

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026944.D
 Acq On : 10 May 2017 19:01
 Operator : SJ/MA
 Sample : I2960-05DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC40DL

Quant Time: May 11 09:00:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 01:49:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	174099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	852815	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	447622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	804377	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	714727	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	746638	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	8647	2.24	ng/uL	0.00
5) Phenol-d5	7.19	99	198149	12.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	121933	13.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	162683	12.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	165460	12.83	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	84900	11.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	91742	11.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	146163	11.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	177621	10.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	456646	12.67	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	612739	13.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	57476	8.85	ng/ul	0.02
57) Fluorene-d10	15.61	176	381353	12.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	17835	3.65	ng/ul	0.01
70) Anthracene-d10	17.46	188	531920	13.63	ng/ul	0.00
76) Pyrene-d10	19.74	212	494757	13.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	469625	13.30	ng/ul	0.02

Target Compounds

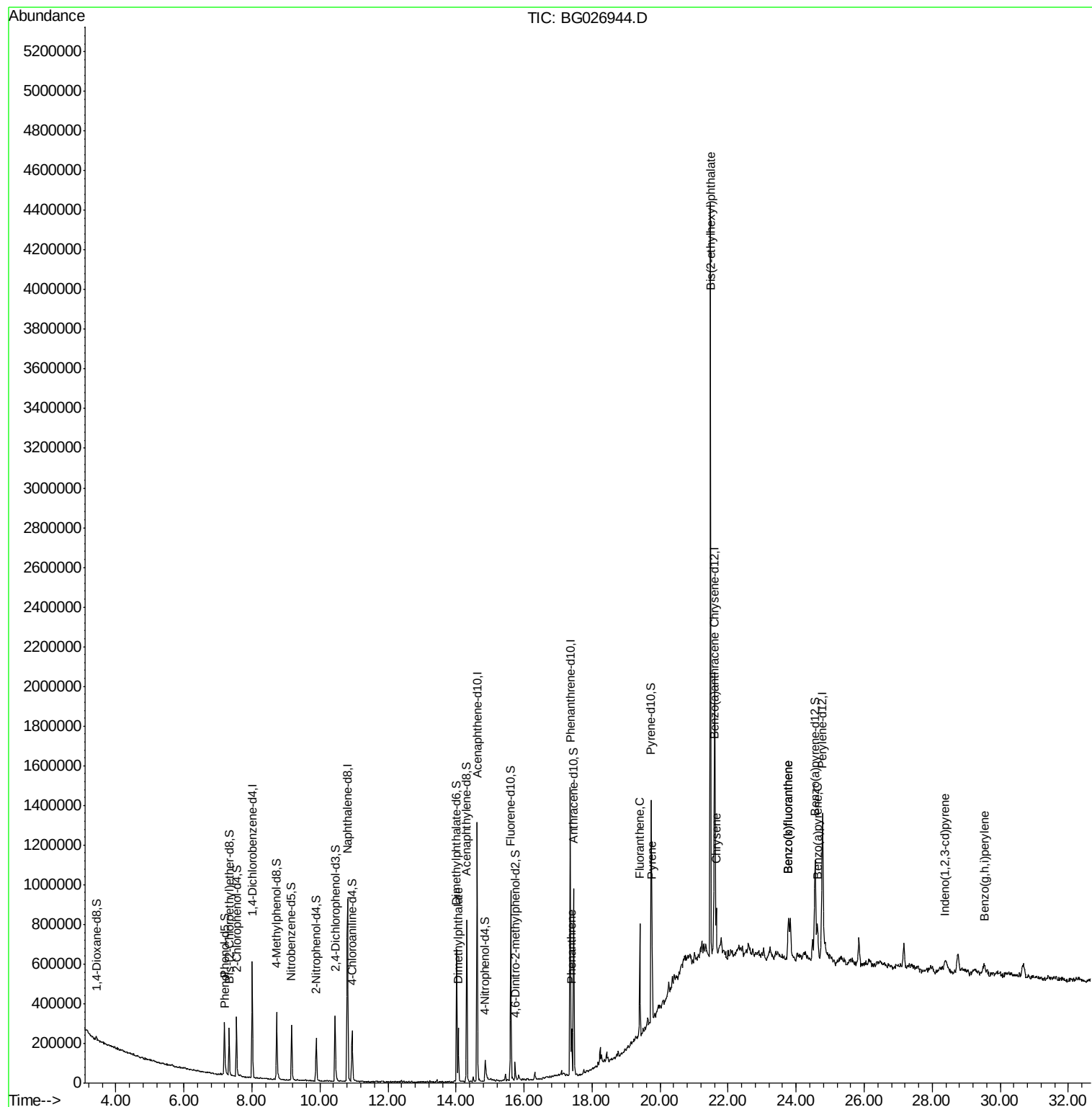
						Qvalue
6) Phenol	7.22	94	19465	1.24	ng/ul#	82
44) Dimethylphthalate	14.07	163	175560	4.98	ng/ul	98
69) Phenanthrene	17.40	178	135160	2.98	ng/ul	97
74) Fluoranthene	19.41	202	332966	7.91	ng/ul#	84
77) Pyrene	19.77	202	277885	5.80	ng/ul#	74
80) Benzo(a)anthracene	21.59	228	136284	3.26	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.48	149	1522215	47.90	ng/ul#	96
82) Chrysene	21.65	228	144828	3.73	ng/ul	93
85) Benzo(b)fluoranthene	23.77	252	220977	5.18	ng/ul#	87
86) Benzo(k)fluoranthene	23.77	252	220977	5.27	ng/ul#	89
88) Benzo(a)pyrene	24.62	252	149871	3.57	ng/ul#	81
89) Indeno(1,2,3-cd)pyrene	28.39	276	93878	1.89	ng/ul#	67
91) Benzo(g,h,i)perylene	29.53	276	75814	1.84	ng/ul#	72

