

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027510.D
 Acq On : 17 Jun 2017 17:11
 Operator : SJ/MA
 Sample : I3599-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A81

Manual Integrations
 APPROVED

mohammad
 6/19/2017 9:13:26 AM

Quant Time: Jun 19 02:04:26 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	37505	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	190321	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	128658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	314852	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	332520	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	323153	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	4.08	96	2501	2.67	ng/uL	0.00
5) Phenol-d5	7.65	99	54237	13.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	42169	15.21	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	37990	14.14	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	42196	13.27	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	19861	14.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	21218	14.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	38789	13.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	55777	15.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	156272	14.51	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	181895	14.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	17912	8.50	ng/ul	0.00
57) Fluorene-d10	16.09	176	143943	14.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	18718	9.57	ng/ul	0.00
70) Anthracene-d10	17.95	188	226999	15.46	ng/ul	0.00
76) Pyrene-d10	20.22	212	250857	15.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	220546	15.16	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	14.53	163	47639	4.459	ng/ul	98
74) Fluoranthene	19.89	202	50857	2.671	ng/ul#	86
77) Pyrene	20.25	202	56502	2.875	ng/ul#	84
80) Benzo(a)anthracene	22.20	228	42349	2.287	ng/ul	99
82) Chrysene	22.28	228	43268m	2.587	ng/ul	
85) Benzo(b)fluoranthene	24.71	252	92101	4.785	ng/ul#	95
86) Benzo(k)fluoranthene	24.78	252	29140m	1.575	ng/ul	
88) Benzo(a)pyrene	25.71	252	43744	2.367	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	30.07	276	33051	1.567	ng/ul#	86
91) Benzo(g,h,i)perylene	31.39	276	23538	1.363	ng/ul#	81

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

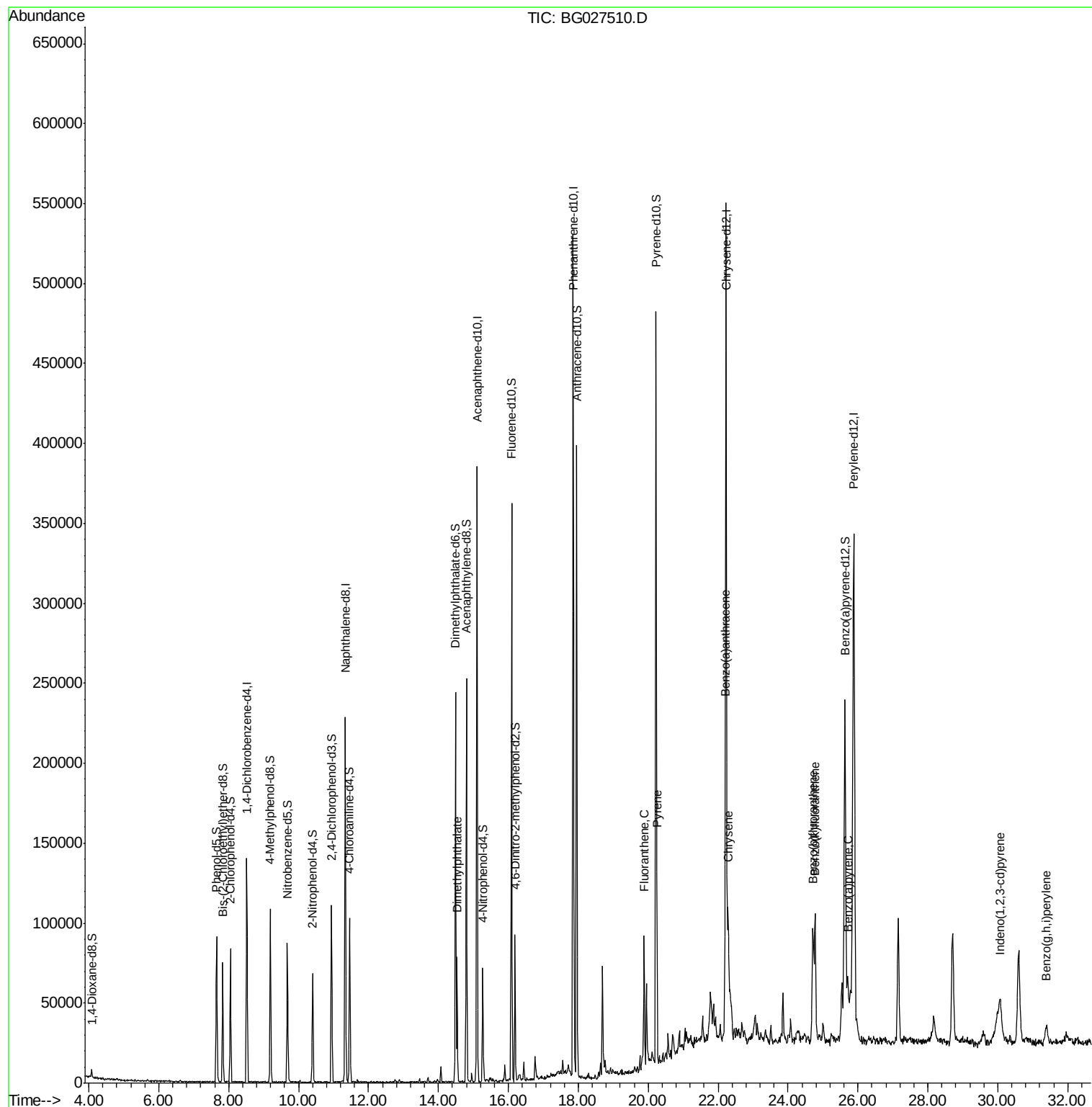
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027510.D
Acq On : 17 Jun 2017 17:11
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ALS Vial : 42 Sample Multiplier: 1

