

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019280.D
 Acq On : 21 Oct 2015 14:14
 Operator : UM/NP
 Sample : G4074-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J9

Quant Time: Oct 21 15:01:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 12:55:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	15346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	75540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	58568	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	142649	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	160519	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	164291	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	738	2.68	ng/uL	0.00
5) Phenol-d5	7.16	99	25035	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	14991	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	20174	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	22631	19.94	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	10265	17.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	13379	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	25308	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	25094	15.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	94368	18.42	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	110535	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	14123	15.34	ng/ul	0.00
58) Fluorene-d10	15.61	176	86712	19.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	15581	17.70	ng/ul	0.00
71) Anthracene-d10	17.47	188	135786	20.15	ng/ul	0.00
79) Pyrene-d10	19.75	212	152953	21.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	171867	20.71	ng/ul	0.00

Target Compounds

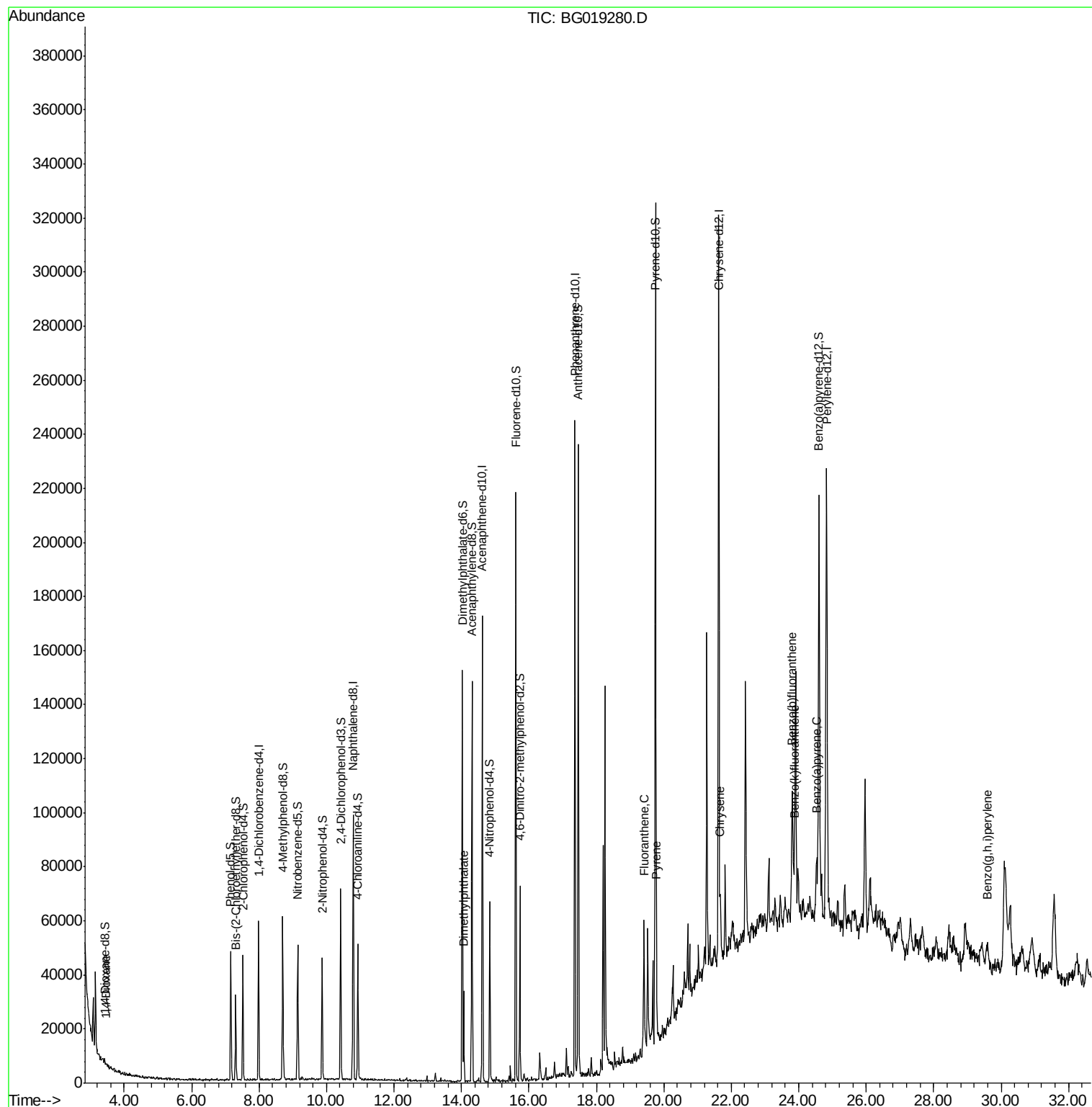
						Qvalue
2) 1,4-Dioxane	3.45	88	326	1.00	ng/uL#	18
45) Dimethylphthalate	14.07	163	21486	4.16	ng/ul#	97
77) Fluoranthene	19.42	202	23622	2.37	ng/ul#	92
80) Pyrene	19.78	202	20816	2.18	ng/ul#	88
85) Chrysene	21.67	228	22206	2.59	ng/ul	92
88) Benzo(b)fluoranthene	23.80	252	46766	5.02	ng/ul#	98
89) Benzo(k)fluoranthene	23.87	252	12258	1.34	ng/ul#	90
91) Benzo(a)pyrene	24.53	252	23156	2.58	ng/ul	98
94) Benzo(g,h,i)perylene	29.58	276	9155	1.05	ng/ul#	90

