

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027516.D
 Acq On : 17 Jun 2017 21:08
 Operator : SJ/MA
 Sample : I3599-07 10X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5C97DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 9:13:46 AM

Quant Time: Jun 19 03:25:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 19 01:52:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	42599	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	223652	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	149881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	346839	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	371647	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	357882	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.65	99	5322	1.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	4505	1.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	4092	1.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	4812	1.33	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	1934	1.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	2191	1.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	4280	1.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	4935	1.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	16779	1.34	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	18720	1.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	1615	0.66	ng/ul	0.01
57) Fluorene-d10	16.09	176	16700	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	1911	0.89	ng/ul	0.00
70) Anthracene-d10	17.95	188	24290	1.50	ng/ul	0.00
76) Pyrene-d10	20.22	212	15474	0.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	8024	0.50	ng/ul	0.00

Target Compounds

					Qvalue	
69) Phenanthrene	17.90	178	26089	1.400	ng/ul	99
74) Fluoranthene	19.89	202	100683	4.801	ng/ul#	85
77) Pyrene	20.25	202	60725	2.764	ng/ul#	85
80) Benzo(a)anthracene	22.21	228	83215	4.021	ng/ul	98
82) Chrysene	22.28	228	91100	4.874	ng/ul	100
85) Benzo(b)fluoranthene	24.72	252	178962	8.396	ng/ul#	96
86) Benzo(k)fluoranthene	24.78	252	69279m	3.381	ng/ul	
88) Benzo(a)pyrene	25.70	252	24516	1.198	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	30.07	276	27712m	1.186	ng/ul	

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

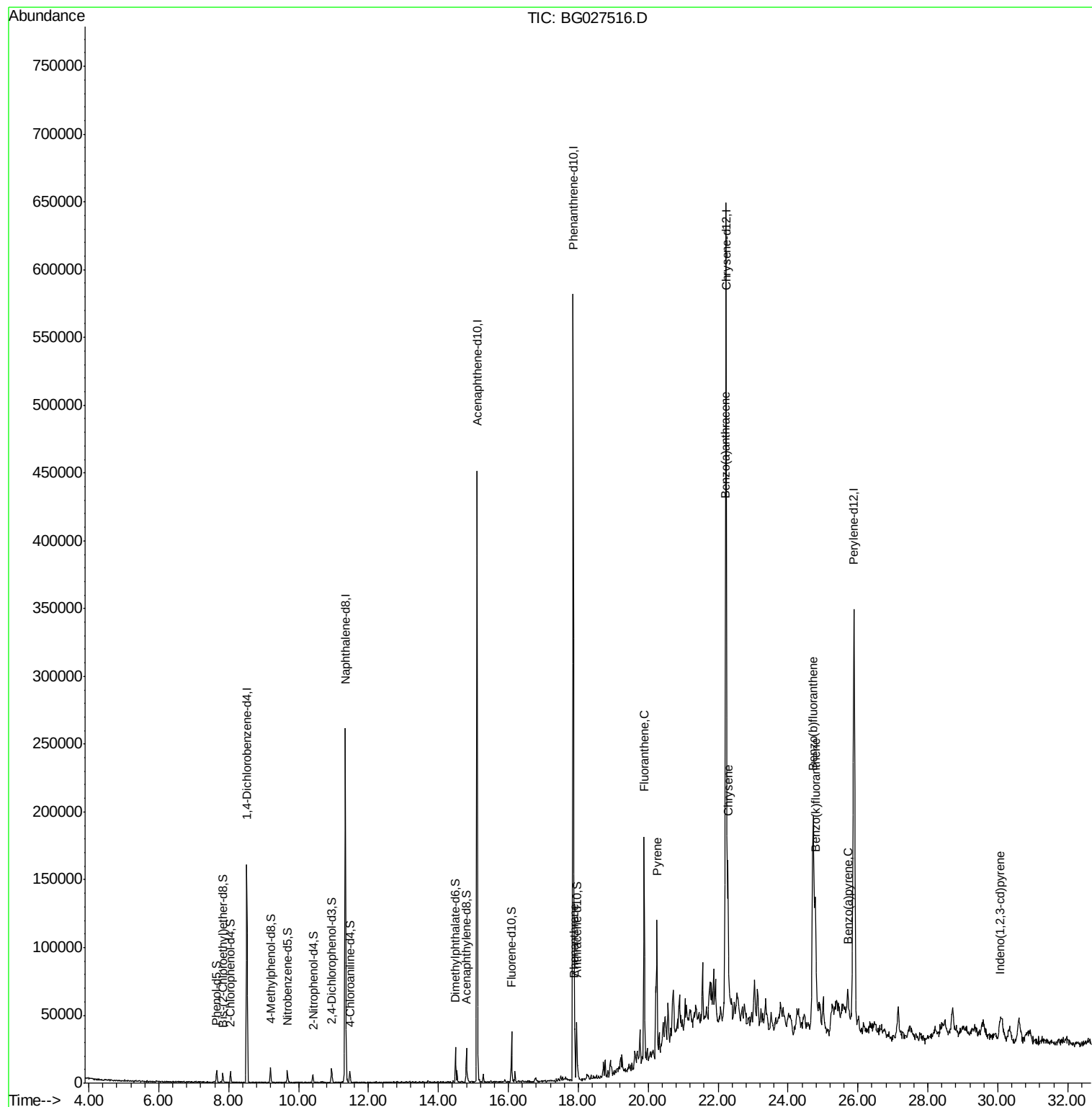
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027516.D
Acq On : 17 Jun 2017 21:08
Operator : SJ/MA
Sample : I3599-07 10X
Misc :
ALS Vial : 48 Sample Multiplier: 1

