

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Quant Time: Aug 29 03:59:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	49313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	210292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	545356	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	373574	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	372884	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6358	6.00	ng/uL	0.00
5) Phenol-d5	7.49	99	153817	28.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	95362	27.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	114359	33.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	125082	27.63	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	58135	35.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	68852	38.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	130502	34.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	104175	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	402504	33.42	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	472793	34.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	42646	22.27	ng/ul	0.00
57) Fluorene-d10	15.93	176	341576	31.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	360	0.10	ng/ul	0.06
70) Anthracene-d10	17.80	188	545356	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	635558	33.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	625499	35.83	ng/ul	0.02

Target Compounds

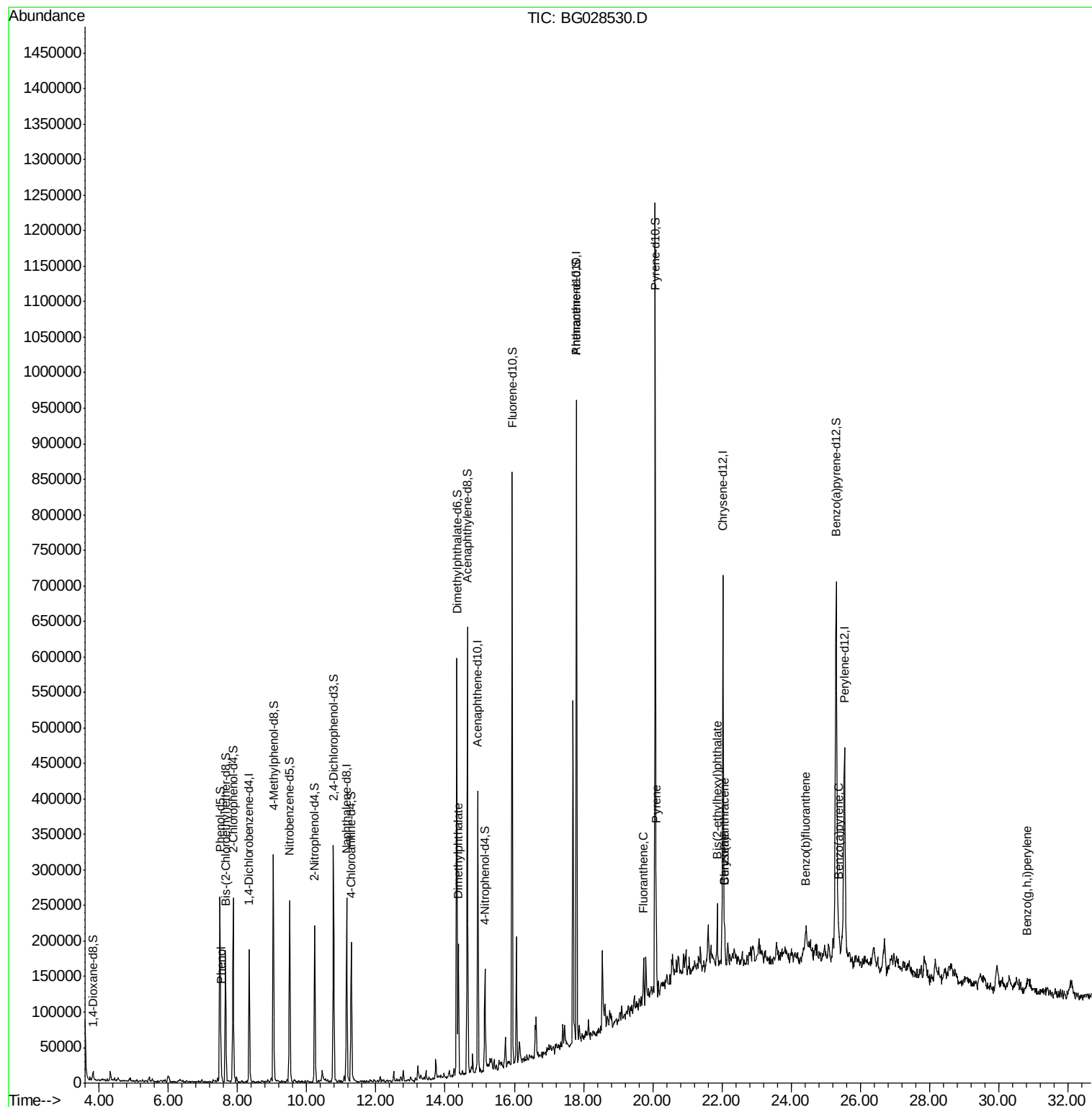
					Ovalue
6) Phenol	7.52	94	11462	2.130 ng/ul	94
44) Dimethylphthalate	14.38	163	102413	9.235 ng/ul	99
74) Fluoranthene	19.74	202	44872	1.345 ng/ul	99
77) Pyrene	20.10	202	60061	2.695 ng/ul	98
80) Benzo(a)anthracene	22.08	228	41685	1.931 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.86	149	42975	3.619 ng/ul	96
82) Chrysene	22.08	228	41552	2.137 ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	47121	2.112 ng/ul#	85
88) Benzo(a)pyrene	25.37	252	37494	1.735 ng/ul#	90
91) Benzo(a,h,i)perylene	30.83	276	37614	1.807 ng/ul#	88