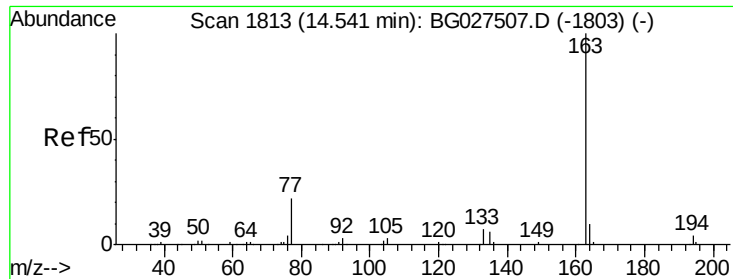
Instrument :
BNA_G
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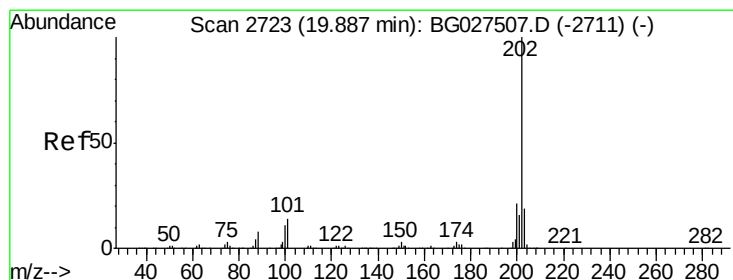
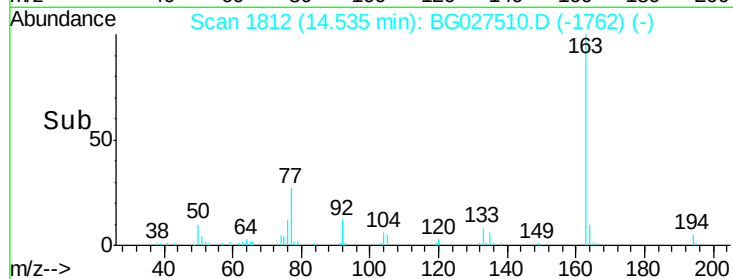
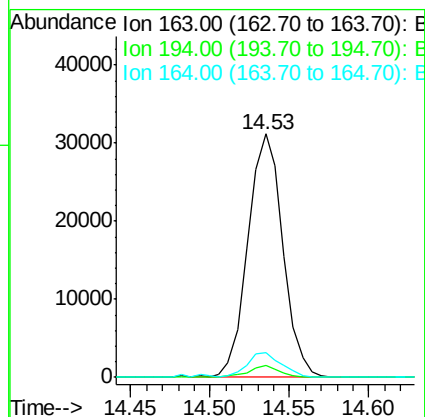
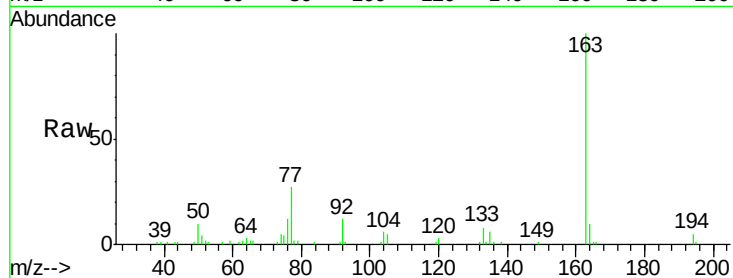
#44
Dimethylphthalate
Concen: 4.459 ng/ul
RT: 14.53 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG027510.D
Acq: 17 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :
F5A81

