

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025303.D
 Acq On : 18 Dec 2016 9:57
 Operator : UM/SJ
 Sample : H5905-09DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA809DL

Quant Time: Dec 19 04:45:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 04:41:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	69828	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	304067	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	228600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	494804	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	617581	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	626794	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	495	0.37	ng/uL	0.00
5) Phenol-d5	7.40	99	24507	4.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	17549	4.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	19227	4.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	20960	4.16	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	9889	4.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	12434	4.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	20758	4.02	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	12446	2.45	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	74356	4.73	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	79895	4.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	5882	2.18	ng/ul	0.02
57) Fluorene-d10	15.84	176	69035	4.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	3935	1.29	ng/ul	0.03
70) Anthracene-d10	17.69	188	100027	4.79	ng/ul	0.00
76) Pyrene-d10	19.97	212	119638	4.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	114379	4.50	ng/ul	0.00

Target Compounds

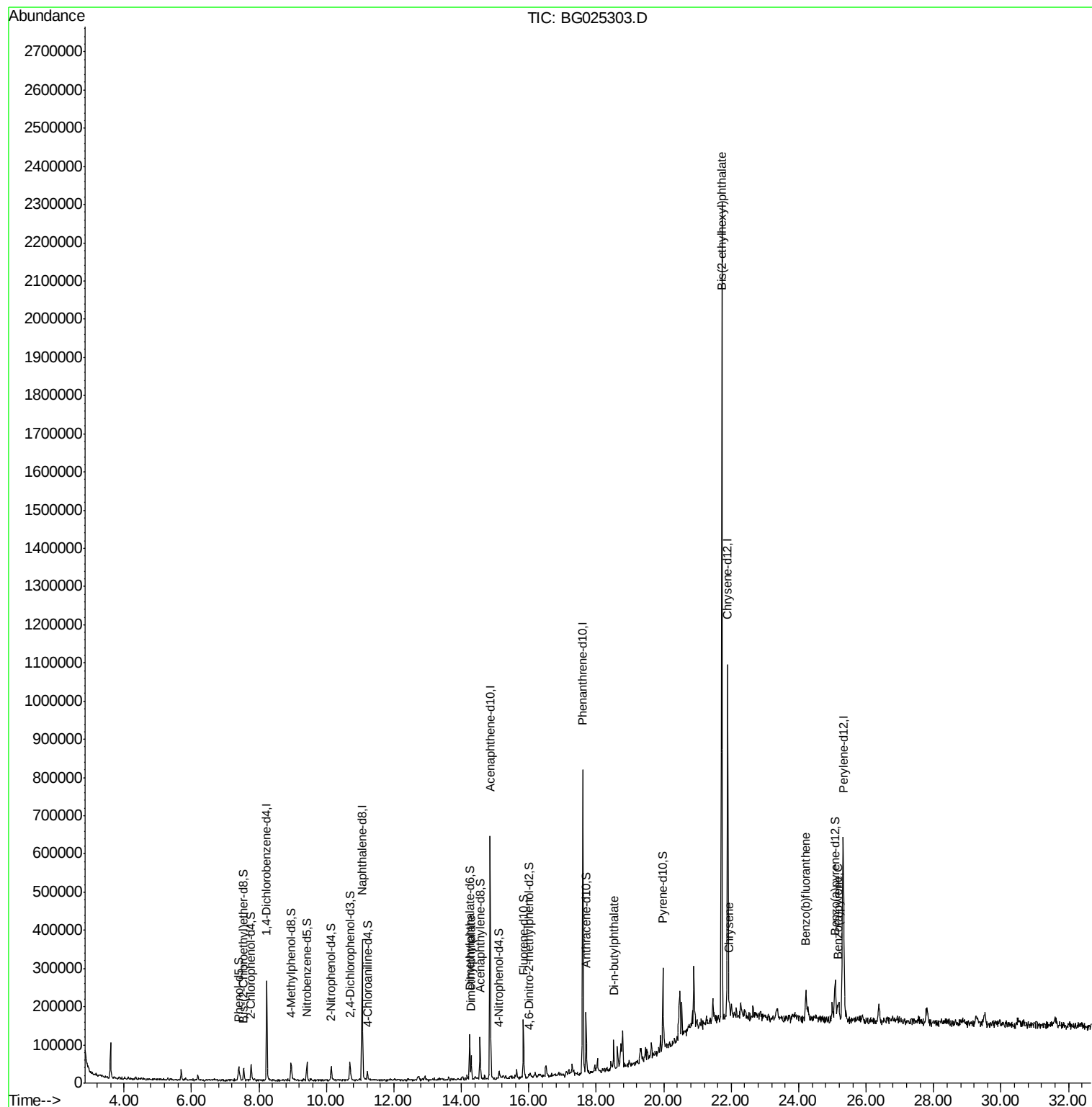
						Ovalue
44) Dimethylphthalate	14.30	163	33256	2.15	ng/ul#	94
73) Di-n-butylphthalate	18.52	149	42293	1.65	ng/ul#	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	891017	55.69	ng/ul	96
82) Chrysene	21.94	228	40622	1.35	ng/ul	99
85) Benzo(b)fluoranthene	24.22	252	57676	1.86	ng/ul	97
88) Benzo(a)pyrene	25.16	252	35772	1.20	ng/ul#	94