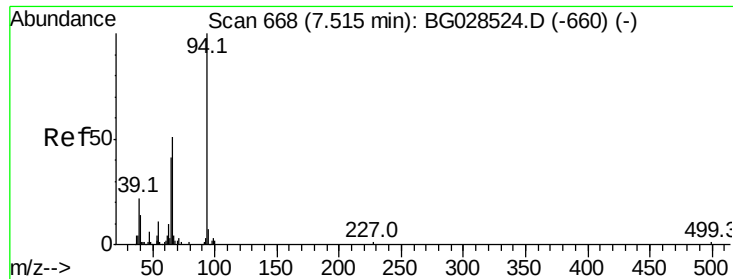
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.130 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

ClientSampleId :

B0AZ2

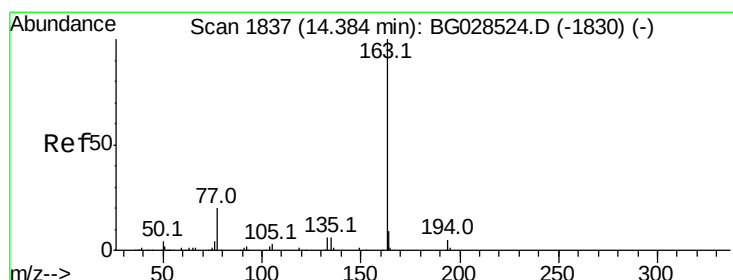
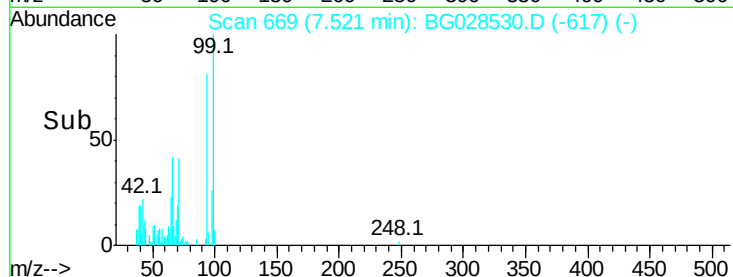
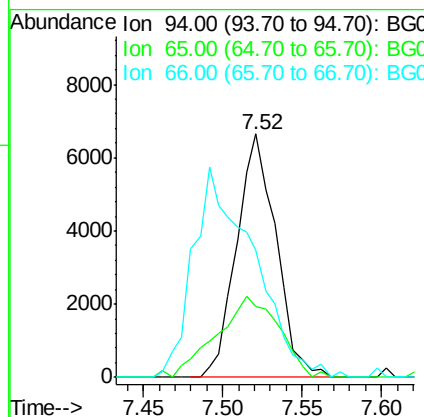
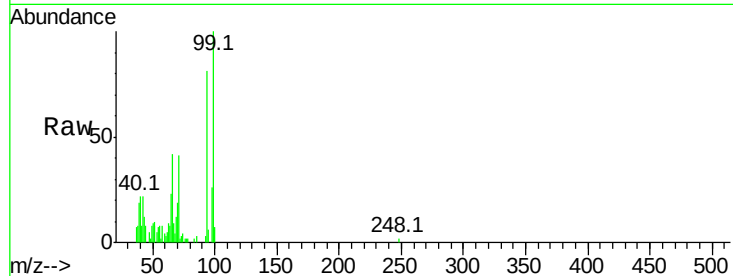
Tot Ion: 94 Resp: 11462

