

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028474.D
 Acq On : 25 Aug 2017 00:05
 Operator : SJ/JU
 Sample : I4840-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN8

Quant Time: Aug 25 03:53:33 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	31509	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	135922	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	100032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	266686	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	311405	20.00	ng/ul	0.00
83) Perylene-d12	25.52	264	309944	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	949	1.40	ng/uL	0.00
5) Phenol-d5	7.49	99	26388	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	19481	8.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	21692	9.94	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	15435	5.34	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	10820	10.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	13743	11.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	23895	9.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	26069	9.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	91699	10.31	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	102150	10.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	11820	8.36	ng/ul	0.01
57) Fluorene-d10	15.93	176	79958	10.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	14011	8.09	ng/ul	0.00
70) Anthracene-d10	17.80	188	139835	10.93	ng/ul	0.00
76) Pyrene-d10	20.07	212	183667	11.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	170637	11.76	ng/ul	0.00

Target Compounds

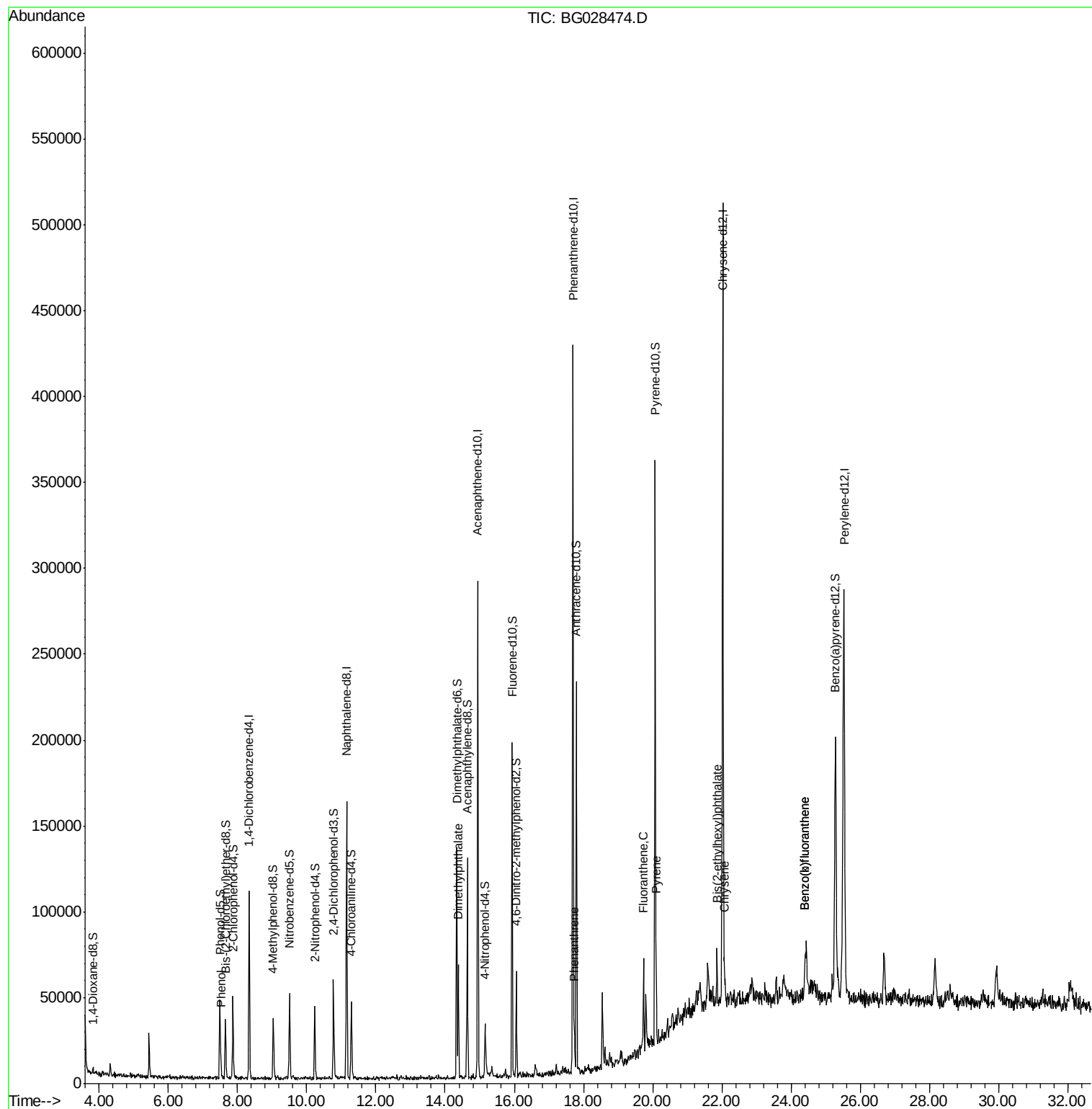
					Ovalue
6) Phenol	7.52	94	3762	1.094	ng/ul 90
44) Dimethylphthalate	14.38	163	42570	5.197	ng/ul# 95
69) Phenanthrene	17.74	178	16190	1.206	ng/ul# 90
74) Fluoranthene	19.74	202	33908	2.079	ng/ul# 94
77) Pyrene	20.10	202	32542	1.752	ng/ul 98
81) Bis(2-ethylhexyl)phthalate	21.86	149	13001	1.313	ng/ul 95
82) Chrysene	22.07	228	18832	1.162	ng/ul 97
85) Benzo(b)fluoranthene	24.40	252	30853	1.663	ng/ul# 85
86) Benzo(k)fluoranthene	24.40	252	30853	1.703	ng/ul# 87

