

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028481.D
 Acq On : 25 Aug 2017 5:21
 Operator : SJ/JU
 Sample : I4840-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN0

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:44:06 PM

Quant Time: Aug 25 15:43:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	45688	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	191951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135263	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	302536	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	350546	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	356678	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	1983	2.02	ng/uL	0.00
5) Phenol-d5	7.49	99	45304	9.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	30267	9.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	35088	11.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	19496	4.65	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	18840	12.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	22542	13.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	41006	12.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	21534	5.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	142084	11.81	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	168164	12.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	13785	7.21	ng/ul	0.00
57) Fluorene-d10	15.94	176	126925	11.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	12744	6.48	ng/ul	0.00
70) Anthracene-d10	17.79	188	192573	13.27	ng/ul	0.00
76) Pyrene-d10	20.07	212	227618	12.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	225931	13.53	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.52	94	6318	1.267 ng/ul	98
44) Dimethylphthalate	14.38	163	61092	5.515 ng/ul	97
69) Phenanthrene	17.74	178	33474	2.199 ng/ul#	93
74) Fluoranthene	19.74	202	98583	5.328 ng/ul	98
77) Pyrene	20.10	202	87037	4.162 ng/ul	98
80) Benzo(a)anthracene	22.01	228	60606	2.992 ng/ul	98
82) Chrysene	22.08	228	58116	3.186 ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	86917	4.072 ng/ul#	92
86) Benzo(k)fluoranthene	24.47	252	36688m	1.760 ng/ul	
88) Benzo(a)pyrene	25.37	252	67451	3.264 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.55	276	55487	2.293 ng/ul#	96
91) Benzo(g,h,i)perylene	30.83	276	45657	2.293 ng/ul	99

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

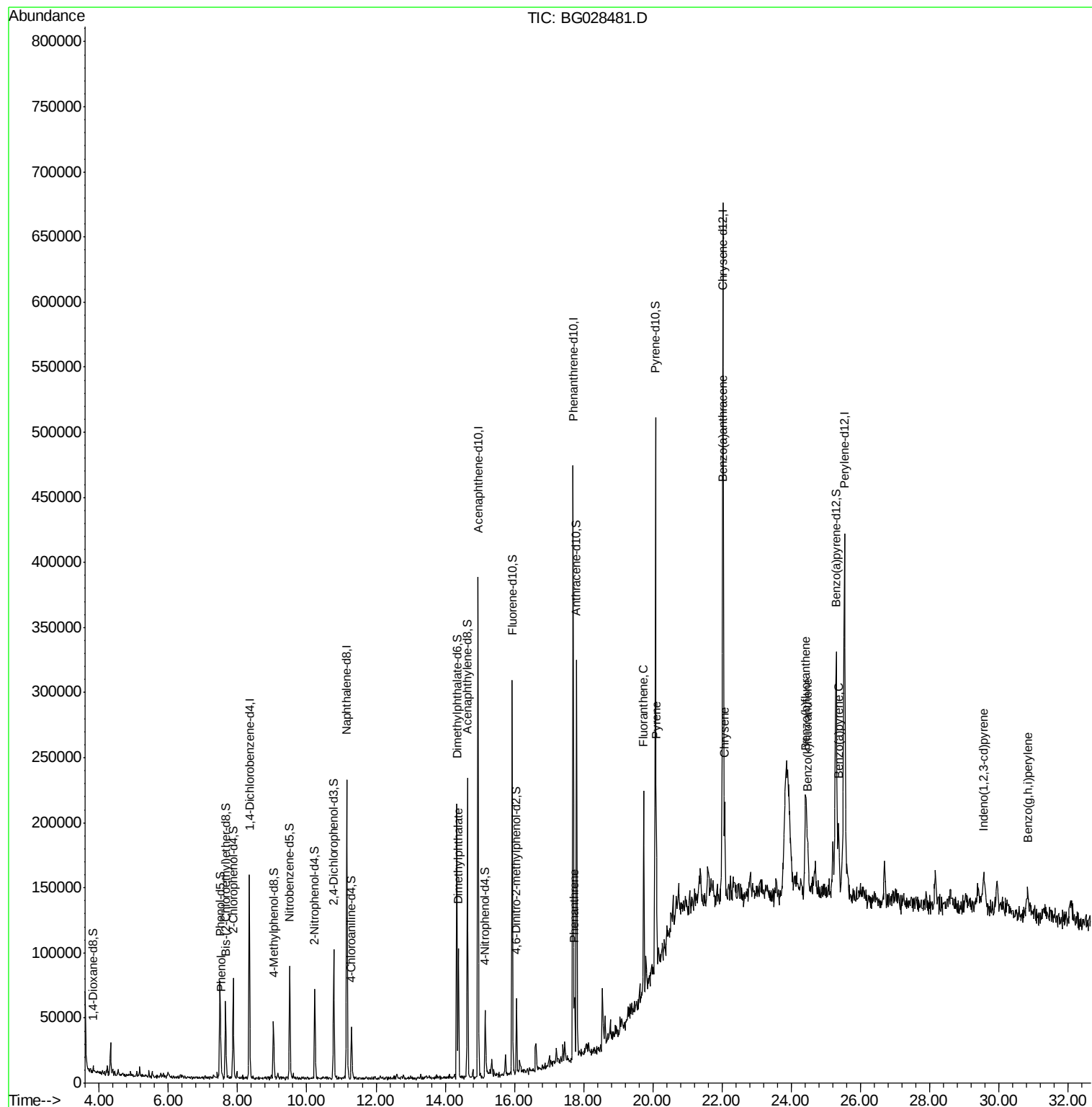
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028481.D
Acq On : 25 Aug 2017 5:21
Operator : SJ/JU
Sample : I4840-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