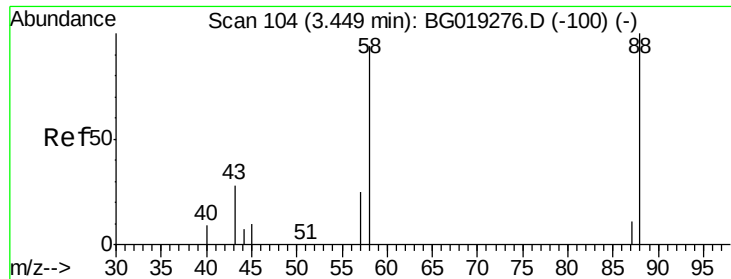
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.00 ng/uL

RT: 3.45 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

JG9J9

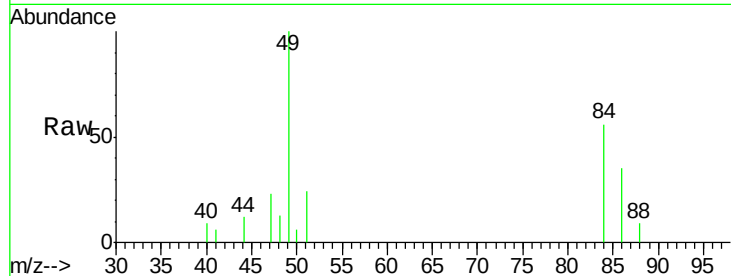
Tgt Ion: 88 Resp: 326

Ion Ratio Lower Upper

88 100

43 0.0 29.7 44.5#

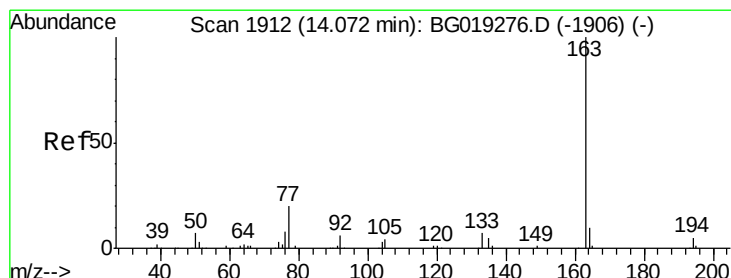
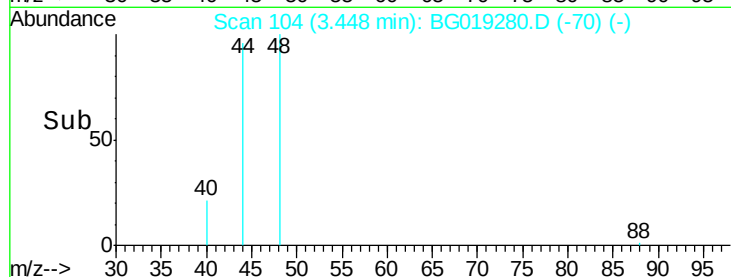
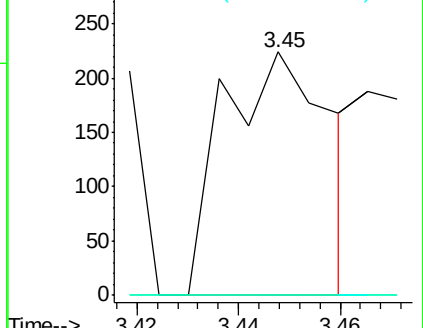
58 0.0 65.4 98.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#45

