

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021948.D
 Acq On : 19 May 2016 1:17
 Operator : UM/SJ
 Sample : H3092-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XD1

Quant Time: May 19 03:10:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	29274	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	155006	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	91633	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	188464	20.00	ng/ul	0.00
29) Chrysene-d12	21.80	240	164419	20.00	ng/ul	-0.01
34) Perylene-d12	25.13	264	152099	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2327	3.65	ng/uL	0.00
3) Phenol-d5	7.31	99	35666	13.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	23018	16.72	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	34438	16.23	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	17823	7.74	ng/ul	0.00
8) Nitrobenzene-d5	9.34	128	18828	17.31	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	19941	17.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	33858	16.51	ng/ul	0.00
12) 4-Chloroaniline-d4	11.24	131	350	0.22	ng/ul	0.12
16) Dimethylphthalate-d6	14.18	166	129869	18.38	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	176506	19.40	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	2194	1.77	ng/ul	0.02
21) Fluorene-d10	15.77	176	117474	18.47	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	10918	11.67	ng/ul	0.00
26) Anthracene-d10	17.63	188	160013	18.43	ng/ul	0.00
30) Pyrene-d10	19.90	212	169220	19.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	128193	18.98	ng/ul	0.00

Target Compounds

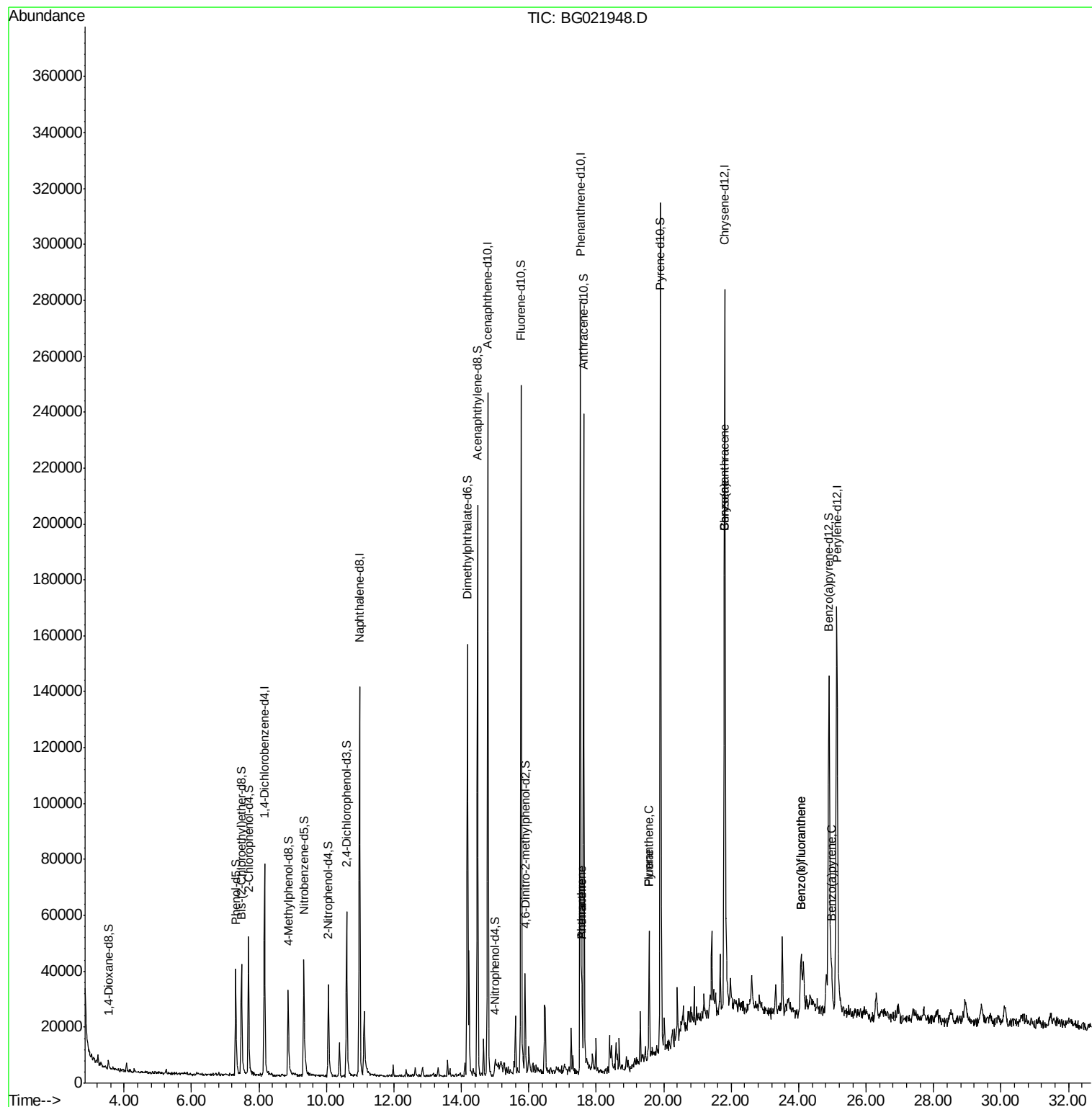
					Ovalue
25) Phenanthrene	17.57	178	17126	1.70 ng/ul	95
27) Anthracene	17.57	178	17126	1.69 ng/ul	95
28) Fluoranthene	19.56	202	29660	2.83 ng/ul	96
31) Pyrene	19.56	202	29660	2.62 ng/ul	97
32) Benzo(a)anthracene	21.79	228	16617	1.82 ng/ul	94
33) Chrysene	21.79	228	16617	1.87 ng/ul	96
35) Benzo(b)fluoranthene	24.07	252	27917	3.19 ng/ul#	91
36) Benzo(k)fluoranthene	24.07	252	27917	3.25 ng/ul#	91
38) Benzo(a)pyrene	24.98	252	14470	1.73 ng/ul#	91