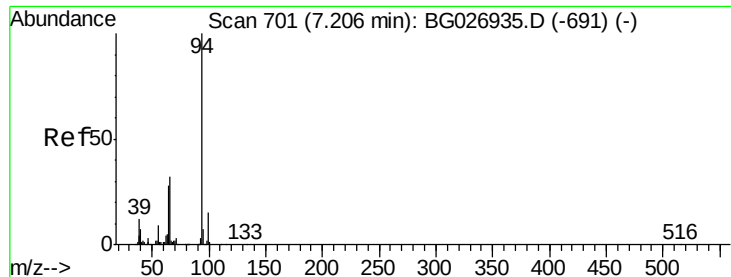
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.24 ng/ul

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

ClientSampleId :

BDC40DL

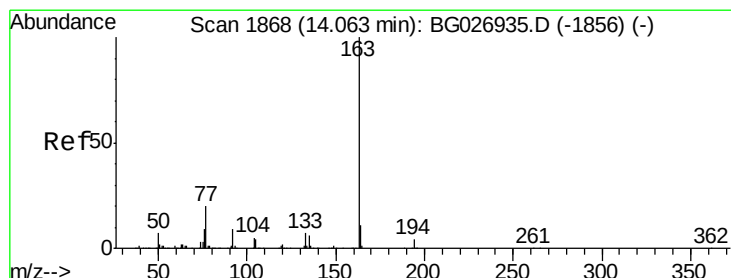
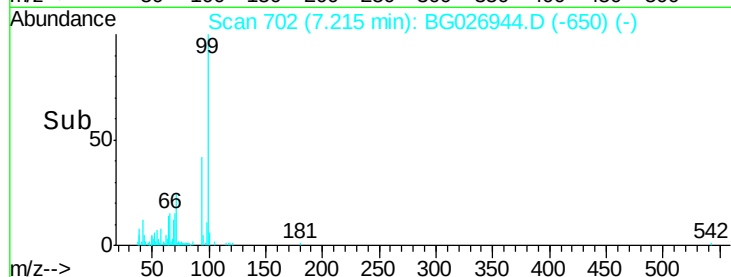
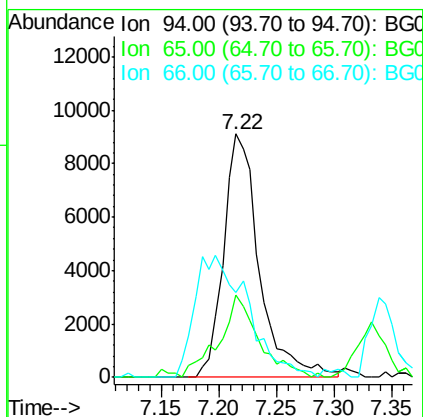
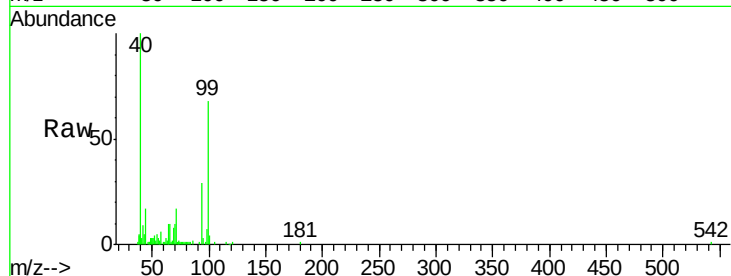
Tgt Ion: 94 Resp: 19465

