

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025054.D
 Acq On : 10 Dec 2016 3:49
 Operator : UM/SJ
 Sample : H5860-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8E5

Manual Integrations
 APPROVED

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Quant Time: Dec 12 03:27:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 03:10:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	99503	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	415249	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	341996	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	757664	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	942164	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	910478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3576	1.86	ng/uL	0.00
5) Phenol-d5	7.39	99	109482	12.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	65770	12.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	75753	12.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	79174	11.04	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	43370	14.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	46503	12.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	94170	13.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	91251	13.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	316778	13.47	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	385778	14.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	40353m	9.98	ng/ul	0.00
57) Fluorene-d10	15.85	176	327263	14.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	47906	10.23	ng/ul	0.00
70) Anthracene-d10	17.70	188	475002	14.85	ng/ul	0.00
76) Pyrene-d10	19.98	212	617131	15.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	576242	15.62	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.42	94	18059	2.05	ng/ul	89
44) Dimethylphthalate	14.30	163	81617	3.53	ng/ul	99
69) Phenanthrene	17.64	178	46289	1.28	ng/ul#	92
74) Fluoranthene	19.64	202	117842	2.74	ng/ul#	95
77) Pyrene	20.01	202	97746	2.16	ng/ul	98
82) Chrysene	21.95	228	58132	1.27	ng/ul#	86
85) Benzo(b)fluoranthene	24.21	252	67976	1.51	ng/ul#	95

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

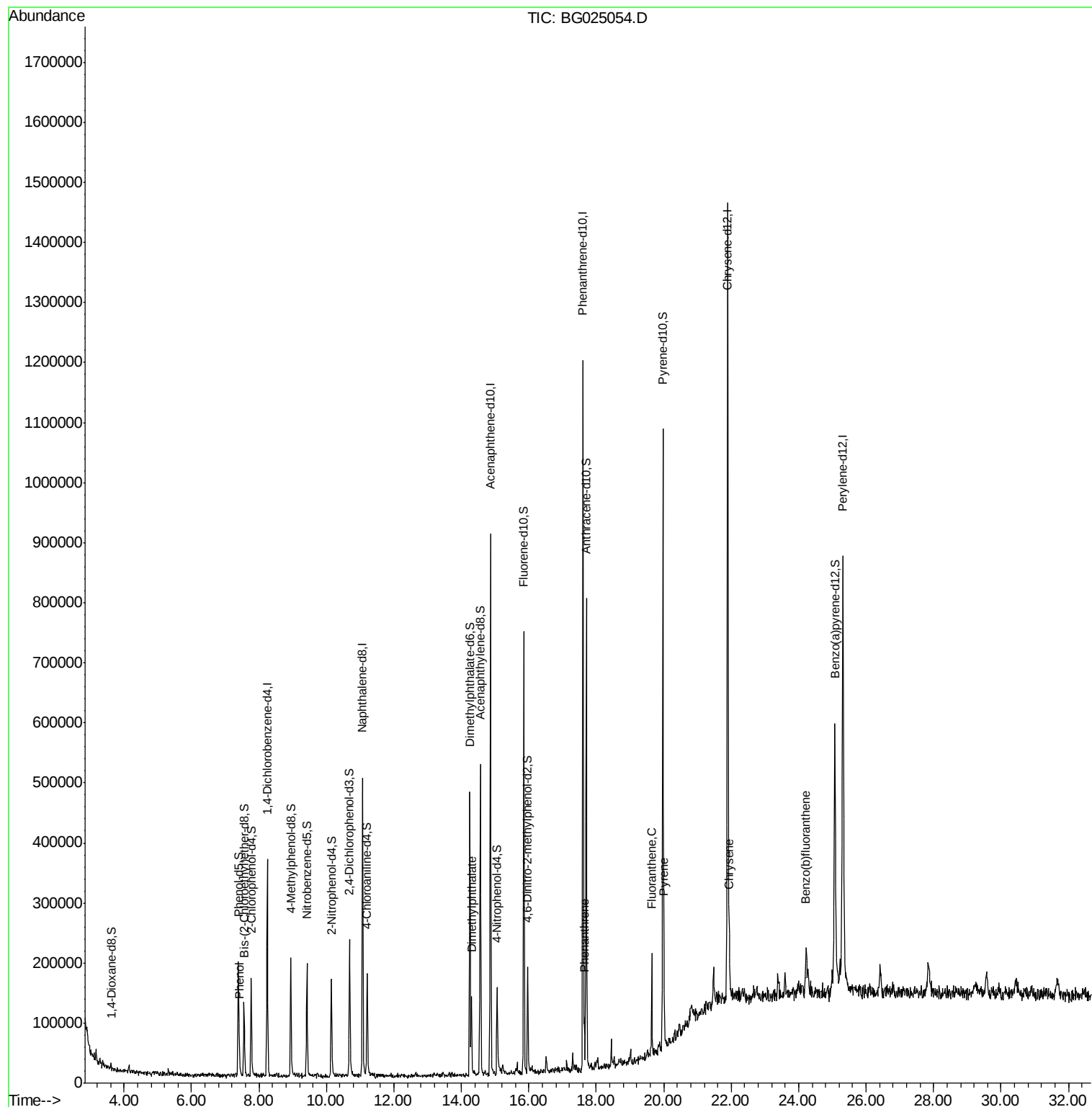
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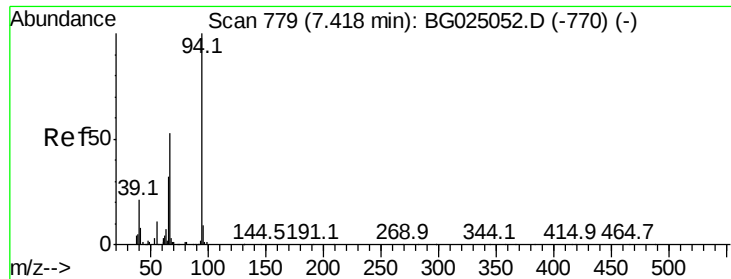
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.05 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025054.D

