

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027548.D
 Acq On : 20 Jun 2017 3:35
 Operator : SJ/MA
 Sample : I3625-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A82

Manual Integrations
 APPROVED

mohammad
 6/20/2017 11:56:23 AM

Quant Time: Jun 20 07:07:31 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	38182	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	201422	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	134820	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	313536	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	346489	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	329234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	2012	2.11	ng/uL	0.00
5) Phenol-d5	7.65	99	52366	12.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	39762	14.09	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	39266	14.35	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	42787	13.22	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	20479	14.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	23344	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	42311	14.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	51672	13.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	164800	14.60	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	188904	14.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	17842	8.08	ng/ul	0.00
57) Fluorene-d10	16.09	176	149923	14.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	20544	10.55	ng/ul	0.00
70) Anthracene-d10	17.95	188	225080	15.40	ng/ul	0.00
76) Pyrene-d10	20.22	212	259705	15.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	230959	15.58	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.68	94	4464	1.03	ng/ul	95
44) Dimethylphthalate	14.54	163	75147	6.71	ng/ul	97
74) Fluoranthene	19.88	202	41709	2.20	ng/ul#	89
77) Pyrene	20.25	202	68140	3.33	ng/ul#	88
80) Benzo(a)anthracene	22.21	228	50353	2.61	ng/ul	96
82) Chrysene	22.28	228	67303	3.86	ng/ul	94
85) Benzo(b)fluoranthene	24.71	252	193876	9.89	ng/ul#	95
86) Benzo(k)fluoranthene	24.78	252	47454m	2.52	ng/ul	
88) Benzo(a)pyrene	25.71	252	85832	4.56	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.07	276	80661	3.75	ng/ul#	91
90) Dibenzo(a,h)anthracene	30.11	278	19249m	1.04	ng/ul	
91) Benzo(g,h,i)perylene	31.39	276	56044	3.18	ng/ul#	92

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

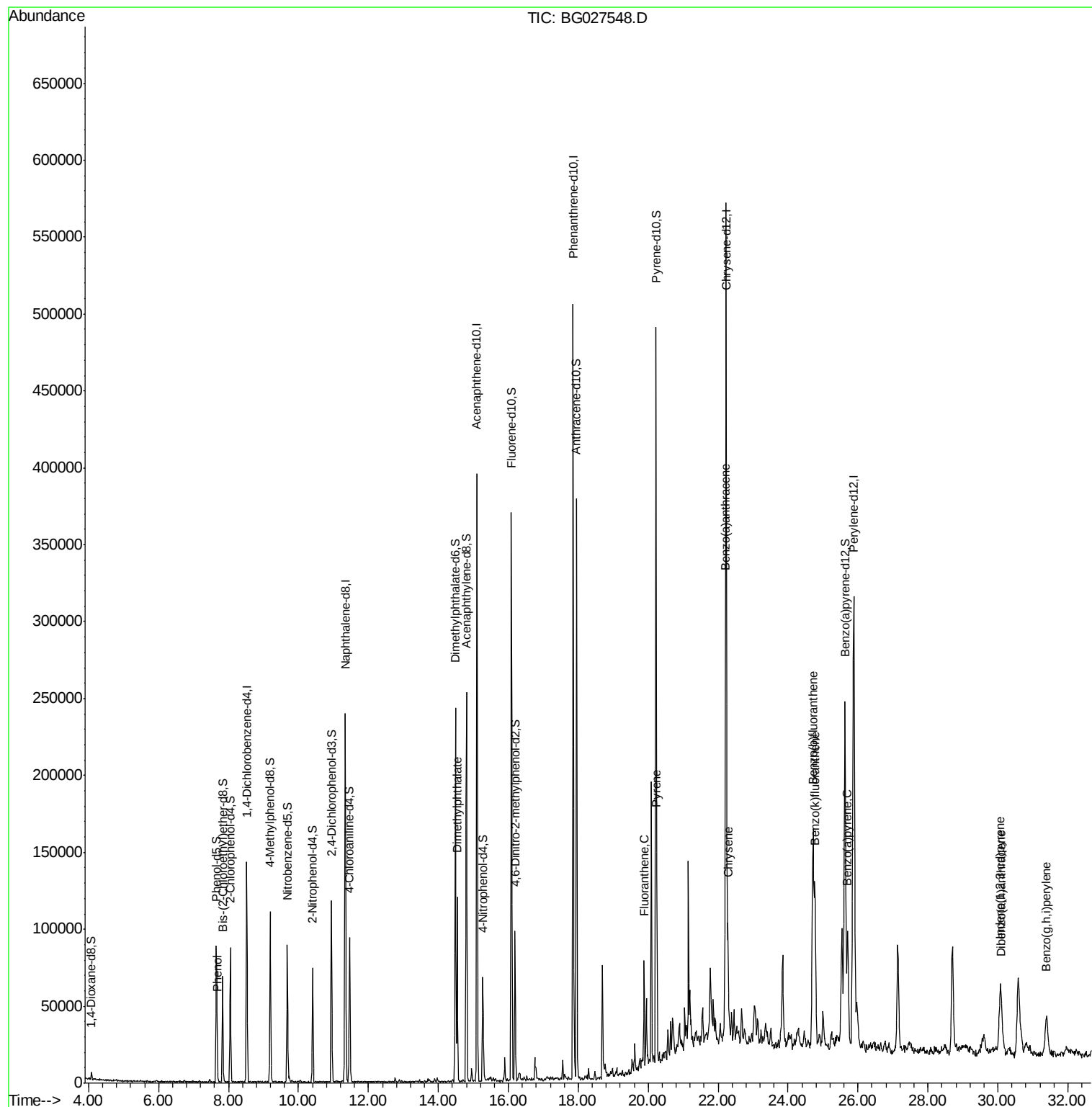
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027548.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3625-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

