

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018258.D
 Acq On : 4 Aug 2015 18:19
 Operator : UM/TP
 Sample : G3095-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01H8

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:40:06 PM

Quant Time: Aug 05 03:34:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	51421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	236125	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	172770	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	421772m	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	416967m	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	331319	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	830	1.22	ng/uL	0.00
5) Phenol-d5	6.65	99	29089	6.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	16621	7.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	25216	7.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	20459	5.43	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	13487	7.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	16884	7.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	27872	7.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	25723	5.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	98861	7.41	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	102714	6.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	11992	4.85	ng/ul	0.00
58) Fluorene-d10	15.13	176	76738	6.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	15118m	5.13	ng/ul	0.00
71) Anthracene-d10	16.99	188	112856	6.15	ng/ul	0.00
79) Pyrene-d10	19.29	212	119591m	5.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	85730	5.12	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.59	163	60237	4.54	ng/ul	97
70) Phenanthrene	16.93	178	32533	1.52	ng/ul	95
77) Fluoranthene	18.96	202	52280m	2.22	ng/ul	
80) Pyrene	19.33	202	46560m	1.84	ng/ul	
85) Chrysene	21.13	228	24130m	1.17	ng/ul	
88) Benzo(b)fluoranthene	22.62	252	25678m	1.29	ng/ul	

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

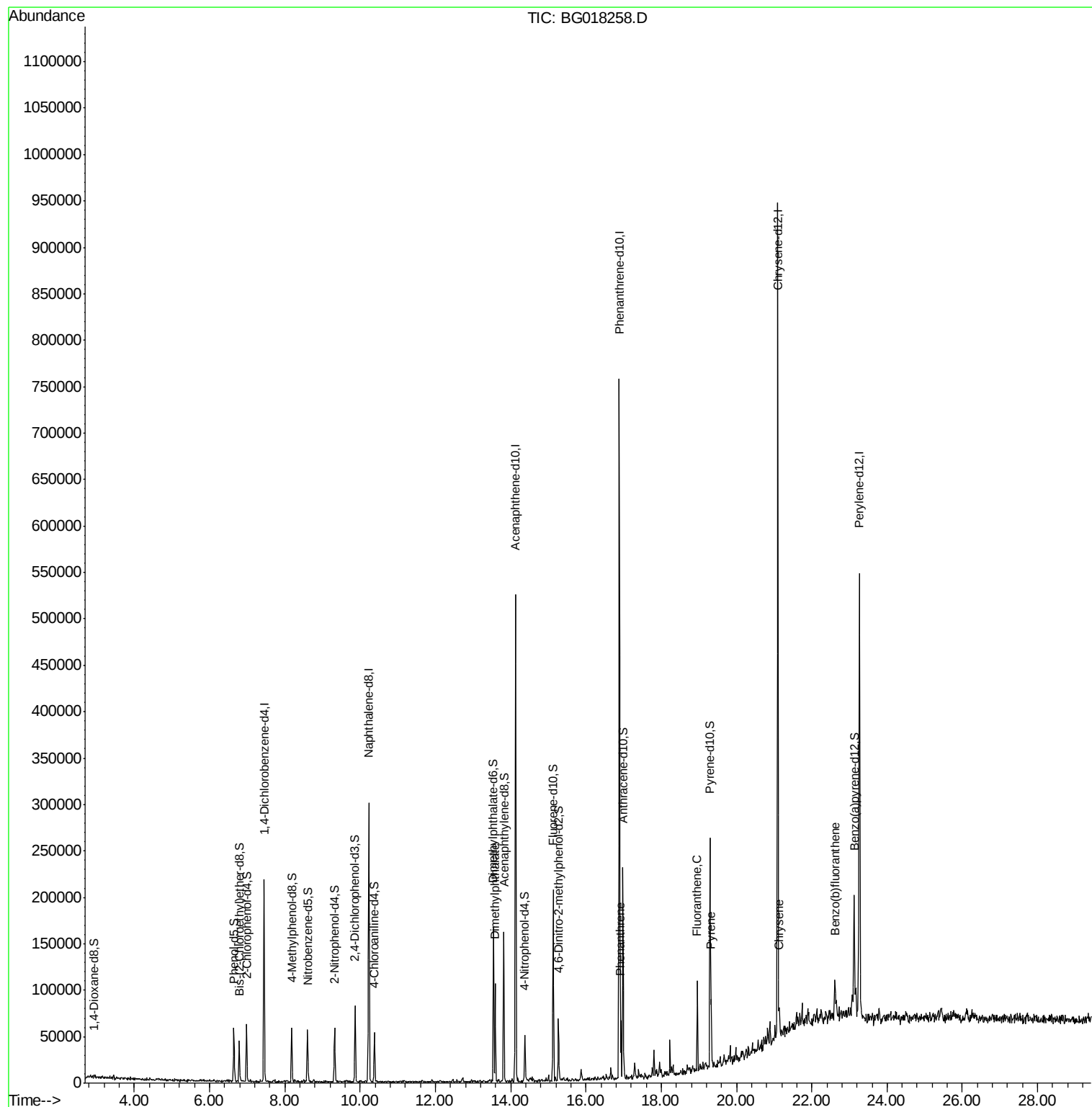
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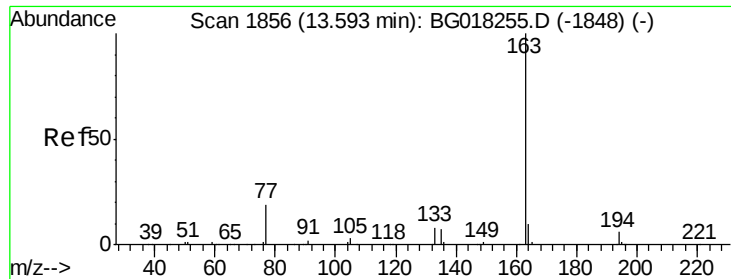
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Quant Time: Aug 05 03:34:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration





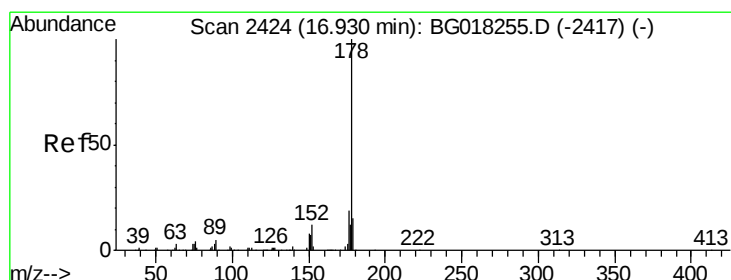
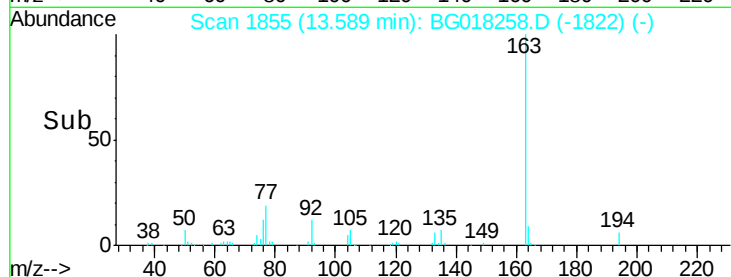
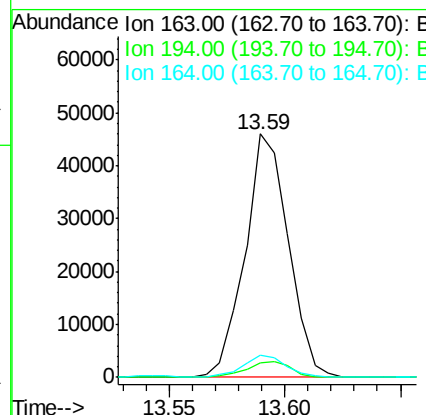
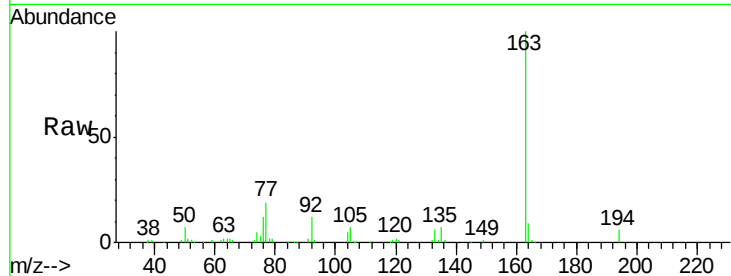
#45
Dimethylphthalate
Concen: 4.54 ng/ul
RT: 13.59 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG018258.D
Acq: 4 Aug 2015 18:19

