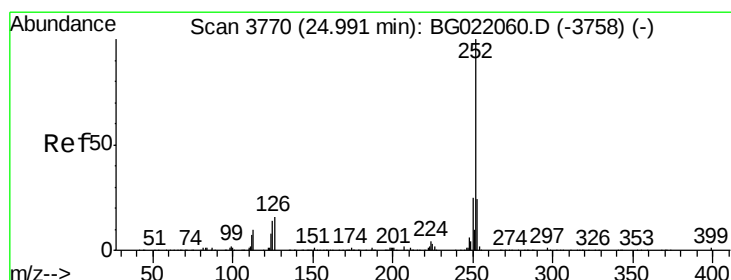
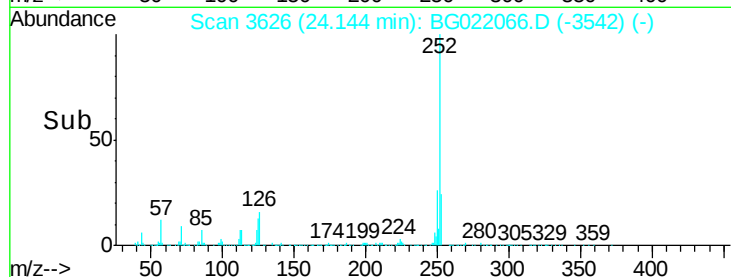
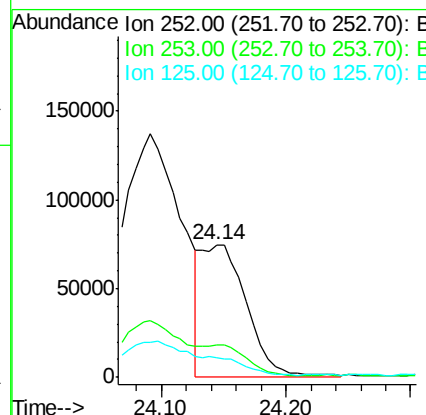
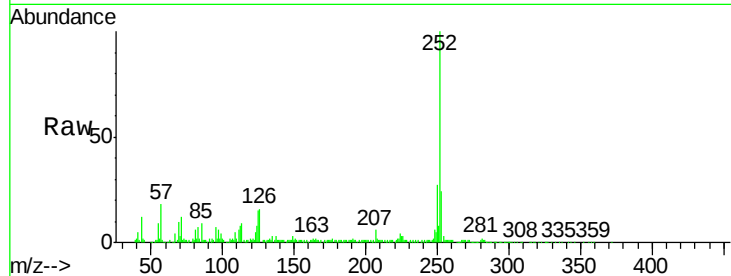
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Benzo(k)fluoranthene
Concen: 19.46 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. -0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Instrument :
BNA_G
ClientSampled :
D9XJ0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	190194		
253	24.2	17.8	26.8	
125	15.3	7.7	11.5#	

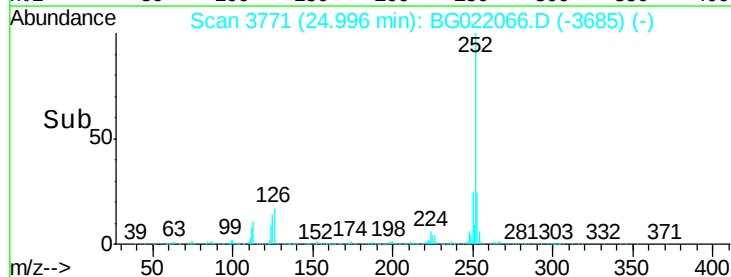
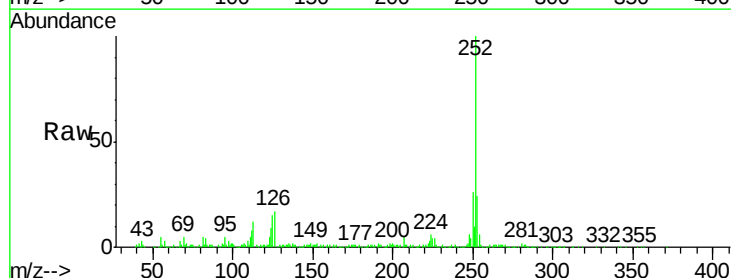
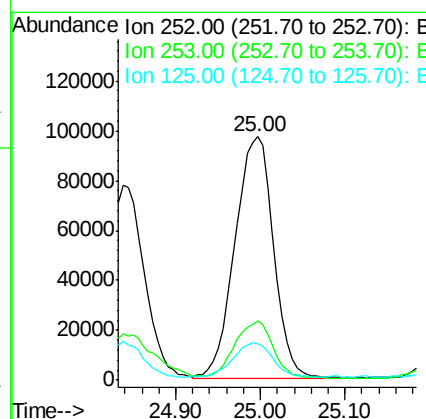
Manual Integrations
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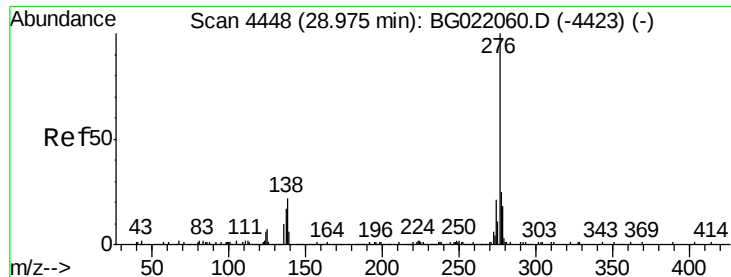
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#38
Benzo(a)pyrene
Concen: 32.36 ng/ul
RT: 25.00 min Scan# 3771
Delta R.T. 0.01 min
Lab File: BG022066.D
Acq: 25 May 2016 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	307494		
253	24.2	17.4	26.0	
125	14.7	8.2	12.2#	