Dimethylphthalate

Concen: 4.16 ng/uL

RT: 14.07 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

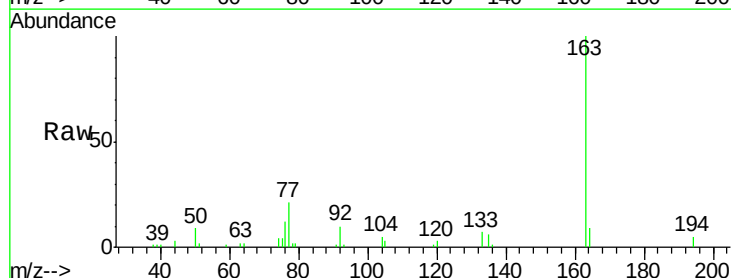
Tgt Ion: 163 Resp: 21486

Ion Ratio Lower Upper

163 100

194 5.0 3.3 4.9#

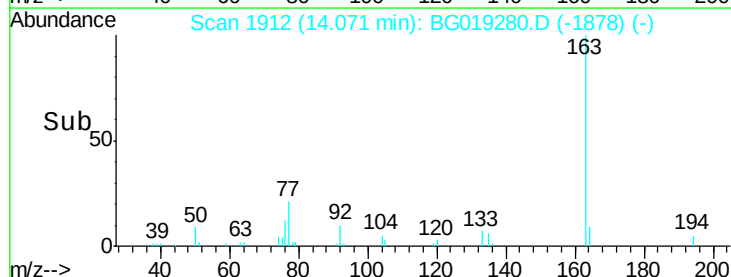
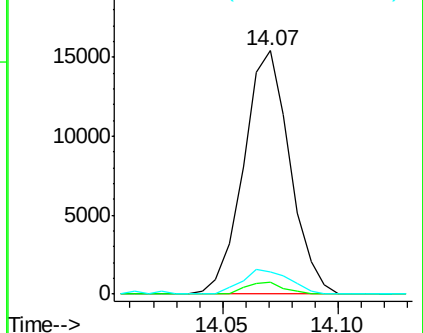
164 9.1 8.1 12.1