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	47639		
194	5.0	3.4	5.0	
164	10.3	9.0	13.4	

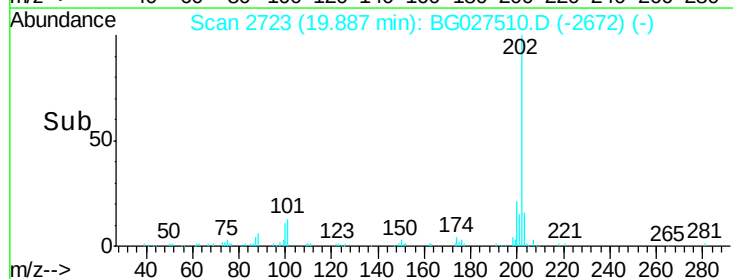
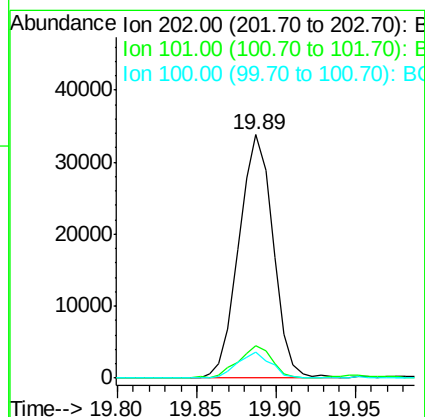
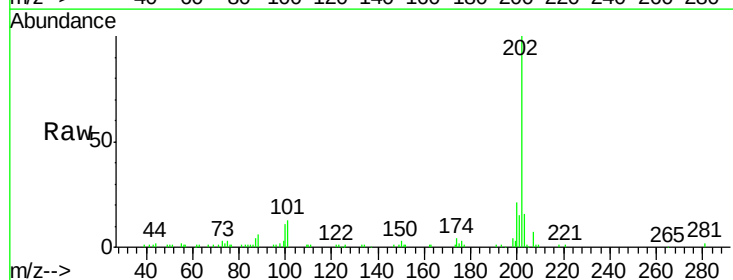
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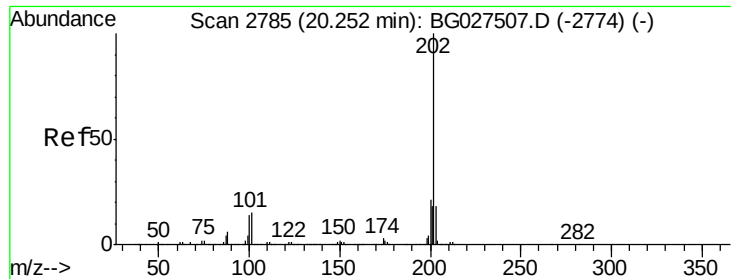
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#74
Fluoranthene
Concen: 2.671 ng/ul
RT: 19.89 min Scan# 2723
Delta R.T. 0.00 min
Lab File: BG027510.D
Acq: 17 Jun 2017 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	50857		
101	13.4	6.2	9.2#	
100	10.6	5.2	7.8#	





#77

Pyrene

Concen: 2.875 ng/ul

RT: 20.25 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG027510.D

Acq: 17 Jun 2017 17:11

Instrument :

