

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028498.D
 Acq On : 25 Aug 2017 19:42
 Operator : SJ/JU
 Sample : I4885-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 01:55:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35666	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	154844	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104218	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	246932	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	310047	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	315958	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	2842	3.71	ng/uL	0.00
5) Phenol-d5	7.49	99	84606	21.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	48814	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	61199	24.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	69582	21.25	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	29263	24.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	37441	28.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	69813	25.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	25300	8.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	232468	25.08	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	264797	25.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	32348	21.95	ng/ul	0.00
57) Fluorene-d10	15.94	176	200327	24.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	32137	20.03	ng/ul	0.00
70) Anthracene-d10	17.80	188	316174	26.70	ng/ul	0.00
76) Pyrene-d10	20.07	212	385542	24.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	382014	25.83	ng/ul	0.02

Target Compounds

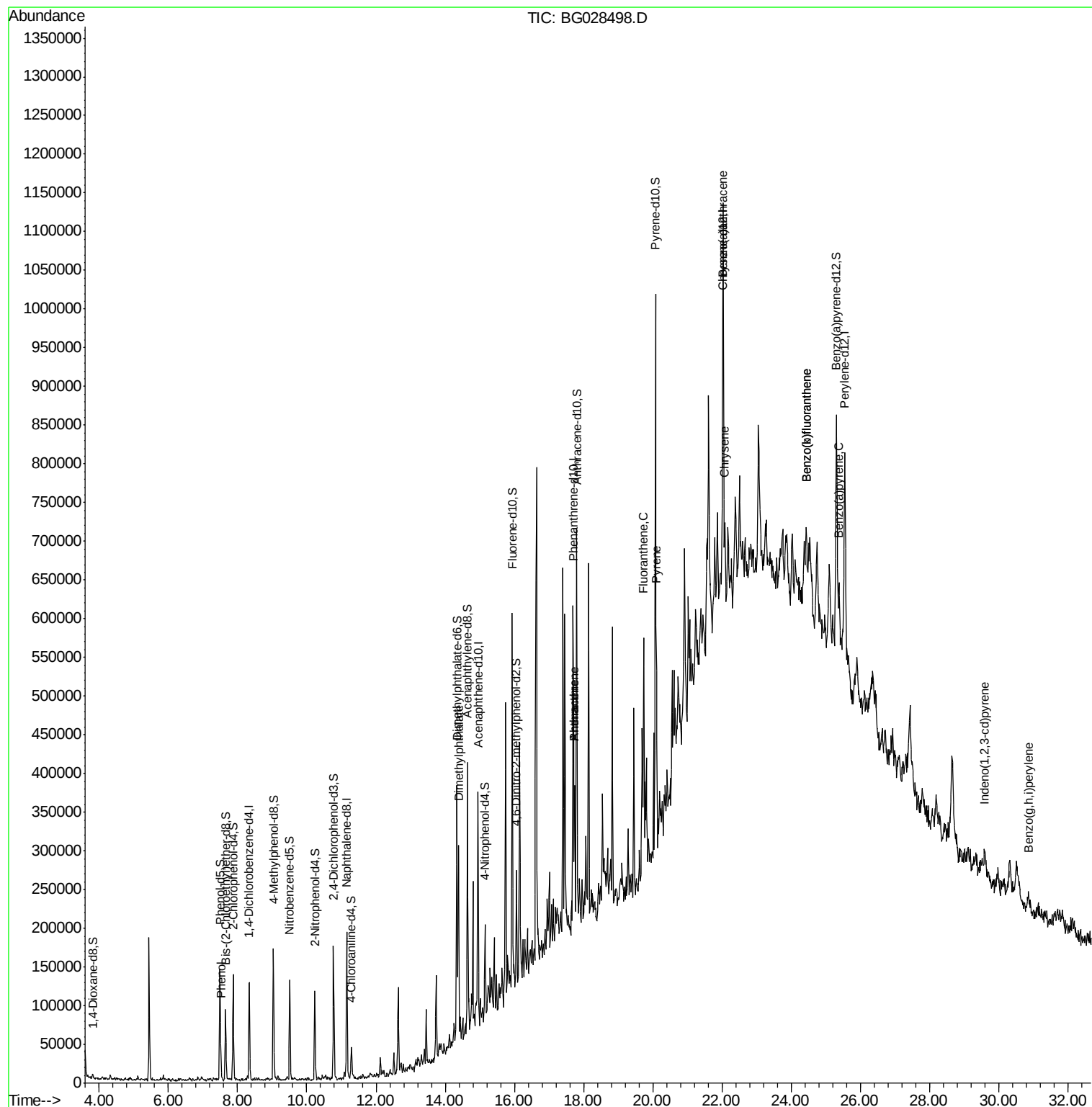
					Ovalue	
6) Phenol	7.52	94	7982	2.050	ng/ul#	84
44) Dimethylphthalate	14.38	163	67084	7.860	ng/ul	96
69) Phenanthrene	17.74	178	104997	8.449	ng/ul	97
71) Anthracene	17.74	178	105051	8.271	ng/ul	96
74) Fluoranthene	19.74	202	183430	12.146	ng/ul	99
77) Pyrene	20.10	202	174606	9.439	ng/ul	97
80) Benzo(a)anthracene	22.01	228	86411	4.824	ng/ul	98
82) Chrysene	22.08	228	83499	5.175	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	102465	5.419	ng/ul#	79
86) Benzo(k)fluoranthene	24.43	252	102465	5.548	ng/ul#	81
88) Benzo(a)pyrene	25.39	252	79952	4.367	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	29.59	276	49398	2.304	ng/ul#	87
91) Benzo(g,h,i)perylene	30.87	276	19693	1.117	ng/ul#	92