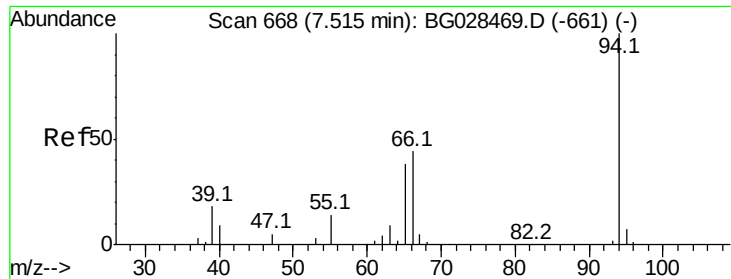
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.094 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

BNA_G

ClientSampleId :

B0AN8

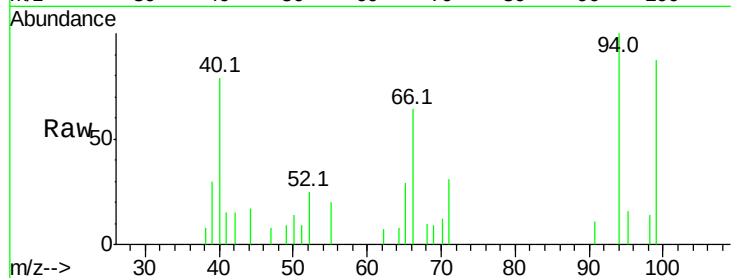
Tot Ion: 94 Resp: 3762

Ion Ratio Lower Upper

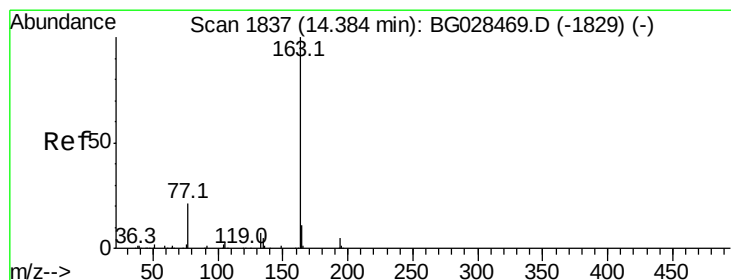
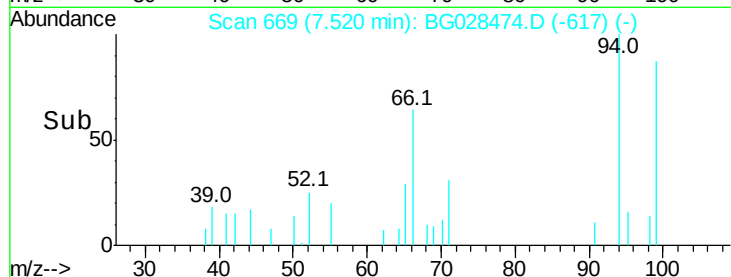
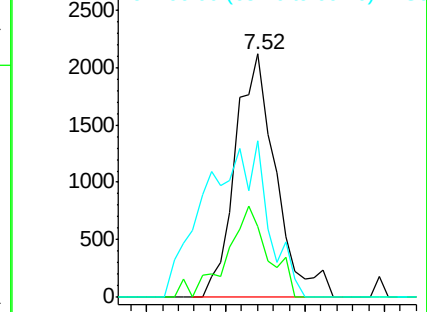
94 100

