

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028475.D
 Acq On : 25 Aug 2017 00:44
 Operator : SJ/JU
 Sample : I4840-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN6

Quant Time: Aug 25 03:53:46 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	36272	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	155372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	115061	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	304775	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	363237	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	354978	20.00	ng/ul	0.00

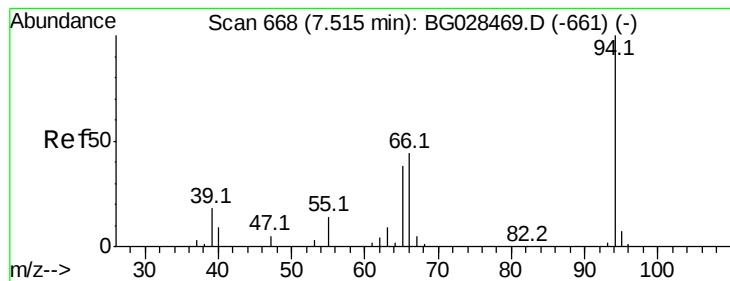
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3518	4.52	ng/uL	0.00
5) Phenol-d5	7.49	99	85285	21.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	54275	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	64411	25.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	59521	17.88	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	33345	27.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	39339	29.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	71635	25.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	49977	16.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	274179	26.79	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	298685	25.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	40272	24.75	ng/ul	0.00
57) Fluorene-d10	15.93	176	234685	25.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	47180	23.83	ng/ul	0.00
70) Anthracene-d10	17.80	188	389841	26.67	ng/ul	0.00
76) Pyrene-d10	20.07	212	484248	26.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	465204	27.99	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.52	94	9076	2.292	ng/ul 99
44) Dimethylphthalate	14.38	163	117616	12.482	ng/ul 97
69) Phenanthrene	17.74	178	68232	4.449	ng/ul 98
71) Anthracene	17.83	178	17795	1.135	ng/ul 93
74) Fluoranthene	19.74	202	145147	7.787	ng/ul# 97
77) Pyrene	20.10	202	134396	6.202	ng/ul# 96
80) Benzo(a)anthracene	22.00	228	97859	4.663	ng/ul 94
82) Chrysene	22.07	228	90923	4.810	ng/ul 99
85) Benzo(b)fluoranthene	24.40	252	118956	5.600	ng/ul 95
86) Benzo(k)fluoranthene	24.47	252	42015	2.025	ng/ul 97
88) Benzo(a)pyrene	25.35	252	87805	4.269	ng/ul 99
89) Indeno(1,2,3-cd)pyrene	29.52	276	44628	1.853	ng/ul# 95
91) Benzo(g,h,i)perylene	30.79	276	40813	2.060	ng/ul 100

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



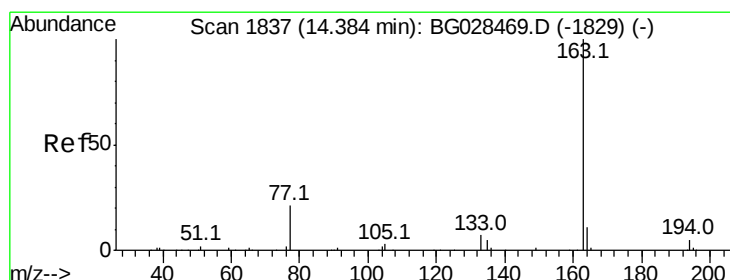
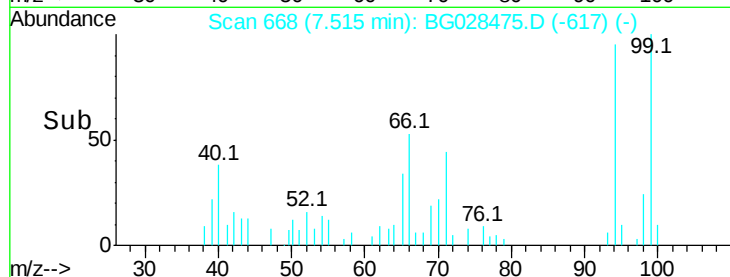
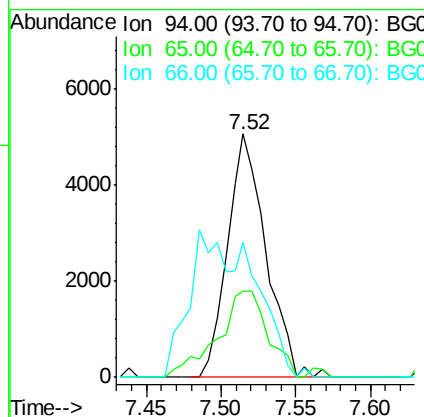
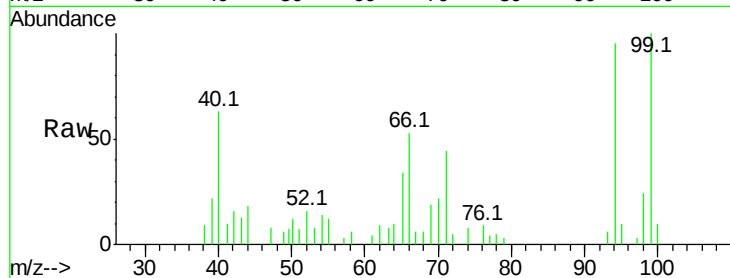
#6

