

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
 Data File : BG016083.D
 Acq On : 21 Mar 2015 2:18
 Operator : TP/IZ
 Sample : G1565-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE7

Quant Time: Mar 21 05:38:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 21 04:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	64449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	288034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	182285	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	411621	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	438018	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	428749	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	123243	21.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	71849	22.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	94296	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	90351	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	52639	23.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	54333	24.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	86500	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	91706	16.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	269521	22.68	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	335507	20.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	60121	21.18	ng/ul	0.00
57) Fluorene-d10	15.41	176	238413	20.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	42930	19.96	ng/ul	0.00
70) Anthracene-d10	17.26	188	364288	19.37	ng/ul	0.00
76) Pyrene-d10	19.55	212	359836	18.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	300131	16.05	ng/ul	0.00

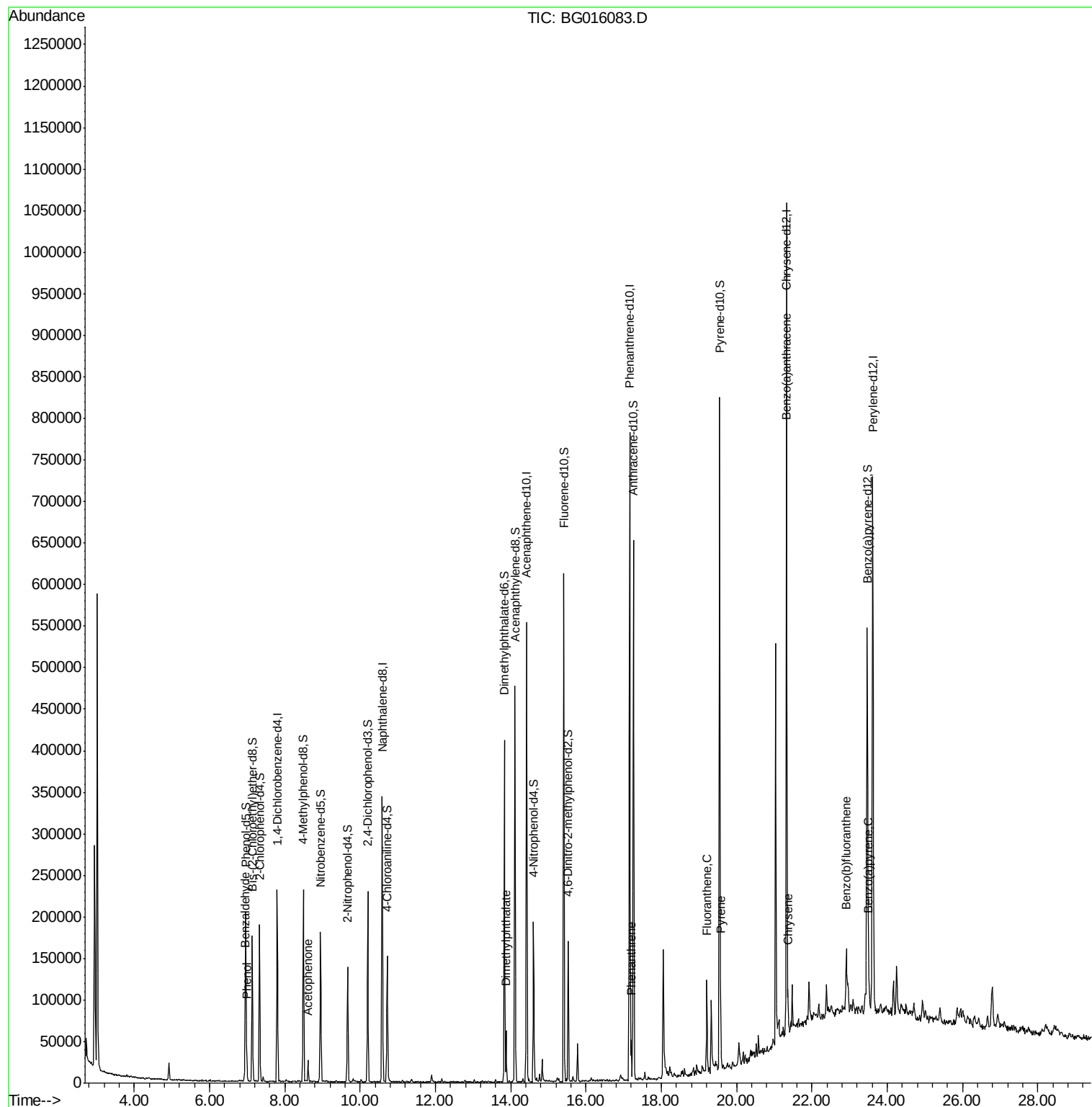
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Benzaldehyde	6.94	77	10972	3.29	ng/ul	91
6) Phenol	6.99	94	16699	2.63	ng/ul	96
14) Acetophenone	8.61	105	13862	2.01	ng/ul	93
44) Dimethylphthalate	13.88	163	37099	2.75	ng/ul	98
69) Phenanthrene	17.20	178	28349	1.21	ng/ul	98
74) Fluoranthene	19.21	202	56131	2.12	ng/ul	98
77) Pyrene	19.58	202	54190	2.01	ng/ul	99
80) Benzo(a)anthracene	21.31	228	25880	1.04	ng/ul	97
82) Chrysene	21.37	228	26150	1.11	ng/ul	93
85) Benzo(b)fluoranthene	22.92	252	32964	1.34	ng/ul#	92
88) Benzo(a)pyrene	23.51	252	25048	1.02	ng/ul#	94