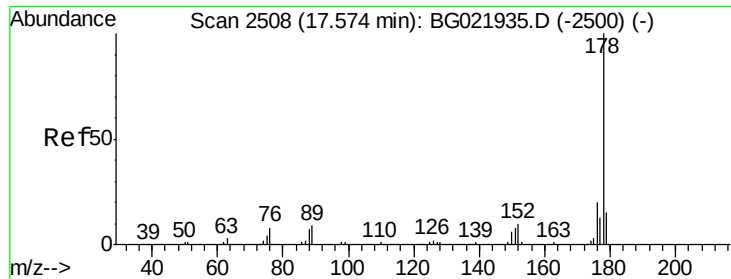
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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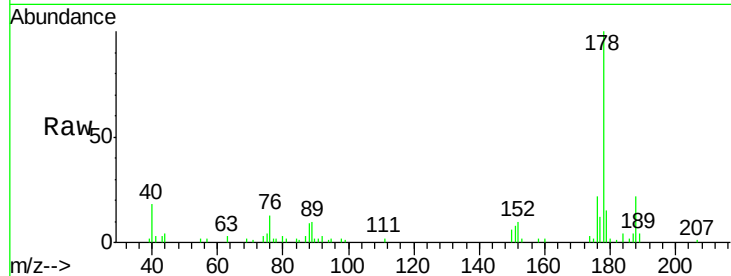




#25
Phenanthrene
Concen: 1.70 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BG021948.D
Acq: 19 May 2016 1:17

Instrument :
BNA_G
ClientSampleID :
D9XD1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	22.1	14.8	22.2

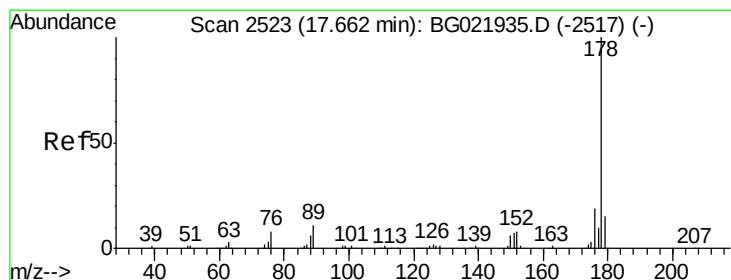
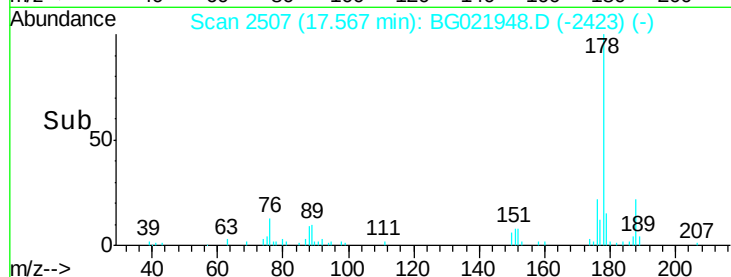
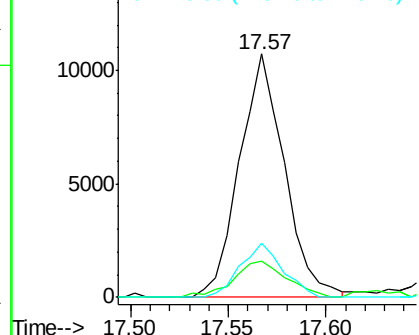