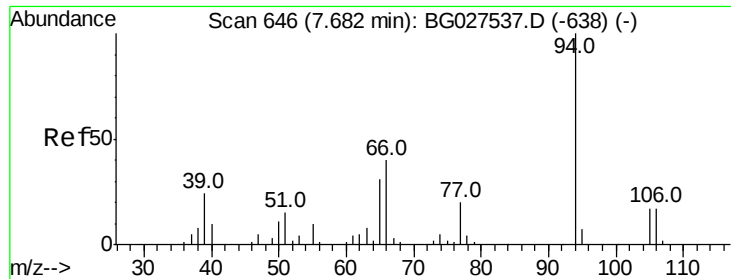
Instrument :
BNA_G
ClientSampled :
F5A82

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Quant Time: Jun 20 07:07:31 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





#6

Phenol

Concen: 1.03 ng/ul

RT: 7.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

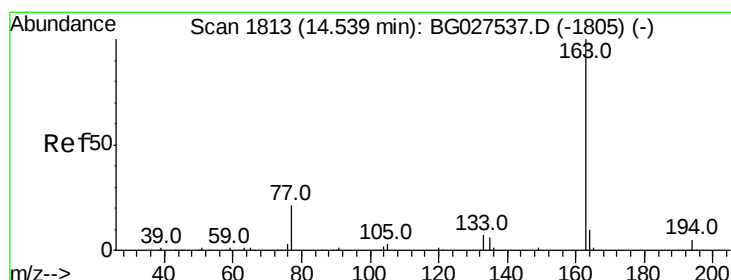
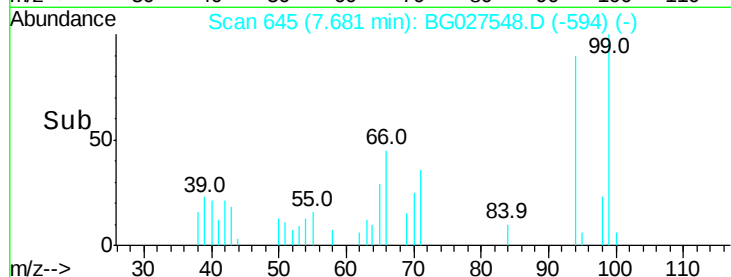
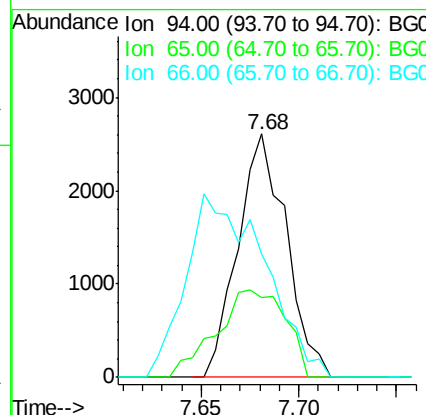
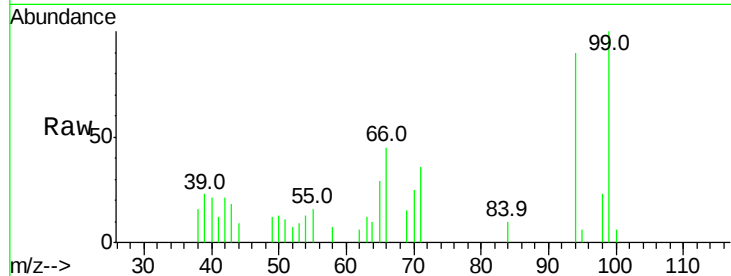
ClientSampleId :

F5A82

Tot Ion:	94	Resp:	4464
Ion Ratio	Lower	Upper	
94	100		
65	32.7	26.8	40.2
66	50.4	44.4	66.6