Ion Ratio Lower Upper

94 100

65 28.8 26.8 40.2

66 52.0 44.4 66.6



#44

Dimethylphthalate

Concen: 9.235 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

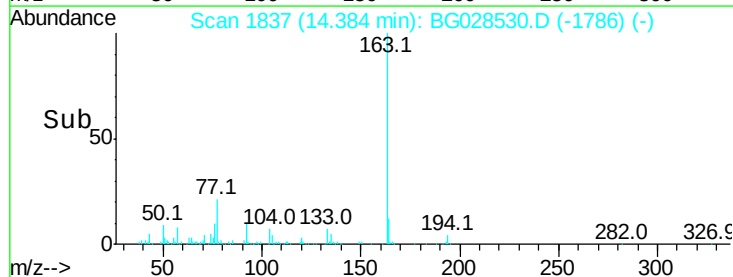
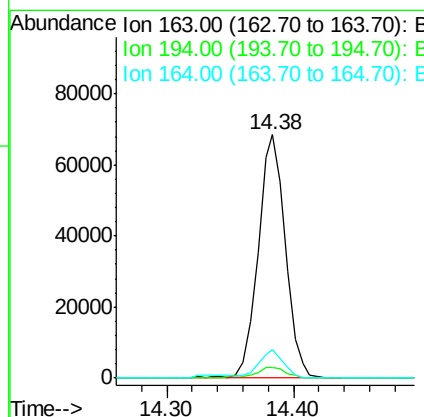
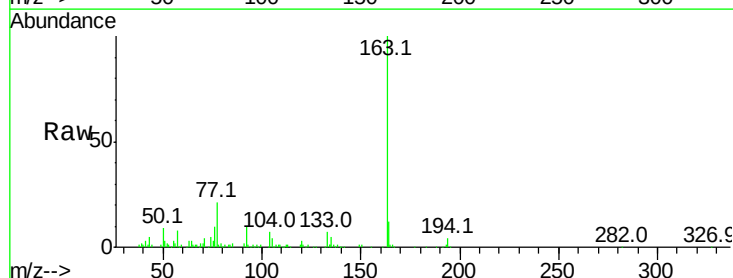
Tgt Ion: 163 Resp: 102413

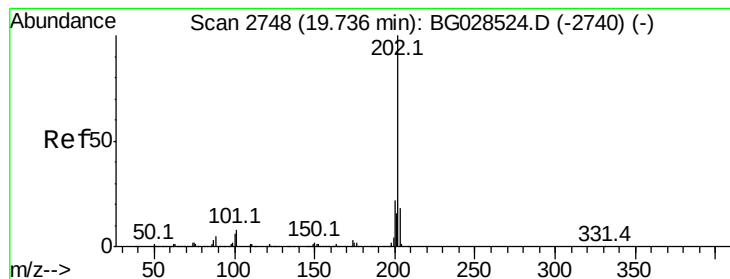
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 11.7 9.0 13.4





#74

Fluoranthene

Concen: 1.345 ng/ul

RT: 19.74 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

ClientSampleId :

