

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
 Data File : BG021512.D
 Acq On : 25 Mar 2016 13:00
 Operator : UM/SJ
 Sample : H1909-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T46

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:29:48 PM

Quant Time: Mar 26 00:42:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	18121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	85876	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	53045	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	116656	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	132008	20.00	ng/ul	0.01
86) Perylene-d12	24.90	264	128644	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	985	2.44	ng/uL	0.00
5) Phenol-d5	7.34	99	21647	12.64	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	15374	15.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	19117	14.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.85	113	15128	10.31	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	10658	16.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	11651	15.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	19546	14.85	ng/ul	0.01
29) 4-Chloroaniline-d4	11.02	131	23067	13.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	67272	15.23	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	87016	15.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	5750	8.14	ng/ul	0.03
58) Fluorene-d10	15.67	176	61239	15.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	7926	10.28	ng/ul	0.00
71) Anthracene-d10	17.52	188	89652	15.68	ng/ul	0.00
79) Pyrene-d10	19.79	212	101688	16.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	110099	18.54	ng/ul	0.02

Target Compounds

						Ovalue
45) Dimethylphthalate	14.13	163	15577	3.39	ng/ul	98
77) Fluoranthene	19.47	202	13711	1.72	ng/ul#	94
80) Pyrene	19.82	202	12650	1.61	ng/ul#	95
83) Benzo(a)anthracene	21.66	228	8165	1.02	ng/ul#	87
85) Chrysene	21.73	228	8483	1.12	ng/ul#	90
88) Benzo(b)fluoranthene	23.88	252	10941m	1.32	ng/ul	

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

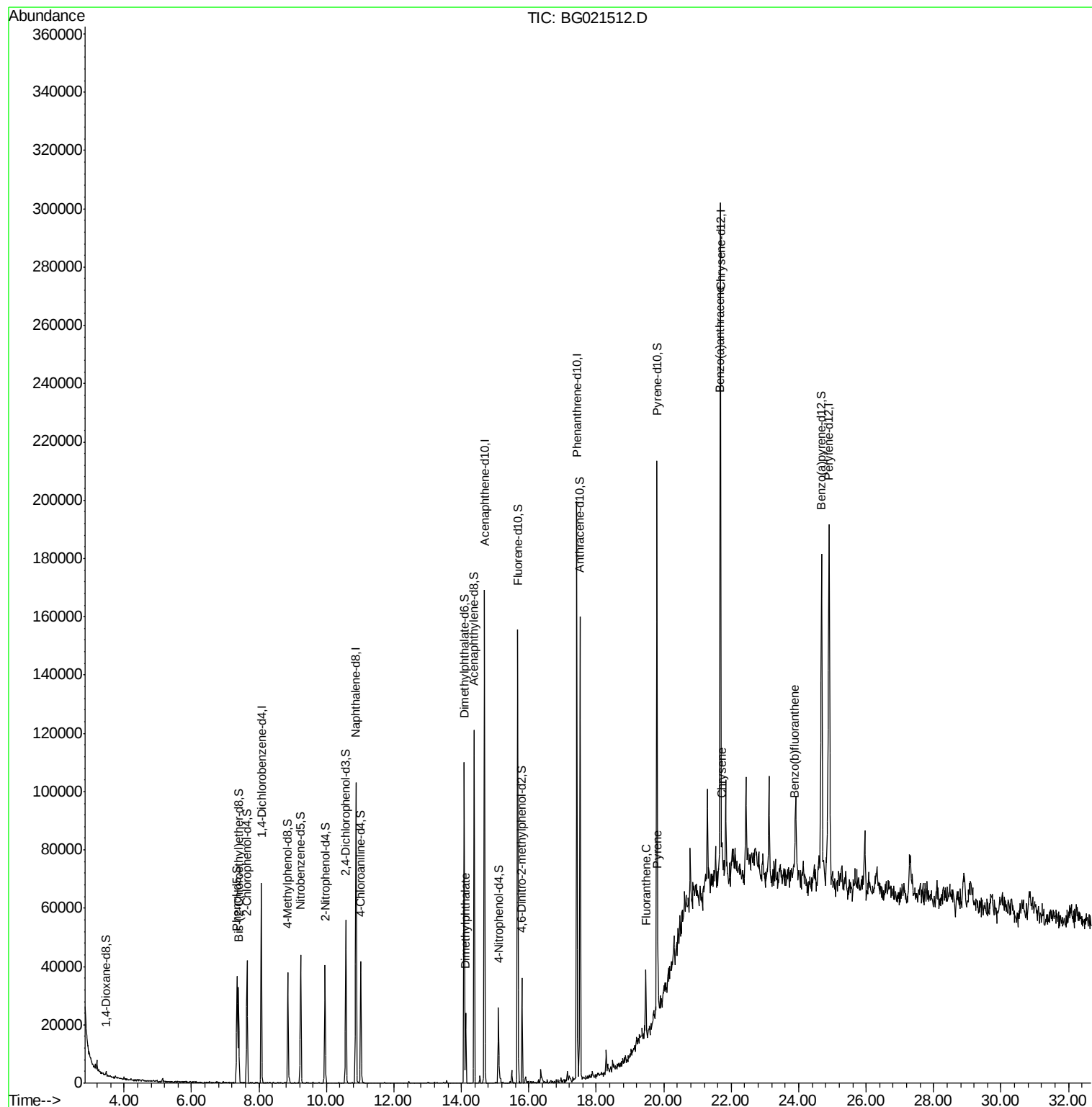
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
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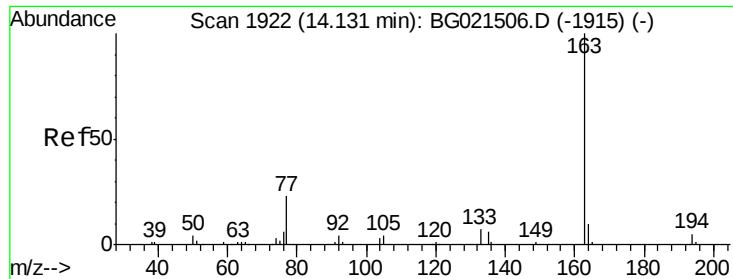
Instrument :
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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.39 ng/ul