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#44

Dimethylphthalate

Concen: 6.71 ng/ul

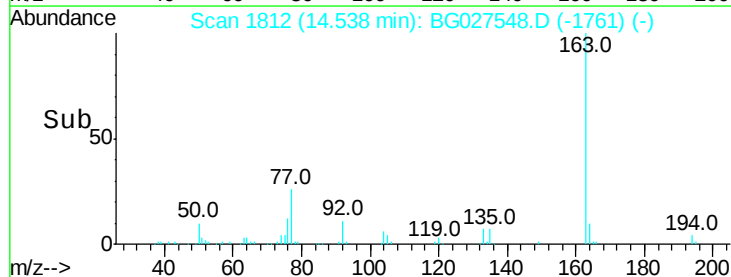
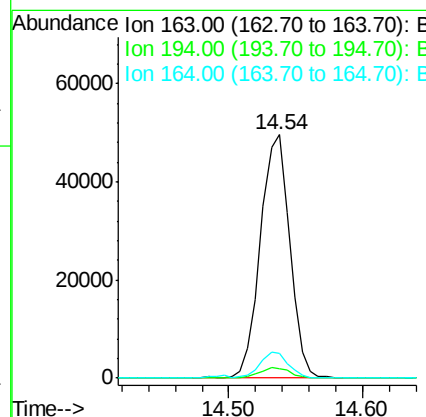
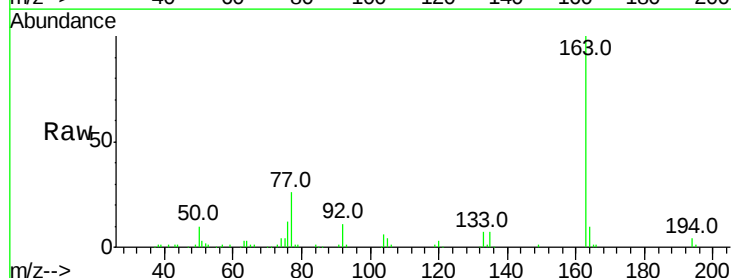
RT: 14.54 min Scan# 1812

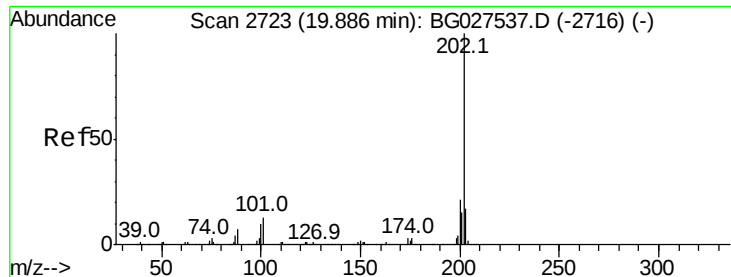
Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Tgt Ion:	163	Resp:	75147
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.4	5.0
164	10.0	9.0	13.4





#74

Fluoranthene

Concen: 2.20 ng/ul

RT: 19.88 min Scan# 2722

Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

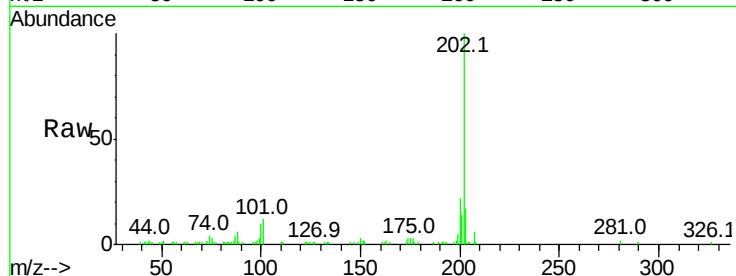
ClientSampleId :

F5A82

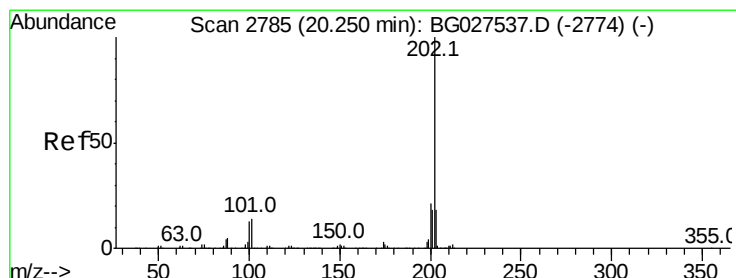
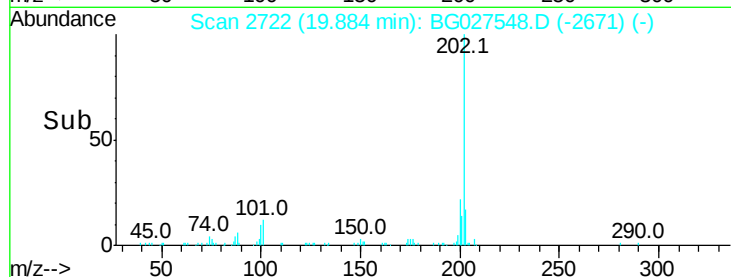
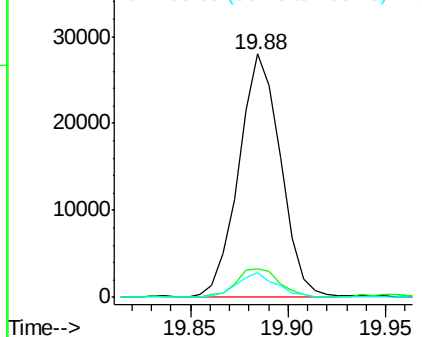
Tot Ion:	202	Resp:	41709
Ion Ratio	Lower	Upper	
202	100		
101	11.9	6.2	9.2#
100	10.0	5.2	7.8#