B0AZ2

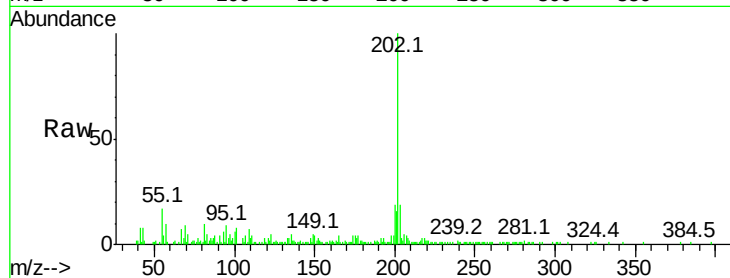
Tot Ion:202 Resp: 44872

Ion Ratio Lower Upper

202 100

101 7.7 6.2 9.2

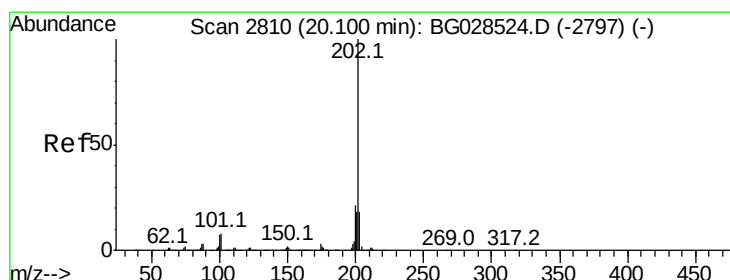
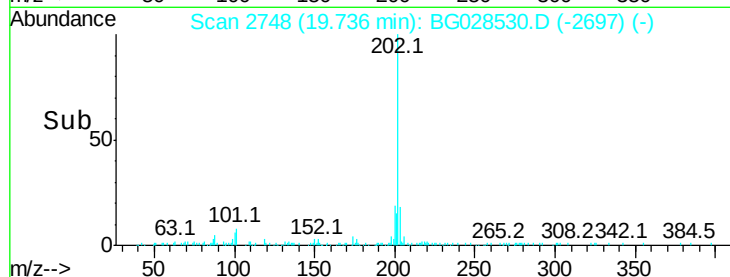
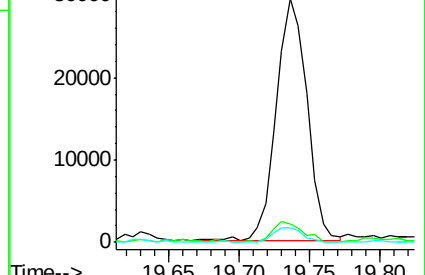
100 5.8 5.2 7.8



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: 2.695 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

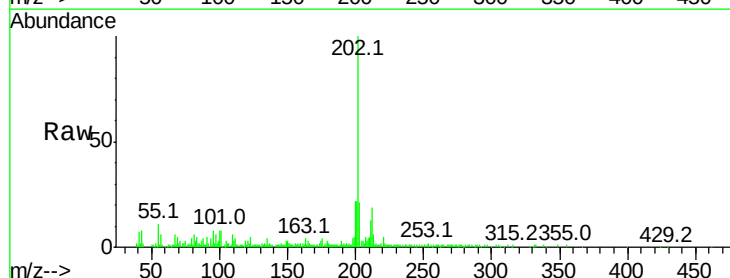
Tgt Ion:202 Resp: 60061

Ion Ratio Lower Upper

202 100

101 7.6 6.9 10.3

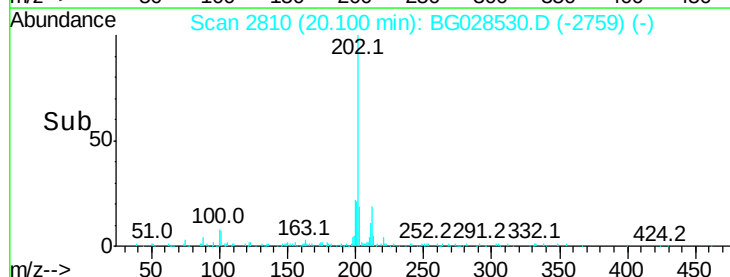
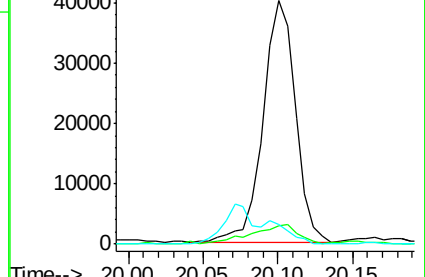
100 7.9 6.6 10.0