RT: 14.13 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG021512.D

Acq: 25 Mar 2016 13:00

Instrument :

BNA_G

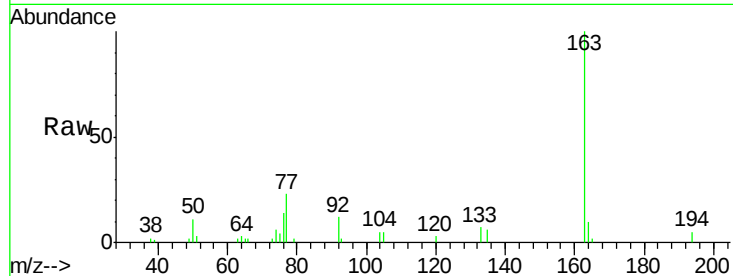
ClientSampled :

A4T46

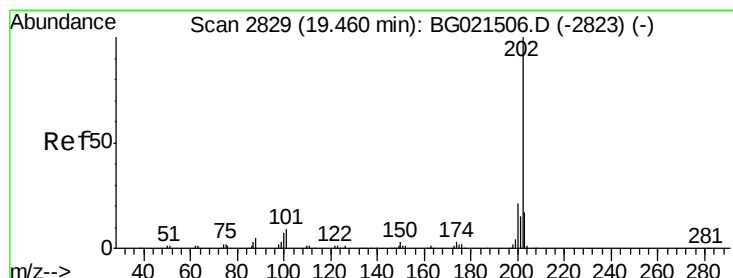
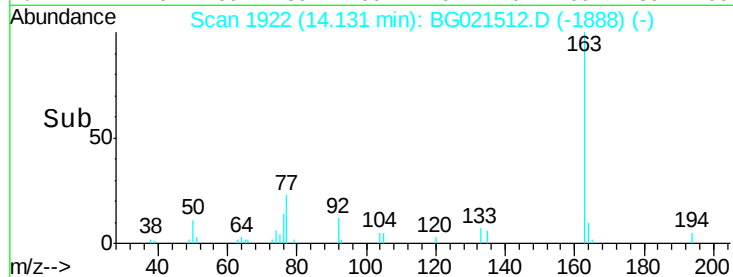
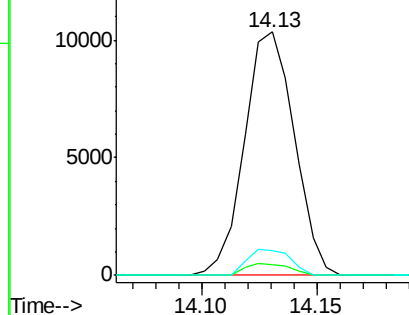
Tot Ion:	163	Resp:	15577
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.9	5.9
164	10.2	8.7	13.1