Acq: 10 Dec 2016 3:49

Instrument :

BNA_G

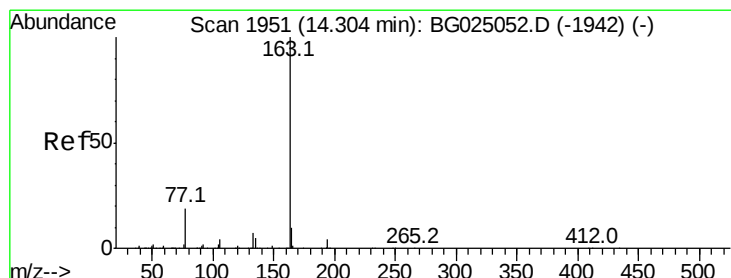
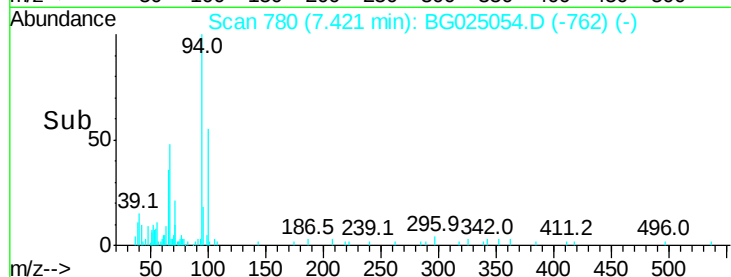
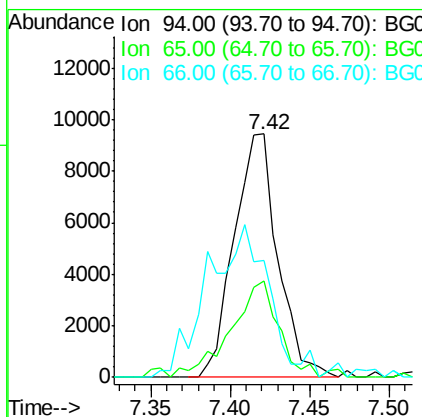
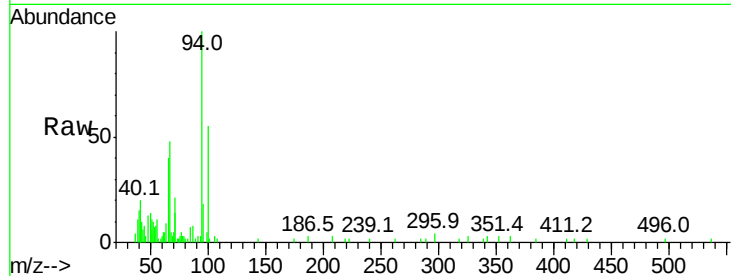
ClientSampleId :

