

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Manual Integrations
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Quant Time: May 19 03:43:57 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	21617	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	124785	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	75711	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	163592	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	142400	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	127882	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1472	3.12	ng/uL	0.00
3) Phenol-d5	7.31	99	27377	14.34	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	16777	16.50	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	26814	17.11	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	17283	10.16	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	13957	15.94	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	14751	15.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	25491	15.44	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	31511	24.23	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	114832	19.67	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	143054	19.03	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	12402m	12.08	ng/ul	0.02
21) Fluorene-d10	15.77	176	99676	18.97	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11091	13.66	ng/ul	0.00
26) Anthracene-d10	17.62	188	149104m	19.78	ng/ul	0.00
30) Pyrene-d10	19.90	212	160051	21.30	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	120379	21.20	ng/ul	0.00

Target Compounds

						Ovalue
25) Phenanthrene	17.57	178	17102	1.96	ng/ul	96
28) Fluoranthene	19.57	202	28449	3.13	ng/ul#	90
31) Pyrene	19.93	202	23616	2.41	ng/ul#	88
32) Benzo(a)anthracene	21.79	228	10907	1.38	ng/ul	95
33) Chrysene	21.85	228	10908	1.42	ng/ul	98
35) Benzo(b)fluoranthene	24.07	252	11246m	1.53	ng/ul	
38) Benzo(a)pyrene	24.96	252	7332m	1.04	ng/ul	

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

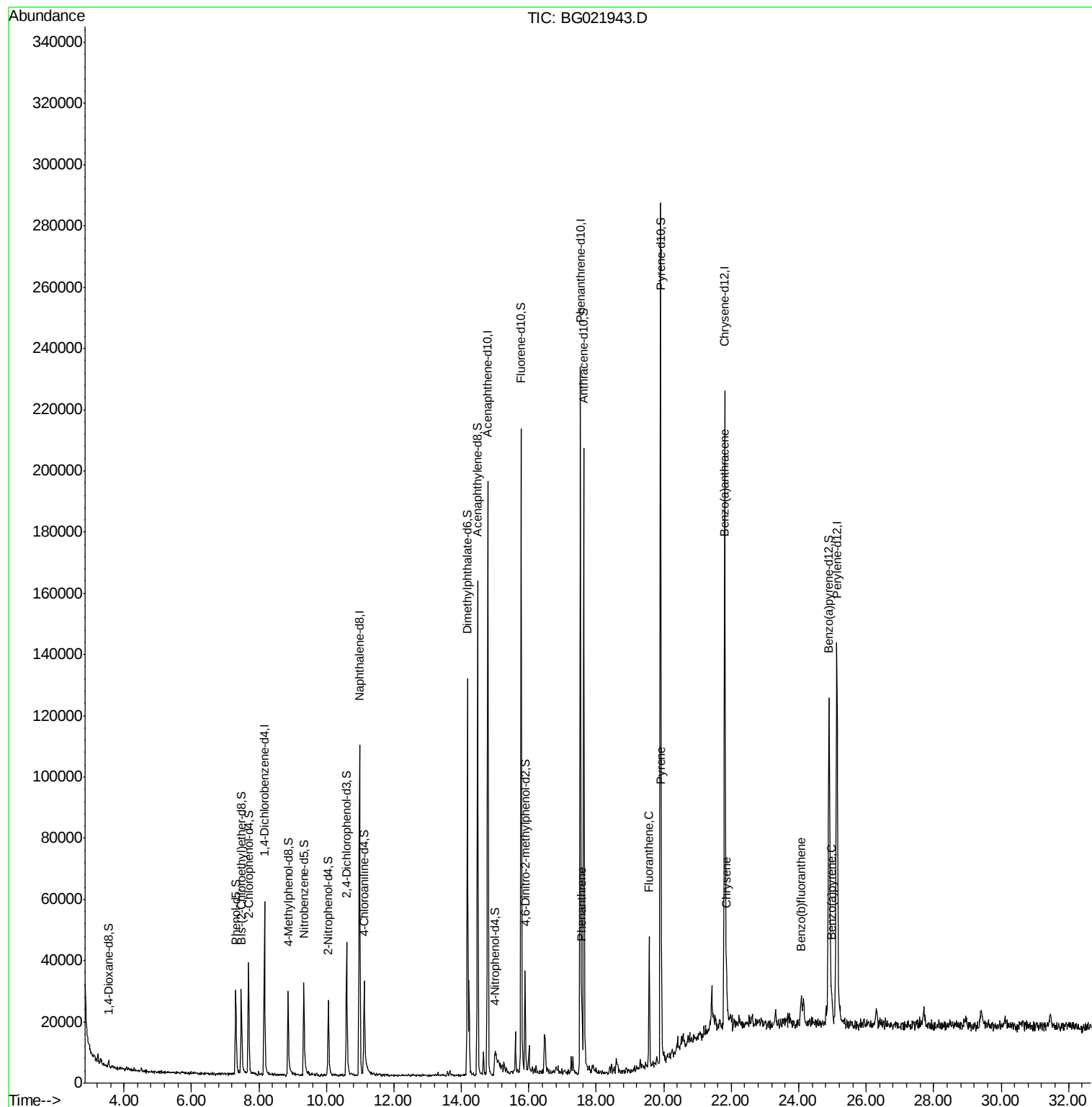
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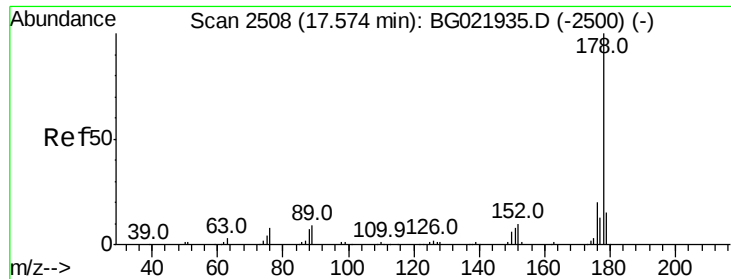
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:03:18 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.96 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG021943.D