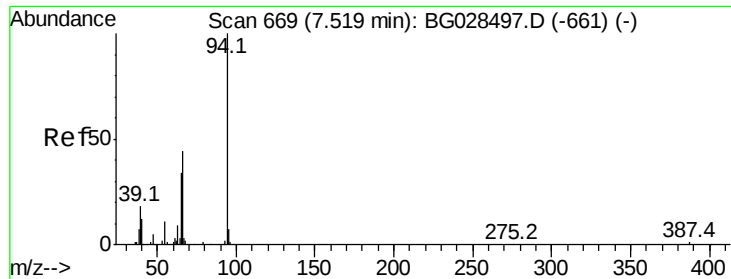
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampled :

Quant Time: Aug 26 01:55:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.050 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

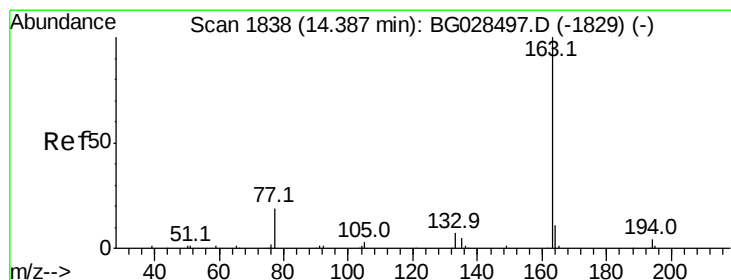
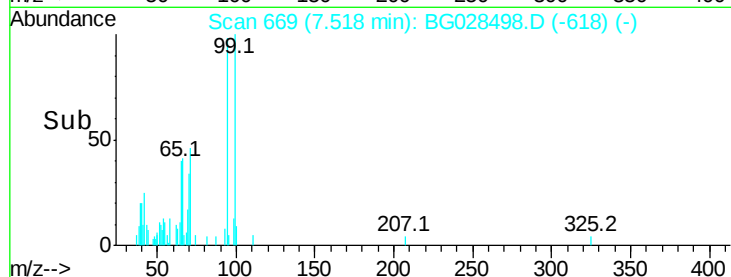
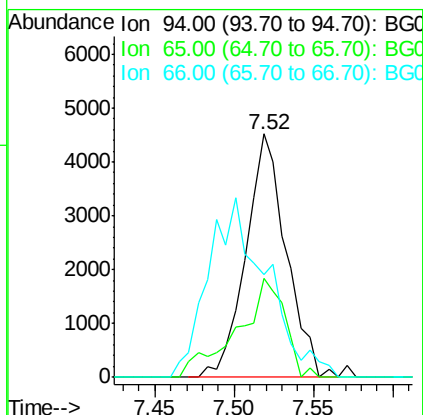
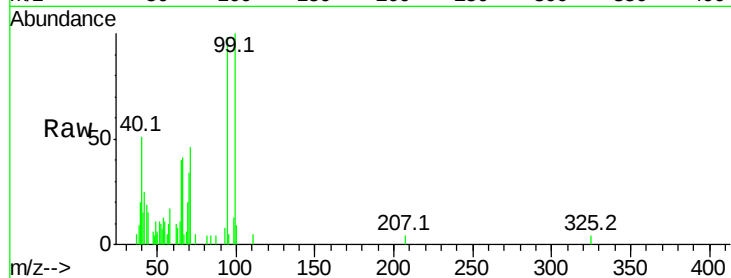
Tot Ion: 94 Resp: 7982

