

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023473.D
 Acq On : 5 Aug 2016 5:06
 Operator : UM/SJ
 Sample : H4208-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJK6

Quant Time: Aug 05 06:48:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 03:48:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	124973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	608359	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	440848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1068395	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1792	20.00	ng/ul	0.05
83) Perylene-d12	25.23	264	1078805	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	4696	1.60	ng/uL	0.00
5) Phenol-d5	7.27	99	220377	17.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	166350	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	166298	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	166023	16.89	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	183	0.04	ng/ul	0.24
22) 2-Nitrophenol-d4	10.02	143	103666	18.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	180451	17.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	232258	19.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	700841	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	804213	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	71698	11.64	ng/ul	0.00
57) Fluorene-d10	15.77	176	644049	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	79565	11.61	ng/ul	0.00
70) Anthracene-d10	17.64	188	1001105	20.80	ng/ul	0.00
76) Pyrene-d10	20.00	212	1963	21.64	ng/ul	0.07
87) Benzo(a)pyrene-d12	25.00	264	1005395	20.59	ng/ul	0.00

Target Compounds

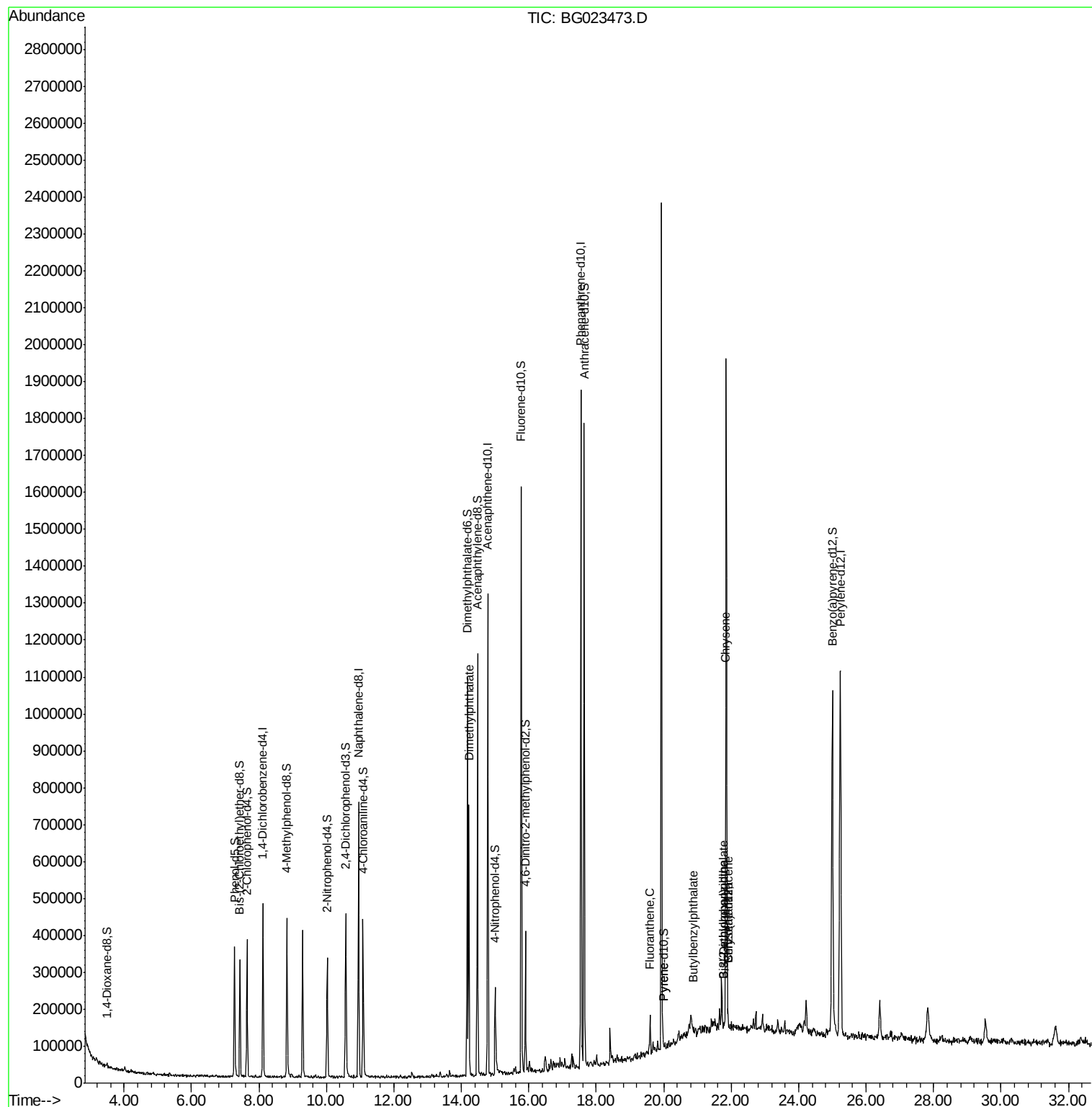
						Ovalue
44) Dimethylphthalate	14.22	163	459229	12.85	ng/ul	99
74) Fluoranthene	19.60	202	62709	1.11	ng/ul#	92
77) Pyrene	20.00	202	613	5.53	ng/ul#	22
78) Butylbenzylphthalate	20.88	149	341	8.03	ng/ul#	3
79) 3,3'-Dichlorobenzidine	21.79	252	371	11.75	ng/ul#	47
80) Benzo(a)anthracene	21.91	228	28067	278.12	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.77	149	155	2.74	ng/ul#	50
82) Chrysene	21.84	228	30489	332.26	ng/ul	92

