

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031127.D
 Acq On : 20 Nov 2017 12:51
 Operator : SJ/JU
 Sample : I6350-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F81DL

Manual Integrations
 APPROVED

Sohil
 11/21/2017 2:27:23 PM

Quant Time: Nov 21 06:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 05:01:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55950	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	254655	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	163881	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.51	188	377400m	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	417594m	20.00	ng/ul	0.00
23) Perylene-d12	25.11	264	425442m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.61	165	6497m	1.35	ng/uL	0.03
7) Acenaphthylene-d8	14.46	160	34984	2.05	ng/ul	0.00
10) Fluorene-d10	15.75	176	26231	1.92	ng/ul	0.00
15) Anthracene-d10	17.60	188	39950	2.11	ng/ul	0.00
19) Pyrene-d10	19.88	212	51115	2.68	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.88	264	43235	2.05	ng/ul	0.00
Target Compounds						
5) 2-Methylnaphthalene	12.61	142	16329	1.623	ng/ul	Qvalue 93
14) Phenanthrene	17.55	178	95924m	4.736	ng/ul	
17) Fluoranthene	19.55	202	51259m	1.819	ng/ul	
20) Pyrene	19.91	202	401909m	18.134	ng/ul	
21) Benzo(a)anthracene	21.77	228	58731m	2.308	ng/ul	
22) Chrysene	21.84	228	146312m	6.046	ng/ul	
27) Benzo(a)pyrene	24.96	252	52968	2.150	ng/ul#	68
30) Benzo(g,h,i)perylene	30.13	276	48651m	2.081	ng/ul	

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

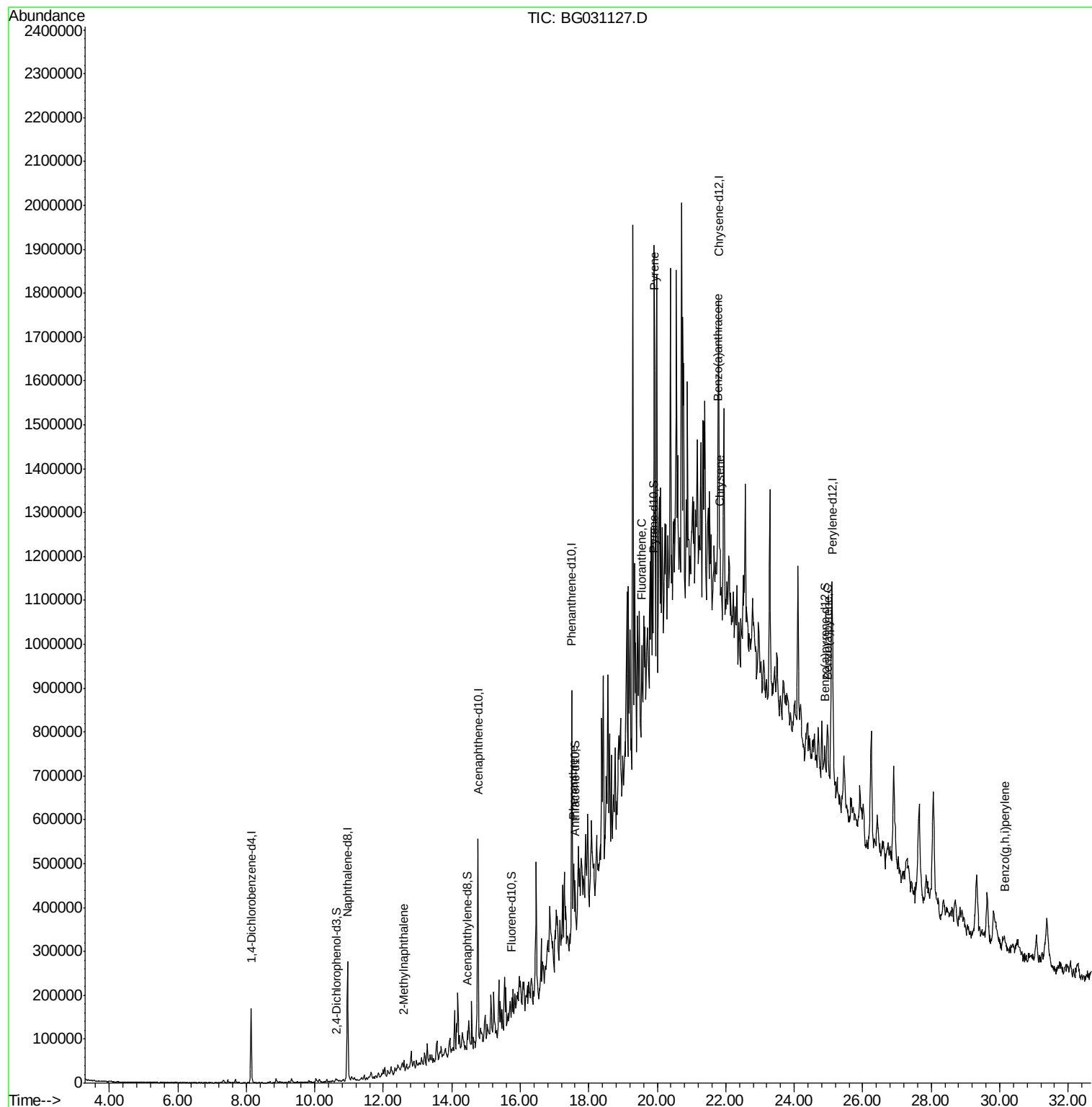
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
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ALS Vial : 3 Sample Multiplier: 1