#39

Indeno(1,2,3-cd)pyrene

Concen: 23.24 ng/ul

RT: 28.97 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BG022066.D

Acq: 25 May 2016 20:02

Instrument :

BNA_G

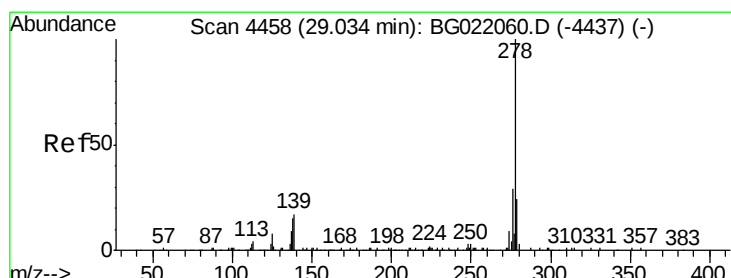
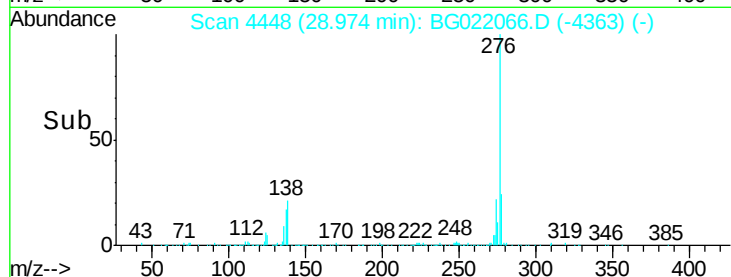
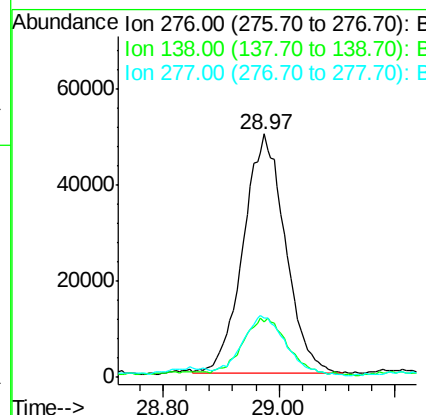
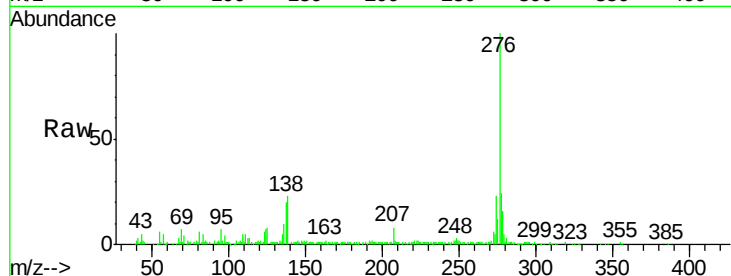
ClientSampleId :

D9XJ0

Tot Ion:	276	Resp:	251022
Ion Ratio	Lower	Upper	
276	100		
138	23.0	15.8	23.6
277	24.5	19.0	28.6

