

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027540.D
 Acq On : 19 Jun 2017 22:17
 Operator : SJ/MA
 Sample : I3599-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5D37

Manual Integrations
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mohammad
 6/20/2017 11:50:57 AM

Quant Time: Jun 20 02:09:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	36529	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	187778	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	124488	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	287382	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	331488	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	320368	20.00	ng/ul	0.00

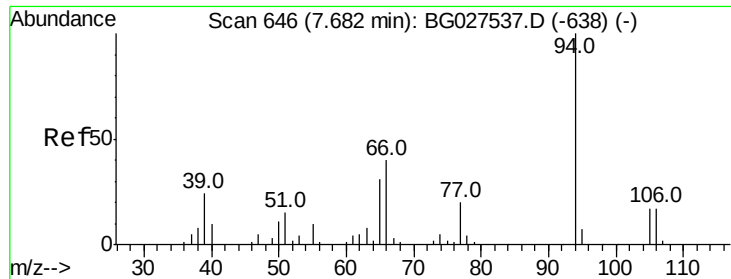
System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	1604	1.76	ng/uL	0.00
5) Phenol-d5	7.65	99	48322	12.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	35352	13.09	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	32822	12.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	42063	13.58	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	17382	12.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	17390	12.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	35391	12.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	51952	14.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	138518	13.29	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	160340	13.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	3247	1.59	ng/ul	0.00
57) Fluorene-d10	16.09	176	125733	12.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	2689	1.51	ng/ul	0.00
70) Anthracene-d10	17.95	188	196685	14.68	ng/ul	0.00
76) Pyrene-d10	20.22	212	233866	14.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.64	264	218430	15.14	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.68	94	4311	1.04	ng/ul	88
28) Naphthalene	11.39	128	21113	2.19	ng/ul#	93
44) Dimethylphthalate	14.53	163	40215	3.89	ng/ul	97
47) Acenaphthylene	14.83	152	12424	1.03	ng/ul	97
69) Phenanthrene	17.90	178	60590	3.92	ng/ul	98
71) Anthracene	17.99	178	36053	2.30	ng/ul	99
72) Carbazole	18.25	167	16754	1.24	ng/ul#	94
74) Fluoranthene	19.89	202	546234	31.44	ng/ul#	88
77) Pyrene	20.25	202	681702	34.79	ng/ul#	86
80) Benzo(a)anthracene	22.21	228	400709	21.71	ng/ul	98
82) Chrysene	22.28	228	507929	30.47	ng/ul	97
85) Benzo(b)fluoranthene	24.73	252	1015762	53.24	ng/ul#	95
86) Benzo(k)fluoranthene	24.79	252	358828m	19.57	ng/ul	
88) Benzo(a)pyrene	25.72	252	455878	24.88	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.09	276	311305	14.89	ng/ul#	94
90) Dibenzo(a,h)anthracene	30.14	278	90281	5.03	ng/ul#	93
91) Benzo(g,h,i)perylene	31.40	276	185140	10.81	ng/ul#	89

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



#6

Phenol

Concen: 1.04 ng/ul

RT: 7.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Instrument :

BNA_G

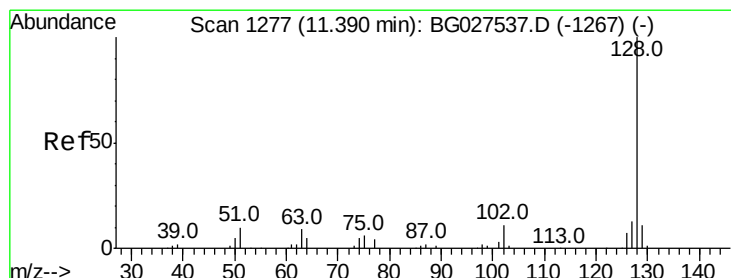
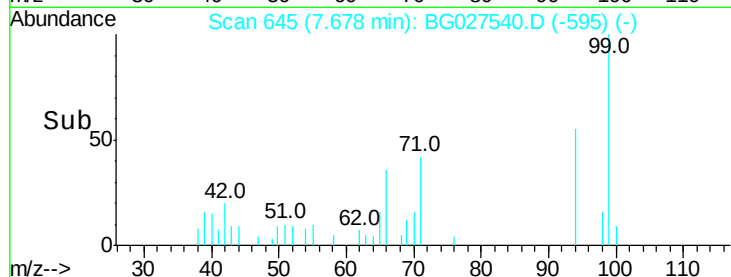
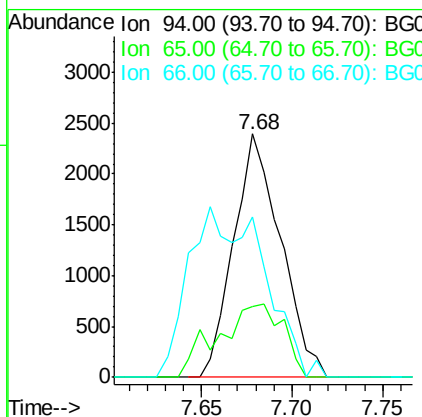
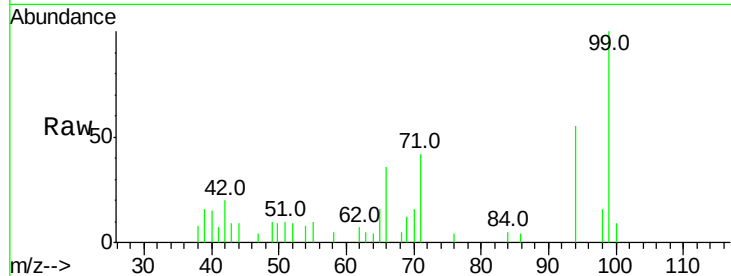
ClientSampleId :

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Tot Ion:	94	Resp:	4311
Ion Ratio	Lower	Upper	
94	100		
65	29.2	26.8	40.2
66	65.6	44.4	66.6