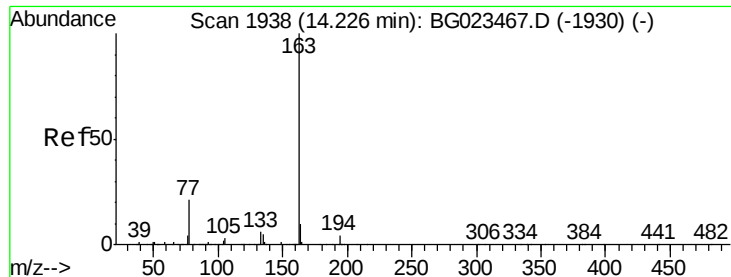
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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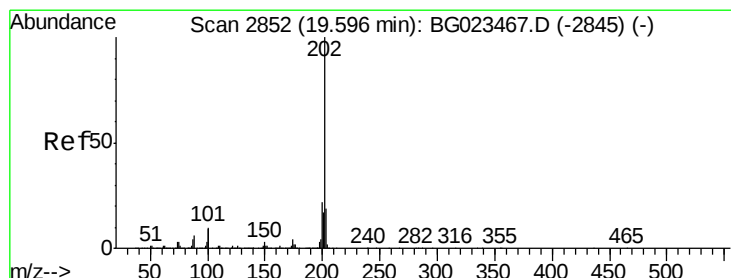
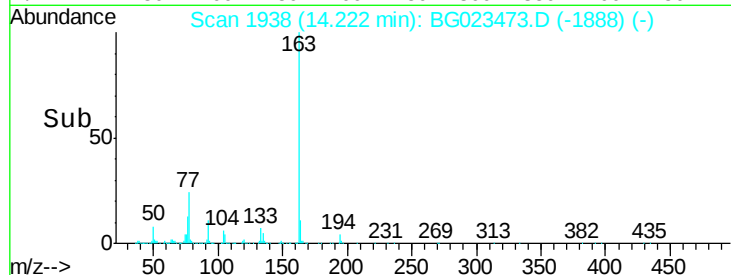
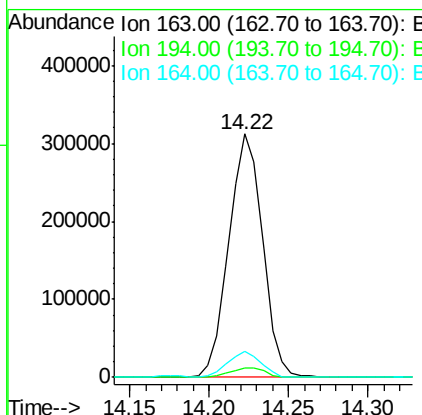
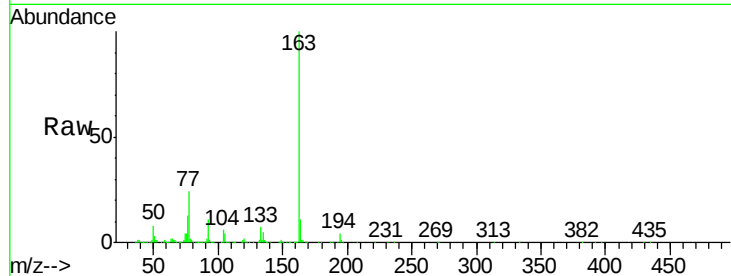