Ion Ratio Lower Upper

94 100

65 40.4 26.8 40.2#

66 42.5 44.4 66.6#



#44

Dimethylphthalate

Concen: 7.860 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

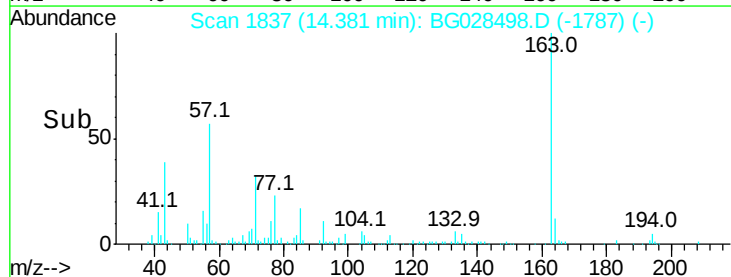
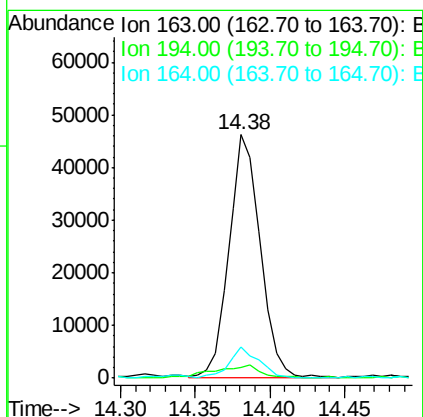
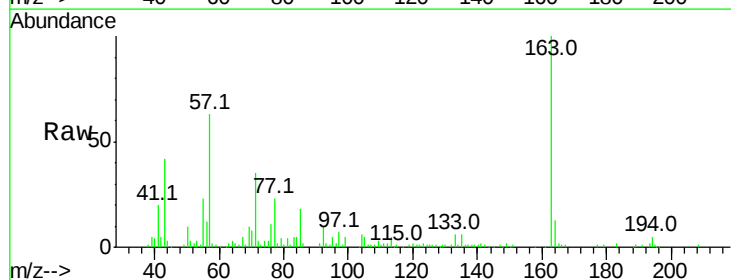
Tgt Ion: 163 Resp: 67084

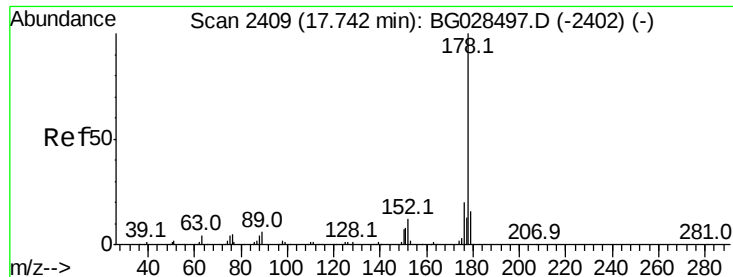
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 12.9 9.0 13.4





#69

Phenanthrene

Concen: 8.449 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

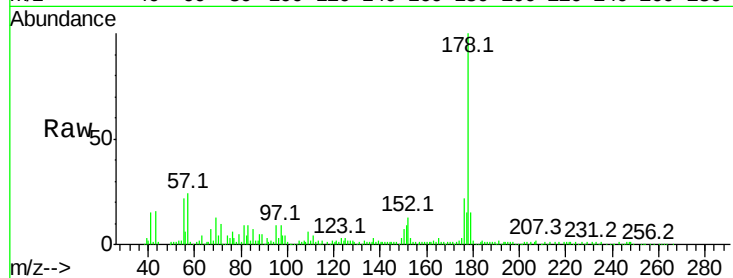
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 104997

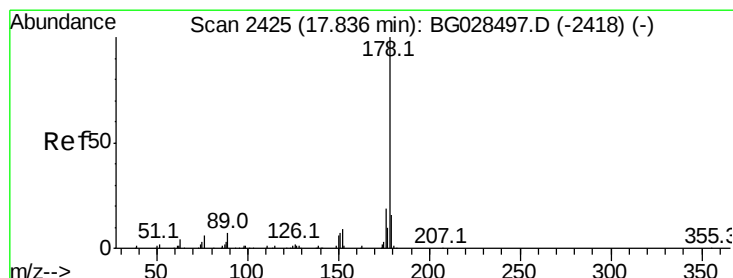
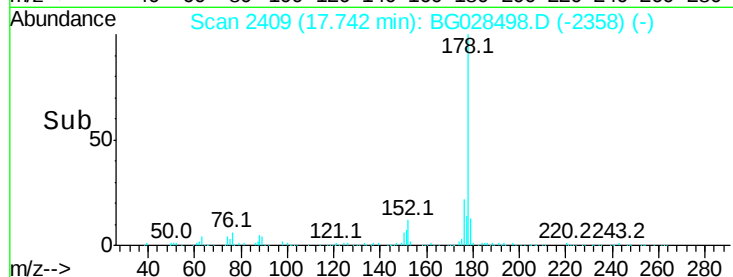
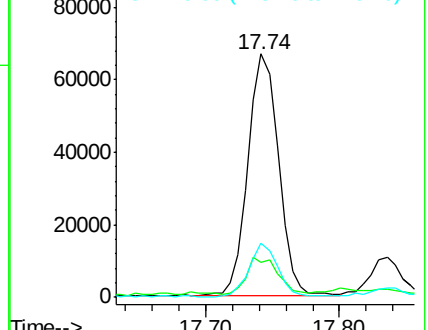
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	22.5	16.5	24.7



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: 8.271 ng/ul

RT: 17.74 min Scan# 2409

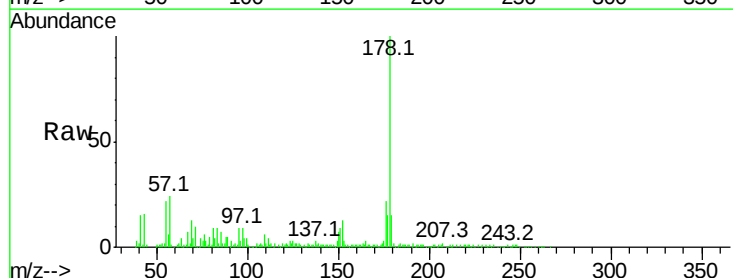
Delta R.T. -0.09 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Tgt Ion:178 Resp: 105051