Acq: 18 May 2016 21:56

Instrument :

BNA_G

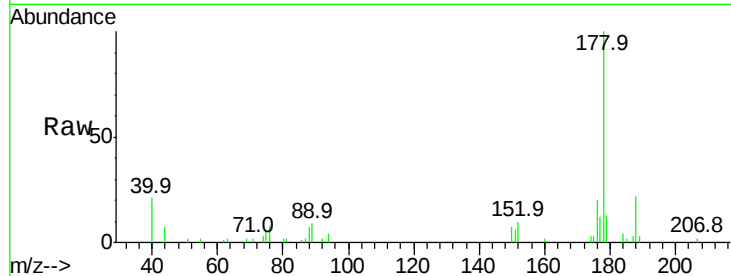
ClientSampleId :

D9XC5

Tot Ion:	178	Resp:	17102
Ion Ratio	Lower	Upper	
178	100		
179	12.8	11.8	17.8
176	19.8	14.8	22.2

Manual Integrations
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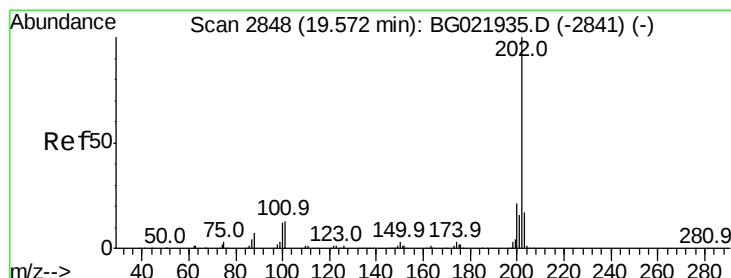
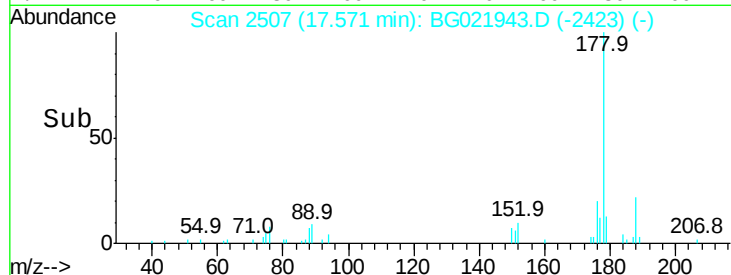
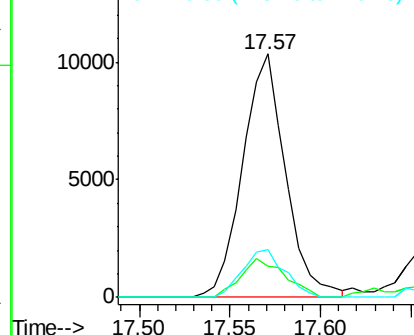
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 3.13 ng/ul