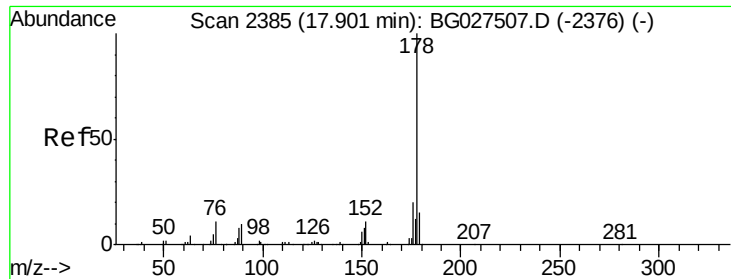
Instrument :
BNA_G
ClientSampleId :
F5C97DL

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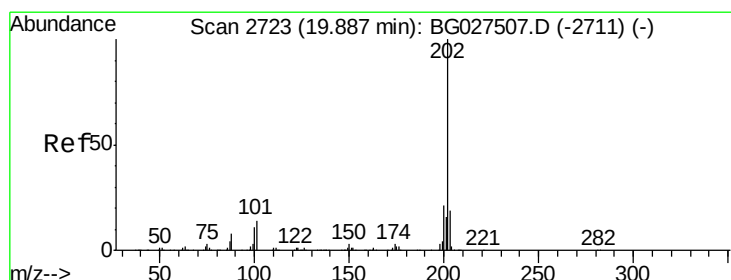
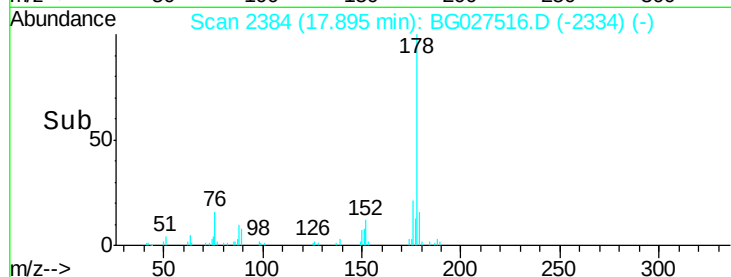
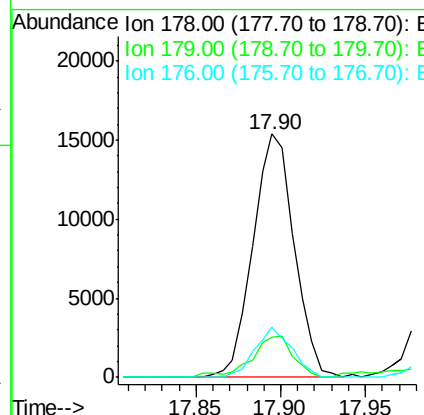
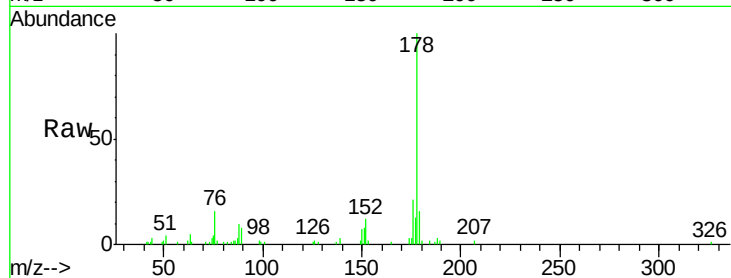
#69
Phenanthrene
Concen: 1.400 ng/ul
RT: 17.90 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Instrument :
BNA_G
ClientSampleId :