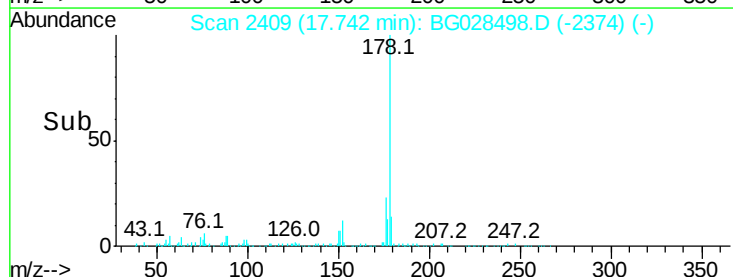
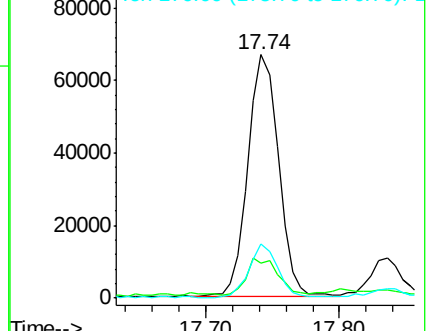
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	22.5	15.9	23.9

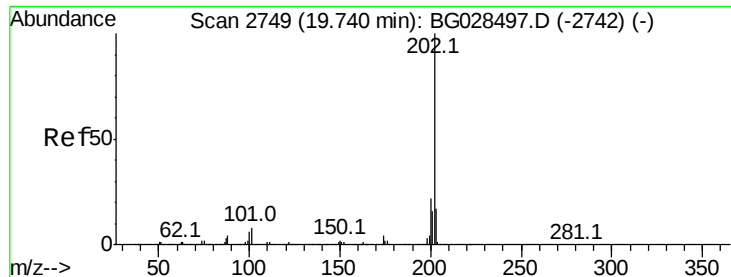


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 12.146 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

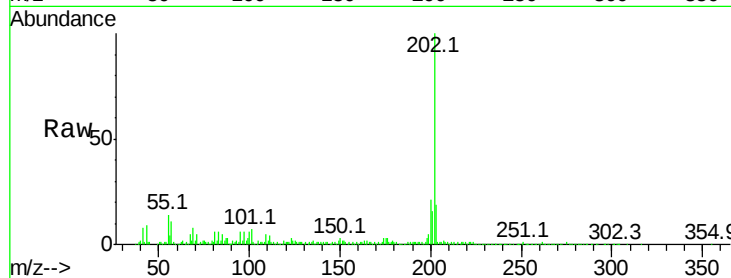
Tot Ion:202 Resp: 183430

Ion Ratio Lower Upper

202 100

101 7.4 6.2 9.2

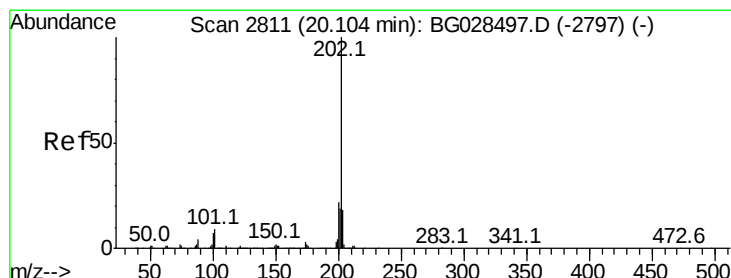
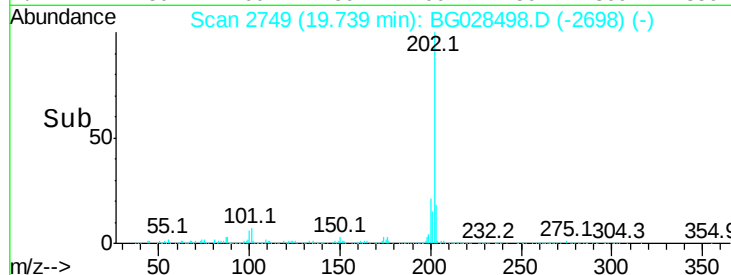
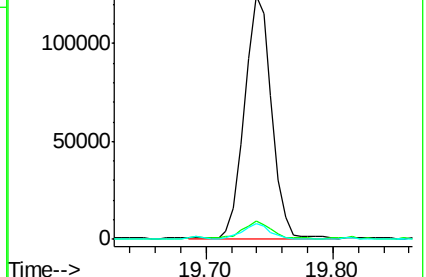
100 6.4 5.2 7.8



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: 9.439 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

