

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024926.D
 Acq On : 24 Nov 2016 3:38
 Operator : UM/SJ
 Sample : H5701-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WD7

Quant Time: Nov 24 04:48:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	82773	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	376883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	315211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	706400	20.00	ng/ul	0.10
75) Chrysene-d12	21.90	240	923914	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	980713	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	4524	2.59	ng/uL	0.00
5) Phenol-d5	7.39	99	144156	18.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	88846	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	92094	17.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	113063	17.16	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	57990	19.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	69425	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	125206	17.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	108882	14.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	439276	18.95	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	515623	20.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	69761	17.11	ng/ul	0.00
57) Fluorene-d10	15.85	176	424270	19.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	79092	15.77	ng/ul	0.00
70) Anthracene-d10	17.71	188	705721	21.96	ng/ul	0.00
76) Pyrene-d10	19.98	212	968966	23.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1009579	23.15	ng/ul	0.00

Target Compounds

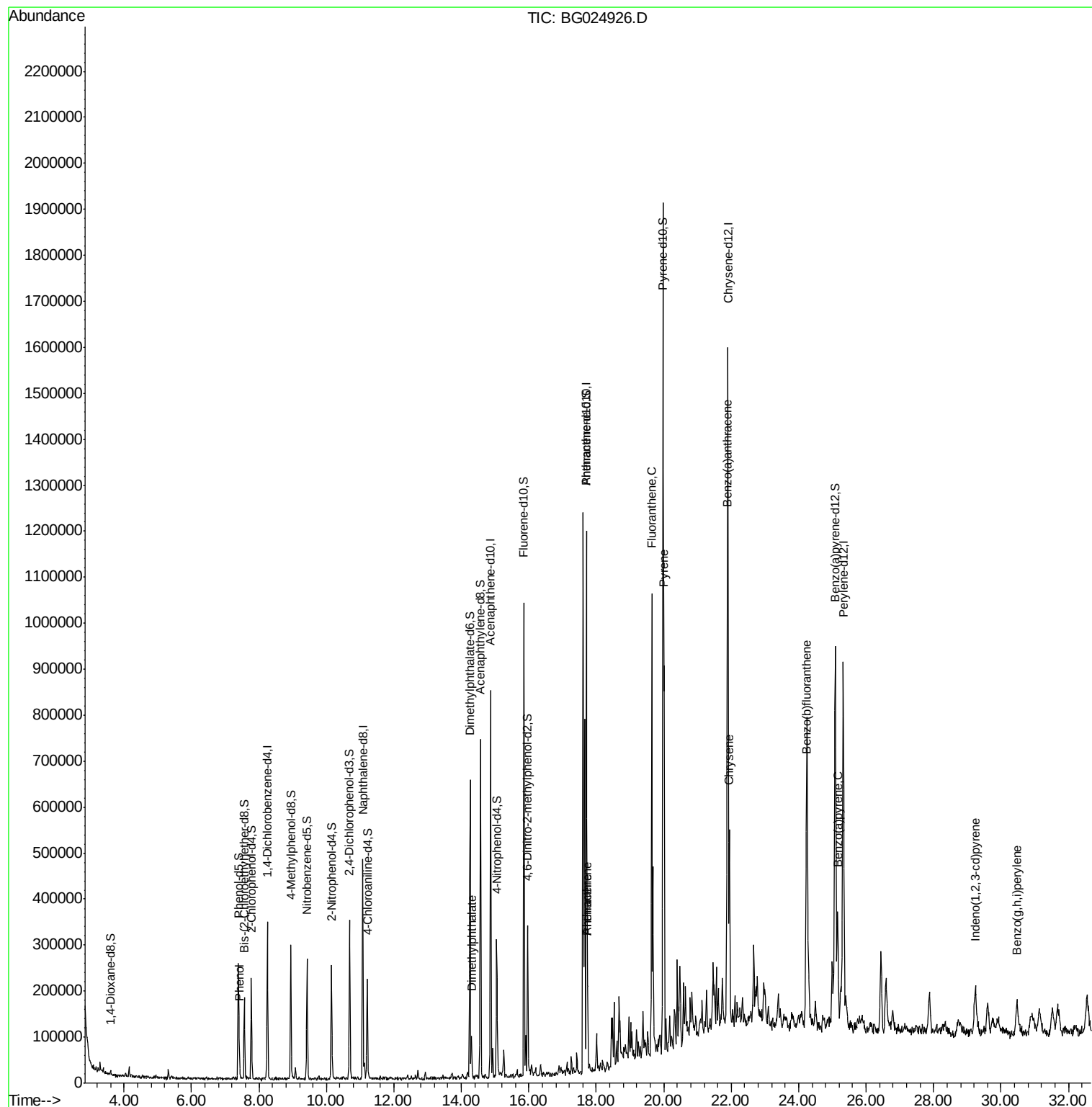
						Qvalue
6) Phenol	7.42	94	28703	3.64	ng/ul	89
44) Dimethylphthalate	14.30	163	57418	2.53	ng/ul#	89
69) Phenanthrene	17.74	178	126130	3.47	ng/ul	96
71) Anthracene	17.74	178	121048	3.24	ng/ul	96
74) Fluoranthene	19.65	202	670364	15.99	ng/ul	97
77) Pyrene	20.01	202	578189	12.07	ng/ul	97
80) Benzo(a)anthracene	21.88	228	370175	7.29	ng/ul	95
82) Chrysene	21.95	228	328825	6.87	ng/ul	96
85) Benzo(b)fluoranthene	24.22	252	413152	7.90	ng/ul#	96
88) Benzo(a)pyrene	25.16	252	291057	5.72	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.23	276	184542	2.96	ng/ul#	91
91) Benzo(g,h,i)perylene	30.48	276	151317	2.95	ng/ul#	88