DA8E5

Tot Ion:	94	Resp:	18059
Ion Ratio	Lower	Upper	
94	100		
65	39.8	26.8	40.2
66	47.9	44.4	66.6

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#44

Dimethylphthalate

Concen: 3.53 ng/ul

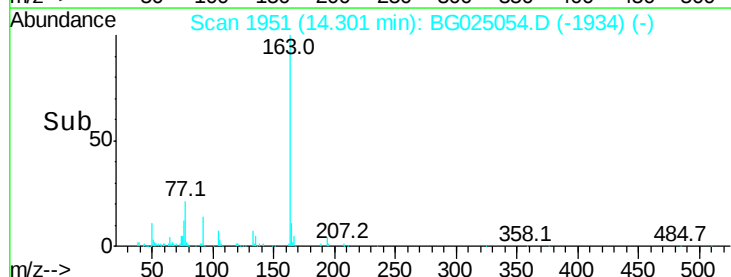
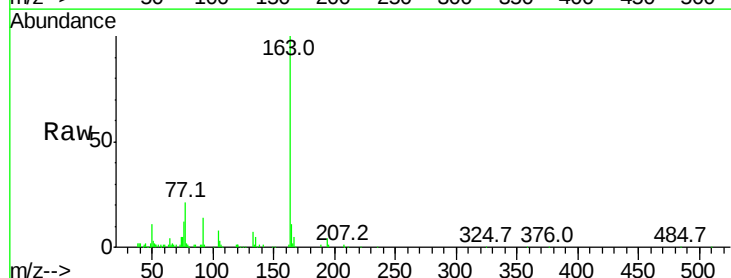
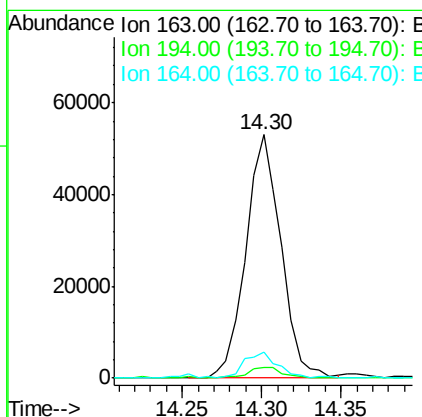
RT: 14.30 min Scan# 1951

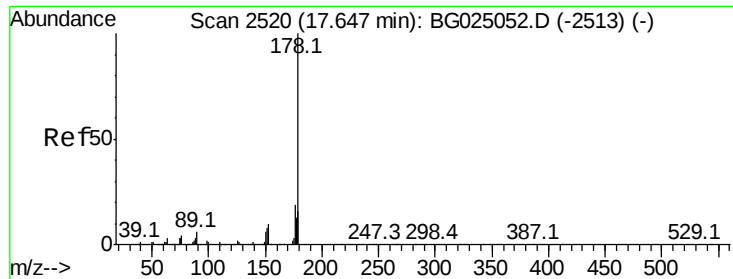
Delta R.T. -0.00 min

Lab File: BG025054.D

Acq: 10 Dec 2016 3:49

Tgt Ion:	163	Resp:	81617
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	10.9	9.0	13.4