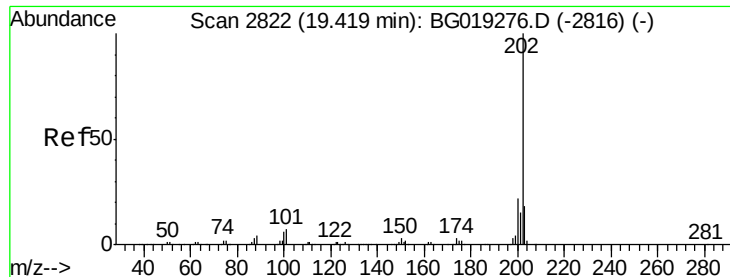


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

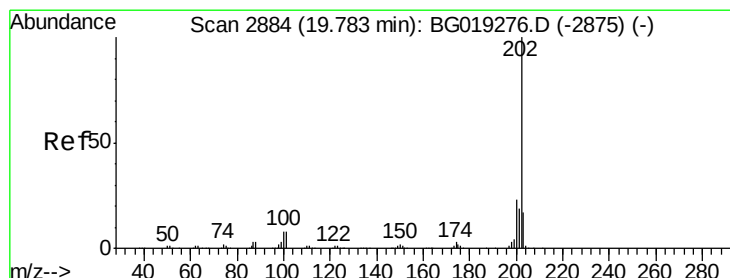
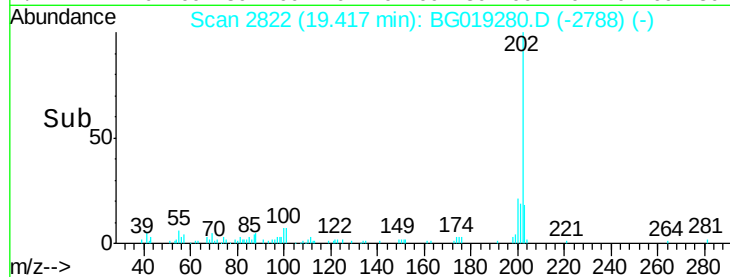
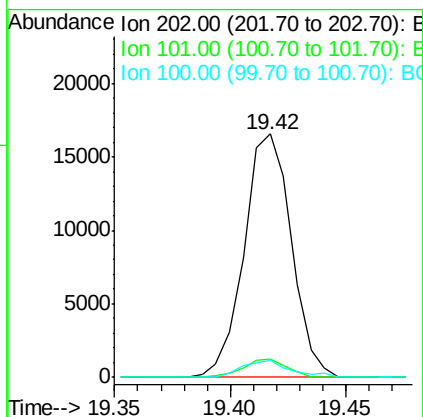
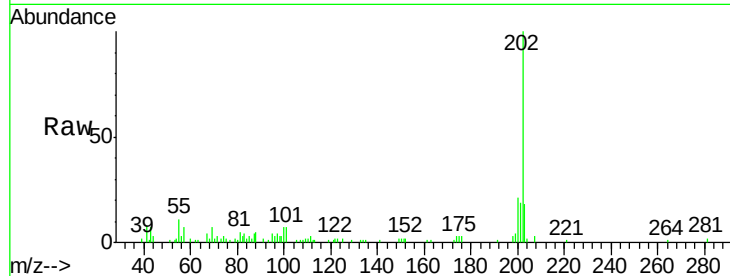




#77
 Fluoranthene
 Concen: 2.37 ng/ul
 RT: 19.42 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BG019280.D
 Acq: 21 Oct 2015 14:14

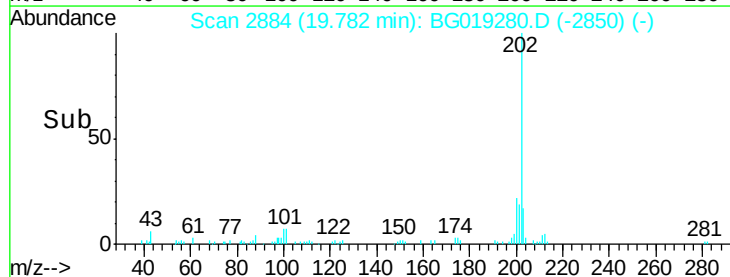
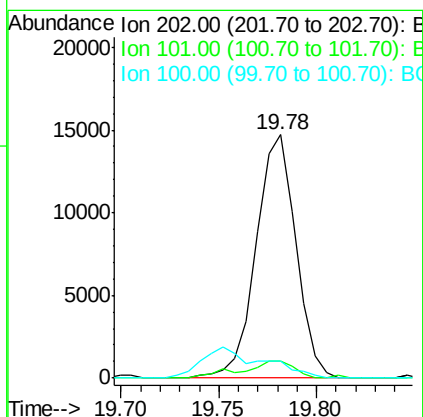
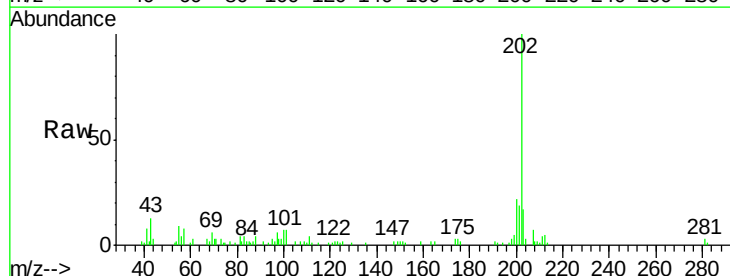
Instrument :
 BNA_G
 ClientSampleId :
 JG9J9