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#28

Naphthalene

Concen: 2.19 ng/ul

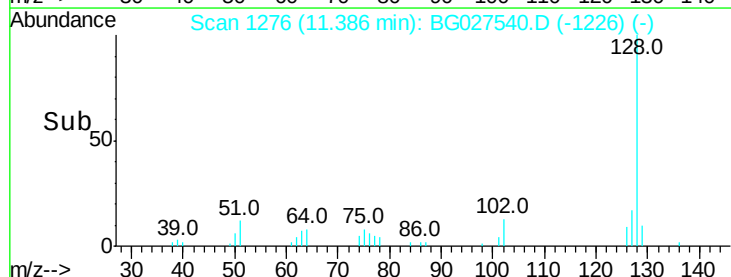
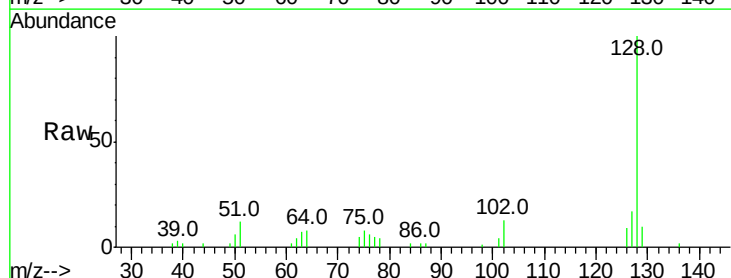
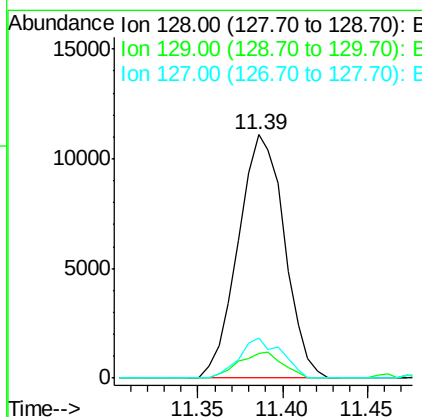
RT: 11.39 min Scan# 1276

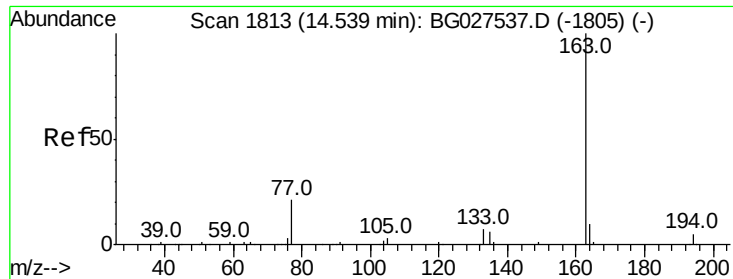
Delta R.T. -0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Tgt Ion:	128	Resp:	21113
Ion Ratio	Lower	Upper	
128	100		
129	10.1	9.4	14.2
127	16.7	10.3	15.5#





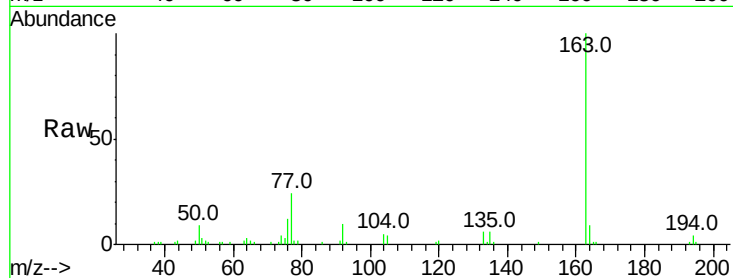
#44
Dimethylphthalate
Concen: 3.89 ng/ul
RT: 14.53 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG027540.D
Acq: 19 Jun 2017 22:17

Instrument :
BNA_G
ClientSampleId :
F5D37

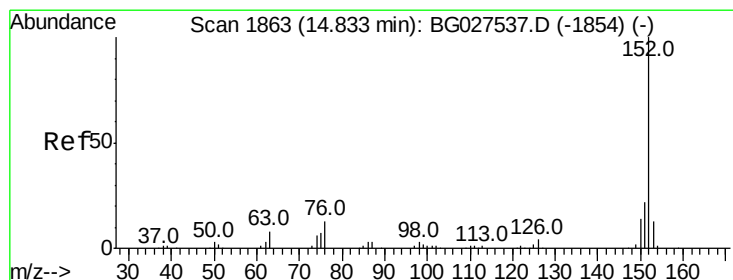
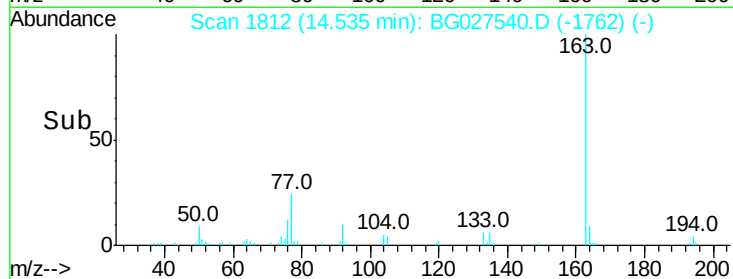
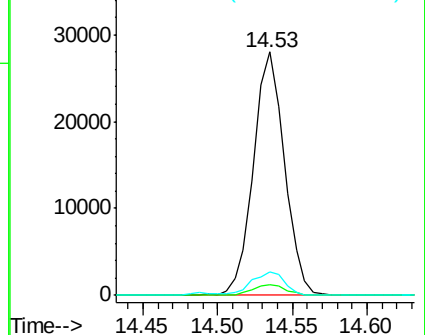
Tot Ion:	163	Resp:	40215
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	9.5	9.0	13.4

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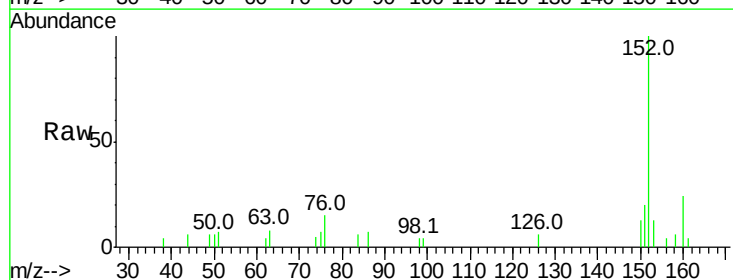