Phenol

Concen: 2.292 ng/ul
 RT: 7.52 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BG028475.D
 Acq: 25 Aug 2017 00:44

Instrument :
 BNA_G
 ClientSampleId :
 B0AN6

Tot Ion: 94 Resp: 9076
 Ion Ratio Lower Upper
 94 100
 65 35.3 26.8 40.2
 66 55.4 44.4 66.6

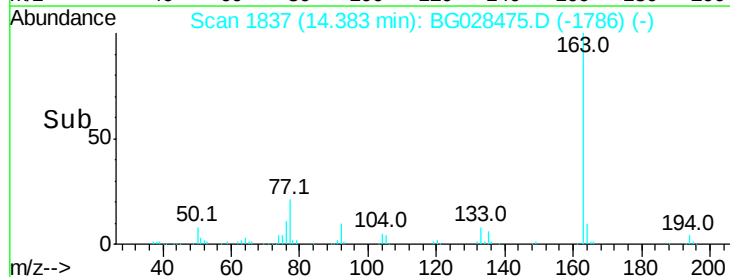
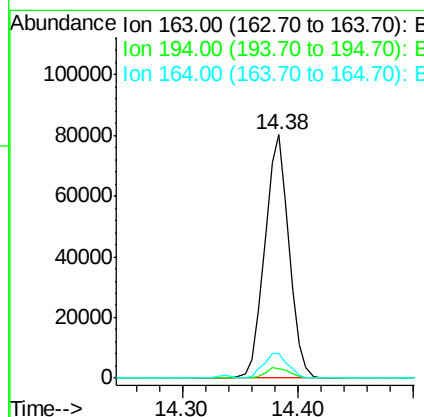
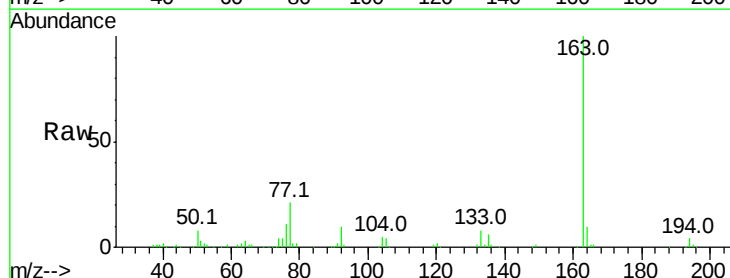


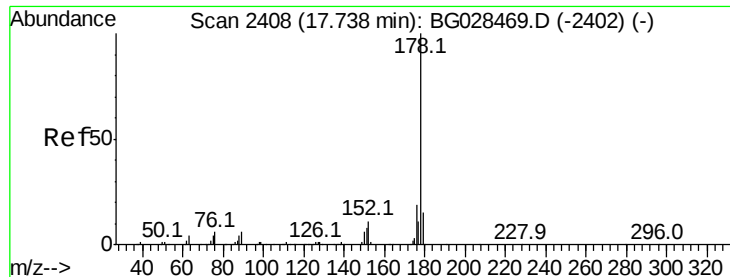
#44

Dimethylphthalate

Concen: 12.482 ng/ul
 RT: 14.38 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG028475.D
 Acq: 25 Aug 2017 00:44

Tgt Ion: 163 Resp: 117616
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 9.9 9.0 13.4





#69

Phenanthrene

Concen: 4.449 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

Instrument :

BNA_G

ClientSampleId :