BNA_G

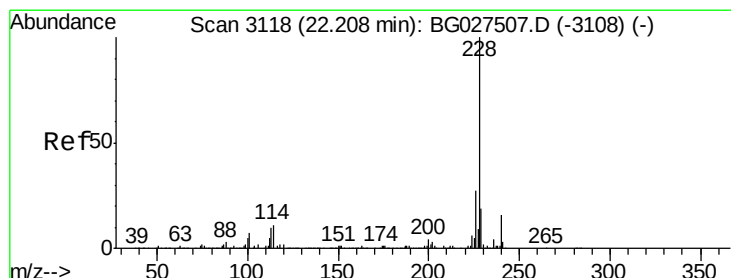
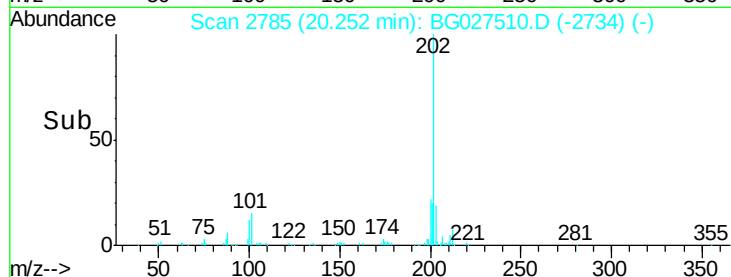
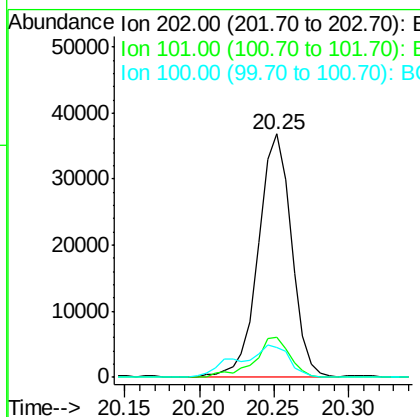
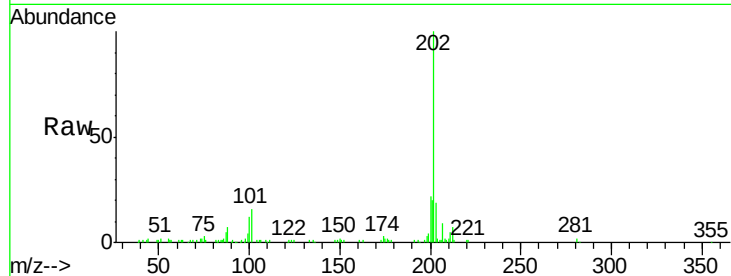
ClientSampleId :

F5A81

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	56502		
101	16.3	6.9	10.3#	
100	12.2	6.6	10.0#	

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#80

Benzo(a)anthracene

Concen: 2.287 ng/ul

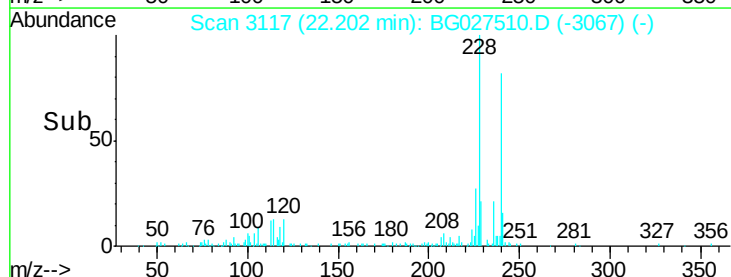
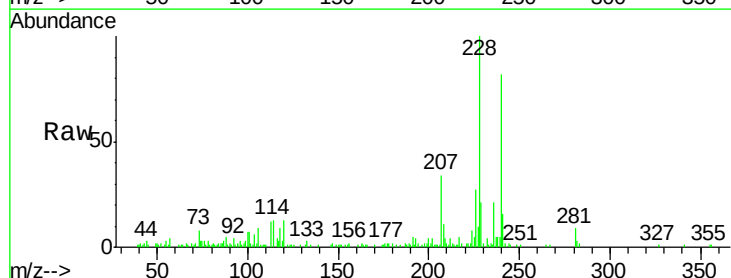
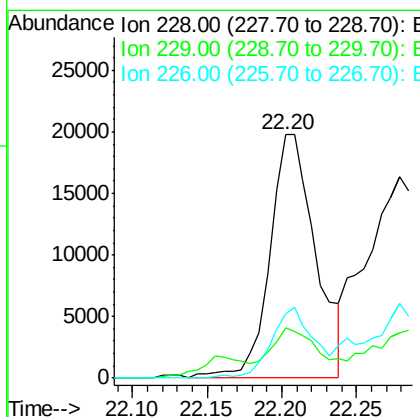
RT: 22.20 min Scan# 3117