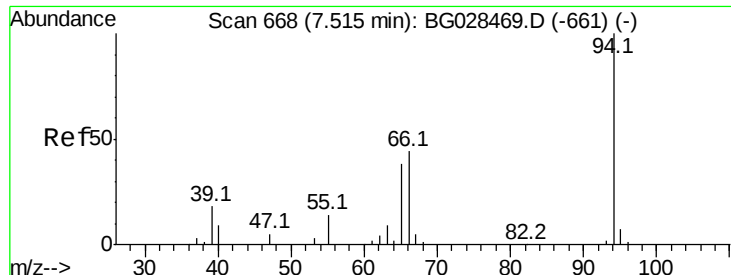
Instrument :
BNA_G
ClientSampled :
B0AN0

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Quant Time: Aug 25 15:43:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.267 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Instrument :

BNA_G

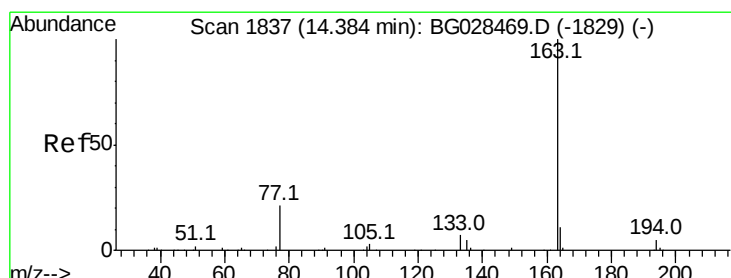
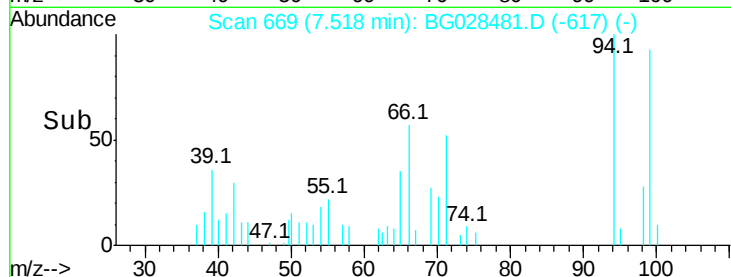
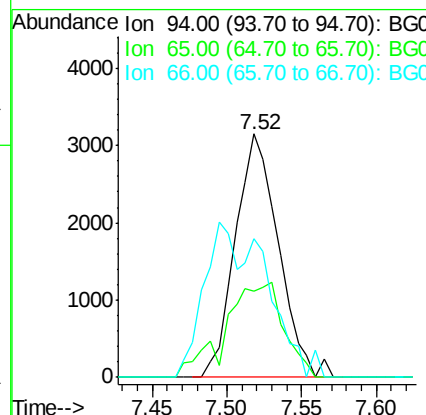
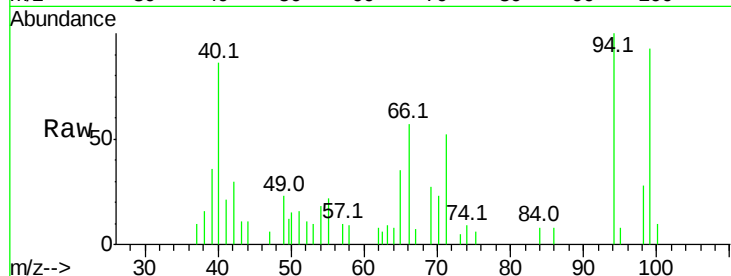
ClientSampled :

B0AN0

Tot Ion:	94	Resp:	6318
Ion	Ratio	Lower	Upper
94	100		
65	35.3	26.8	40.2
66	57.0	44.4	66.6