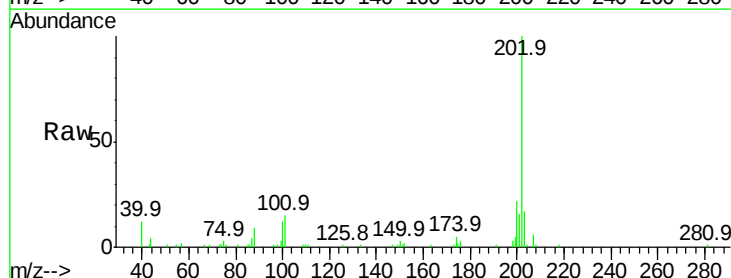
RT: 19.57 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG021943.D

Acq: 18 May 2016 21:56

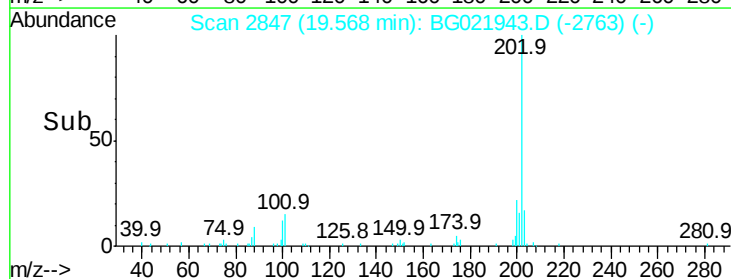
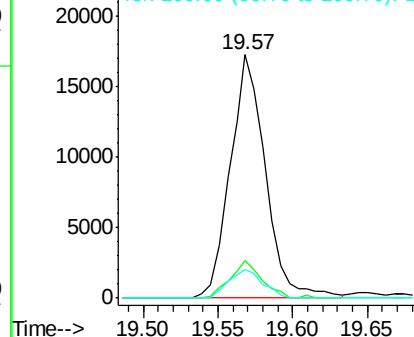
Tgt Ion:	202	Resp:	28449
Ion Ratio	Lower	Upper	
202	100		
101	15.4	8.9	13.3#
100	11.9	7.0	10.4#

