

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026289.D
 Acq On : 17 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2218-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Z3

Manual Integrations
 APPROVED

mohammad
 3/20/2017 12:54:49 PM

Quant Time: Mar 18 00:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 18 00:14:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	128762	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	606461	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	326115	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	645793	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	633847	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	574440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	37449m	4.17	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	674084	24.24	ng/ul	0.00
10) Fluorene-d10	15.64	176	470060	23.17	ng/ul	0.00
15) Anthracene-d10	17.49	188	661687	23.06	ng/ul	0.00
19) Pyrene-d10	19.76	212	738971	22.85	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	673846	27.20	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.44	178	36382	1.06	ng/ul	Qvalue 95
17) Fluoranthene	19.43	202	84019	2.36	ng/ul	98
20) Pyrene	19.79	202	84558	2.10	ng/ul	99
21) Benzo(a)anthracene	21.62	228	49508	1.40	ng/ul	96
22) Chrysene	21.68	228	51479	1.56	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	64285	1.97	ng/ul#	96

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

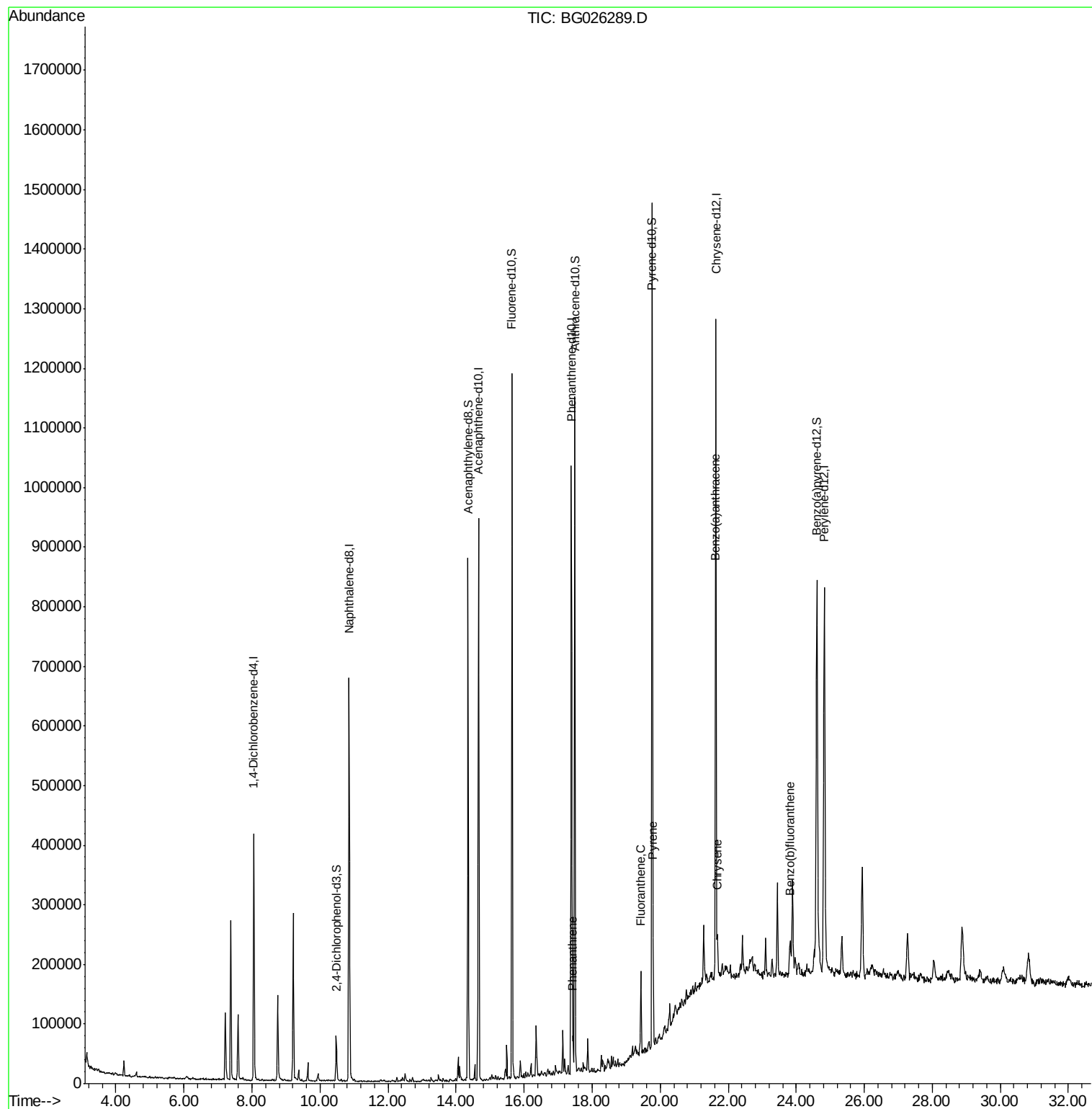
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Operator : SJ/MA
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Misc :
ALS Vial : 14 Sample Multiplier: 1

