

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025116.D
 Acq On : 12 Dec 2016 16:07
 Operator : UM/SJ
 Sample : H5860-13 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8E0

Manual Integrations
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 12/13/2016 6:06:41 PM

Quant Time: Dec 13 00:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 00:29:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	86348	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	378096	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	300949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	632787	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	726399	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	751024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1288	0.77	ng/uL	0.00
5) Phenol-d5	7.38	99	34735	4.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	21412	4.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	23702	4.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	26926	4.33	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	14322	5.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	12764	3.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	26641	4.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	15088	2.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	95397	4.61	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	107627	4.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	9501m	2.67	ng/ul	0.02
57) Fluorene-d10	15.85	176	97620	5.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	10064	2.57	ng/ul	0.00
70) Anthracene-d10	17.70	188	137450	5.15	ng/ul	0.00
76) Pyrene-d10	19.97	212	161450	5.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	153619	5.05	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.30	163	20860	1.03	ng/ul#	93
69) Phenanthrene	17.65	178	259707	8.60	ng/ul	95
72) Carbazole	18.00	167	45969	1.77	ng/ul#	86
74) Fluoranthene	19.64	202	899418	25.06	ng/ul	99
77) Pyrene	20.00	202	702406	20.12	ng/ul	98
80) Benzo(a)anthracene	21.88	228	309606	8.20	ng/ul	99
82) Chrysene	21.94	228	428345	12.13	ng/ul	96
85) Benzo(b)fluoranthene	24.22	252	569449	15.29	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	187070m	5.28	ng/ul	
88) Benzo(a)pyrene	25.16	252	280374	7.83	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.23	276	272632m	6.13	ng/ul	
90) Dibenzo(a,h)anthracene	29.32	278	71457m	1.91	ng/ul	
91) Benzo(g,h,i)perylene	30.47	276	235750m	6.35	ng/ul	

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

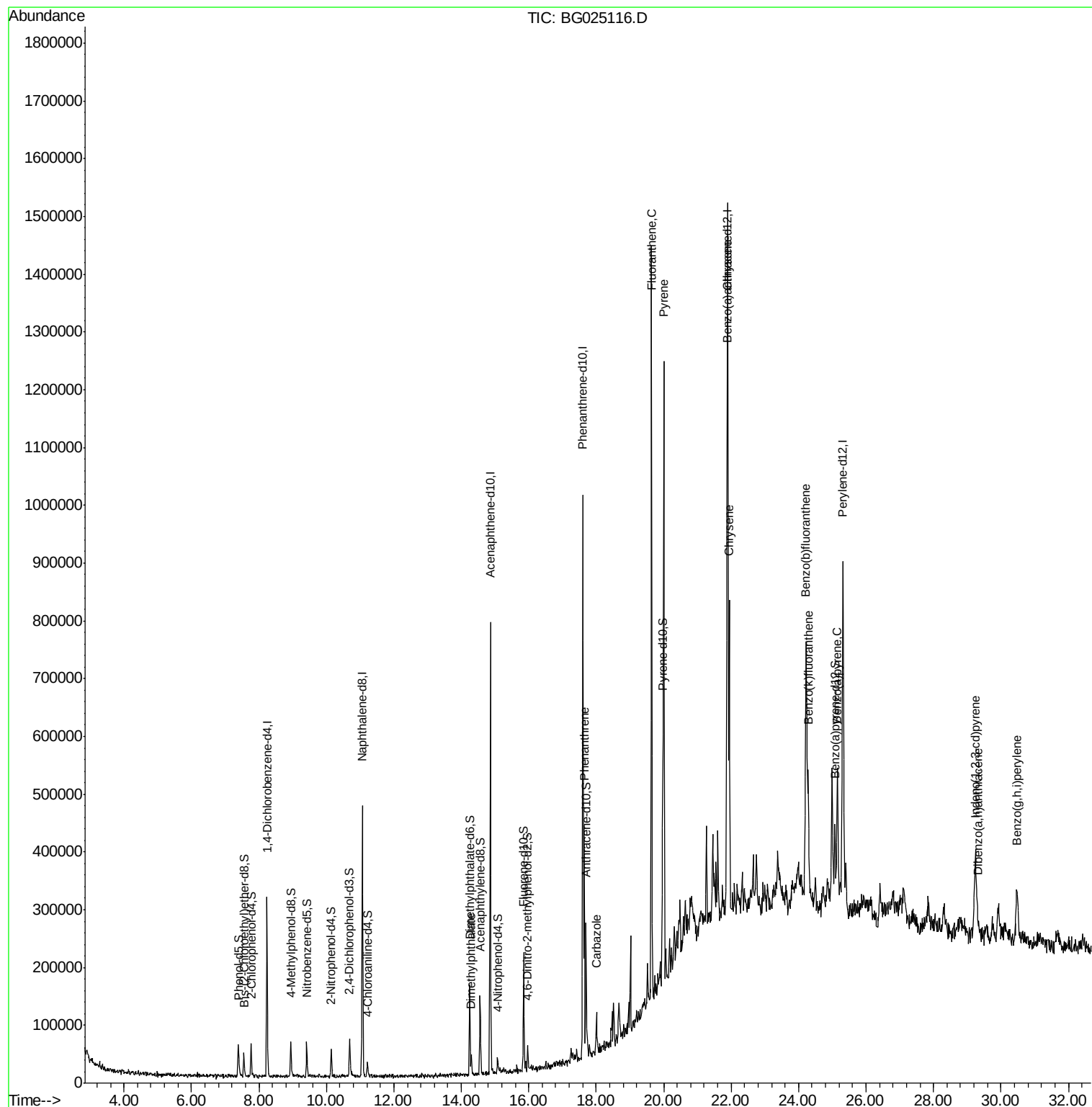
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025116.D
Acq On : 12 Dec 2016 16:07
Operator : UM/SJ
Sample : H5860-13 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

