

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028499.D
 Acq On : 25 Aug 2017 20:22
 Operator : SJ/JU
 Sample : I4885-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 01:56:01 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

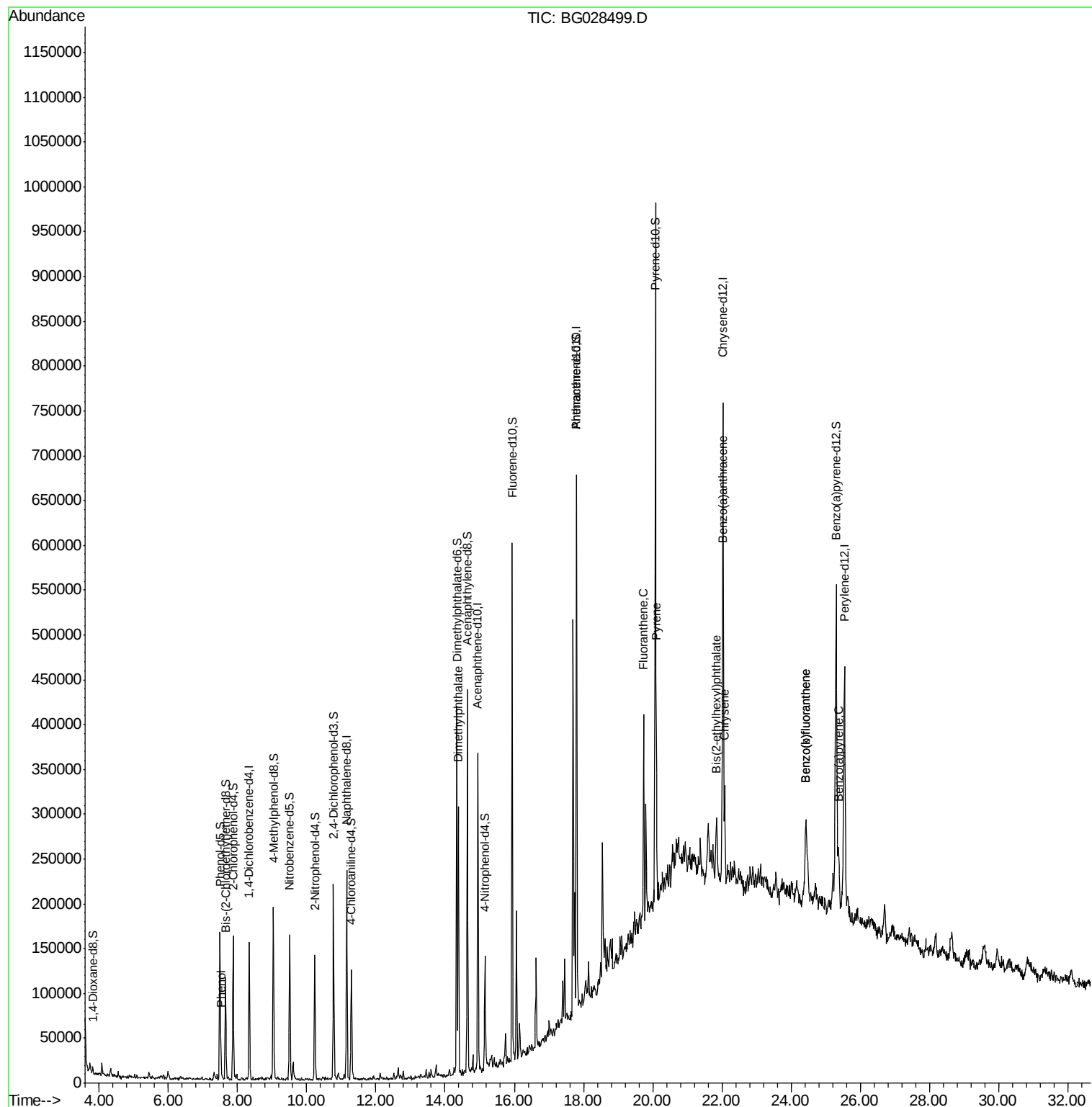
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	125734	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	378000	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	343576	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	342376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3810	4.06	ng/uL	0.00
5) Phenol-d5	7.49	99	95028	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	57899	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	69822	23.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	75009	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	37491	25.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	44111	27.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	83346	25.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	69323	19.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	281529	25.17	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	318821	25.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36650	20.61	ng/ul	0.00
57) Fluorene-d10	15.94	176	240437	23.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	67	0.03	ng/ul	0.09
70) Anthracene-d10	17.80	188	378000	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	446691	25.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	440800	27.50	ng/ul	0.00
Target Compounds						
6) Phenol	7.53	94	7872	1.650	ng/ul#	88
44) Dimethylphthalate	14.38	163	171991	16.703	ng/ul	99
74) Fluoranthene	19.74	202	159692	6.907	ng/ul	97
77) Pyrene	20.11	202	145674	7.107	ng/ul	96
80) Benzo(a)anthracene	22.01	228	86426	4.354	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.85	149	59408	5.440	ng/ul#	95
82) Chrysene	22.08	228	79655	4.455	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	135792	6.628	ng/ul#	95
86) Benzo(k)fluoranthene	24.42	252	135792	6.785	ng/ul#	96
88) Benzo(a)pyrene	25.37	252	75937	3.828	ng/ul#	94