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

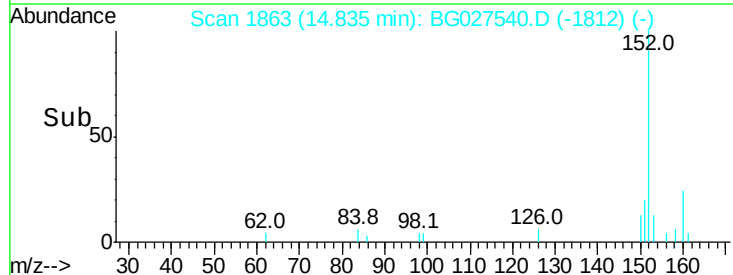
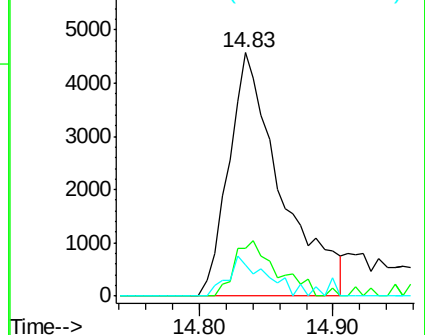


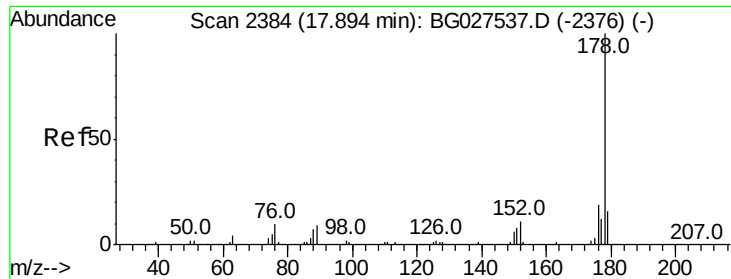
#47
Acenaphthylene
Concen: 1.03 ng/ul
RT: 14.83 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BG027540.D
Acq: 19 Jun 2017 22:17

Tgt Ion:	152	Resp:	12424
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.7	25.1
153	12.9	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





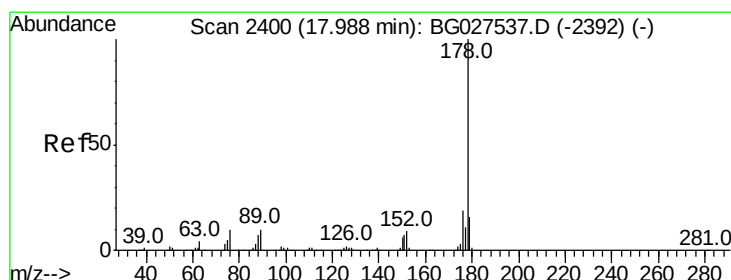
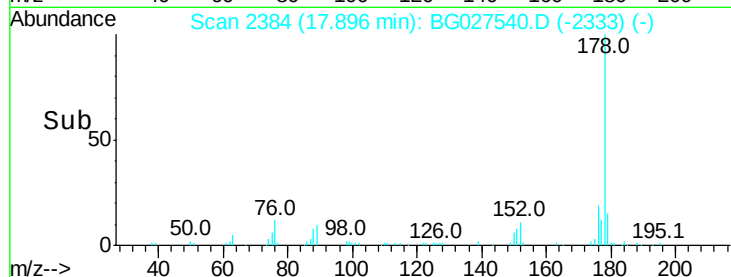
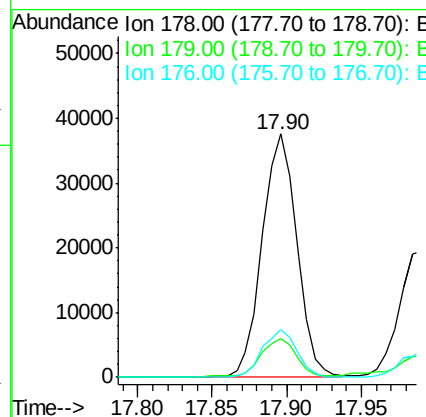
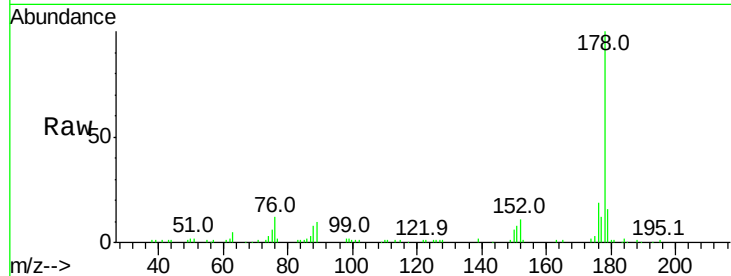
#69
 Phenanthrene
 Concen: 3.92 ng/ul
 RT: 17.90 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BG027540.D
 Acq: 19 Jun 2017 22:17

