

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021497.D
 Acq On : 24 Mar 2016 23:02
 Operator : UM/SJ
 Sample : H1909-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T49

Quant Time: Mar 25 01:51:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

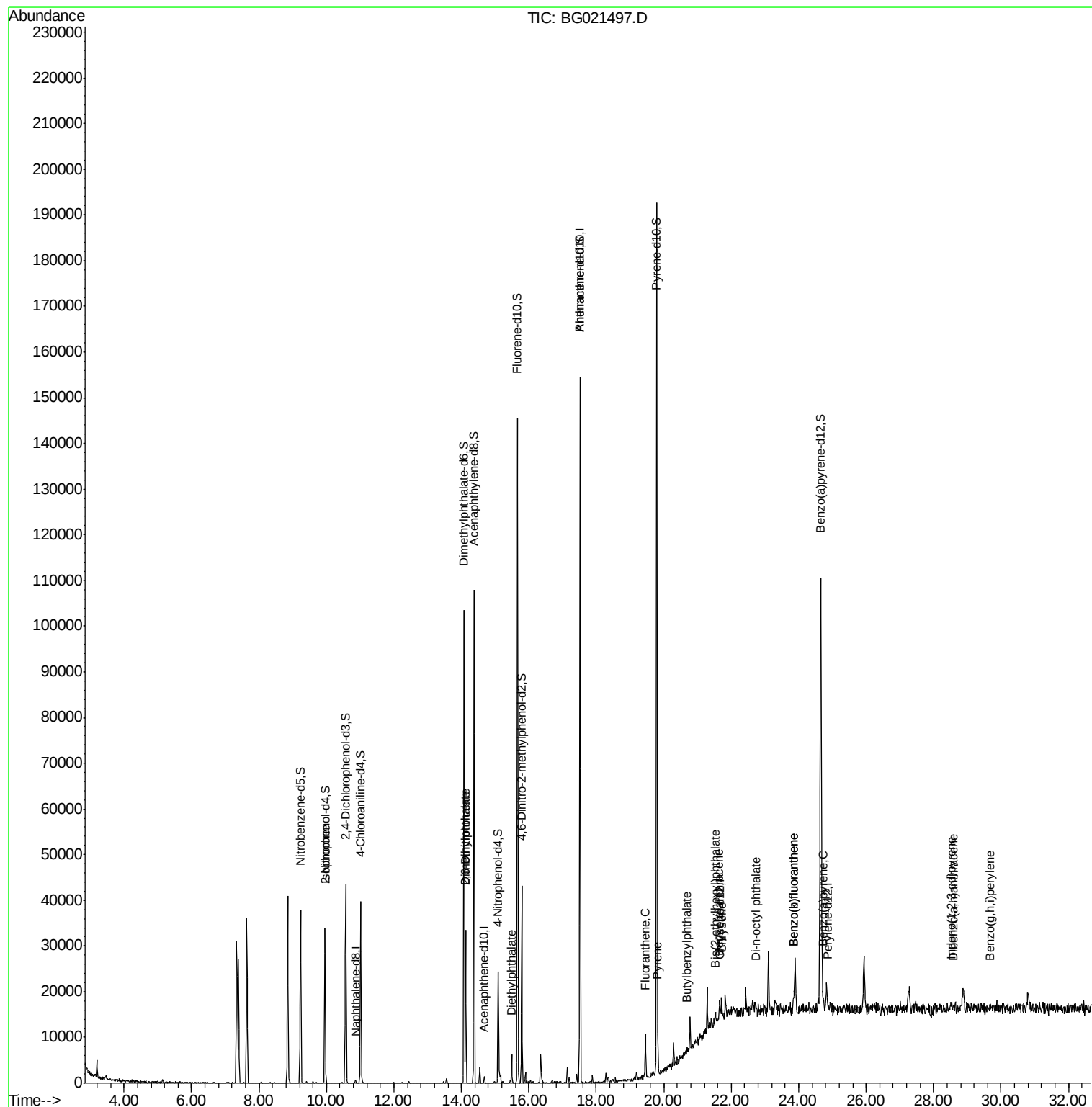
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-8.06
18) Naphthalene-d8	10.86	136	968	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	703	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.51	188	88123	20.00	ng/ul	0.10
78) Chrysene-d12	21.67	240	1800	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	761	0.00	ng/uL	0.00
5) Phenol-d5	7.34	99	20243	0.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	13144	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15938	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	15672	0.00	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	8678	1194.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	9632	1160.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	16589	1117.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	22182	1143.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	64455	1101.12	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	79360	1099.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	6113	653.35	ng/ul	0.02
58) Fluorene-d10	15.66	176	57589	1091.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	9153	15.72	ng/ul	0.00
71) Anthracene-d10	17.51	188	88123	20.41	ng/ul	0.00
79) Pyrene-d10	19.79	212	100950	1202.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	102897	2545.04	ng/ul	0.00
Target Compounds						
21) Isophorone	9.95	82	845	21.37	ng/ul#	69
45) Dimethylphthalate	14.12	163	20746	341.09	ng/ul	99
46) 2,6-Dinitrotoluene	14.12	165	129	10.39	ng/ul#	19
57) Diethylphthalate	15.48	149	693	10.66	ng/ul#	59
77) Fluoranthene	19.46	202	6564	1.09	ng/ul#	93
80) Pyrene	19.82	202	6398	59.66	ng/ul#	95
81) Butylbenzylphthalate	20.69	149	127	2.80	ng/ul#	18
83) Benzo(a)anthracene	21.65	228	2981	27.43	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.53	149	1191	17.98	ng/ul#	78
85) Chrysene	21.71	228	3261	31.69	ng/ul#	91
87) Di-n-octyl phthalate	22.74	149	523	8.79	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	5032	89.43	ng/ul	96
89) Benzo(k)fluoranthene	23.86	252	5032	91.04	ng/ul	97
91) Benzo(a)pyrene	24.73	252	4095	74.97	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	28.54	276	1443	23.24	ng/ul#	54
93) Dibenzo(a,h)anthracene	28.59	278	61	1.16	ng/ul#	55
94) Benzo(g,h,i)perylene	29.66	276	1345	26.35	ng/ul#	55

