

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016041.D
 Acq On : 25 Feb 2015 18:08
 Operator : TP/IZ
 Sample : G1354-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE2

Manual Integrations
 APPROVED

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 2/27/2015 10:57:55 AM

Quant Time: Feb 26 01:26:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93709	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	441432	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	276103	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	550278	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	521582	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	511236	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	113718	12.76	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	64976	12.34	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	86700	13.14	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	85229	12.92	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	39910	12.79	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	31850	11.07	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	75763	12.14	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	108332	15.75	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	249552	13.52	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	344852	13.20	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	25121	6.77	ng/ul	0.00
55) Fluorene-d10	15.42	176	241625	13.02	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	13558	6.39	ng/ul	0.00
68) Anthracene-d10	17.27	188	341338	13.08	ng/ul	0.00
76) Pyrene-d10	19.57	212	335696	13.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	307291	13.26	ng/ul	0.00

Target Compounds

						Qvalue
4) Phenol	6.99	94	12860	1.37	ng/ul	94
42) Dimethylphthalate	13.89	163	24426	1.27	ng/ul	98
67) Phenanthrene	17.22	178	51349	1.68	ng/ul	96
74) Fluoranthene	19.23	202	212831	6.36	ng/ul	98
77) Pyrene	19.59	202	193754	6.11	ng/ul	94
80) Benzo(a)anthracene	21.33	228	102764	3.54	ng/ul	98
82) Chrysene	21.39	228	92703	3.35	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	134647	4.72	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	45420m	1.59	ng/ul	
88) Benzo(a)pyrene	23.55	252	98140	3.47	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.00	276	65007	1.97	ng/ul	94
91) Benzo(g,h,i)perylene	26.73	276	62300	2.26	ng/ul	96

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

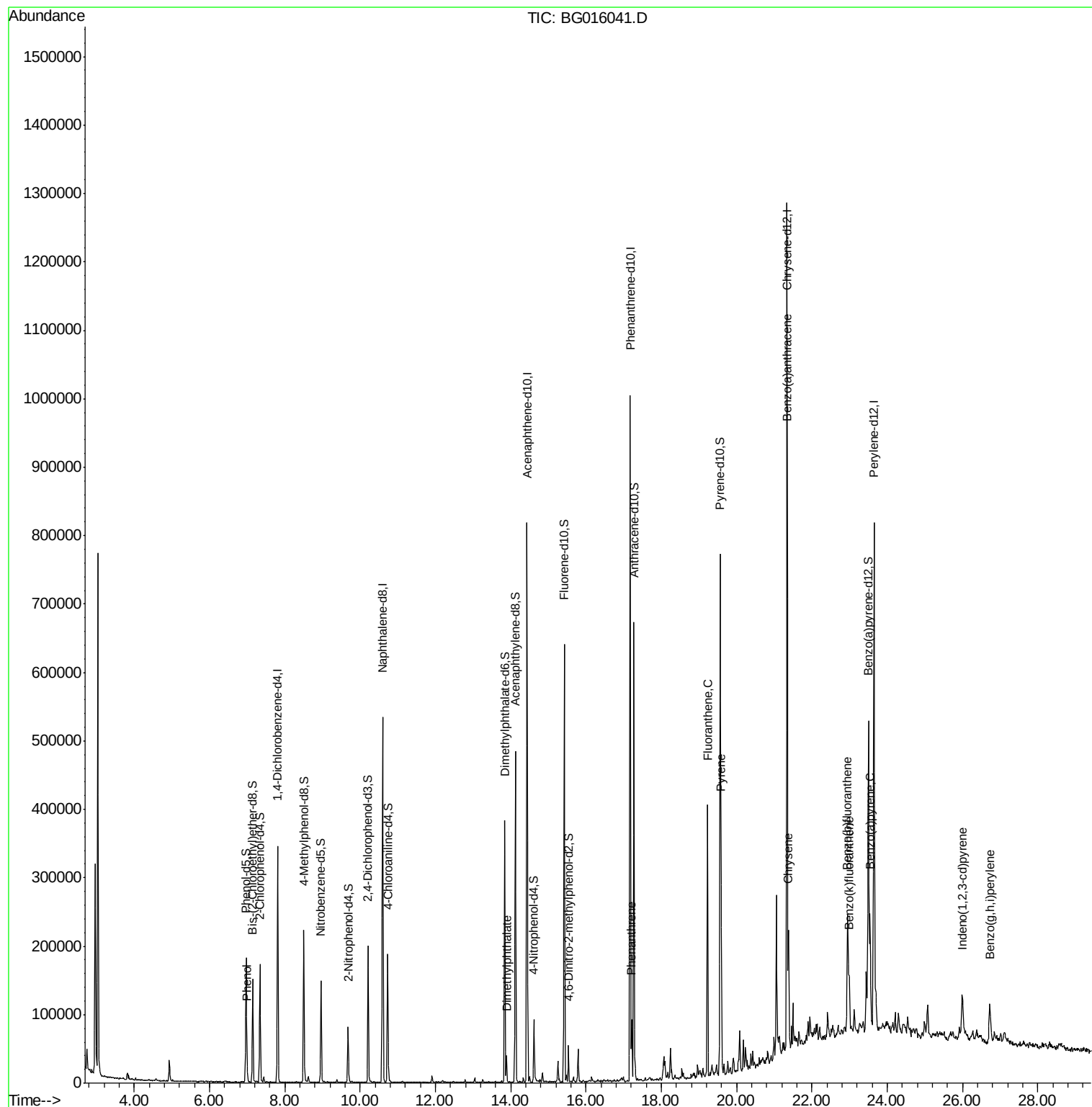
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
Data File : BG016041.D
Acq On : 25 Feb 2015 18:08
Operator : TP/IZ
Sample : G1354-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