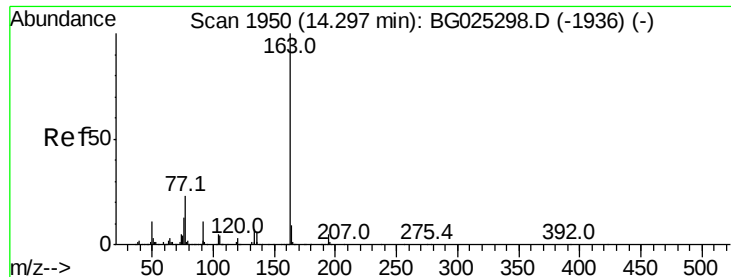
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.15 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG025303.D

Acq: 18 Dec 2016 9:57

Instrument :

BNA_G

ClientSampleId :

DA809DL

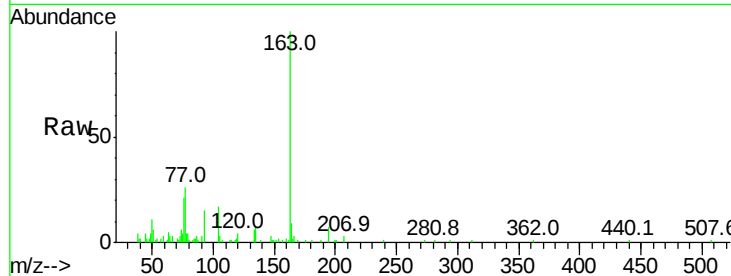
Tot Ion:163 Resp: 33256

Ion Ratio Lower Upper

163 100

194 6.8 3.4 5.0#

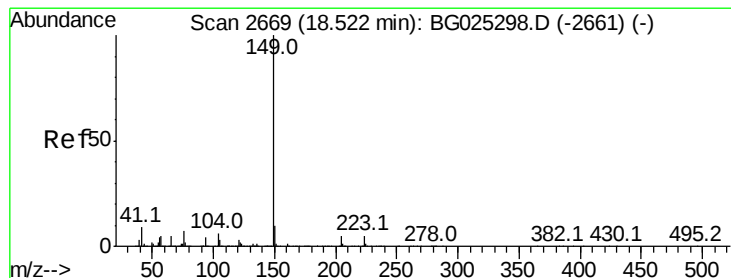
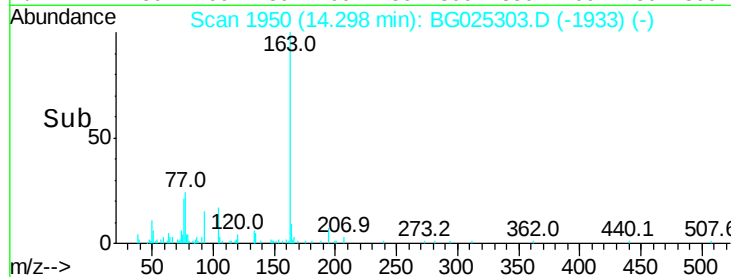
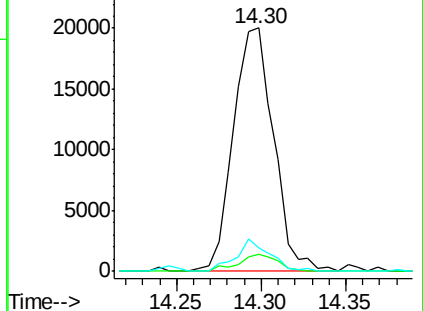
164 9.4 9.0 13.4