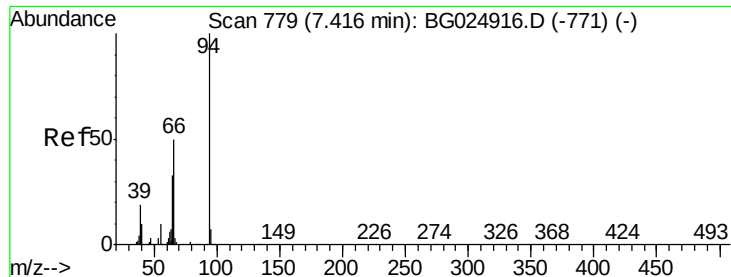
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.64 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

Instrument :

BNA_G

ClientSampleId :

A4WD7

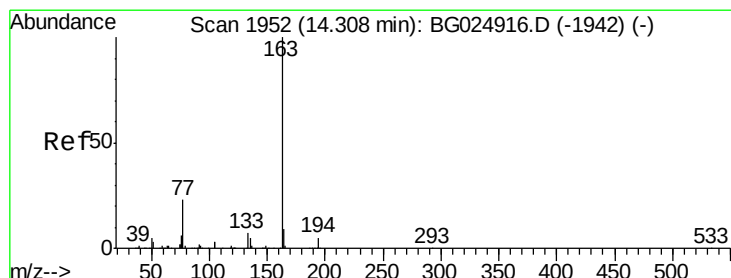
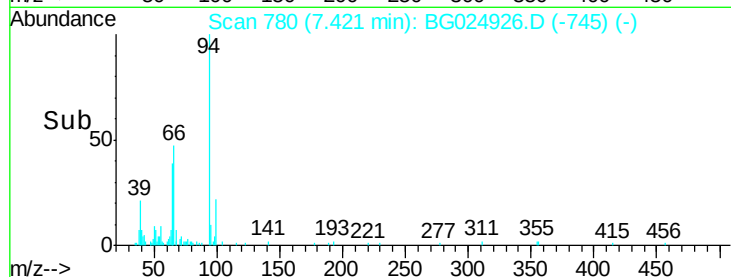
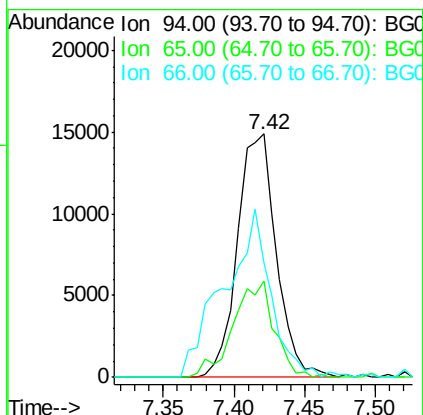
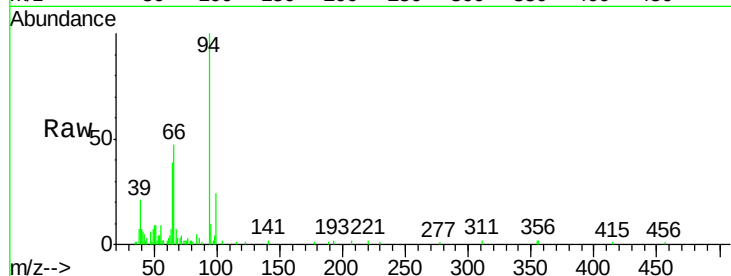
Tgt Ion: 94 Resp: 28703