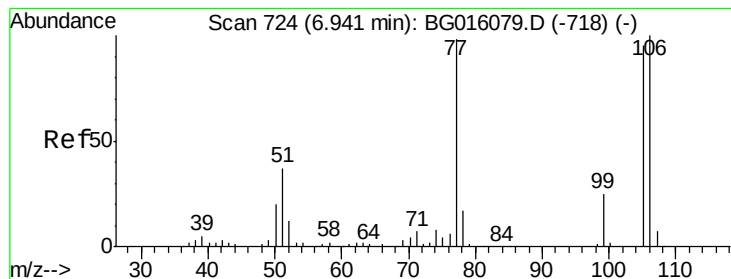
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.29 ng/ul

RT: 6.94 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

Instrument :

BNA_G

ClientSampleId :

C0AE7

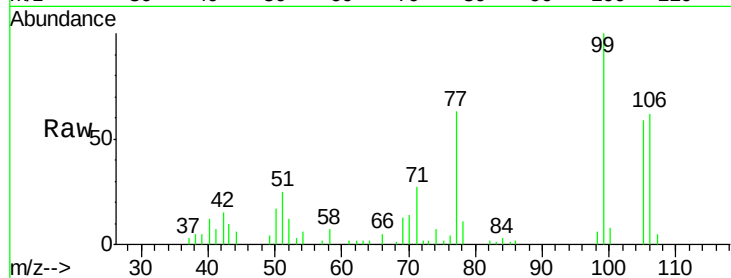
Tgt Ion: 77 Resp: 10972

Ion Ratio Lower Upper

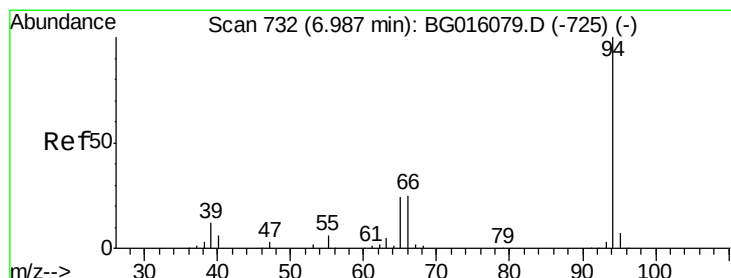
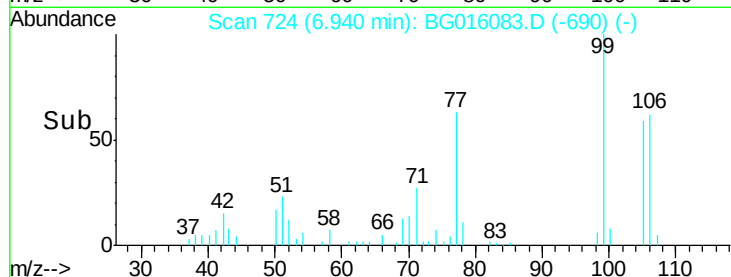
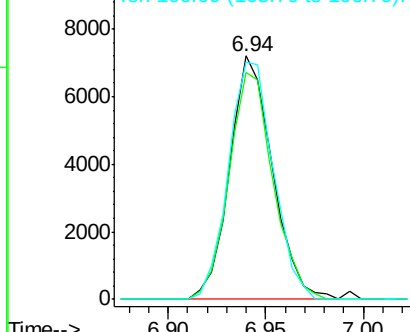
77 100