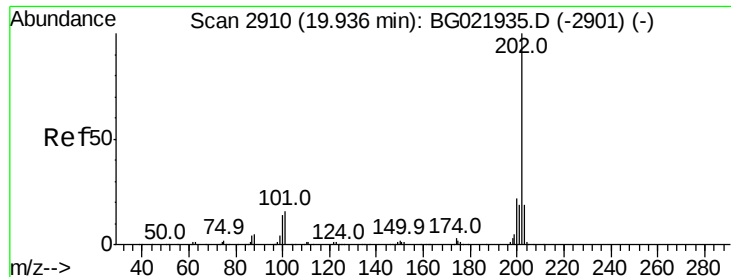


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





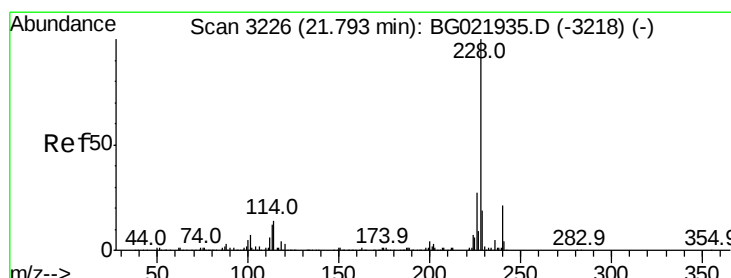
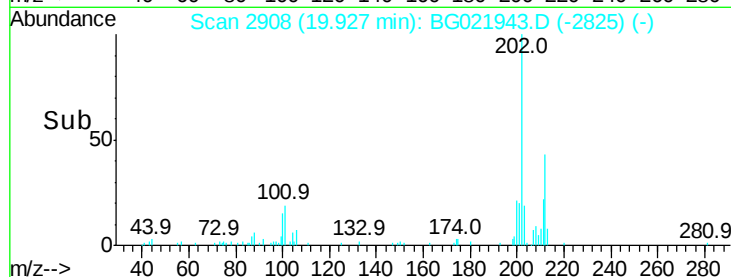
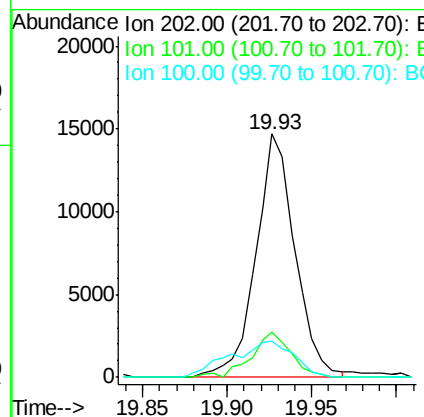
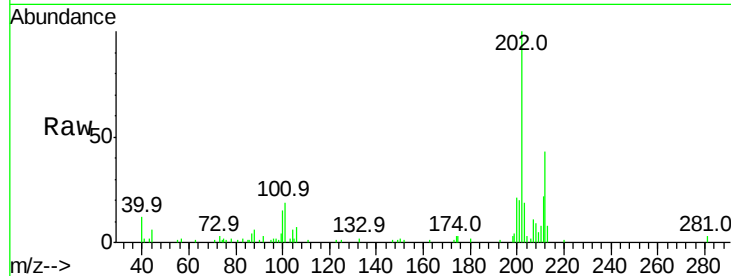
#31
Pvrene
Concen: 2.41 ng/ul
RT: 19.93 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
D9XC5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.5	9.8	14.8#
100	15.0	9.3	13.9#

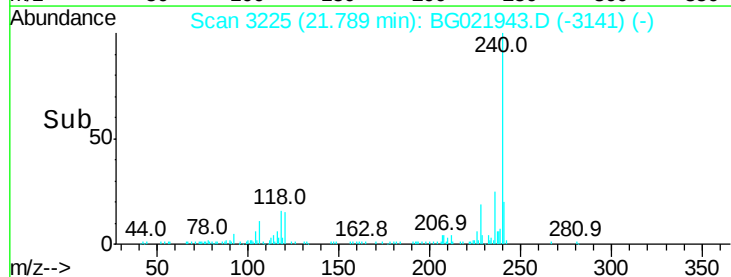
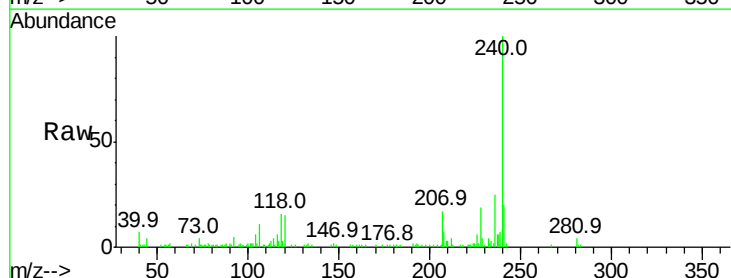
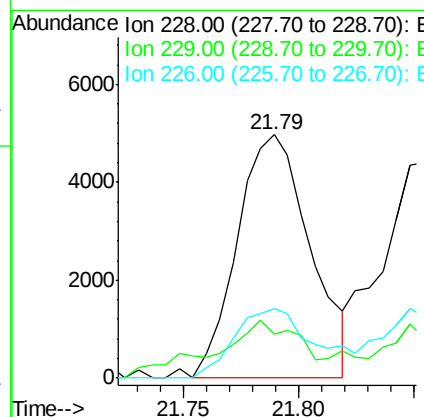
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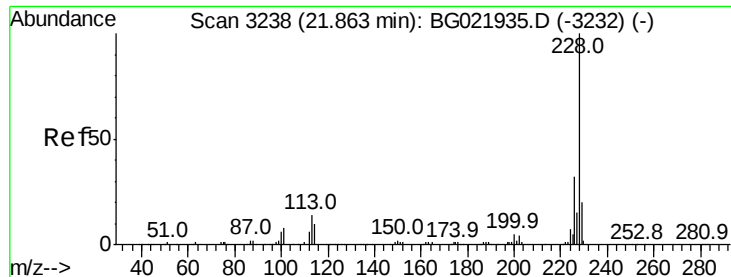
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#32
Benzo(a)anthracene
Concen: 1.38 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.0	16.6	25.0
226	28.3	21.0	31.4