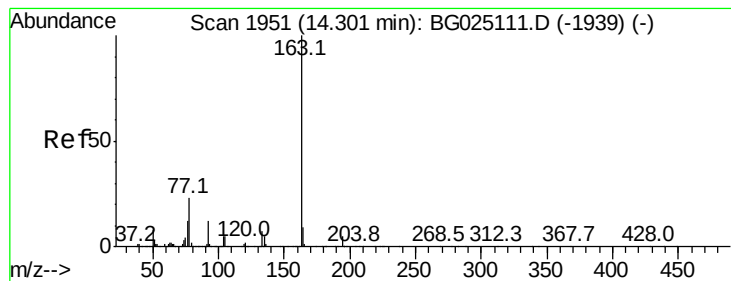
Instrument :
BNA_G
ClientSampled :
DA8E0

Manual Integrations
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Quant Time: Dec 13 00:54:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.03 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Instrument :

BNA_G

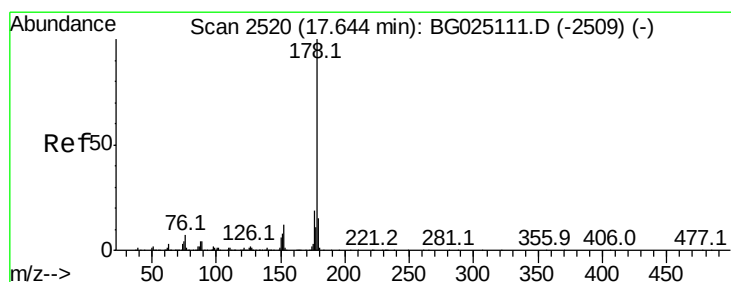
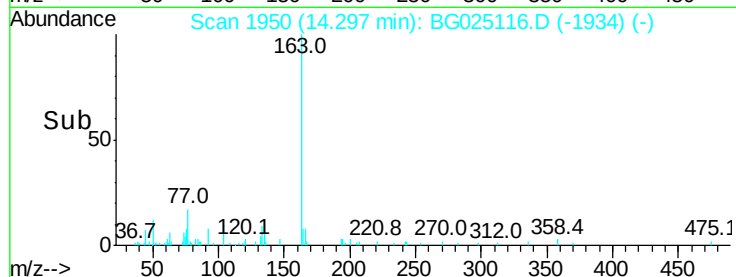
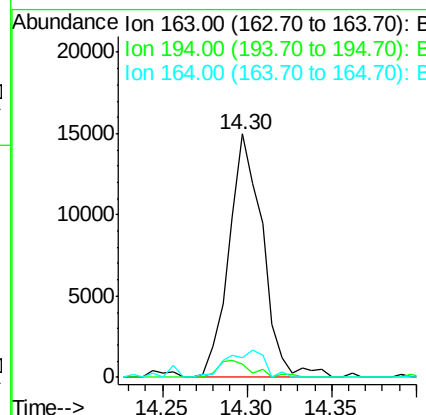
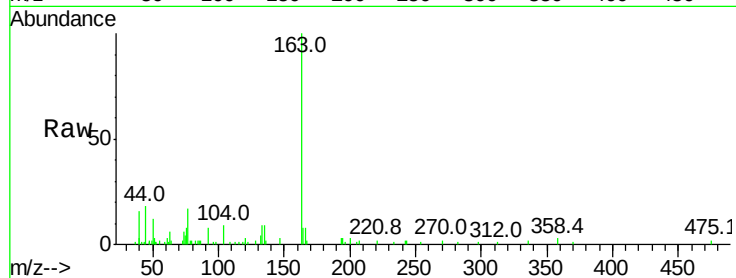
ClientSampleId :

DA8E0

Tot Ion:	163	Resp:	20860
Ion Ratio	Lower	Upper	
163	100		
194	5.5	3.4	5.0#
164	8.0	9.0	13.4#