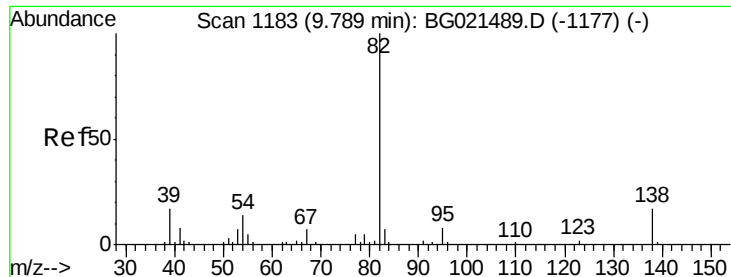
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 01:20:42 2016
Response via : Initial Calibration





#21

Isophorone

Concen: 21.37 ng/ul

RT: 9.95 min Scan# 1211

Delta R.T. 0.16 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

Instrument :

BNA_G

ClientSampleId :

A4T49

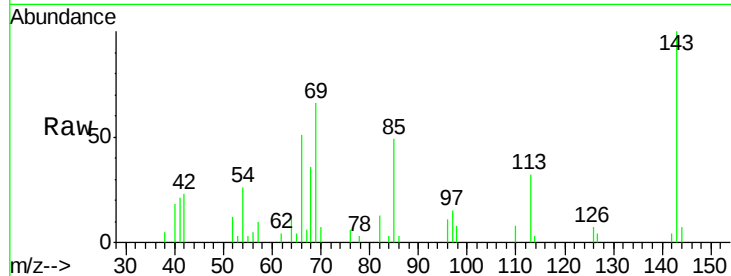
Tot Ion: 82 Resp: 845

Ion Ratio Lower Upper

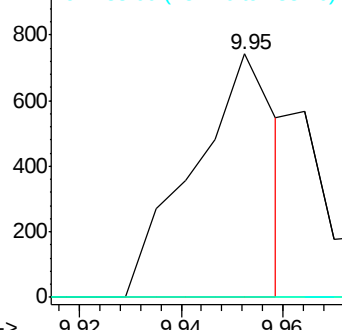
82 100

95 0.0 5.8 8.8#

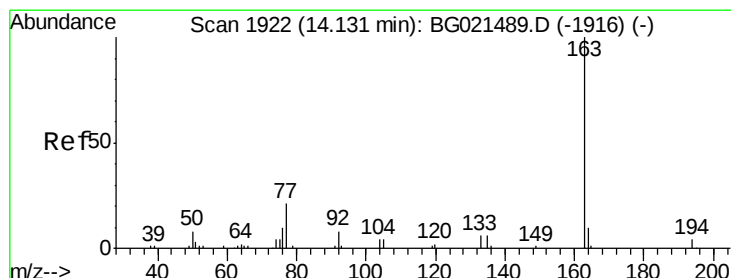
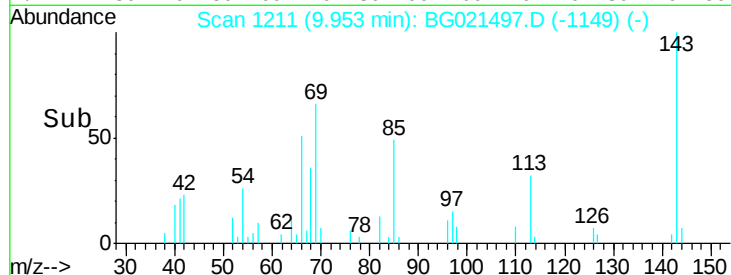
138 0.0 12.2 18.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#45

Dimethylphthalate

Concen: 341.09 ng/ul

RT: 14.12 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

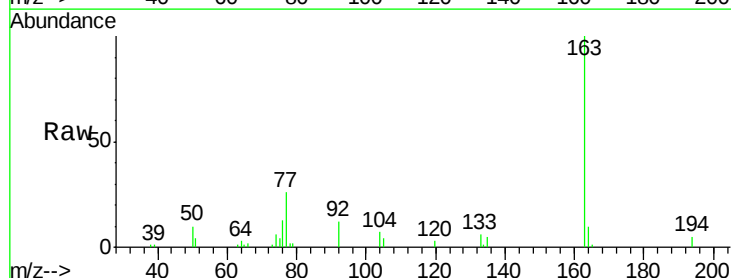
Tgt Ion: 163 Resp: 20746

Ion Ratio Lower Upper

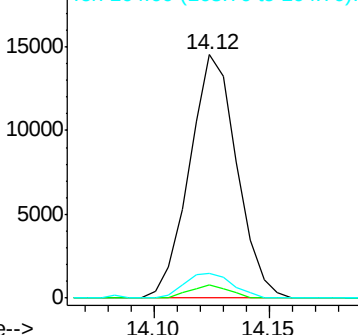
163 100

194 5.2 3.9 5.9

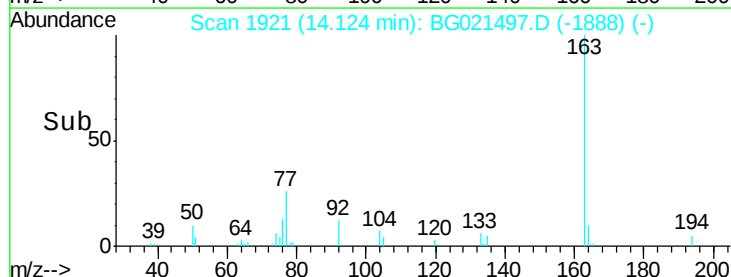
164 10.2 8.7 13.1

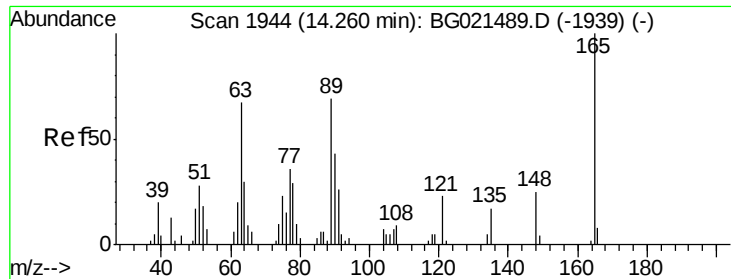


Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC



Time-->





#46

2,6-Dinitrotoluene

Concen: 10.39 ng/ul

RT: 14.12 min Scan# 1921

Delta R.T. -0.14 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

Instrument :

BNA_G

ClientSampled :