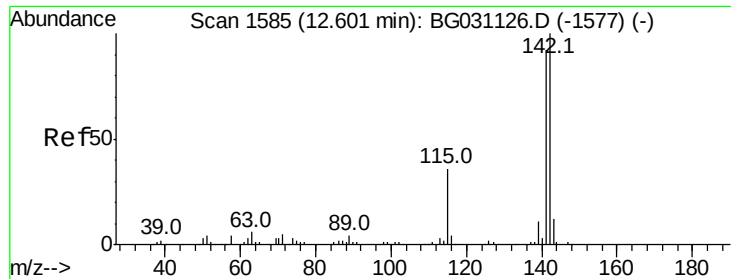
Instrument :
BNA_G
ClientSampled :
B0F81DL

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 05:01:30 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 1.623 ng/ul

RT: 12.61 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BG031127.D

Acq: 20 Nov 2017 12:51

Instrument :

BNA_G

ClientSampled :

B0F81DL

Tot Ion:142 Resp: 16329

Ion Ratio Lower Upper

142 100

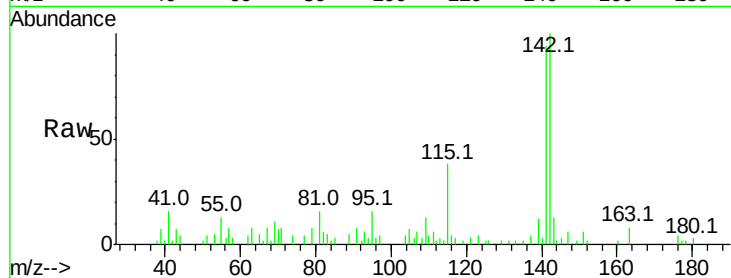
141 93.7 69.8 104.8

Manual Integrations