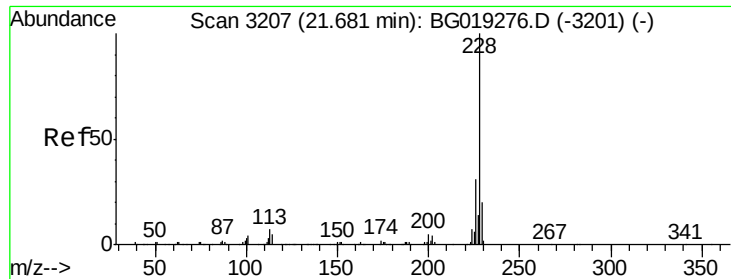
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	9.0	13.4#
100	6.8	6.9	10.3#



#80
 Pyrene
 Concen: 2.18 ng/ul
 RT: 19.78 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG019280.D
 Acq: 21 Oct 2015 14:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	10.2	15.2#
100	6.8	8.5	12.7#





#85

Chrysene

Concen: 2.59 ng/ul

RT: 21.67 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

JG9J9

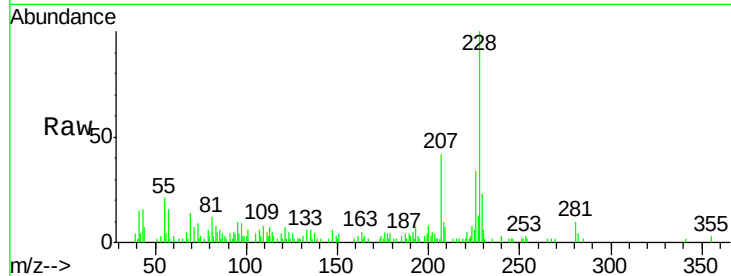
Tgt Ion:228 Resp: 22206

Ion Ratio Lower Upper

228 100

226 34.3 24.2 36.2

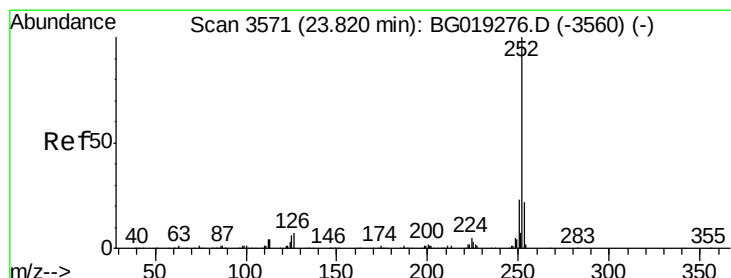
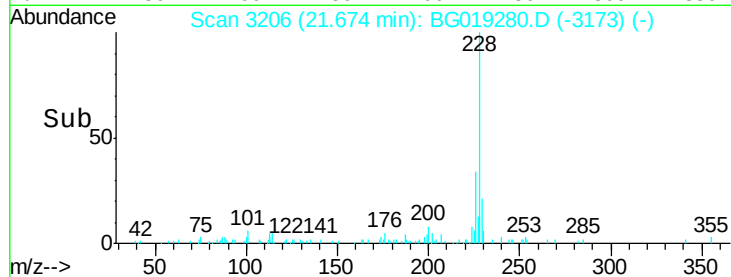
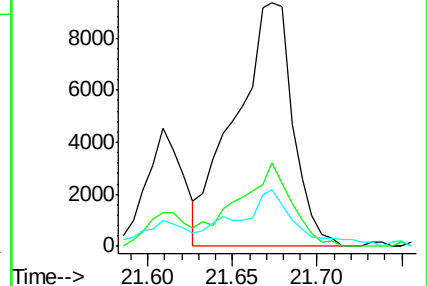
229 23.1 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 5.02 ng/ul