Ion Ratio Lower Upper

94 100

65 39.5 26.8 40.2

66 47.1 44.4 66.6



#44

Dimethylphthalate

Concen: 2.53 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

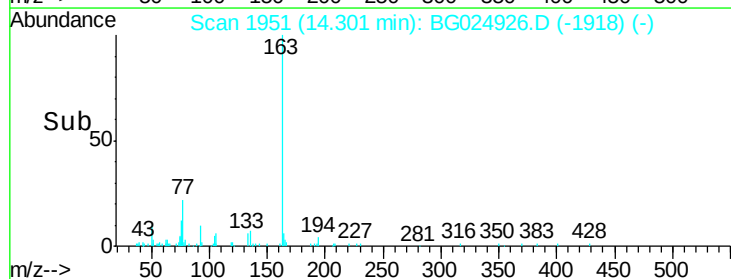
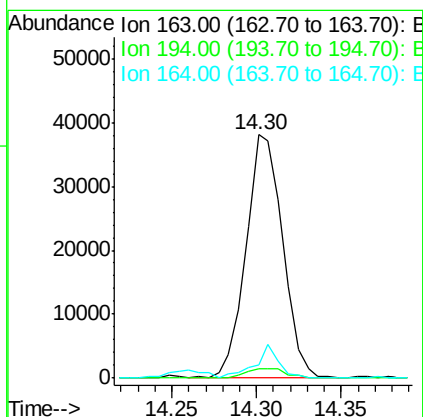
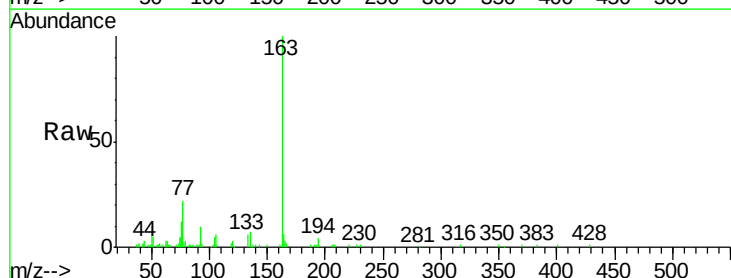
Tgt Ion: 163 Resp: 57418

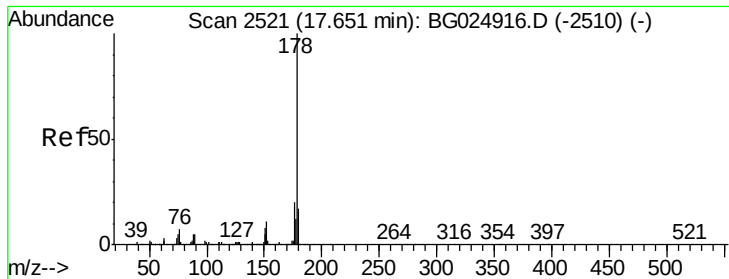
Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

164 5.7 9.0 13.4#





#69

Phenanthrene

Concen: 3.47 ng/ul

RT: 17.74 min Scan# 2537

Delta R.T. 0.09 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

Instrument :

BNA_G

ClientSampleId :

A4WD7

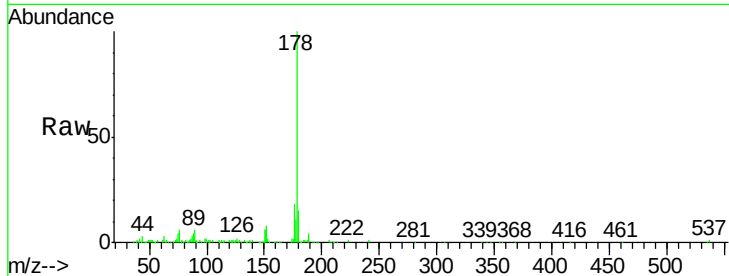
Tgt Ion:178 Resp: 126130

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

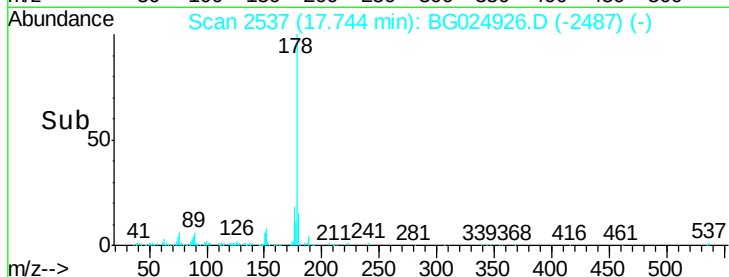
176 17.8 16.5 24.7



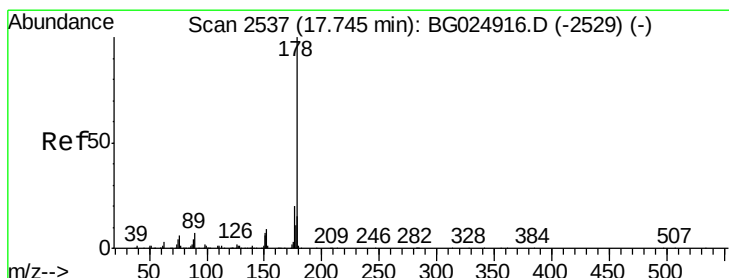
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 3.24 ng/ul