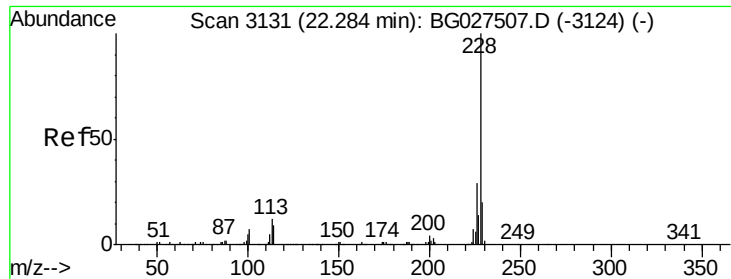
Delta R.T. -0.01 min

Lab File: BG027510.D

Acq: 17 Jun 2017 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	42349		
229	20.6	16.3	24.5	
226	26.6	21.9	32.9	





#82

Chrysene

Concen: 2.587 ng/ul m

RT: 22.28 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG027510.D

Acq: 17 Jun 2017 17:11

Instrument :

BNA_G

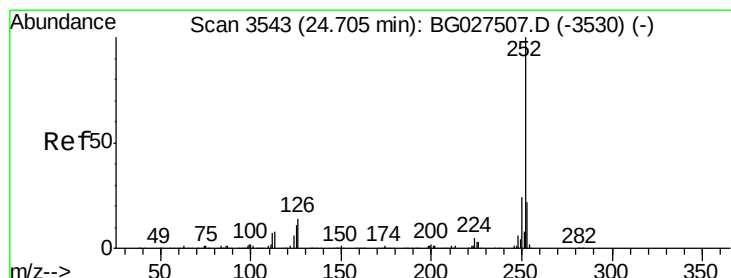
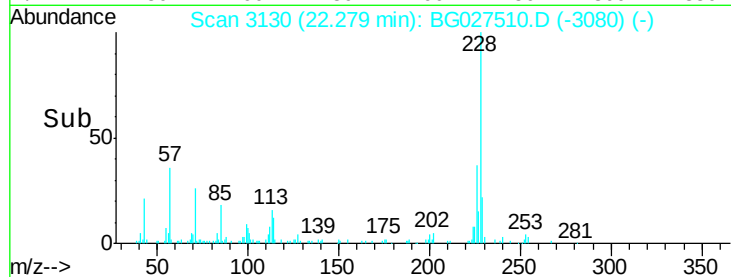
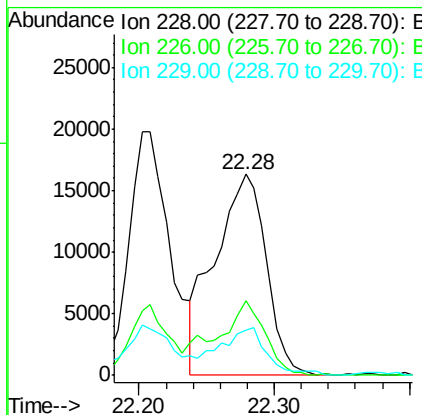
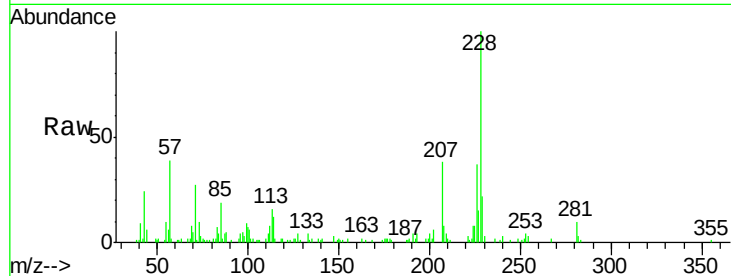
ClientSampleId :