F5C97DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	20.5	16.5	24.7

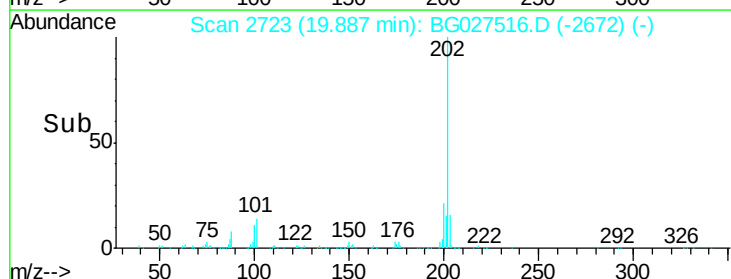
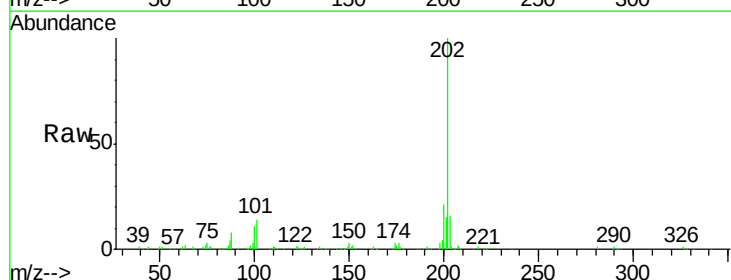
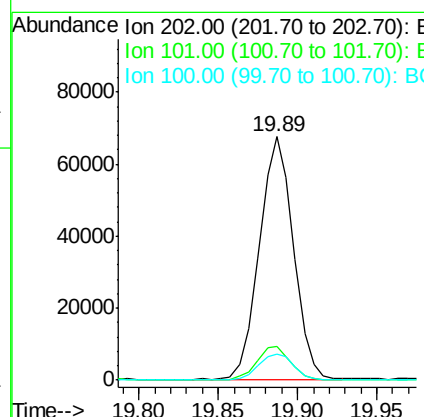
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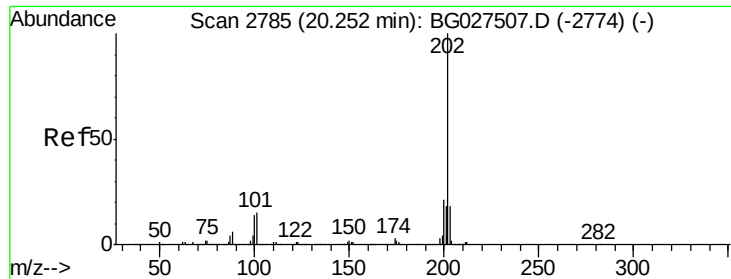
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#74
Fluoranthene
Concen: 4.801 ng/ul
RT: 19.89 min Scan# 2723
Delta R.T. -0.00 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.2	9.2#
100	10.7	5.2	7.8#