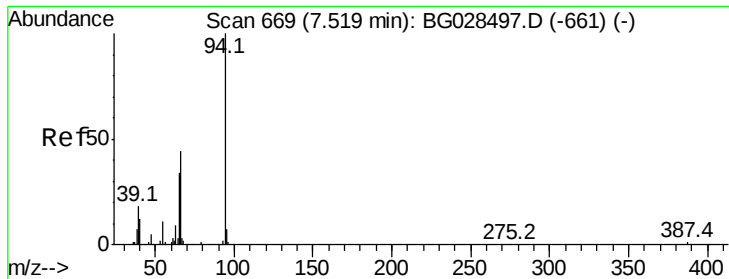
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.650 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

ClientSampled :

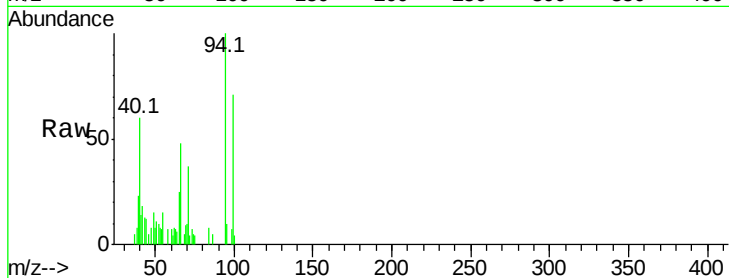
Tot Ion: 94 Resp: 7872

Ion Ratio Lower Upper

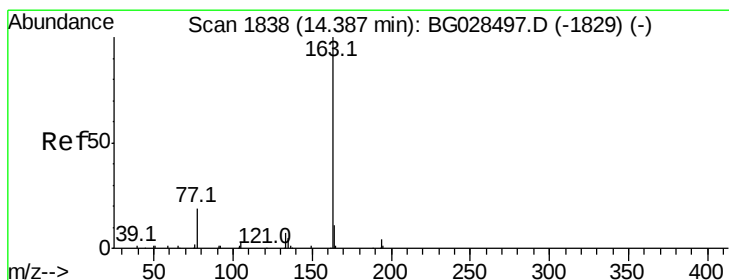
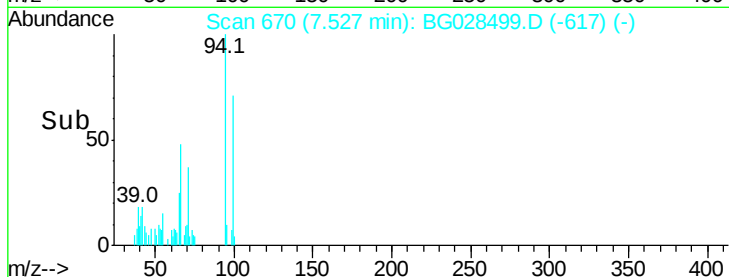
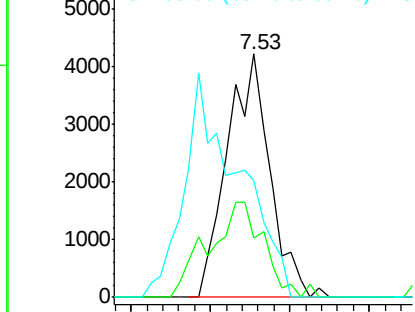
94 100