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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



#77

Pyrene

Concen: 3.33 ng/ul

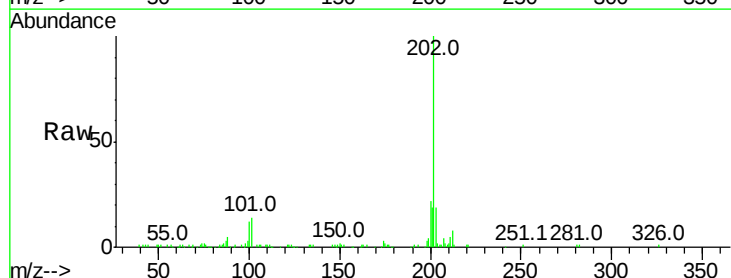
RT: 20.25 min Scan# 2784

Delta R.T. -0.00 min

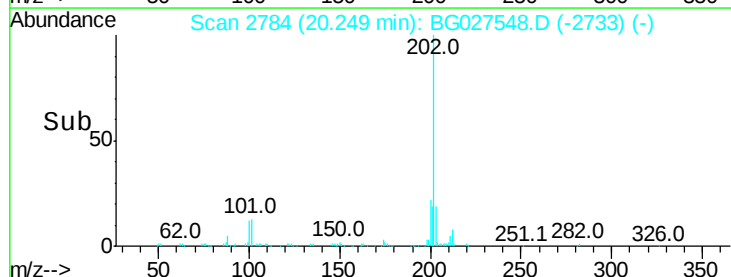
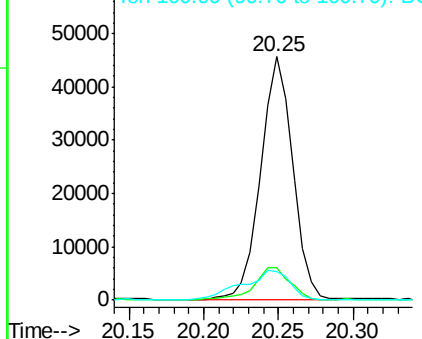
Lab File: BG027548.D

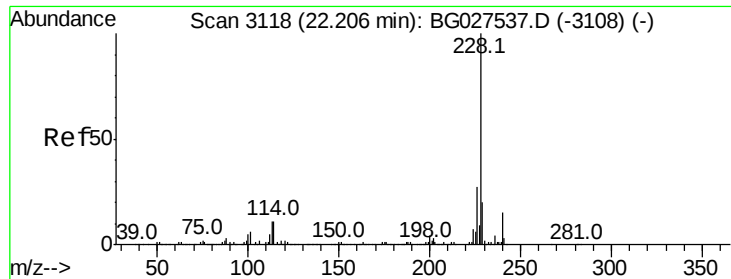
Acq: 20 Jun 2017 3:35

Tgt Ion:	202	Resp:	68140
Ion Ratio	Lower	Upper	
202	100		
101	13.6	6.9	10.3#
100	11.7	6.6	10.0#