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#69

Phenanthrene

Concen: 8.60 ng/ul

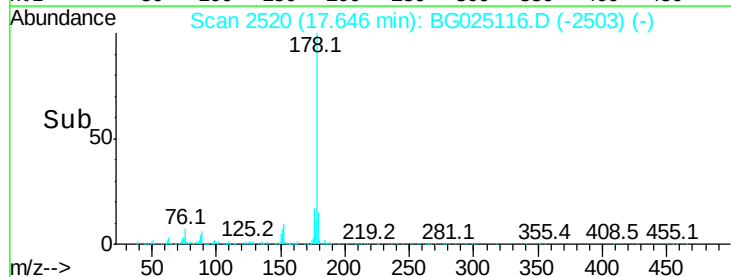
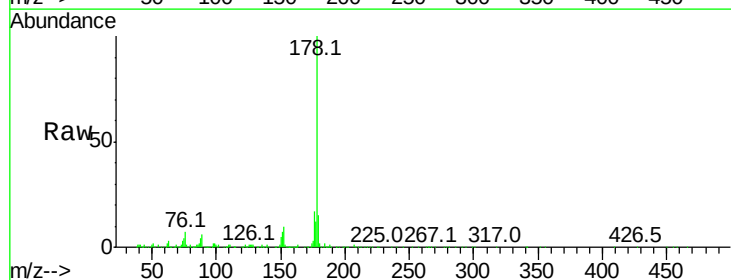
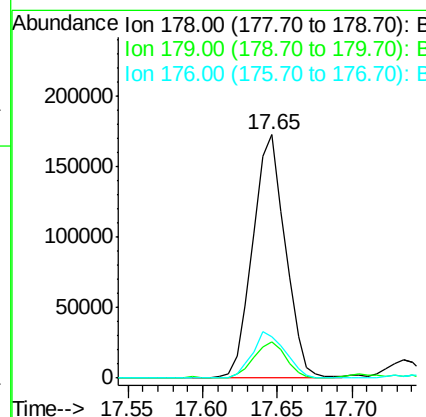
RT: 17.65 min Scan# 2520

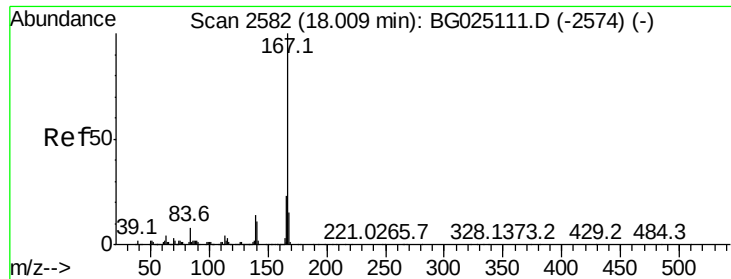
Delta R.T. 0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Tgt Ion:	178	Resp:	259707
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.4	18.6
176	17.2	16.5	24.7





#72

Carbazole

Concen: 1.77 ng/ul

RT: 18.00 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Instrument :

BNA_G

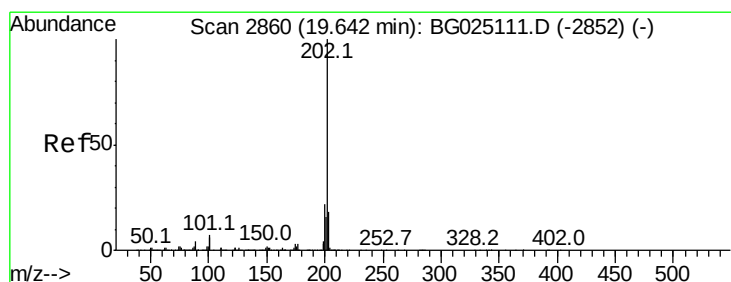
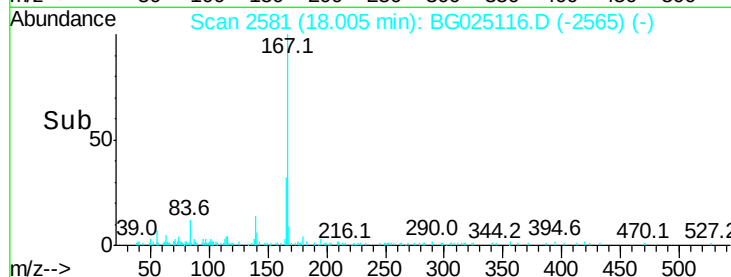
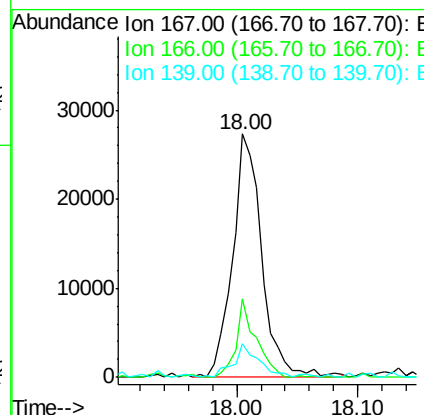
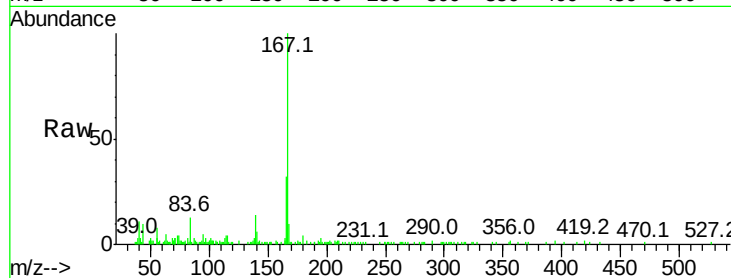
ClientSampleId :