65 24.6 26.8 40.2#

66 47.9 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: 16.703 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

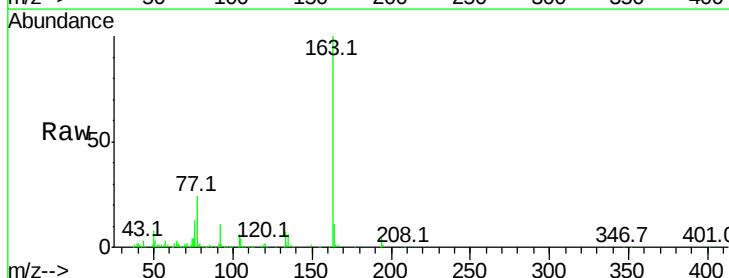
Tgt Ion:163 Resp: 171991

Ion Ratio Lower Upper

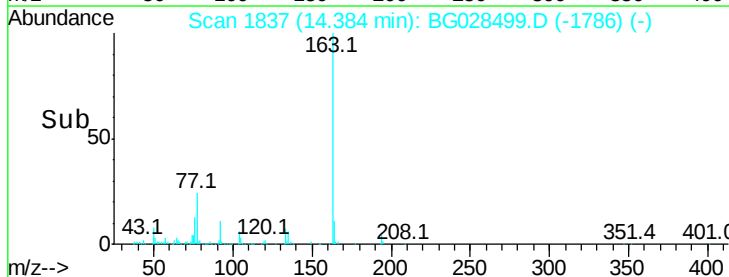
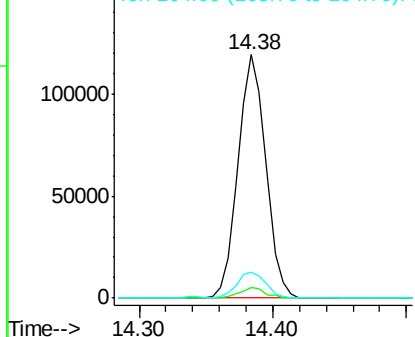
163 100