RT: 17.74 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

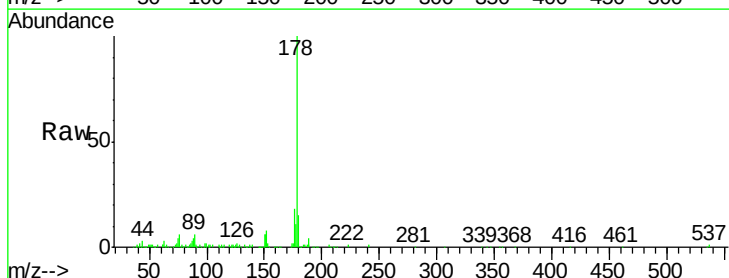
Tgt Ion:178 Resp: 121048

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

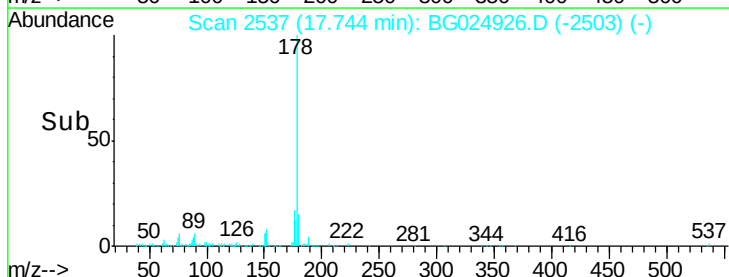
176 17.8 15.9 23.9



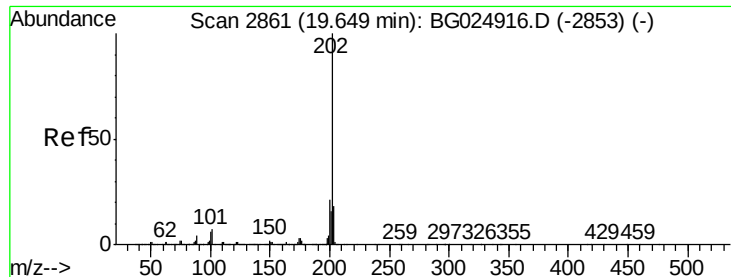
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



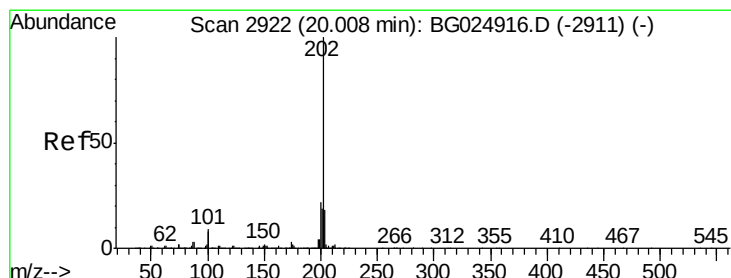
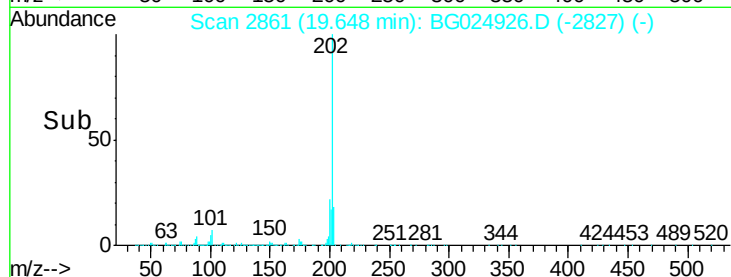
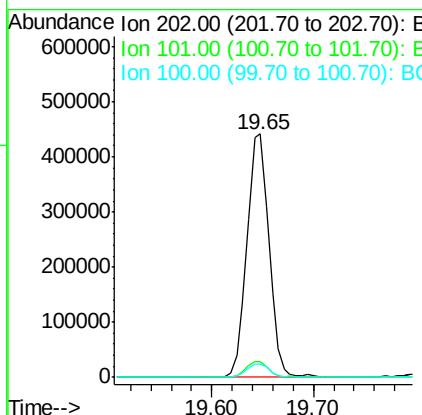
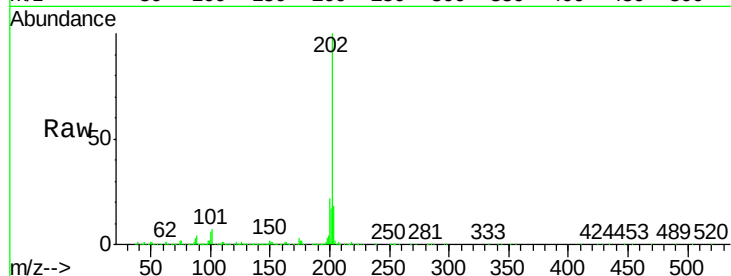
Time-->