A4T49

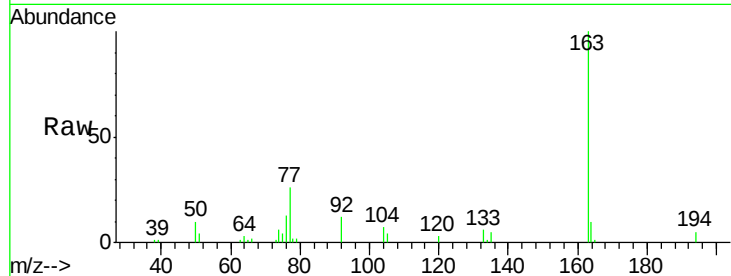
Tot Ion:165 Resp: 129

Ion Ratio Lower Upper

165 100

89 0.0 64.6 96.8#

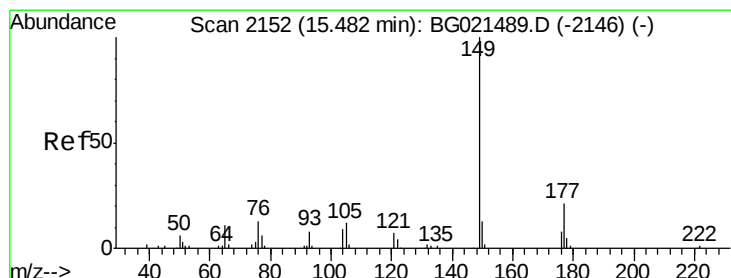
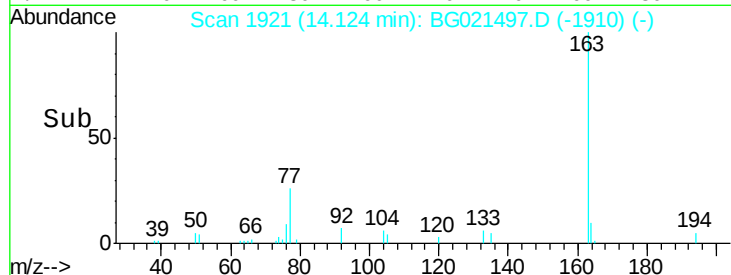
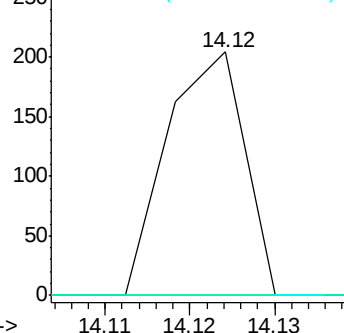
121 0.0 20.4 30.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E



#57

Diethylphthalate

Concen: 10.66 ng/ul

RT: 15.48 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

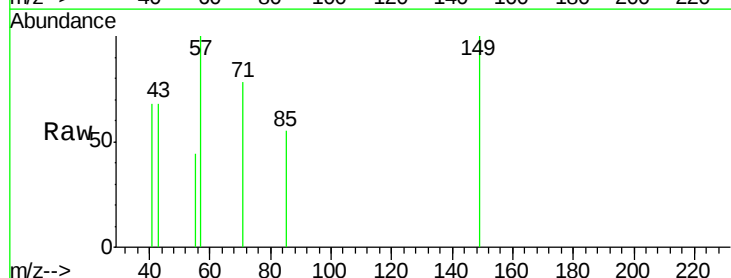
Tgt Ion:149 Resp: 693

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

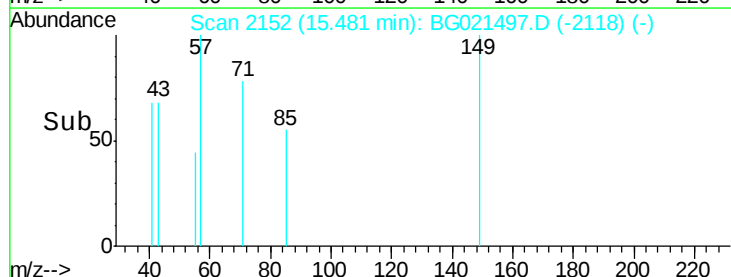
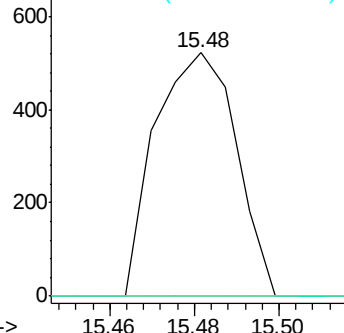
150 0.0 10.2 15.2#