F5A81

Tgt Ion:	228	Resp:	43268
Ion Ratio	Lower	Upper	
228	100		
226	37.1	24.0	36.0#
229	22.3	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 4.785 ng/ul

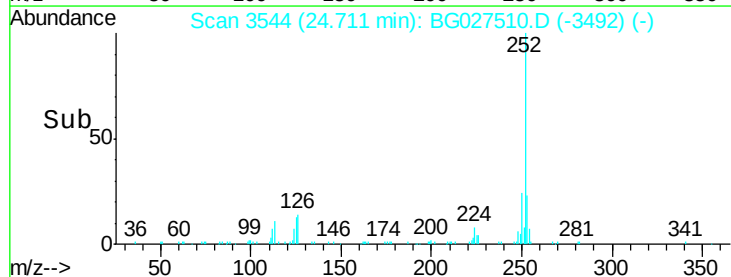
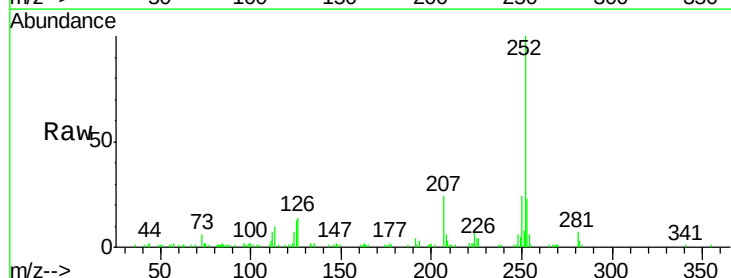
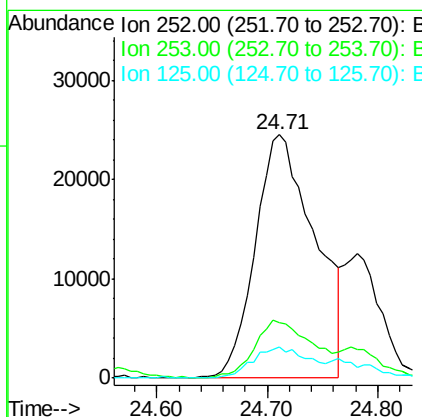
RT: 24.71 min Scan# 3544

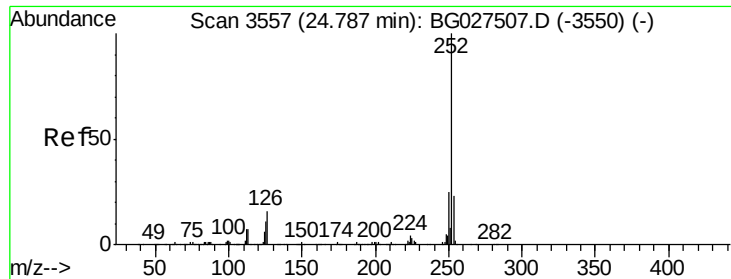
Delta R.T. 0.01 min

Lab File: BG027510.D

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Tgt Ion:	252	Resp:	92101
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	12.7	4.0	6.0#