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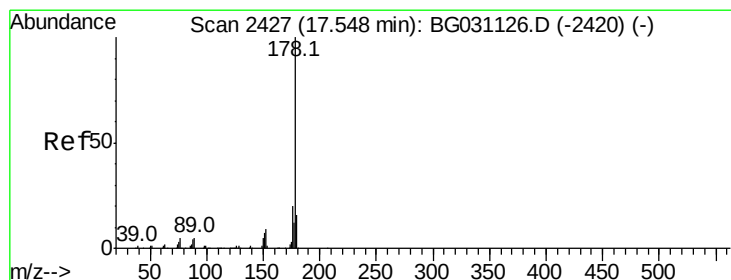
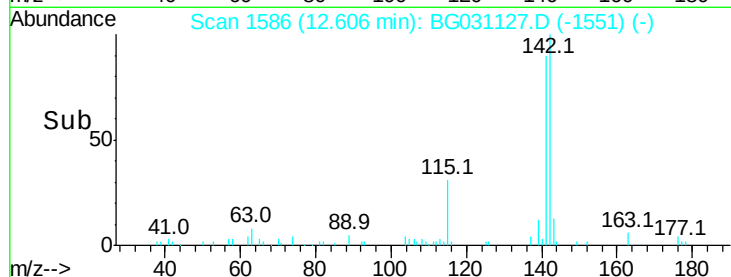
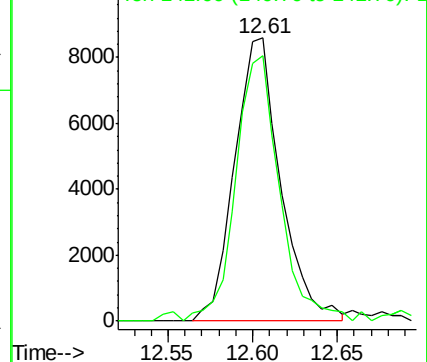
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#14

Phenanthrene

Concen: 4.736 ng/ul m

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG031127.D

Acq: 20 Nov 2017 12:51

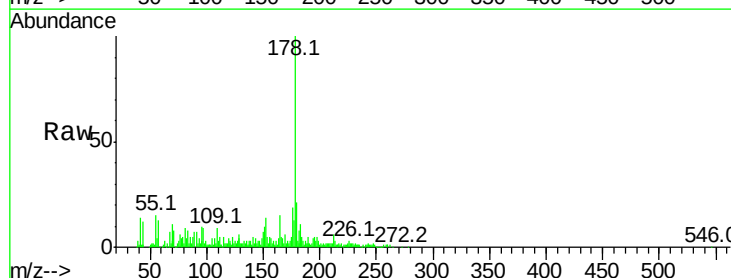
Tgt Ion:178 Resp: 95924

Ion Ratio Lower Upper

178 100

179 20.5 12.2 18.4#

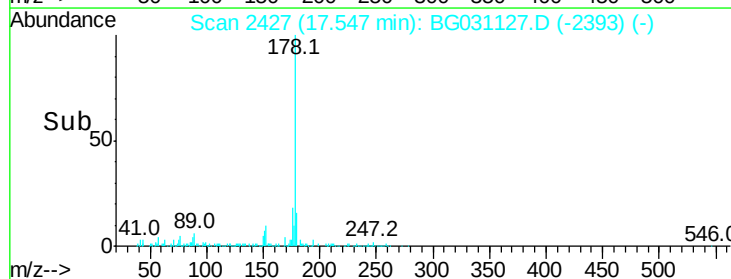
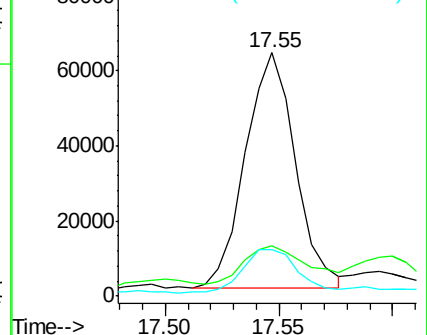
176 19.3 16.4 24.6