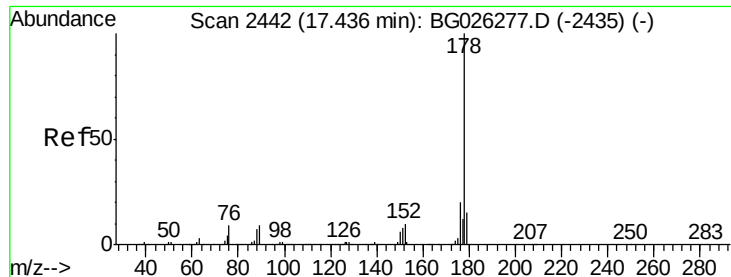
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#14

Phenanthrene

Concen: 1.06 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Instrument :

BNA_G

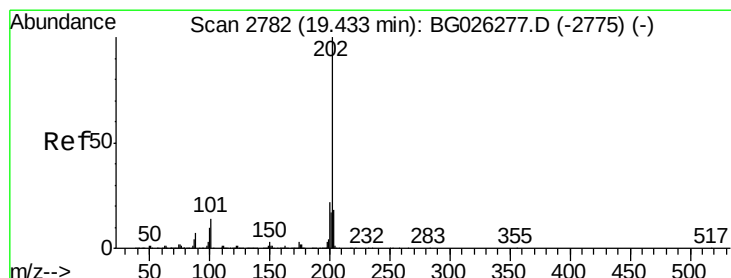
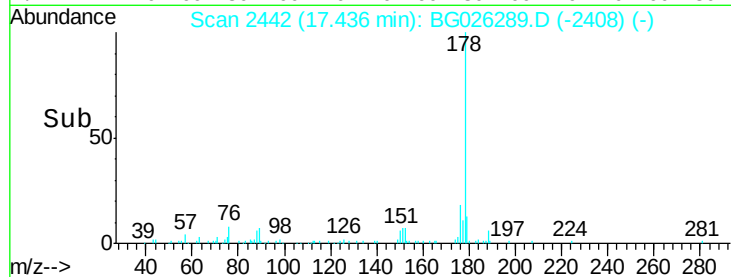
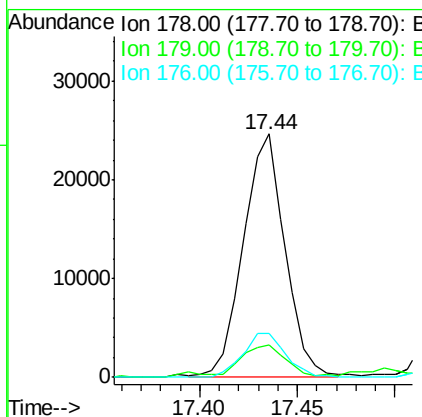
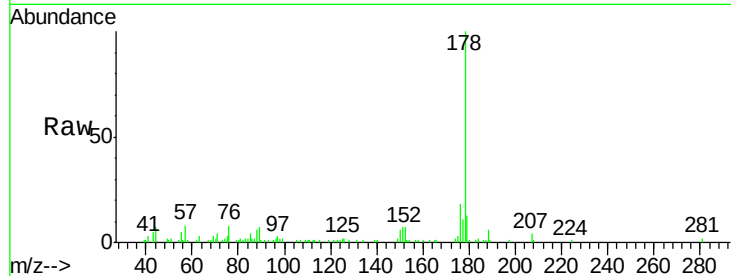
ClientSampleId :