#69

Phenanthrene

Concen: 1.28 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025054.D

Acq: 10 Dec 2016 3:49

Instrument :

BNA_G

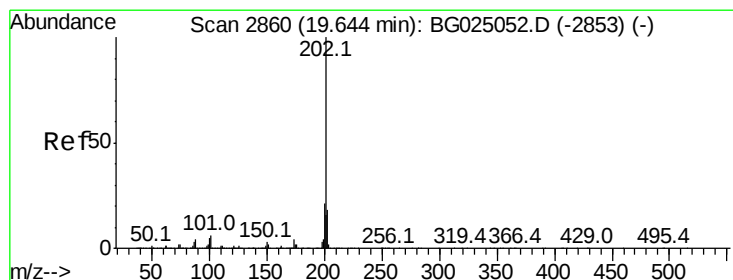
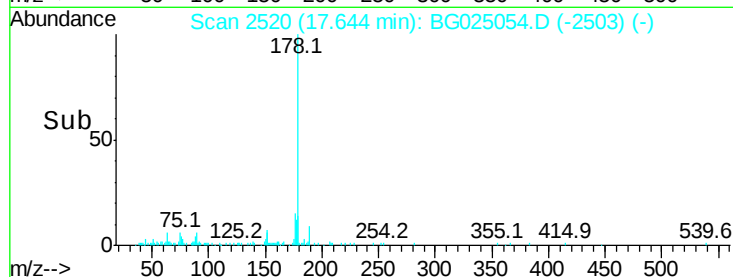
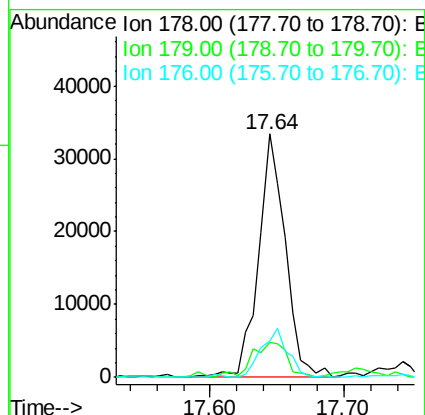
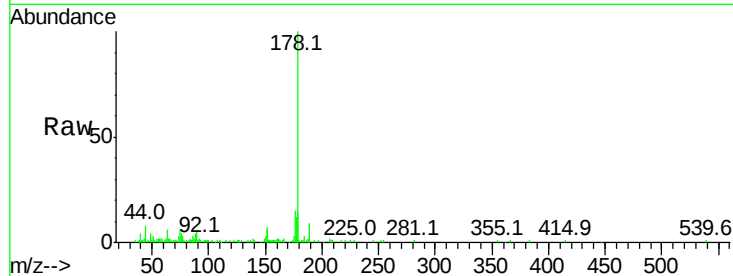
ClientSampleId :

DA8E5

Tot Ion:	178	Resp:	46289
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.4	18.6
176	14.9	16.5	24.7#