Manual Integrations
APPROVED

sohil
5/26/2016 6:42:39 PM



#40

Dibenzo(a,h)anthracene

Concen: 6.88 ng/ul m

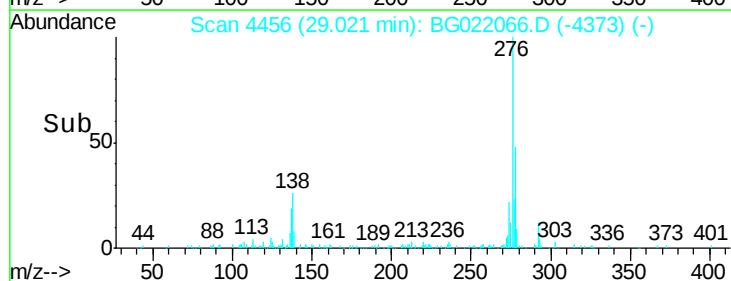
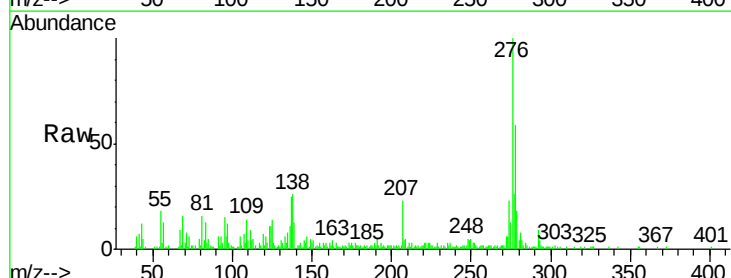
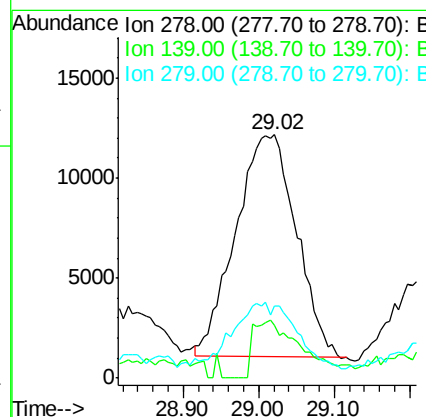
RT: 29.02 min Scan# 4456

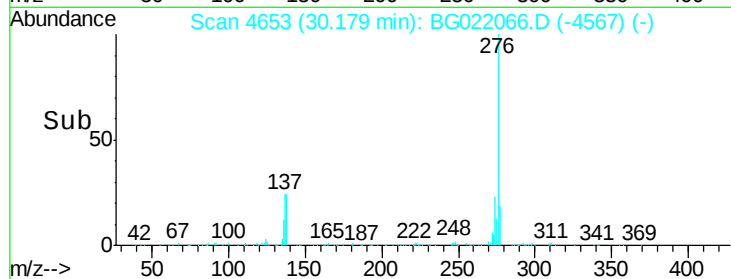
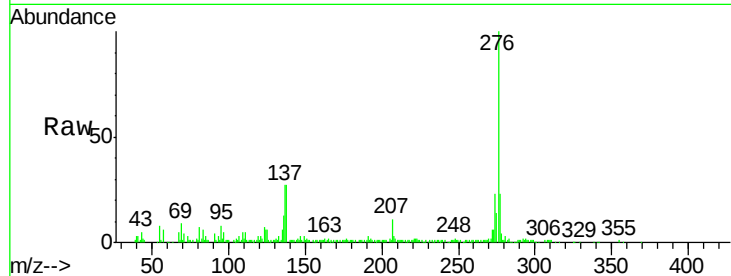
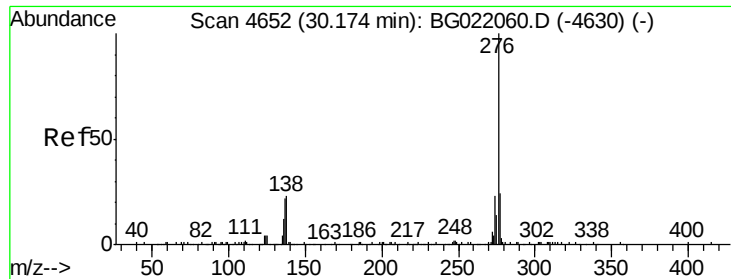
Delta R.T. -0.01 min

Lab File: BG022066.D

Acq: 25 May 2016 20:02

Tgt Ion:	278	Resp:	61563
Ion Ratio	Lower	Upper	
278	100		
139	21.9	12.1	18.1#
279	29.6	19.8	29.8





#41

Benzo(a,h,i)perylene

Concen: 25.29 ng/ul

RT: 30.18 min Scan# 4653

Delta R.T. 0.01 min

Lab File: BG022066.D

Acq: 25 May 2016 20:02

Tot Ion:	276	Resp:	231087
Ion Ratio	Lower	Upper	
276	100		
138	26.8	13.9	20.9#
277	23.0	19.8	29.6

Instrument :

BNA_G

ClientSampleId :

D9XJ0

Manual Integrations
APPROVED

sohil
5/26/2016 6:42:39 PM