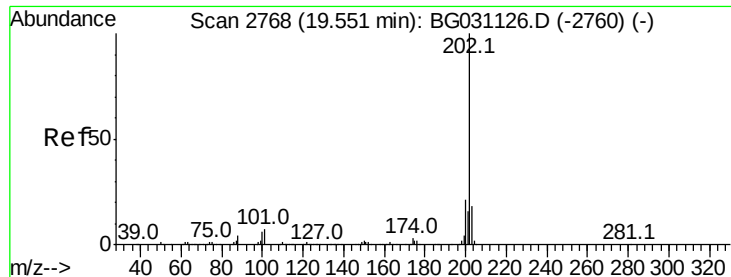


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





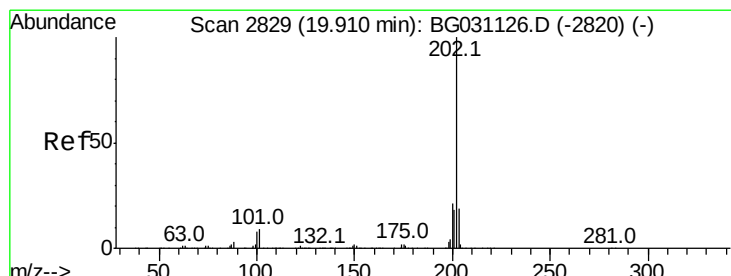
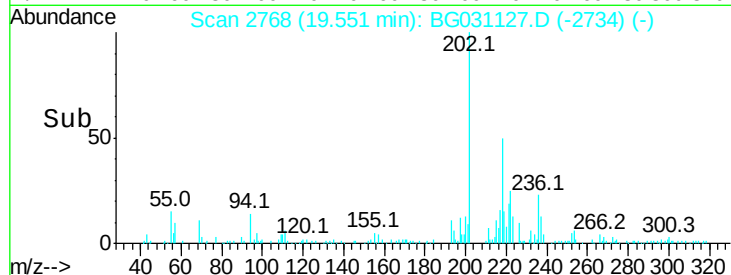
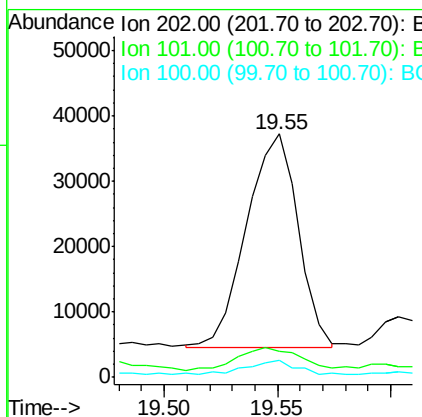
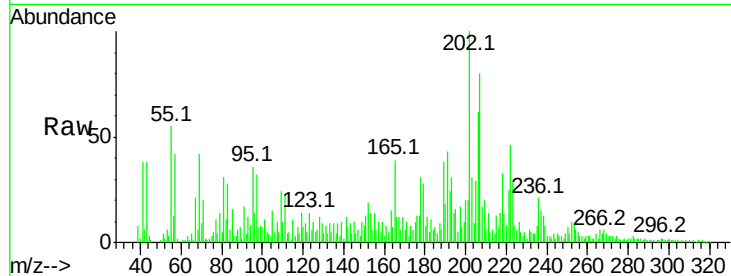
#17
Fluoranthene
 Concen: 1.819 ng/ul m
 RT: 19.55 min Scan# 2768
 Delta R.T. -0.00 min
 Lab File: BG031127.D
 Acq: 20 Nov 2017 12:51

Instrument :
 BNA_G
 ClientSampled :
 B0F81DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	9.8	14.8
100	7.3	7.5	11.3#