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#74

Fluoranthene

Concen: 2.74 ng/ul

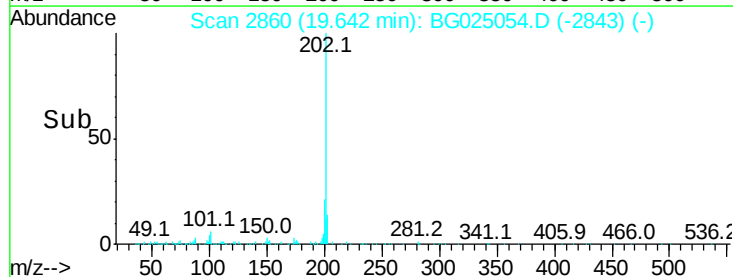
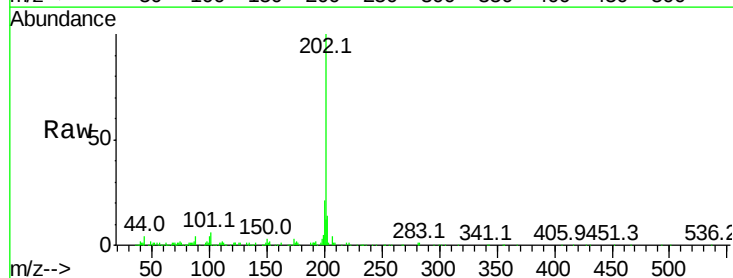
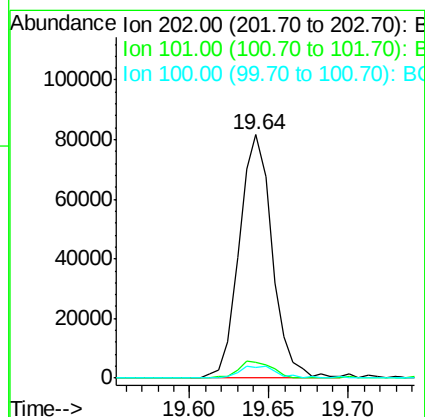
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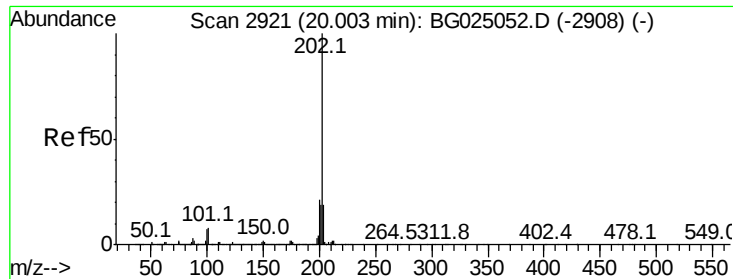
Delta R.T. -0.00 min

Lab File: BG025054.D

Acq: 10 Dec 2016 3:49

Tgt Ion:	202	Resp:	117842
Ion Ratio	Lower	Upper	
202	100		
101	6.2	6.2	9.2
100	4.2	5.2	7.8#





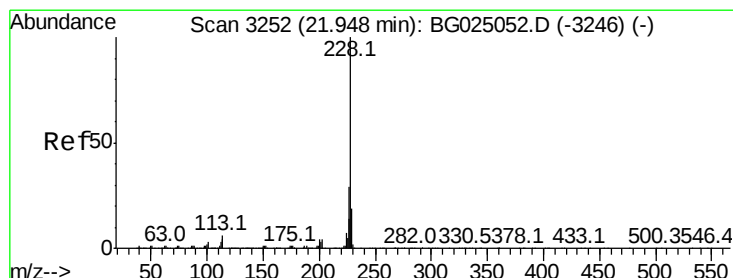
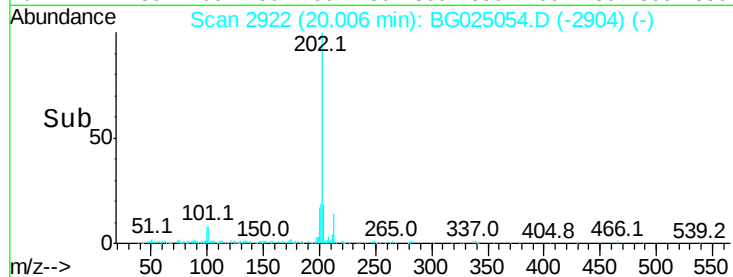
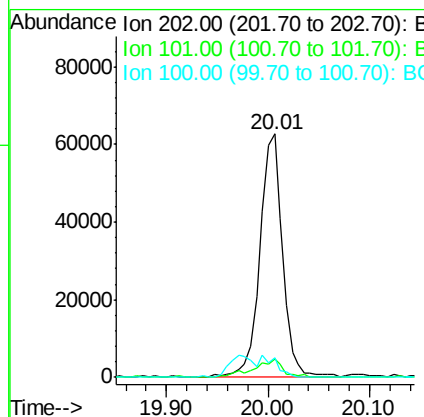
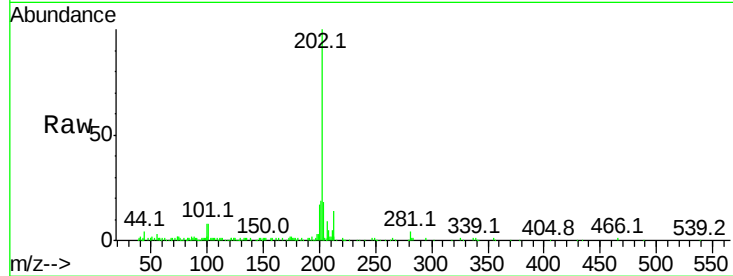
#77
Pvrene
Concen: 2.16 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	6.9	10.3
100	8.0	6.6	10.0