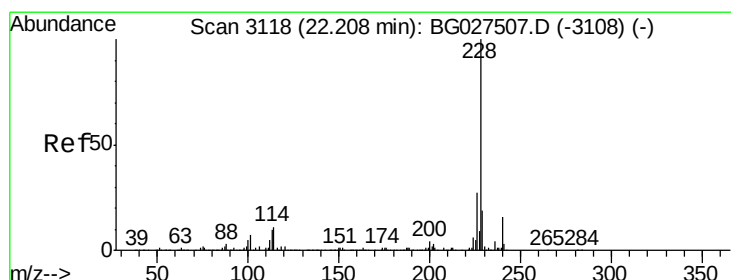
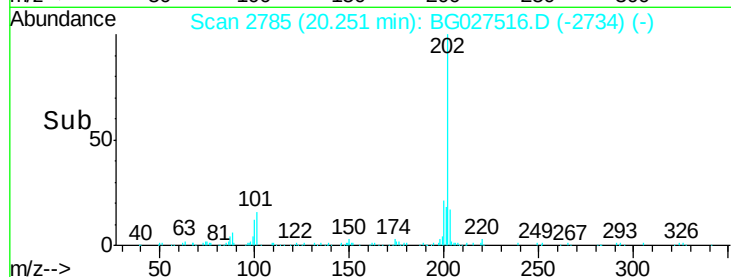
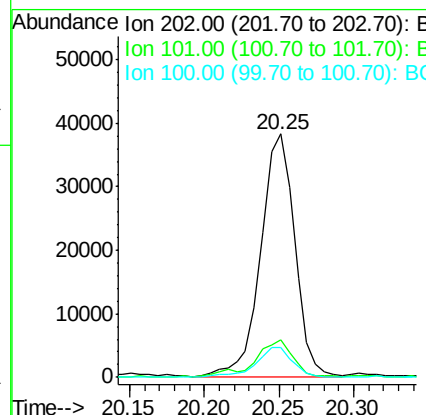
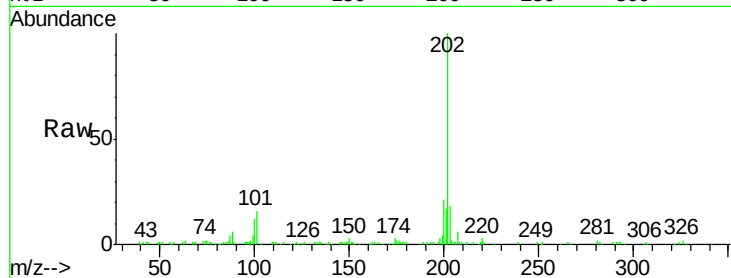
#77
 Pyrene
 Concen: 2.764 ng/ul
 RT: 20.25 min Scan# 2785
 Delta R.T. -0.00 min
 Lab File: BG027516.D
 Acq: 17 Jun 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 F5C97DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	6.9	10.3#
100	12.4	6.6	10.0#