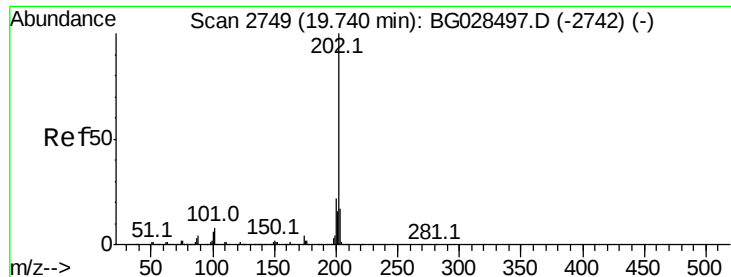
194 4.2 3.4 5.0

164 10.6 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC





#74

Fluoranthene

Concen: 6.907 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

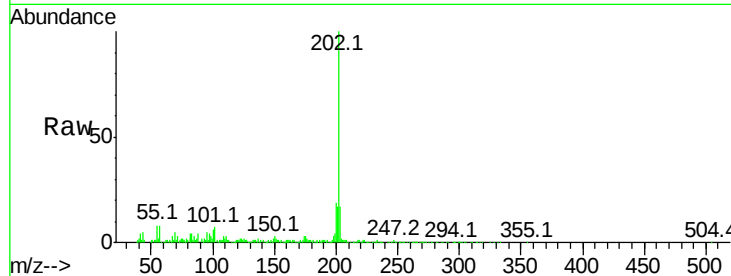
Tot Ion:202 Resp: 159692

Ion Ratio Lower Upper

202 100

101 6.7 6.2 9.2

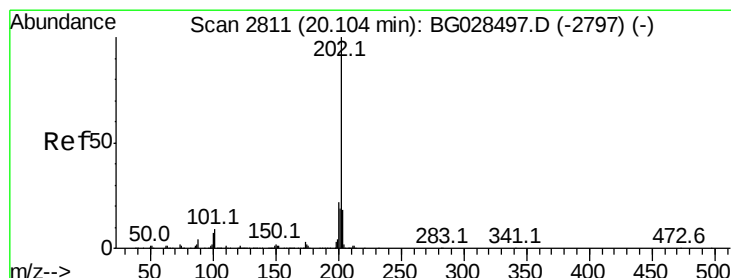
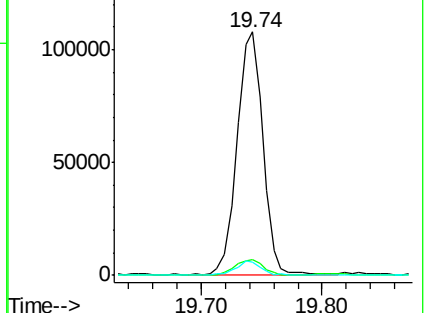
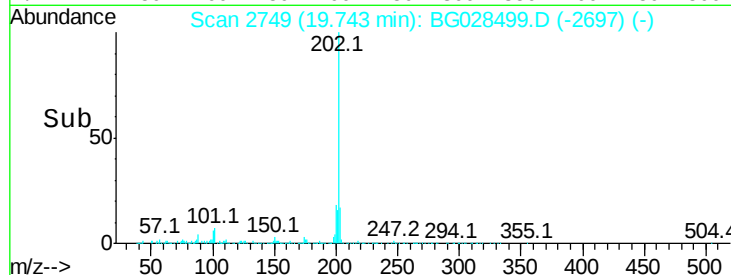
100 5.6 5.2 7.8



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: 7.107 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