Instrument :
 BNA_G
 ClientSampleId :
 F5D37

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.4	16.5	24.7

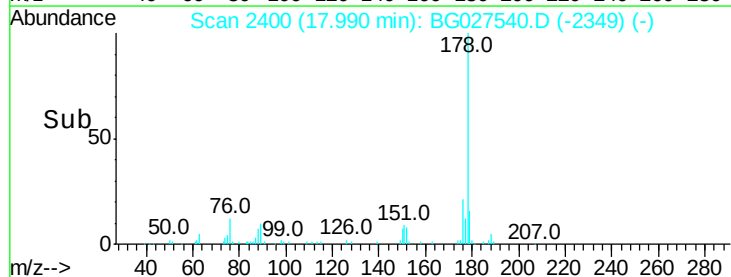
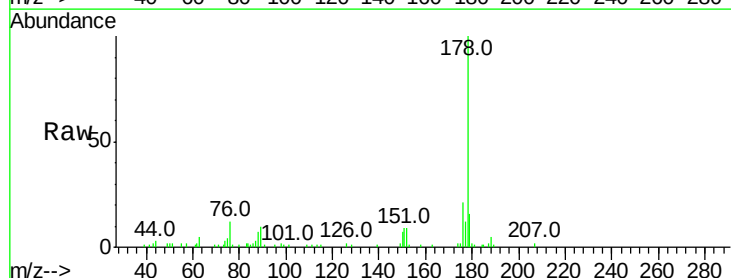
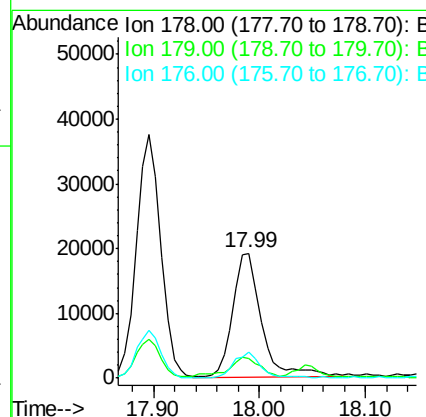
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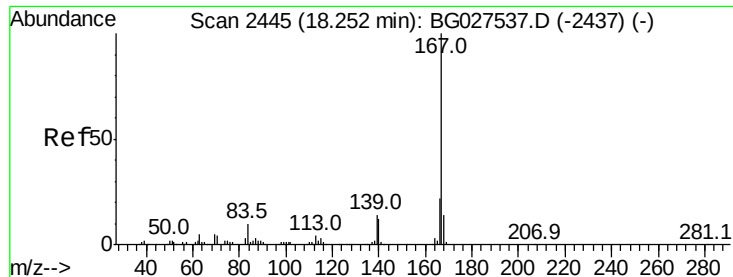
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#71
 Anthracene
 Concen: 2.30 ng/ul
 RT: 17.99 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BG027540.D
 Acq: 19 Jun 2017 22:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	20.8	15.9	23.9





#72

Carbazole

Concen: 1.24 ng/ul

RT: 18.25 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Instrument :

BNA_G

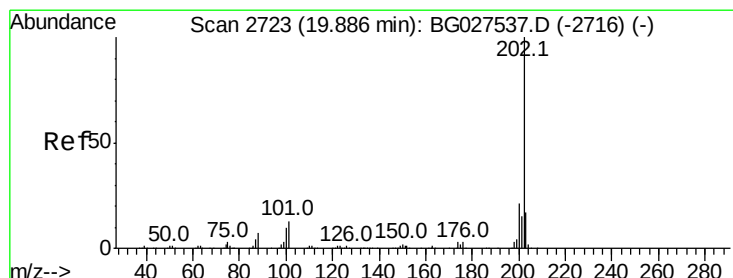
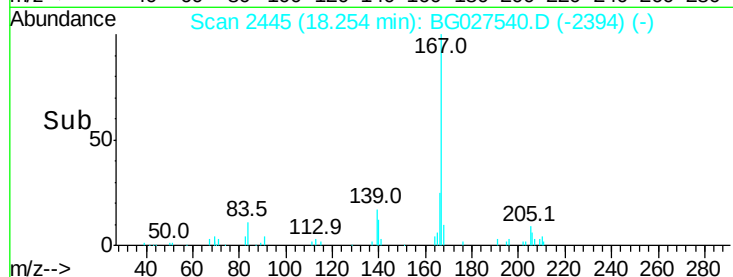
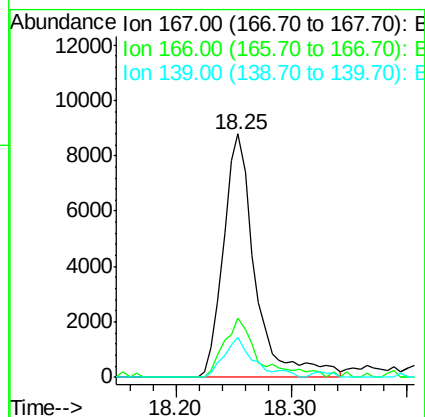
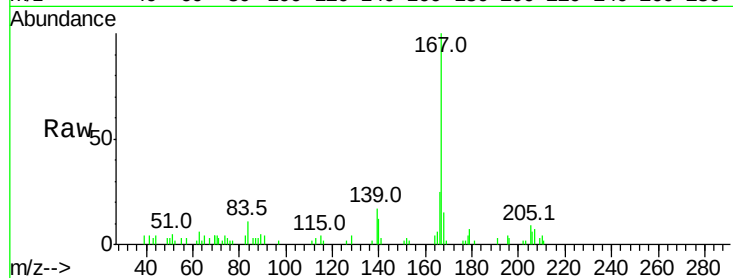
ClientSampleId :

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Tot Ion:	167	Resp:	16754
Ion Ratio	Lower	Upper	
167	100		
166	24.5	17.9	26.9
139	16.7	10.5	15.7#

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#74

Fluoranthene

Concen: 31.44 ng/ul

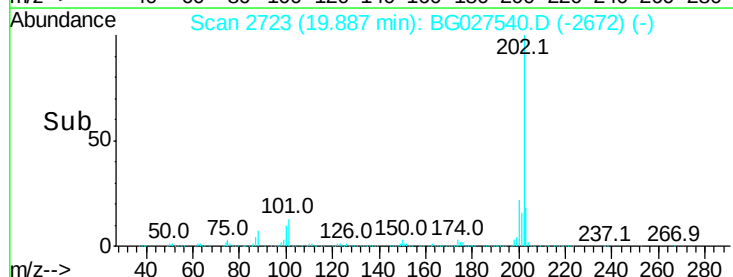
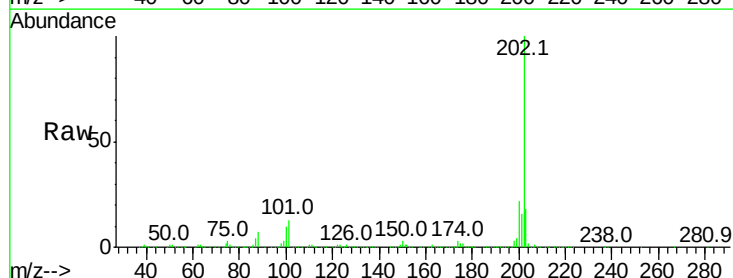
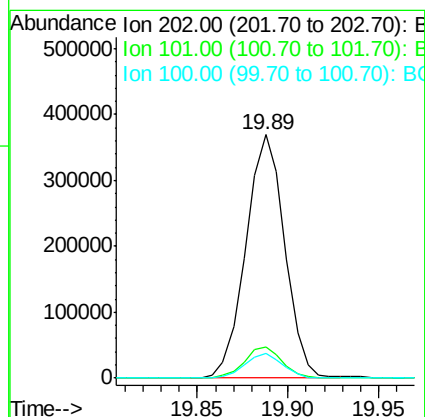
RT: 19.89 min Scan# 2723