Ion Ratio Lower Upper

94 100

65 33.6 26.8 40.2

66 35.0 44.4 66.6#



#44

Dimethylphthalate

Concen: 4.98 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

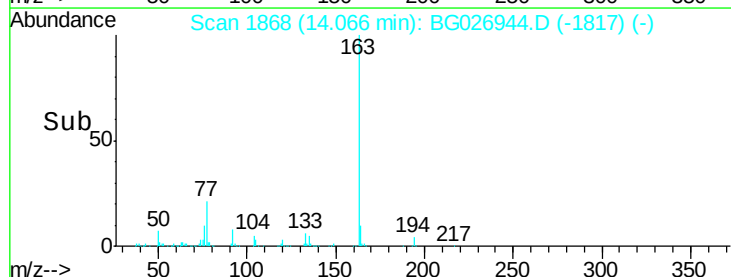
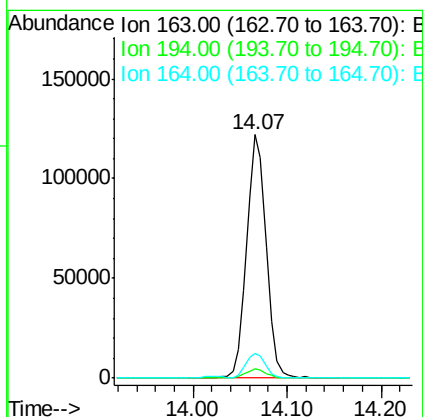
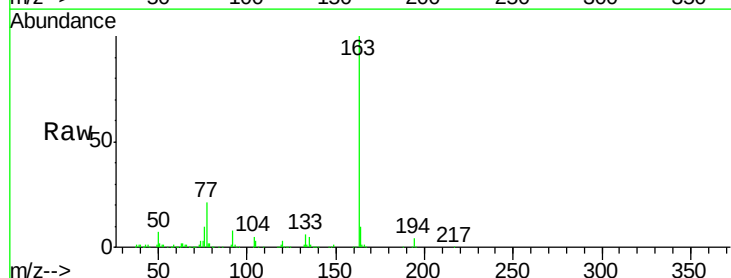
Tgt Ion: 163 Resp: 175560

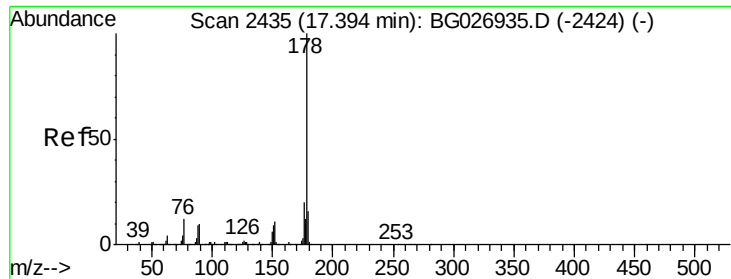
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 9.0 13.4





#69

Phenanthrene

Concen: 2.98 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

ClientSampleId :

BDC40DL

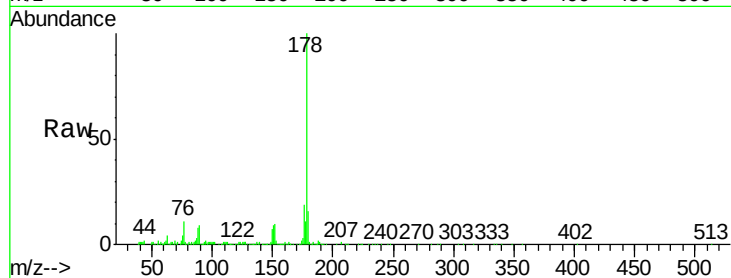
Tgt Ion:178 Resp: 135160

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

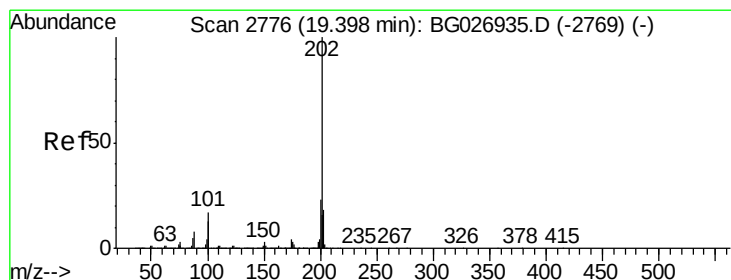
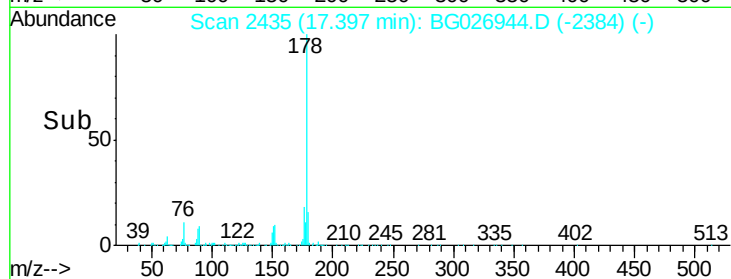
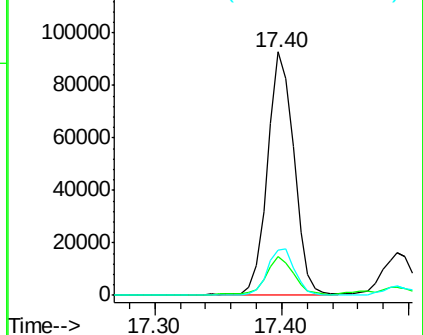
176 18.7 16.5 24.7