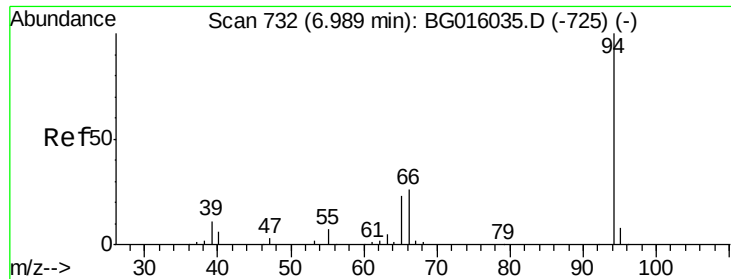
Instrument :
BNA_G
ClientSampleId :
C0AE2

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Quant Time: Feb 26 01:26:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 26 00:35:32 2015
Response via : Initial Calibration





#4

Phenol

Concen: 1.37 ng/ul

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016041.D

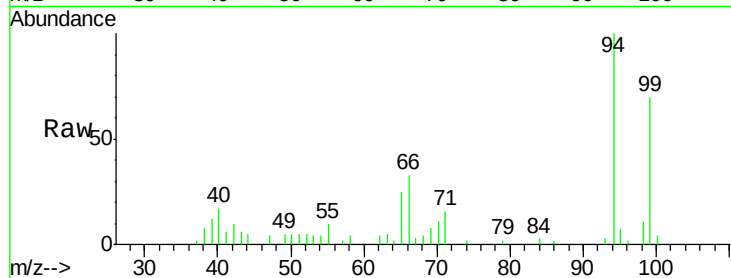
Acq: 25 Feb 2015 18:08

Instrument :

BNA_G

ClientSampled :

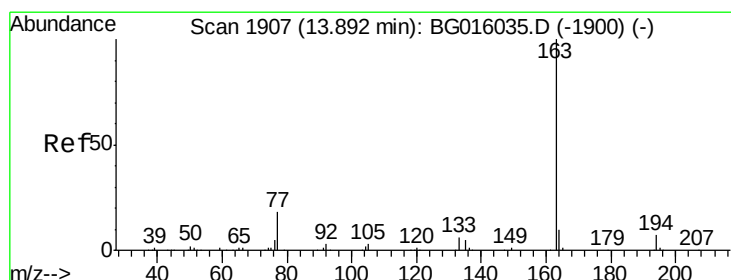
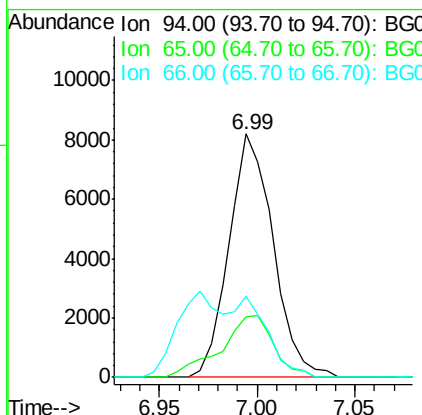
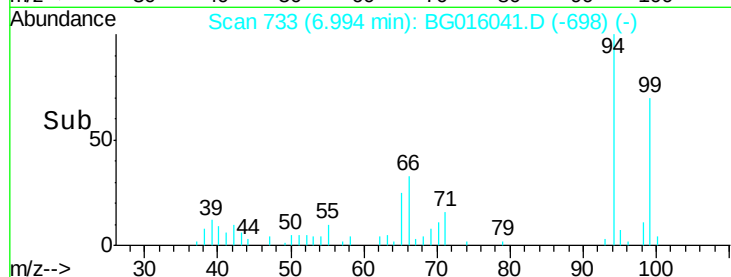
C0AE2