Abundance

Ion 178.00 (177.70 to 178.70): E

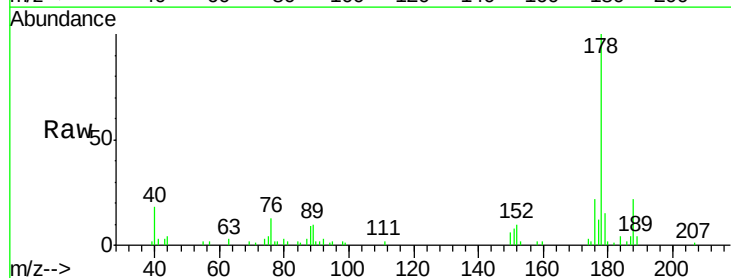
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#27
Anthracene
Concen: 1.69 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.10 min
Lab File: BG021948.D
Acq: 19 May 2016 1:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	22.1	15.6	23.4

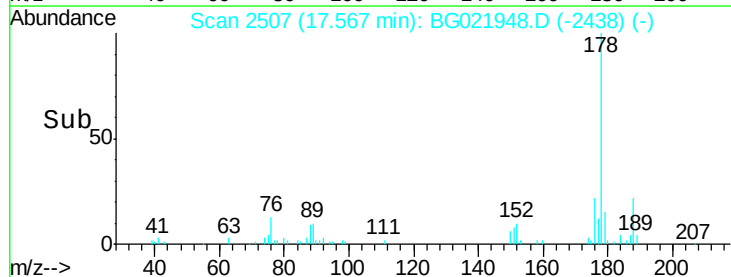
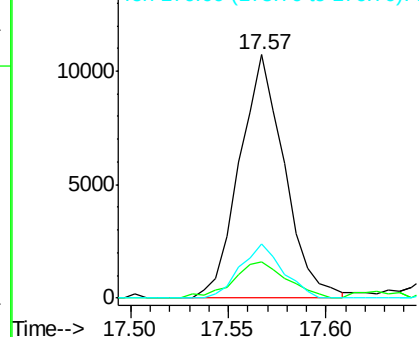