DA8E0

Tot Ion	Ratio	Lower	Upper
167	100		
166	32.3	17.9	26.9#
139	14.1	10.5	15.7

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#74

Fluoranthene

Concen: 25.06 ng/ul

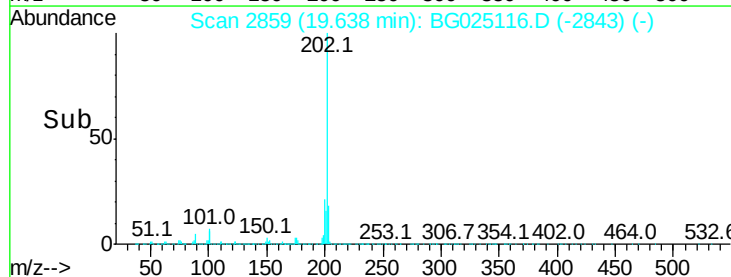
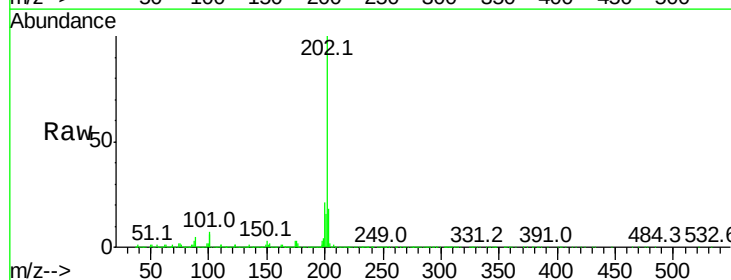
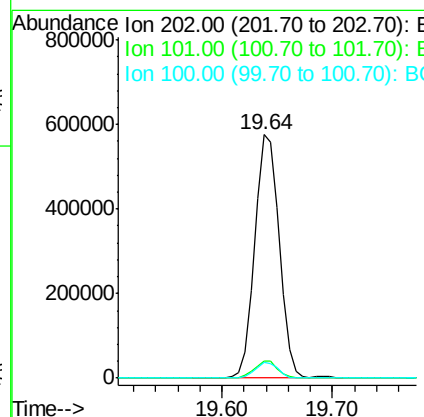
RT: 19.64 min Scan# 2859

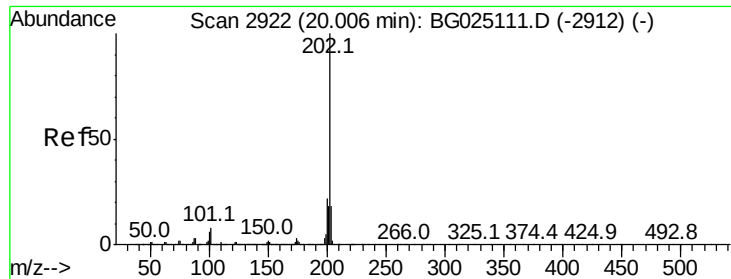
Delta R.T. -0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.2
100	6.3	5.2	7.8





#77

Pvrene

Concen: 20.12 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Instrument :

BNA_G

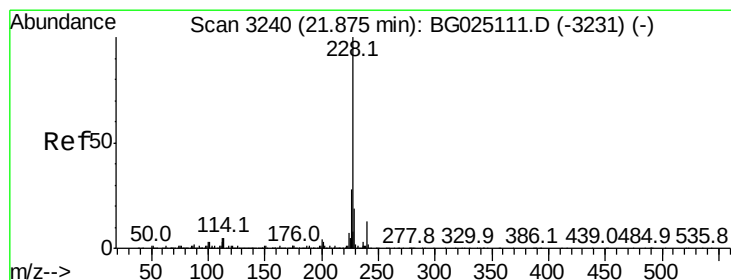
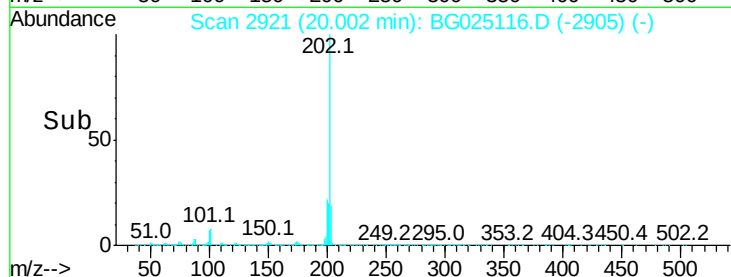
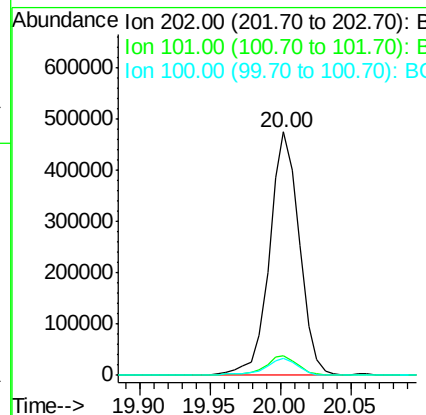
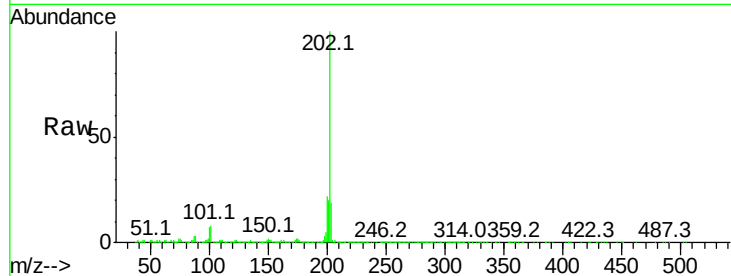
ClientSampleId :