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



#73

Di-n-butylphthalate

Concen: 1.65 ng/ul

RT: 18.52 min Scan# 2668

Delta R.T. -0.00 min

Lab File: BG025303.D

Acq: 18 Dec 2016 9:57

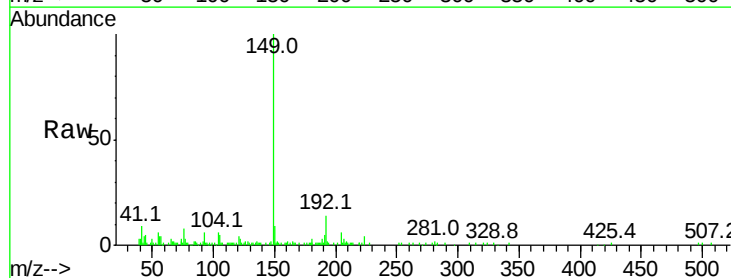
Tgt Ion:149 Resp: 42293

Ion Ratio Lower Upper

149 100

150 9.1 7.9 11.9

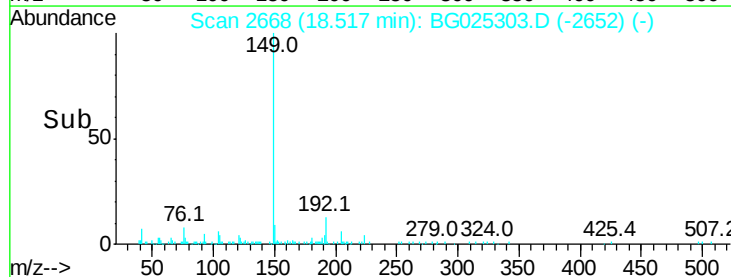
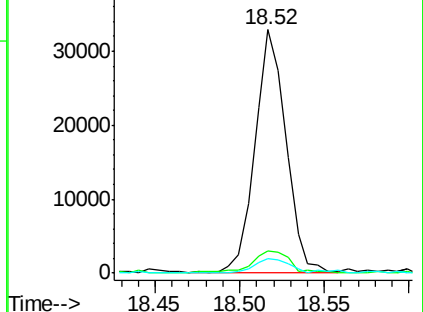
104 5.8 5.8 8.8#