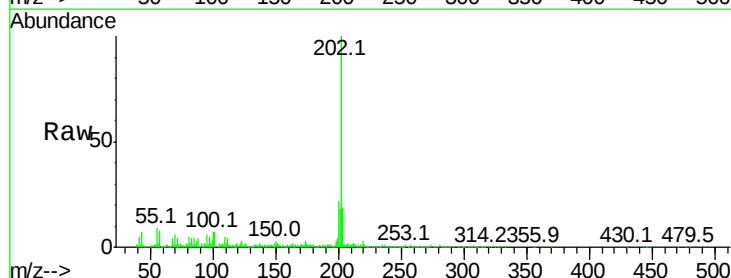
Tgt Ion:202 Resp: 145674

Ion Ratio Lower Upper

202 100

101 7.5 6.9 10.3

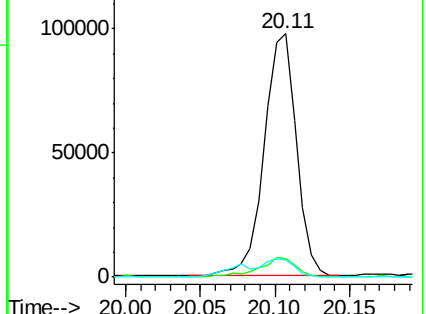
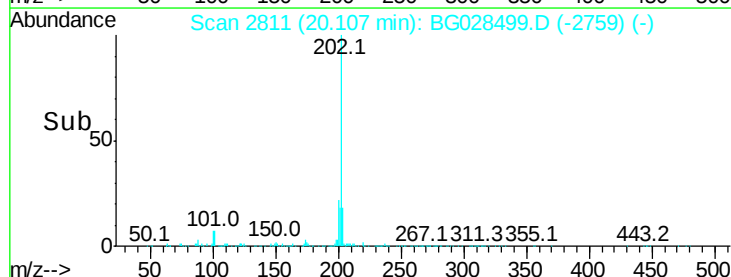
100 6.8 6.6 10.0

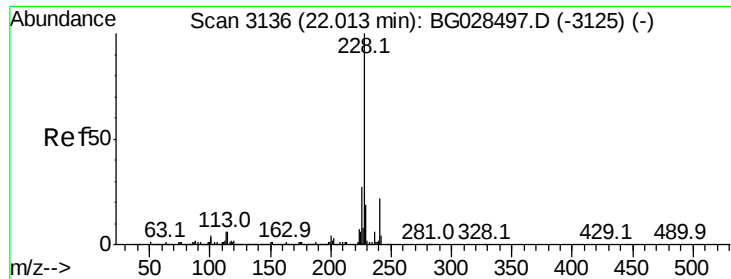


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.354 ng/ul

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

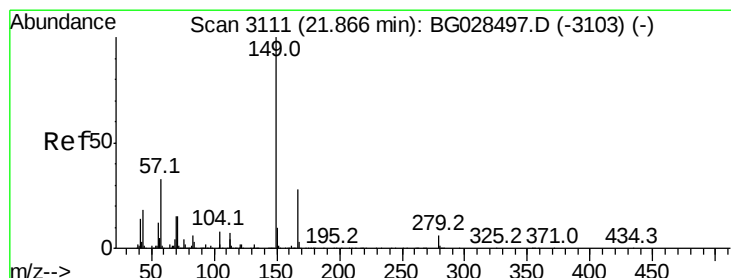
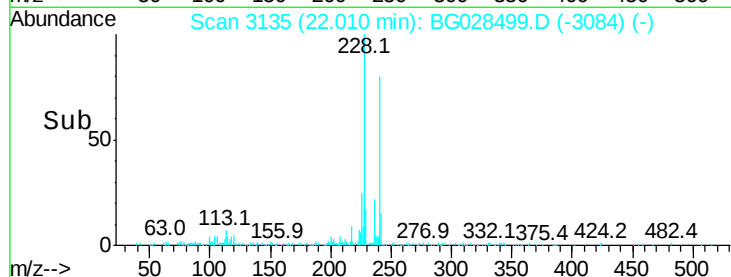
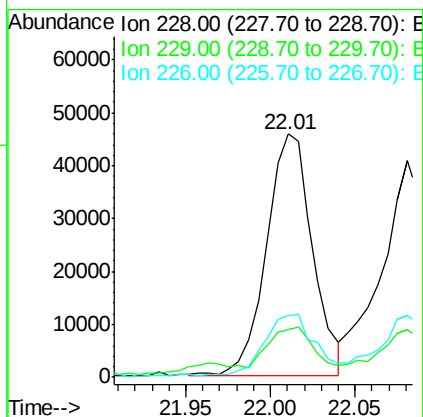
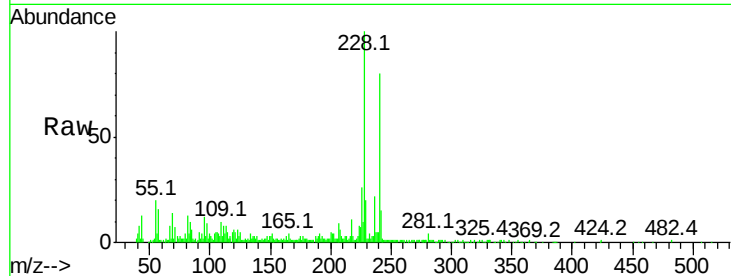
Tot Ion:228 Resp: 86426