65 28.9 26.8 40.2

66 64.2 44.4 66.6



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



#44

Dimethylphthalate

Concen: 5.197 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

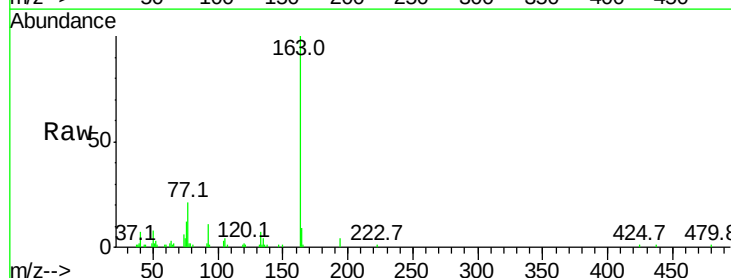
Tgt Ion:163 Resp: 42570

Ion Ratio Lower Upper

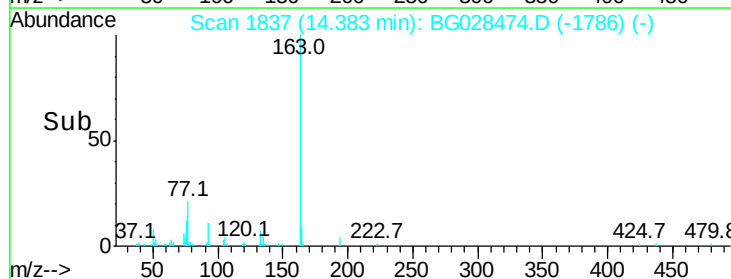
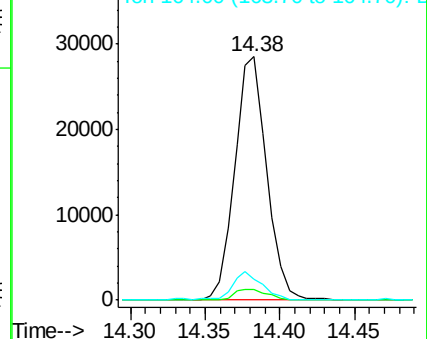
163 100

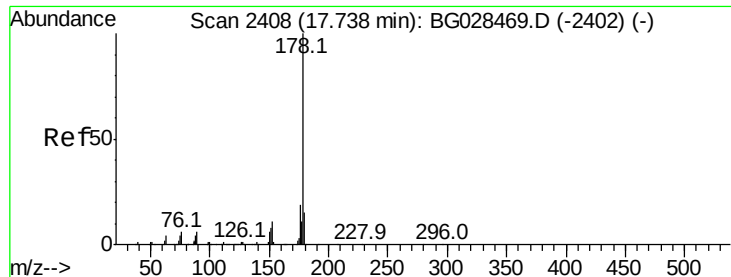
194 4.4 3.4 5.0

164 8.6 9.0 13.4#



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: 1.206 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

BNA_G

ClientSampleId :

