

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031234.D
 Acq On : 27 Nov 2017 18:23
 Operator : SJ/JU
 Sample : I6506-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 28 05:05:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 04:50:20 2017
 Response via : Initial Calibration

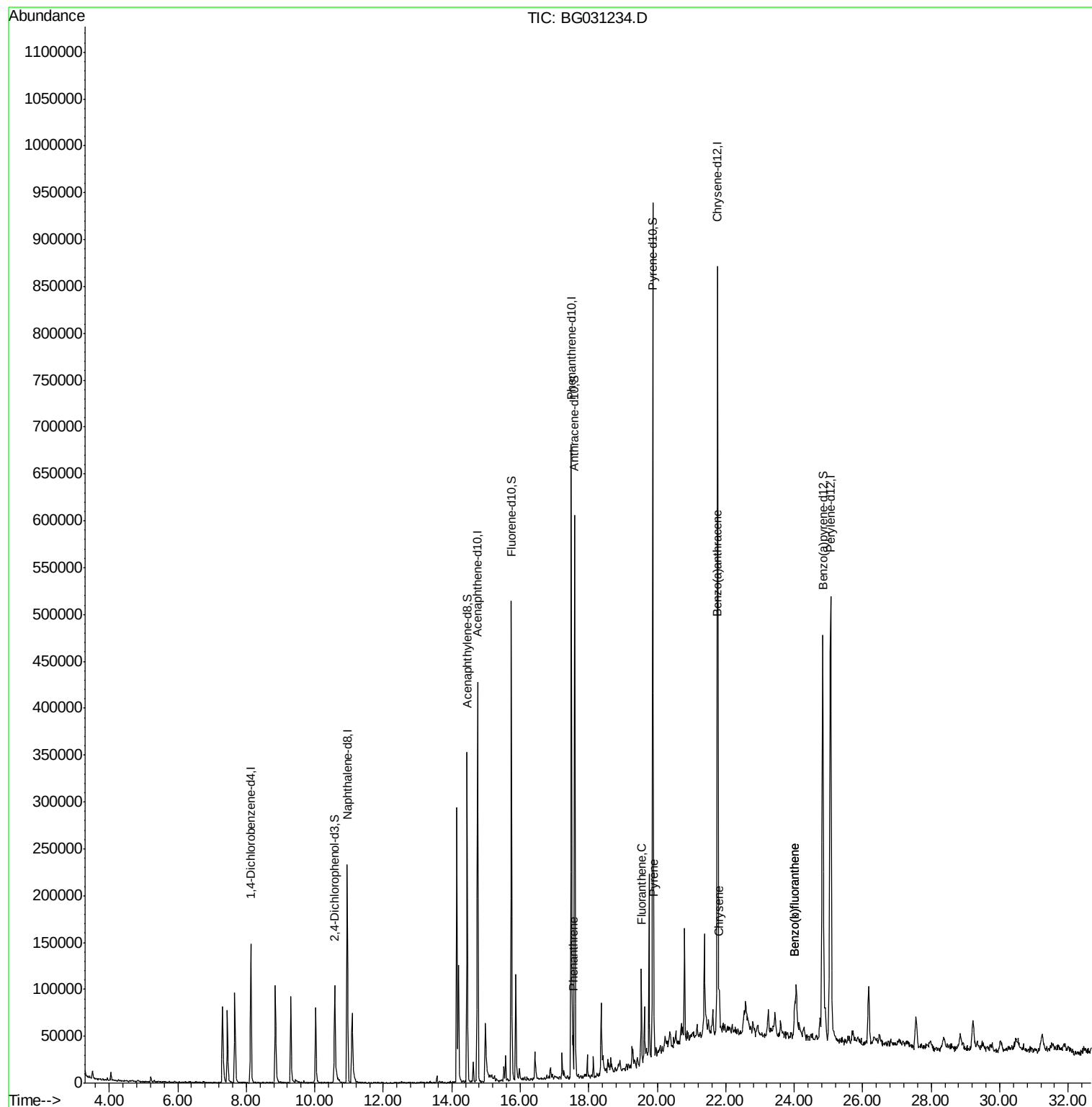
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48030	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	220244	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	155701	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	439324	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	523924	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	515172	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	59200	14.25	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	283975	17.54	ng/ul	0.00
10) Fluorene-d10	15.74	176	232869	17.90	ng/ul	0.00
15) Anthracene-d10	17.59	188	390081	17.74	ng/ul	0.00
19) Pyrene-d10	19.87	212	498095	20.81	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	458124	17.97	ng/ul	-0.01
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	25732	1.09	ng/ul	98
17) Fluoranthene	19.54	202	66372	2.02	ng/ul#	93
20) Pyrene	19.90	202	61446	2.21	ng/ul#	91
21) Benzo(a)anthracene	21.74	228	34876	1.09	ng/ul	97
22) Chrysene	21.81	228	37691	1.24	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	46480	1.49	ng/ul	97
25) Benzo(k)fluoranthene	24.01	252	46480	1.52	ng/ul	97

