

Quantitation Report (QT Reviewed)

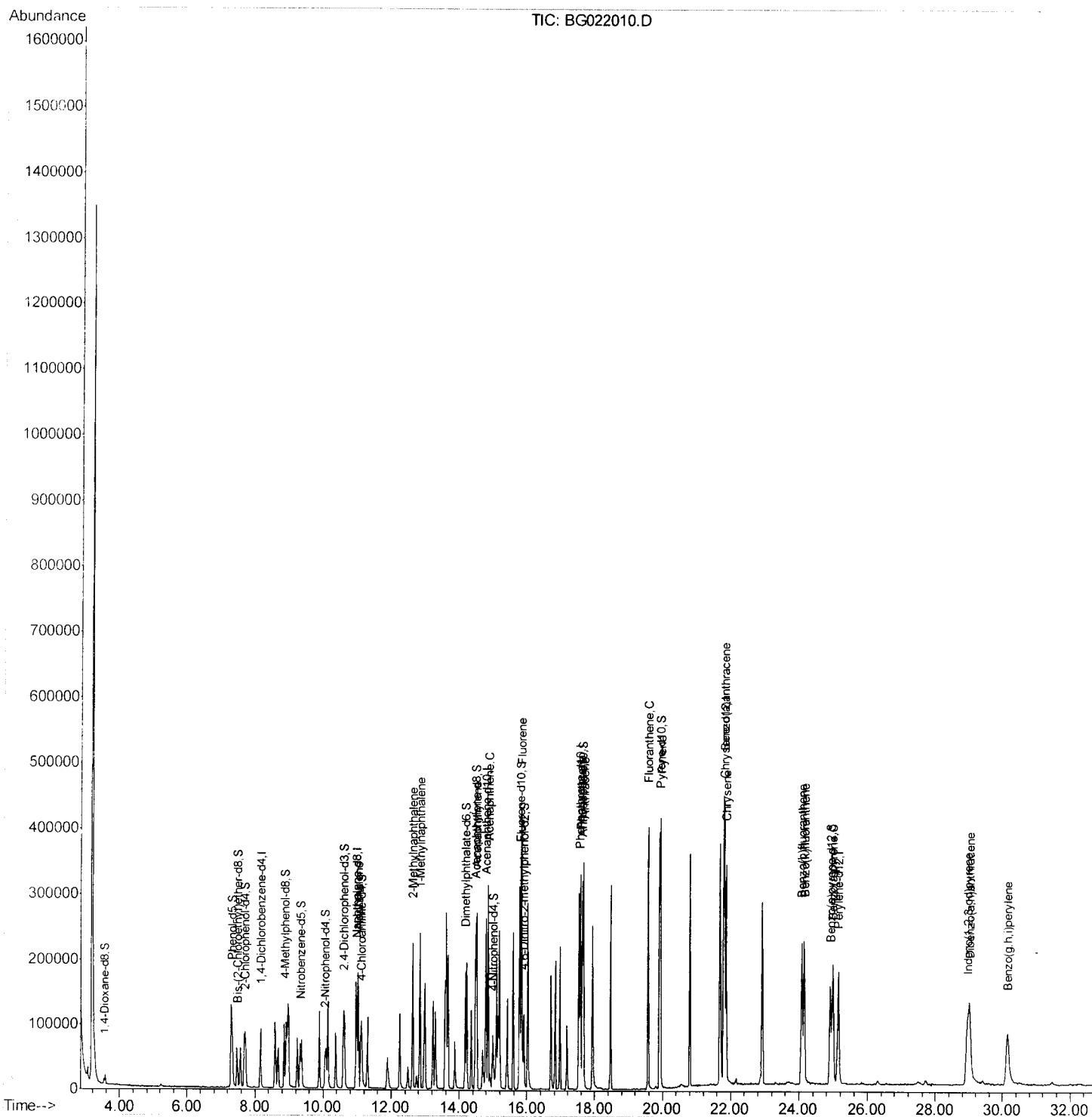
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022010.D
 Acq On : 22 May 2016 13:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 Lab Sampled :
 SSTD02010

Manual Integrations
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umangi
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Quant Time: May 24 08:43:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration



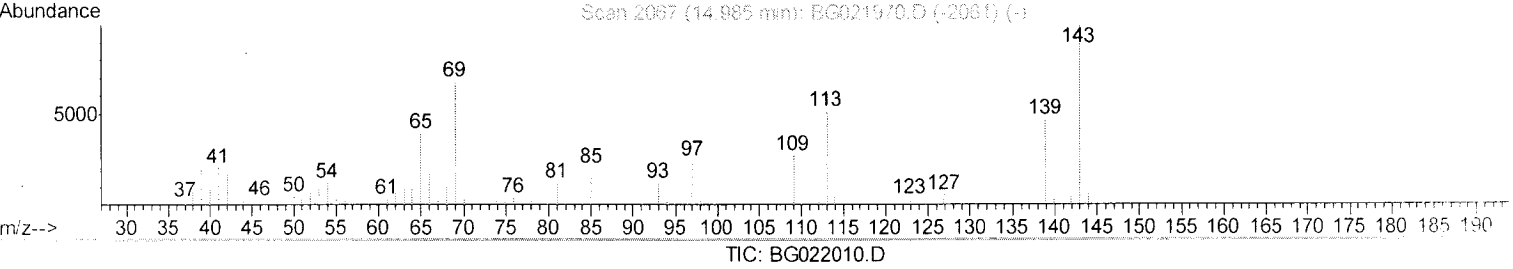
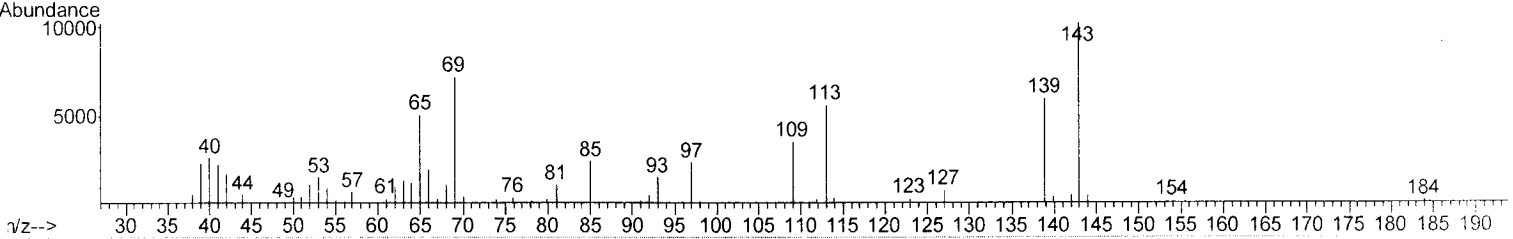
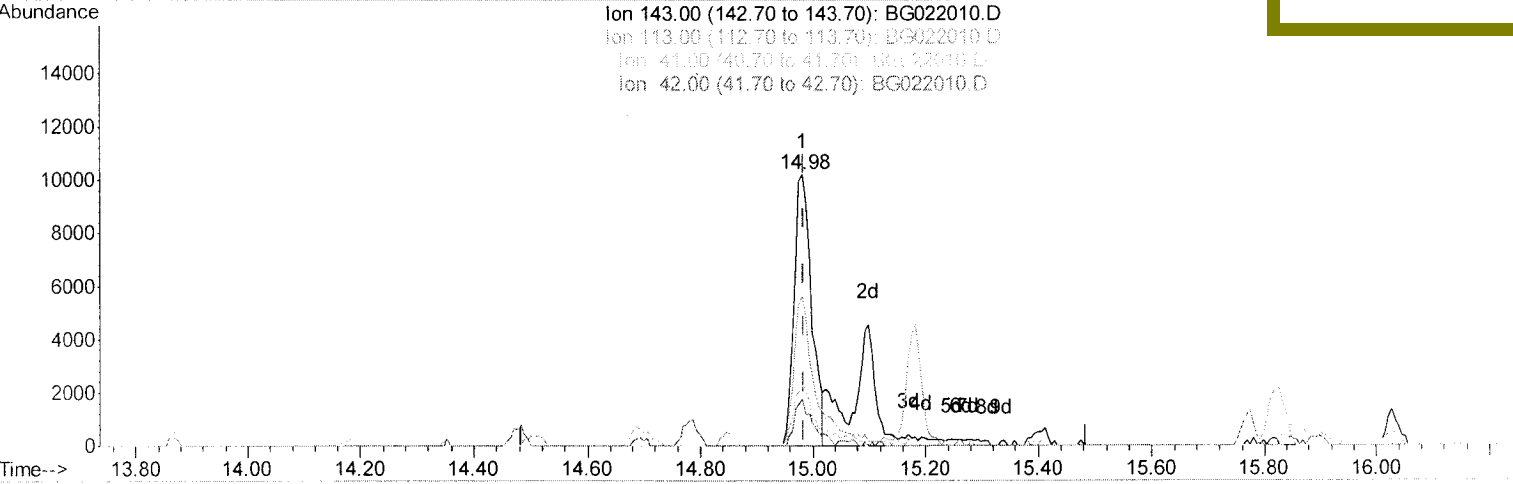
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Instrument :
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Quant Time: May 24 07:56:28 2016
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Manual Integrations
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(20) 4-Nitrophenol-d4 (S)
 14.982min (-0.003) 15.99ng/ul
 response 21812

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	55.12#
41.00	49.70	22.23#
42.00	33.70	17.48#