#74
Fluoranthene
Concen: 15.99 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG024926.D
Acq: 24 Nov 2016 3:38

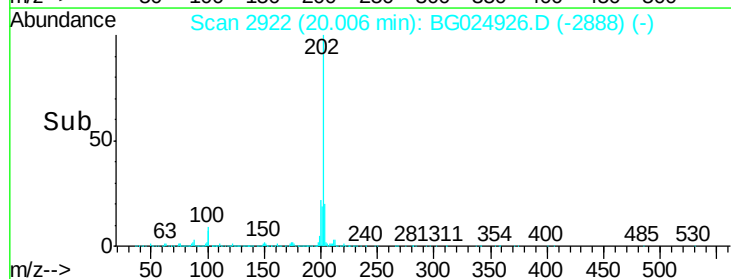
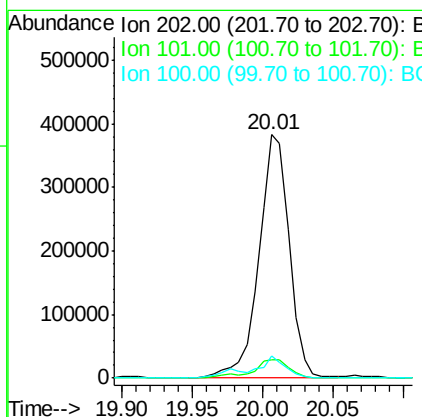
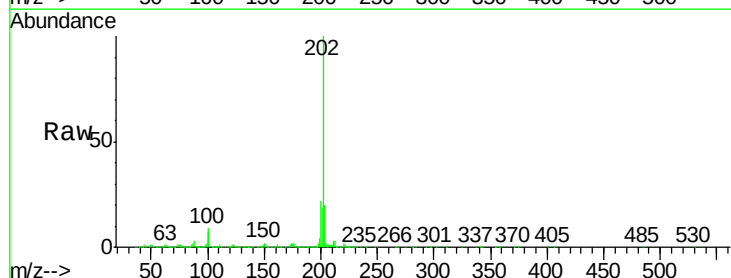
Instrument :
BNA_G
ClientSampleId :
A4WD7

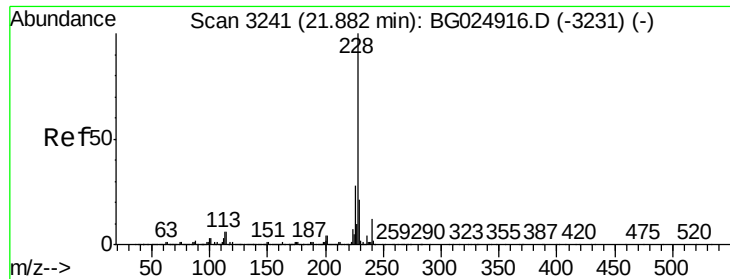
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.2	9.2
100	5.6	5.2	7.8



#77
Pyrene
Concen: 12.07 ng/ul
RT: 20.01 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BG024926.D
Acq: 24 Nov 2016 3:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.9	10.3
100	9.2	6.6	10.0