#44
Dimethylphthalate
Concen: 12.85 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023473.D
Acq: 5 Aug 2016 5:06

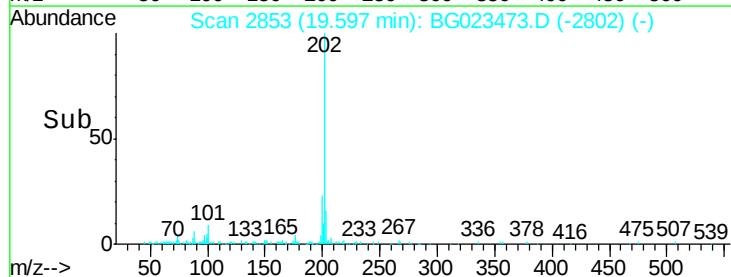
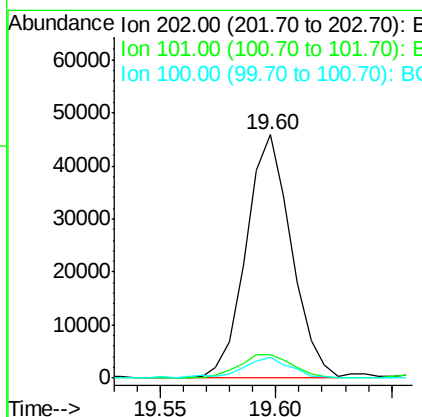
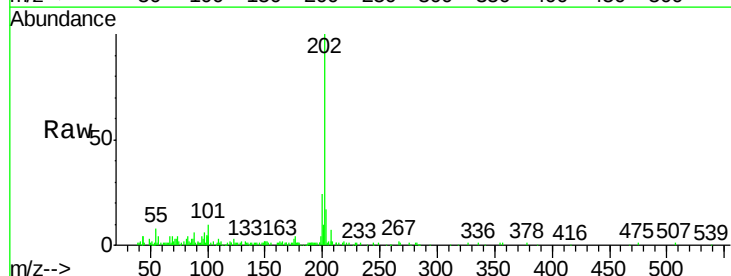
Instrument :
BNA_G
ClientSampleId :
BDJK6

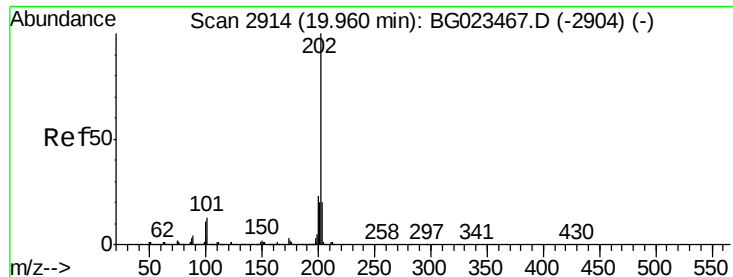
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.8	8.8	13.2