105 93.2 81.6 122.4

106 97.4 86.6 129.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 2.63 ng/ul

RT: 6.99 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

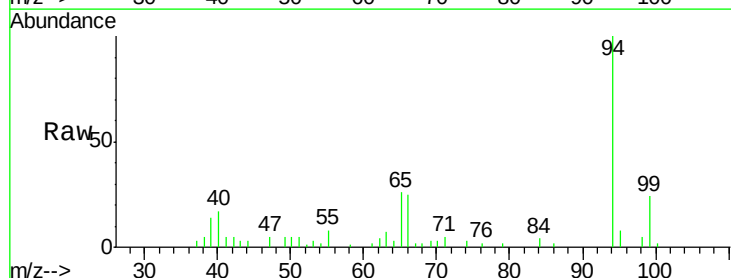
Tgt Ion: 94 Resp: 16699

Ion Ratio Lower Upper

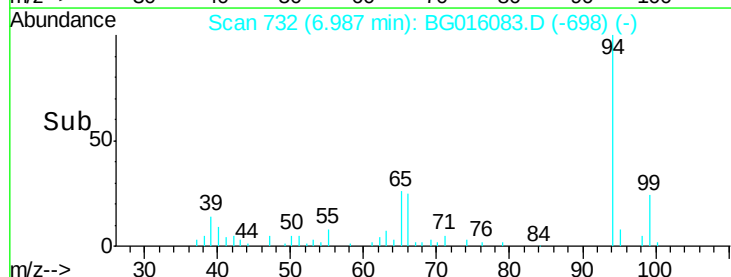
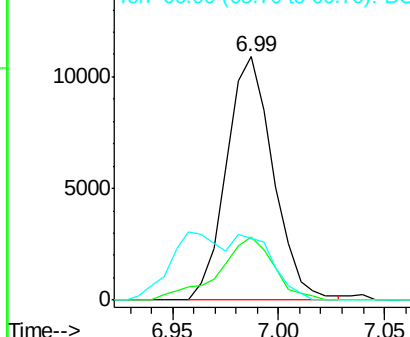
94 100

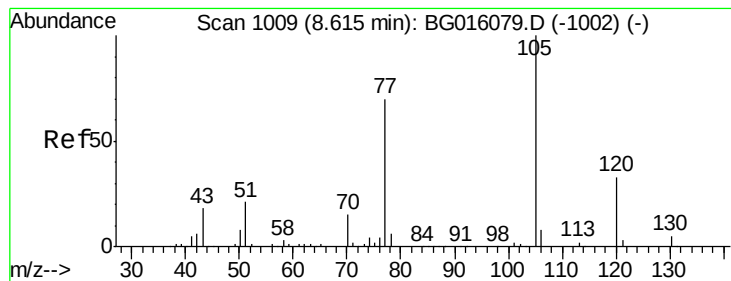
65 25.9 18.4 27.6

66 25.5 21.1 31.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#14

Acetophenone

Concen: 2.01 ng/ul

RT: 8.61 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

Instrument :

BNA_G

ClientSampled :