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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



#77

Fluoranthene

Concen: 1.72 ng/ul

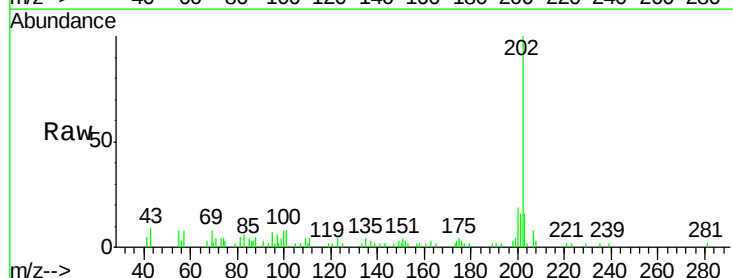
RT: 19.47 min Scan# 2830

Delta R.T. 0.01 min

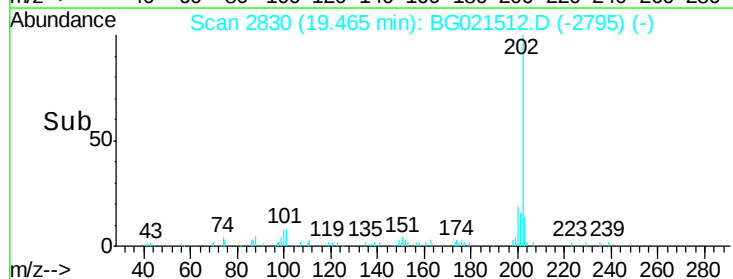
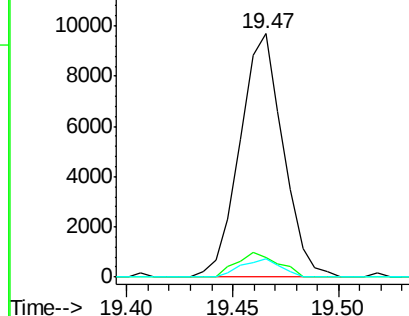
Lab File: BG021512.D

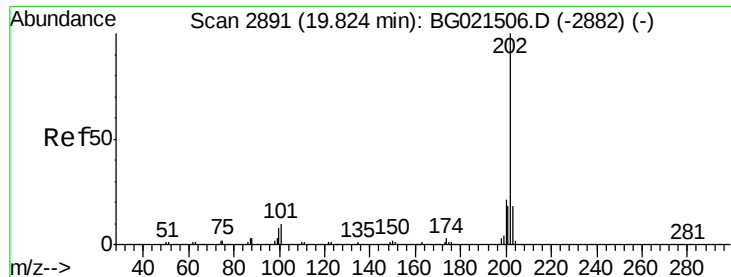
Acq: 25 Mar 2016 13:00

Tgt Ion:	202	Resp:	13711
Ion Ratio	Lower	Upper	
202	100		
101	7.9	8.9	13.3#
100	7.7	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