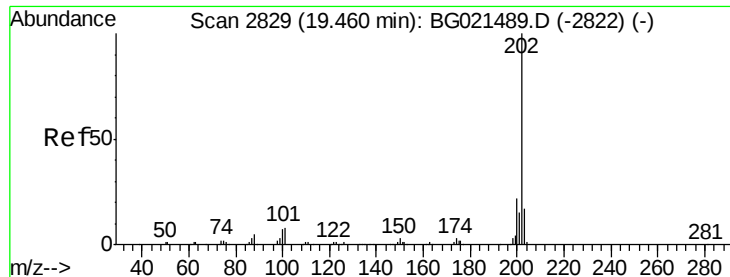


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

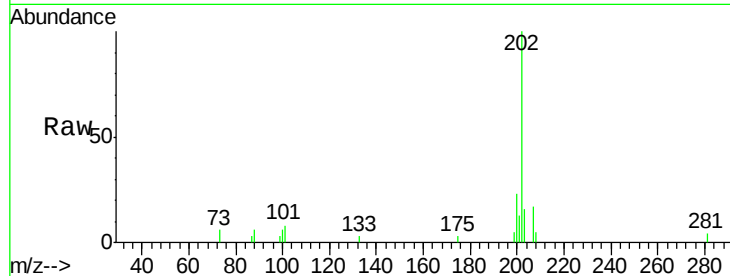




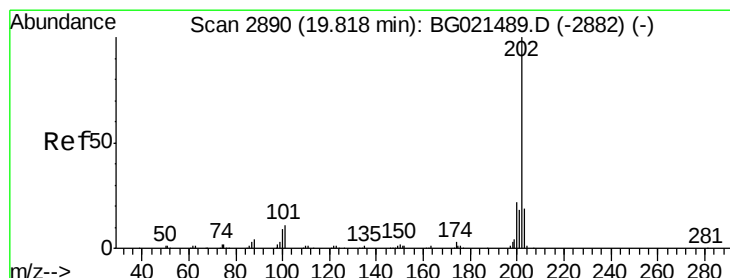
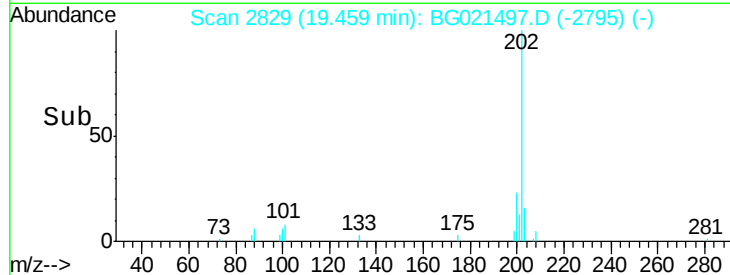
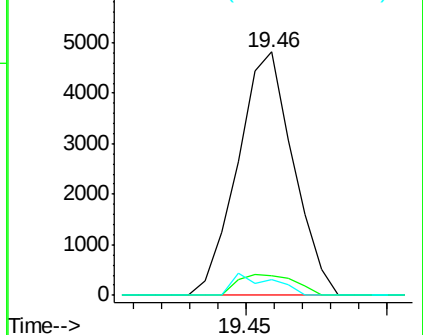
#77
Fluoranthene
 Concen: 1.09 ng/ul
 RT: 19.46 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BG021497.D
 Acq: 24 Mar 2016 23:02

Instrument :
 BNA_G
 ClientSampleId :
 A4T49

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	8.9	13.3#
100	6.4	7.0	10.4#

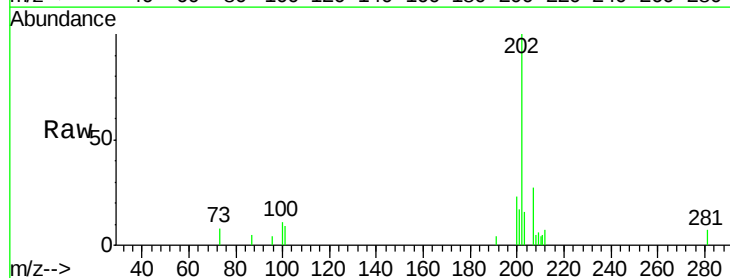


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

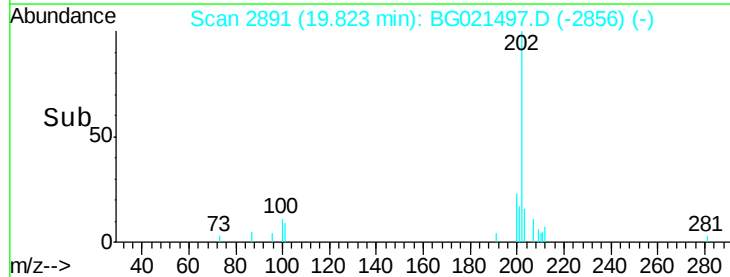
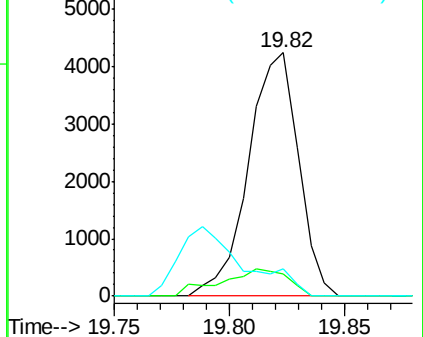


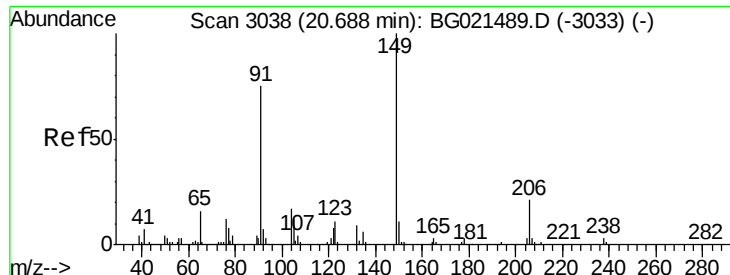
#80
Pyrene
 Concen: 59.66 ng/ul
 RT: 19.82 min Scan# 2891
 Delta R.T. 0.01 min
 Lab File: BG021497.D
 Acq: 24 Mar 2016 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	9.8	14.8#
100	11.4	9.3	13.9



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

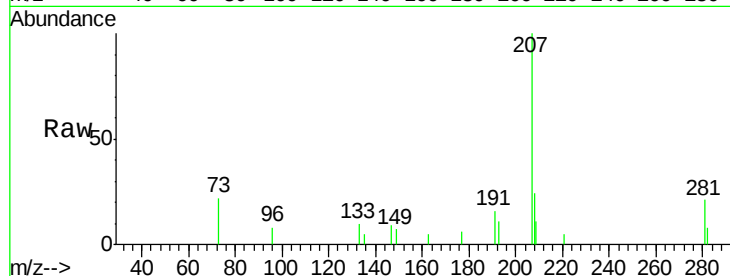




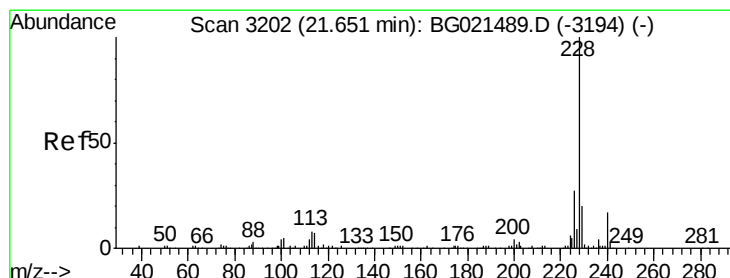
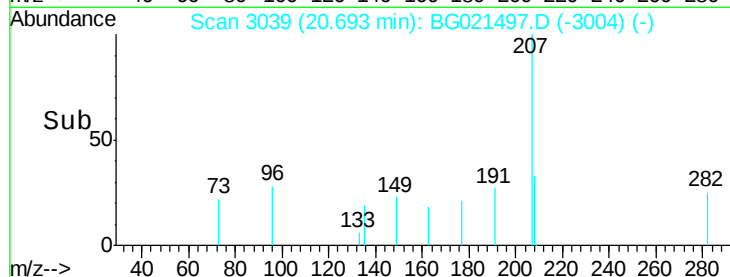
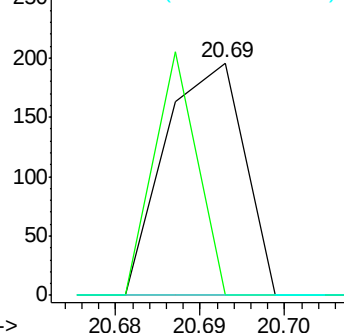
#81
Butylbenzylphthalate
Concen: 2.80 ng/ul
RT: 20.69 min Scan# 3039
Delta R.T. 0.01 min
Lab File: BG021497.D
Acq: 24 Mar 2016 23:02