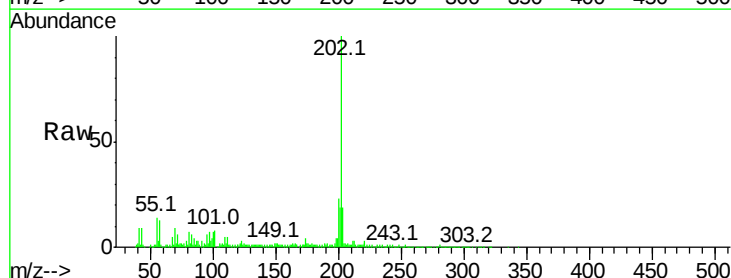
Tgt Ion:202 Resp: 174606

Ion Ratio Lower Upper

202 100

101 8.0 6.9 10.3

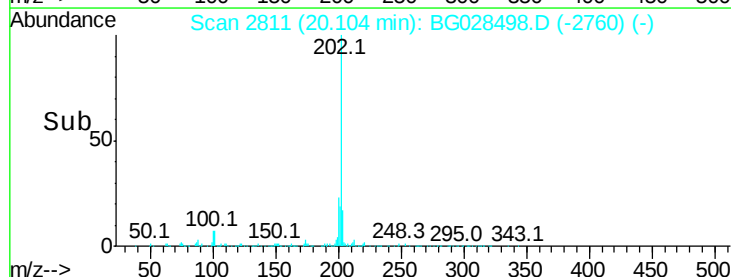
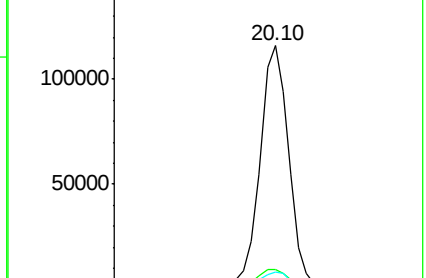
100 6.8 6.6 10.0

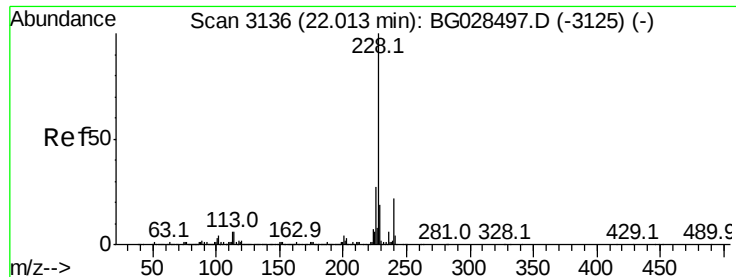


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.824 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

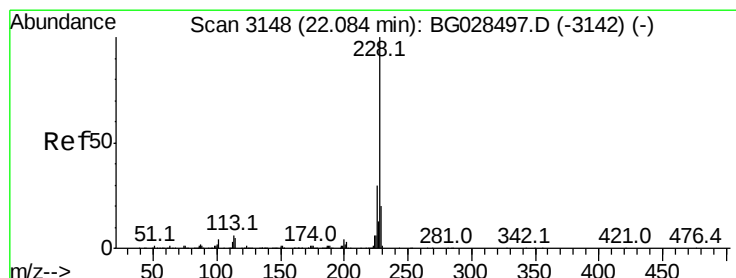
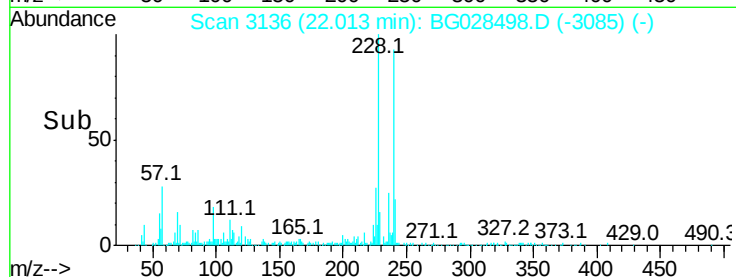
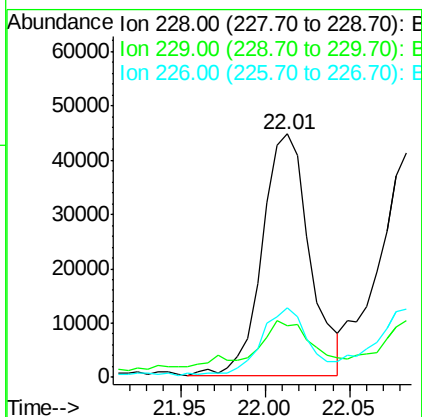
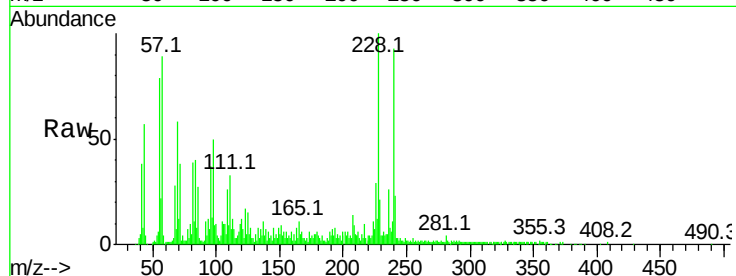
Tot Ion:228 Resp: 86411