C0AE7

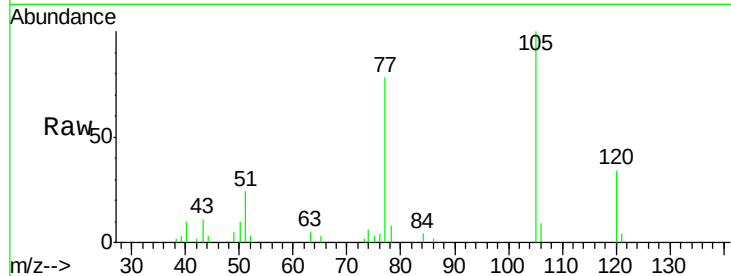
Tgt Ion:105 Resp: 13862

Ion Ratio Lower Upper

105 100

77 78.2 57.8 86.8

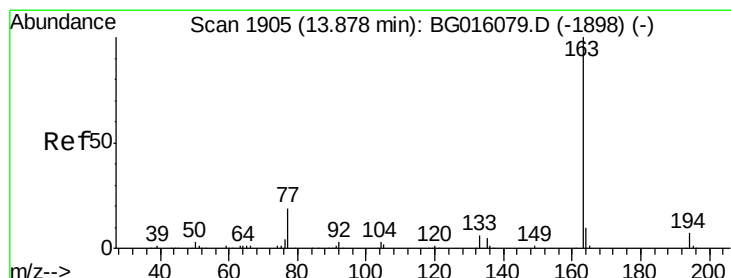
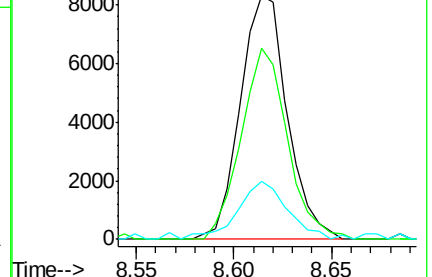
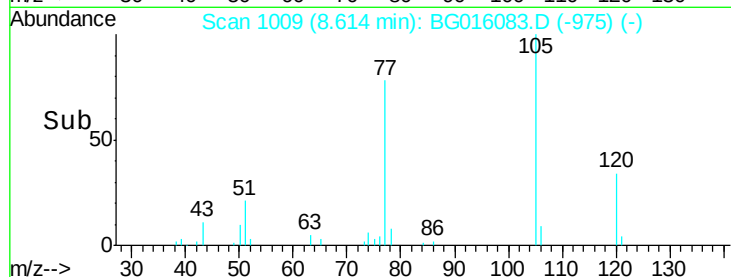
51 24.0 16.5 24.7



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#44

Dimethylphthalate

Concen: 2.75 ng/ul

RT: 13.88 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

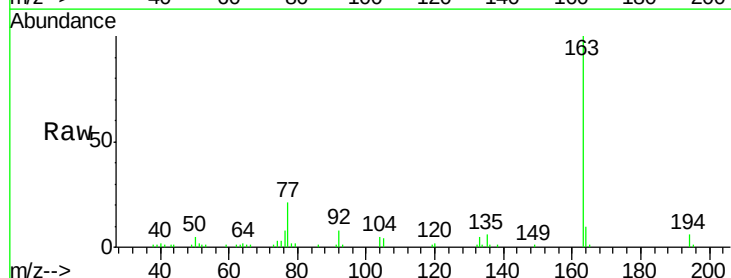
Tgt Ion:163 Resp: 37099

Ion Ratio Lower Upper

163 100

194 5.6 5.4 8.0

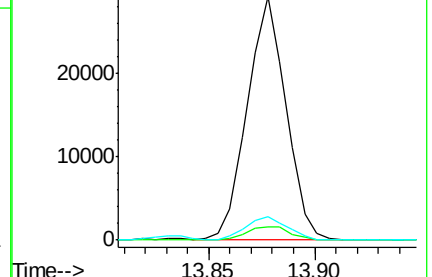
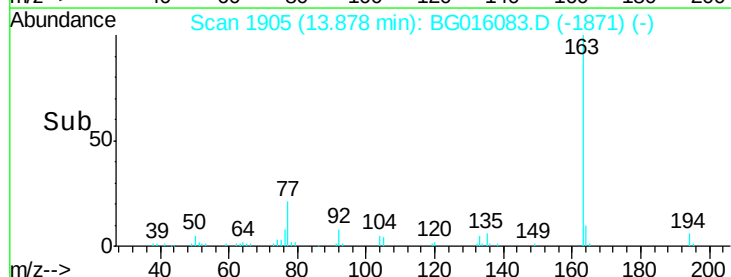
164 9.7 8.2 12.4

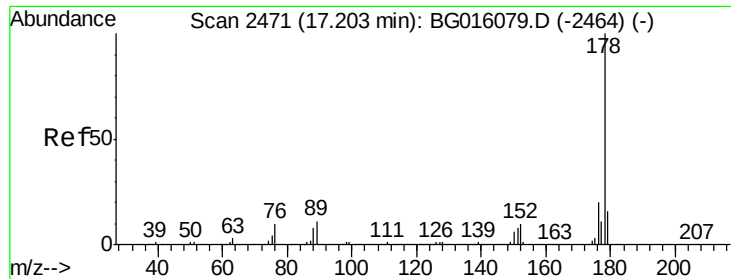


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.21 ng/ul

RT: 17.20 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

Instrument :