RT: 23.80 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

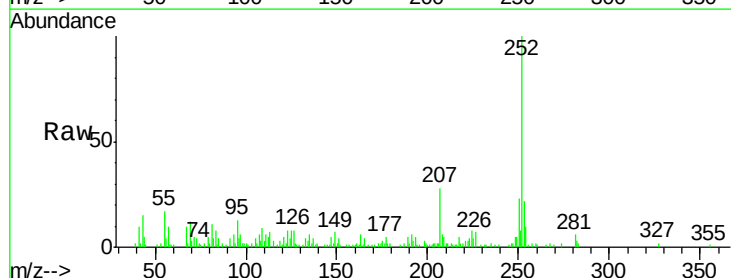
Tgt Ion:252 Resp: 46766

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

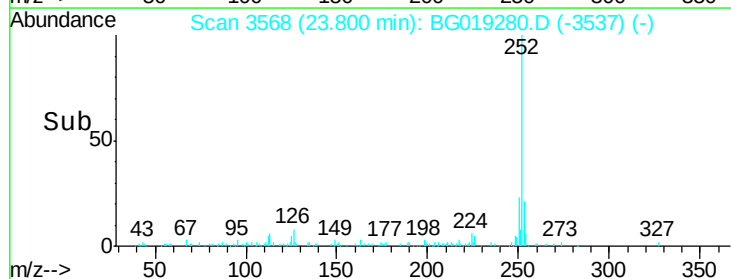
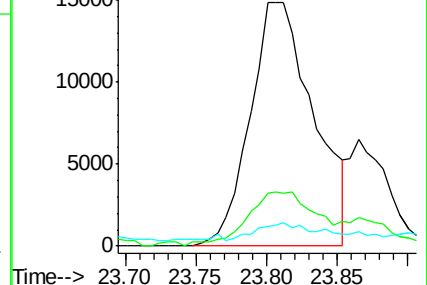
125 8.0 8.1 12.1#

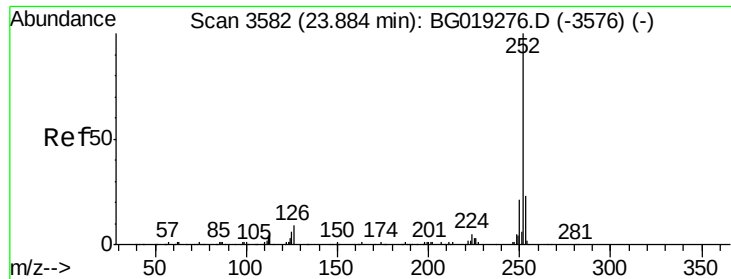


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.34 ng/ul

RT: 23.87 min Scan# 3579

Delta R.T. -0.02 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

JG9J9

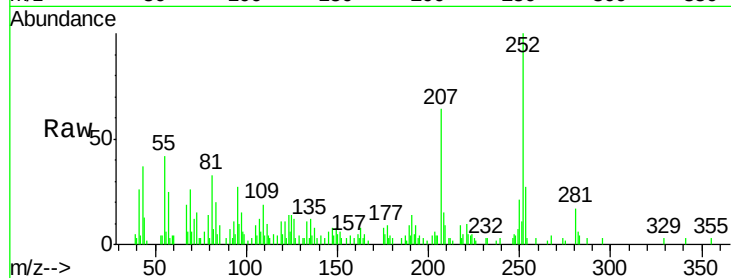
Tgt Ion:252 Resp: 12258

Ion Ratio Lower Upper

252 100

253 26.7 17.2 25.8#

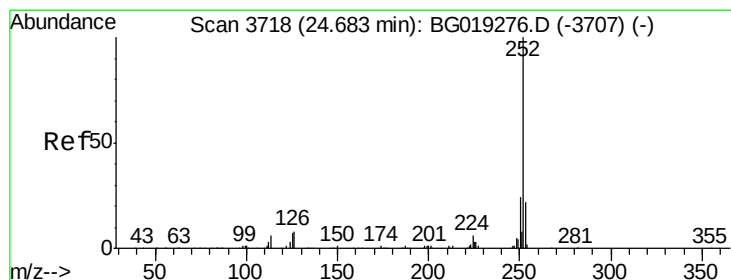
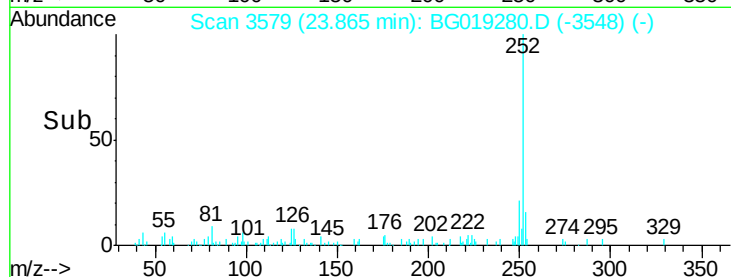
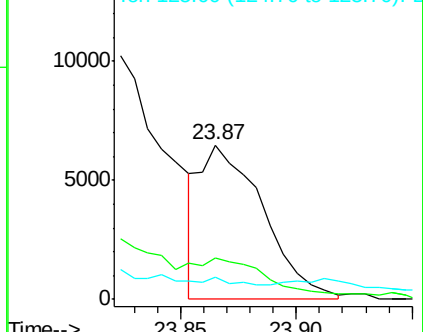
125 14.1 8.4 12.6#