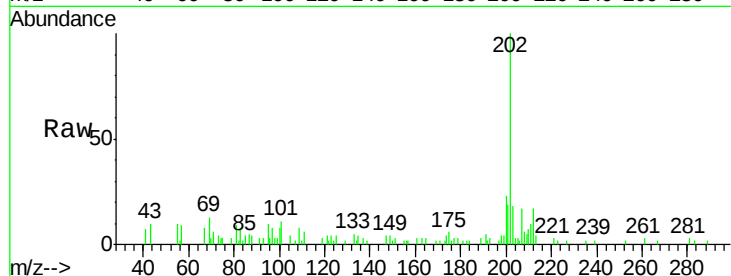
#80
Pvrene
Concen: 1.61 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Instrument :
BNA_G
ClientSampleId :
A4T46

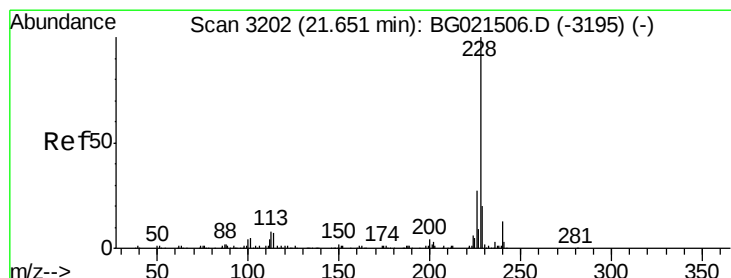
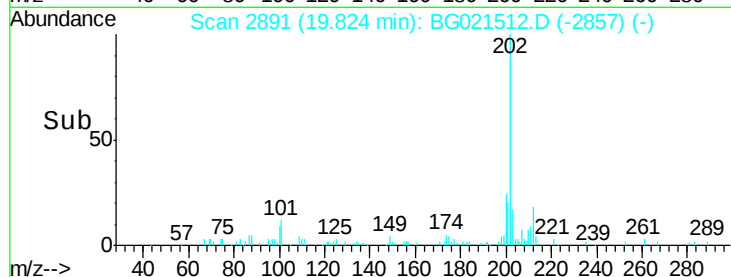
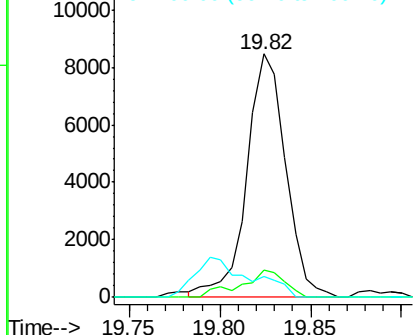
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	9.8	14.8
100	8.5	9.3	13.9

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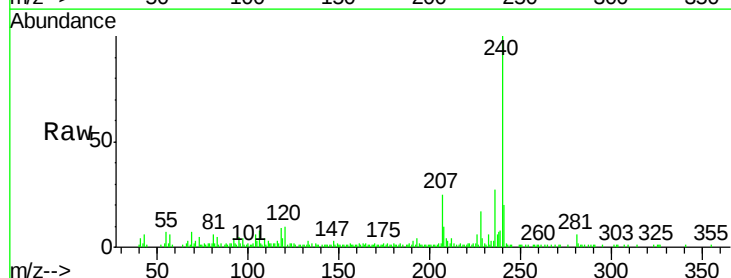


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

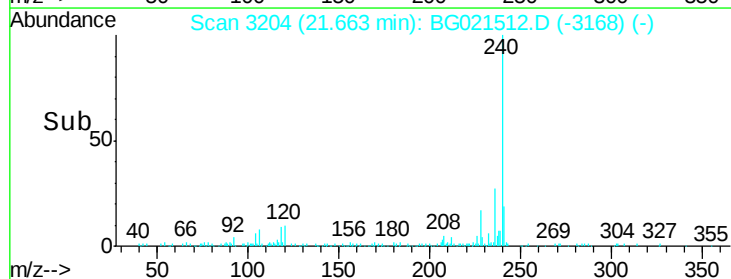
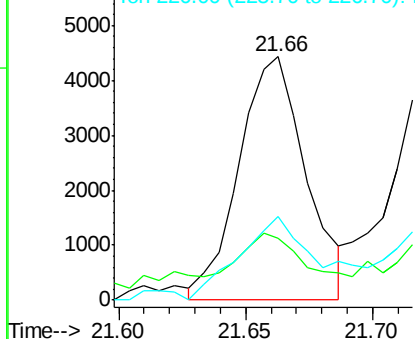