Ion Ratio Lower Upper

228 100

229 21.1 16.3 24.5

226 28.7 21.9 32.9



#82

Chrysene

Concen: 5.175 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

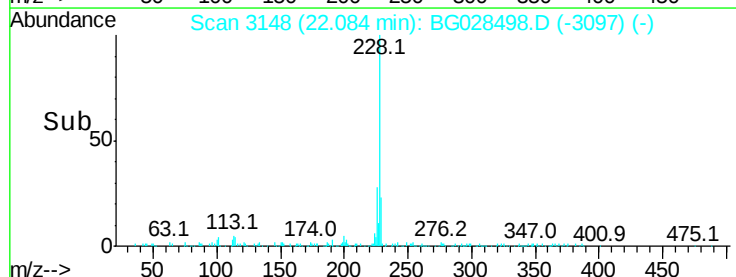
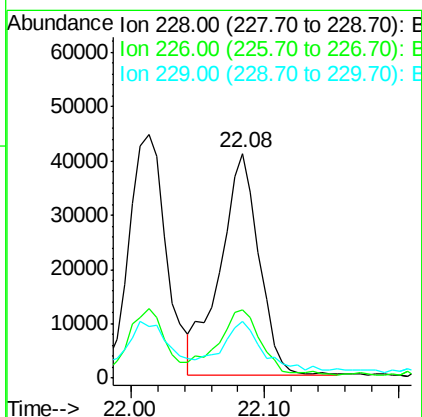
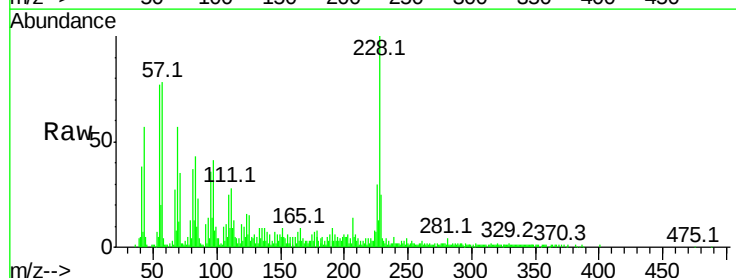
Tgt Ion:228 Resp: 83499

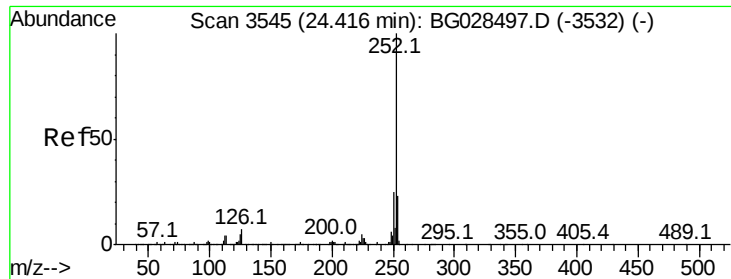
Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 25.1 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 5.419 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.01 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

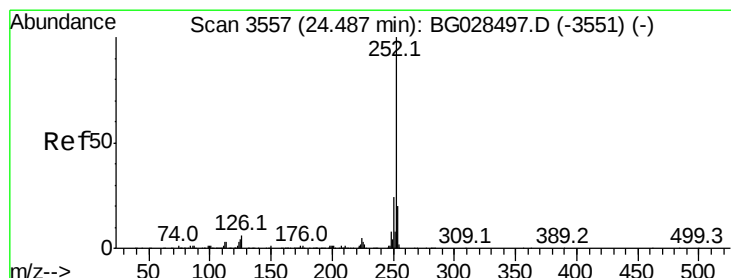
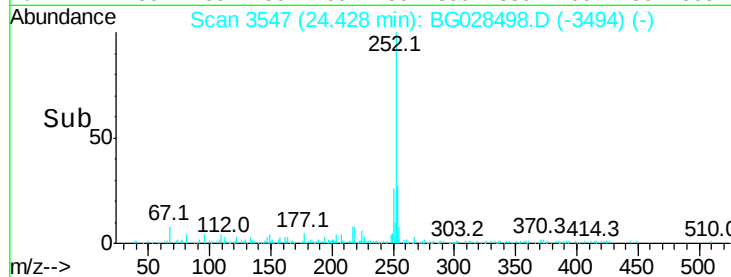
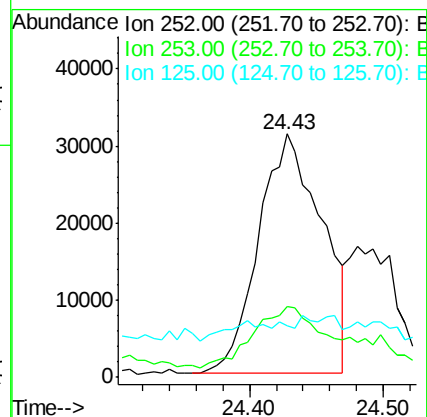
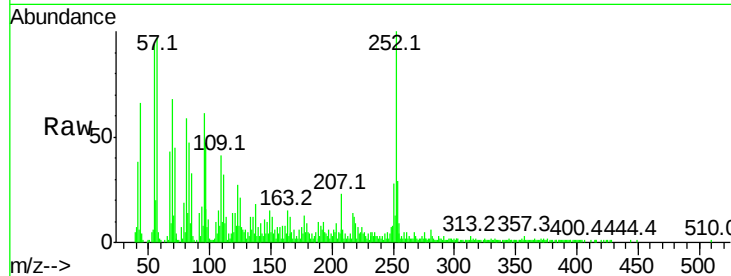
Tot Ion:252 Resp: 102465