B0AN6

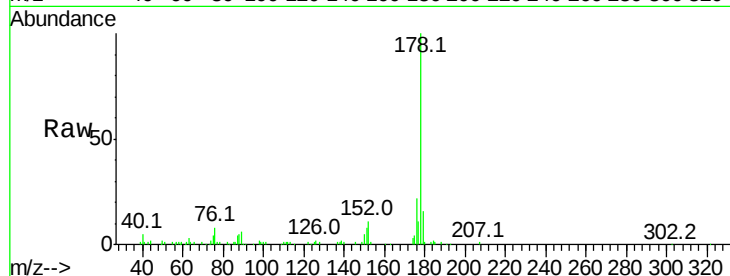
Tot Ion:178 Resp: 68232

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

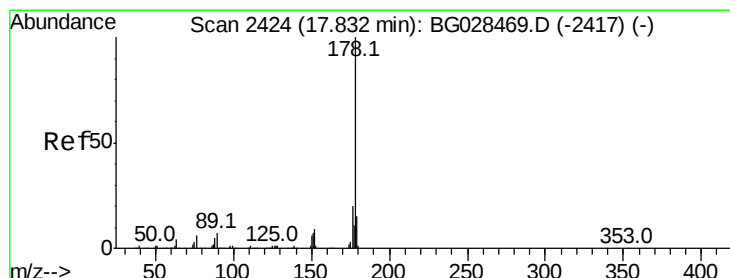
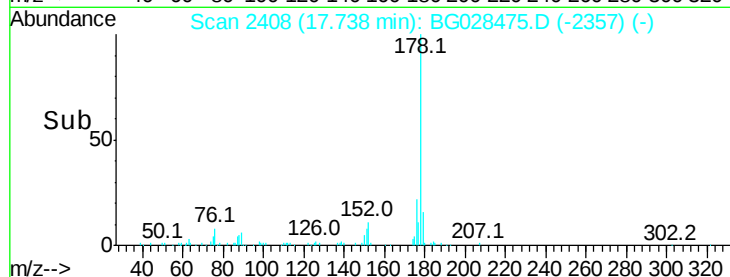
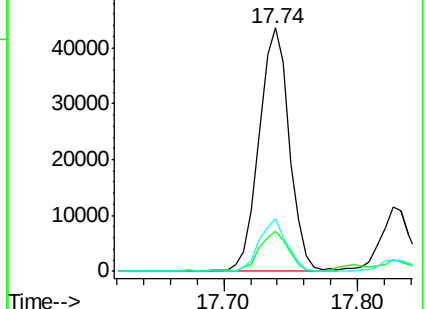
176 21.7 16.5 24.7



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



#71

Anthracene

Concen: 1.135 ng/ul

RT: 17.83 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

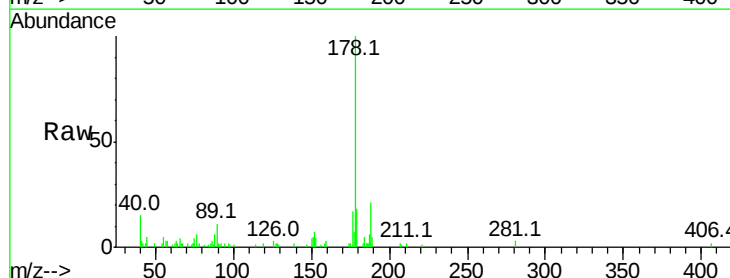
Tgt Ion:178 Resp: 17795

Ion Ratio Lower Upper

178 100

179 18.2 12.6 19.0

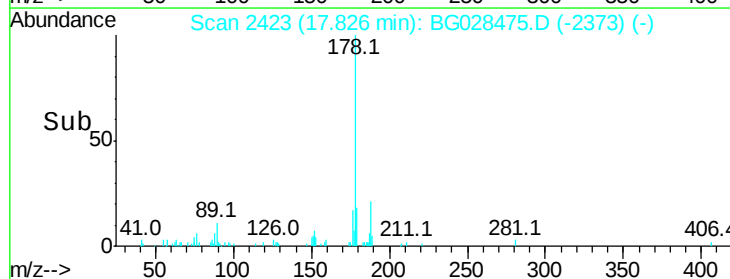
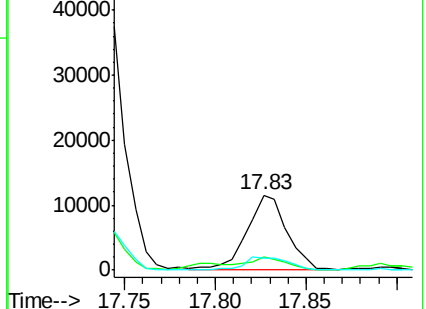
176 16.5 15.9 23.9

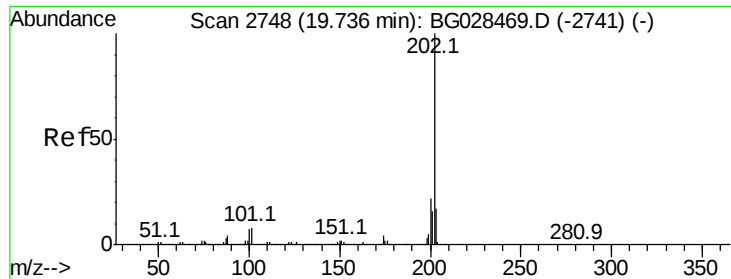


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 7.787 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