#80

Benzo(a)anthracene

Concen: 7.29 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

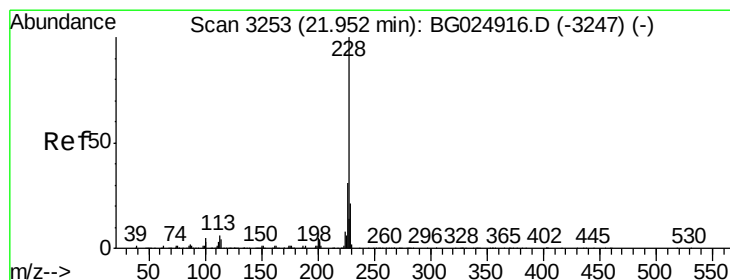
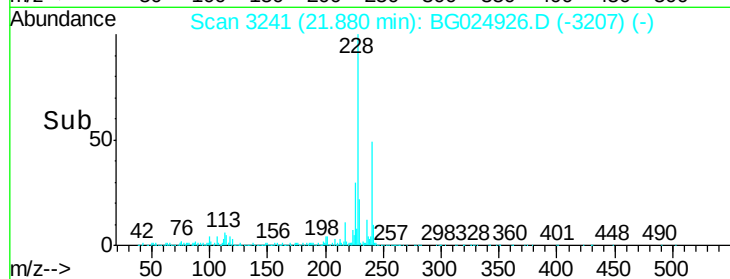
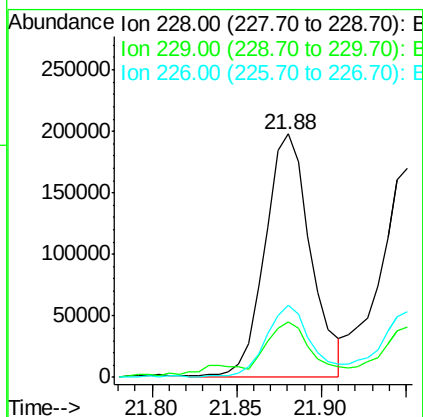
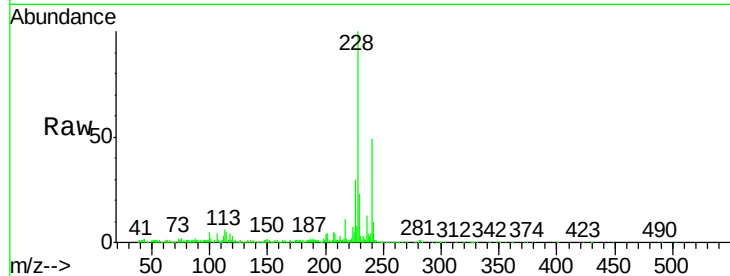
Instrument :

BNA_G

ClientSampleId :

A4WD7

Tgt Ion:	228	Resp:	370175
Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.3	24.5
226	29.8	21.9	32.9



#82

Chrysene

Concen: 6.87 ng/ul

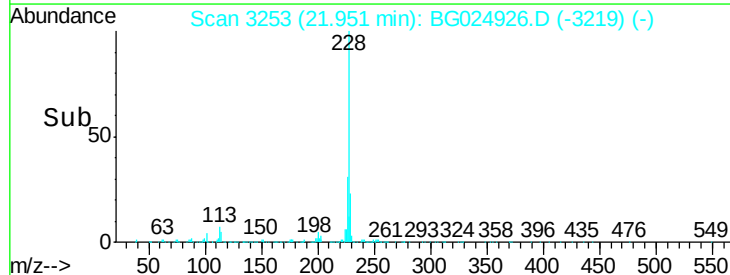
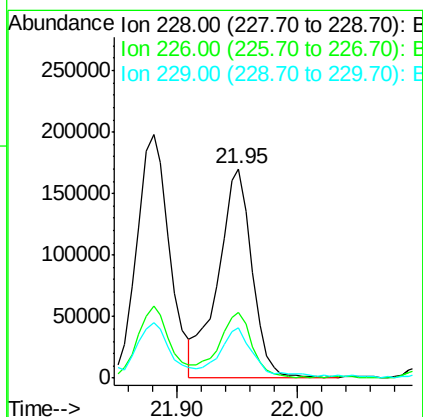
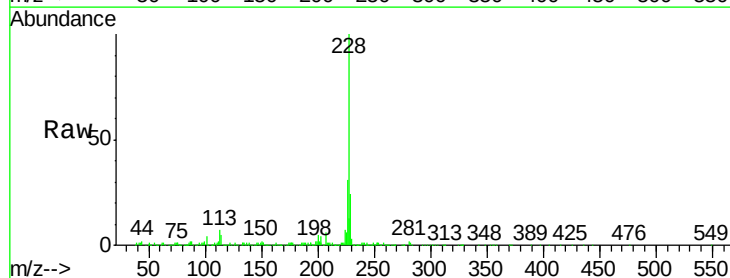
RT: 21.95 min Scan# 3253

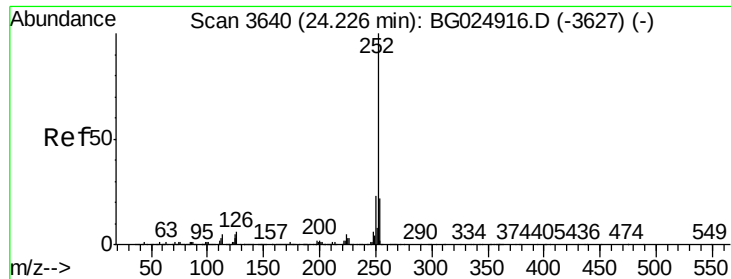
Delta R.T. -0.00 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