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#44

Dimethylphthalate

Concen: 5.515 ng/ul

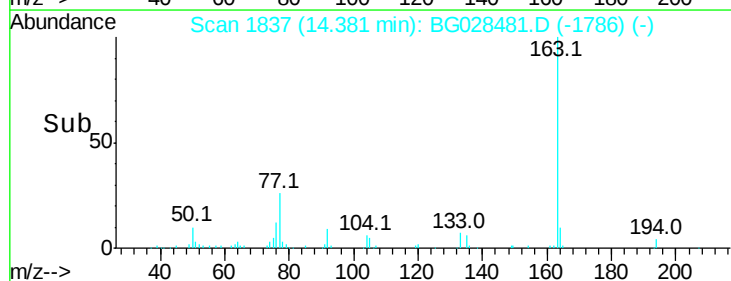
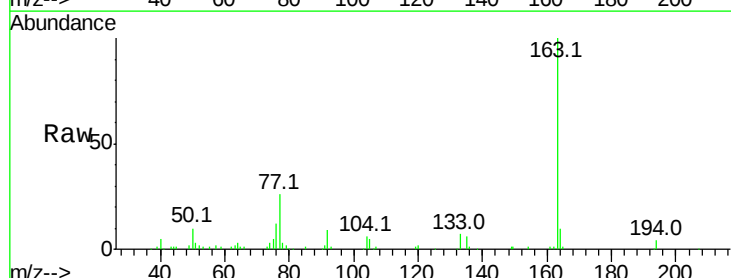
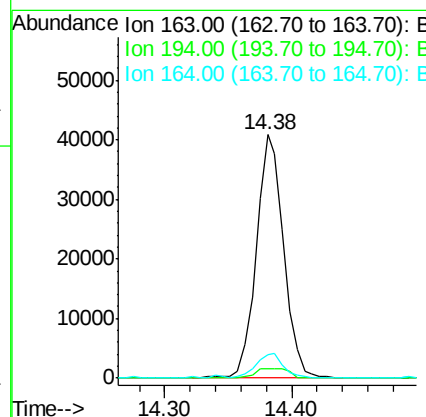
RT: 14.38 min Scan# 1837

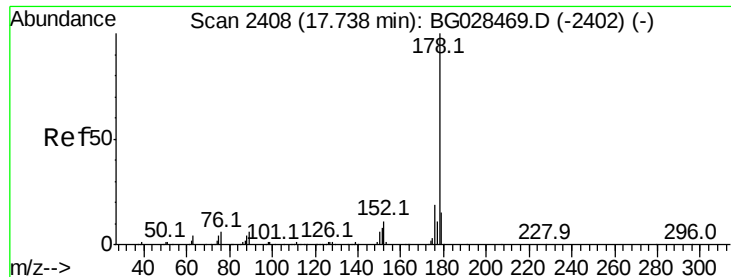
Delta R.T. -0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Tgt Ion:	163	Resp:	61092
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.8	9.0	13.4





#69

Phenanthrene

Concen: 2.199 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Instrument :

BNA_G

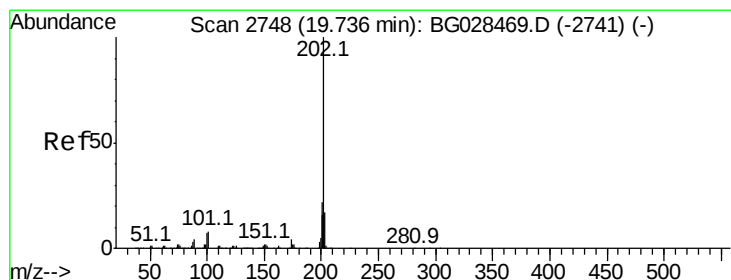
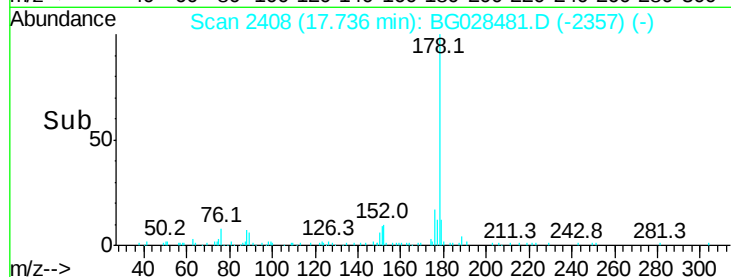
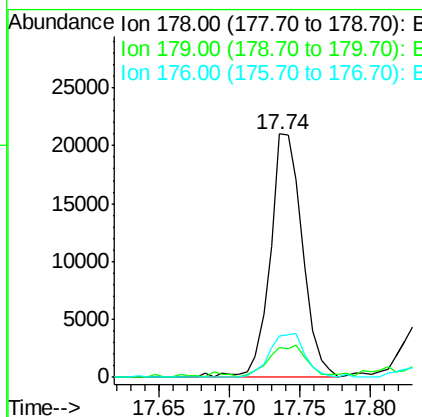
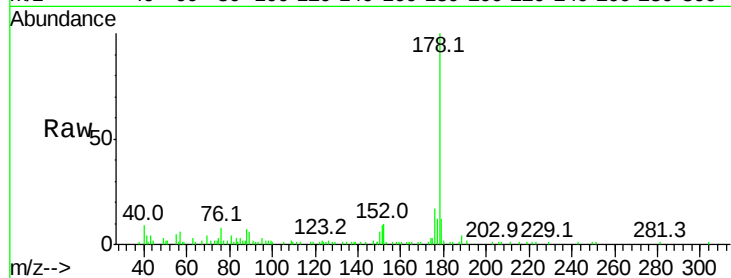
ClientSampleId :