Instrument :
BNA_G
ClientSampleId :
C01H8

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.8	5.2	7.8
164	9.2	8.4	12.6

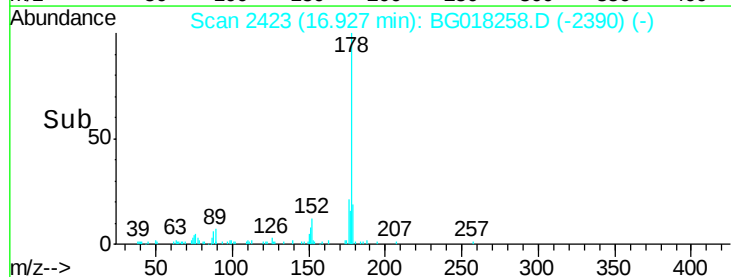
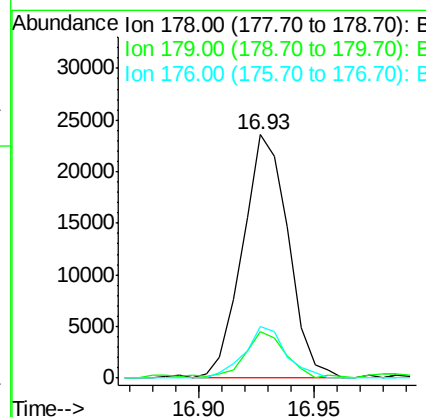
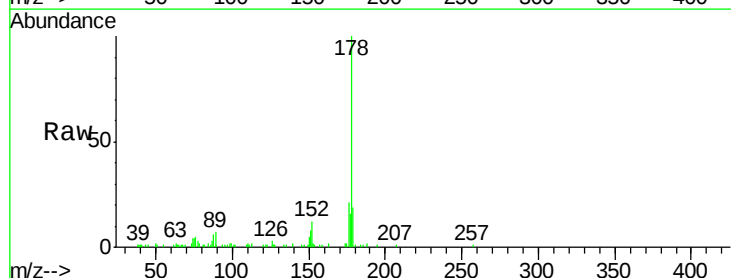
Manual Integrations
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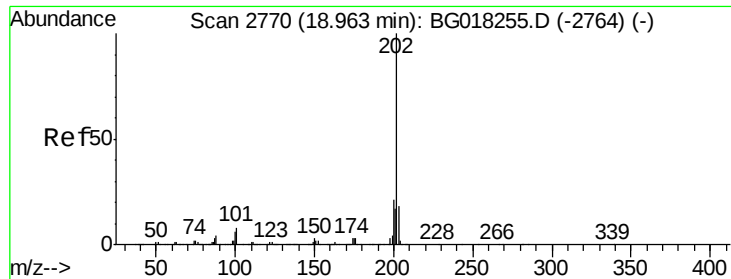
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#70
Phenanthrene
Concen: 1.52 ng/ul
RT: 16.93 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG018258.D
Acq: 4 Aug 2015 18:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	18.9	12.8	19.2
176	21.4	16.0	24.0





#77

Fluoranthene

Concen: 2.22 ng/ul m

RT: 18.96 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG018258.D

Acq: 4 Aug 2015 18:19

Instrument :