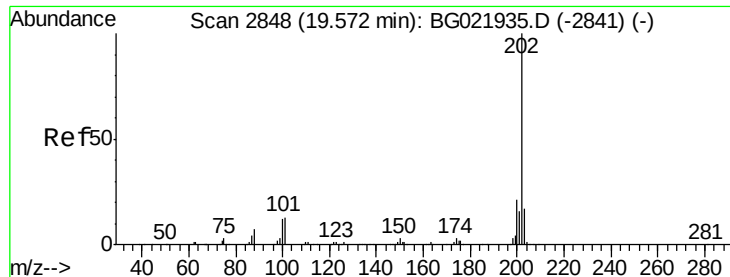
Abundance

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

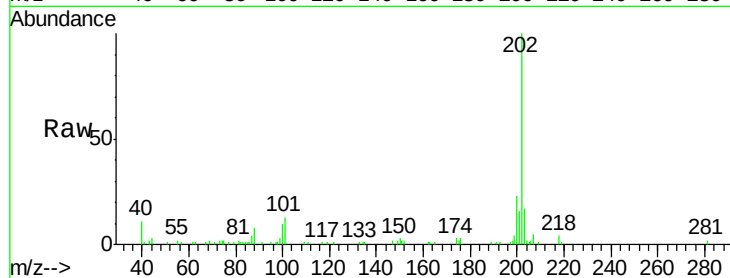




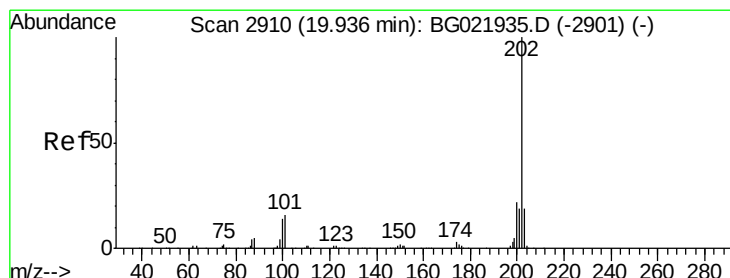
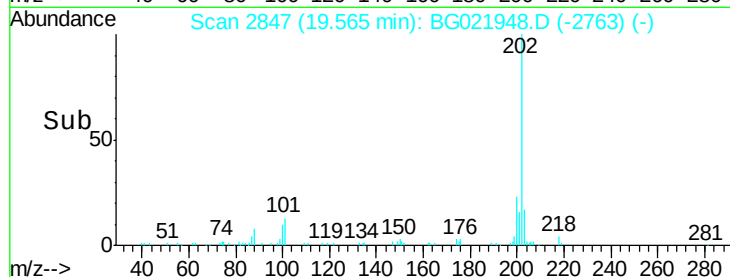
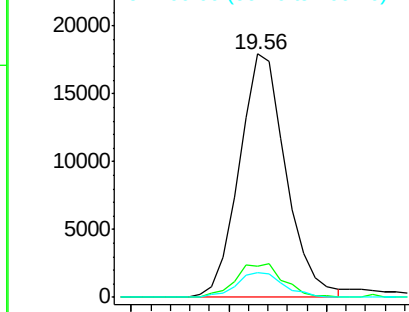
#28
Fluoranthene
Concen: 2.83 ng/ul
RT: 19.56 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG021948.D
Acq: 19 May 2016 1:17

Instrument :
BNA_G
ClientSampleID :
D9XD1

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.9	13.3
100	10.0	7.0	10.4

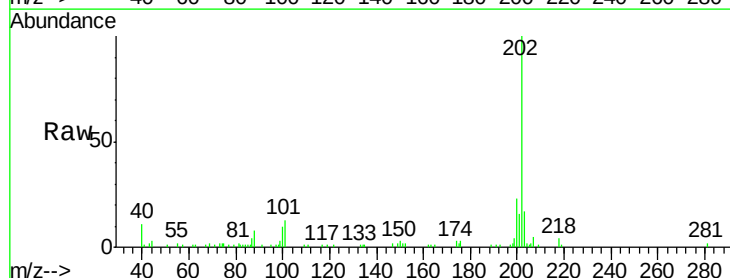


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

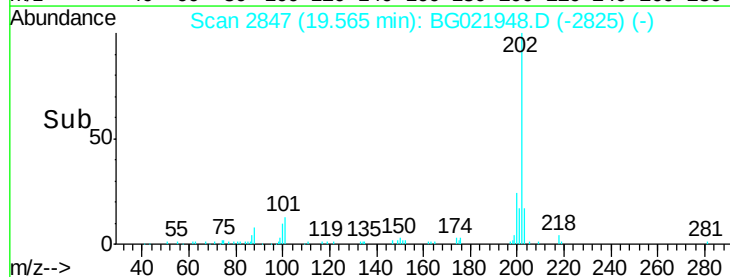
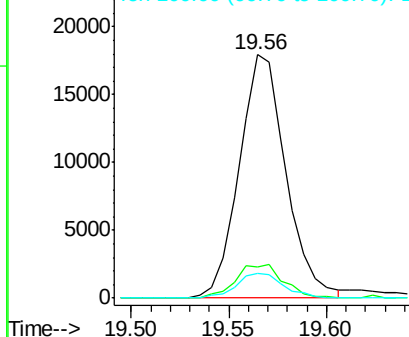