Ion Ratio Lower Upper

252 100

253 29.2 17.7 26.5#

125 21.4 4.0 6.0#



#86

Benzo(k)fluoranthene

Concen: 5.548 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. -0.06 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

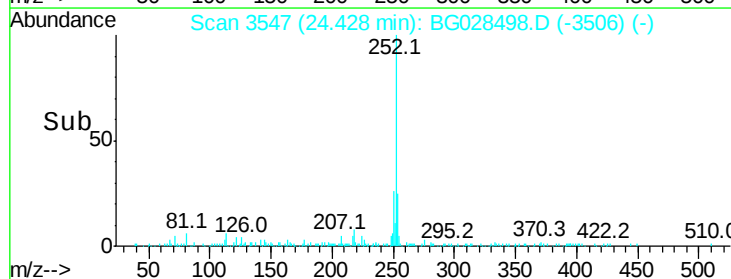
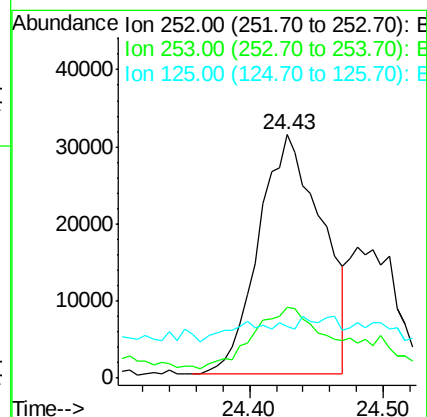
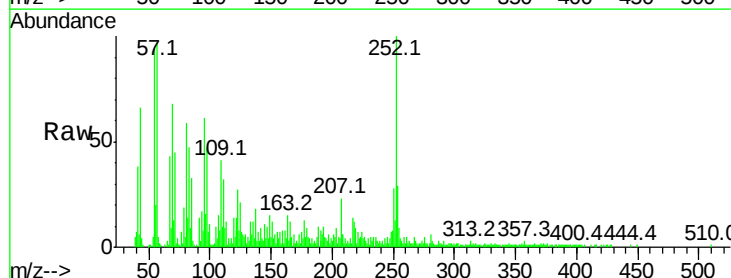
Tgt Ion:252 Resp: 102465