Tgt Ion:	94	Resp:	12860
Ion Ratio	Lower	Upper	
94	100		
65	24.7	20.8	31.2
66	33.4	22.6	34.0

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#42

Dimethylphthalate

Concen: 1.27 ng/ul

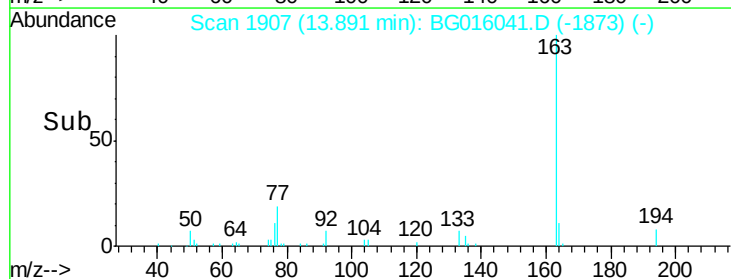
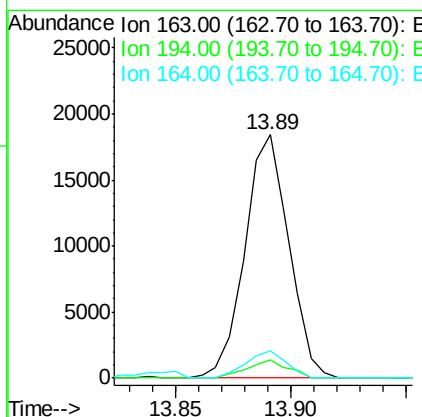
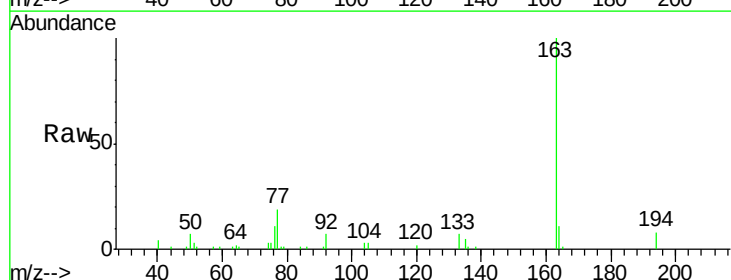
RT: 13.89 min Scan# 1907

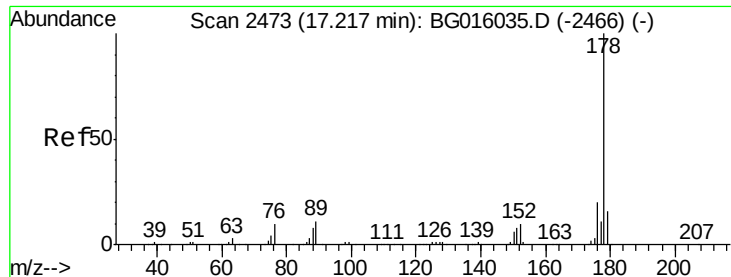
Delta R.T. -0.00 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Tgt Ion:	163	Resp:	24426
Ion Ratio	Lower	Upper	
163	100		
194	7.6	5.3	7.9
164	11.4	8.5	12.7





#67

Phenanthrene

Concen: 1.68 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Instrument :

BNA_G

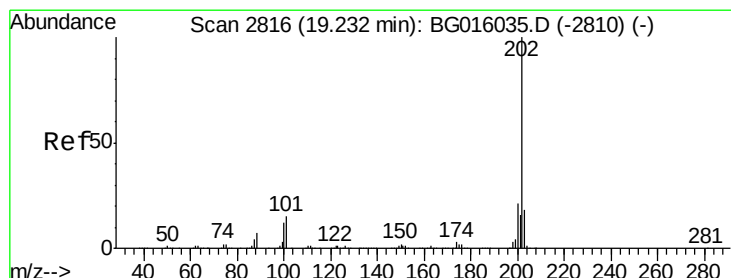
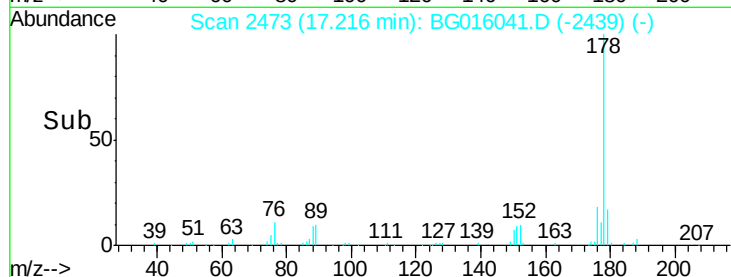
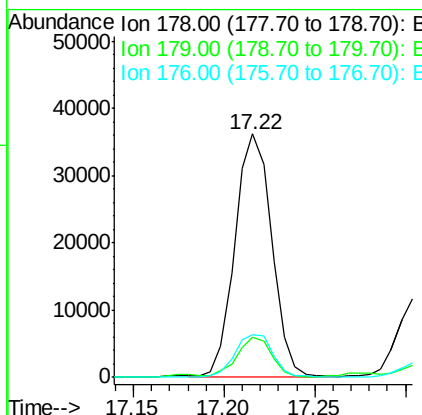
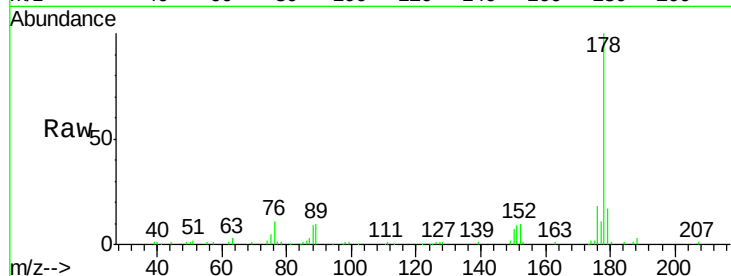
ClientSampleId :