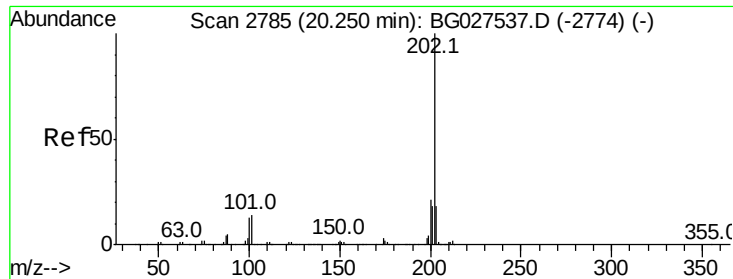
Delta R.T. 0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Tgt Ion:	202	Resp:	546234
Ion Ratio	Lower	Upper	
202	100		
101	12.6	6.2	9.2#
100	10.1	5.2	7.8#





#77

Pvrene

Concen: 34.79 ng/ul

RT: 20.25 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Instrument :

BNA_G

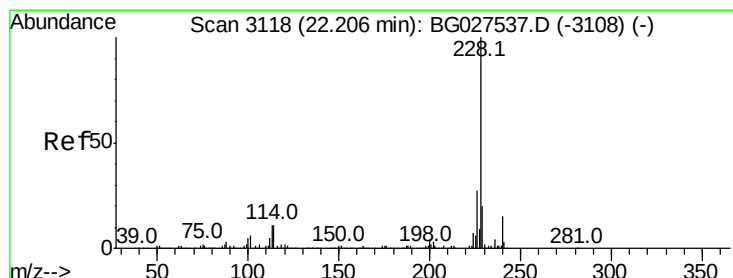
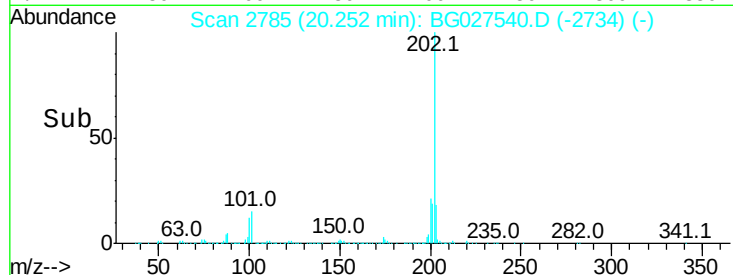
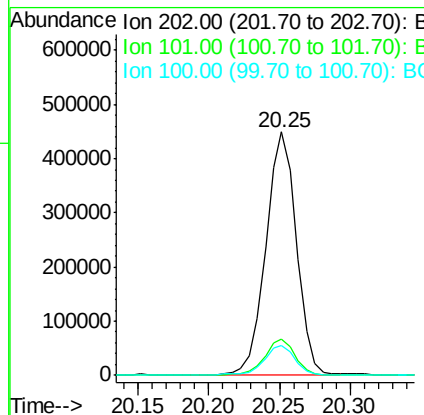
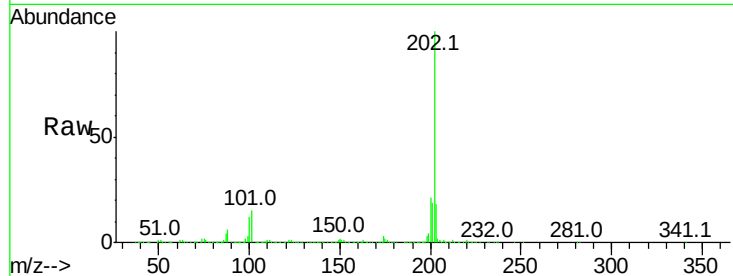
ClientSampleId :

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Tot Ion:	202	Resp:	681702
Ion Ratio	Lower	Upper	
202	100		
101	14.6	6.9	10.3#
100	12.3	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 21.71 ng/ul

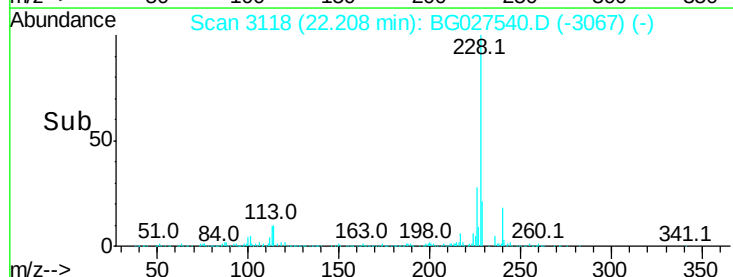
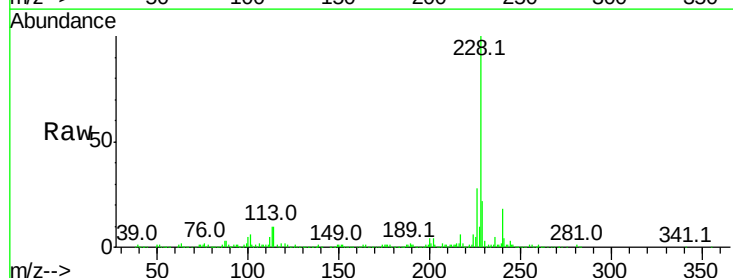
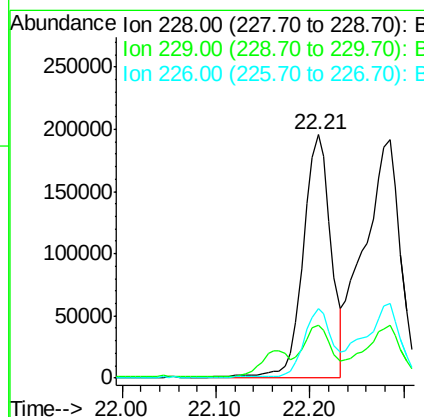
RT: 22.21 min Scan# 3118