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



#91

Benzo(a)pyrene

Concen: 2.58 ng/ul

RT: 24.53 min Scan# 3692

Delta R.T. -0.15 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

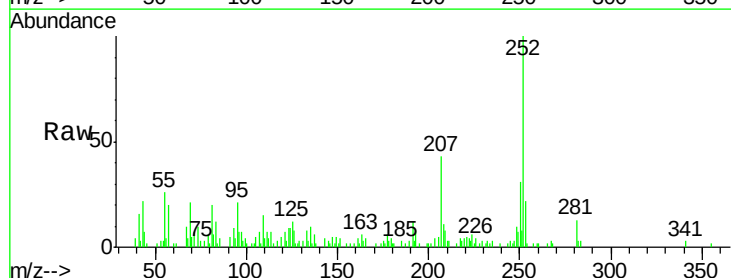
Tgt Ion:252 Resp: 23156

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

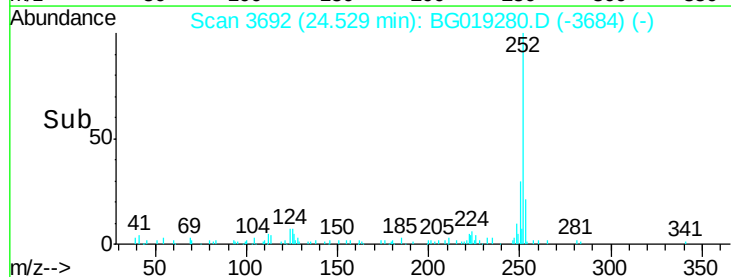
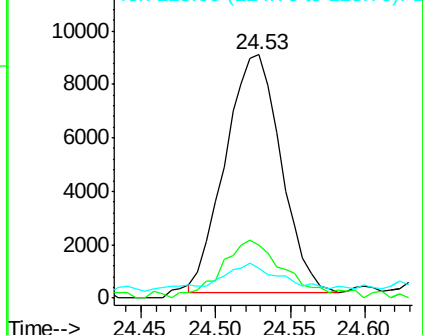
125 12.1 9.4 14.2

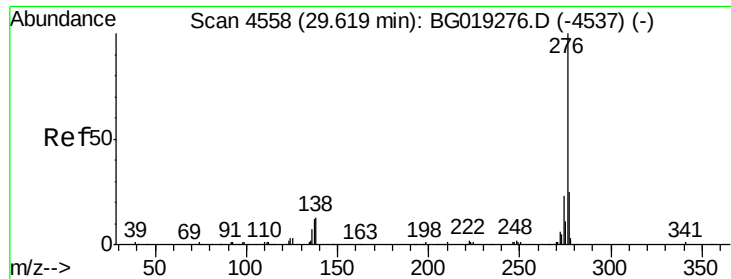


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#94

Benzo(g,h,i)perylene

Concen: 1.05 ng/ul

RT: 29.58 min Scan# 4552

Delta R.T. -0.04 min

Lab File: BG019280.D

Acq: 21 Oct 2015 14:14

Instrument :

BNA_G

ClientSampleId :

JG9J9

Tgt Ion: 276 Resp: 9155

Ion Ratio Lower Upper

276 100

138 12.1 16.3 24.5#

277 25.2 18.7 28.1