DA8E0

Tot Ion:	202	Resp:	702406
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.9	10.3
100	7.0	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 8.20 ng/ul

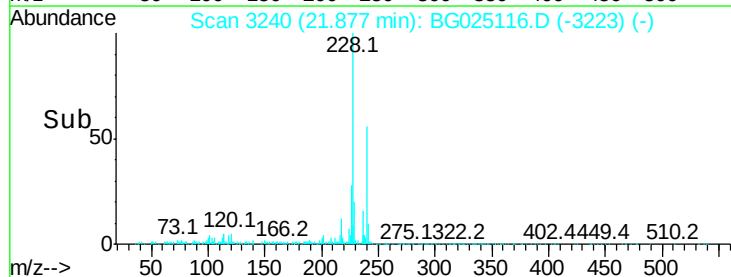
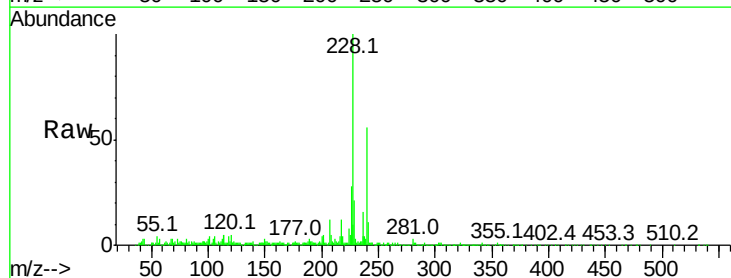
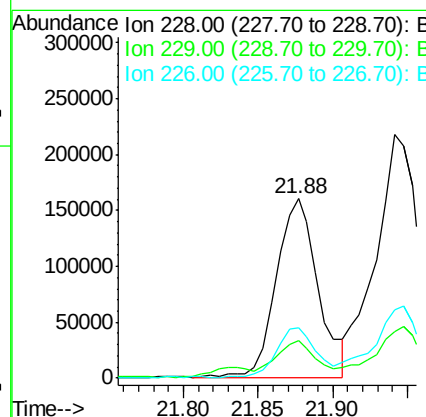
RT: 21.88 min Scan# 3240

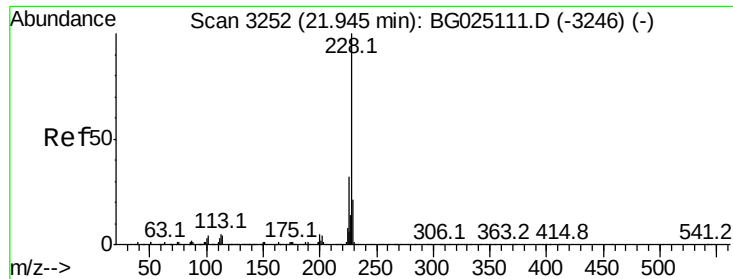
Delta R.T. 0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Tgt Ion:	228	Resp:	309606
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.3	24.5
226	28.0	21.9	32.9





#82

Chrysene

Concen: 12.13 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Instrument :

BNA_G

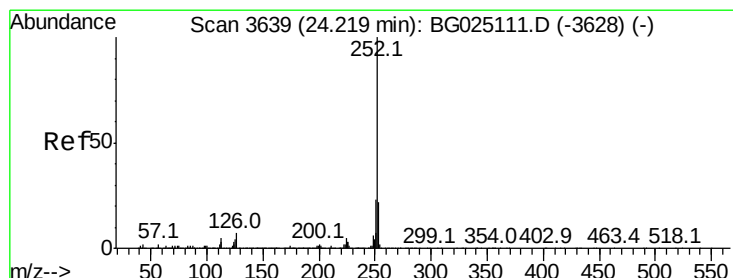
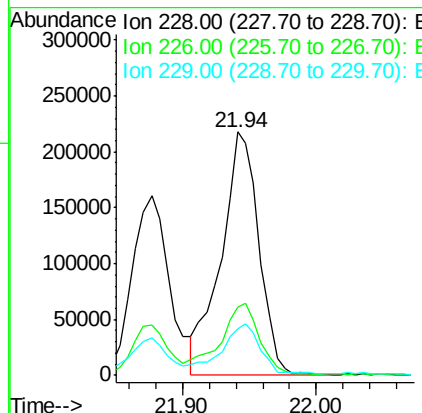
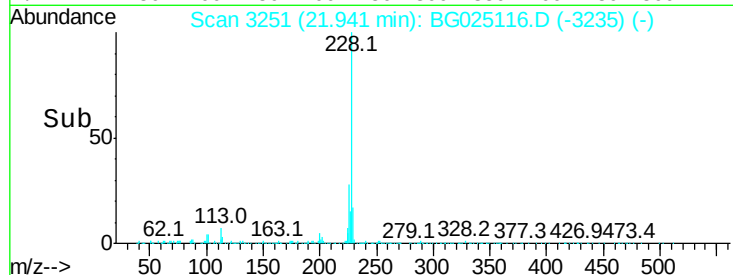
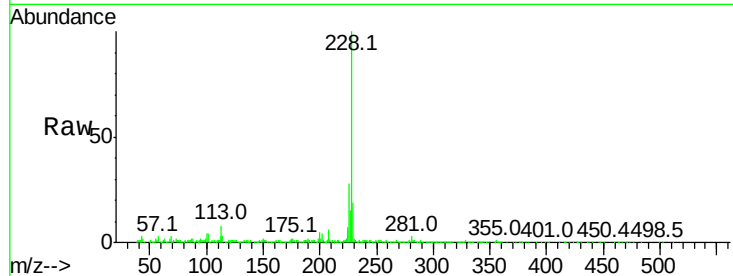
ClientSampleID :