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



#74

Fluoranthene

Concen: 7.91 ng/ul

RT: 19.41 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

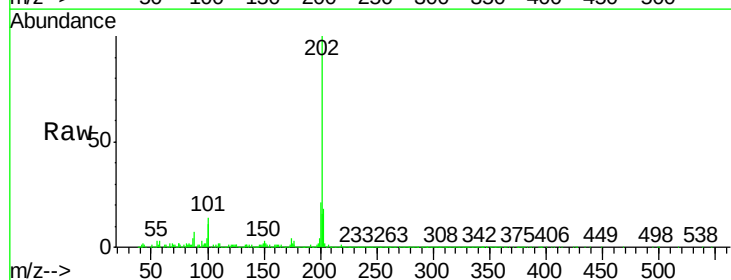
Tgt Ion:202 Resp: 332966

Ion Ratio Lower Upper

202 100

101 14.4 6.2 9.2#

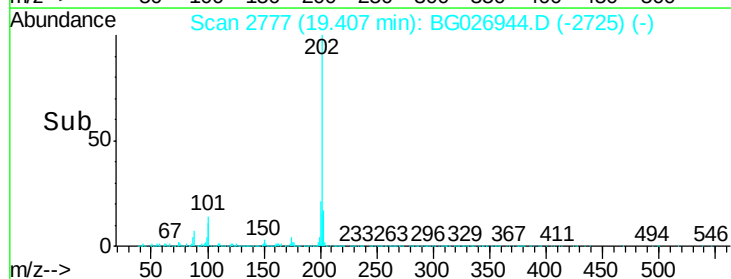
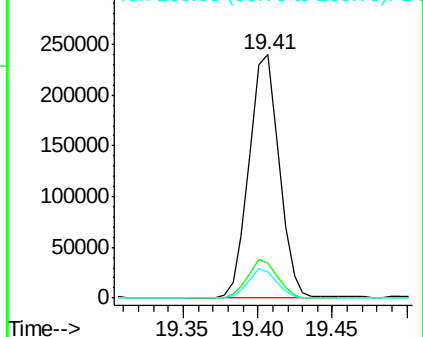
100 10.8 5.2 7.8#

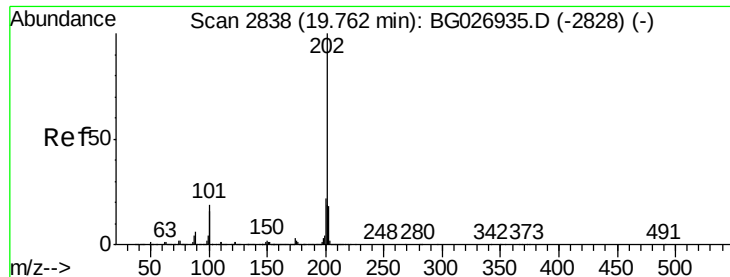


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.80 ng/ul

RT: 19.77 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

ClientSampleId :