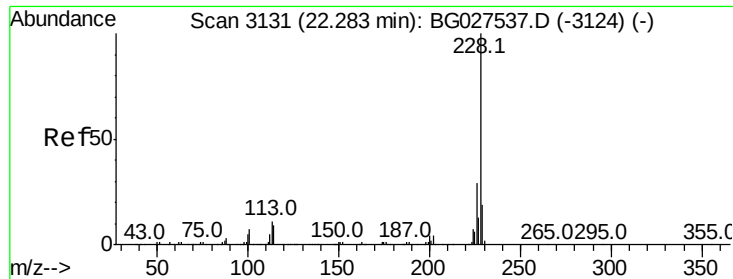
Delta R.T. 0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Tgt Ion:	228	Resp:	400709
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.3	24.5
226	28.4	21.9	32.9





#82

Chrysene

Concen: 30.47 ng/ul

RT: 22.28 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Instrument :

BNA_G

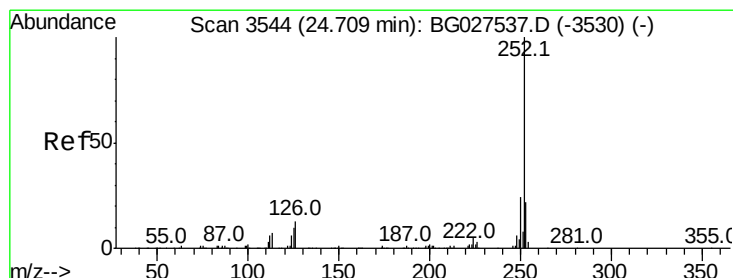
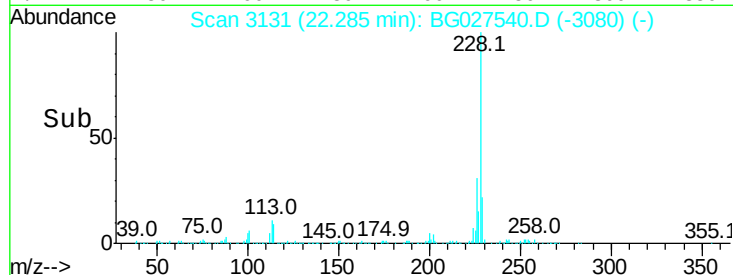
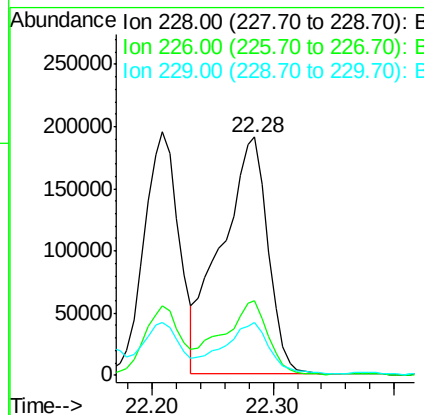
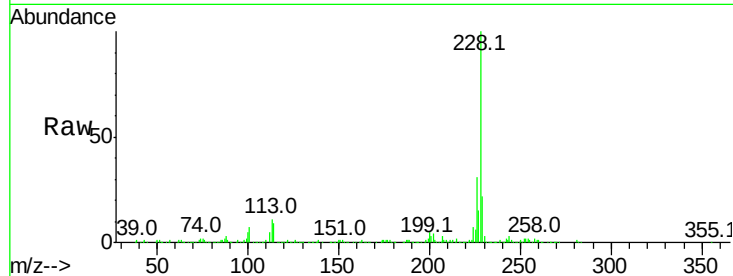
ClientSampleId :

F5D37

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	22.3	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 53.24 ng/ul

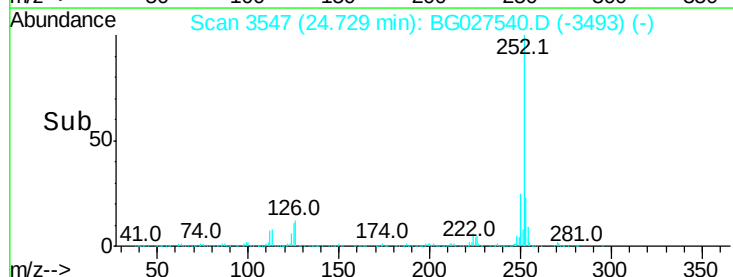
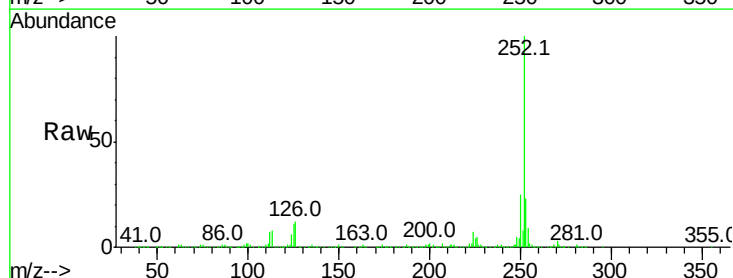
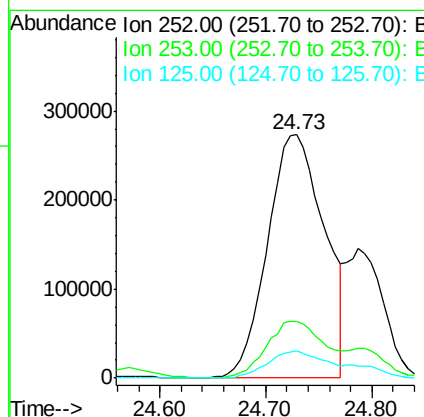
RT: 24.73 min Scan# 3547