Instrument :

BNA_G

ClientSampleId :

B0AN6

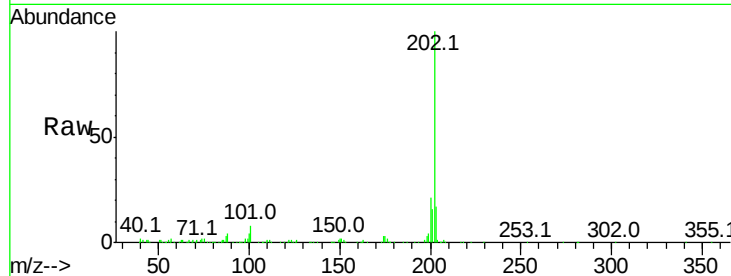
Tot Ion:202 Resp: 145147

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.2

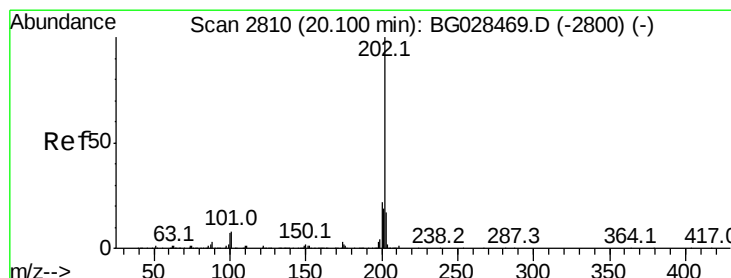
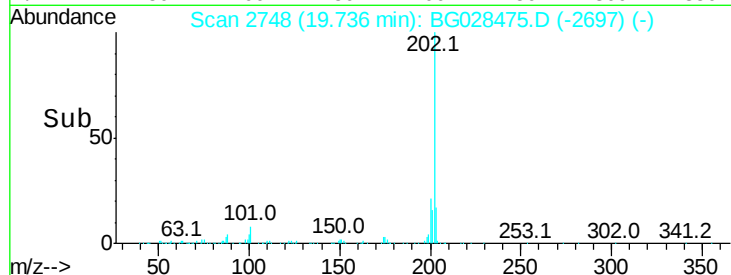
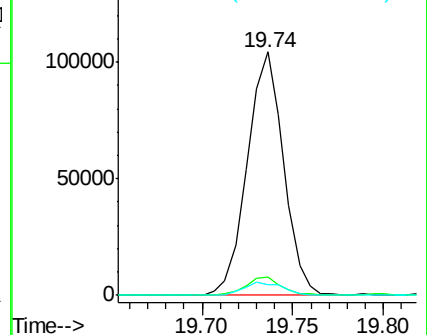
100 4.5 5.2 7.8#



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): B



#77

Pyrene

Concen: 6.202 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

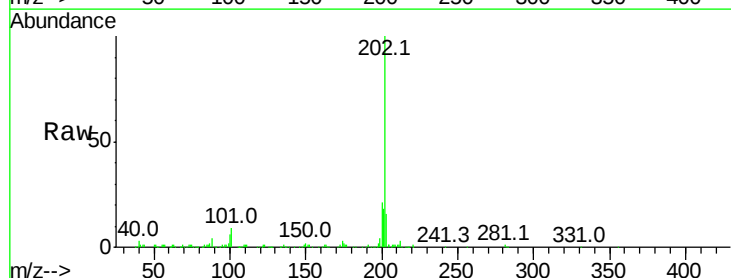
Tgt Ion:202 Resp: 134396

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

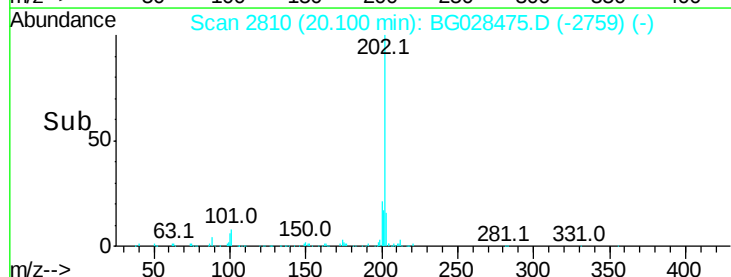
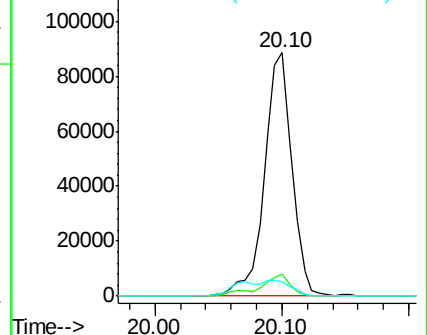
100 6.1 6.6 10.0#