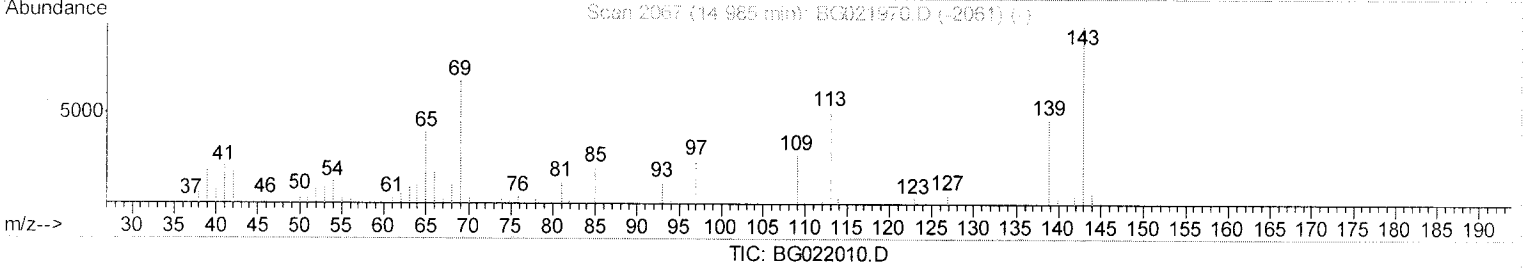
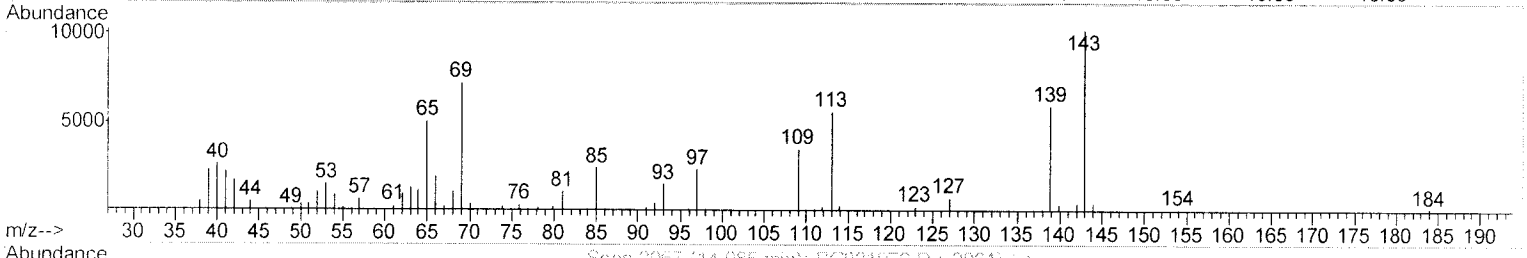
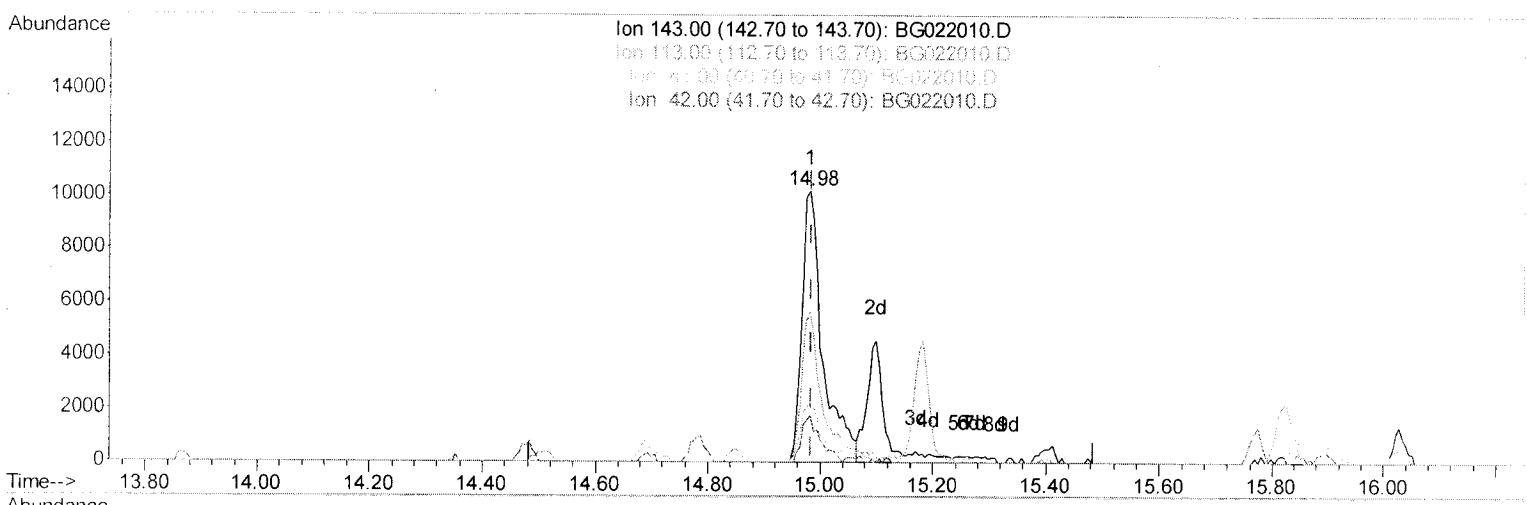
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(20) 4-Nitrophenol-d4 (S)

14.982min (-0.003) 19.02ng/ul m > *u.m.*
05/23/16

response 25946

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	55.12#
41.00	49.70	22.23#
42.00	33.70	17.48#