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





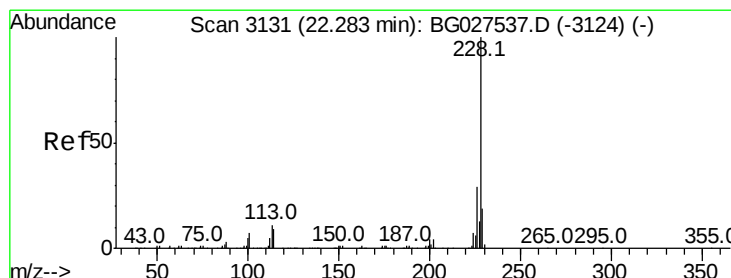
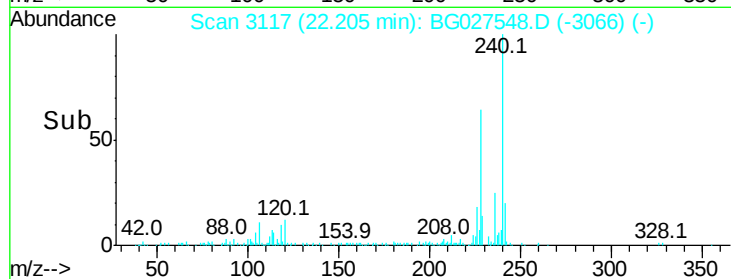
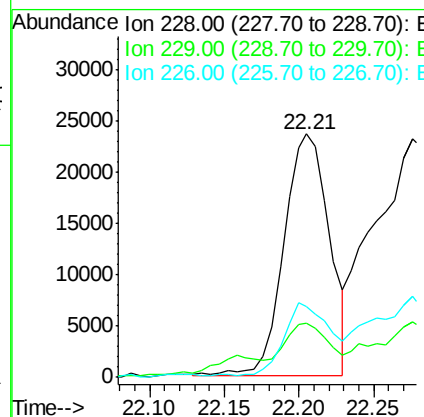
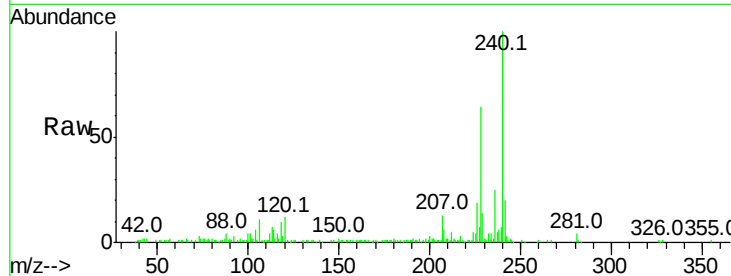
#80
Benzo(a)anthracene
Concen: 2.61 ng/ul
RT: 22.21 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG027548.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_G
ClientSampleId :
F5A82

Tot Ion:	228	Resp:	50353
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.3	24.5
226	29.3	21.9	32.9

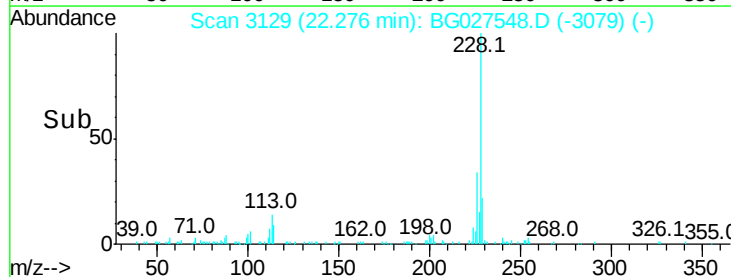
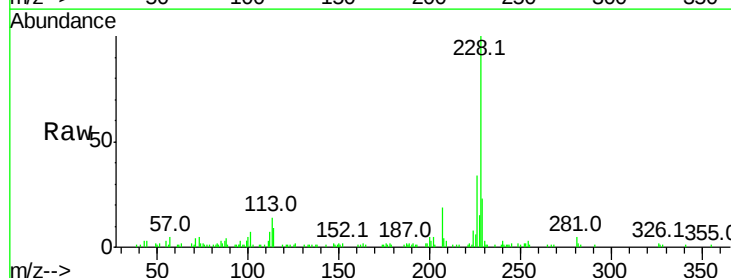
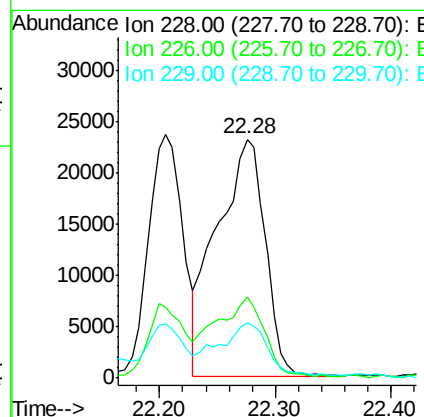
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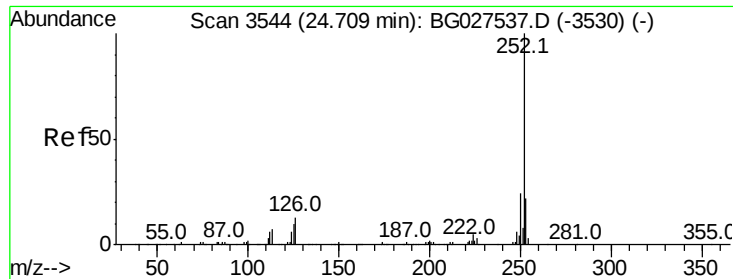
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#82
Chrysene
Concen: 3.86 ng/ul
RT: 22.28 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG027548.D
Acq: 20 Jun 2017 3:35

Tgt Ion:	228	Resp:	67303
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.0	36.0
229	23.2	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 9.89 ng/ul