#74
Fluoranthene
Concen: 1.11 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG023473.D
Acq: 5 Aug 2016 5:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	10.6	16.0#
100	8.5	8.7	13.1#





#77

Pvrene

Concen: 5.53 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.04 min

Lab File: BG023473.D

Acq: 5 Aug 2016 5:06

Instrument :

BNA_G

ClientSampleId :

BDJK6

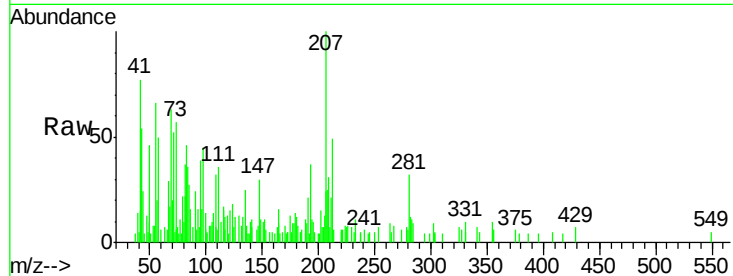
Tot Ion:202 Resp: 613

Ion Ratio Lower Upper

202 100

101 25.8 12.5 18.7#

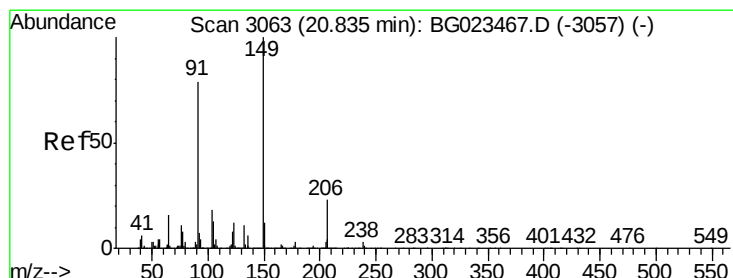
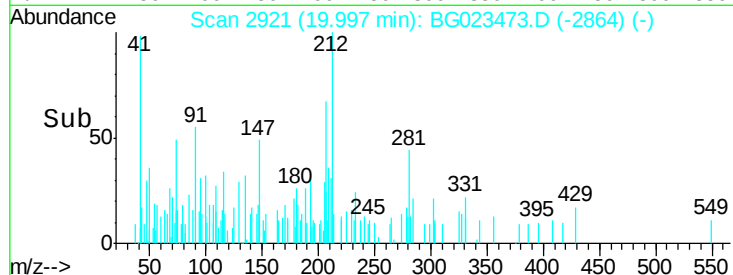
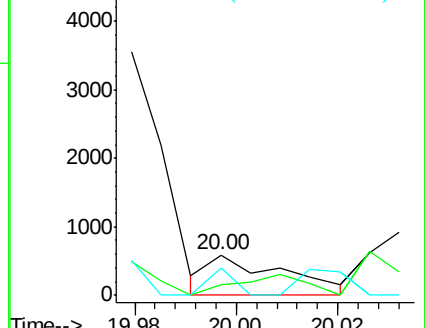
100 69.5 10.2 15.4#