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Tot Ion:	178	Resp:	33474
Ion Ratio	Lower	Upper	
178	100		
179	12.2	12.4	18.6#
176	17.3	16.5	24.7

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#74

Fluoranthene

Concen: 5.328 ng/ul

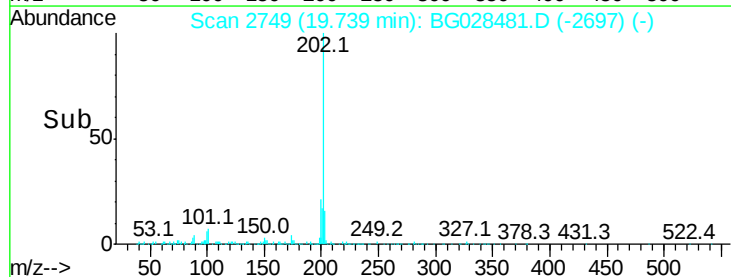
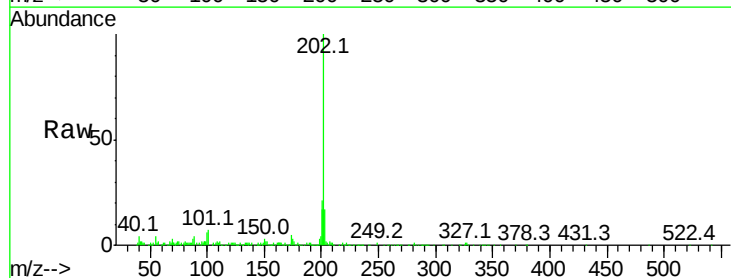
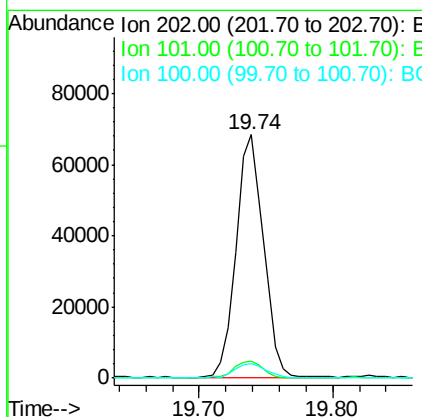
RT: 19.74 min Scan# 2749

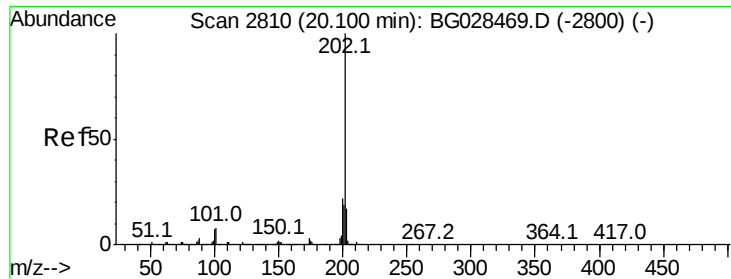
Delta R.T. 0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Tgt Ion:	202	Resp:	98583
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.2	9.2
100	6.1	5.2	7.8





#77

Pvrene

Concen: 4.162 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Instrument :