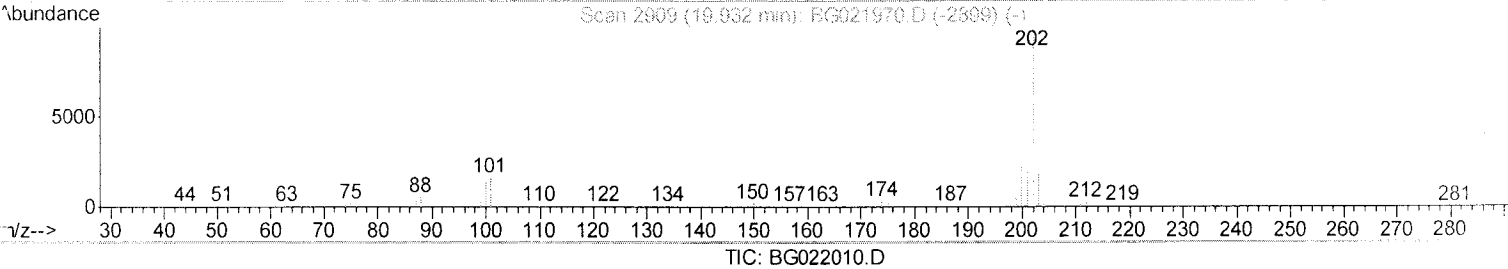
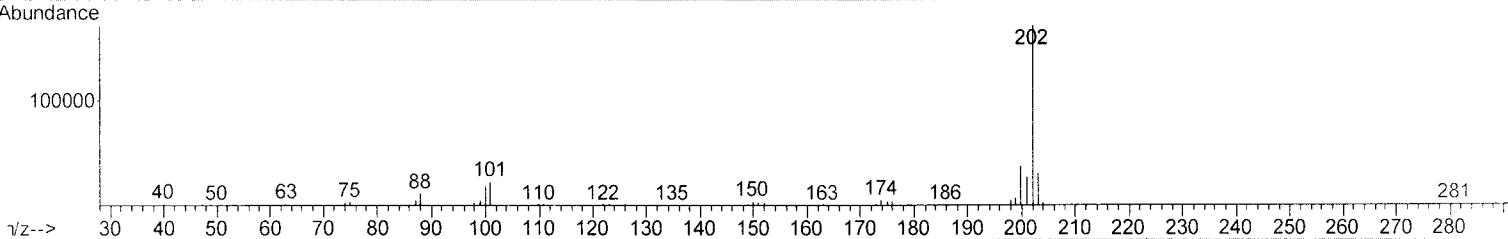
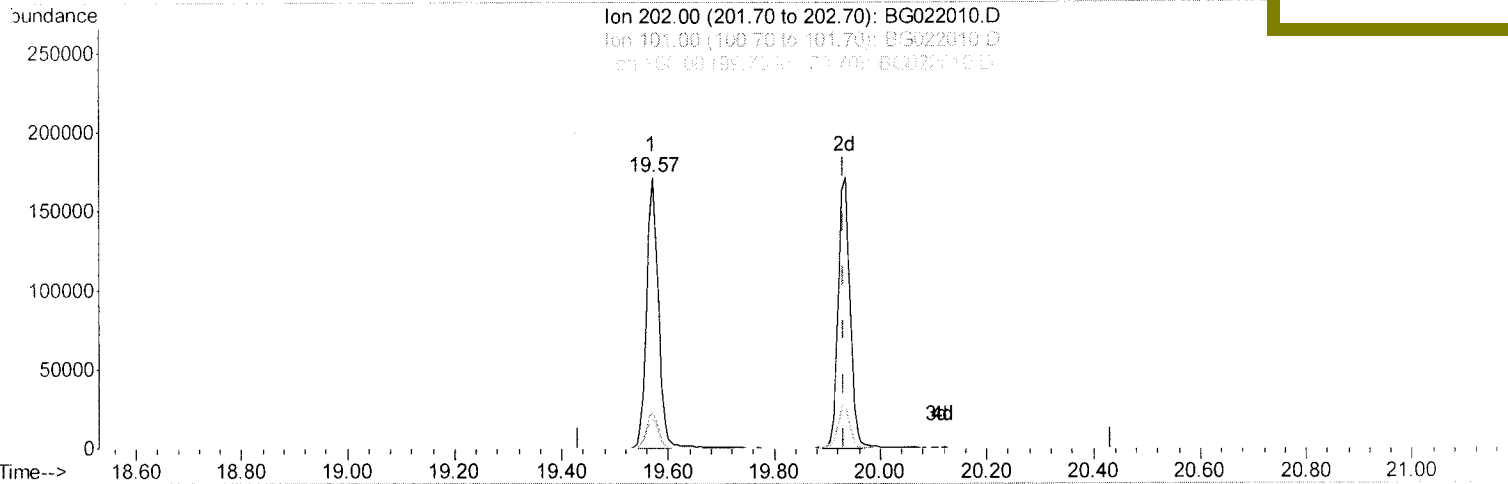
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(31) Pyrene

19.570min (-0.362) 19.86ng/ul

response 267640

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.13
100.00	11.60	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