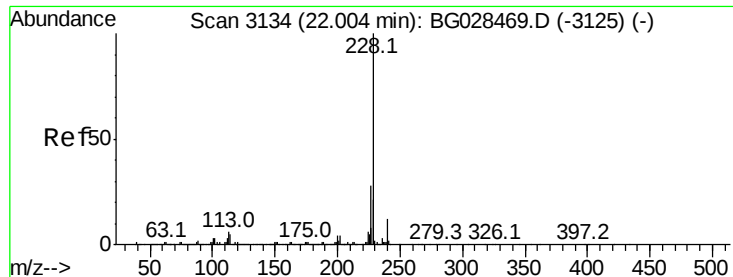


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.663 ng/ul

RT: 22.00 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

Instrument :

BNA_G

ClientSampleId :

B0AN6

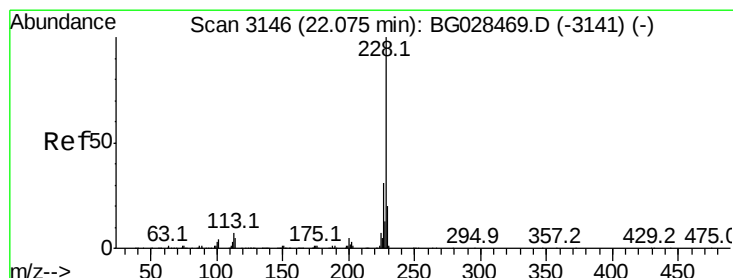
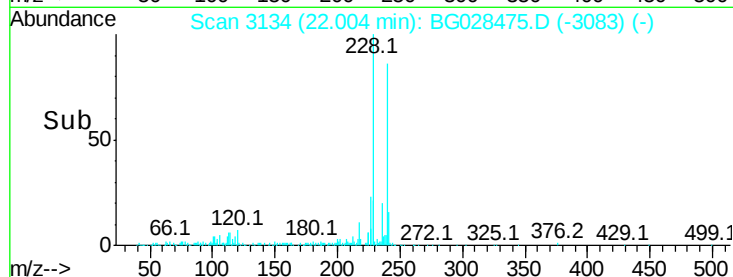
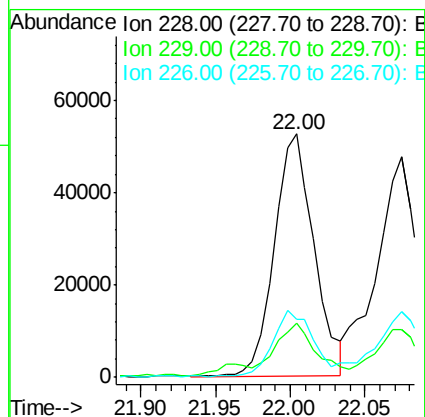
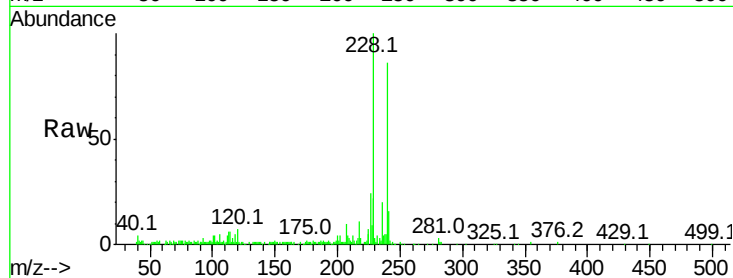
Tot Ion:228 Resp: 97859

Ion Ratio Lower Upper

228 100

229 22.4 16.3 24.5

226 23.7 21.9 32.9



#82

Chrysene

Concen: 4.810 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

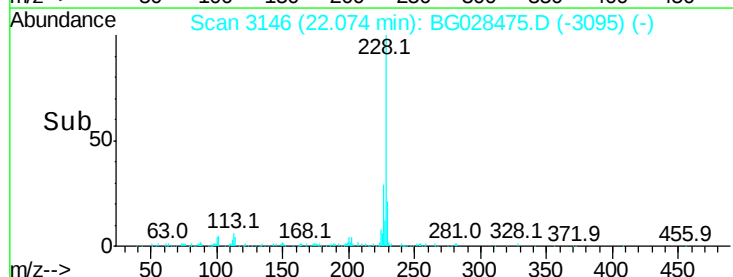
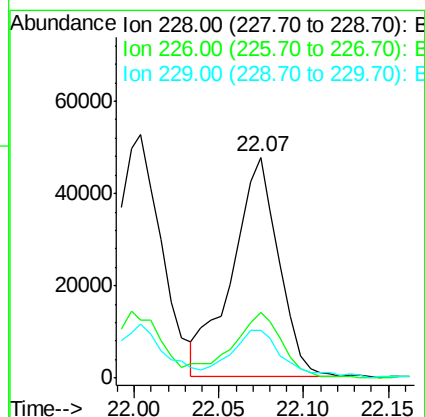
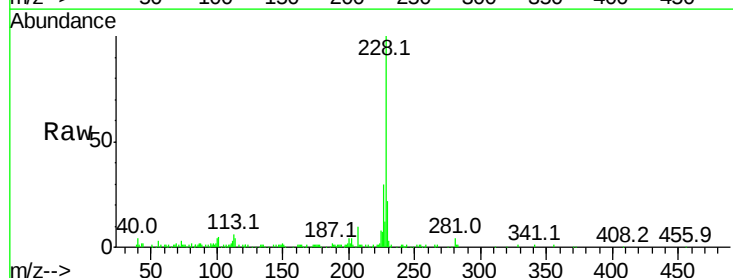
Tgt Ion:228 Resp: 90923