BDC40DL

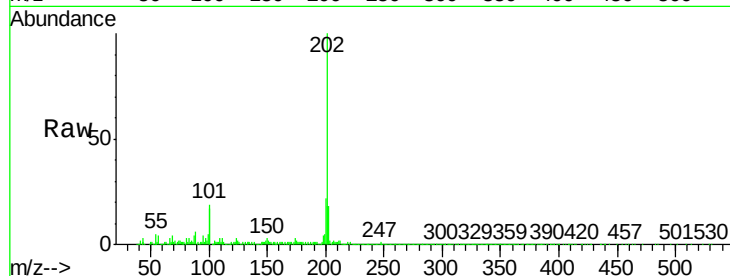
Tgt Ion:202 Resp: 277885

Ion Ratio Lower Upper

202 100

101 18.6 6.9 10.3#

100 16.7 6.6 10.0#

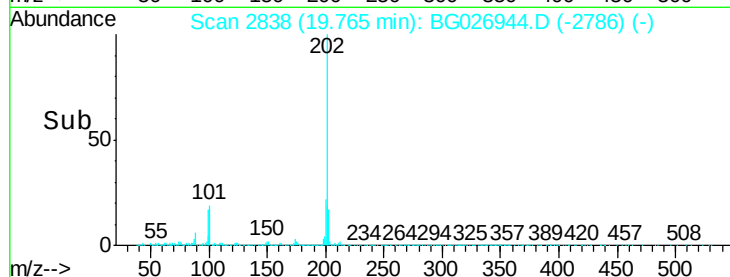


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



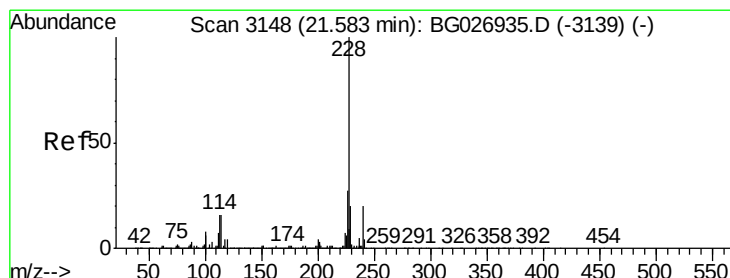
Abundance

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): E

Time-->



#80

Benzo(a)anthracene

Concen: 3.26 ng/ul

RT: 21.59 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

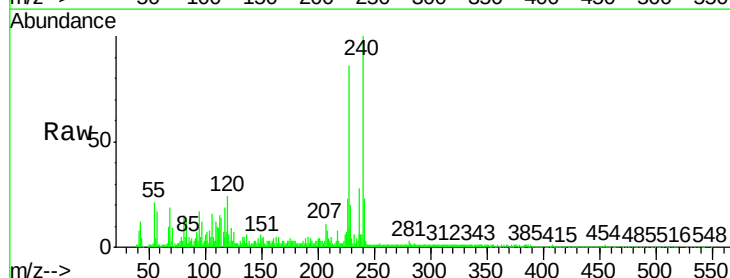
Tgt Ion:228 Resp: 136284

Ion Ratio Lower Upper

228 100

229 22.8 16.3 24.5

226 26.9 21.9 32.9

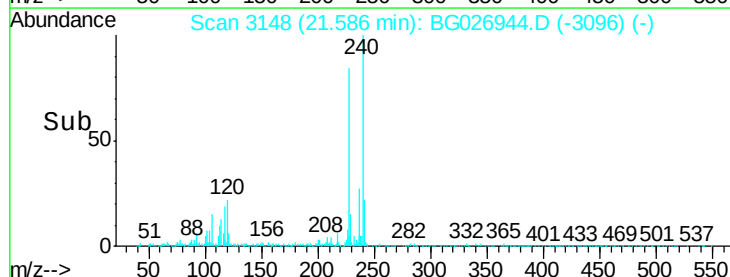


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



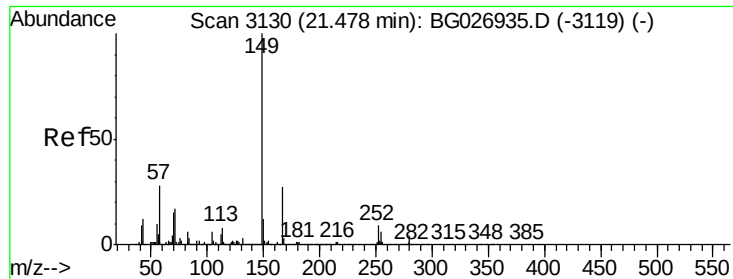
Abundance

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

Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 47.90 ng/ul

RT: 21.48 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

ClientSampleId :

BDC40DL

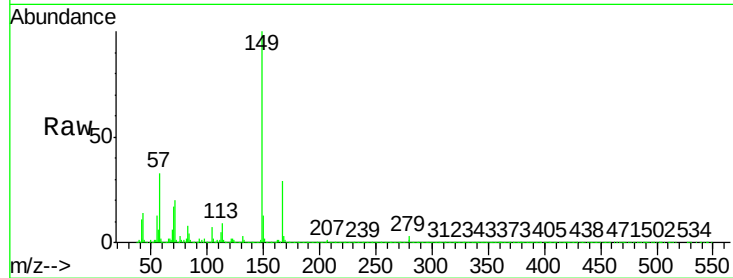
Tgt Ion:149 Resp: 1522215

Ion Ratio Lower Upper

149 100

167 29.0 21.8 32.8

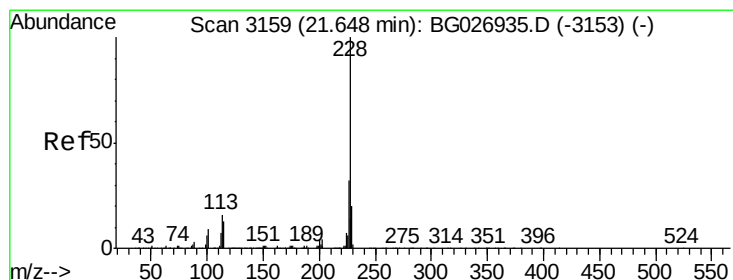
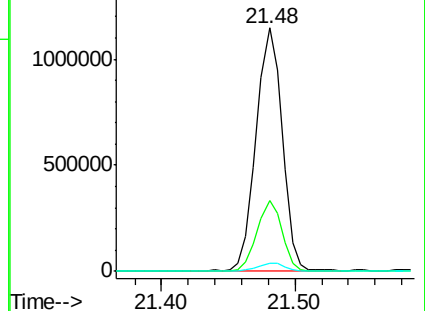
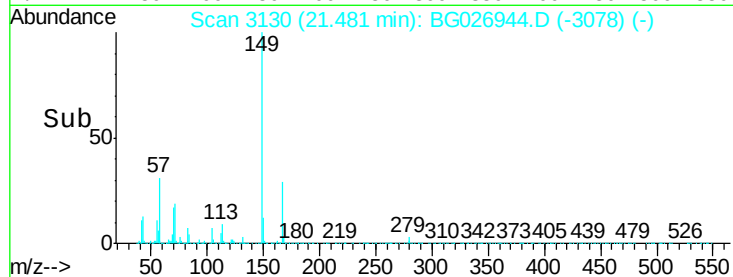
279 3.5 4.5 6.7#