CB2Z3

Tgt Ion:	178	Resp:	36382
Ion Ratio	Lower	Upper	
178	100		
179	13.4	12.2	18.4
176	17.8	16.4	24.6

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#17

Fluoranthene

Concen: 2.36 ng/ul

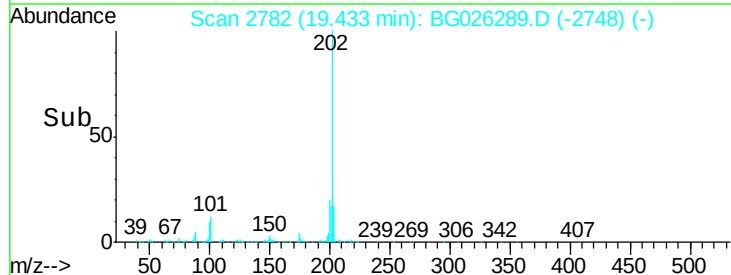
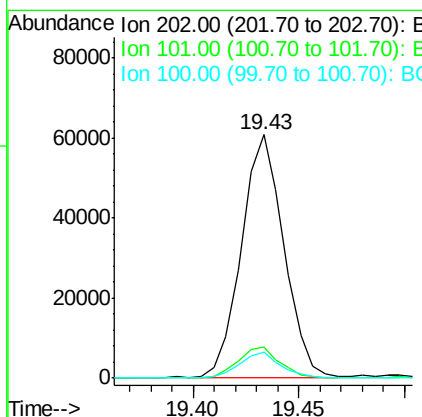
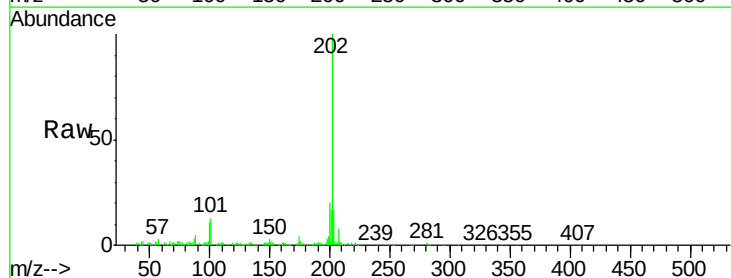
RT: 19.43 min Scan# 2782

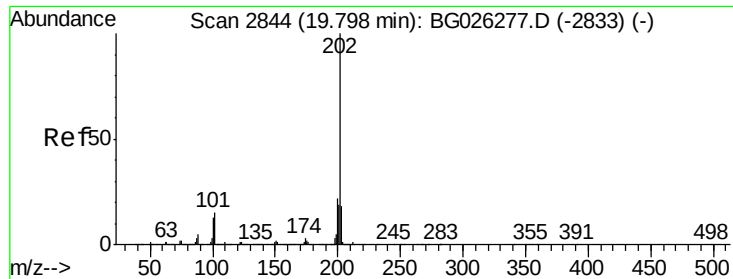
Delta R.T. -0.00 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Tgt Ion:	202	Resp:	84019
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.8	14.8
100	10.7	7.5	11.3