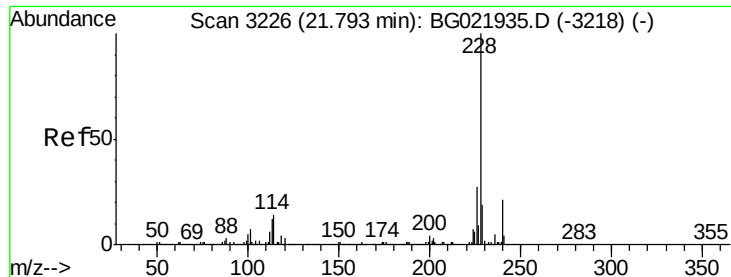
#31
Pyrene
Concen: 2.62 ng/ul
RT: 19.56 min Scan# 2847
Delta R.T. -0.37 min
Lab File: BG021948.D
Acq: 19 May 2016 1:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.0	9.3	13.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.82 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG021948.D

Acq: 19 May 2016 1:17

Instrument :

BNA_G

ClientSampleId :

D9XD1

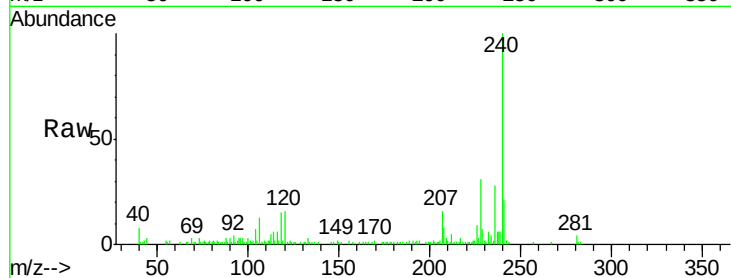
Tot Ion:228 Resp: 16617

Ion Ratio Lower Upper

228 100

229 23.8 16.6 25.0

226 28.9 21.0 31.4

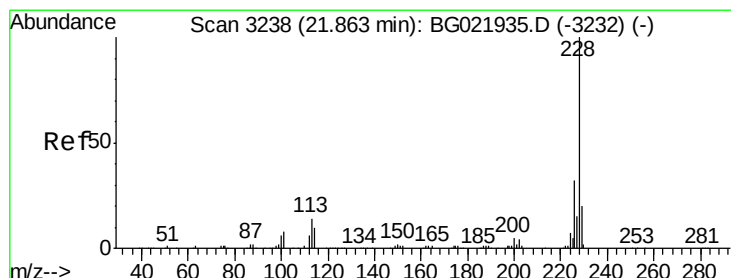
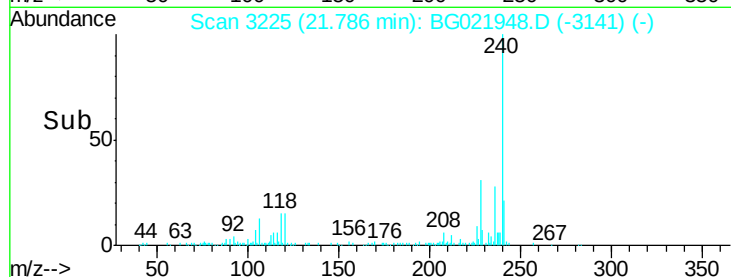
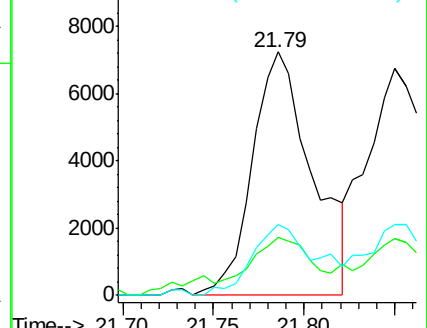


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 1.87 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.08 min