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



#78

Butylbenzylphthalate

Concen: 8.03 ng/ul

RT: 20.88 min Scan# 3071

Delta R.T. 0.04 min

Lab File: BG023473.D

Acq: 5 Aug 2016 5:06

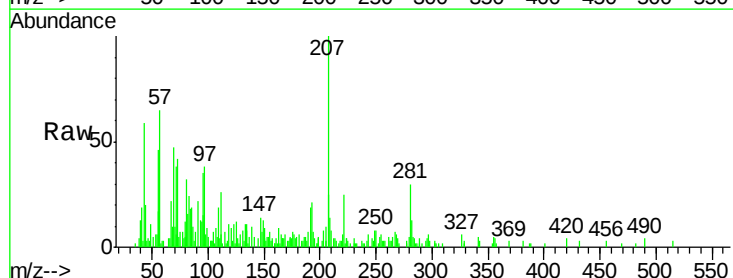
Tgt Ion:149 Resp: 341

Ion Ratio Lower Upper

149 100

91 163.9 54.2 81.4#

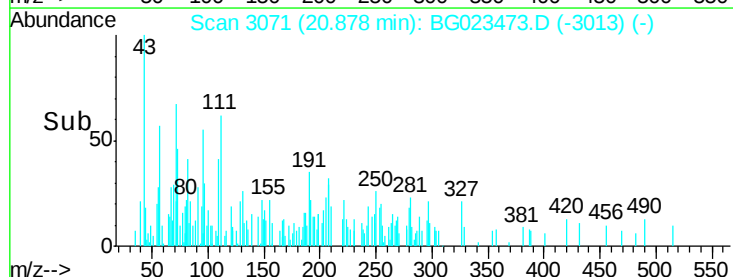
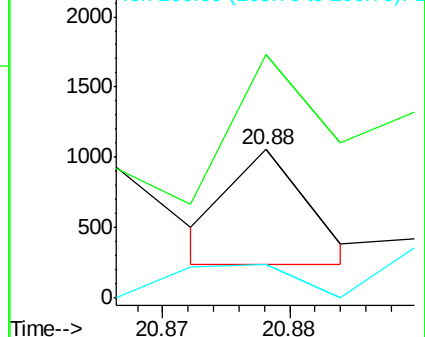
206 22.8 14.1 21.1#

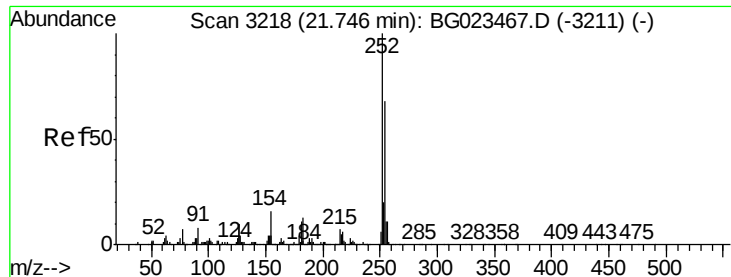


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 11.75 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. 0.04 min

Lab File: BG023473.D

Acq: 5 Aug 2016 5:06

Instrument :

BNA_G

ClientSampled :