B0AN8

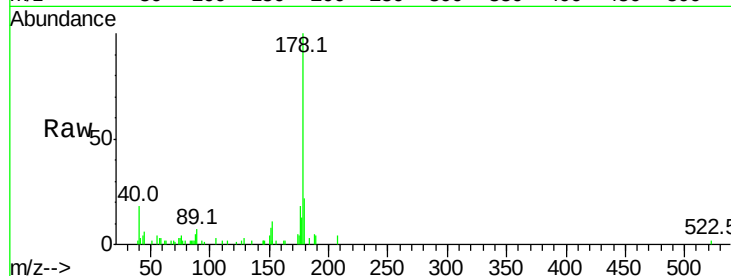
Tot Ion:178 Resp: 16190

Ion Ratio Lower Upper

178 100

179 22.0 12.4 18.6#

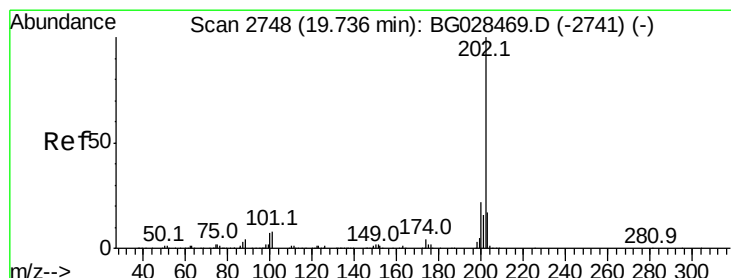
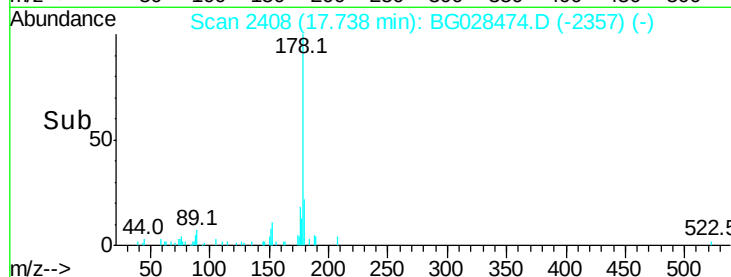
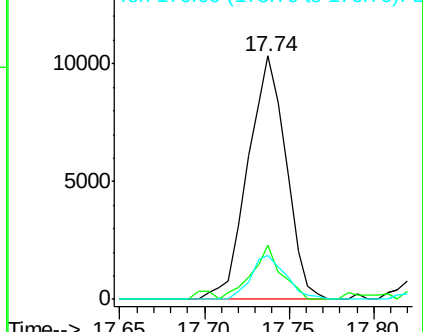
176 17.9 16.5 24.7



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: 2.079 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

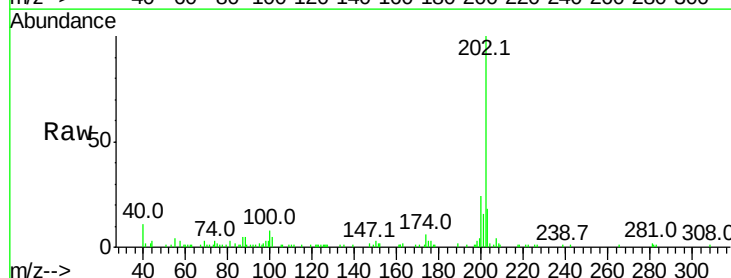
Tgt Ion:202 Resp: 33908

Ion Ratio Lower Upper

202 100

101 5.3 6.2 9.2#

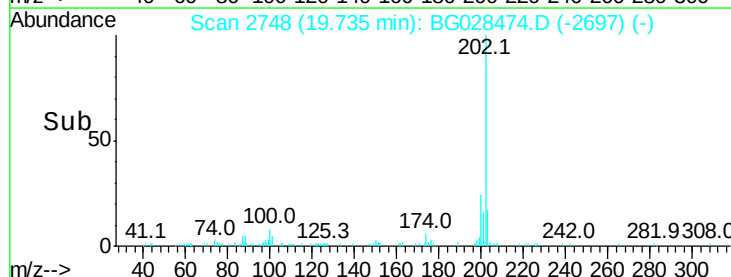
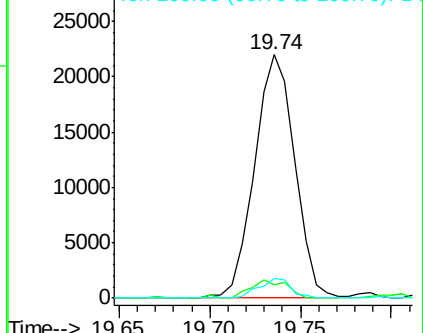
100 7.9 5.2 7.8#