DA8E0

Tot Ion:	228	Resp:	428345
Ion Ratio	Lower	Upper	
228	100		
226	28.0	24.0	36.0
229	19.4	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 15.29 ng/ul

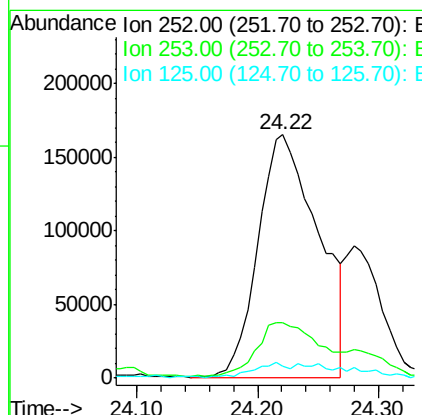
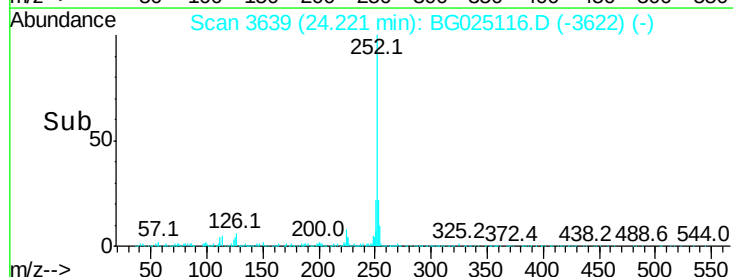
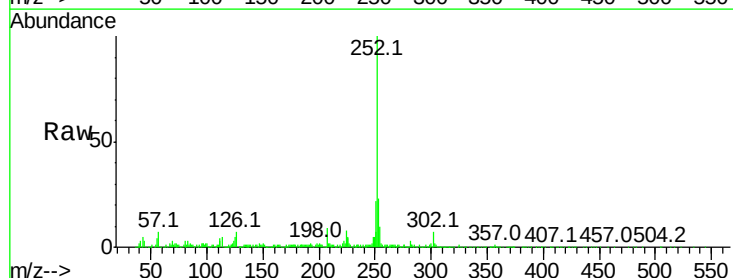
RT: 24.22 min Scan# 3639

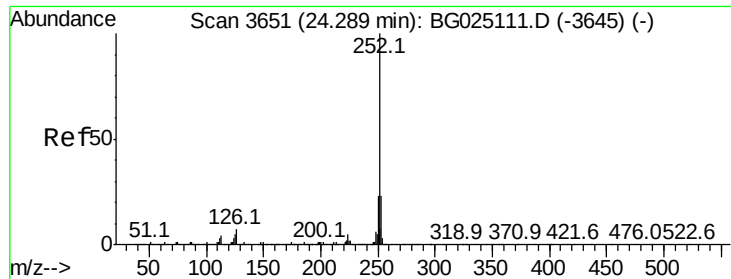
Delta R.T. 0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Tgt Ion:	252	Resp:	569449
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	4.9	4.0	6.0





#86

Benzo(k)fluoranthene

Concen: 5.28 ng/ul m

RT: 24.28 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Instrument :

BNA_G

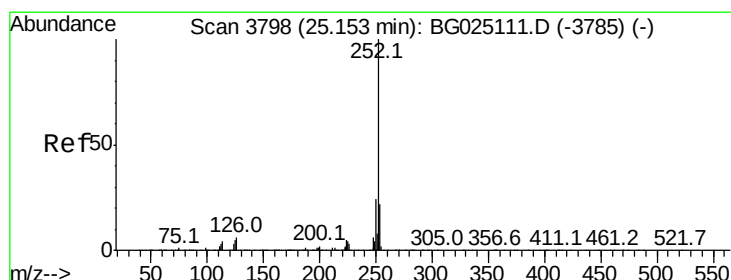
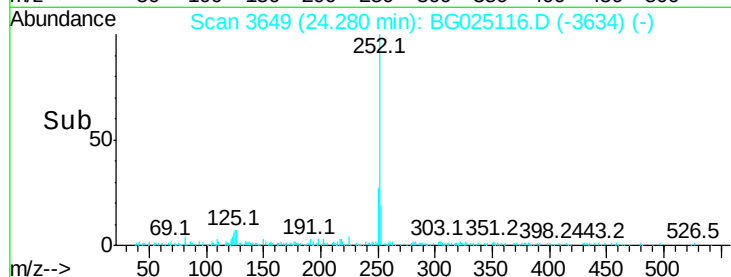
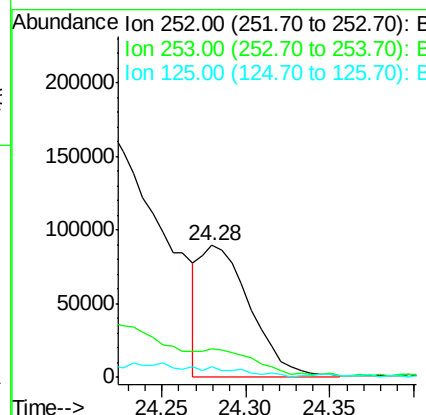
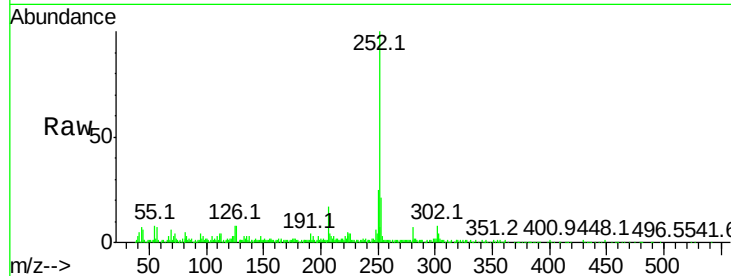
ClientSampled :