BDJK6

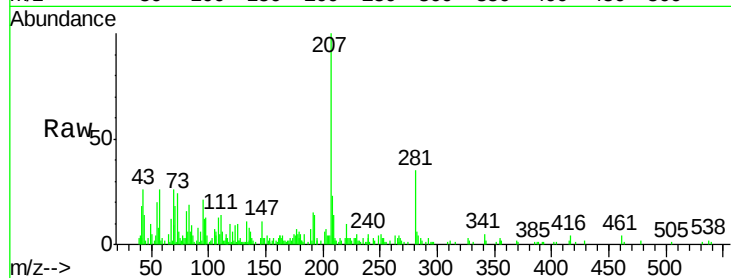
Tot Ion:252 Resp: 371

Ion Ratio Lower Upper

252 100

254 35.1 51.4 77.2#

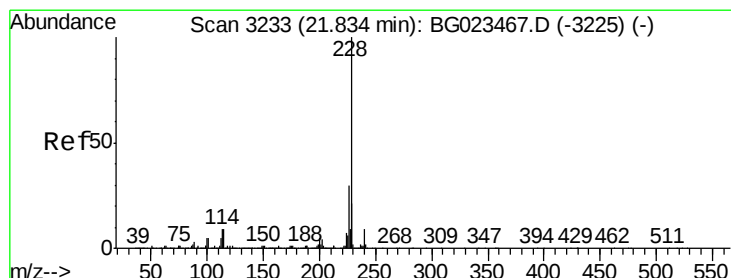
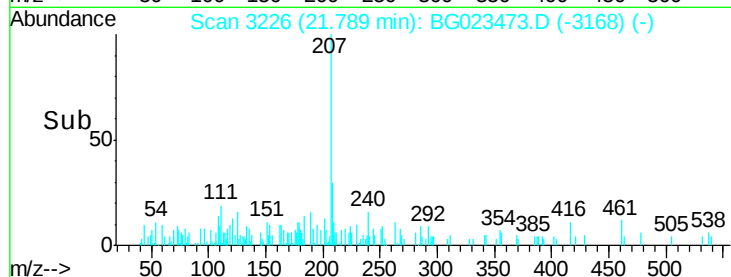
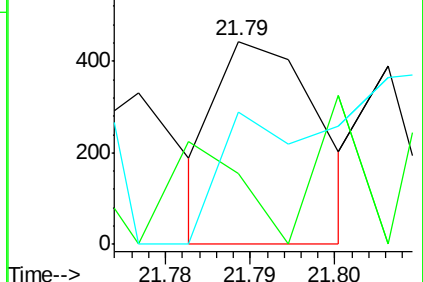
126 65.1 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 278.12 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. 0.07 min

Lab File: BG023473.D

Acq: 5 Aug 2016 5:06

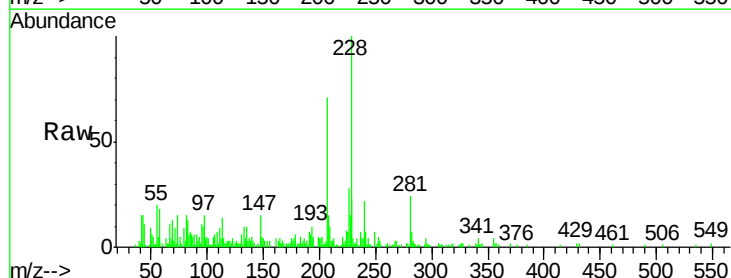
Tgt Ion:228 Resp: 28067

Ion Ratio Lower Upper

228 100

229 22.7 15.4 23.2

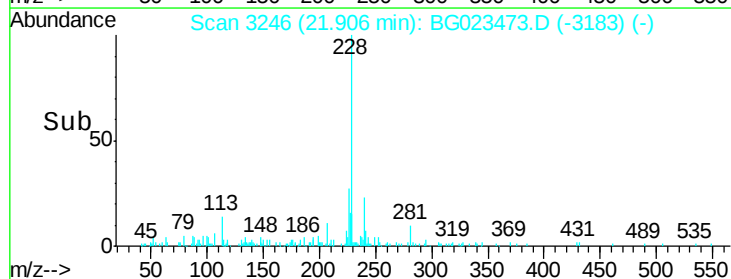
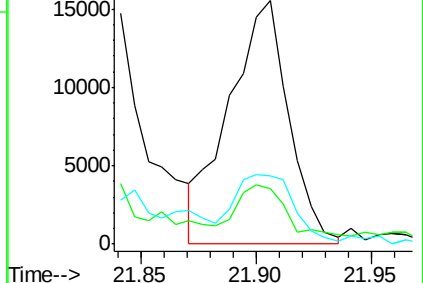
226 28.3 22.8 34.2