Instrument :
BNA_G
ClientSampled :
A4T49

Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	65.8	98.8#
206	0.0	15.5	23.3#

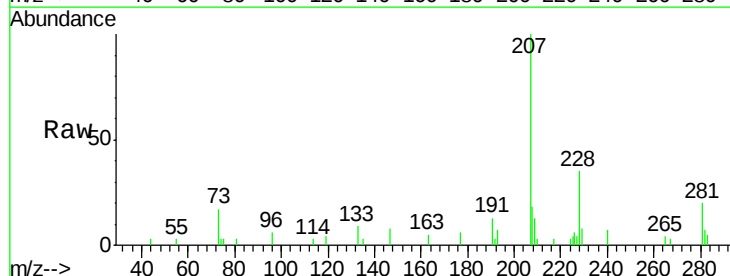


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

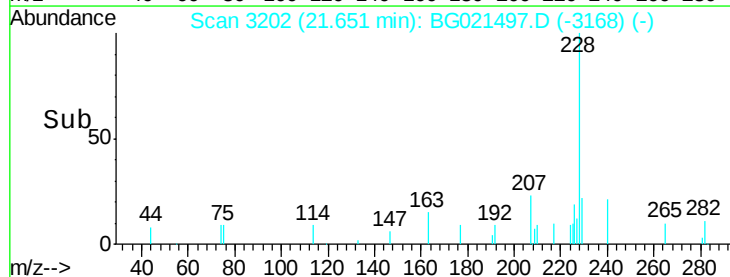
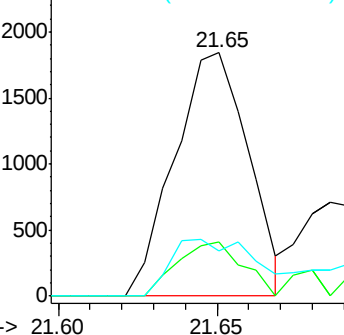


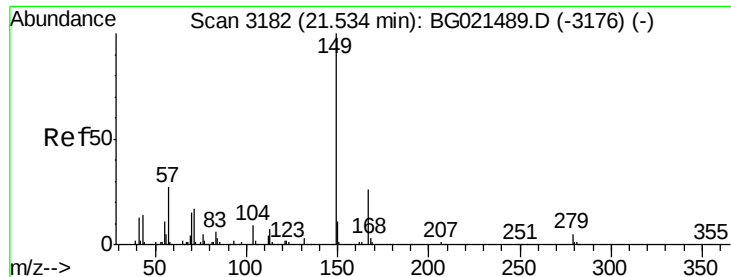
#83
Benzo(a)anthracene
Concen: 27.43 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG021497.D
Acq: 24 Mar 2016 23:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.6	25.0
226	18.6	21.0	31.4#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.98 ng/ul

RT: 21.53 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

Instrument :

BNA_G

ClientSampleId :

A4T49

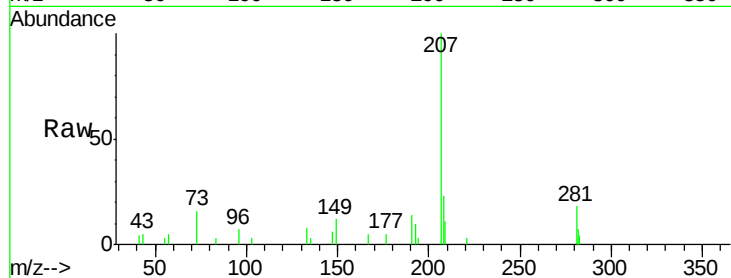
Tot Ion:149 Resp: 1191

Ion Ratio Lower Upper

149 100

167 37.3 20.5 30.7#

279 0.0 3.7 5.5#



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

21.53

600

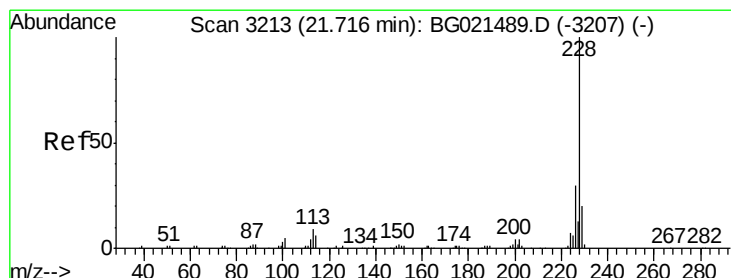
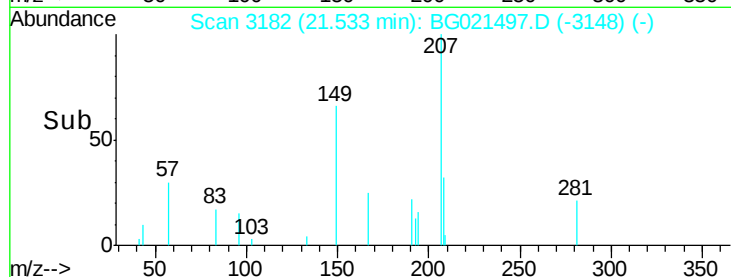
400