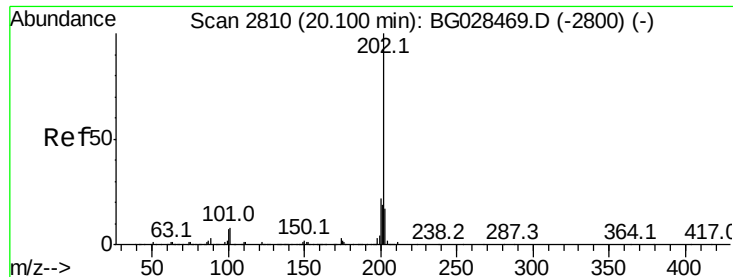


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

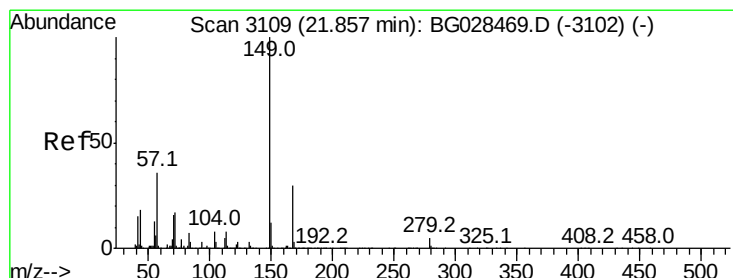
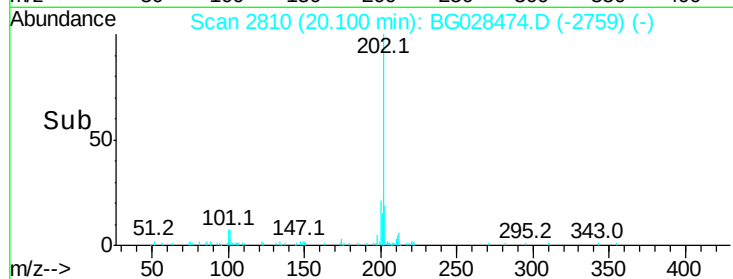
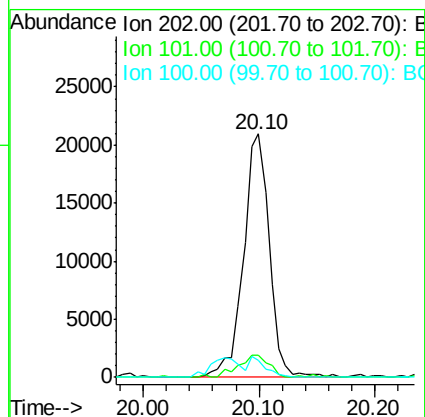
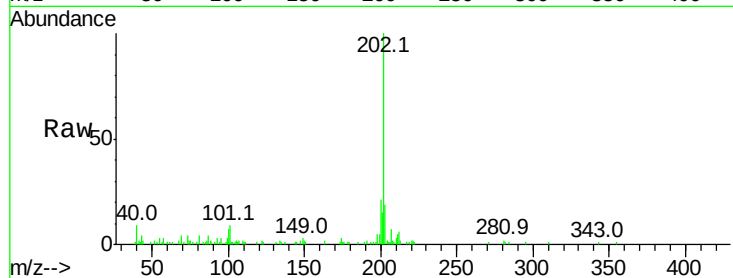




#77
 Pvrene
 Concen: 1.752 ng/ul
 RT: 20.10 min Scan# 2810
 Delta R.T. -0.00 min
 Lab File: BG028474.D
 Acq: 25 Aug 2017 00:05