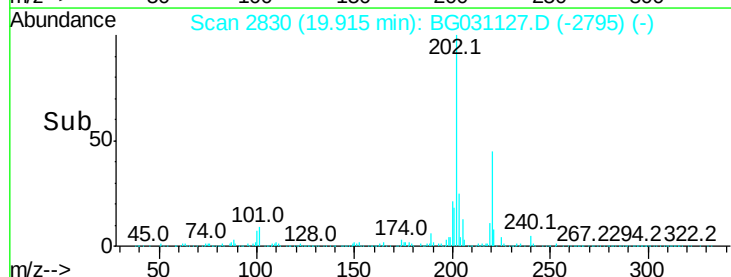
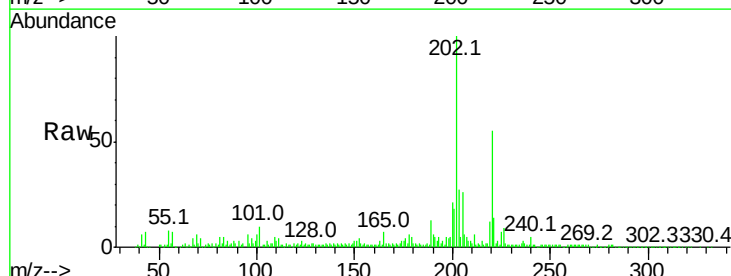
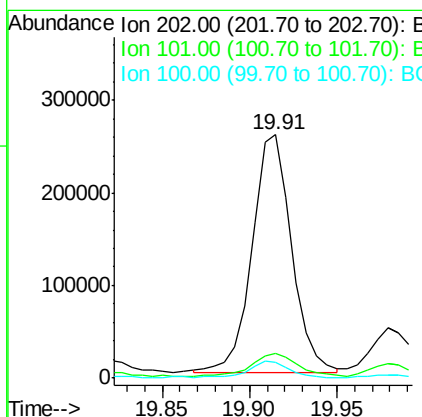
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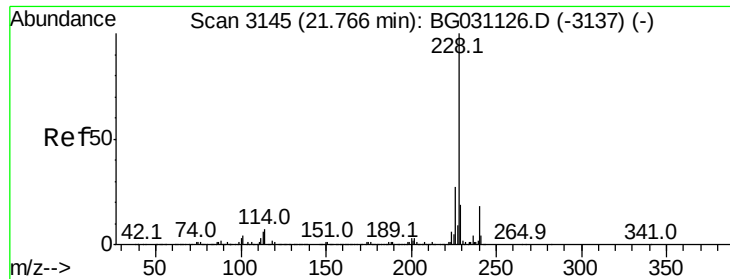
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#20
Pyrene
 Concen: 18.134 ng/ul m
 RT: 19.91 min Scan# 2830
 Delta R.T. 0.01 min
 Lab File: BG031127.D
 Acq: 20 Nov 2017 12:51

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	11.2	16.8#
100	6.5	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 2.308 ng/ul m

RT: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031127.D

Acq: 20 Nov 2017 12:51

Instrument :

BNA_G

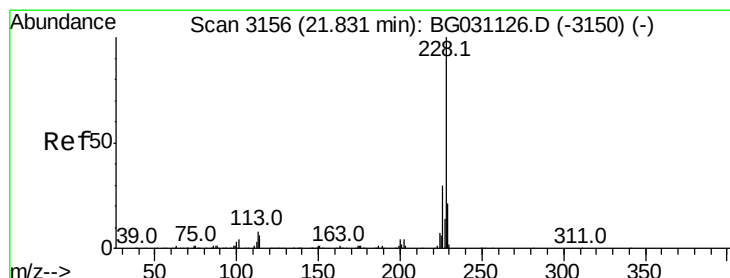
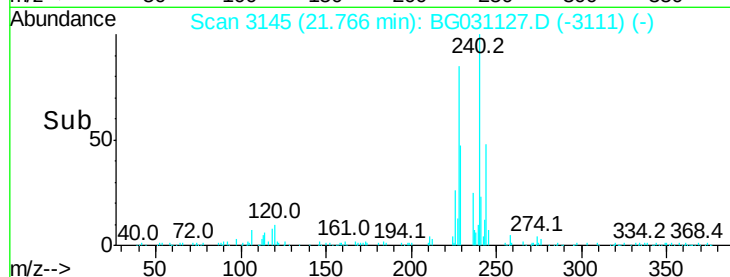
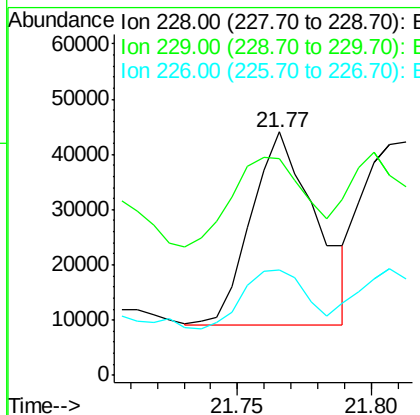
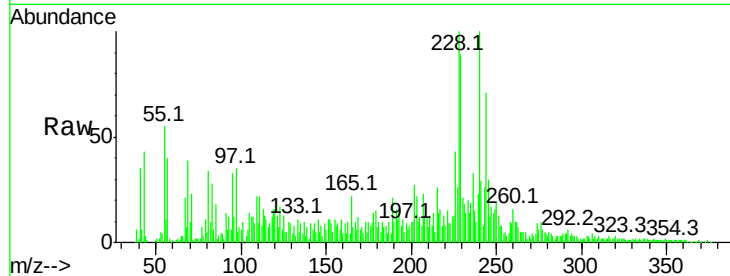
ClientSampled :