200

0

21.50 21.55

Time-->



#85

Chrysene

Concen: 31.69 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

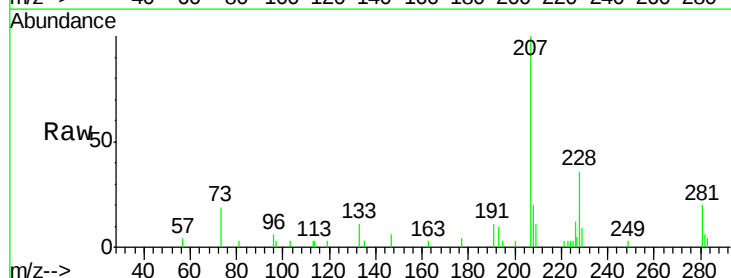
Tgt Ion:228 Resp: 3261

Ion Ratio Lower Upper

228 100

226 33.3 23.4 35.2

229 25.1 16.2 24.2#



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

21.71

2500

2000

1500

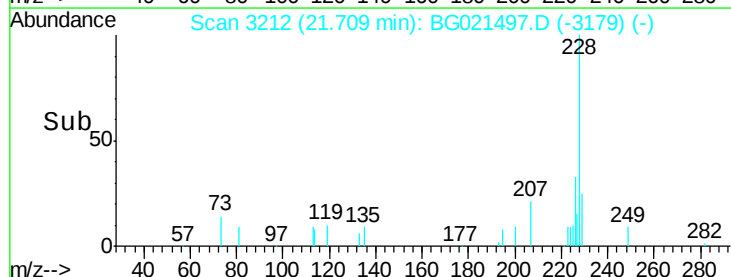
1000

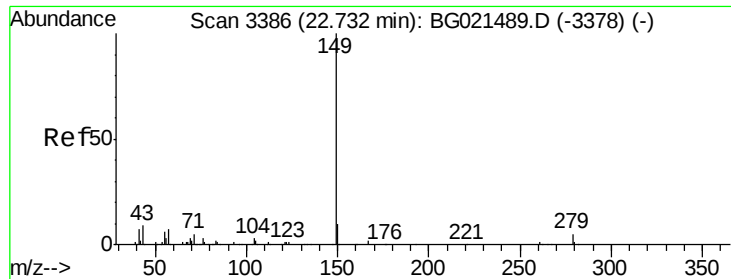
500

0

21.70 21.75

Time-->

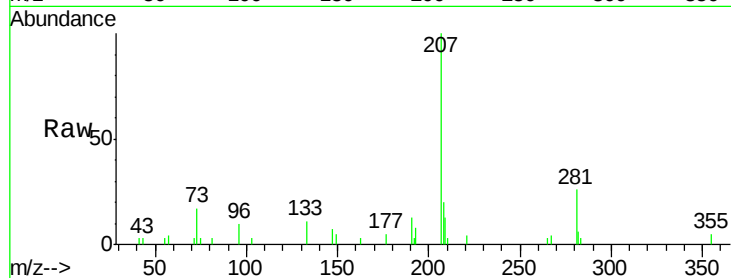




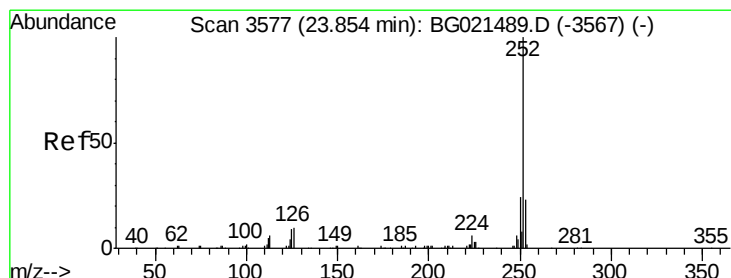
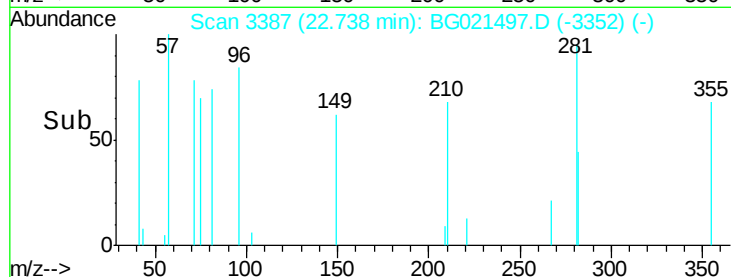
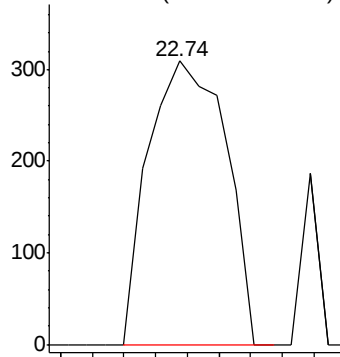
#87
Di-n-octyl phthalate
Concen: 8.79 ng/ul
RT: 22.74 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BG021497.D
Acq: 24 Mar 2016 23:02

Instrument :
BNA_G
ClientSampleId :
A4T49

Tgt Ion:149 Resp: 523

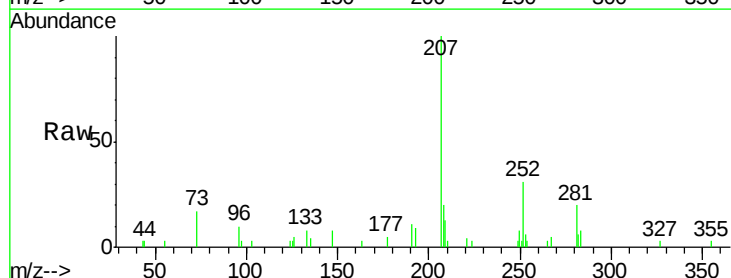


Abundance Ion 149.00 (148.70 to 149.70): E



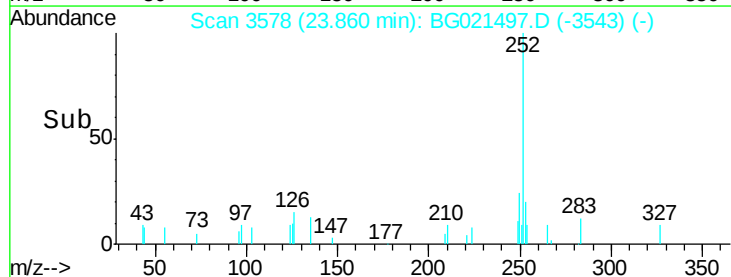
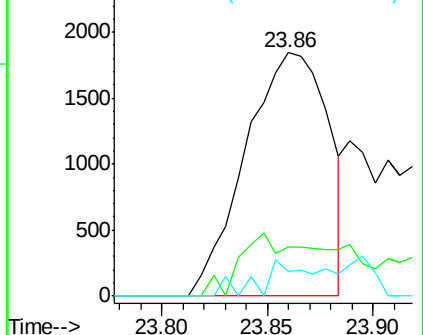
#88
Benzo(b)fluoranthene
Concen: 89.43 ng/ul
RT: 23.86 min Scan# 3578
Delta R.T. 0.01 min
Lab File: BG021497.D
Acq: 24 Mar 2016 23:02