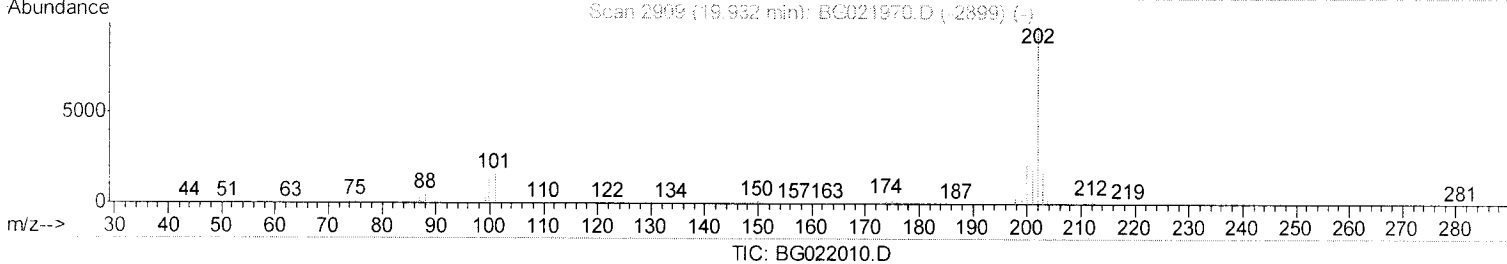
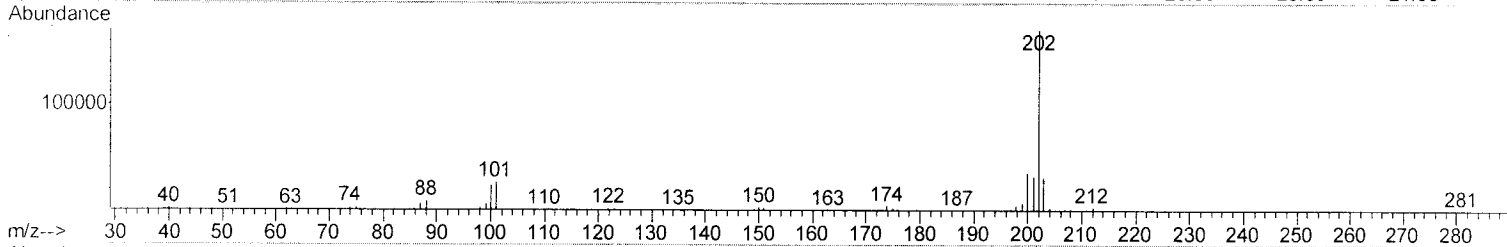
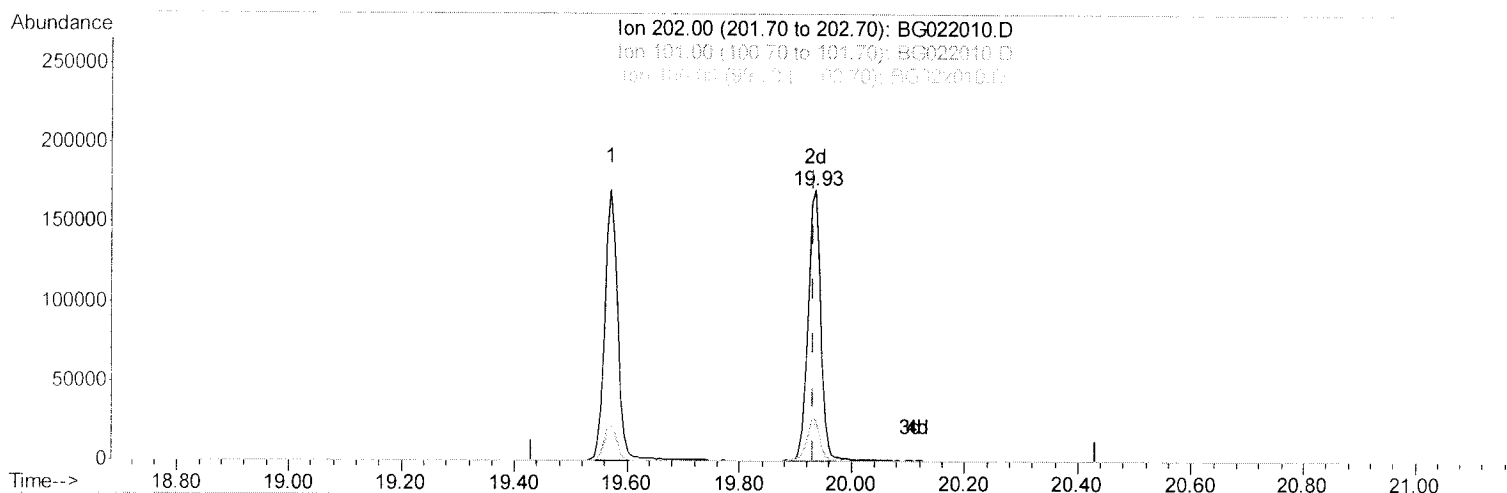
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Instrument :
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 LabSampleID :
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Manual Integrations
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 Response via : Initial Calibration



(31) Pyrene

19.935min (+0.003) 20.33ng/ui m } 0.m.
 response 273997 } 05/25/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.57#
100.00	11.60	13.65
0.00	0.00	0.00