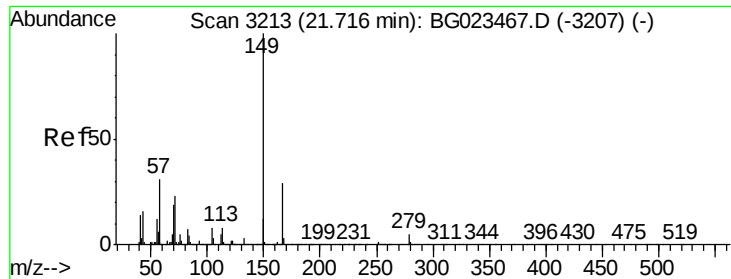


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

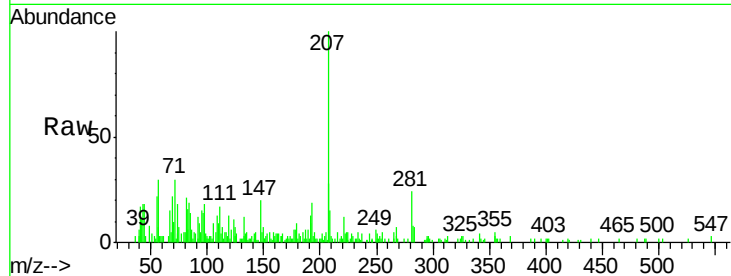




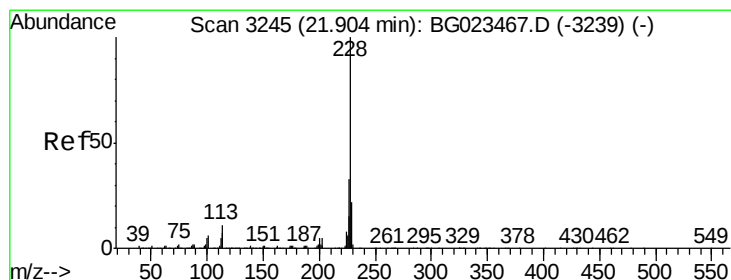
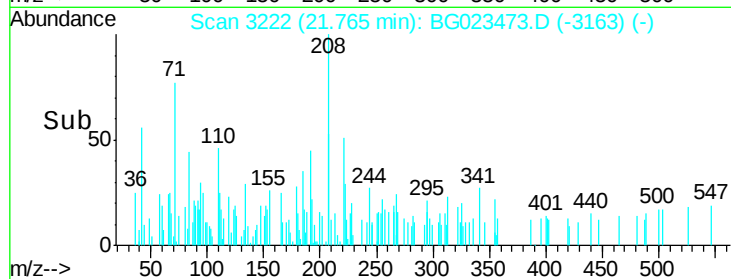
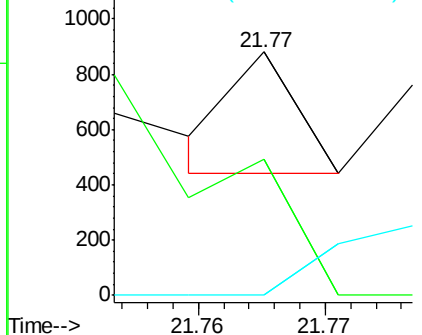
#81
Bis(2-ethylhexyl)phthalate
Concen: 2.74 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. 0.05 min
Lab File: BG023473.D
Acq: 5 Aug 2016 5:06

Instrument :
BNA_G
ClientSampled :
BDJK6

Tot Ion	Ratio	Lower	Upper
149	100		
167	55.8	21.9	32.9#
279	0.0	2.9	4.3#

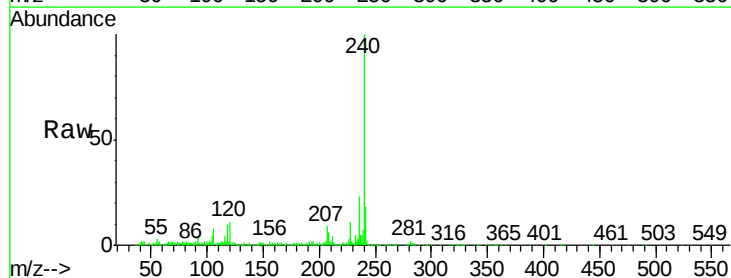


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#82
Chrysene
Concen: 332.26 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. -0.07 min
Lab File: BG023473.D
Acq: 5 Aug 2016 5:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.7	24.2	36.4
229	21.2	15.0	22.6



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