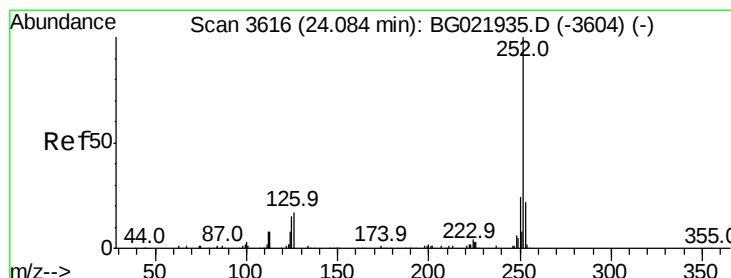
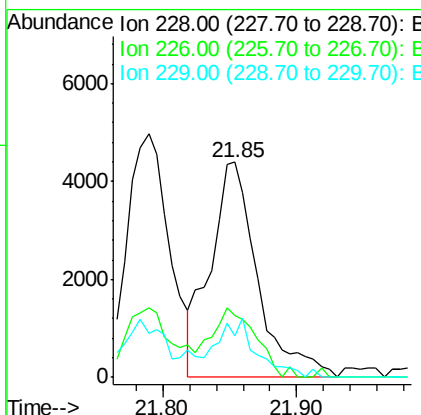
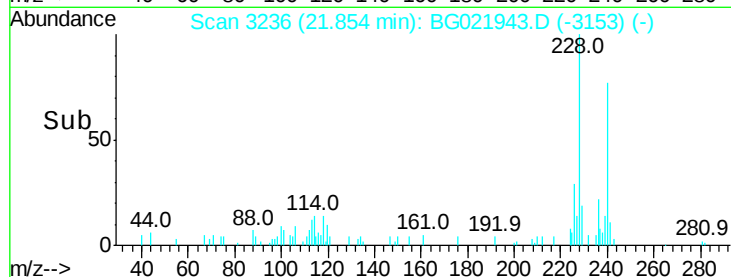
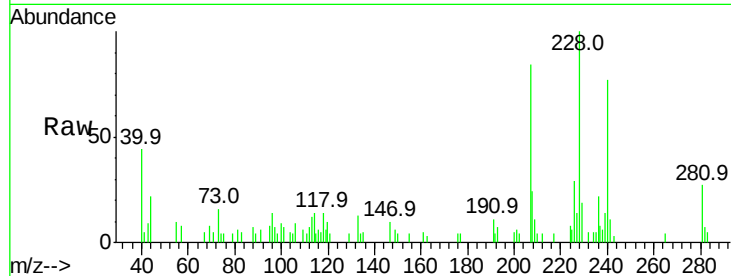
#33
Chrysene
Concen: 1.42 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
D9XC5

Tot Ion:	228	Resp:	10908
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.4	35.2
229	19.0	16.2	24.2