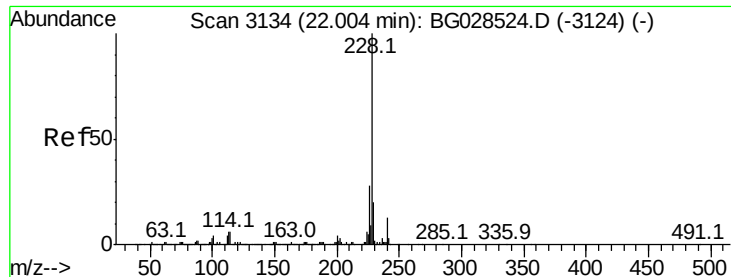


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.931 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. 0.08 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

ClientSampleId :

B0AZ2

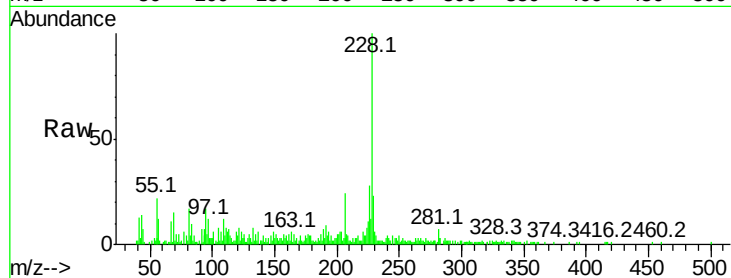
Tot Ion:228 Resp: 41685

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.3	24.5
226	28.2	21.9	32.9

228 100

229 23.0 16.3 24.5

226 28.2 21.9 32.9

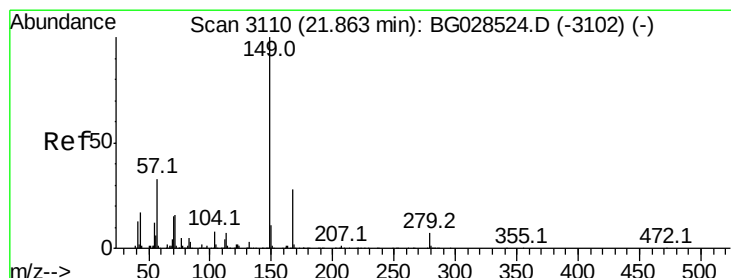
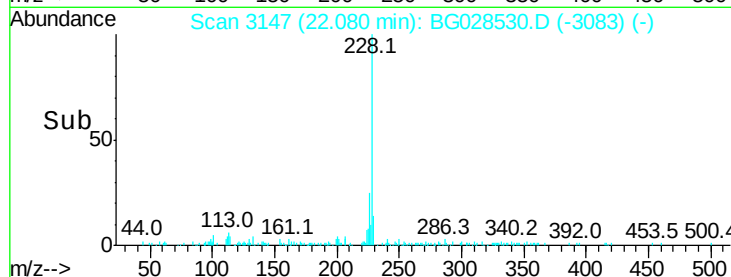
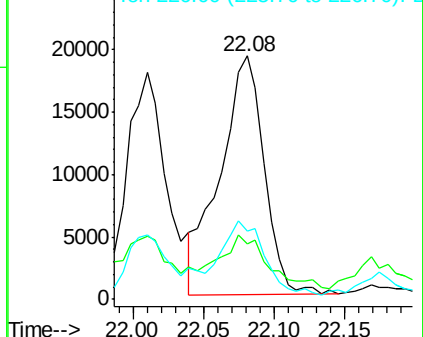