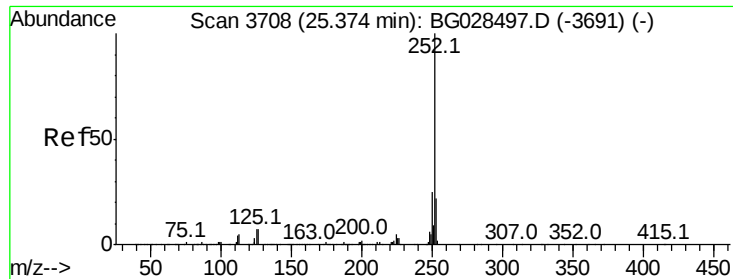
Ion Ratio Lower Upper

252 100

253 29.2 18.5 27.7#

125 21.4 4.1 6.1#





#88

Benzo(a)pyrene

Concen: 4.367 ng/ul

RT: 25.39 min Scan# 3710

Delta R.T. 0.01 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

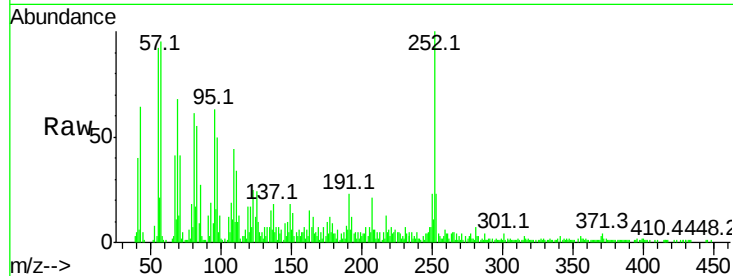
Tot Ion:252 Resp: 79952

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

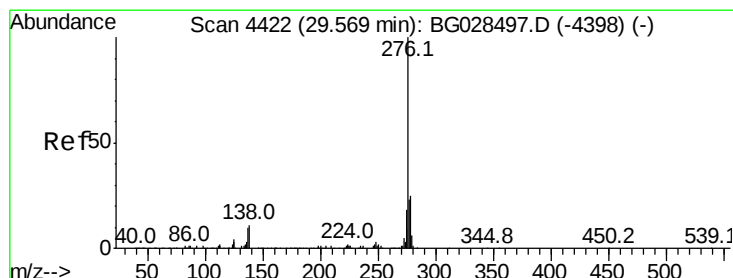
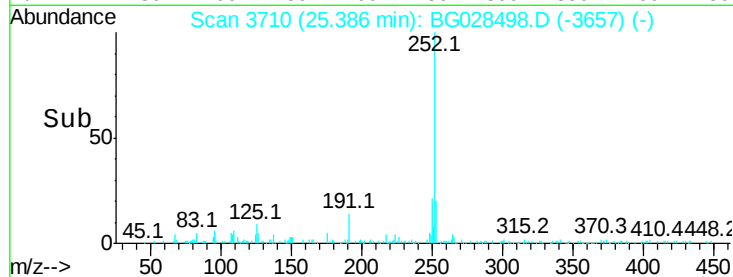
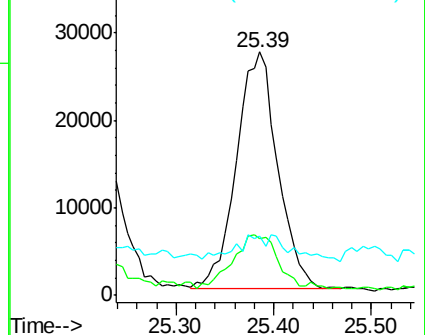
125 24.2 5.4 8.0#



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: 2.304 ng/ul

RT: 29.59 min Scan# 4425

Delta R.T. 0.02 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

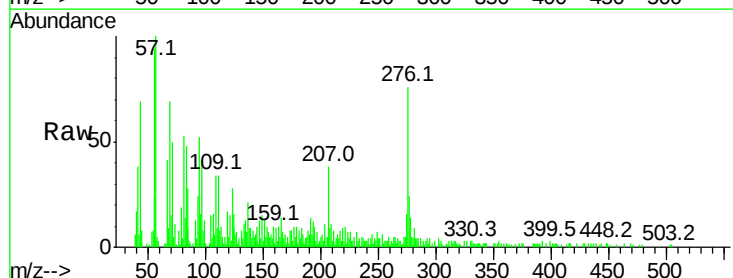
Tgt Ion:276 Resp: 49398

Ion Ratio Lower Upper

276 100

138 11.7 8.2 12.4

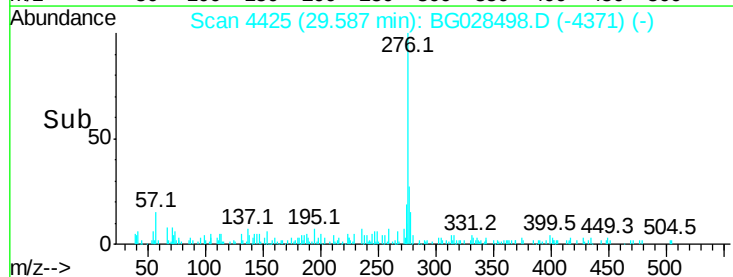
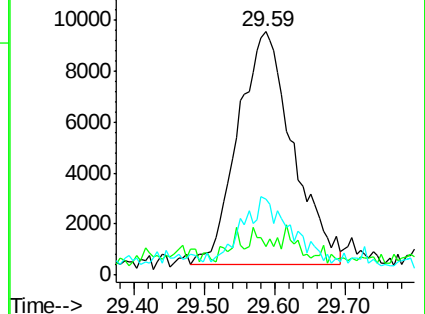
277 31.3 18.6 28.0#

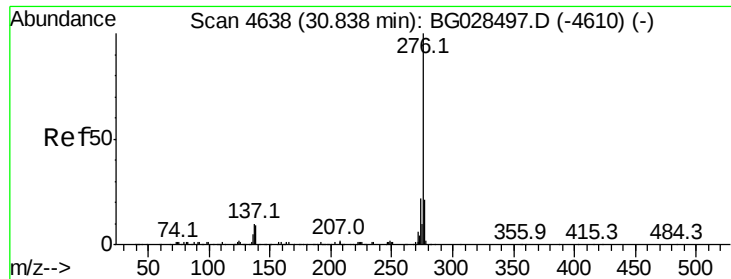


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.117 ng/ul

RT: 30.87 min Scan# 4643

Delta R.T. 0.03 min

Lab File: BG028498.D

Acq: 25 Aug 2017 19:42

Instrument :

BNA_G

ClientSampleId :

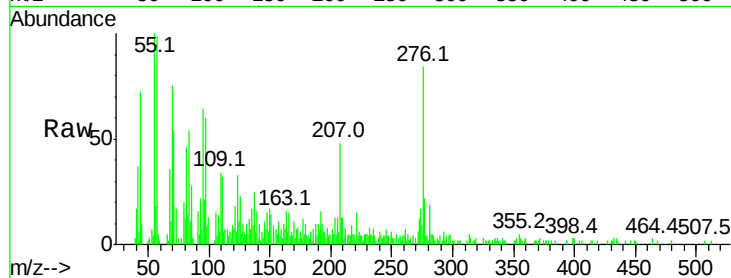
Tot Ion:276 Resp: 19693

Ion Ratio Lower Upper

276 100

138 7.6 8.6 12.8#

277 26.1 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