Tgt Ion:	228	Resp:	328825
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	24.1	16.9	25.3

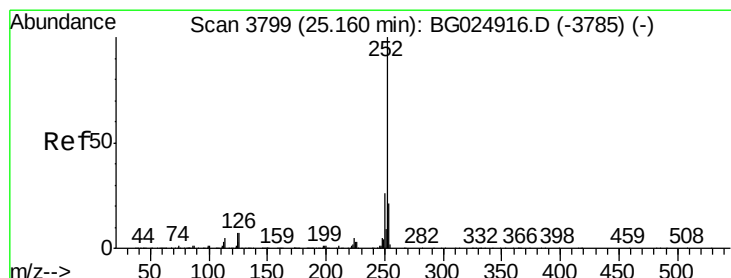
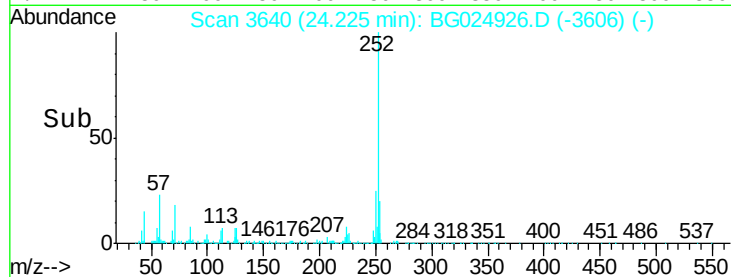
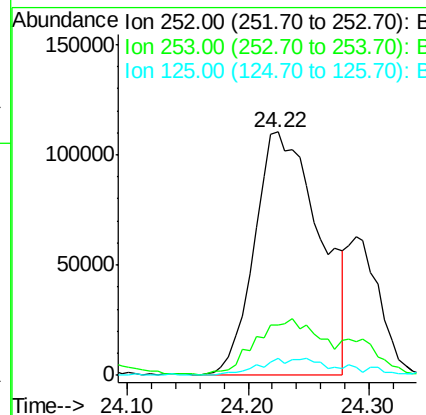
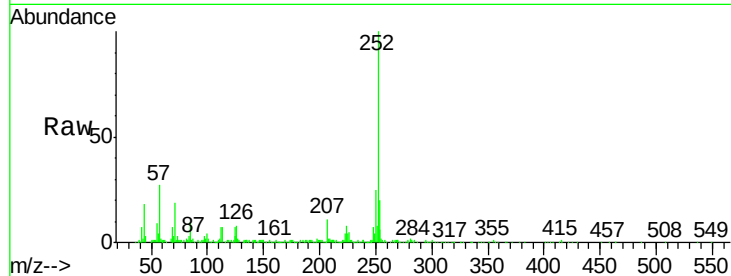




#85
Benzo(b)fluoranthene
Concen: 7.90 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. -0.00 min
Lab File: BG024926.D
Acq: 24 Nov 2016 3:38

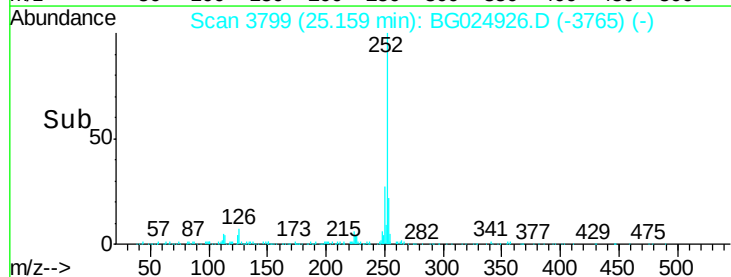
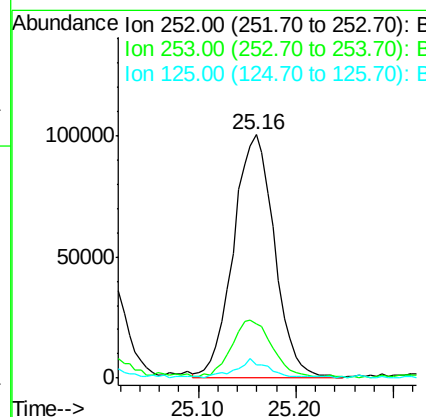
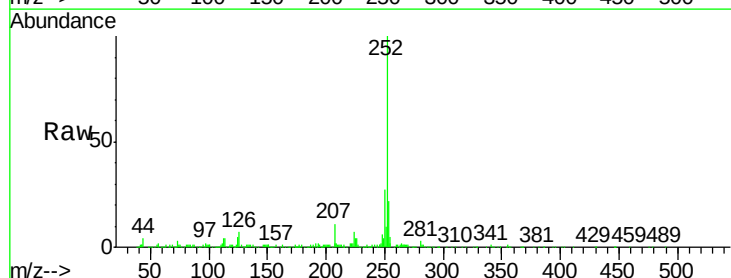
Instrument :
BNA_G
ClientSampled :
A4WD7