BNA_G

ClientSampleId :

C0AE7

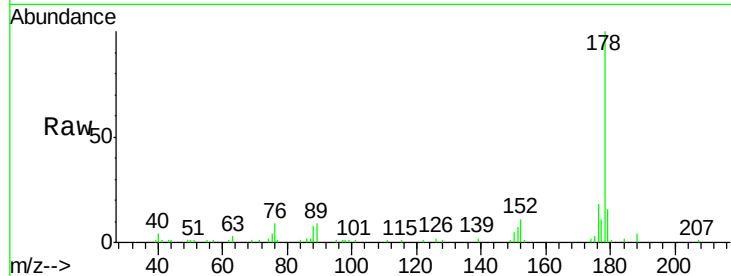
Tgt Ion:178 Resp: 28349

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

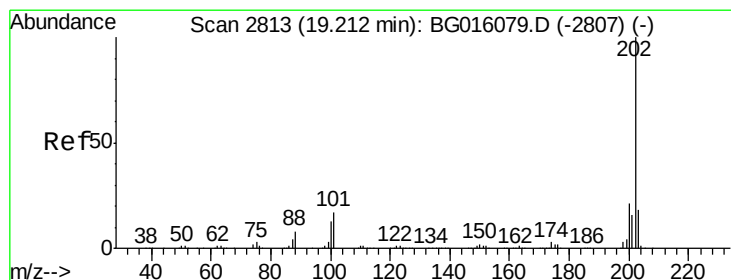
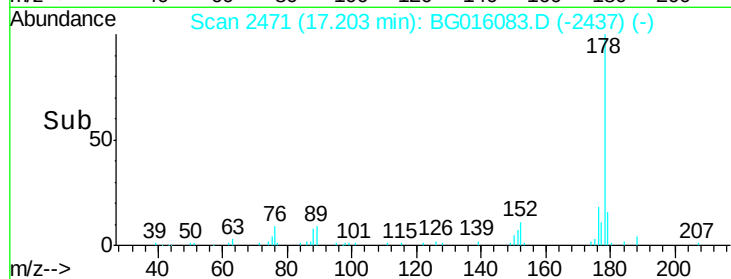
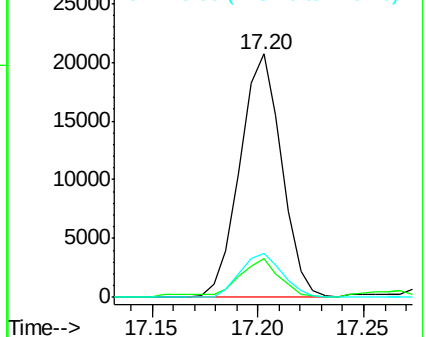
176 18.2 15.6 23.4



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



#74

Fluoranthene

Concen: 2.12 ng/ul

RT: 19.21 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

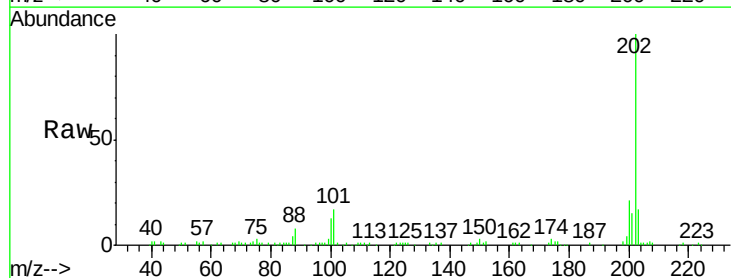
Tgt Ion:202 Resp: 56131

Ion Ratio Lower Upper

202 100

101 16.8 12.9 19.3

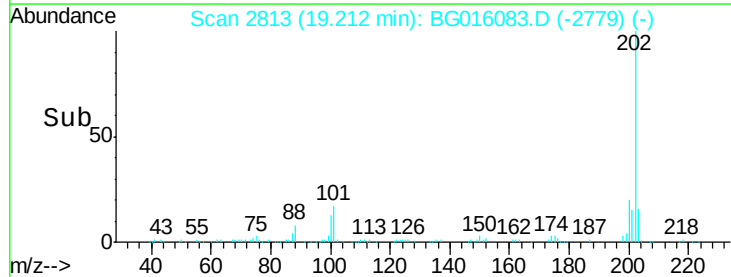
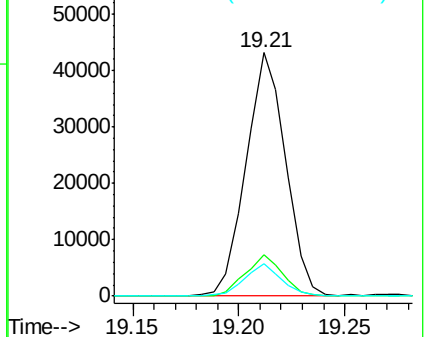
100 13.1 9.4 14.2