RT: 24.71 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

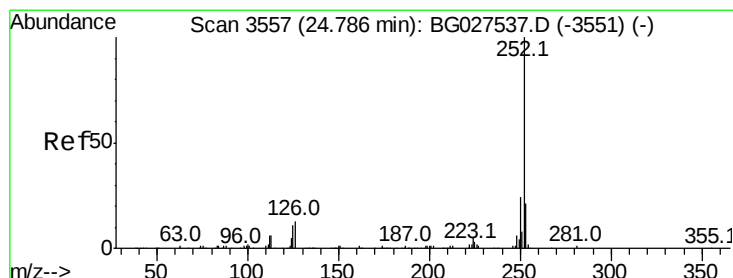
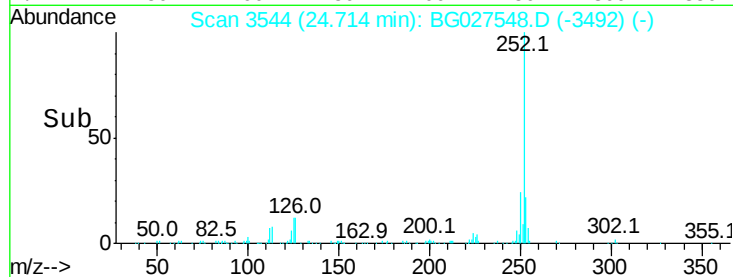
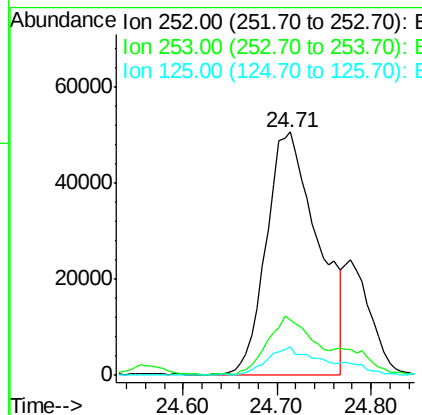
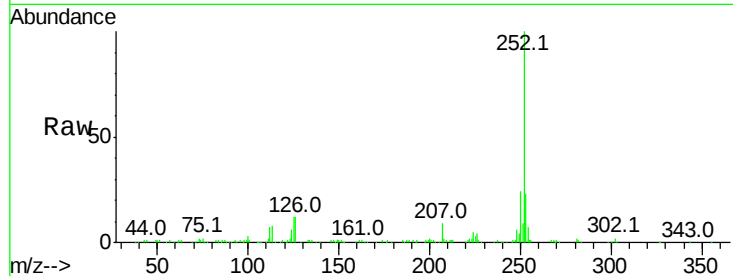
F5A82

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	11.9	4.0	6.0#

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#86

Benzo(k)fluoranthene

Concen: 2.52 ng/ul m

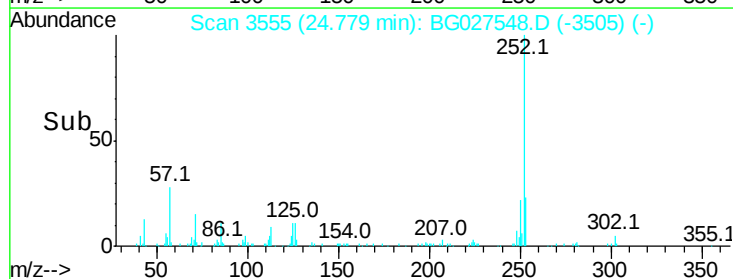
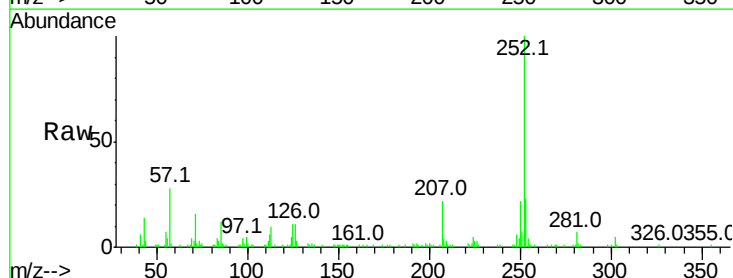
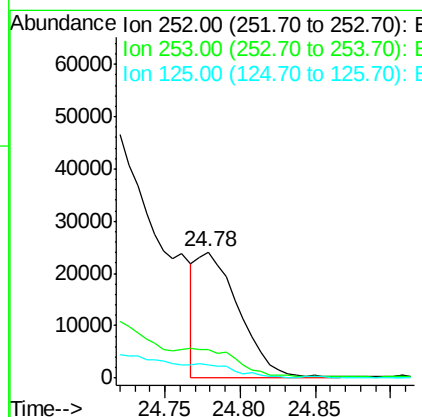
RT: 24.78 min Scan# 3555