C0AE2

Tgt Ion:	178	Resp:	51349
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	17.7	16.5	24.7

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#74

Fluoranthene

Concen: 6.36 ng/ul

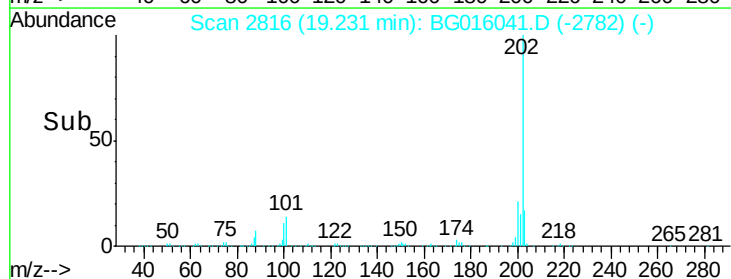
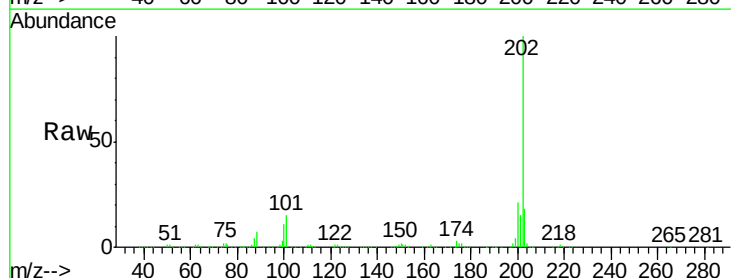
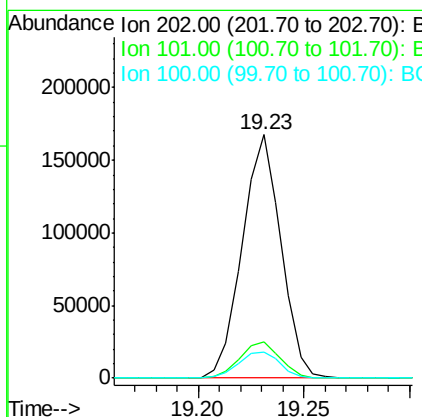
RT: 19.23 min Scan# 2816

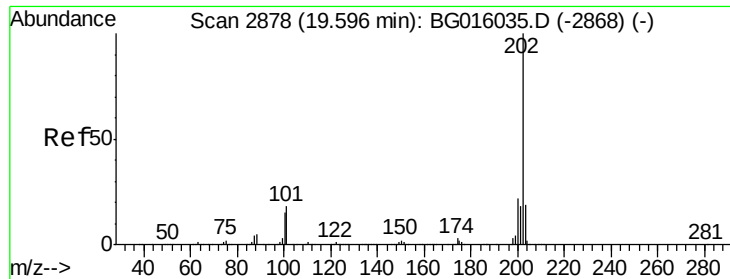
Delta R.T. -0.00 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Tgt Ion:	202	Resp:	212831
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.3	18.5
100	10.9	9.8	14.6





#77

Pyrene

Concen: 6.11 ng/ul

RT: 19.59 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Instrument :