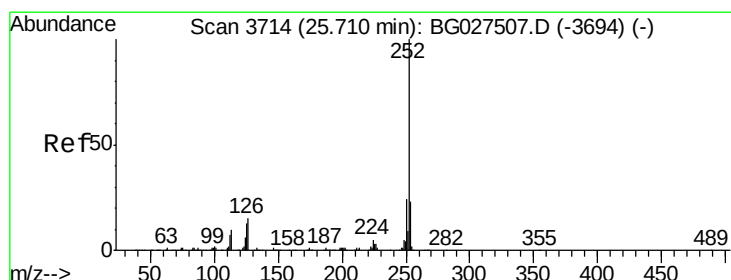
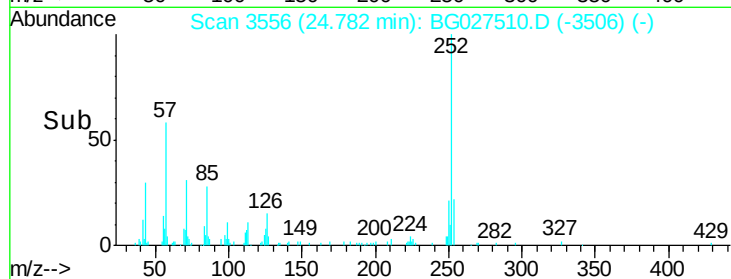
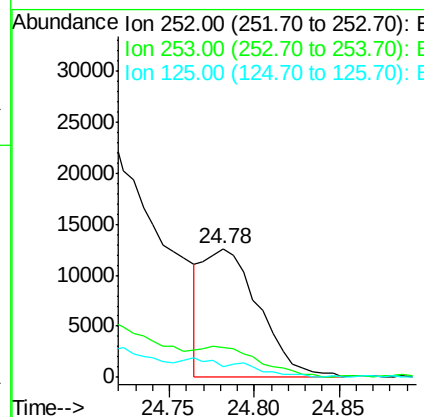
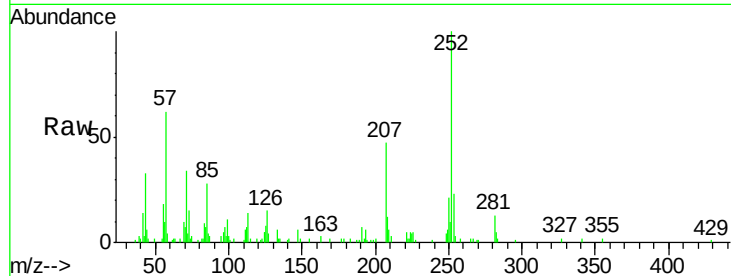
#86
Benzo(k)fluoranthene
Concen: 1.575 ng/ul m
RT: 24.78 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG027510.D
Acq: 17 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :
F5A81

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	8.4	4.1	6.1

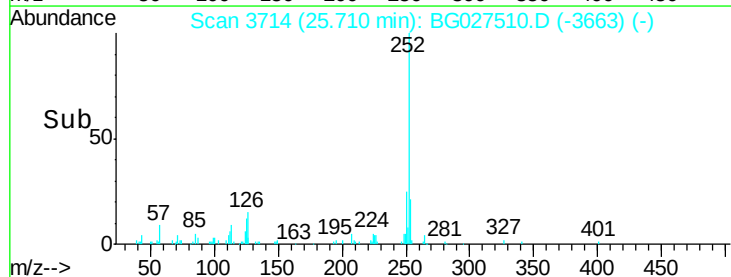
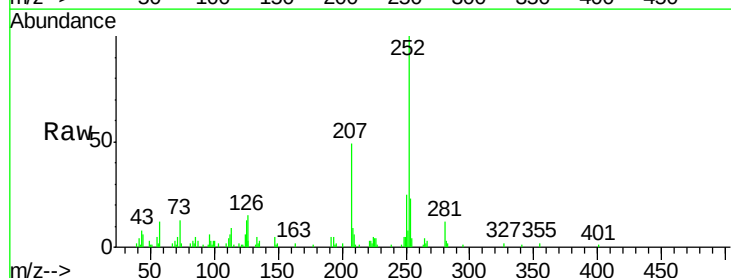
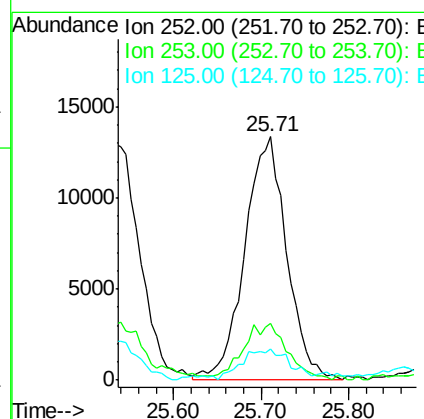
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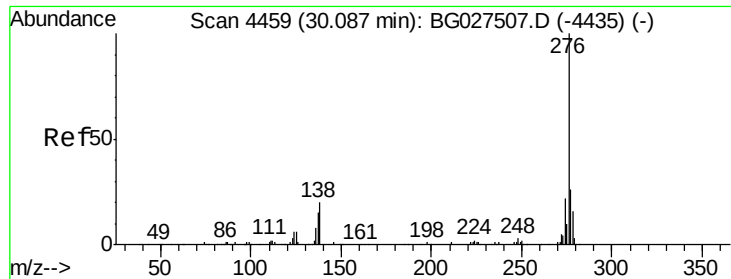
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#88
Benzo(a)pyrene
Concen: 2.367 ng/ul
RT: 25.71 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG027510.D
Acq: 17 Jun 2017 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	13.0	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.567 ng/ul