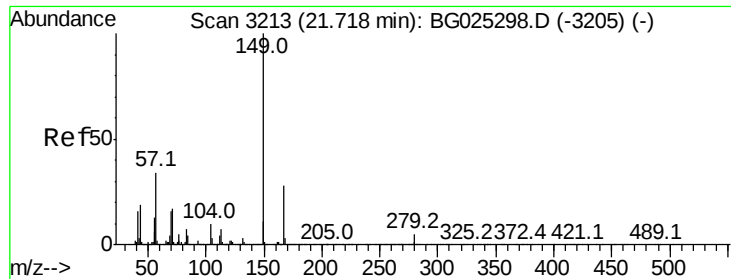


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

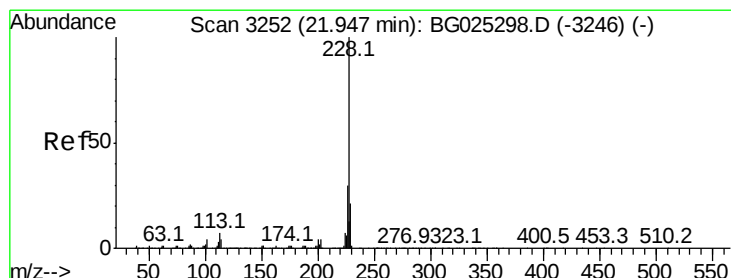
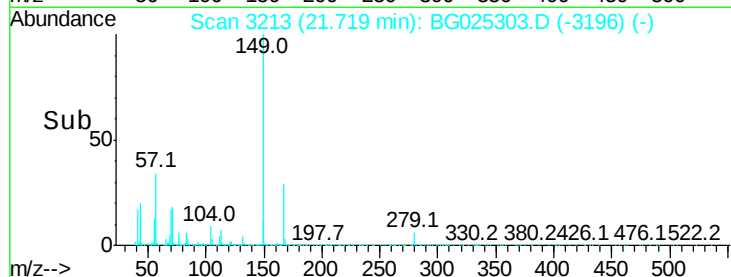
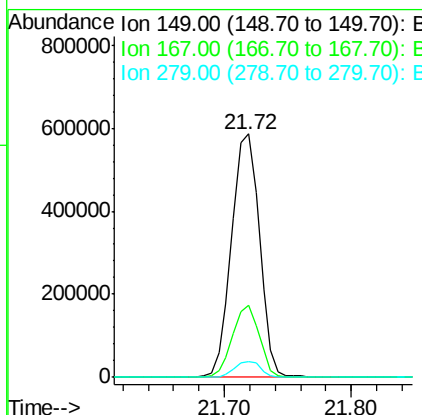
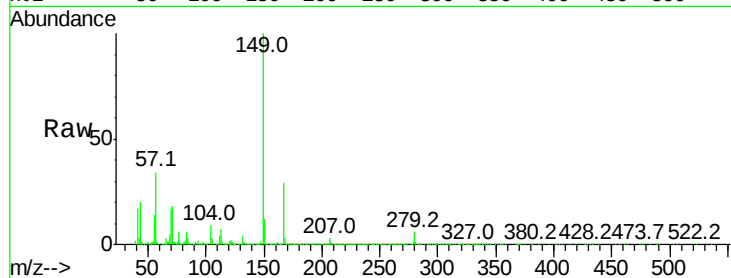




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 55.69 ng/ul
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: BG025303.D
 Acq: 18 Dec 2016 9:57

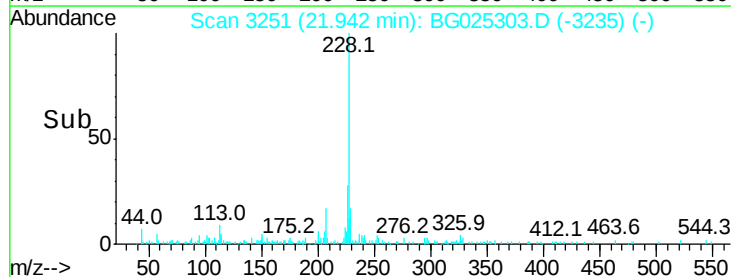
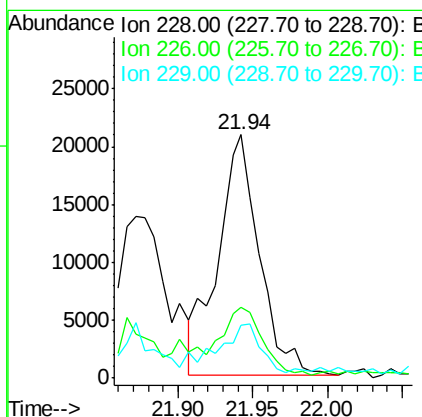
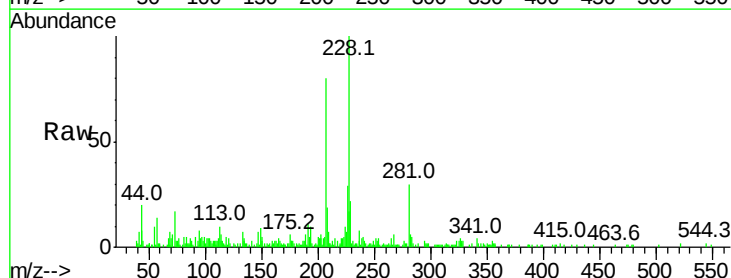
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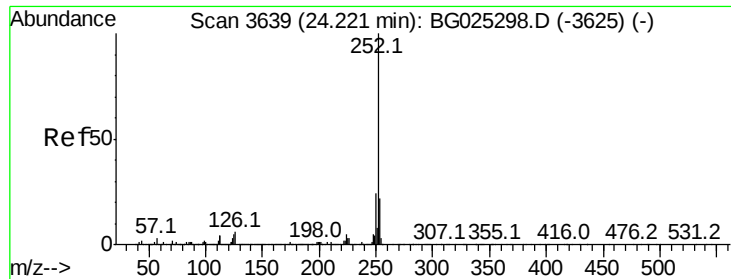
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.8	32.8
279	6.5	4.5	6.7