BNA_G

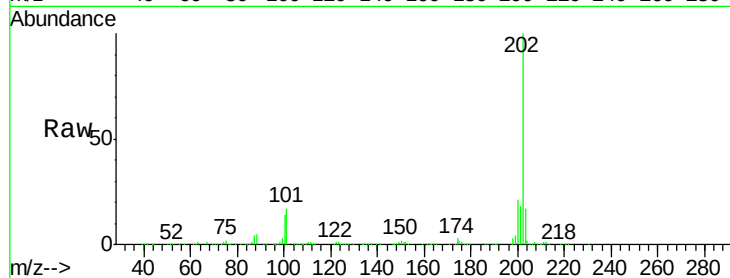
ClientSampleId :

C0AE2

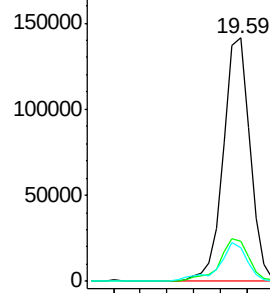
Tgt Ion:	202	Resp:	193754
Ion Ratio	Lower	Upper	
202	100		
101	16.6	15.8	23.8
100	14.0	12.7	19.1

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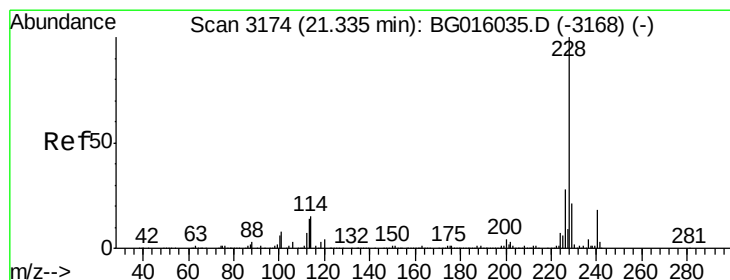
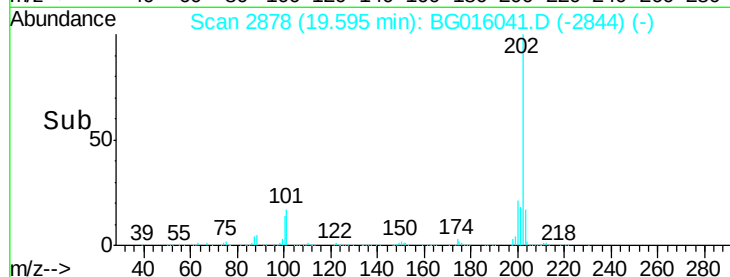
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 3.54 ng/ul

RT: 21.33 min Scan# 3174

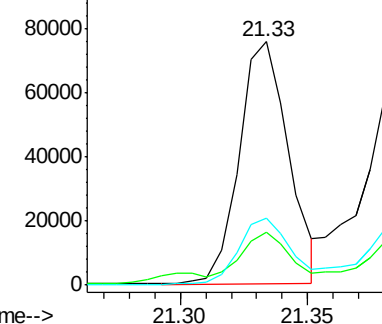
Delta R.T. -0.00 min

Lab File: BG016041.D

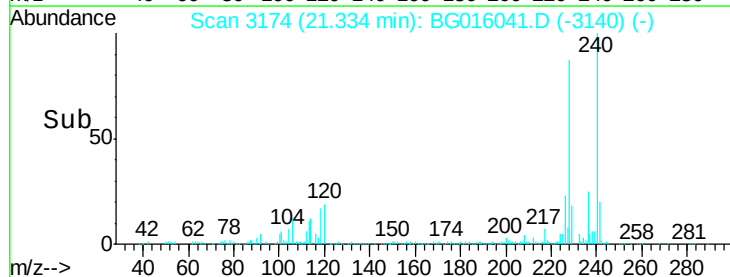
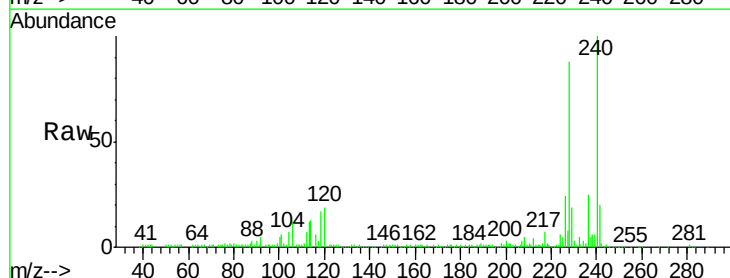
Acq: 25 Feb 2015 18:08

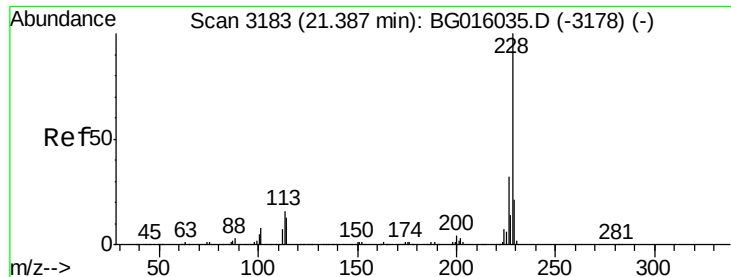
Tgt Ion:	228	Resp:	102764
Ion Ratio	Lower	Upper	
228	100		
229	22.0	16.4	24.6
226	27.7	22.8	34.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time-->