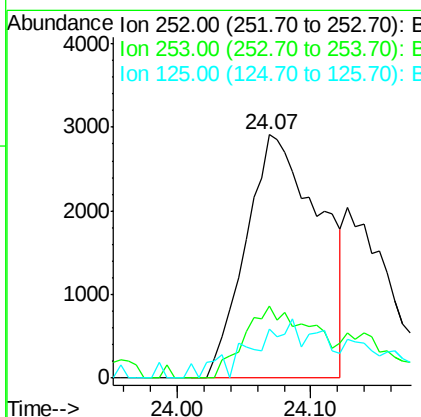
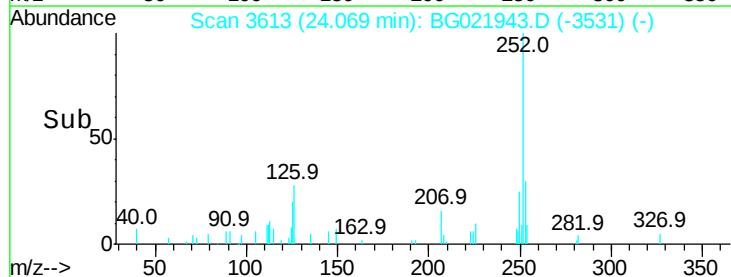
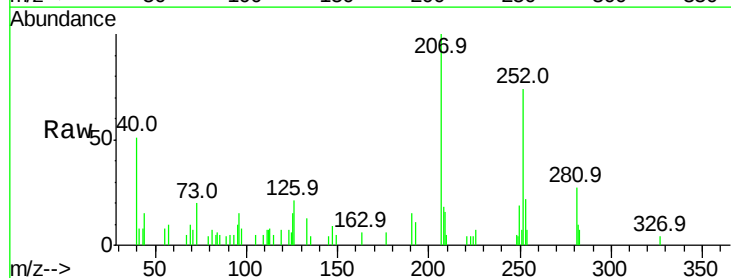
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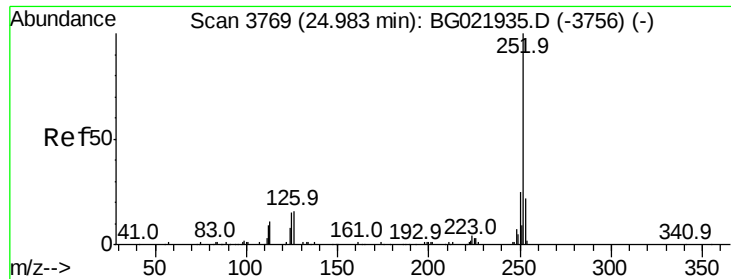
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#35
Benzo(b)fluoranthene
Concen: 1.53 ng/ul m
RT: 24.07 min Scan# 3613
Delta R.T. -0.02 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Tgt Ion:	252	Resp:	11246
Ion Ratio	Lower	Upper	
252	100		
253	29.8	18.1	27.1#
125	20.1	7.6	11.4#





#38

Benzo(a)pyrene

Concen: 1.04 ng/ul m

RT: 24.96 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BG021943.D

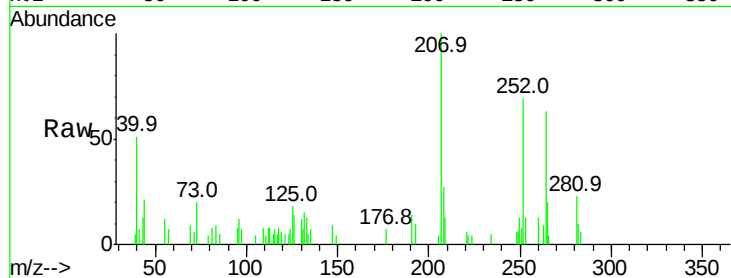
Acq: 18 May 2016 21:56

Instrument :

BNA_G

ClientSampleId :

D9XC5



Tot Ion	Ratio	Lower	Upper
252	100		
253	19.0	17.4	26.0
125	26.7	8.2	12.2

Manual Integrations
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