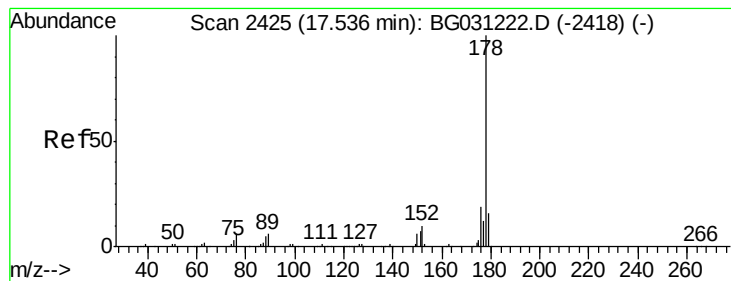
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.09 ng/ul

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

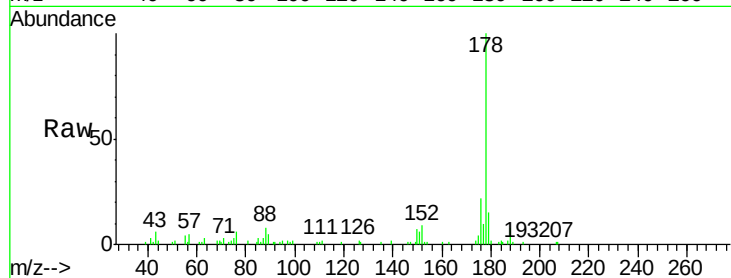
Tot Ion:178 Resp: 25732

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

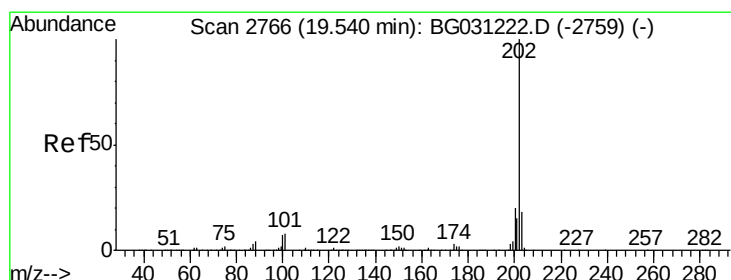
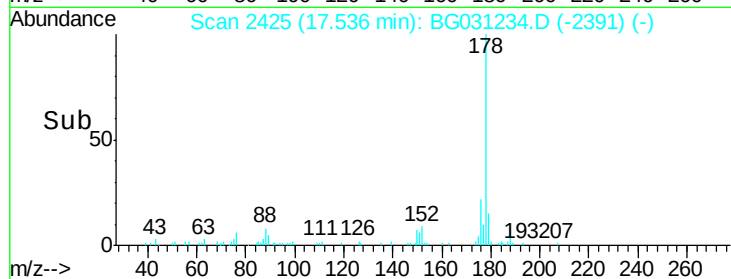
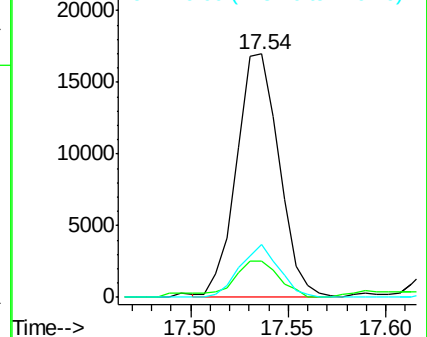
176 21.7 16.4 24.6