B0F81DL

Tot Ion:	228	Resp:	58731
Ion Ratio	Lower	Upper	
228	100		
229	89.1	15.9	23.9#
226	43.3	22.1	33.1#

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#22

Chrysene

Concen: 6.046 ng/ul m

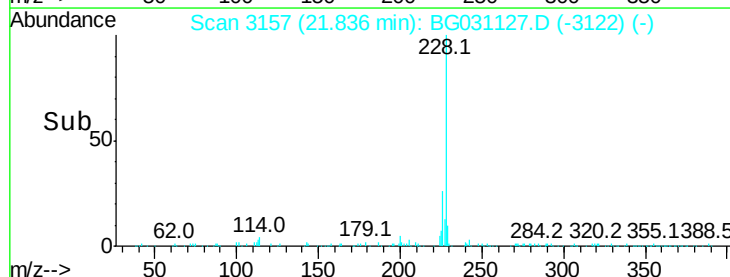
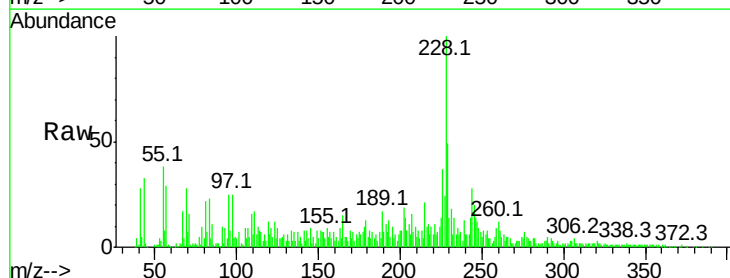
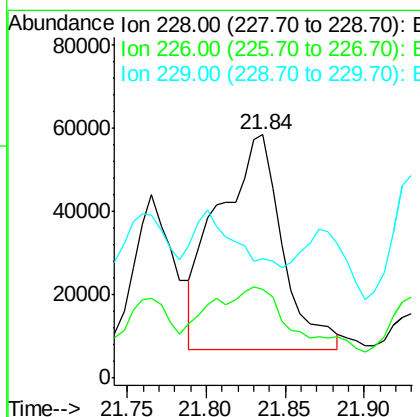
RT: 21.84 min Scan# 3157