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.619 ng/ul

RT: 21.86 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

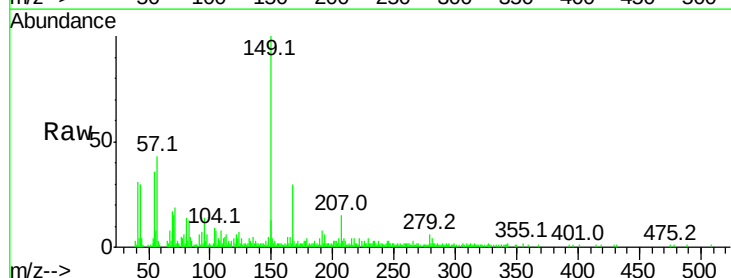
Tgt Ion:149 Resp: 42975

Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.8	32.8
279	5.6	4.5	6.7

149 100

167 29.9 21.8 32.8

279 5.6 4.5 6.7

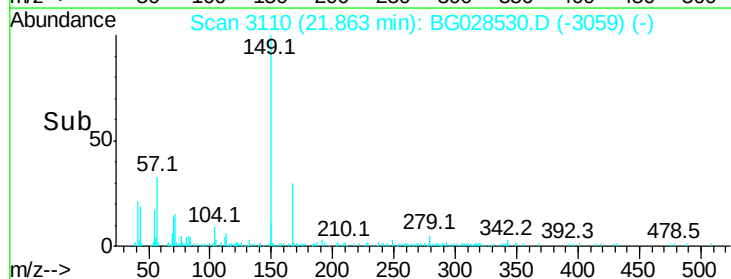
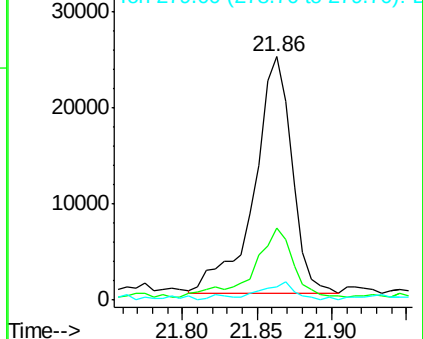


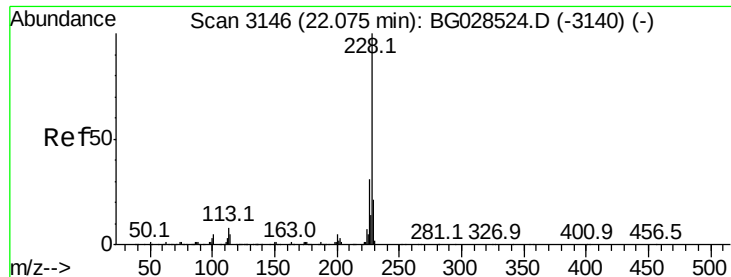
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.137 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

ClientSampleId :