#82

Chrysene

Concen: 3.35 ng/ul

RT: 21.39 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Instrument :

BNA_G

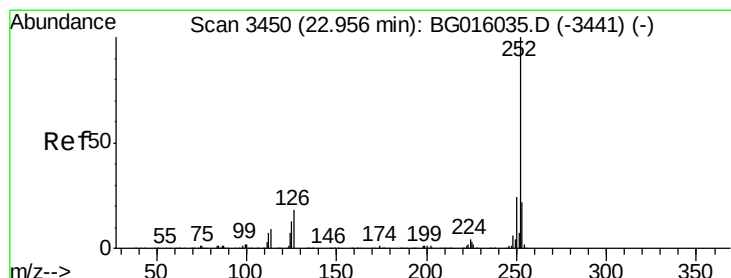
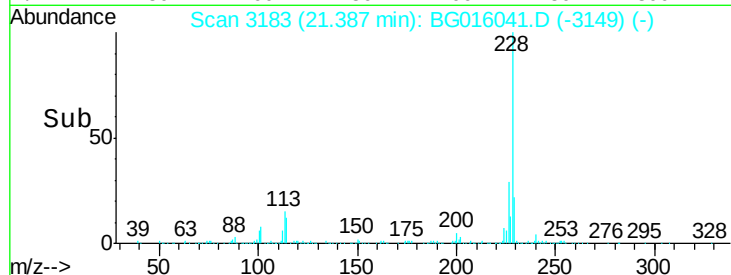
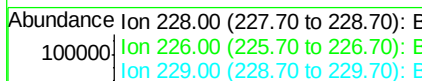
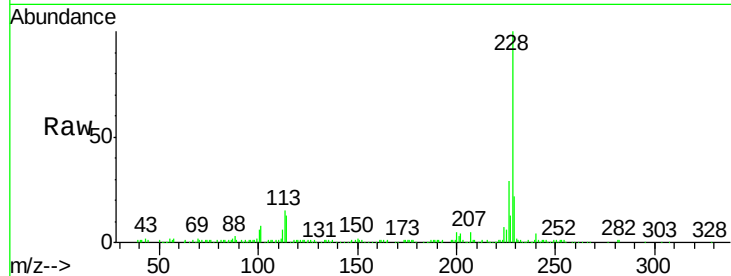
ClientSampled :

C0AE2

Tgt Ion:	228	Resp:	92703
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.7	37.1
229	22.4	17.0	25.6

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#85

Benzo(b)fluoranthene

Concen: 4.72 ng/ul

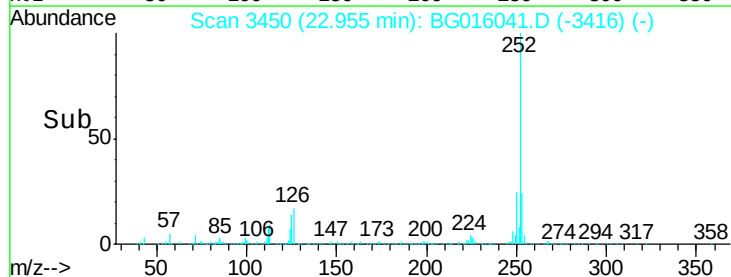
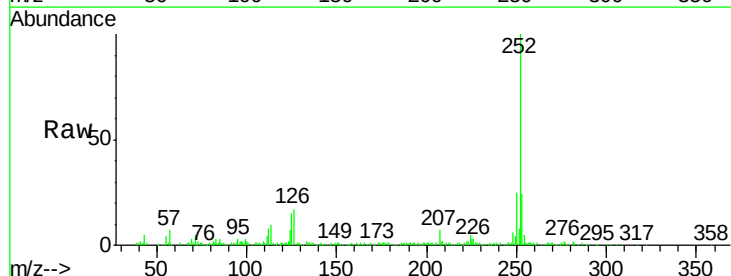
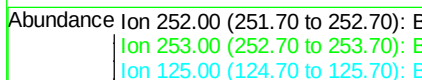
RT: 22.96 min Scan# 3450