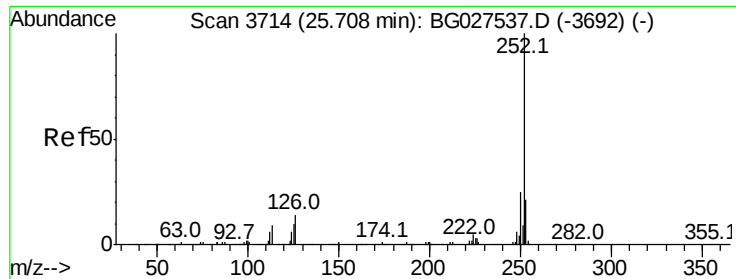
Delta R.T. -0.01 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	10.7	4.1	6.1#





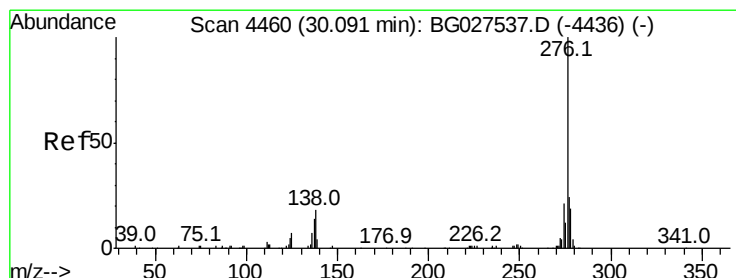
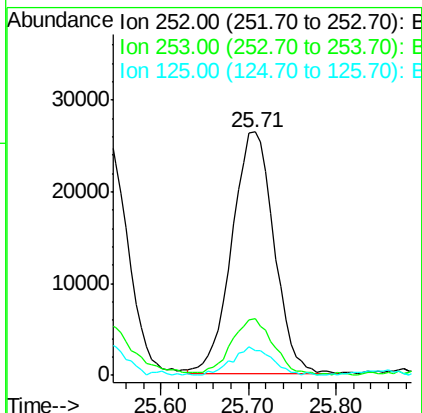
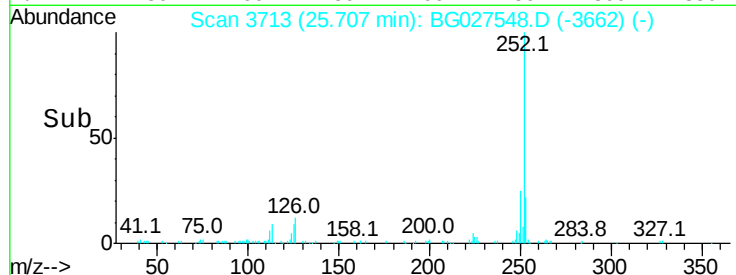
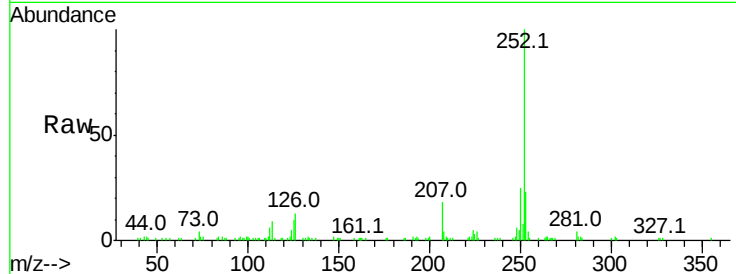
#88
Benzo(a)pyrene
Concen: 4.56 ng/ul
RT: 25.71 min Scan# 3713
Delta R.T. -0.00 min
Lab File: BG027548.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.0	5.4	8.0#