Ion Ratio Lower Upper

228 100

229 19.8 16.3 24.5

226 25.6 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 5.440 ng/ul

RT: 21.85 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

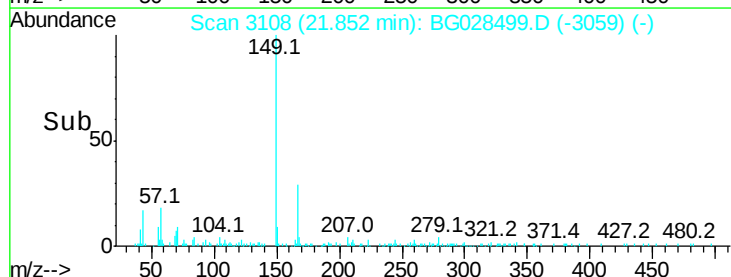
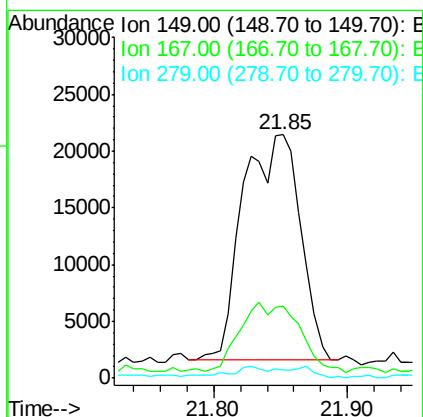
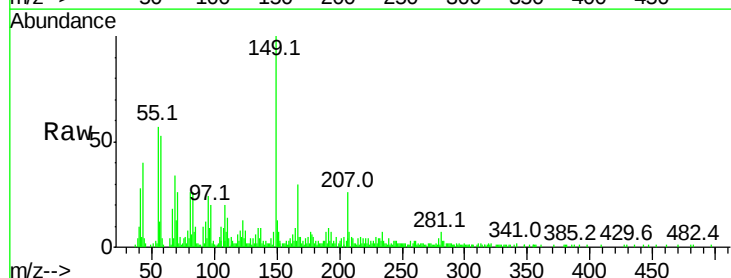
Tgt Ion:149 Resp: 59408

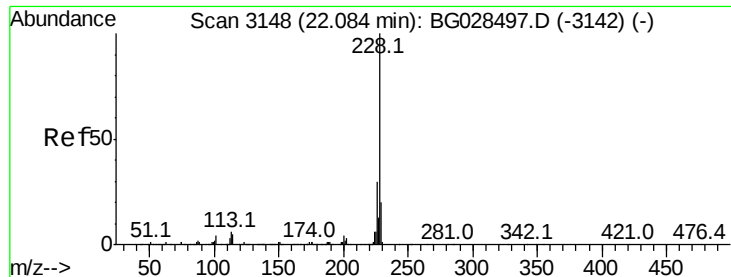
Ion Ratio Lower Upper

149 100

167 29.8 21.8 32.8

279 3.5 4.5 6.7#





#82

Chrysene

Concen: 4.455 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

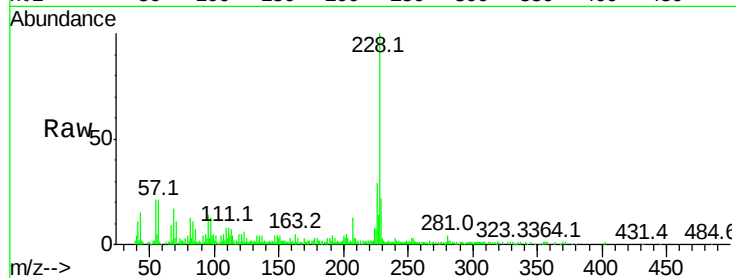
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 79655