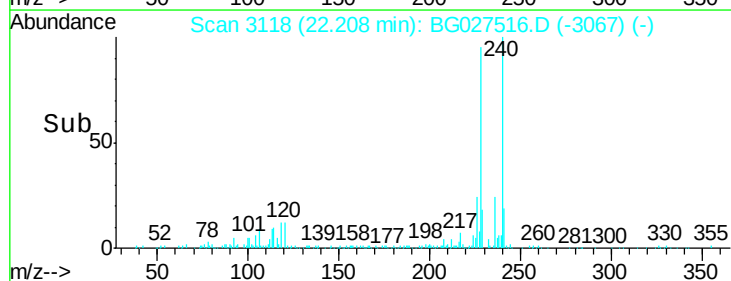
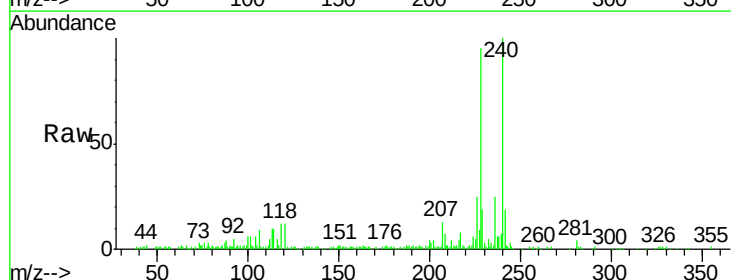
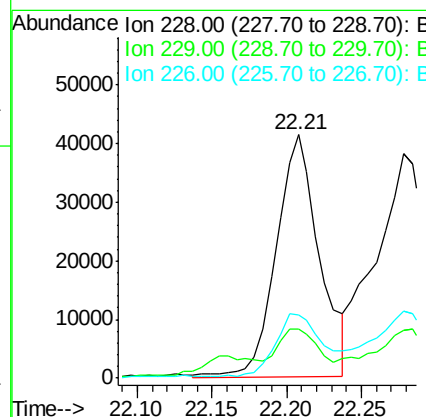
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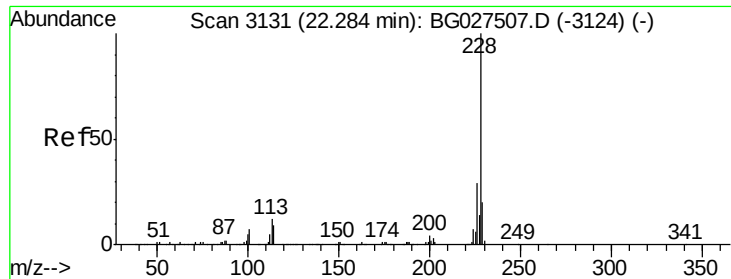
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#80
 Benzo(a)anthracene
 Concen: 4.021 ng/ul
 RT: 22.21 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG027516.D
 Acq: 17 Jun 2017 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	16.3	24.5
226	25.8	21.9	32.9





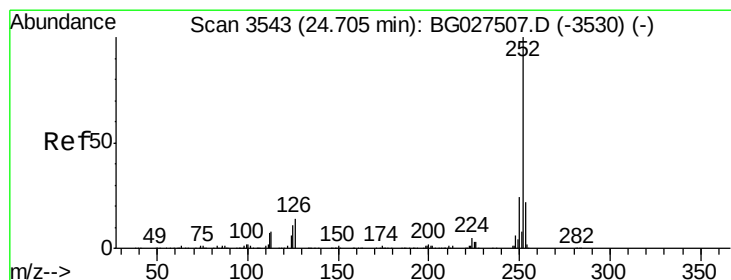
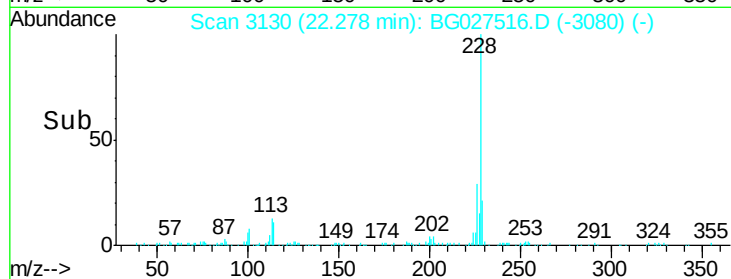
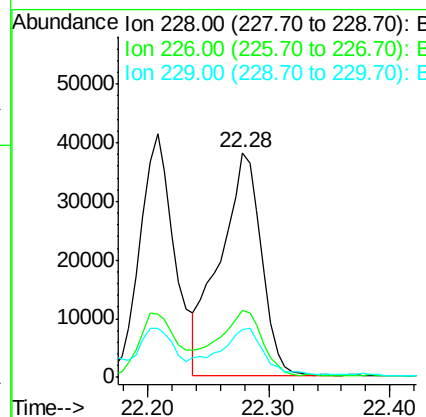
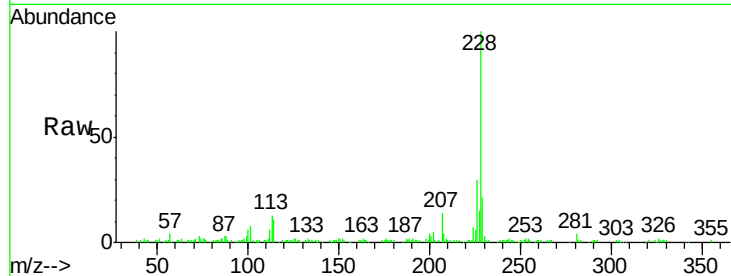
#82
Chrysene
Concen: 4.874 ng/ul
RT: 22.28 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Instrument :
BNA_G
ClientSampleId :
F5C97DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	91100		
226	29.7	24.0	36.0	
229	21.1	16.9	25.3	