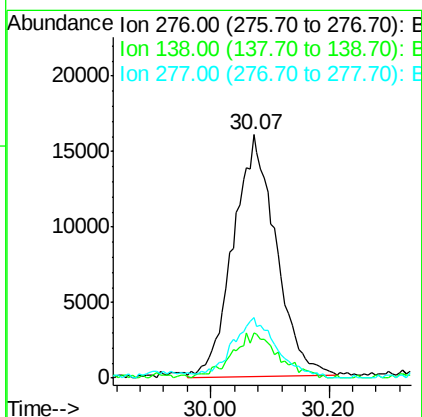
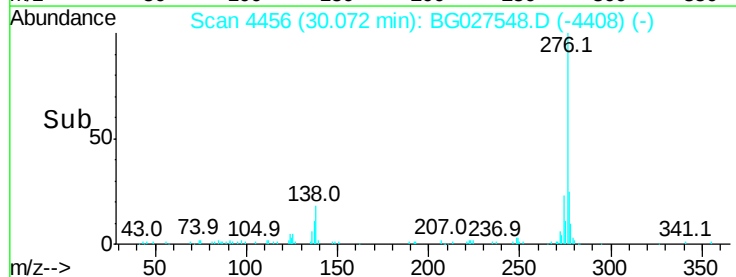
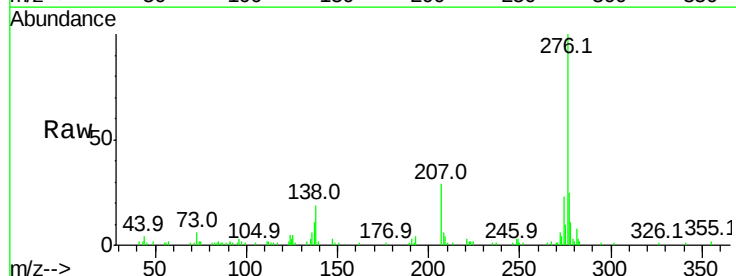
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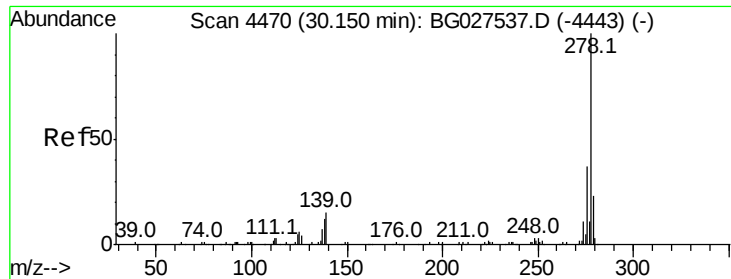
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.75 ng/ul
RT: 30.07 min Scan# 4456
Delta R.T. -0.02 min
Lab File: BG027548.D
Acq: 20 Jun 2017 3:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.6	8.2	12.4#
277	24.7	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 1.04 ng/ul m

RT: 30.11 min Scan# 4462

Delta R.T. -0.04 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

F5A82

Tot Ion:278 Resp: 19249

Ion Ratio Lower Upper

278 100

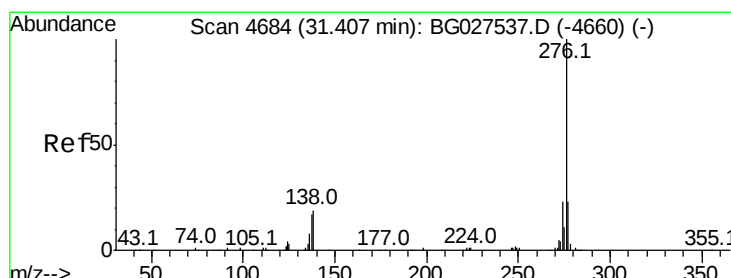
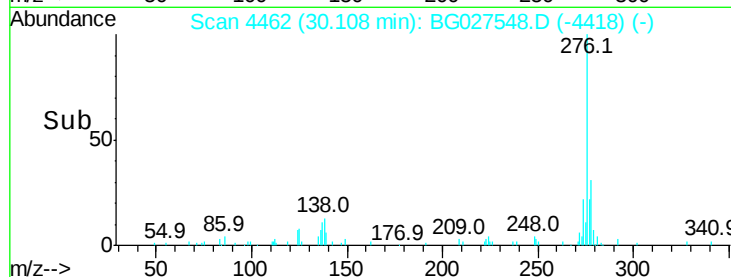
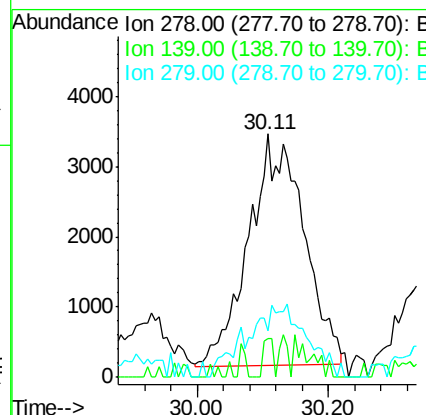
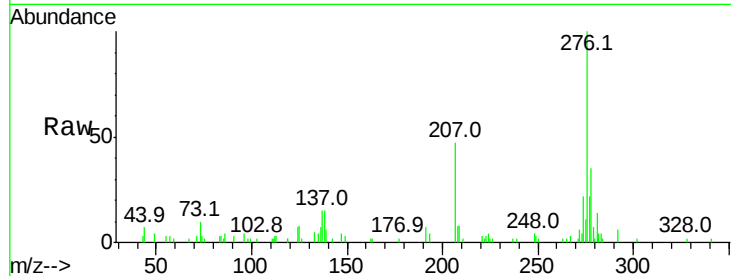
139 16.1 6.7 10.1#

279 18.9 20.9 31.3#

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#91

Benzo(g,h,i)perylene

Concen: 3.18 ng/ul

RT: 31.39 min Scan# 4680

Delta R.T. -0.02 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Tgt Ion:276 Resp: 56044

Ion Ratio Lower Upper

276 100

138 19.5 8.6 12.8#

277 22.3 17.6 26.4