BNA_G

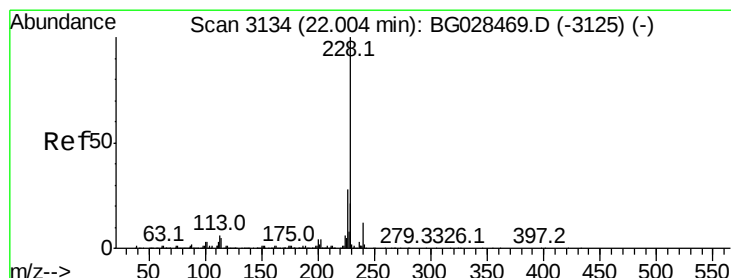
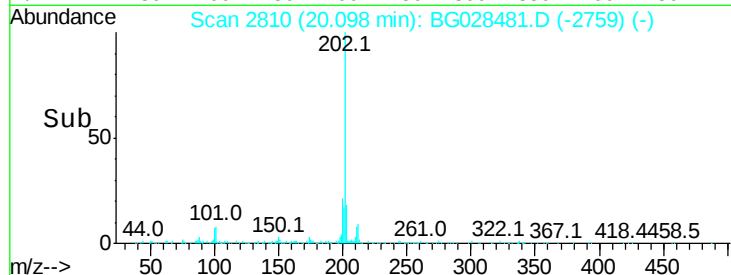
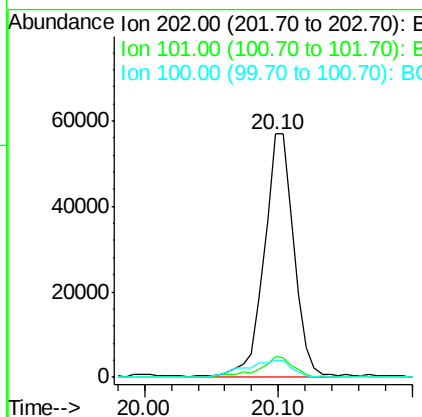
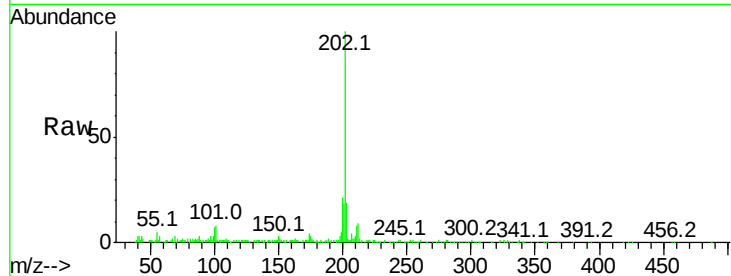
ClientSampleId :

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Tot Ion:	202	Resp:	87037
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	7.0	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 2.992 ng/ul

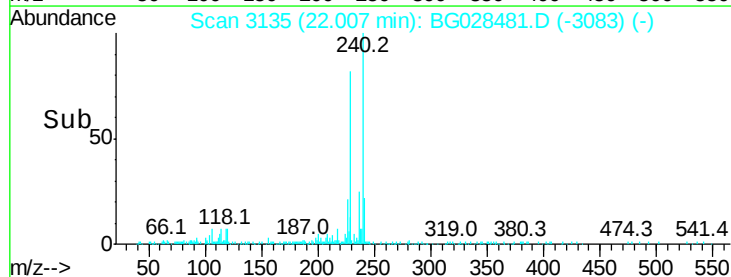
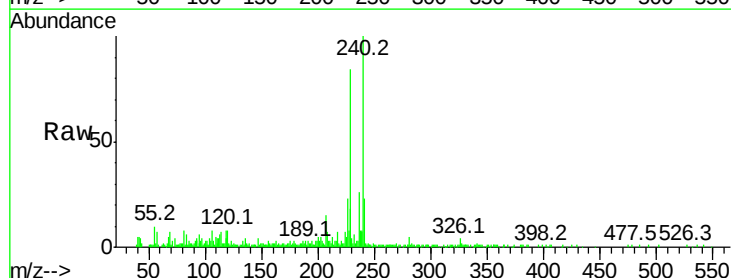
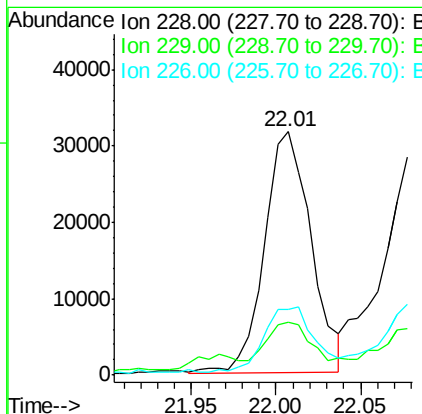
RT: 22.01 min Scan# 3135

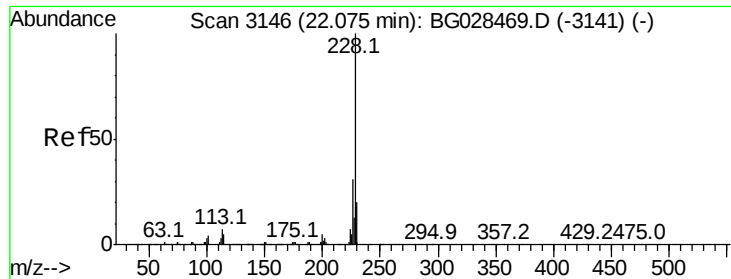
Delta R.T. 0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Tgt Ion:	228	Resp:	60606
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.3	24.5
226	26.8	21.9	32.9