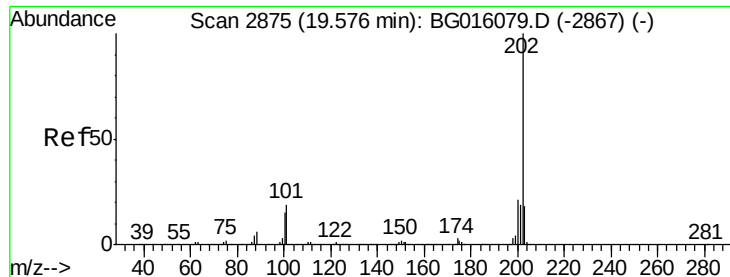


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.01 ng/ul

RT: 19.58 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

Instrument :

BNA_G

ClientSampled :

C0AE7

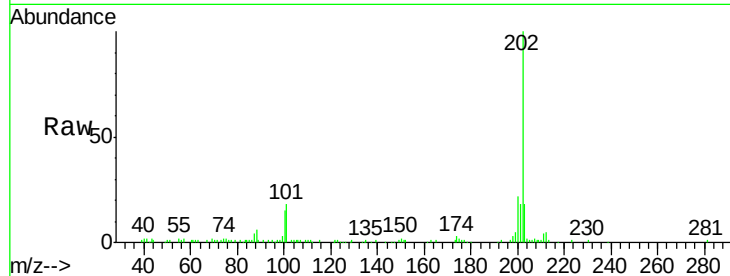
Tgt Ion:202 Resp: 54190

Ion Ratio Lower Upper

202 100

101 17.6 14.6 21.8

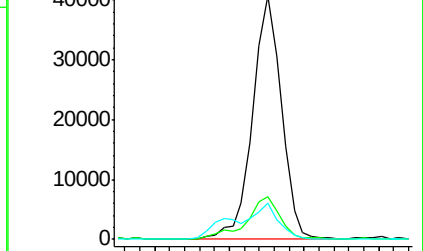
100 15.1 12.1 18.1



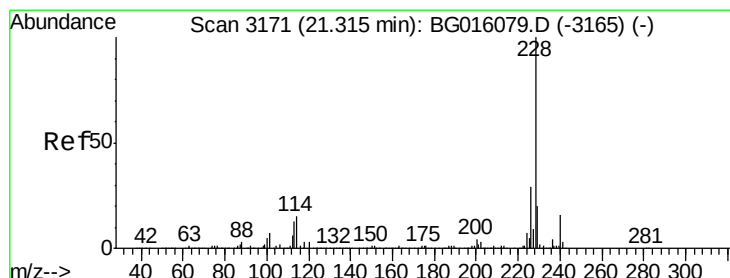
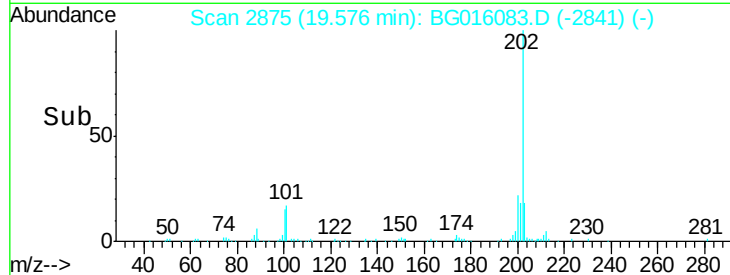
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 1.04 ng/ul