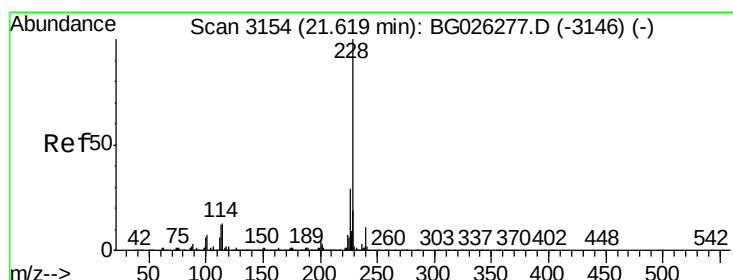
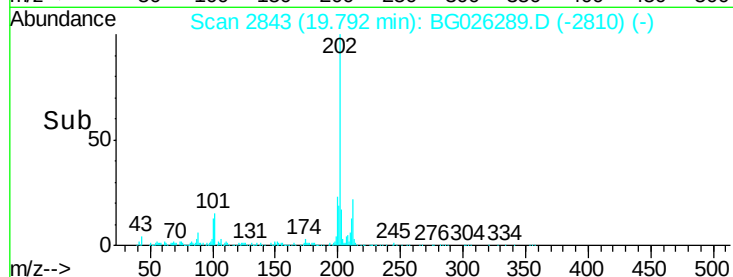
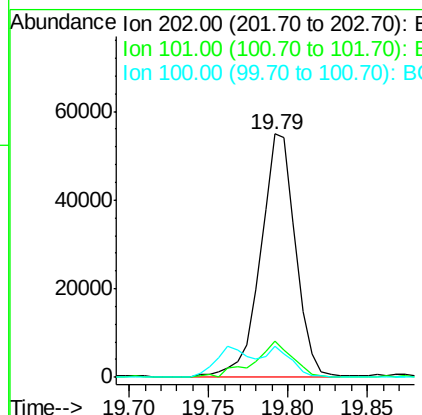
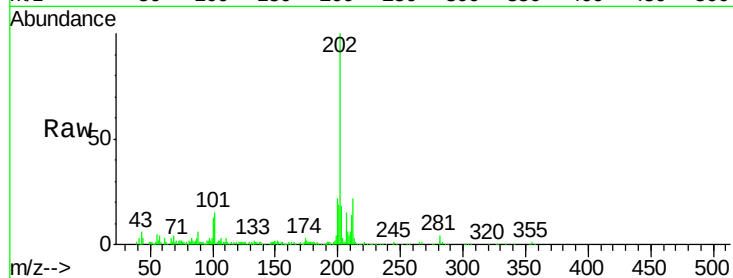
#20
Pyrene
Concen: 2.10 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG026289.D
Acq: 17 Mar 2017 19:17

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BNA_G
ClientSampleId :
CB2Z3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	84558		
101	14.7	11.2	16.8	
100	12.5	9.8	14.6	

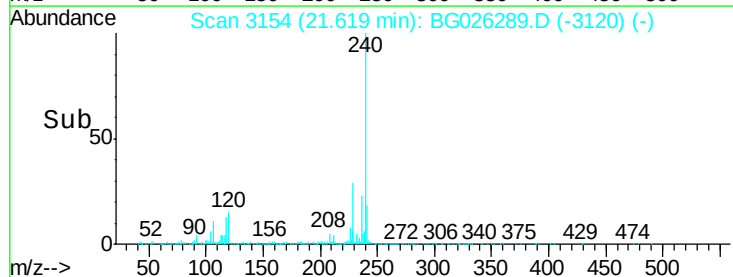
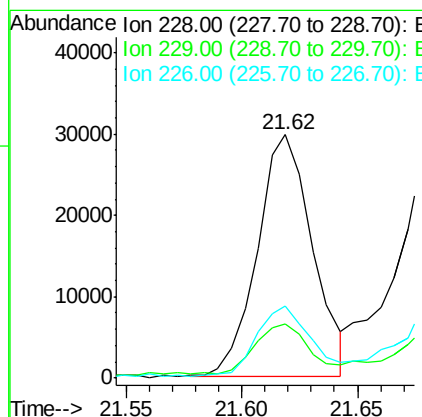
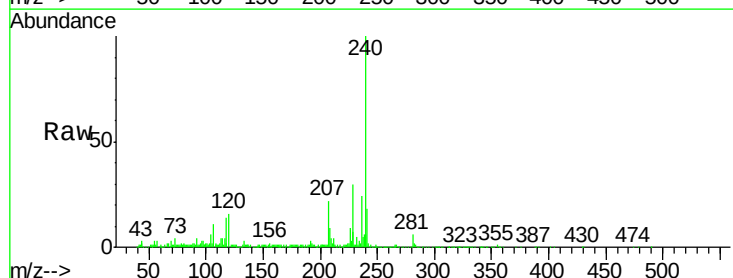
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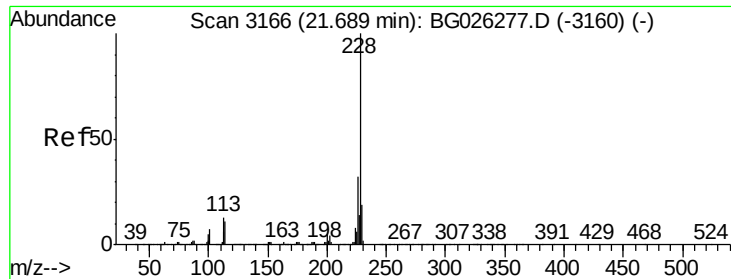
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#21
Benzo(a)anthracene
Concen: 1.40 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026289.D
Acq: 17 Mar 2017 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	49508		
229	22.5	15.9	23.9	
226	29.4	22.1	33.1	