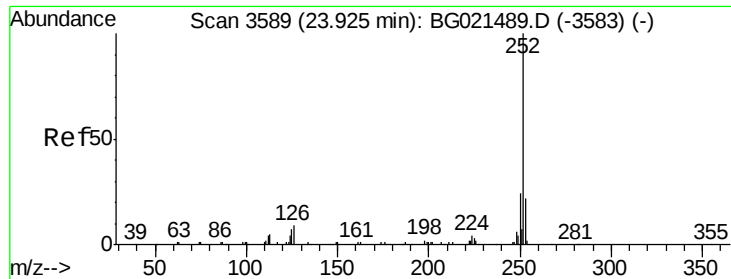
Tgt Ion:252 Resp: 5032
Ion Ratio Lower Upper
252 100
253 20.2 18.1 27.1
125 10.1 7.6 11.4



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

Benzo(k)fluoranthene

Concen: 91.04 ng/ul

RT: 23.86 min Scan# 3578

Delta R.T. -0.07 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

Instrument :

BNA_G

ClientSampled :

A4T49

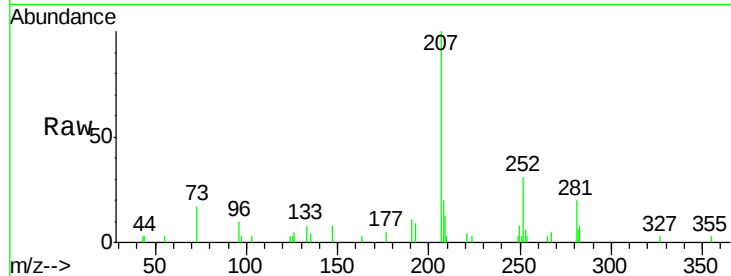
Tot Ion:252 Resp: 5032

Ion Ratio Lower Upper

252 100

253 20.2 17.8 26.8

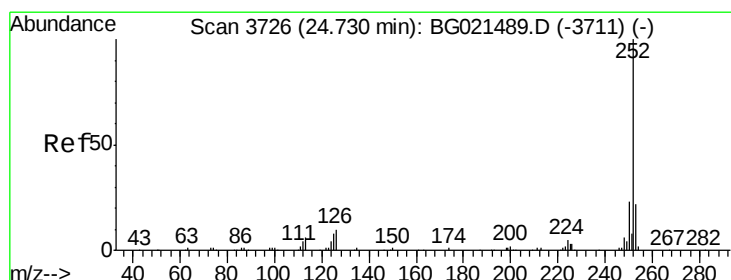
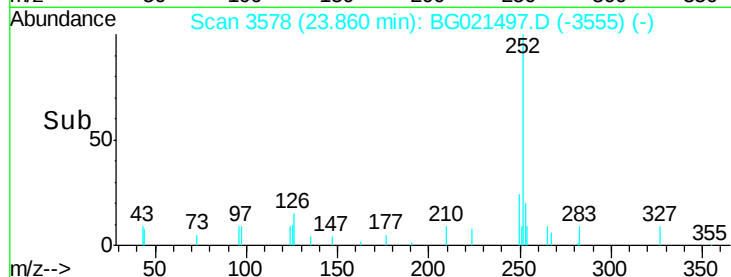
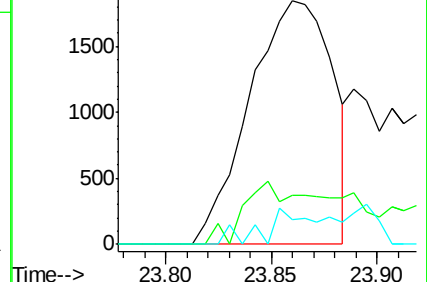
125 10.1 7.7 11.5



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(a)pyrene

Concen: 74.97 ng/ul

RT: 24.73 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

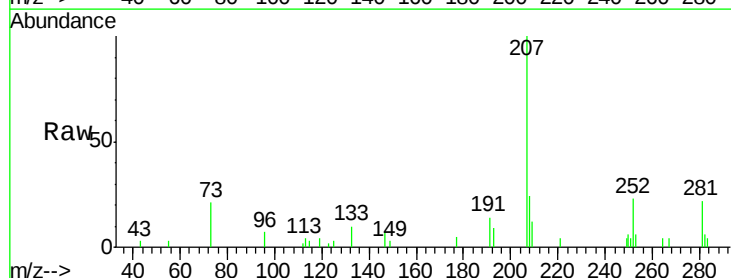
Tgt Ion:252 Resp: 4095

Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.0

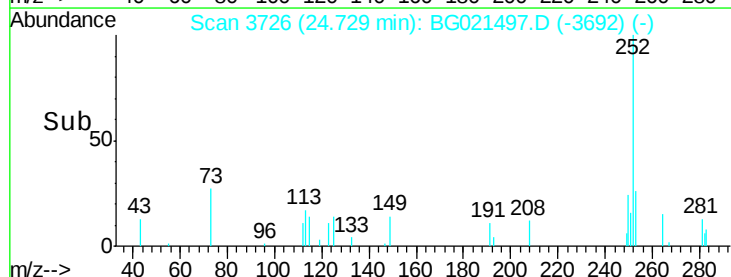
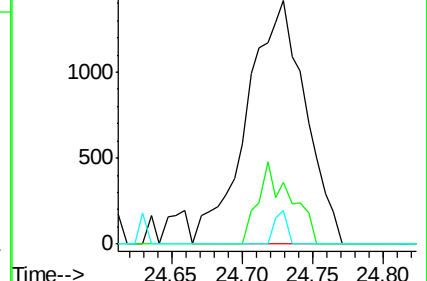
125 13.8 8.2 12.2#

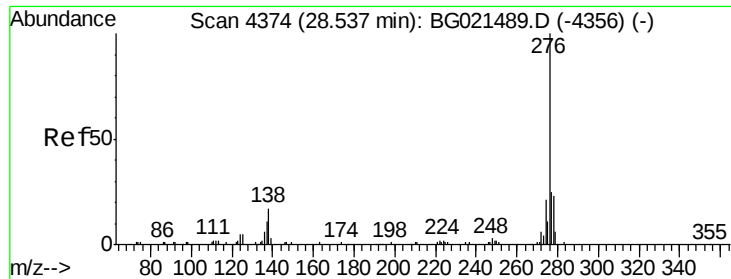


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 23.24 ng/ul

RT: 28.54 min Scan# 4374

Delta R.T. -0.00 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

Instrument :

BNA_G

ClientSampled :