RT: 21.31 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

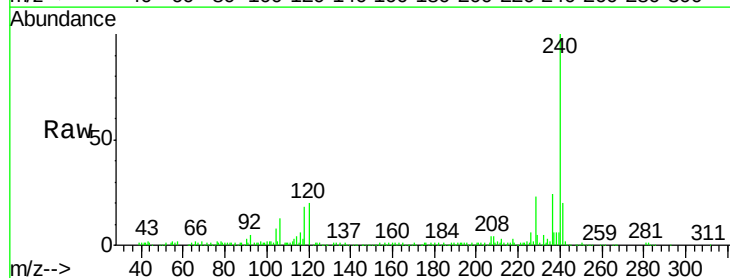
Tgt Ion:228 Resp: 25880

Ion Ratio Lower Upper

228 100

229 22.8 16.2 24.4

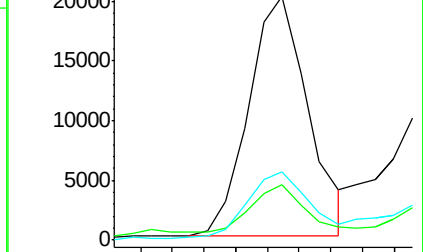
226 28.2 22.4 33.6



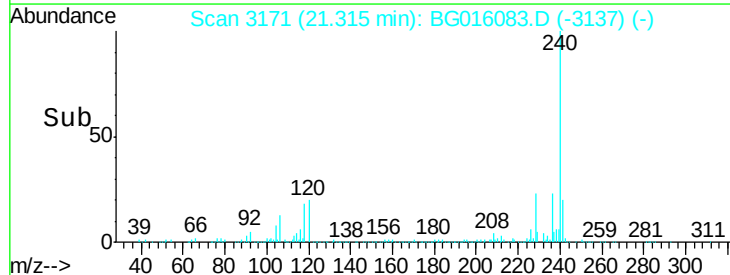
Abundance Ion 228.00 (227.70 to 228.70): E

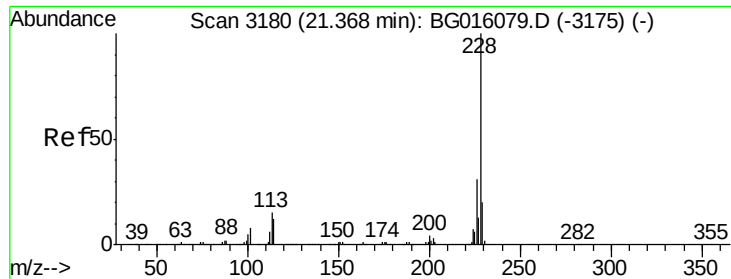
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#82

Chrysene

Concen: 1.11 ng/ul

RT: 21.37 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

Instrument :

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ClientSampleId :

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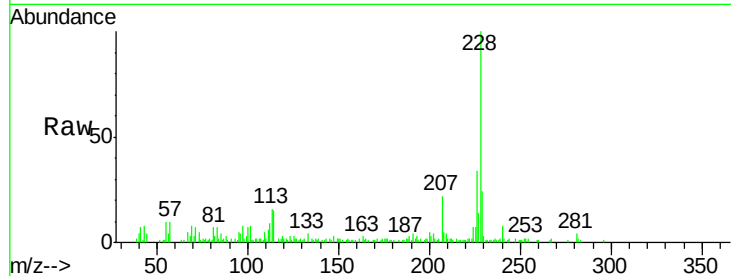
Tgt Ion:228 Resp: 26150

Ion Ratio Lower Upper

228 100

226 34.3 24.6 36.8

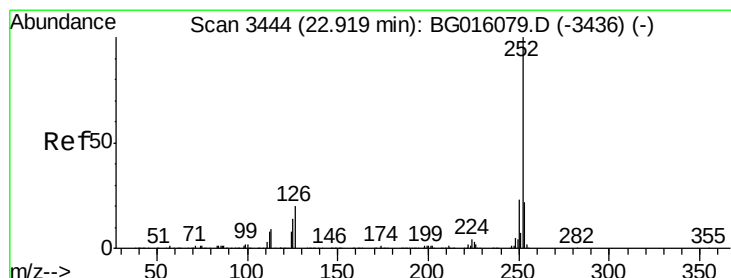
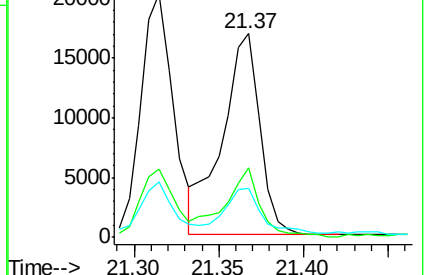
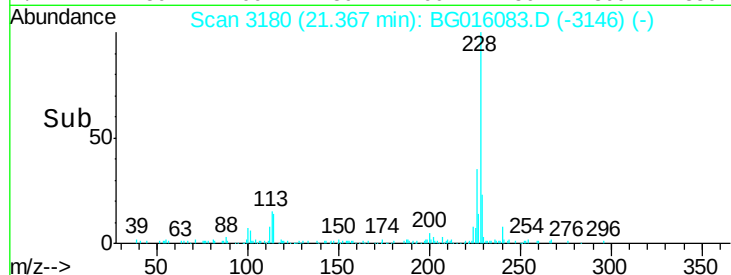
229 24.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.34 ng/ul