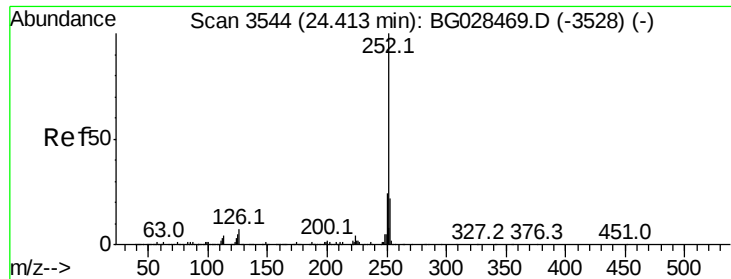
Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 21.7 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 5.600 ng/ul

RT: 24.40 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

Instrument :

BNA_G

ClientSampleId :

B0AN6

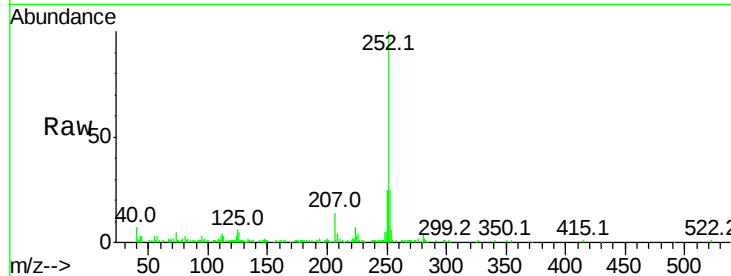
Tot Ion:252 Resp: 118956

Ion Ratio Lower Upper

252 100

253 25.1 17.7 26.5

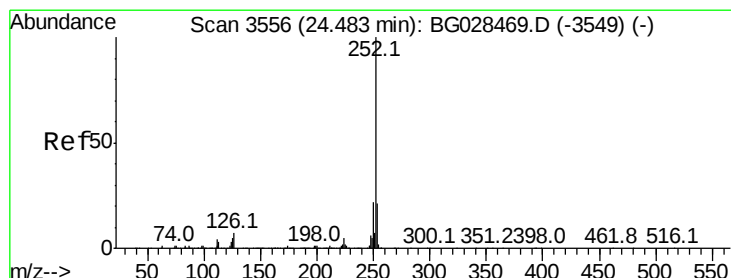
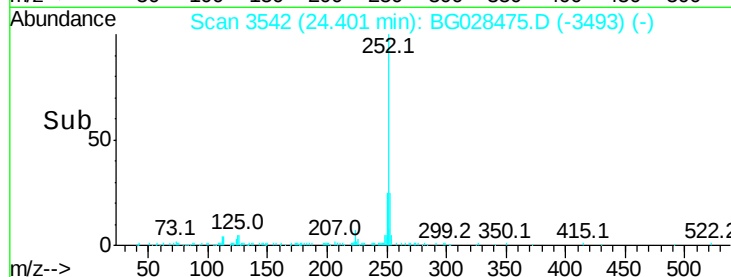
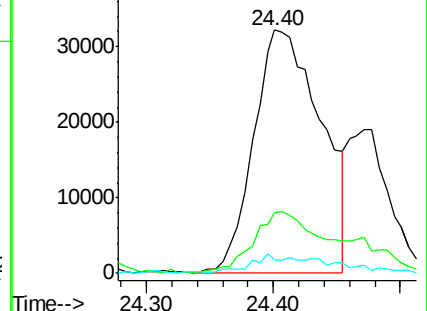
125 5.7 4.0 6.0