Lab File: BG021948.D

Acq: 19 May 2016 1:17

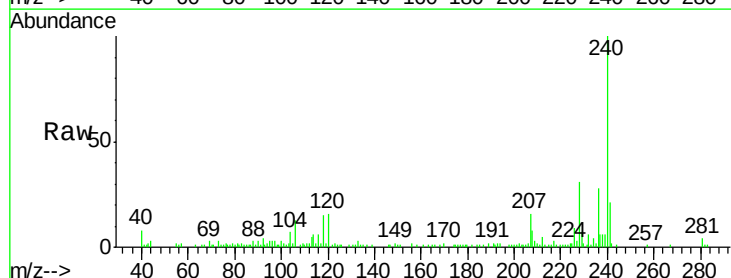
Tgt Ion:228 Resp: 16617

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

229 23.8 16.2 24.2

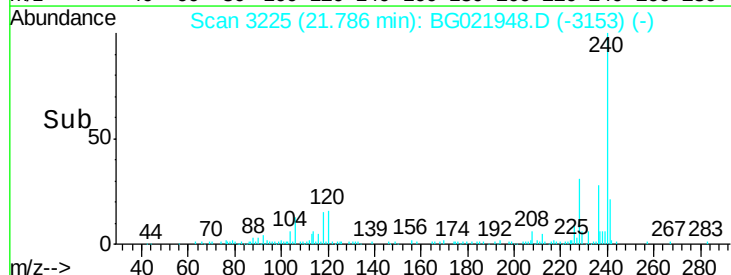
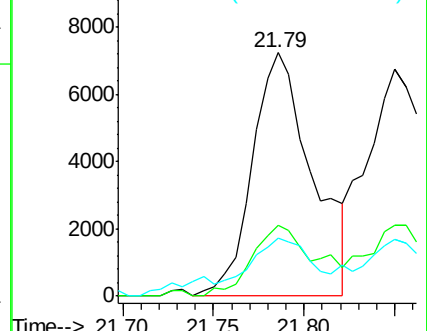


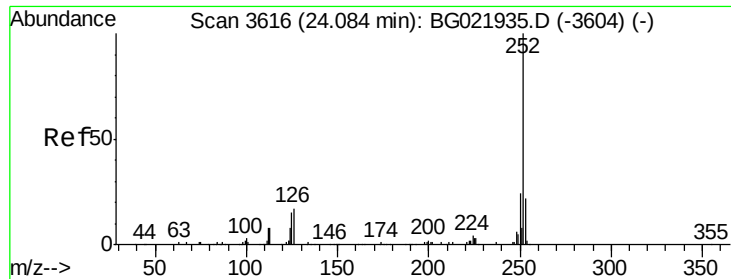
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

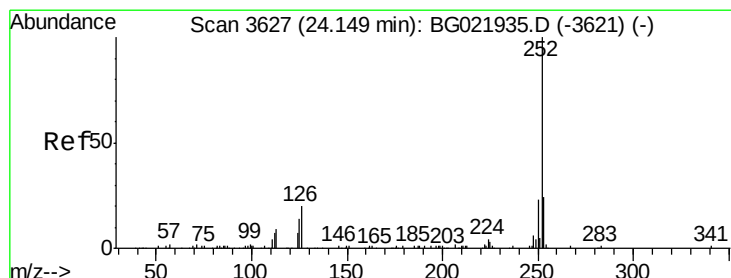
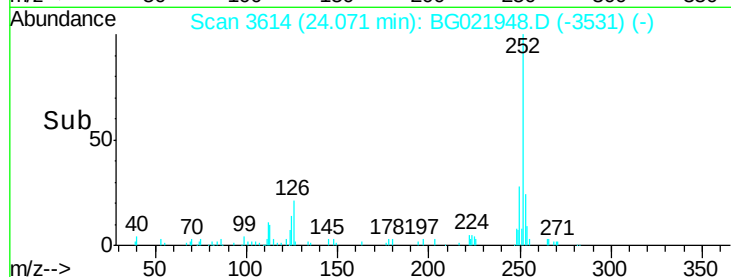
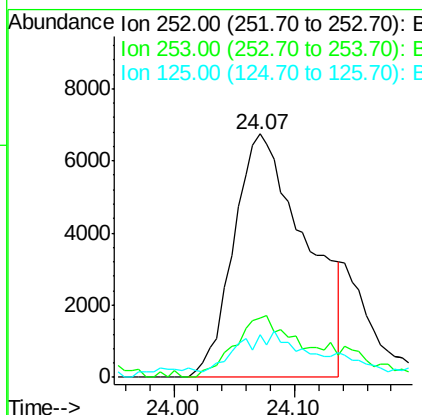
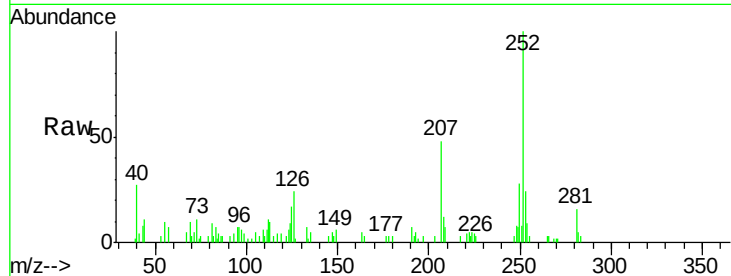