B0AZ2

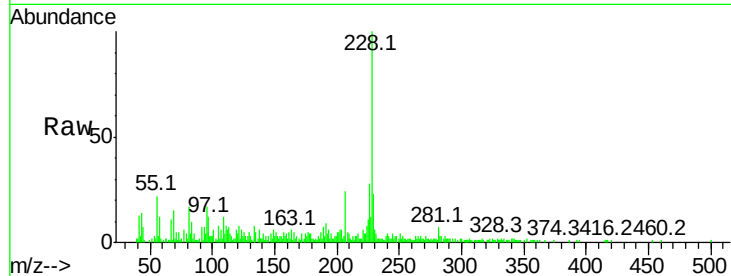
Tot Ion:228 Resp: 41552

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

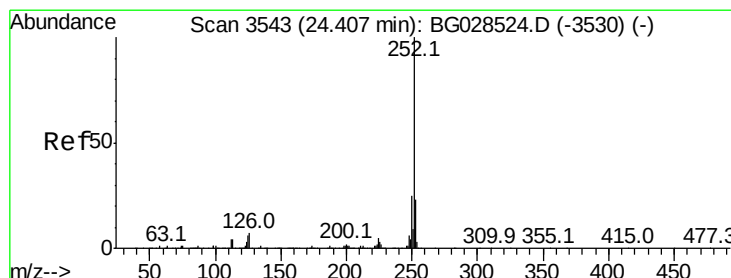
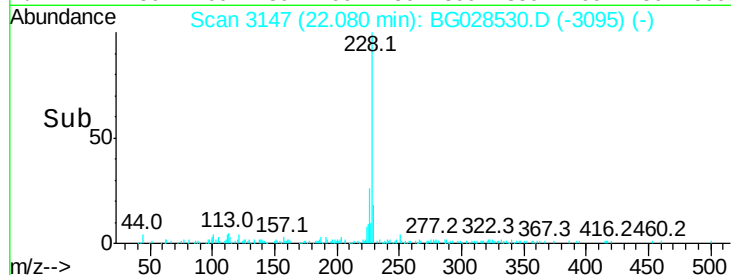
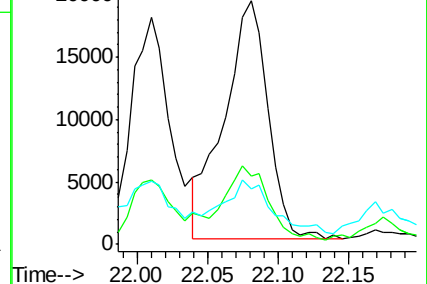
229 23.0 16.9 25.3



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: 2.112 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.02 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

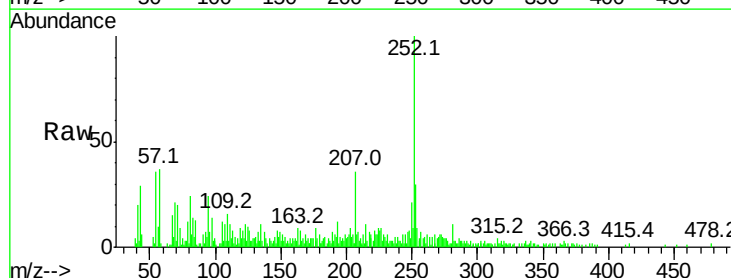
Tgt Ion:252 Resp: 47121

Ion Ratio Lower Upper

252 100

253 29.6 17.7 26.5#

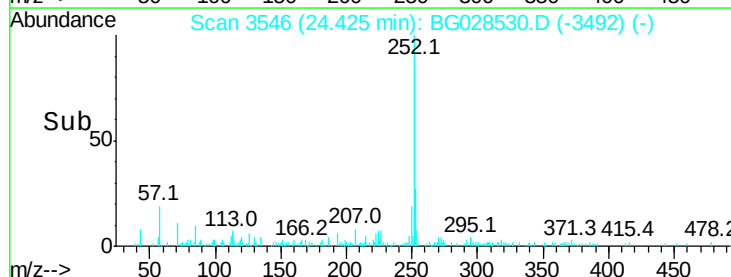
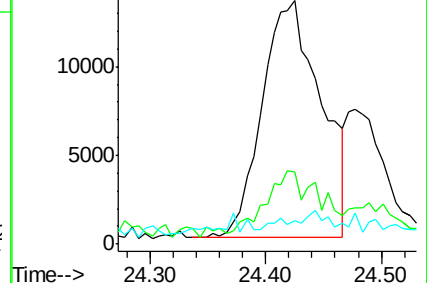
125 9.7 4.0 6.0#

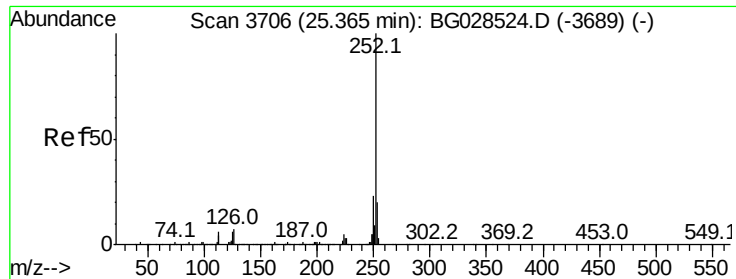


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.735 ng/ul

RT: 25.37 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

ClientSampleId :