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: 2.025 ng/ul

RT: 24.47 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

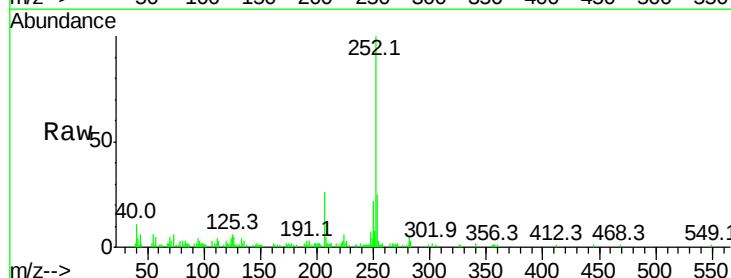
Tgt Ion:252 Resp: 42015

Ion Ratio Lower Upper

252 100

253 24.9 18.5 27.7

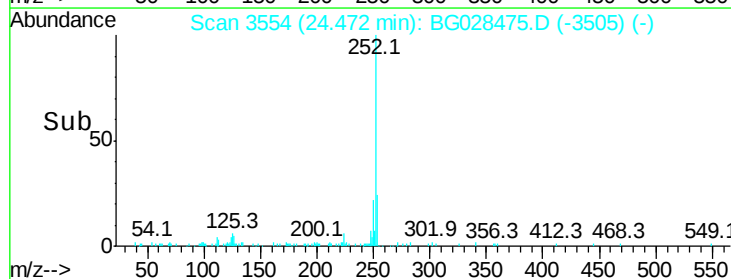
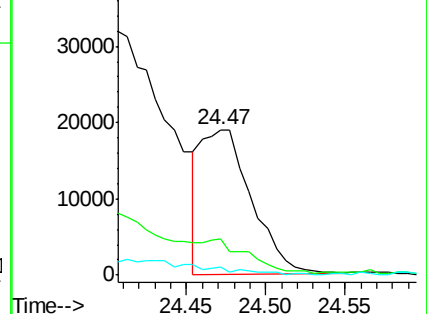
125 5.8 4.1 6.1

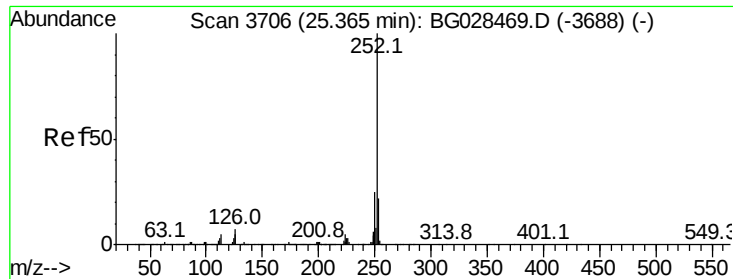


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.269 ng/ul

RT: 25.35 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

Instrument :

BNA_G

ClientSampleId :

B0AN6

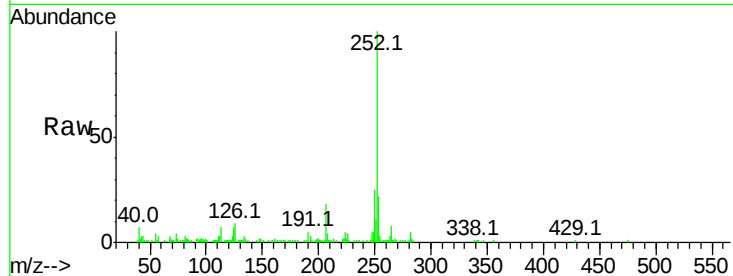
Tot Ion:252 Resp: 87805

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

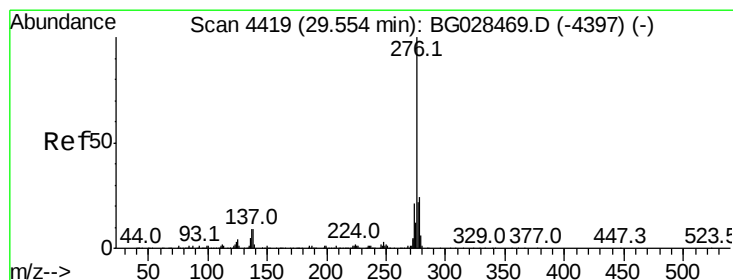
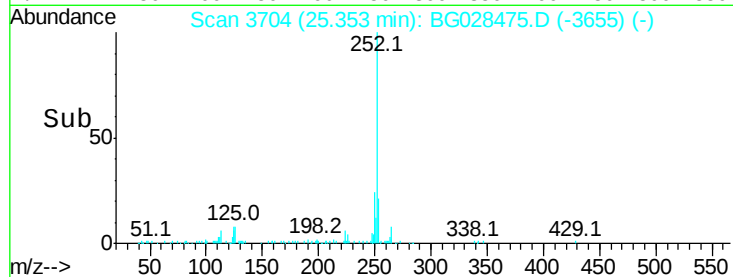
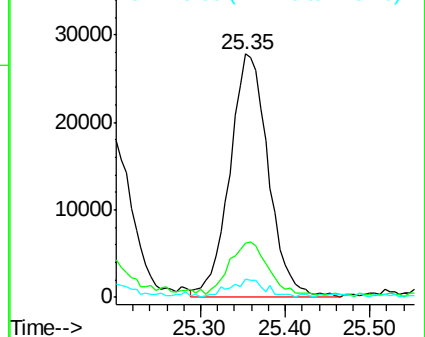
125 7.4 5.4 8.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.853 ng/ul