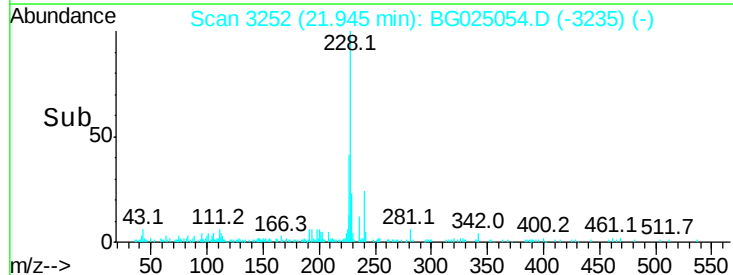
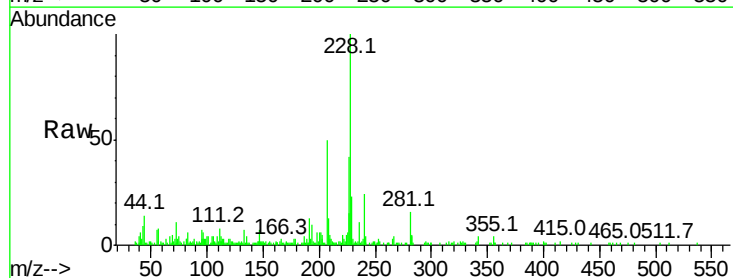
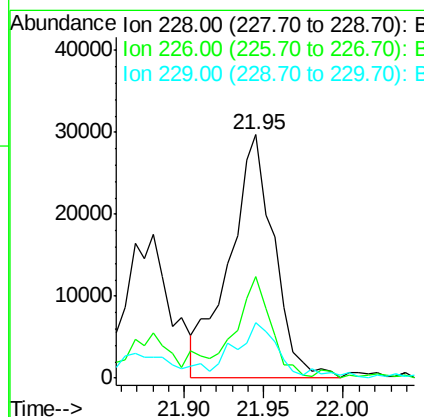
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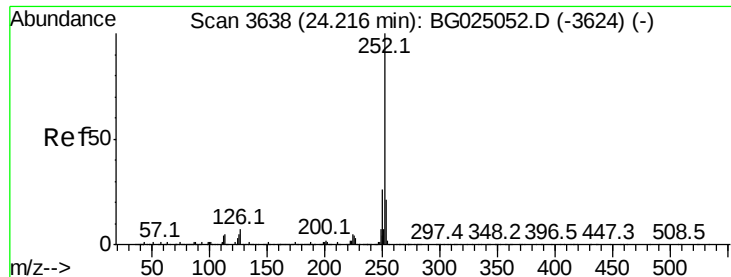
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#82
Chrysene
Concen: 1.27 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BG025054.D
Acq: 10 Dec 2016 3:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	41.7	24.0	36.0#
229	22.8	16.9	25.3





#85
 Benzo(b)fluoranthene
 Concen: 1.51 ng/ul
 RT: 24.21 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: BG025054.D
 Acq: 10 Dec 2016 3:49

Instrument :
 BNA_G
 ClientSampleId :
 DA8E5

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.7	26.5
125	9.5	4.0	6.0

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