B0AZ2

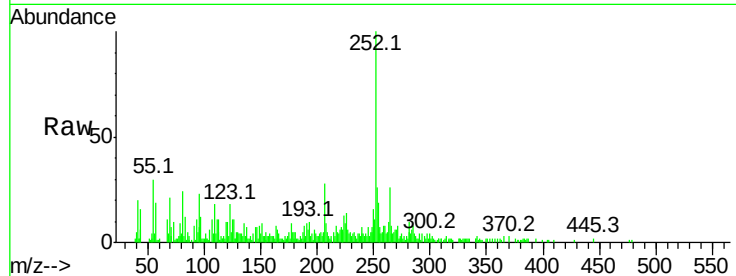
Tot Ion:252 Resp: 37494

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.6

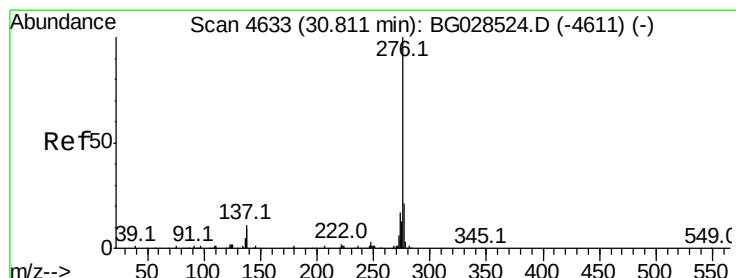
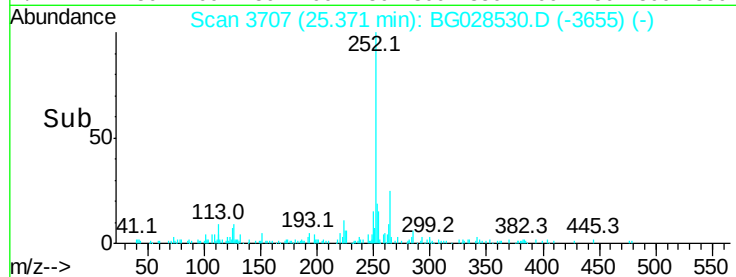
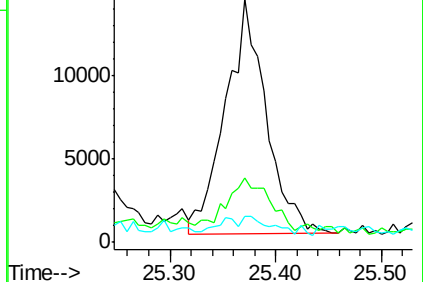
125 10.8 5.4 8.0#



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



#91

Benzo(g,h,i)perylene

Concen: 1.807 ng/ul

RT: 30.83 min Scan# 4637

Delta R.T. 0.02 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

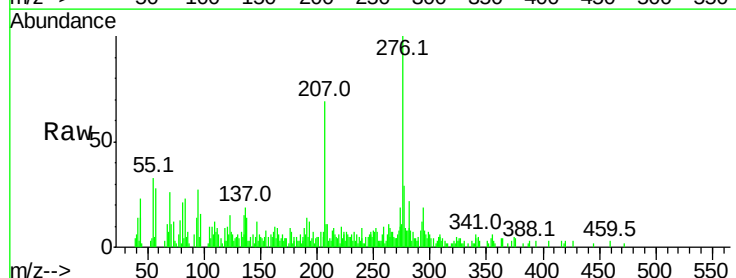
Tgt Ion:276 Resp: 37614

Ion Ratio Lower Upper

276 100

138 13.8 8.6 12.8#

277 28.6 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