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



#17

Fluoranthene

Concen: 2.02 ng/ul

RT: 19.54 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

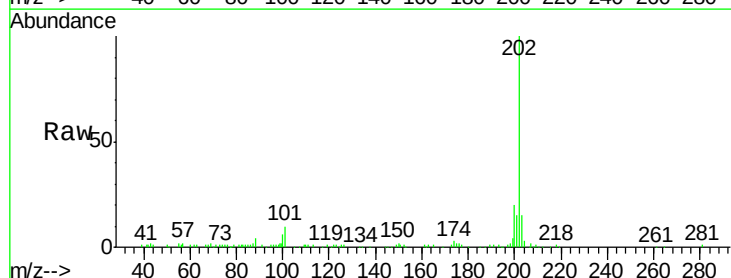
Tgt Ion:202 Resp: 66372

Ion Ratio Lower Upper

202 100

101 10.5 9.8 14.8

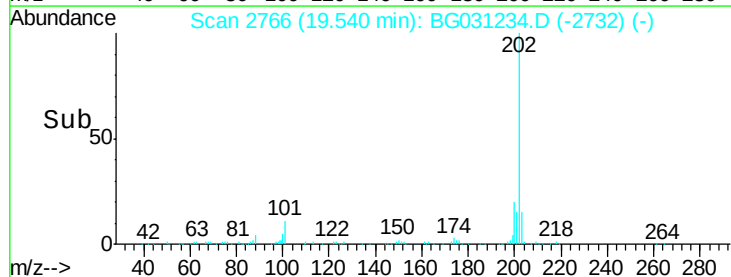
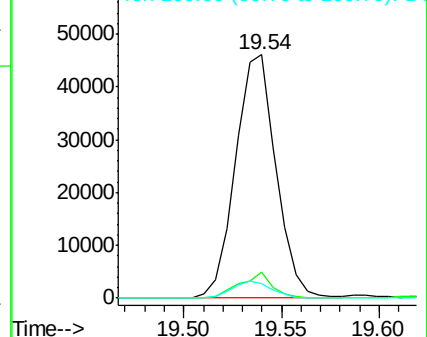
100 5.8 7.5 11.3#