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: 3.73 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

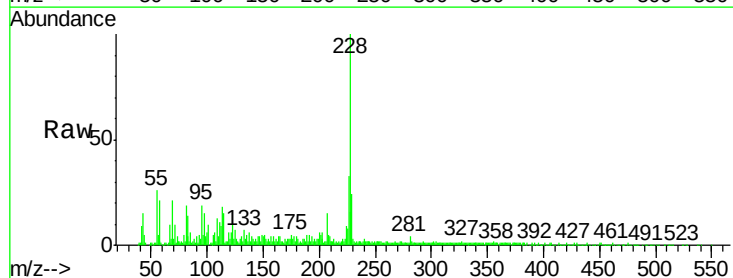
Tgt Ion:228 Resp: 144828

Ion Ratio Lower Upper

228 100

226 33.5 24.0 36.0

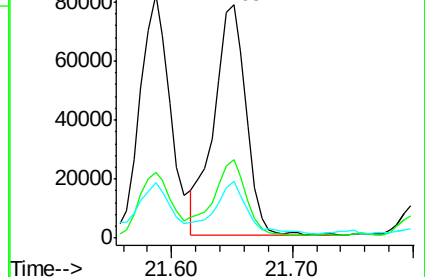
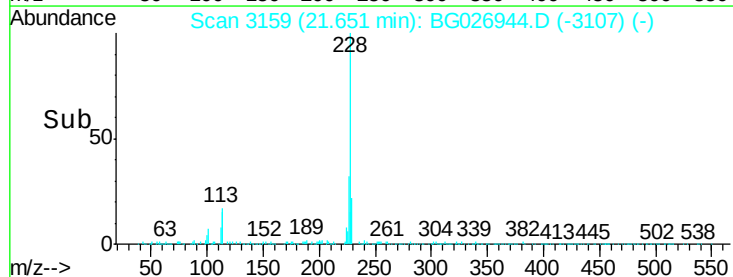
229 24.4 16.9 25.3

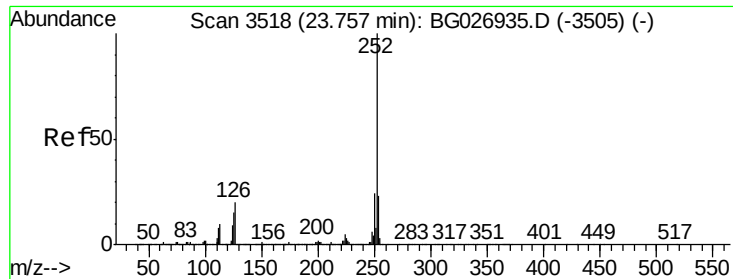


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

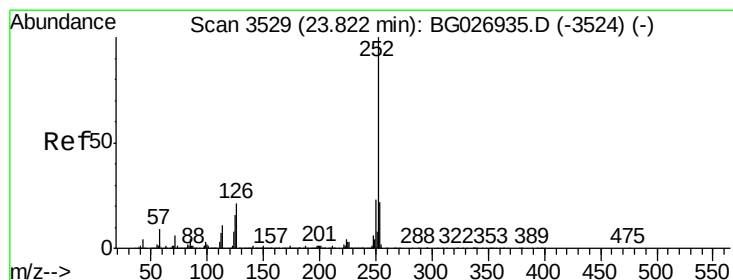
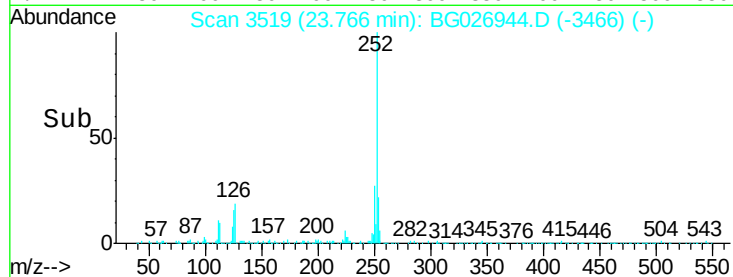
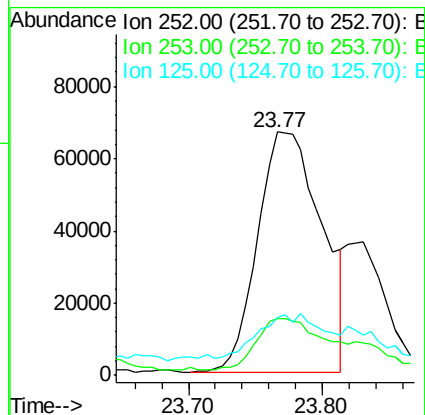
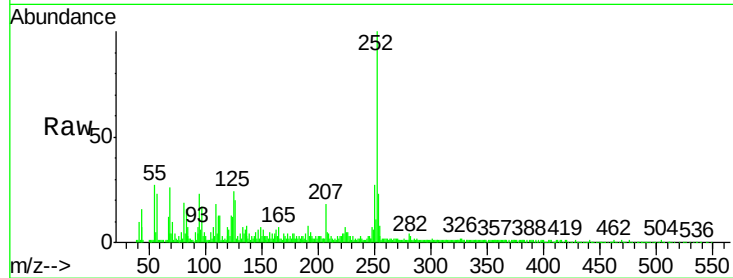