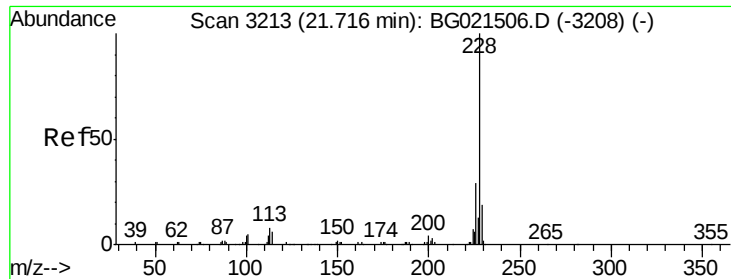
#83
Benzo(a)anthracene
Concen: 1.02 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.5	16.6	25.0
226	34.3	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





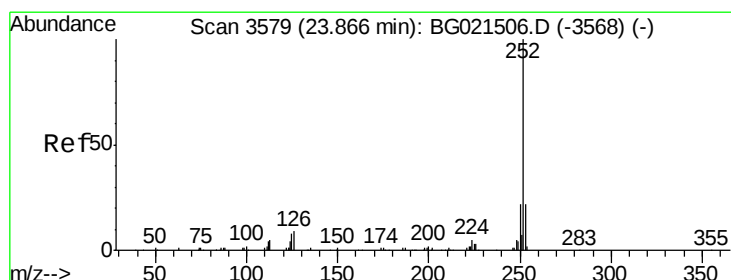
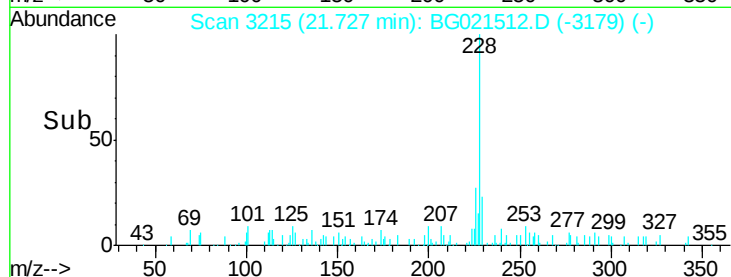
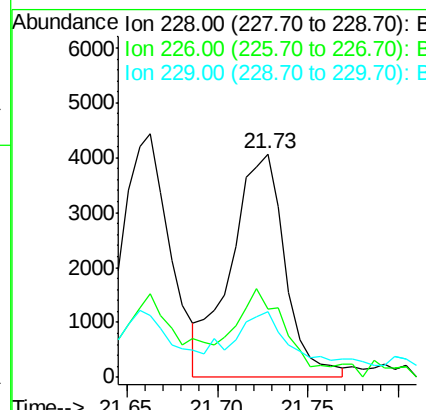
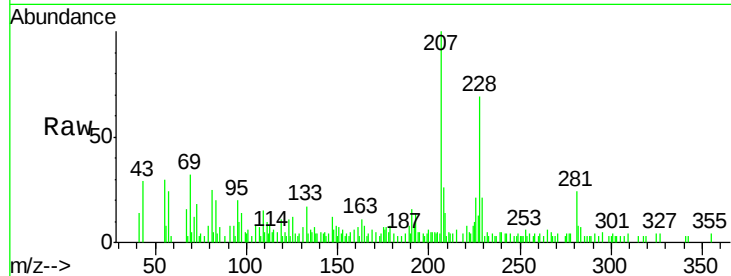
#85
Chrysene
Concen: 1.12 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Instrument :
BNA_G
ClientSampled :
A4T46

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	29.6	16.2	24.2

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#88
Benzo(b)fluoranthene
Concen: 1.32 ng/ul m
RT: 23.88 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	21.0	7.6	11.4