RT: 30.07 min Scan# 4456

Delta R.T. -0.02 min

Lab File: BG027510.D

Acq: 17 Jun 2017 17:11

Instrument :

BNA_G

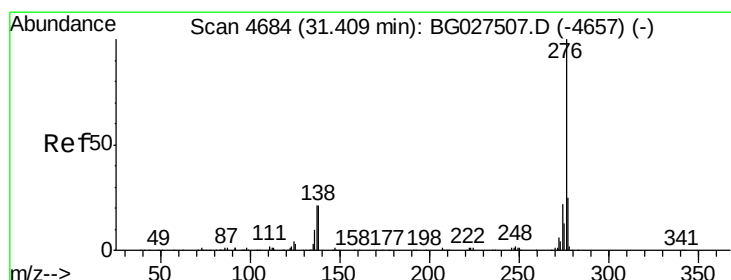
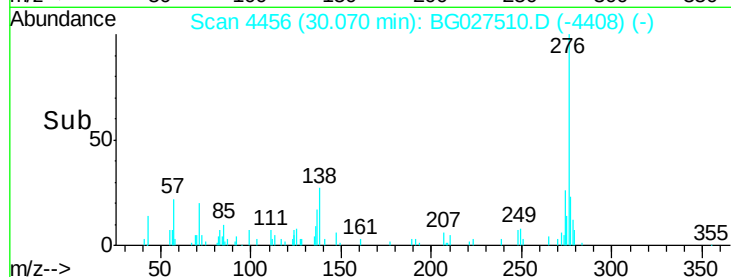
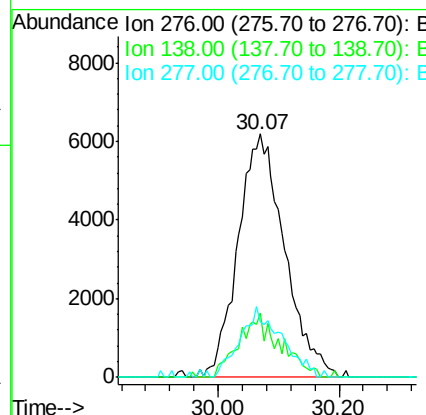
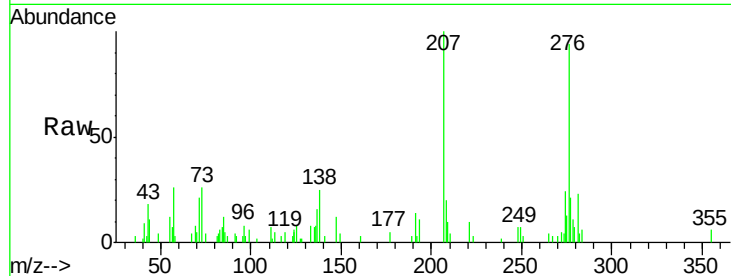
ClientSampleId :

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Tgt Ion:	276	Resp:	33051
Ion Ratio	Lower	Upper	
276	100		
138	26.6	8.2	12.4#
277	22.9	18.6	28.0

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#91

Benzo(g,h,i)perylene

Concen: 1.363 ng/ul

RT: 31.39 min Scan# 4681

Delta R.T. -0.02 min

Lab File: BG027510.D

Acq: 17 Jun 2017 17:11

Tgt Ion:	276	Resp:	23538
Ion Ratio	Lower	Upper	
276	100		
138	23.7	8.6	12.8#
277	27.5	17.6	26.4#