RT: 22.92 min Scan# 3445

Delta R.T. 0.01 min

Lab File: BG016083.D

Acq: 21 Mar 2015 2:18

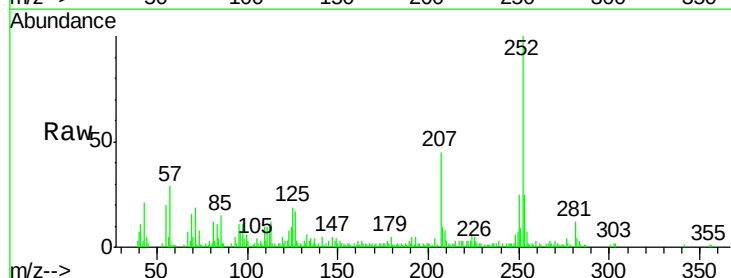
Tgt Ion:252 Resp: 32964

Ion Ratio Lower Upper

252 100

253 24.9 17.9 26.9

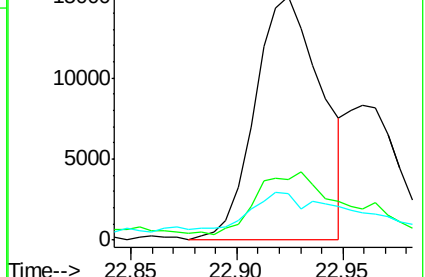
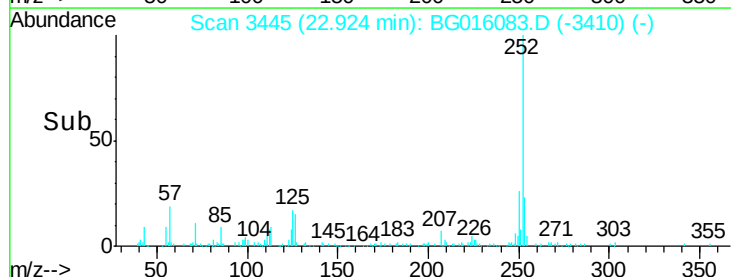
125 19.1 11.0 16.6#

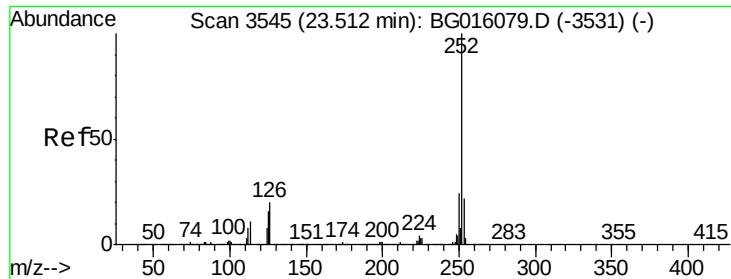


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.02 ng/ul

RT: 23.51 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG016083.D

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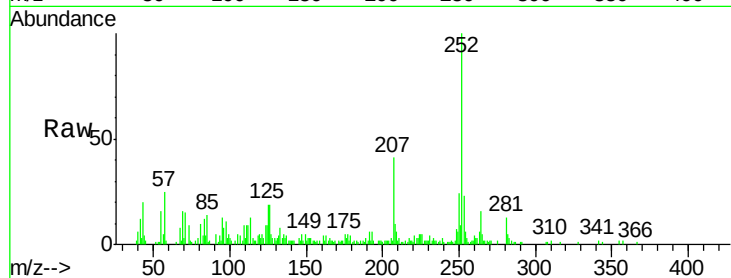
Tgt Ion: 252 Resp: 25048

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 18.6 11.5 17.3#



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