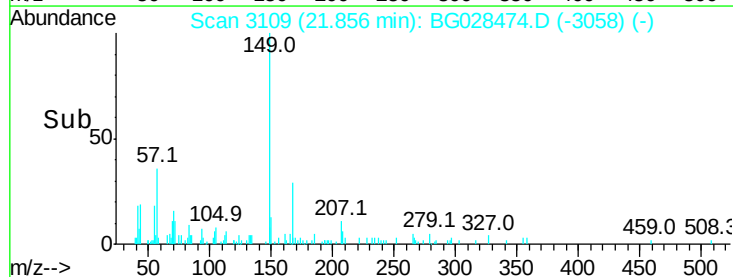
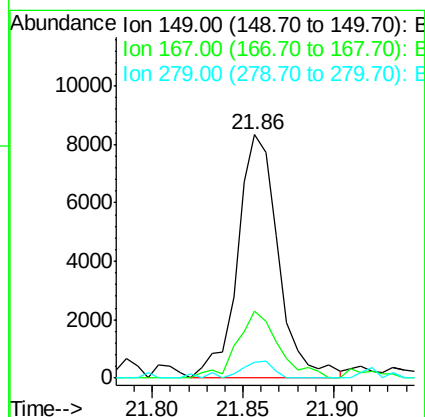
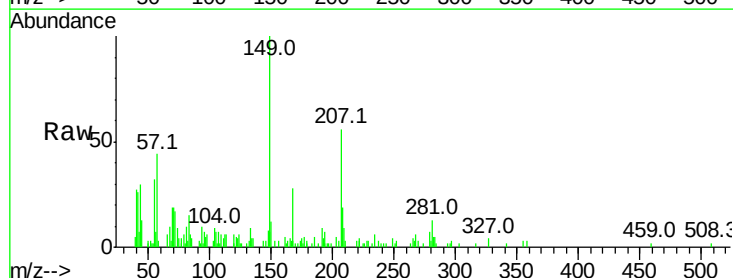
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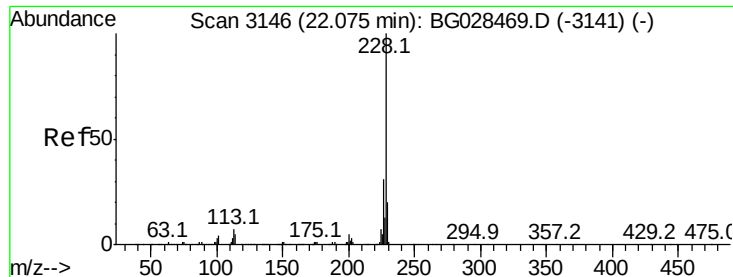
Tot Ion:	202	Resp:	32542
Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	7.3	6.6	10.0



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.313 ng/ul
 RT: 21.86 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG028474.D
 Acq: 25 Aug 2017 00:05

Tgt Ion:	149	Resp:	13001
Ion	Ratio	Lower	Upper
149	100		
167	30.3	21.8	32.8
279	6.6	4.5	6.7





#82

Chrysene

Concen: 1.162 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

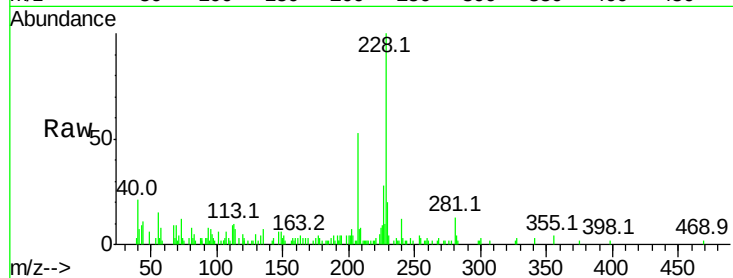
BNA_G

ClientSampleId :

B0AN8

Tot Ion:228 Resp: 18832

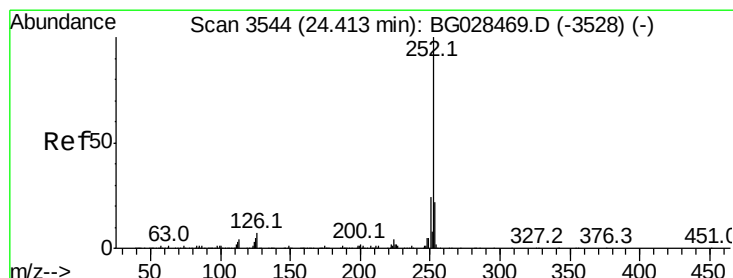
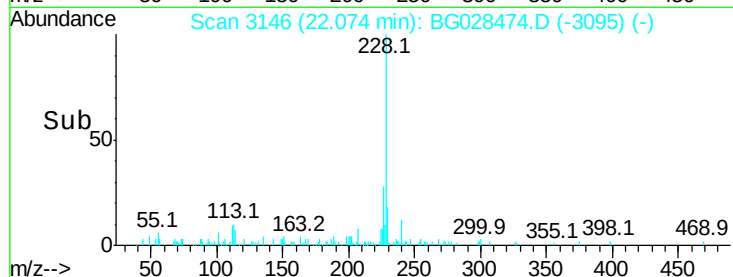
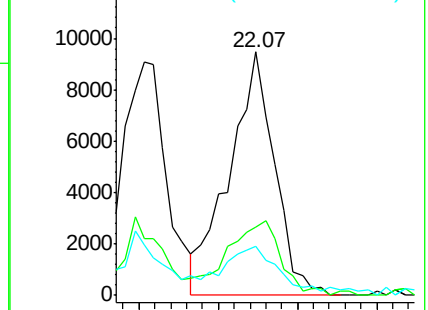
Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.0	36.0
229	20.0	16.9	25.3