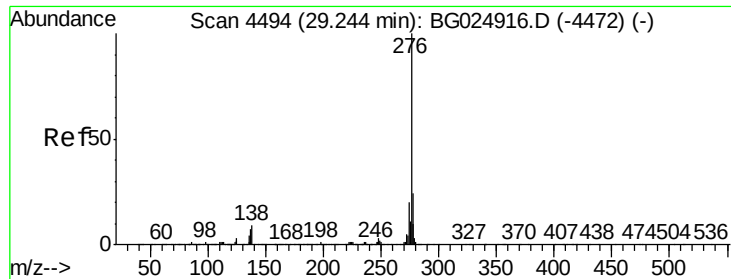
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.7	26.5
125	7.2	4.0	6.0



#88
Benzo(a)pyrene
Concen: 5.72 ng/ul
RT: 25.16 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG024926.D
Acq: 24 Nov 2016 3:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	5.4	5.4	8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.96 ng/ul

RT: 29.23 min Scan# 4492

Delta R.T. -0.01 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

Instrument :

BNA_G

ClientSampleId :

A4WD7

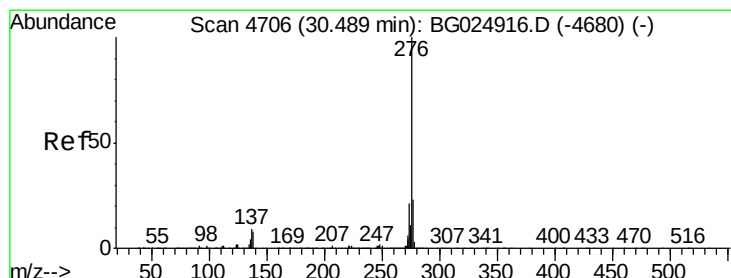
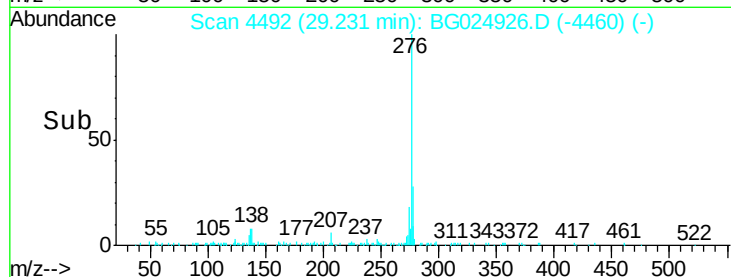
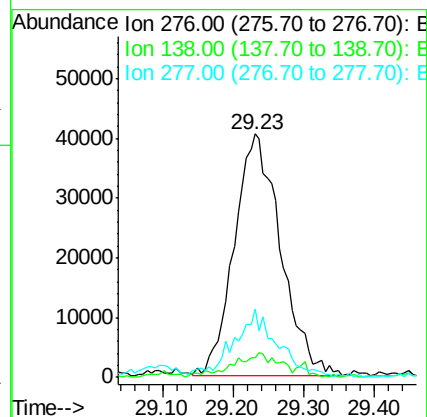
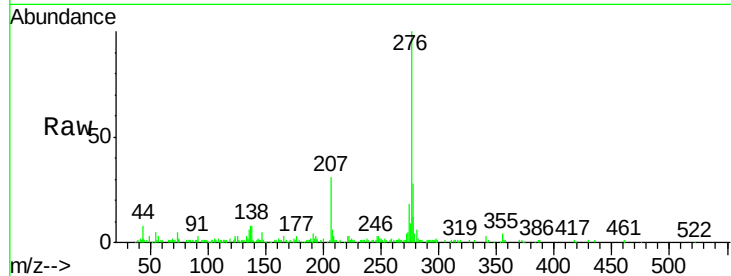
Tgt Ion:276 Resp: 184542

Ion Ratio Lower Upper

276 100

138 7.8 8.2 12.4#

277 28.1 18.6 28.0#



#91

Benzo(g,h,i)perylene

Concen: 2.95 ng/ul

RT: 30.48 min Scan# 4704

Delta R.T. -0.01 min

Lab File: BG024926.D

Acq: 24 Nov 2016 3:38

Tgt Ion:276 Resp: 151317

Ion Ratio Lower Upper

276 100

138 8.3 8.6 12.8#

277 29.1 17.6 26.4#