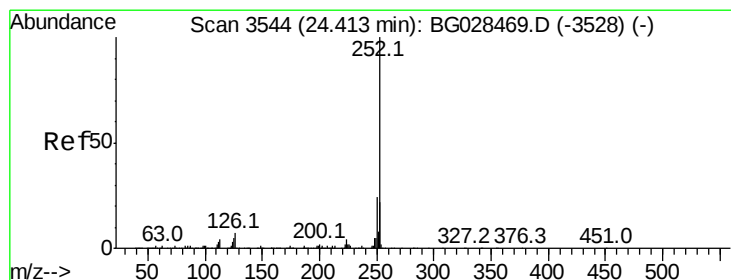
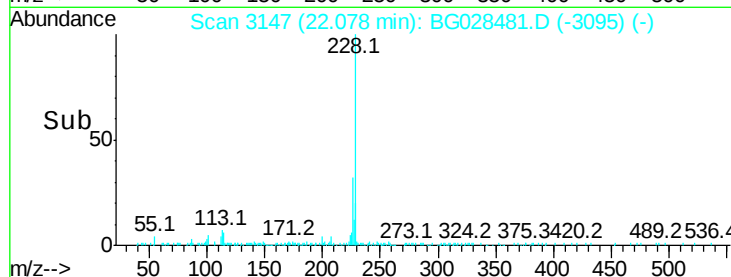
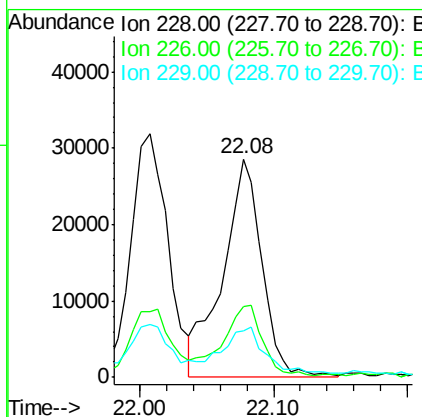
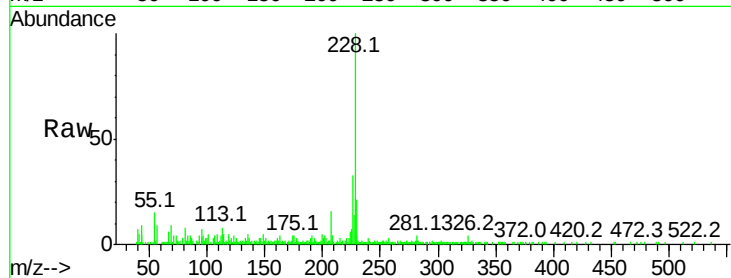
#82
Chrysene
Concen: 3.186 ng/ul
RT: 22.08 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG028481.D
Acq: 25 Aug 2017 5:21

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.0	36.0
229	21.5	16.9	25.3

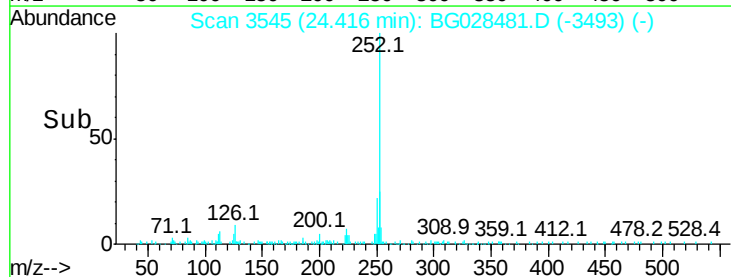
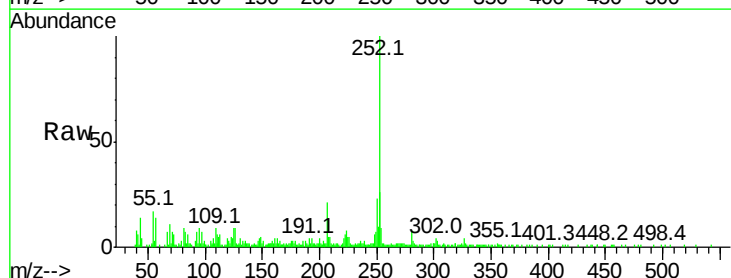
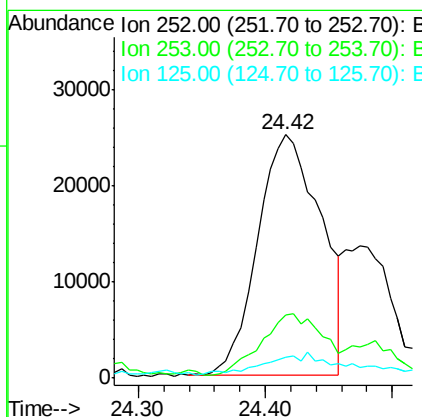
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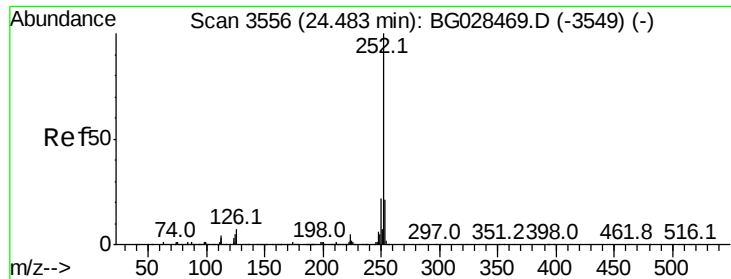
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#85
Benzo(b)fluoranthene
Concen: 4.072 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG028481.D
Acq: 25 Aug 2017 5:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	8.6	4.0	6.0