#85
Benzo(b)fluoranthene
Concen: 5.18 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

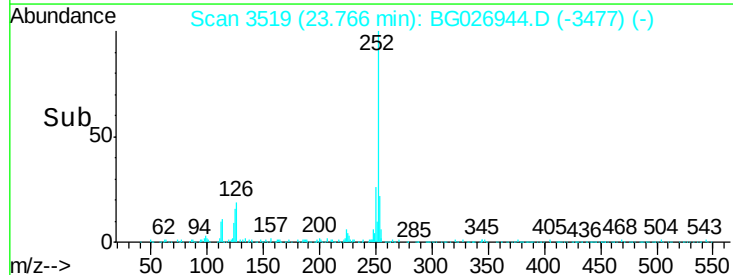
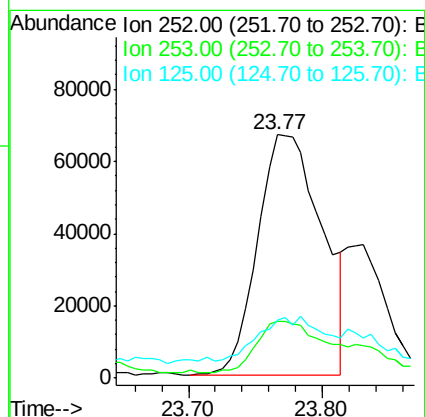
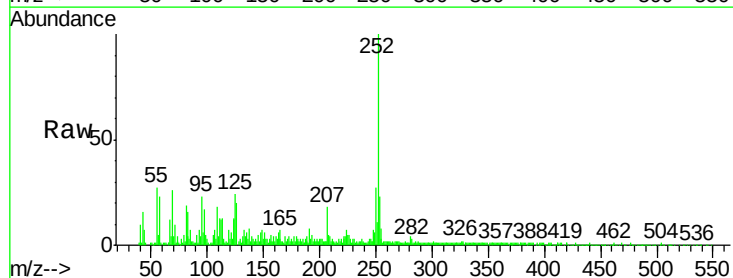
Instrument :
BNA_G
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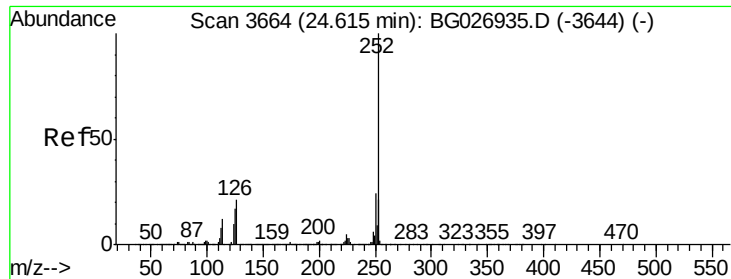
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	24.0	4.0	6.0



#86
Benzo(k)fluoranthene
Concen: 5.27 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. -0.05 min
Lab File: BG026944.D
Acq: 10 May 2017 19:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	24.0	4.1	6.1





#88

Benzo(a)pyrene

Concen: 3.57 ng/ul

RT: 24.62 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

Instrument :

BNA_G

ClientSampleId :