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	21.9	16.9	25.3

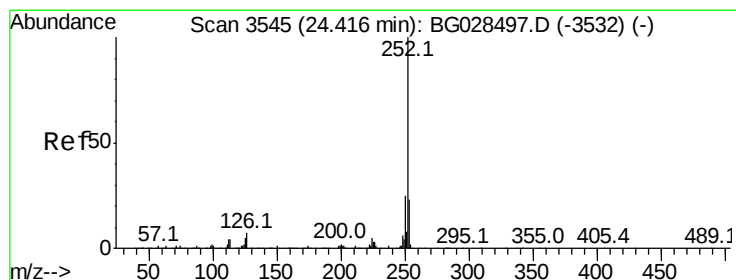
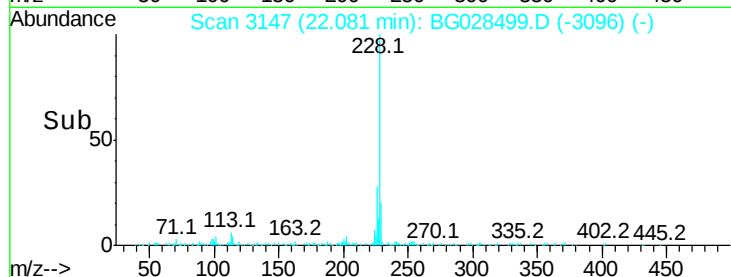
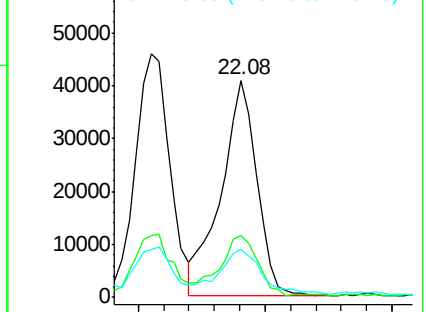


Abundance

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: 6.628 ng/ul

RT: 24.42 min Scan# 3545

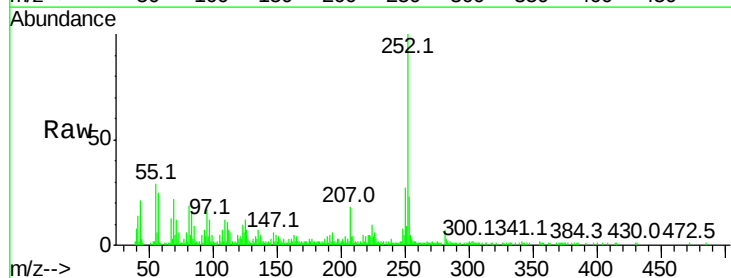
Delta R.T. 0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Tgt Ion:252 Resp: 135792

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.8	4.0	6.0

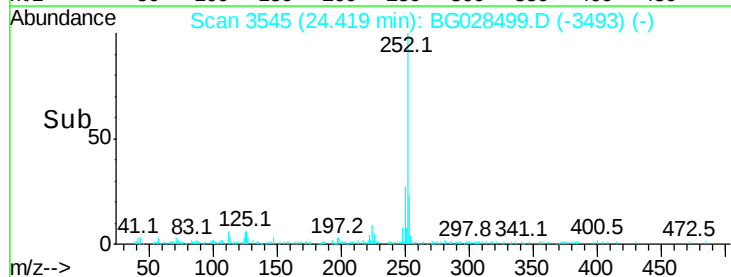
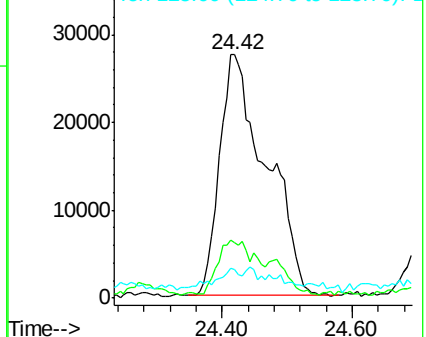