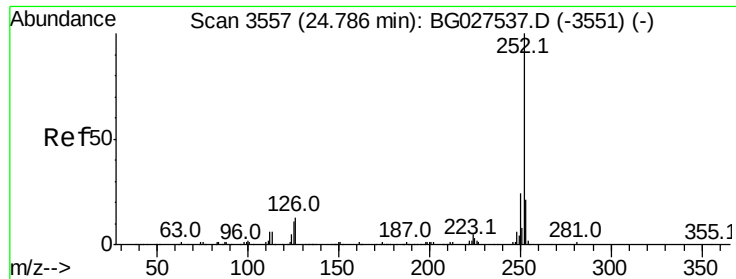
Delta R.T. 0.02 min

Lab File: BG027540.D

Acq: 19 Jun 2017 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.0	4.0	6.0





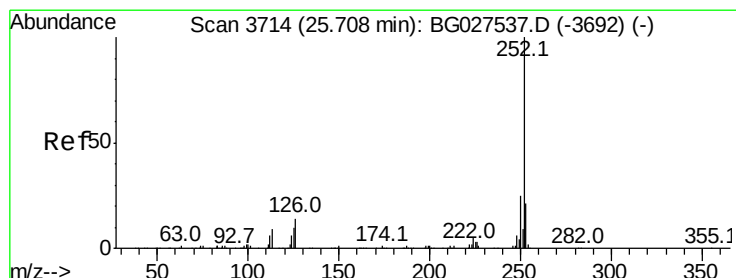
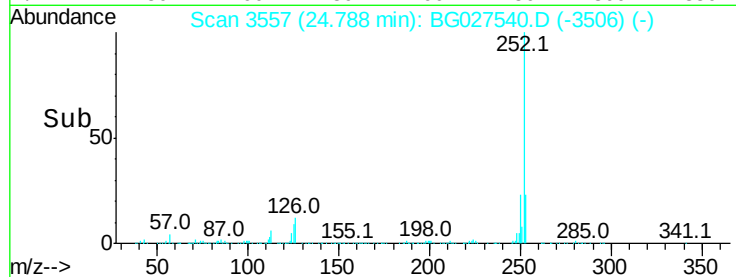
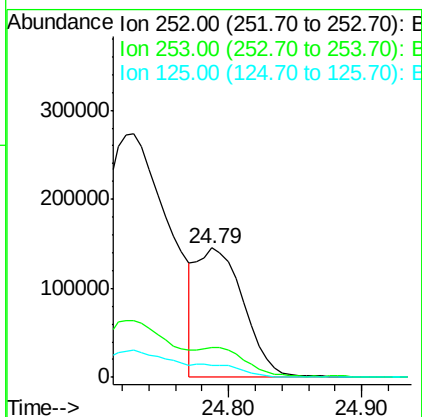
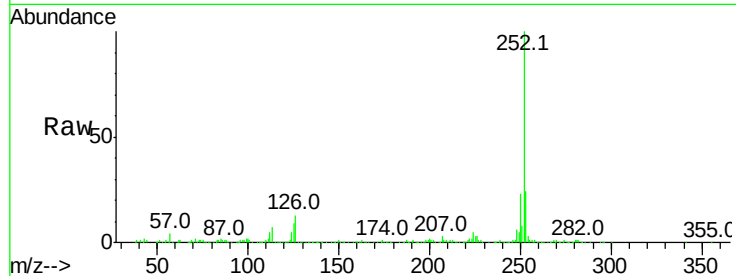
#86
Benzo(k)fluoranthene
Concen: 19.57 ng/ul m
RT: 24.79 min Scan# 3557
Delta R.T. 0.00 min
Lab File: BG027540.D
Acq: 19 Jun 2017 22:17

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
252	100	358828		
253	23.6	18.5	27.7	
125	9.3	4.1	6.1	

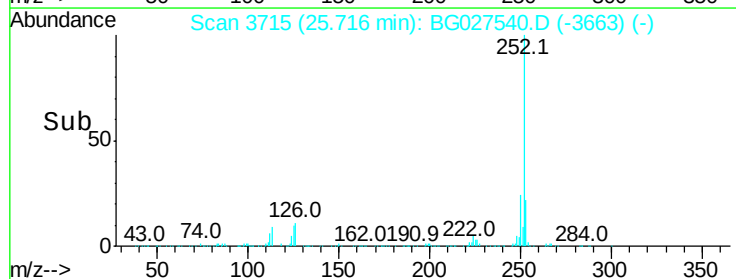
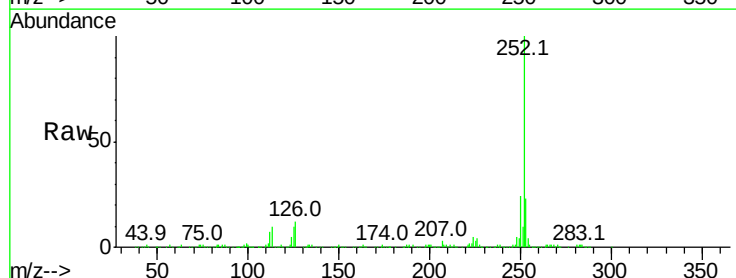
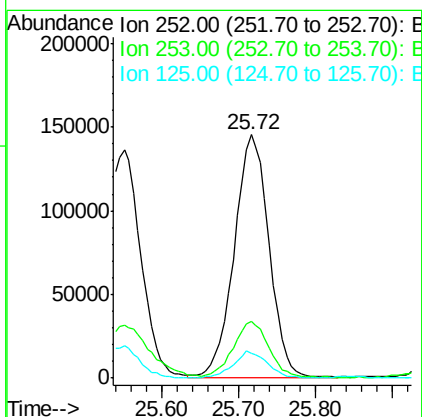
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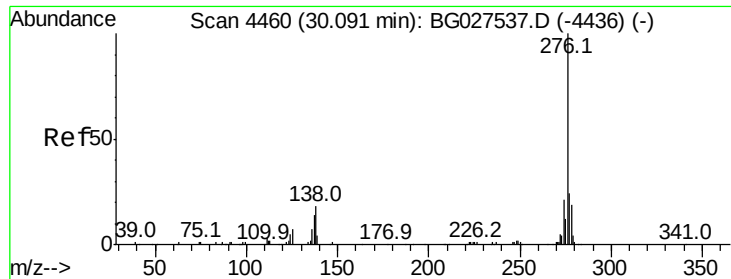
mohammad
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#88
Benzo(a)pyrene
Concen: 24.88 ng/ul
RT: 25.72 min Scan# 3715
Delta R.T. 0.01 min
Lab File: BG027540.D
Acq: 19 Jun 2017 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	455878		
253	23.3	17.8	26.6	
125	10.3	5.4	8.0	