#22

Chrysene

Concen: 1.56 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Instrument :

BNA_G

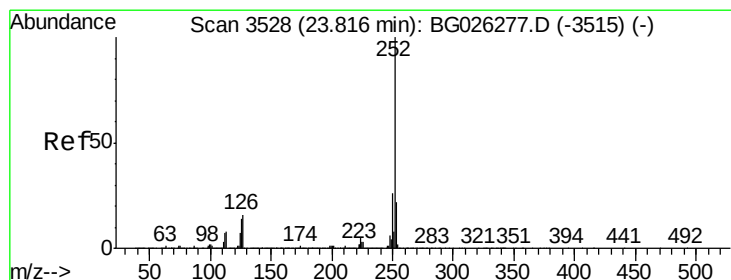
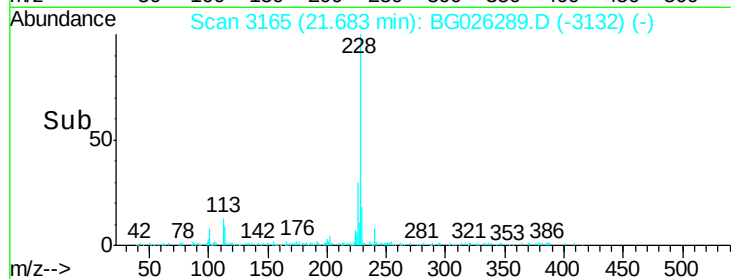
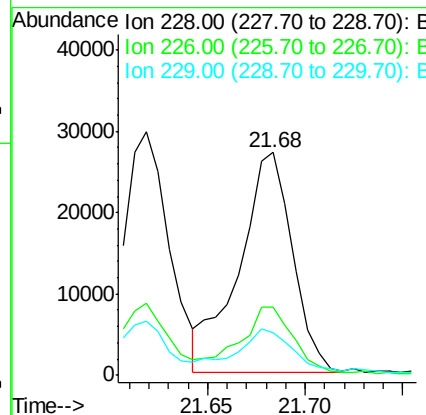
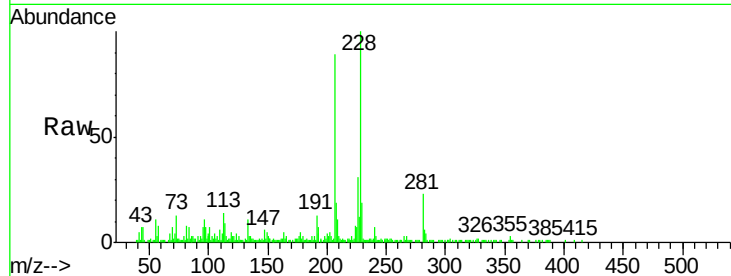
ClientSampleId :

CB2Z3

Tgt Ion:	228	Resp:	51479
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	19.3	16.6	25.0

Manual Integrations
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#24

Benzo(b)fluoranthene

Concen: 1.97 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG026289.D

Acq: 17 Mar 2017 19:17

Tgt Ion:	252	Resp:	64285
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.8	26.6
125	14.2	9.4	14.0#