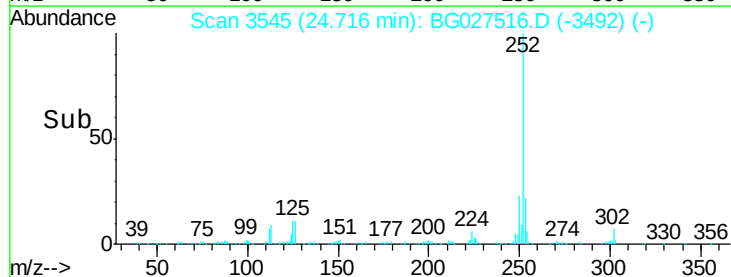
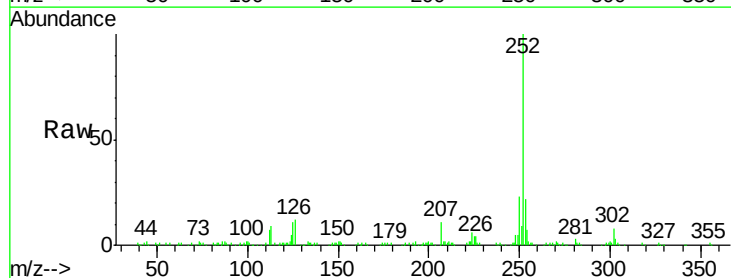
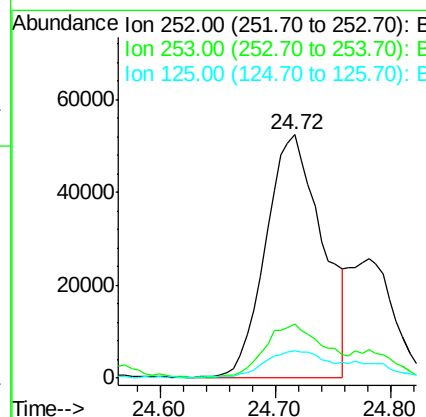
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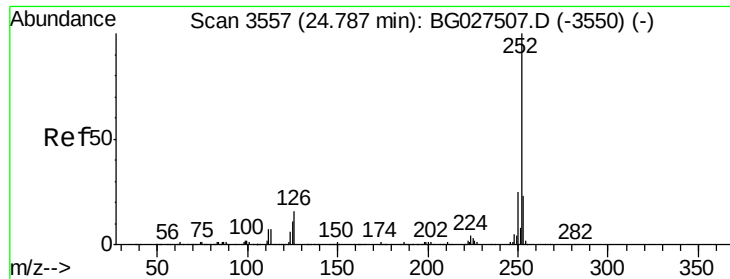
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#85
Benzo(b)fluoranthene
Concen: 8.396 ng/ul
RT: 24.72 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	178962		
253	22.2	17.7	26.5	
125	11.3	4.0	6.0	