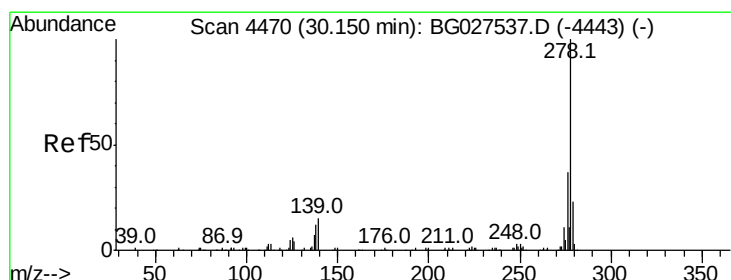
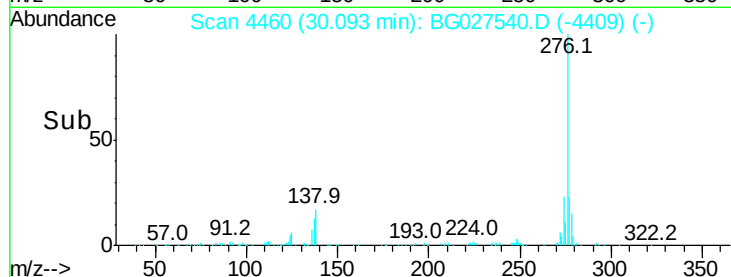
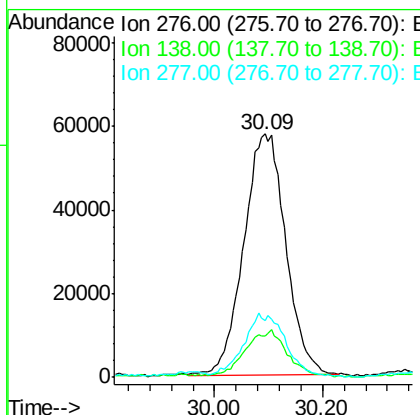
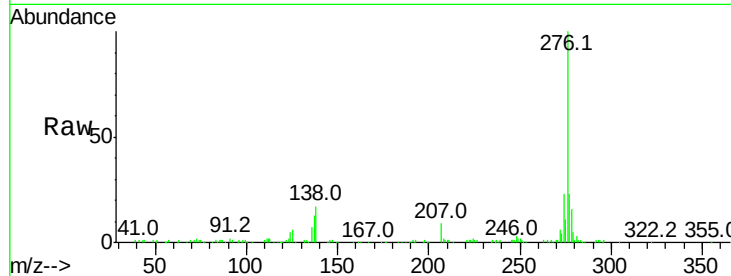
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 14.89 ng/ul
 RT: 30.09 min Scan# 4460
 Delta R.T. 0.00 min
 Lab File: BG027540.D
 Acq: 19 Jun 2017 22:17

Instrument :
 BNA_G
 ClientSampleId :
 F5D37

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.2	12.4#
277	23.4	18.6	28.0

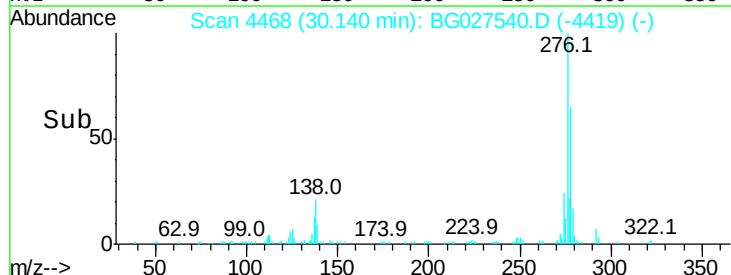
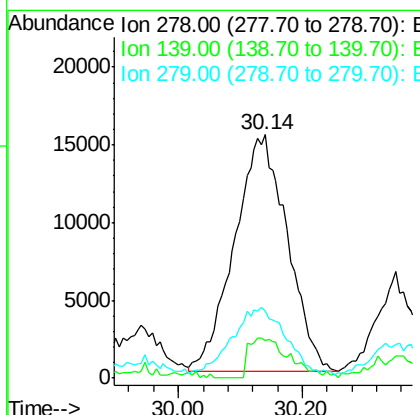
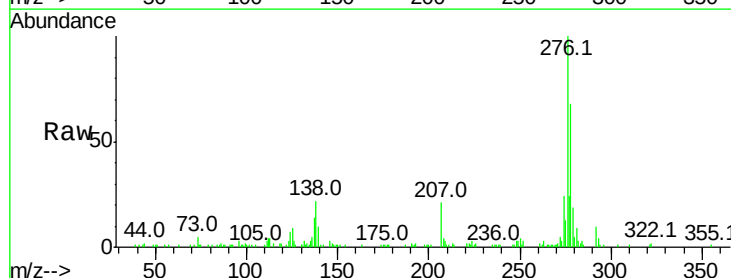
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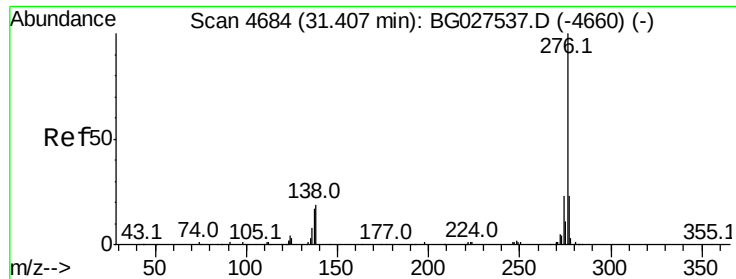
mohammad
 6/20/2017 11:50:57 AM



#90
 Dibenzo(a,h)anthracene
 Concen: 5.03 ng/ul
 RT: 30.14 min Scan# 4468
 Delta R.T. -0.01 min
 Lab File: BG027540.D
 Acq: 19 Jun 2017 22:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	6.7	10.1#
279	27.5	20.9	31.3





#91
 Benzo(a,h,i)perylene
 Concen: 10.81 ng/ul
 RT: 31.40 min Scan# 4683
 Delta R.T. -0.00 min
 Lab File: BG027540.D
 Acq: 19 Jun 2017 22:17

Instrument :
 BNA_G
 ClientSampleId :
 F5D37

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	8.6	12.8#
277	24.5	17.6	26.4

Manual Integrations
 APPROVED

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