RT: 29.52 min Scan# 4414

Delta R.T. -0.03 min

Lab File: BG028475.D

Acq: 25 Aug 2017 00:44

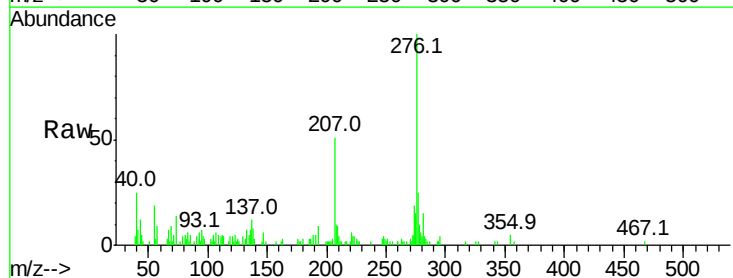
Tgt Ion:276 Resp: 44628

Ion Ratio Lower Upper

276 100

138 7.5 8.2 12.4#

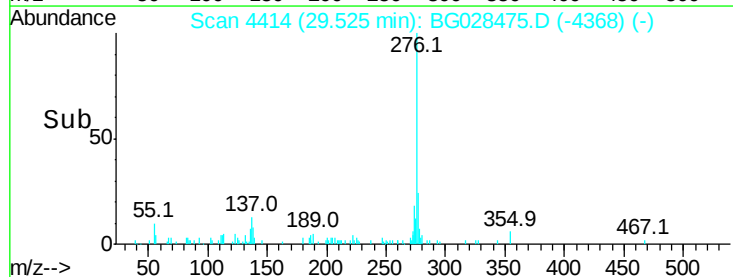
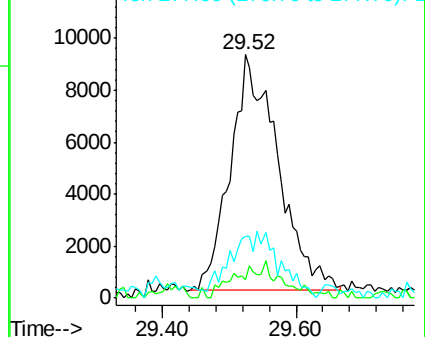
277 25.2 18.6 28.0

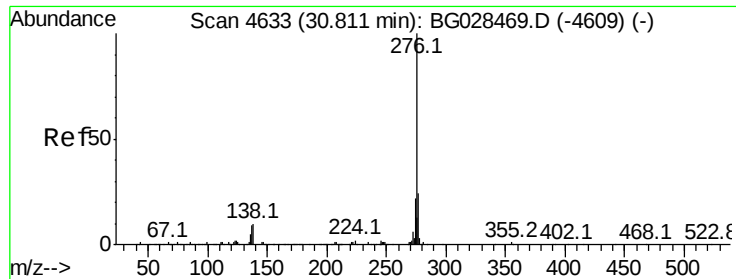


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

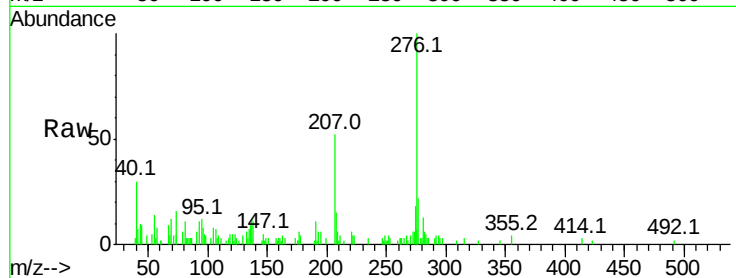




#91
 Benzo(a,h,i)perylene
 Concen: 2.060 ng/ul
 RT: 30.79 min Scan# 4630
 Delta R.T. -0.02 min
 Lab File: BG028475.D
 Acq: 25 Aug 2017 00:44

Instrument :
 BNA_G
 ClientSampleId :
 B0AN6

Tot Ion: 276 Resp: 40813
 Ion Ratio Lower Upper
 276 100
 138 10.7 8.6 12.8
 277 21.8 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