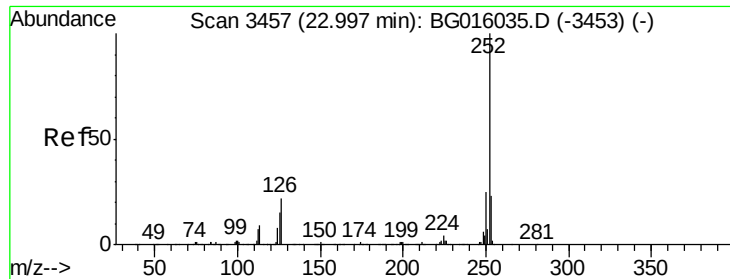
Delta R.T. -0.00 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Tgt Ion:	252	Resp:	134647
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.2	27.2
125	15.0	11.9	17.9





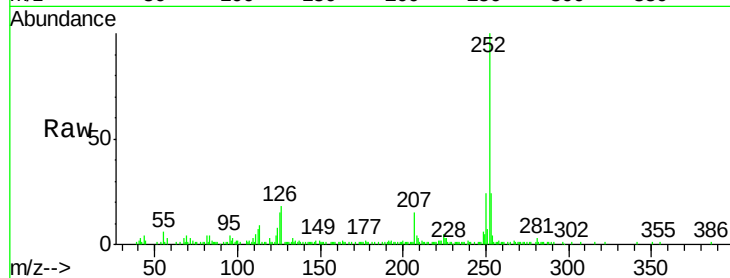
#86
Benzo(k)fluoranthene
Concen: 1.59 ng/ul m
RT: 22.99 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Instrument :
BNA_G
ClientSampleId :
C0AE2

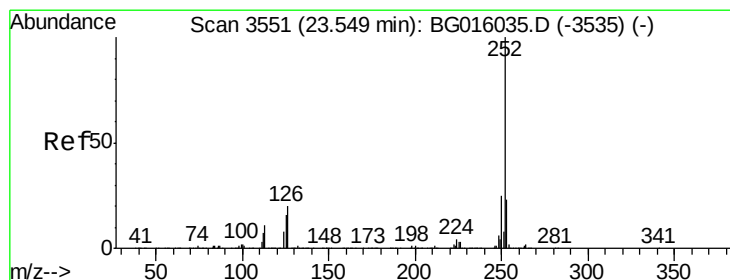
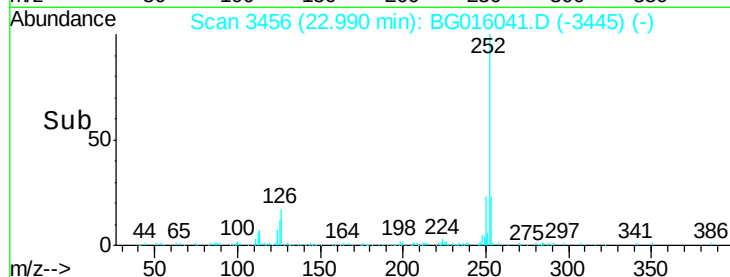
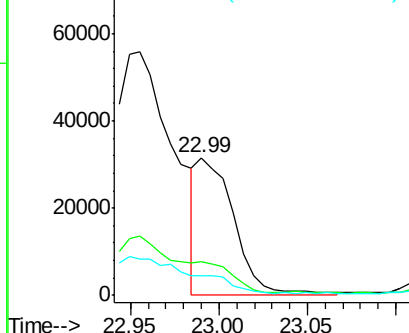
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	14.6	11.4	17.2

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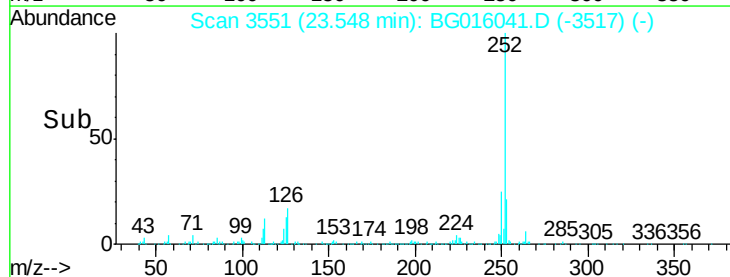
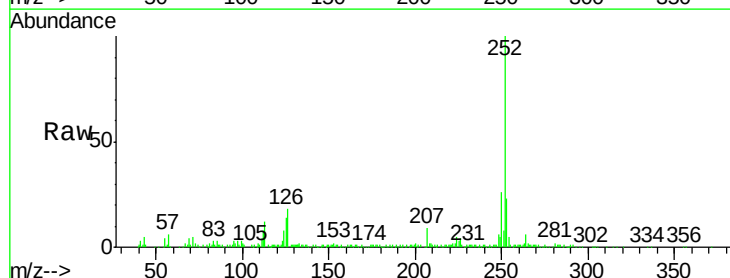
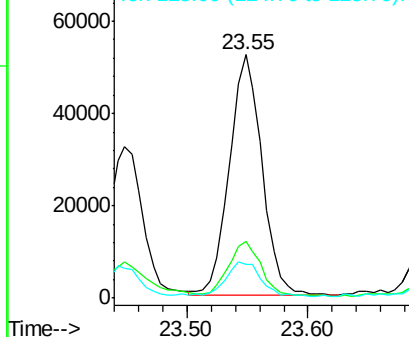
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