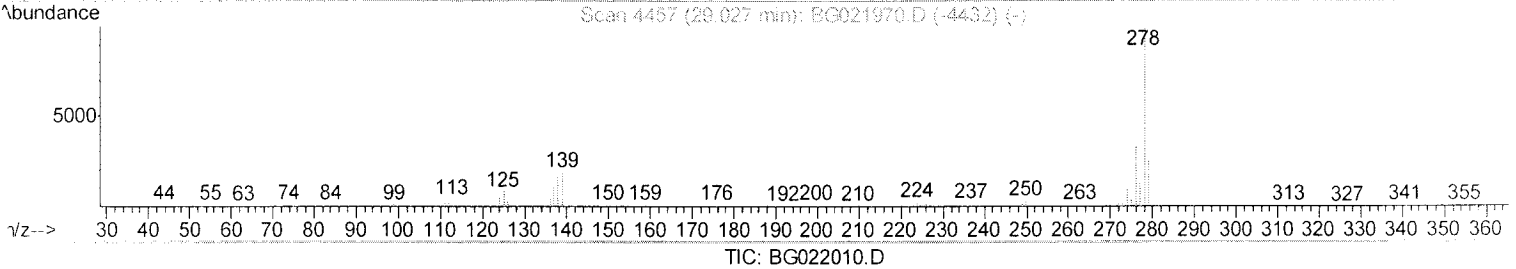
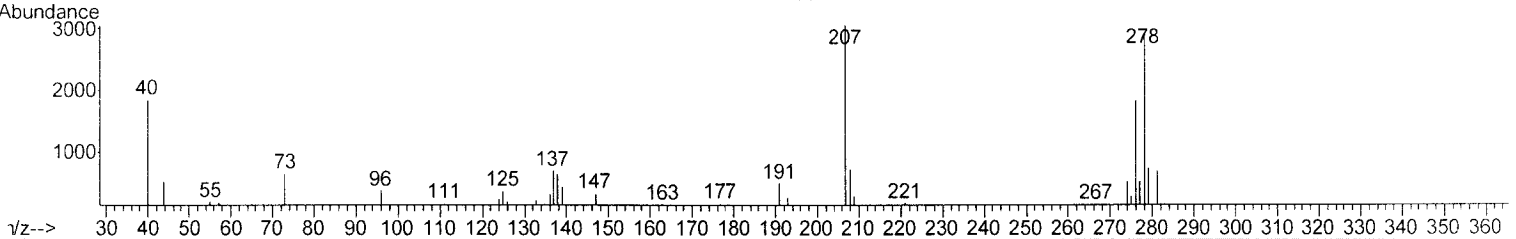
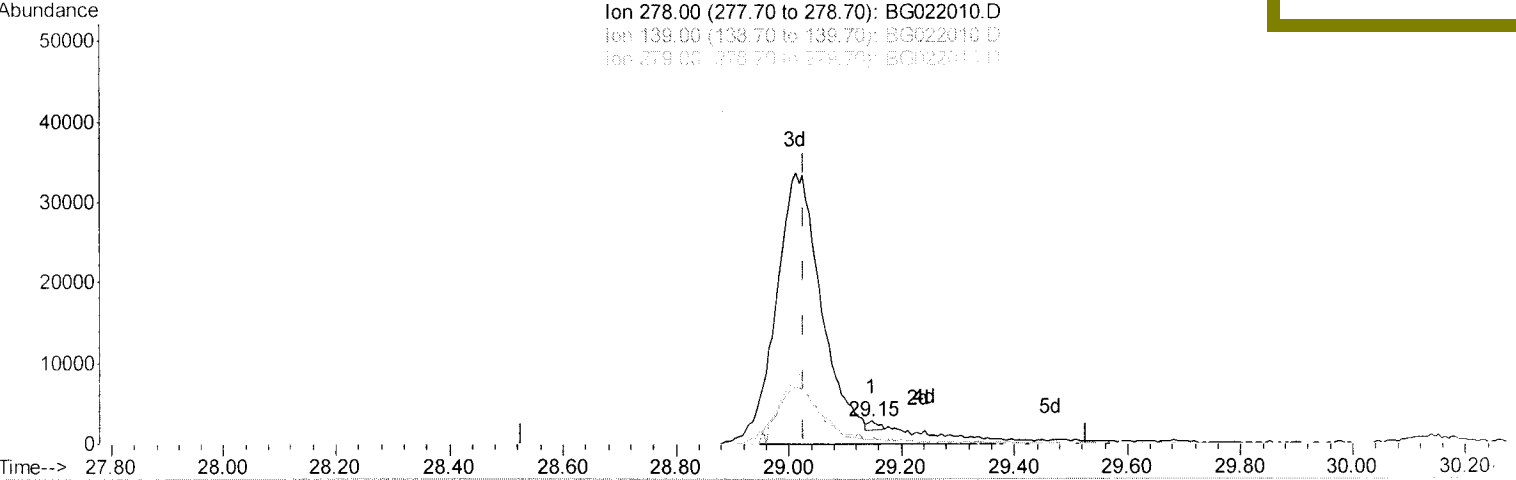
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 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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(40) Dibenzo(a,h)anthracene
 29.147min (+0.120) 0.15ng/ul
 response 1435

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	15.70
279.00	24.80	25.63
0.00	0.00	0.00

Quantitation Report (Qedit)