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: 1.663 ng/ul

RT: 24.40 min Scan# 3542

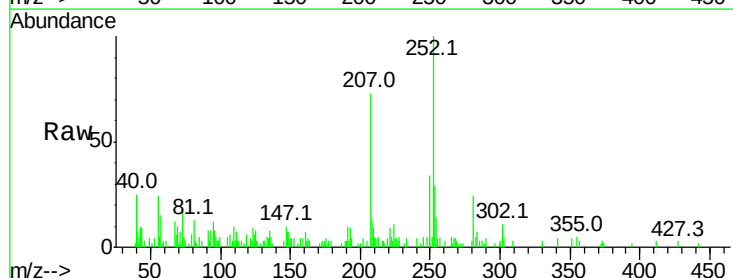
Delta R.T. -0.01 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Tgt Ion:252 Resp: 30853

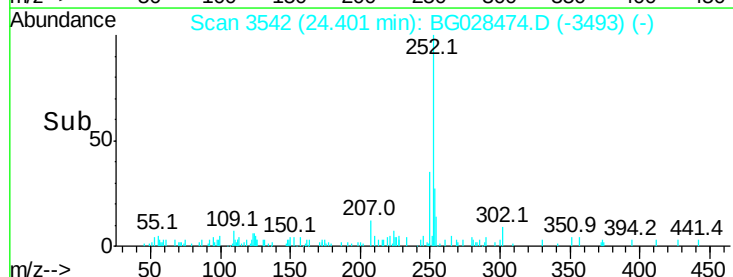
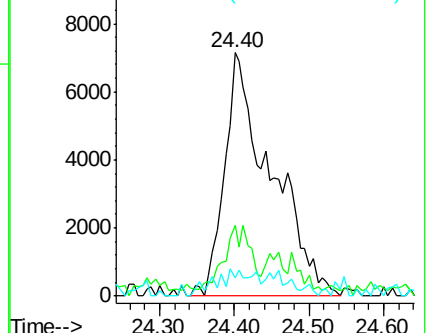
Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.7	26.5#
125	10.7	4.0	6.0#

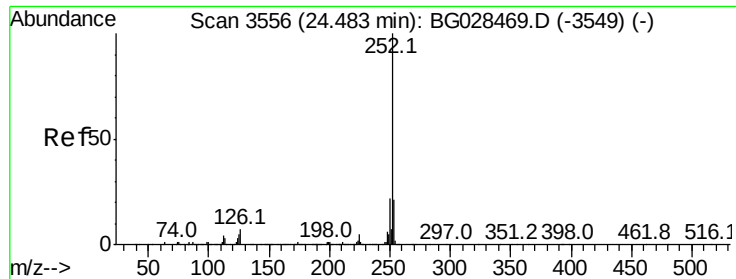


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.703 ng/ul

RT: 24.40 min Scan# 3542

Delta R.T. -0.08 min

Lab File: BG028474.D

Acq: 25 Aug 2017 00:05

Instrument :

BNA_G

ClientSampleId :

B0AN8

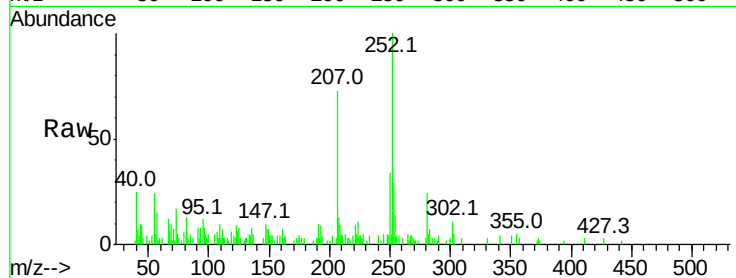
Tot Ion:252 Resp: 30853

Ion Ratio Lower Upper

252 100

253 29.0 18.5 27.7#

125 10.7 4.1 6.1#



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