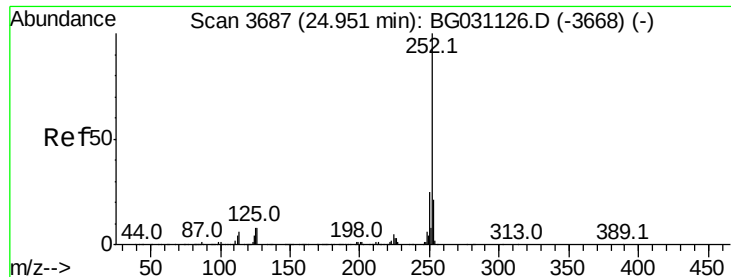
Delta R.T. 0.01 min

Lab File: BG031127.D

Acq: 20 Nov 2017 12:51

Tgt Ion:	228	Resp:	146312
Ion Ratio	Lower	Upper	
228	100		
226	36.7	25.0	37.6
229	48.9	16.6	25.0#





#27

Benzo(a)pyrene

Concen: 2.150 ng/ul

RT: 24.96 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG031127.D

Acq: 20 Nov 2017 12:51

Instrument :

BNA_G

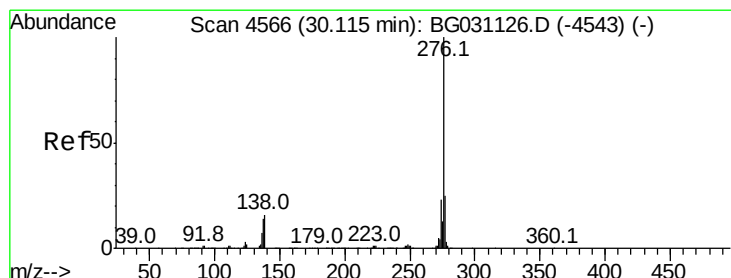
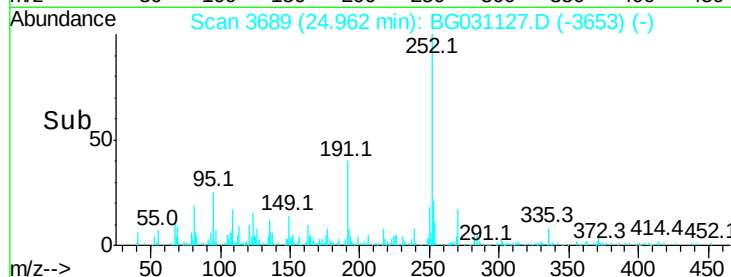
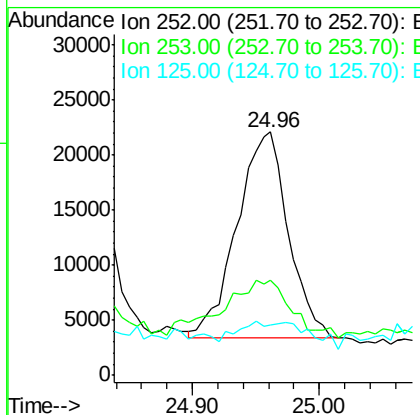
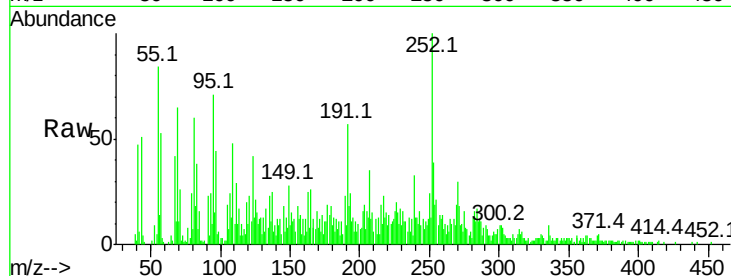
ClientSampled :

B0F81DL

Tot Ion:	252	Resp:	52968
Ion Ratio	Lower	Upper	
252	100		
253	38.9	17.1	25.7#
125	20.5	9.4	14.2#

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#30

Benzo(g,h,i)perylene

Concen: 2.081 ng/ul m

RT: 30.13 min Scan# 4569

Delta R.T. 0.02 min

Lab File: BG031127.D

Acq: 20 Nov 2017 12:51

Tgt Ion:	276	Resp:	48651
Ion Ratio	Lower	Upper	
276	100		
138	17.7	19.0	28.4#
277	26.2	19.7	29.5