DA8E0

Tot Ion:	252	Resp:	187070
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.5	27.7
125	8.1	4.1	6.1#

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#88

Benzo(a)pyrene

Concen: 7.83 ng/ul

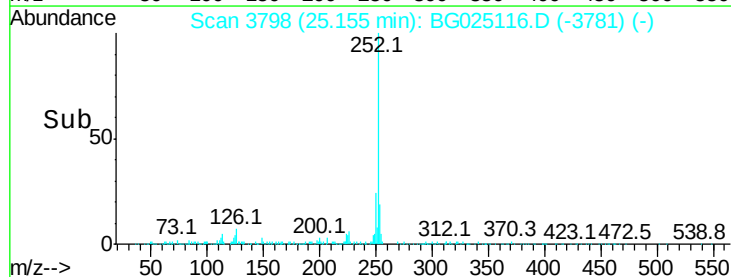
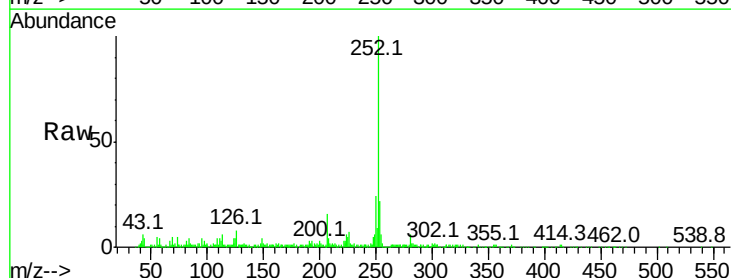
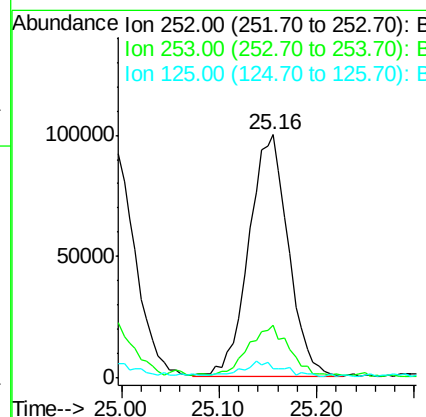
RT: 25.16 min Scan# 3798

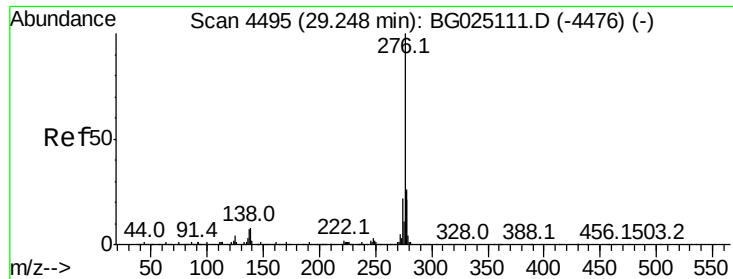
Delta R.T. 0.00 min

Lab File: BG025116.D

Acq: 12 Dec 2016 16:07

Tgt Ion:	252	Resp:	280374
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	4.0	5.4	8.0#