A4T49

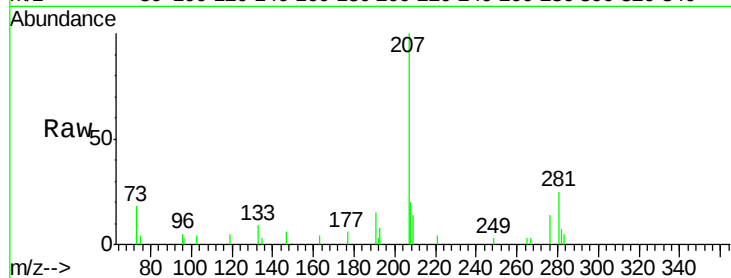
Tot Ion:276 Resp: 1443

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

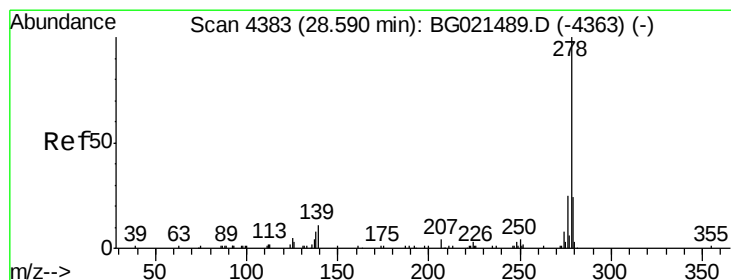
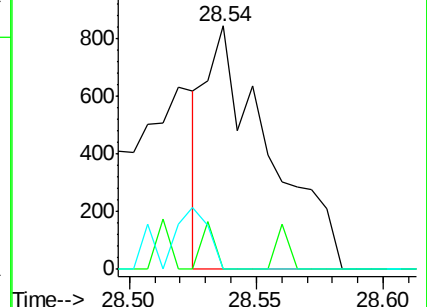
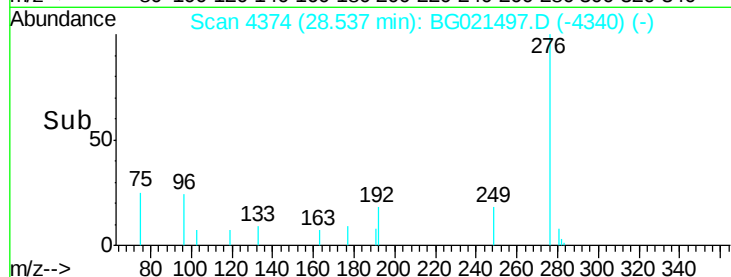
277 0.0 19.0 28.6#



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



#93

Dibenzo(a,h)anthracene

Concen: 1.16 ng/ul

RT: 28.59 min Scan# 4383

Delta R.T. -0.00 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

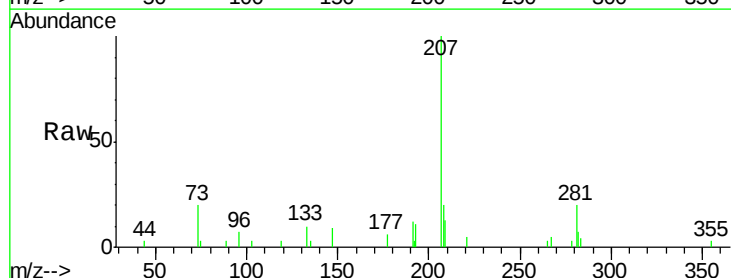
Tgt Ion:278 Resp: 61

Ion Ratio Lower Upper

278 100

139 0.0 12.1 18.1#

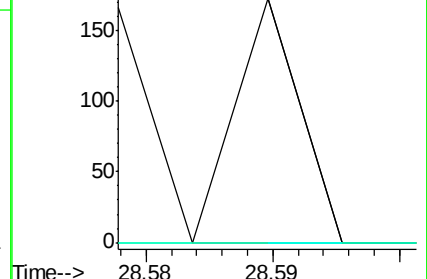
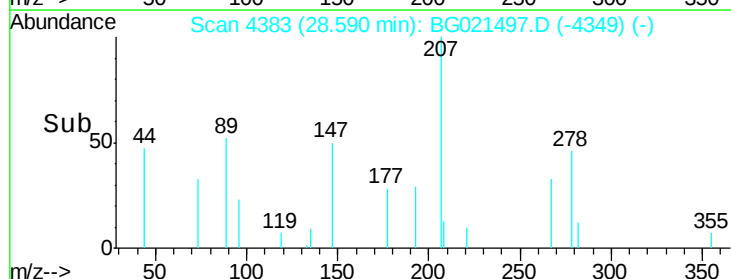
279 0.0 19.8 29.8#

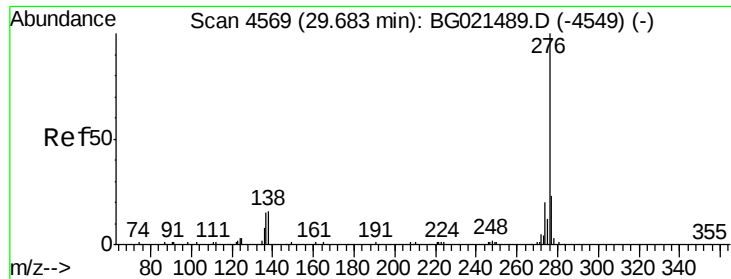


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 26.35 ng/ul

RT: 29.66 min Scan# 4566

Delta R.T. -0.02 min

Lab File: BG021497.D

Acq: 24 Mar 2016 23:02

Instrument :

BNA_G

ClientSampleId :

A4T49

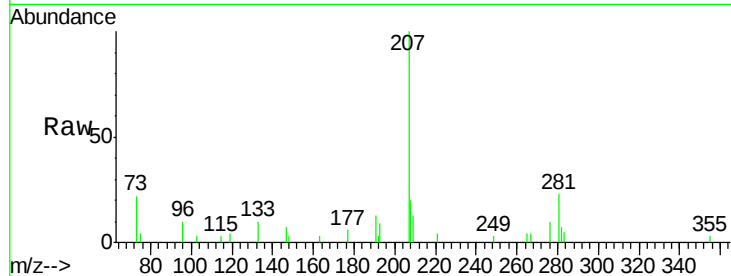
Tot Ion:276 Resp: 1345

Ion Ratio Lower Upper

276 100

138 0.0 13.9 20.9#

277 0.0 19.8 29.6#



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