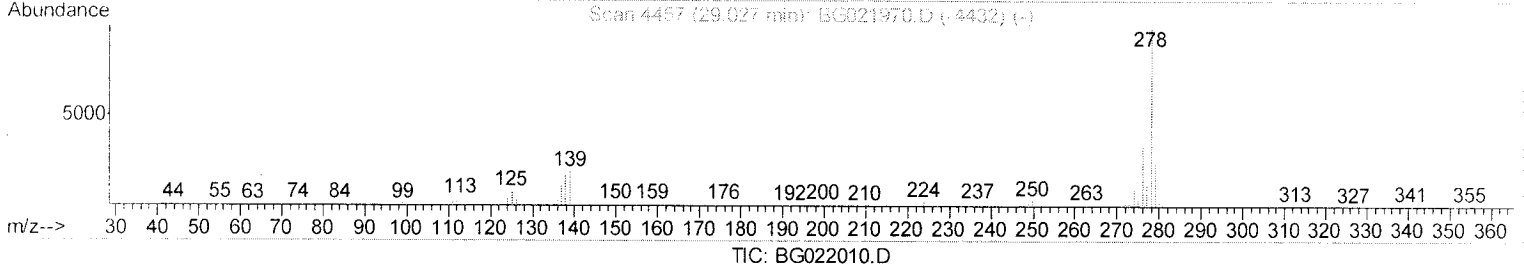
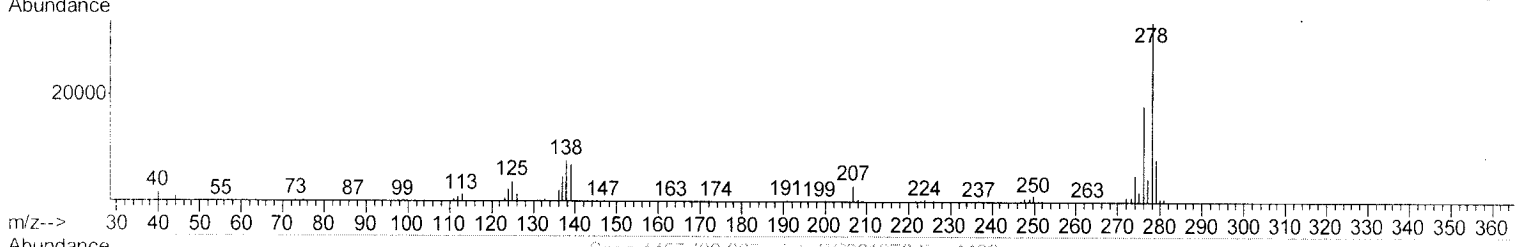
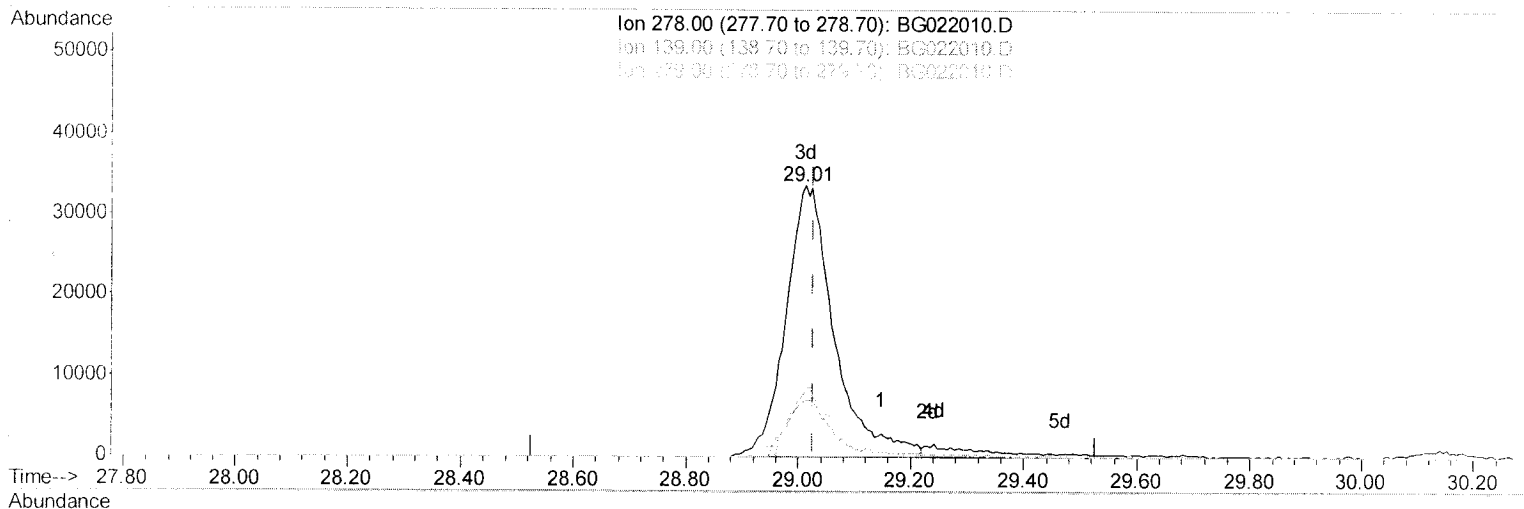
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022010.D
 Acq On : 22 May 2016 13:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(40) Dibenzo(a,h)anthracene

29.012min (-0.015) 21.27ng/ul m

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05/25/16

response 200497

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	20.76#
279.00	24.80	24.50
0.00	0.00	0.00