BNA_G

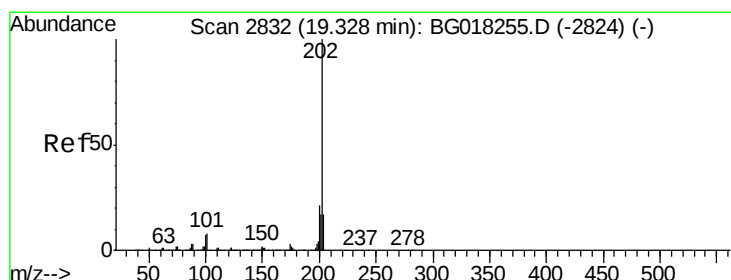
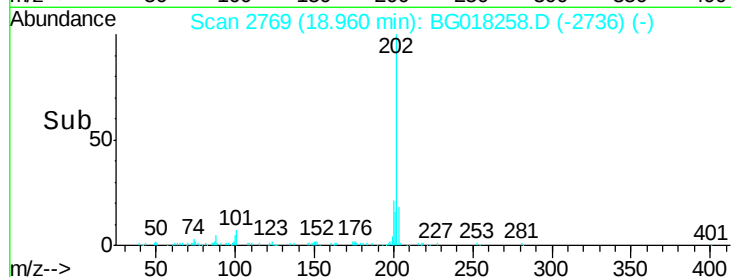
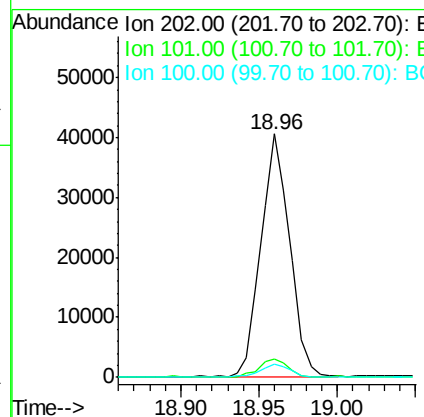
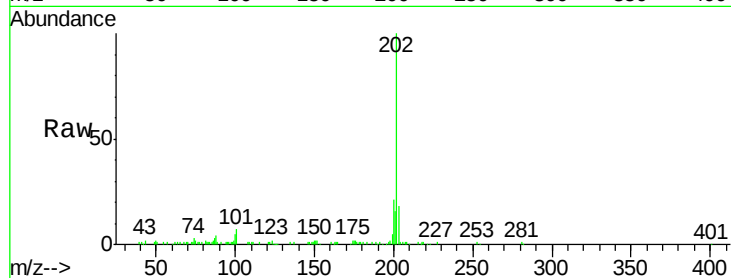
ClientSampleId :

C01H8

Tgt	Ion	202	Resp:	52280
Ion	Ratio	Lower	Upper	
202	100			
101	7.4	7.5	11.3#	
100	5.3	5.5	8.3#	

Manual Integrations
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#80

Pyrene

Concen: 1.84 ng/ul m

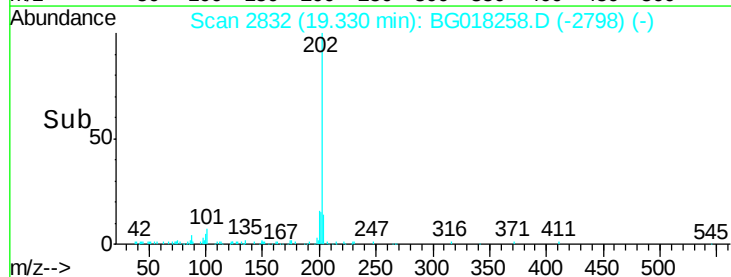
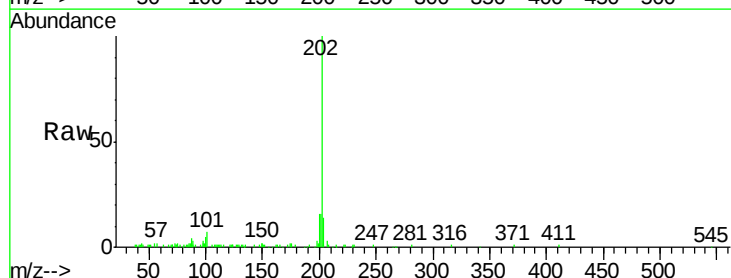
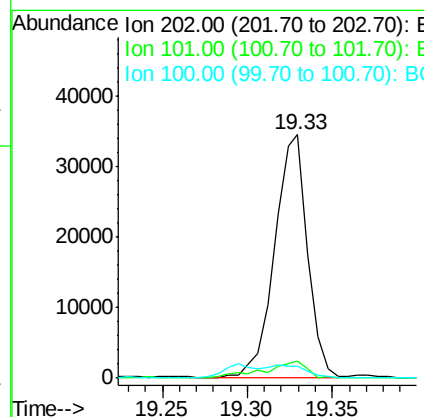
RT: 19.33 min Scan# 2832