#86

Benzo(k)fluoranthene

Concen: 1.760 ng/ul m

RT: 24.47 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Instrument :

BNA_G

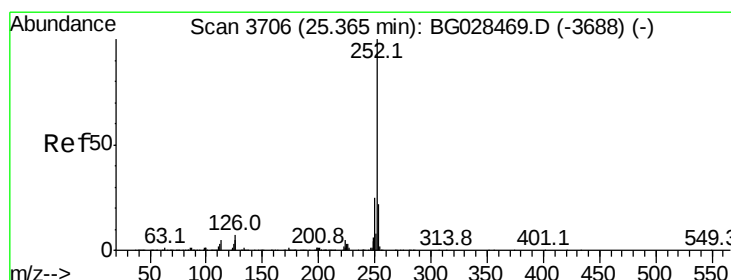
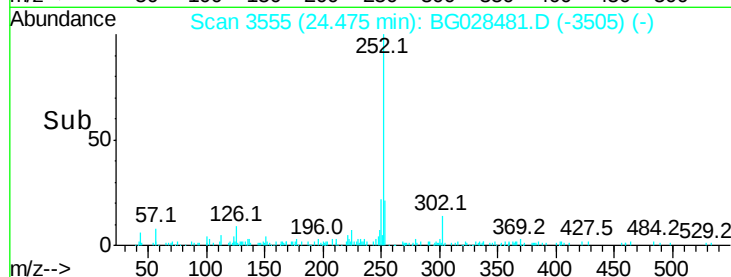
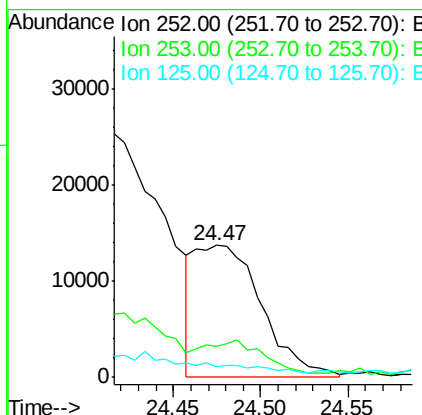
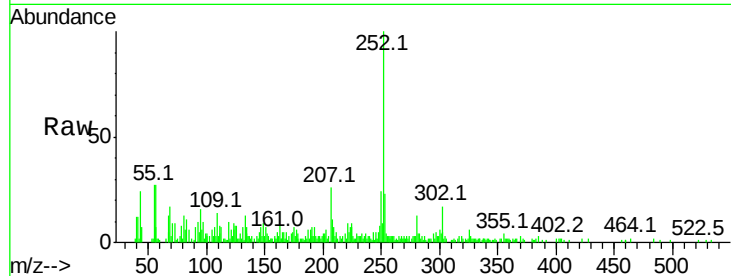
ClientSampleId :