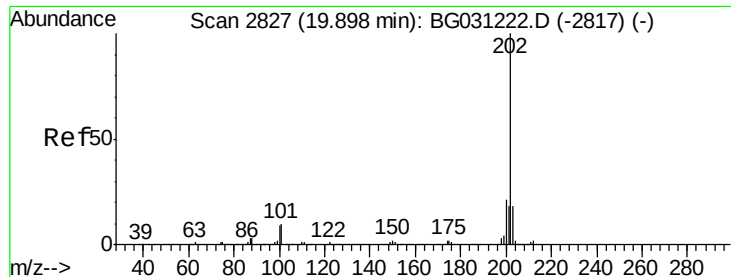


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Pvrene

Concen: 2.21 ng/ul

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

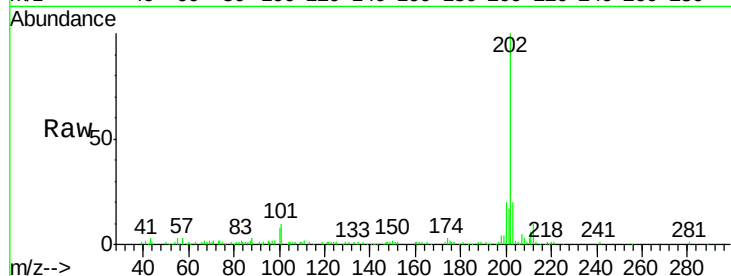
Tot Ion:202 Resp: 61446

Ion Ratio Lower Upper

202 100

101 10.4 11.2 16.8#

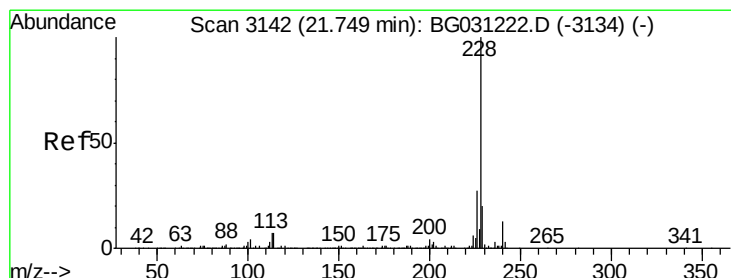
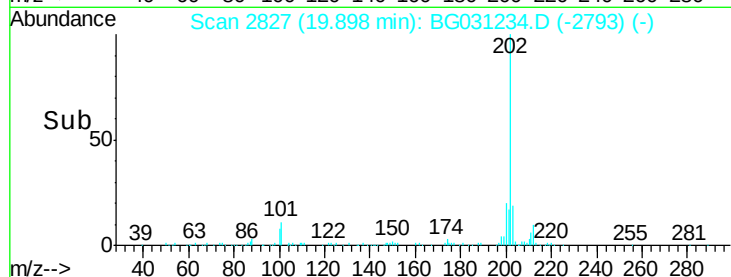
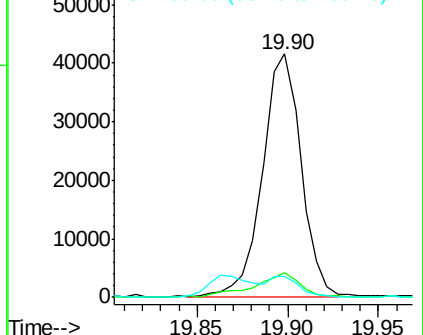
100 8.4 9.8 14.6#



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



#21

Benzo(a)anthracene

Concen: 1.09 ng/ul

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

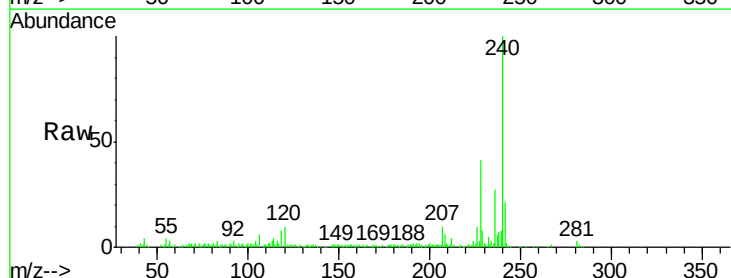
Tgt Ion:228 Resp: 34876

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

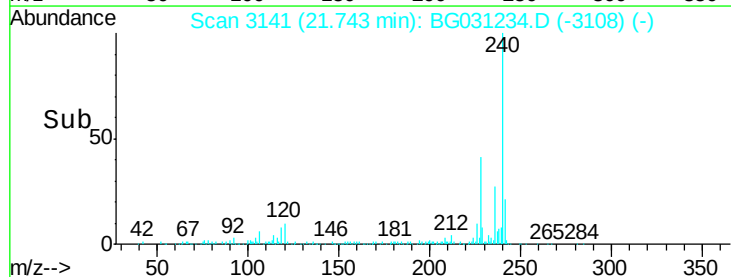
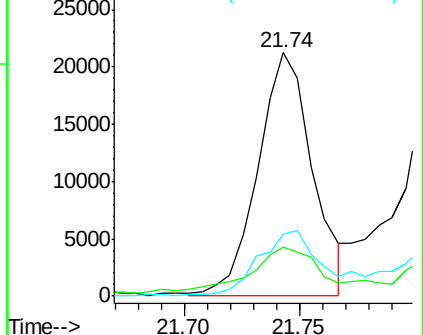
226 25.2 22.1 33.1

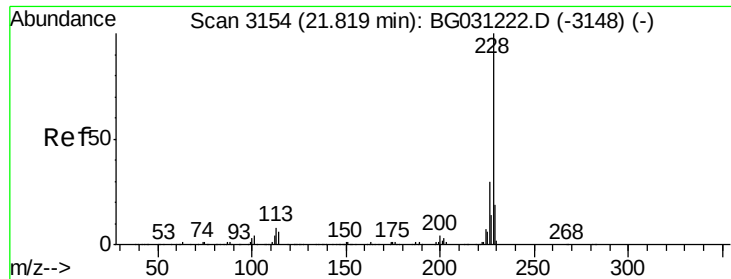


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#22

Chrysene

Concen: 1.24 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

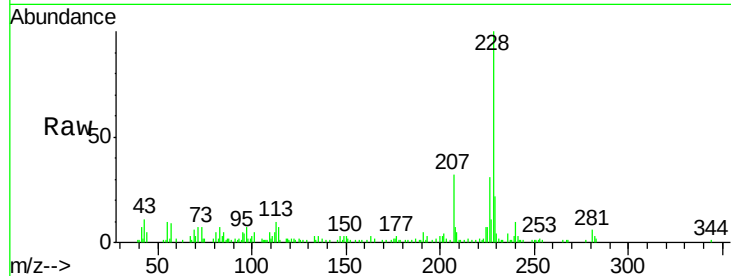
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 37691