BDC40DL

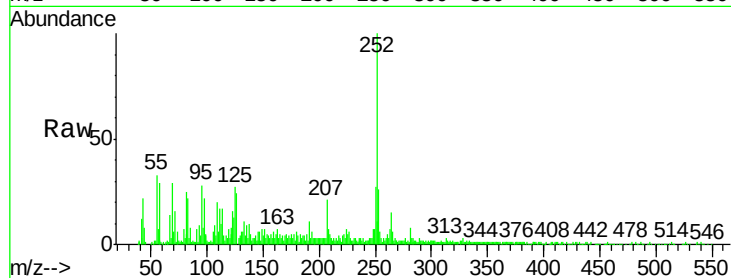
Tgt Ion:252 Resp: 149871

Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.6

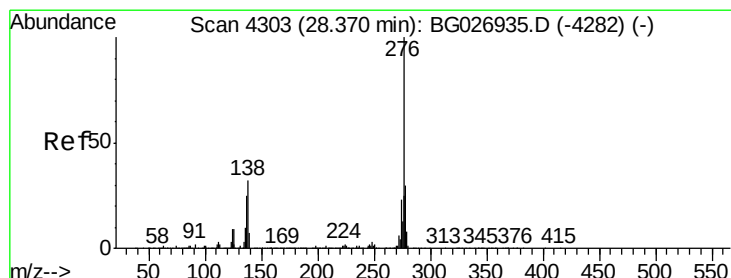
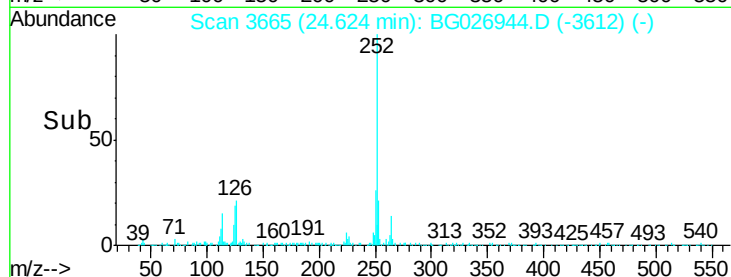
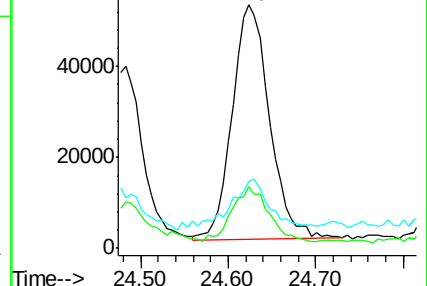
125 27.4 5.4 8.0#



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: 1.89 ng/ul

RT: 28.39 min Scan# 4306

Delta R.T. 0.02 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

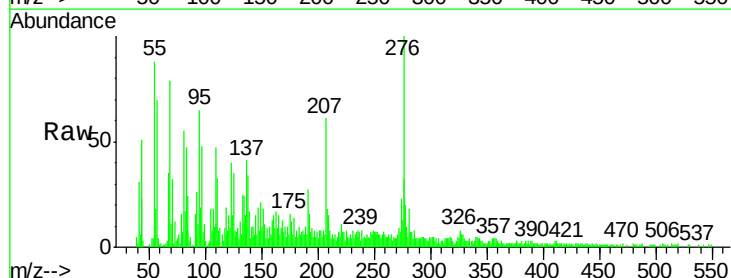
Tgt Ion:276 Resp: 93878

Ion Ratio Lower Upper

276 100

138 34.4 8.2 12.4#

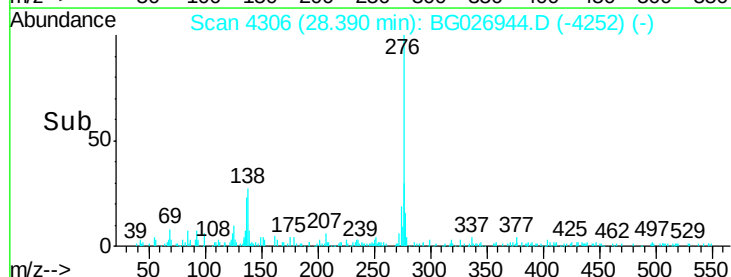
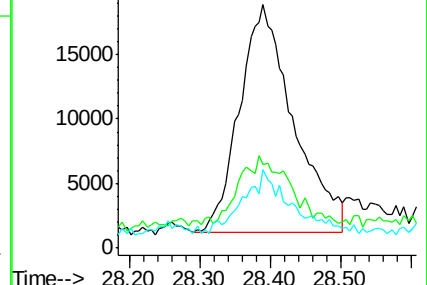
277 32.3 18.6 28.0#

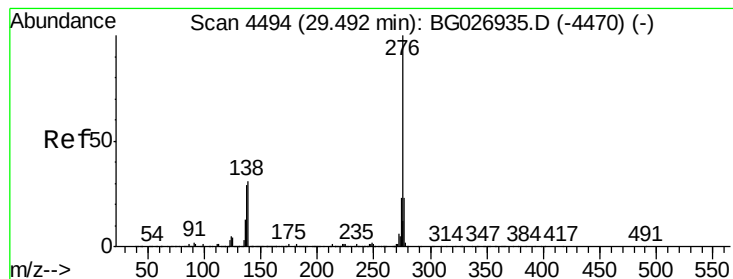


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.84 ng/ul

RT: 29.53 min Scan# 4500

Delta R.T. 0.05 min

Lab File: BG026944.D

Acq: 10 May 2017 19:01

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BNA_G

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BDC40DL

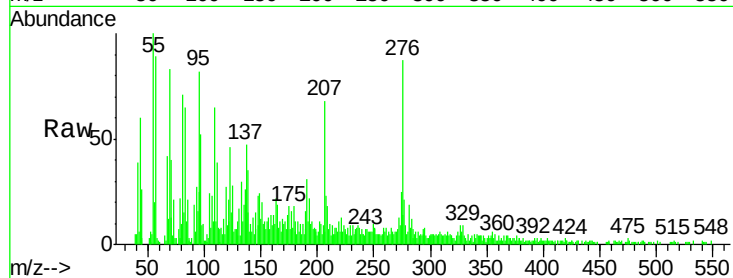
Tgt Ion: 276 Resp: 75814

Ion Ratio Lower Upper

276 100

138 40.0 8.6 12.8#

277 23.7 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