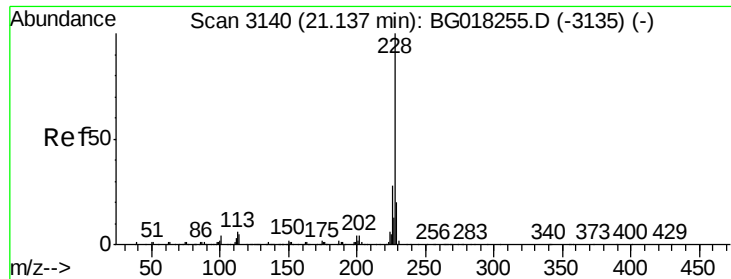
Delta R.T. 0.00 min

Lab File: BG018258.D

Acq: 4 Aug 2015 18:19

Tgt	Ion	202	Resp:	46560
Ion	Ratio	Lower	Upper	
202	100			
101	6.8	8.1	12.1#	
100	4.9	7.4	11.0#	





#85

Chrysene

Concen: 1.17 ng/ul m

RT: 21.13 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG018258.D

Acq: 4 Aug 2015 18:19

Instrument :

BNA_G

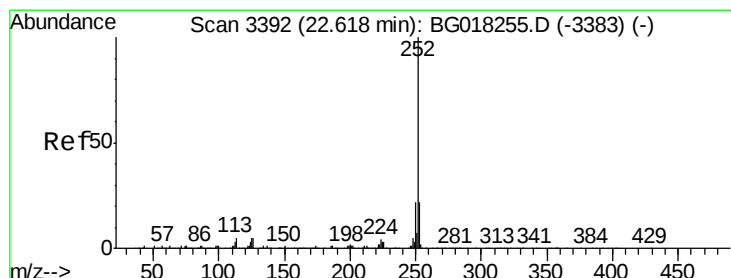
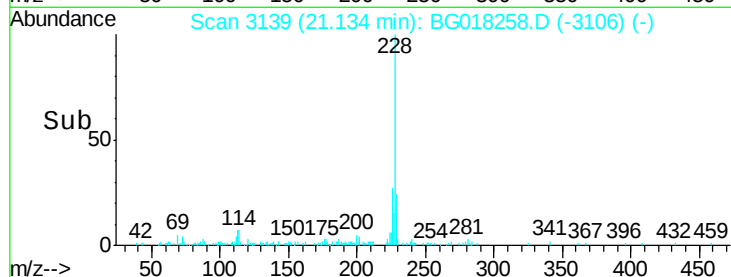
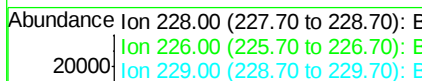
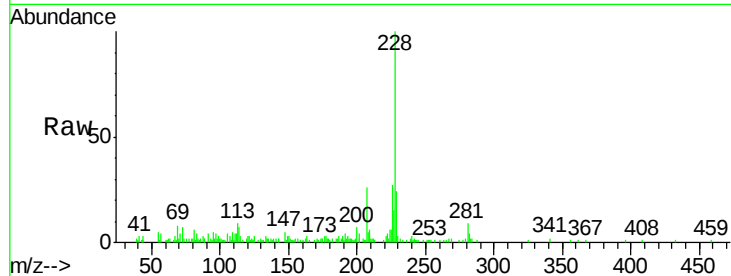
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C01H8

Tgt Ion:	228	Resp:	24130
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.7	34.1
229	23.9	16.2	24.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 1.29 ng/ul m

RT: 22.62 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BG018258.D

Acq: 4 Aug 2015 18:19

Tgt Ion:	252	Resp:	25678
Ion Ratio	Lower	Upper	
252	100		
253	28.9	18.5	27.7#
125	9.8	7.4	11.0