#82
 Chrysene
 Concen: 1.35 ng/ul
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.00 min
 Lab File: BG025303.D
 Acq: 18 Dec 2016 9:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.9	16.9	25.3

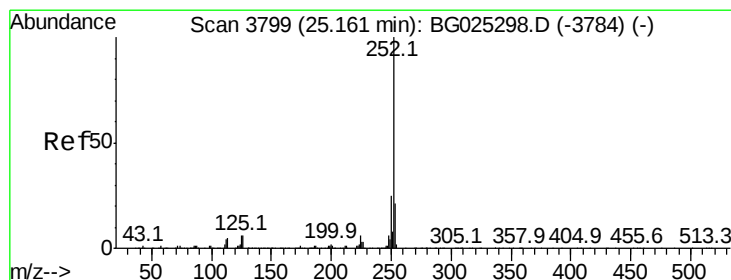
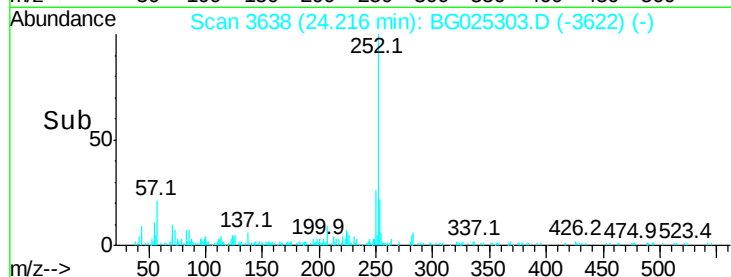
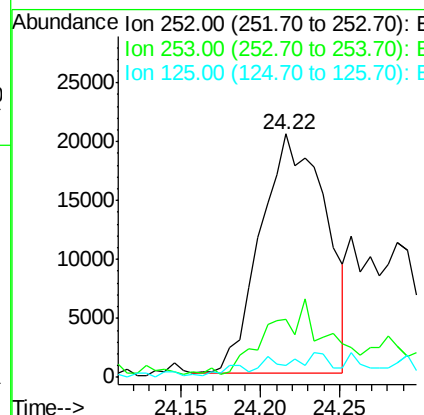
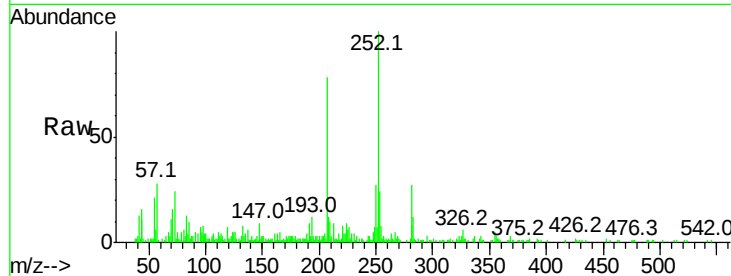




#85
Benzo(b)fluoranthene
Concen: 1.86 ng/ul
RT: 24.22 min Scan# 3638
Delta R.T. -0.00 min
Lab File: BG025303.D
Acq: 18 Dec 2016 9:57

Instrument :
BNA_G
ClientSampled :
DA809DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	5.1	4.0	6.0



#88
Benzo(a)pyrene
Concen: 1.20 ng/ul
RT: 25.16 min Scan# 3798
Delta R.T. -0.00 min
Lab File: BG025303.D
Acq: 18 Dec 2016 9:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	8.8	5.4	8.0