#35
Benzo(b)fluoranthene
Concen: 3.19 ng/ul
RT: 24.07 min Scan# 3614
Delta R.T. -0.01 min
Lab File: BG021948.D
Acq: 19 May 2016 1:17

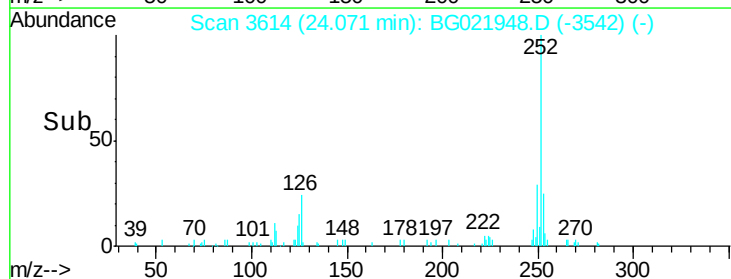
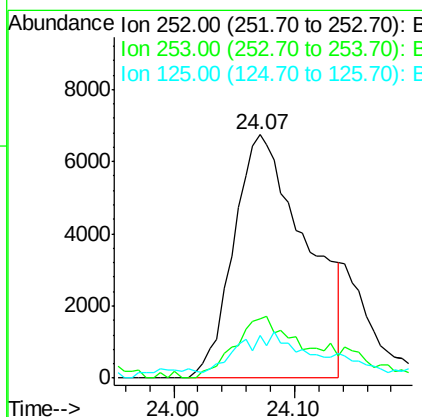
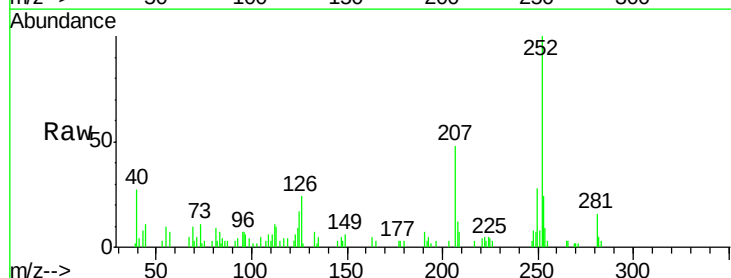
Instrument :
BNA_G
ClientSampleId :
D9XD1

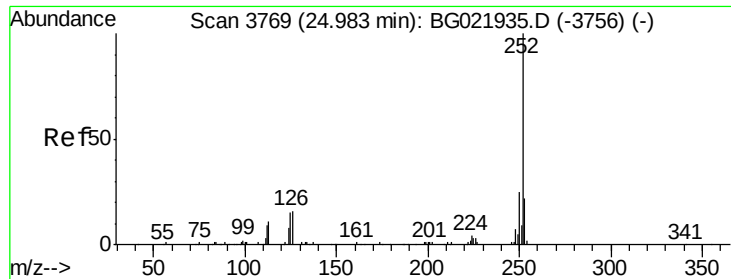
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	17.4	7.6	11.4



#36
Benzo(k)fluoranthene
Concen: 3.25 ng/ul
RT: 24.07 min Scan# 3614
Delta R.T. -0.08 min
Lab File: BG021948.D
Acq: 19 May 2016 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	17.4	7.7	11.5





#38

Benzo(a)pyrene

Concen: 1.73 ng/ul

RT: 24.98 min Scan# 3768

Delta R.T. -0.01 min

Lab File: BG021948.D

Acq: 19 May 2016 1:17

Instrument :

BNA_G

ClientSampleId :

D9XD1

Tot Ion: 252 Resp: 14470

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 17.4 8.2 12.2#