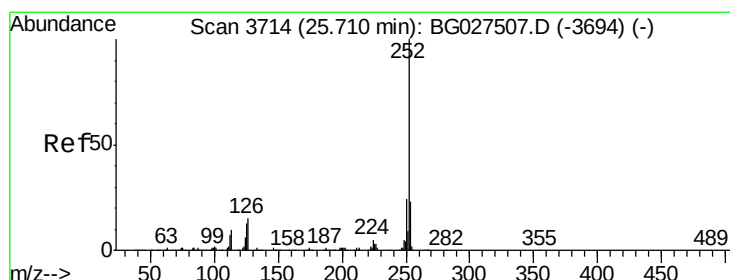
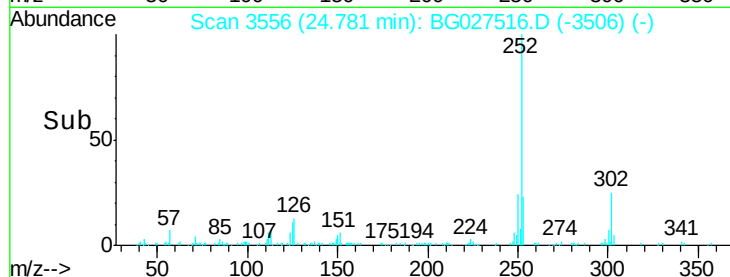
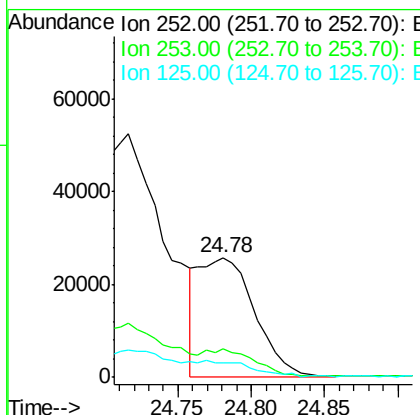
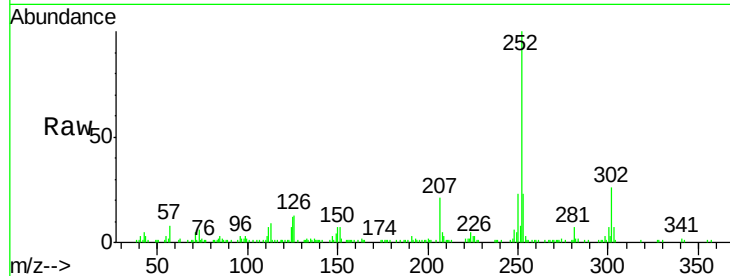
#86
Benzo(k)fluoranthene
Concen: 3.381 ng/ul m
RT: 24.78 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Instrument :
BNA_G
ClientSampled :
F5C97DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	12.0	4.1	6.1#