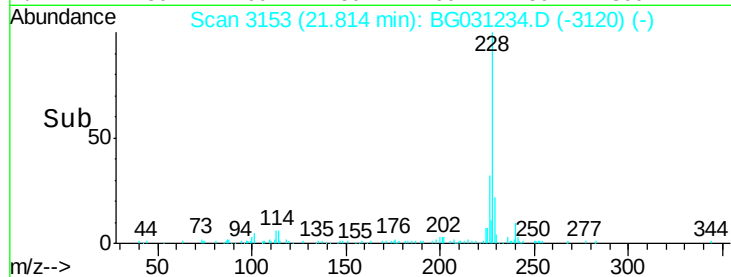
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.1	16.6	25.0



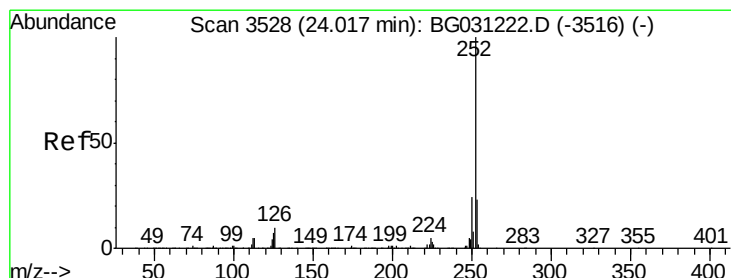
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#24

Benzo(b)fluoranthene

Concen: 1.49 ng/ul

RT: 24.01 min Scan# 3527

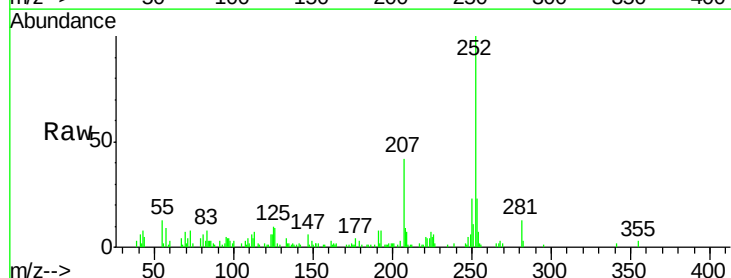
Delta R.T. -0.01 min

Lab File: BG031234.D

Acq: 27 Nov 2017 18:23

Tgt Ion:252 Resp: 46480

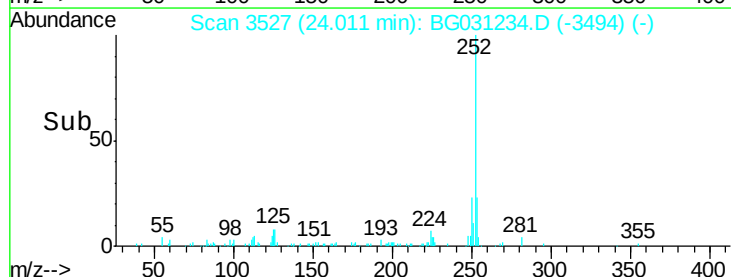
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.1	9.4	14.0



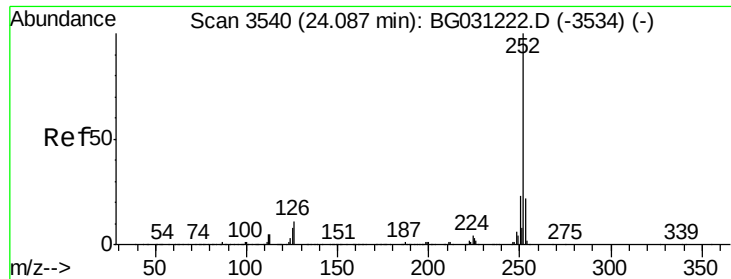
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#25
 Benzo(k)fluoranthene
 Concen: 1.52 ng/ul
 RT: 24.01 min Scan# 3527
 Delta R.T. -0.08 min
 Lab File: BG031234.D
 Acq: 27 Nov 2017 18:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	10.1	8.8	13.2