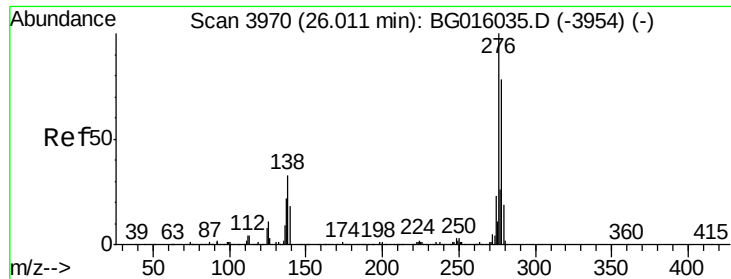


#88
Benzo(a)pyrene
Concen: 3.47 ng/ul
RT: 23.55 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG016041.D
Acq: 25 Feb 2015 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.9	13.2	19.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.97 ng/ul

RT: 26.00 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Instrument :

BNA_G

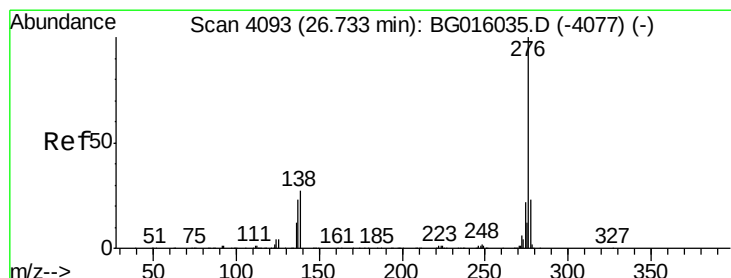
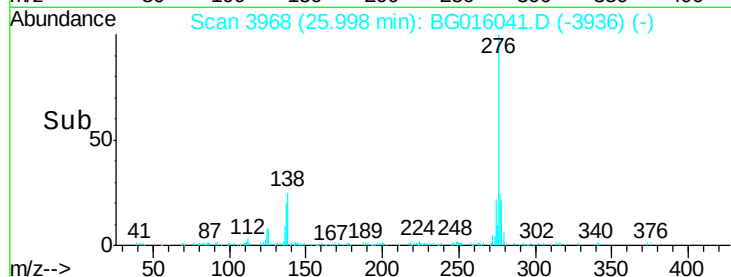
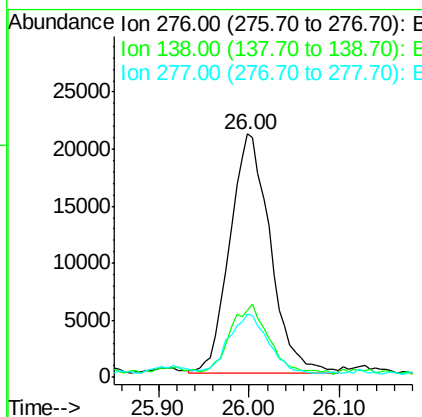
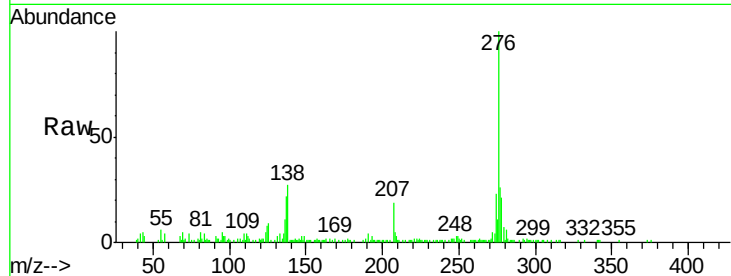
ClientSampled :

C0AE2

Tgt Ion:	276	Resp:	65007
Ion Ratio	Lower	Upper	
276	100		
138	27.3	26.2	39.4
277	25.7	21.0	31.6

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#91

Benzo(g,h,i)perylene

Concen: 2.26 ng/ul

RT: 26.73 min Scan# 4092

Delta R.T. -0.01 min

Lab File: BG016041.D

Acq: 25 Feb 2015 18:08

Tgt Ion:	276	Resp:	62300
Ion Ratio	Lower	Upper	
276	100		
138	26.6	23.0	34.4
277	23.4	20.0	30.0