#89

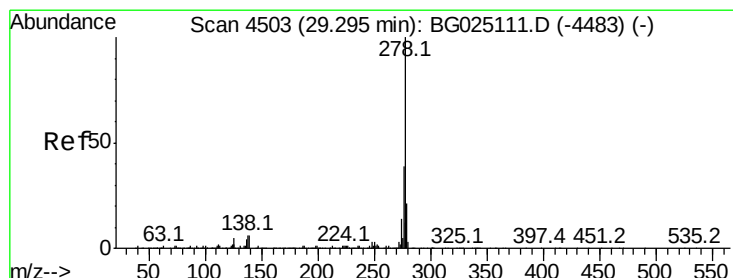
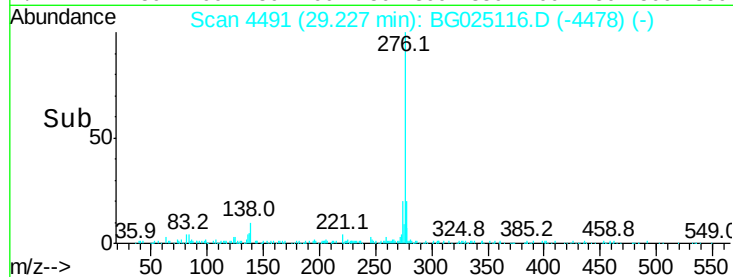
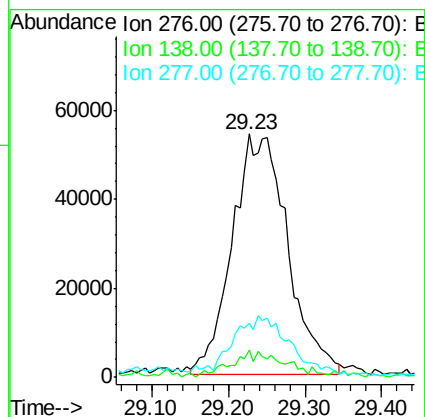
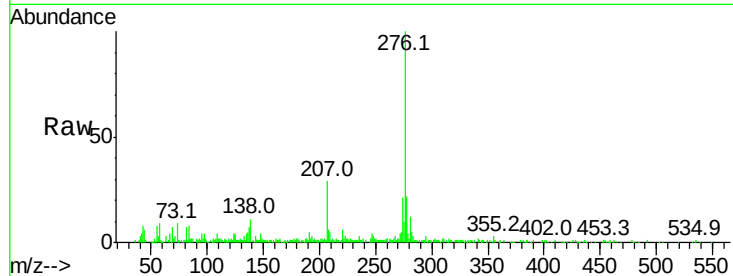
Indeno(1,2,3-cd)pyrene
Concen: 6.13 ng/ul m
RT: 29.23 min Scan# 4491
Delta R.T. -0.02 min
Lab File: BG025116.D
Acq: 12 Dec 2016 16:07

Instrument :
BNA_G
ClientSampled :
DA8E0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	11.1	8.2	12.4
277	22.1	18.6	28.0

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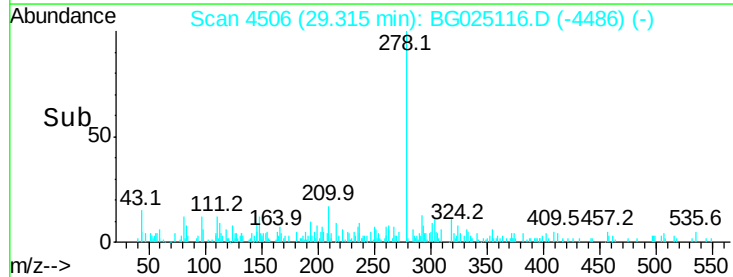
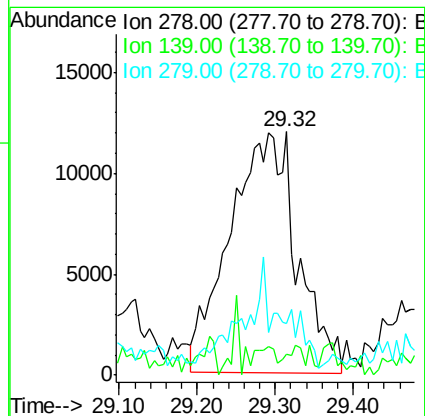
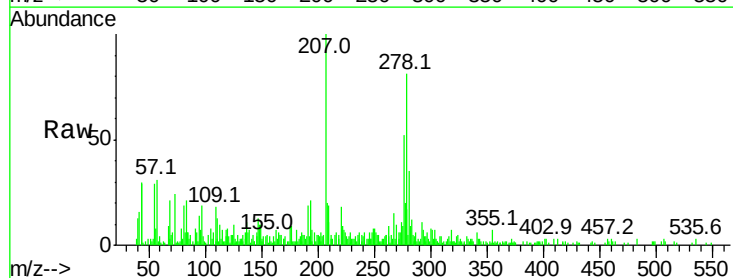
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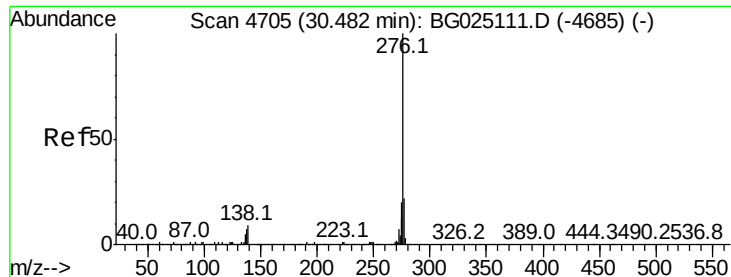


#90

Dibenzo(a,h)anthracene
Concen: 1.91 ng/ul m
RT: 29.32 min Scan# 4506
Delta R.T. 0.02 min
Lab File: BG025116.D
Acq: 12 Dec 2016 16:07

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	8.7	6.7	10.1
279	21.0	20.9	31.3





#91
 Benzo(a,h,i)perylene
 Concen: 6.35 ng/ul m
 RT: 30.47 min Scan# 4703
 Delta R.T. -0.01 min
 Lab File: BG025116.D
 Acq: 12 Dec 2016 16:07

Instrument :
 BNA_G
 ClientSampleId :
 DA8E0

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.6	12.8#
277	22.2	17.6	26.4

Manual Integrations
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