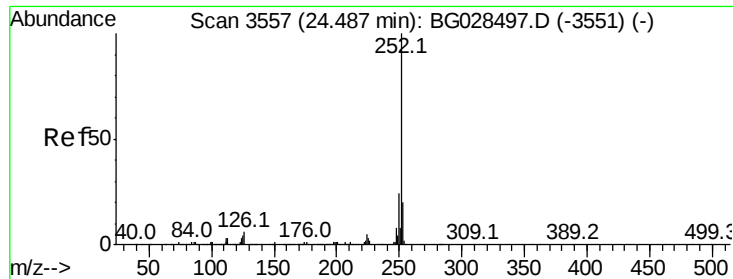
Abundance

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: 6.785 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. -0.07 min

Lab File: BG028499.D

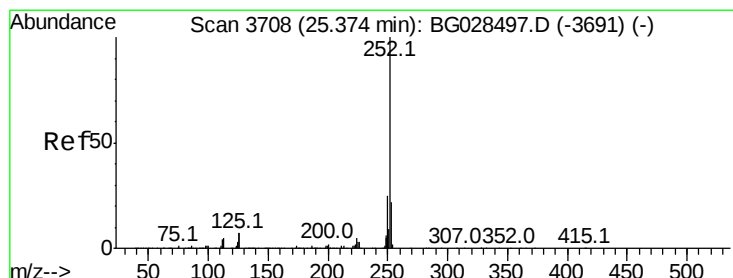
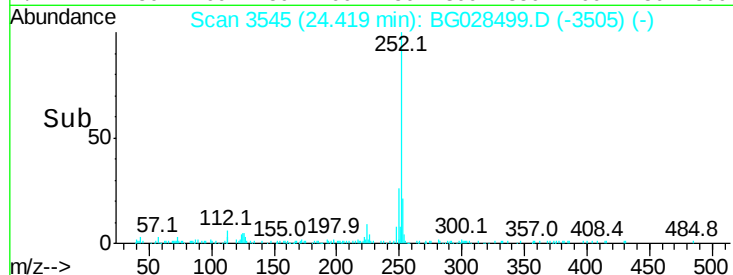
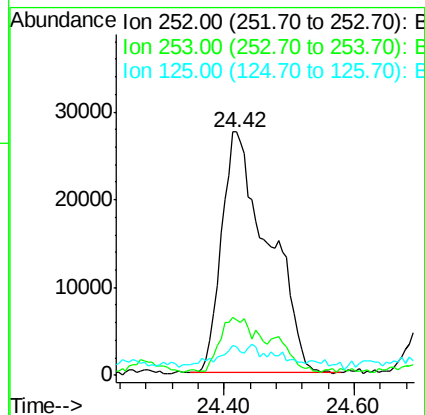
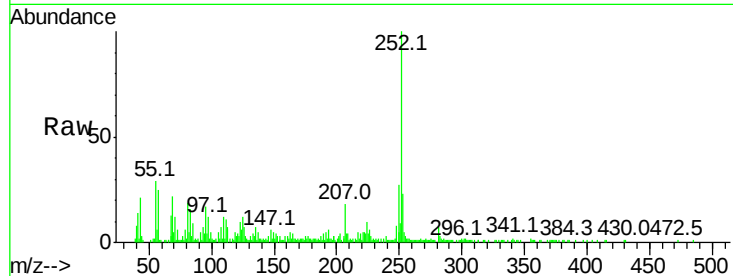
Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	135792
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.5 27.7
125	11.8	4.1 6.1#



#88

Benzo(a)pyrene

Concen: 3.828 ng/ul

RT: 25.37 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Tgt Ion:252	Resp:	75937
Ion Ratio	Lower	Upper
252	100	
253	20.5	17.8 26.6
125	11.8	5.4 8.0#