B0AN0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	7.9	4.1	6.1

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#88

Benzo(a)pyrene

Concen: 3.264 ng/ul

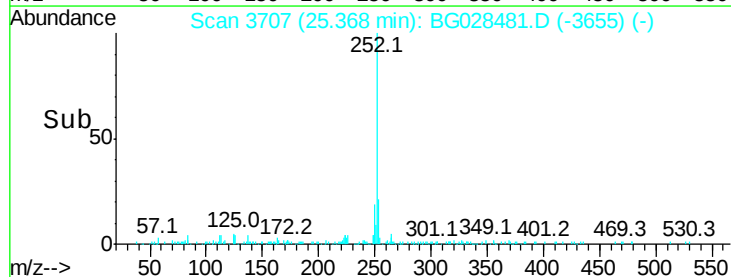
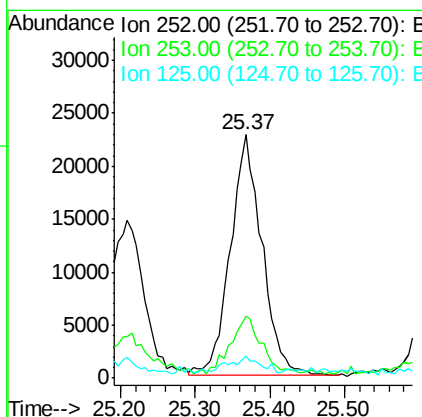
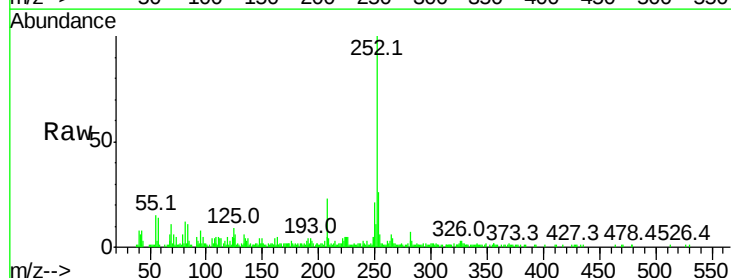
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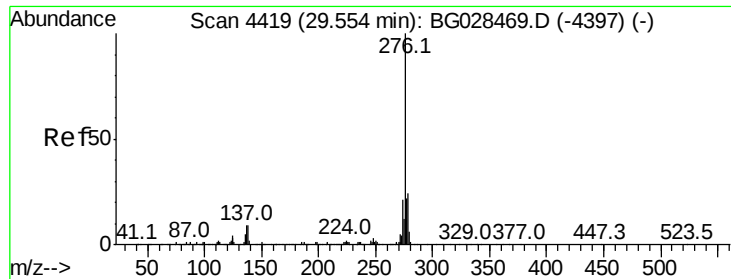
Delta R.T. 0.00 min

Lab File: BG028481.D

Acq: 25 Aug 2017 5:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	9.1	5.4	8.0





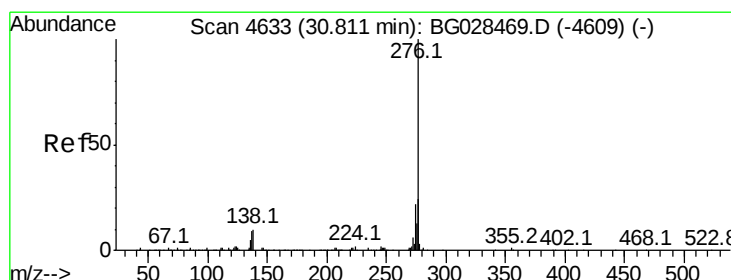
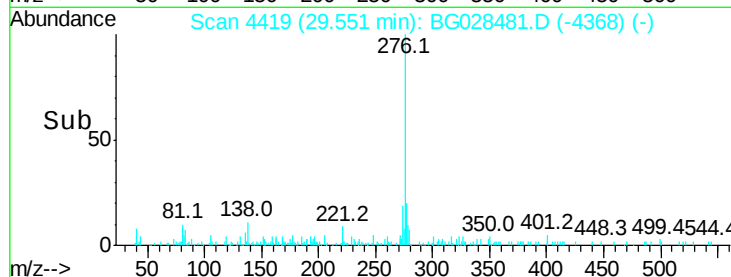
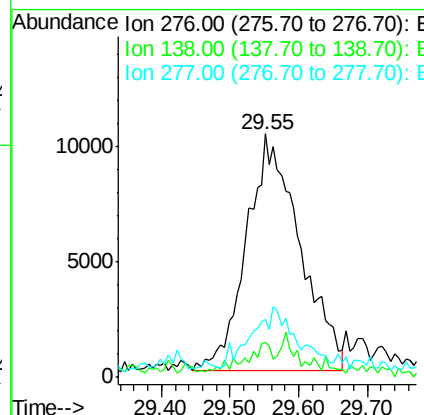
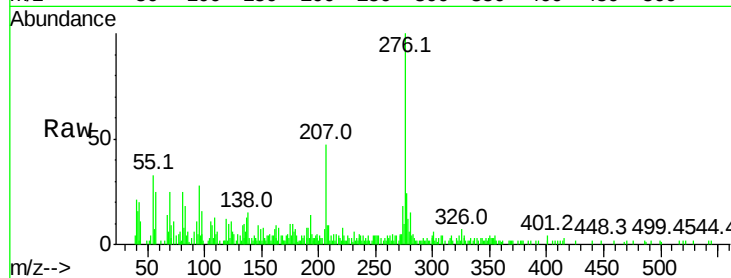
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.293 ng/ul
 RT: 29.55 min Scan# 4419
 Delta R.T. -0.00 min
 Lab File: BG028481.D
 Acq: 25 Aug 2017 5:21

Instrument :
 BNA_G
 ClientSampleId :
 B0AN0

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.2	12.4#
277	23.8	18.6	28.0

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#91
 Benzo(g,h,i)perylene
 Concen: 2.293 ng/ul
 RT: 30.83 min Scan# 4637
 Delta R.T. 0.02 min
 Lab File: BG028481.D
 Acq: 25 Aug 2017 5:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.6	12.8
277	21.9	17.6	26.4