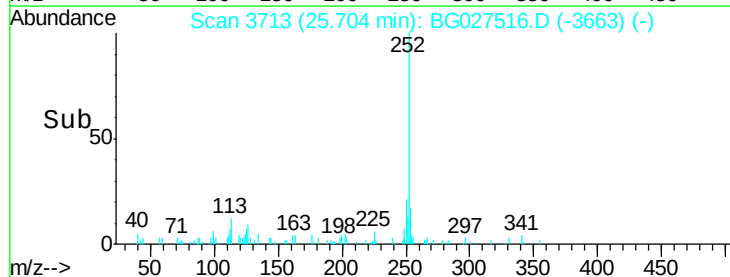
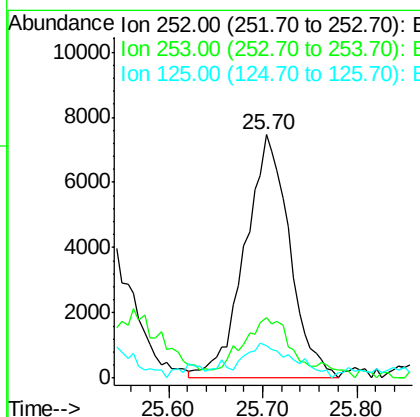
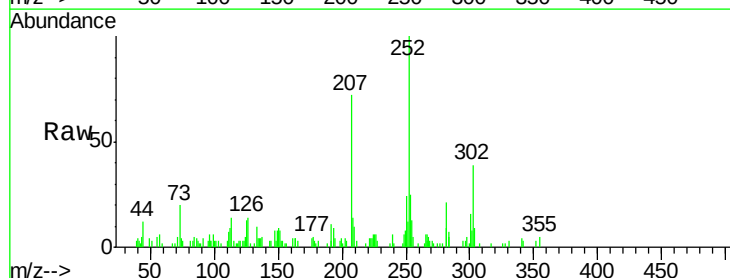
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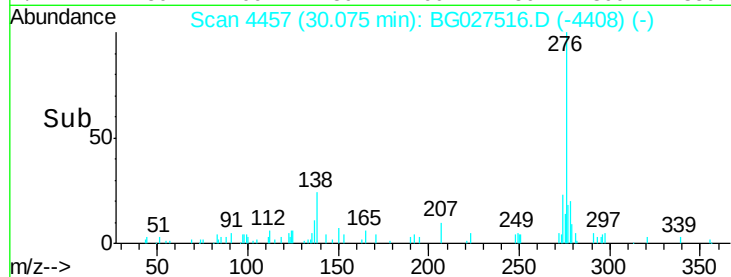
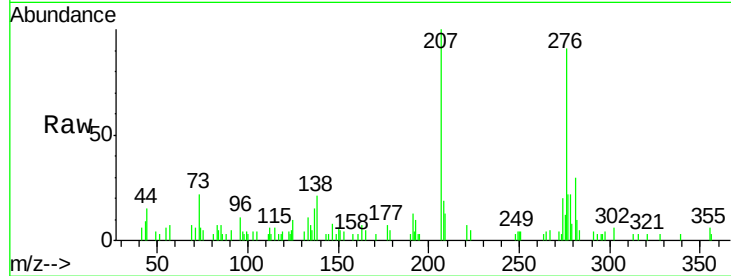
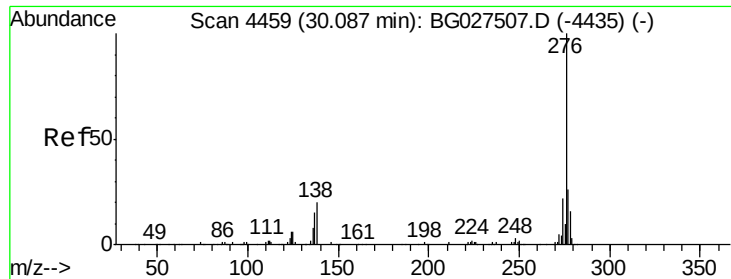
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#88
Benzo(a)pyrene
Concen: 1.198 ng/ul
RT: 25.70 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG027516.D
Acq: 17 Jun 2017 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	13.4	5.4	8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.186 ng/ul m

RT: 30.07 min Scan# 4457

Delta R.T. -0.01 min

Lab File: BG027516.D

Acq: 17 Jun 2017 21:08

Tgt Ion:	276	Resp:	27712
Ion Ratio	Lower	Upper	
276	100		
138	23.3	8.2	12.4#
277	24.0	18.6	28.0

Instrument :

BNA_G

ClientSampleId :

F5C97DL

Manual Integrations
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