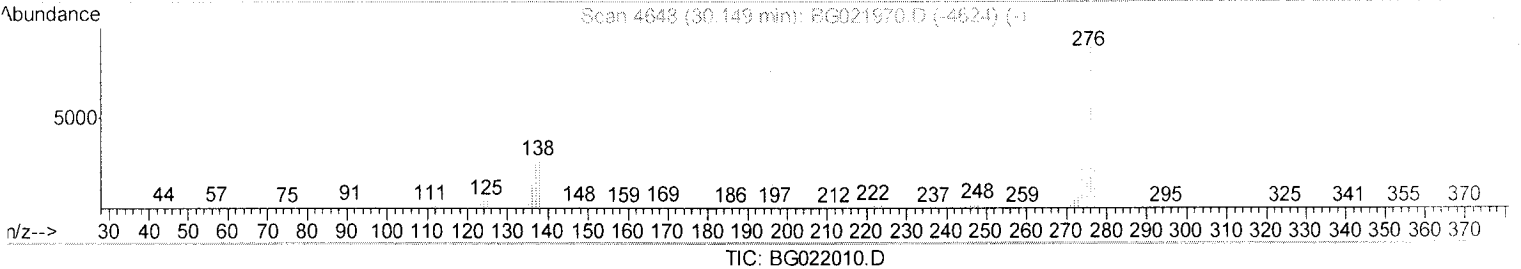
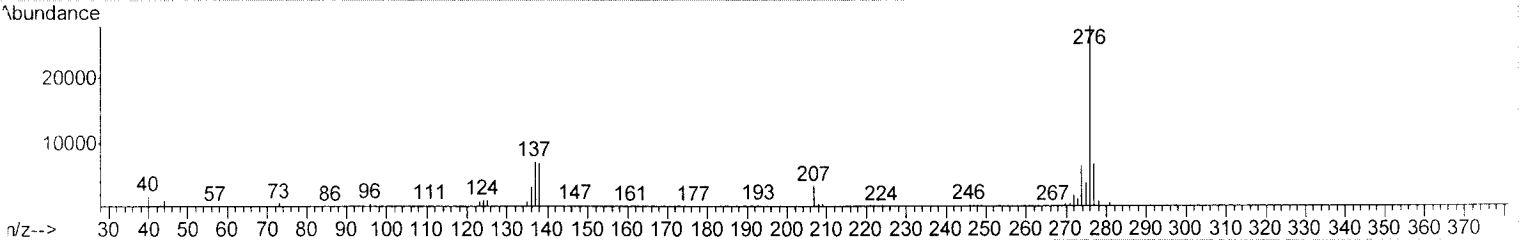
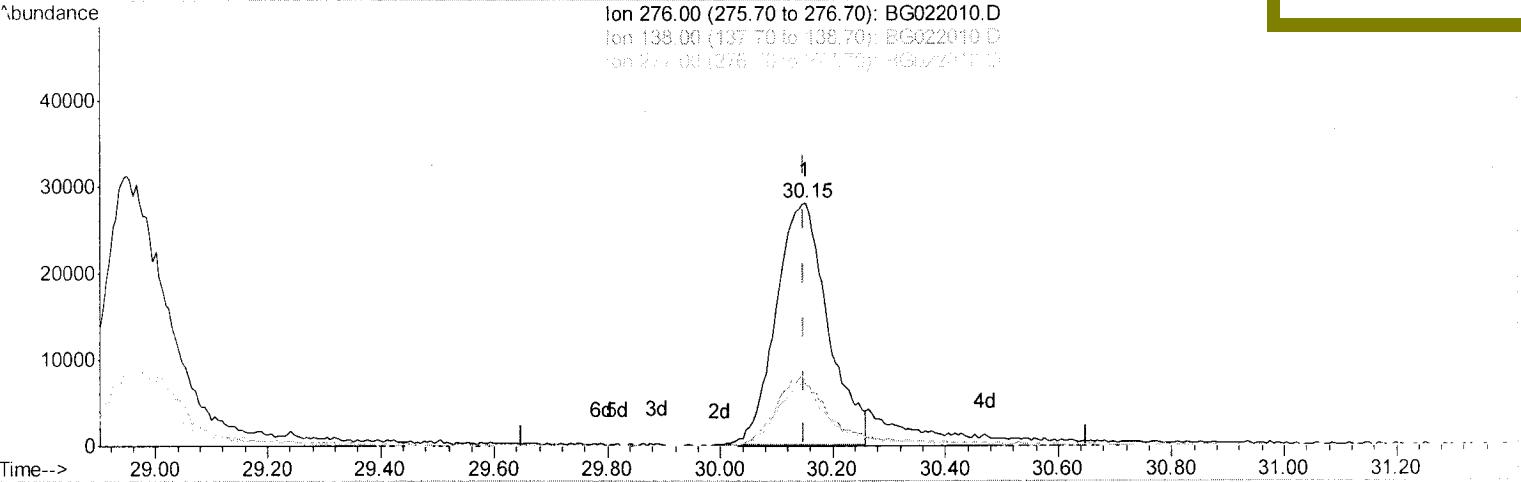
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Instrument :
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Quant Time: May 24 08:41:03 2016
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Manual Integrations
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TIC: BG022010.D

(41) Benzo(g,h,i)perylene

30.152min (+0.003) 18.48ng/ul

response 177963

ion	Exp%	Act%
276.00	100	100
138.00	17.40	24.71#
277.00	24.70	23.65
0.00	0.00	0.00

Quantitation Report (Qedit)

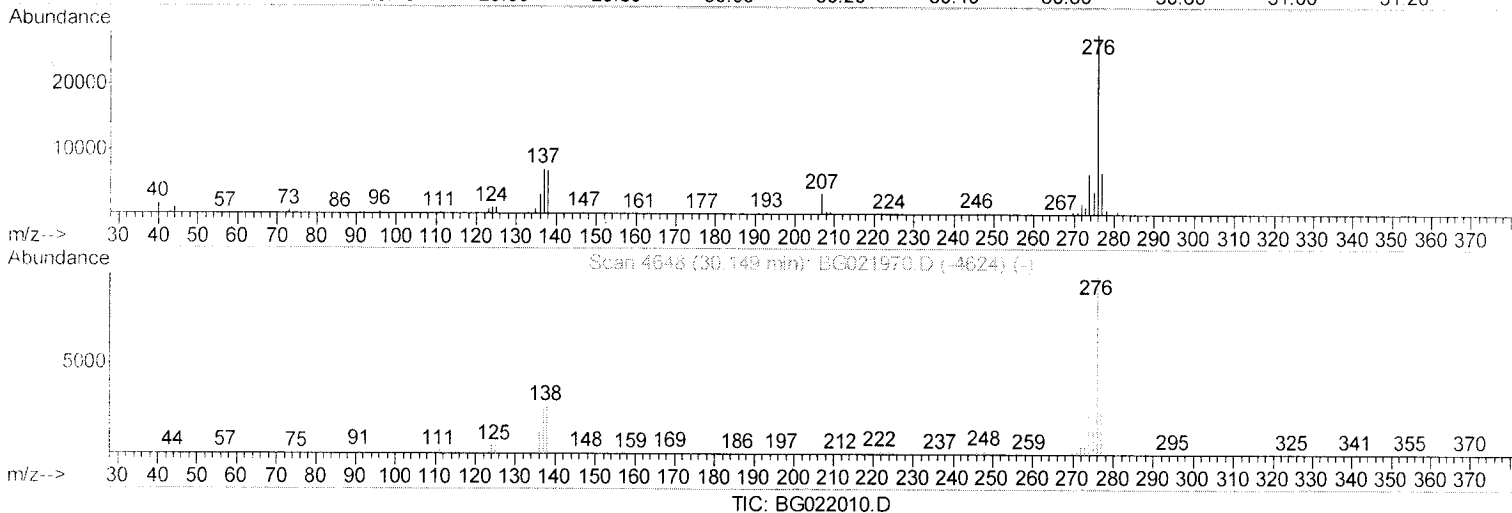
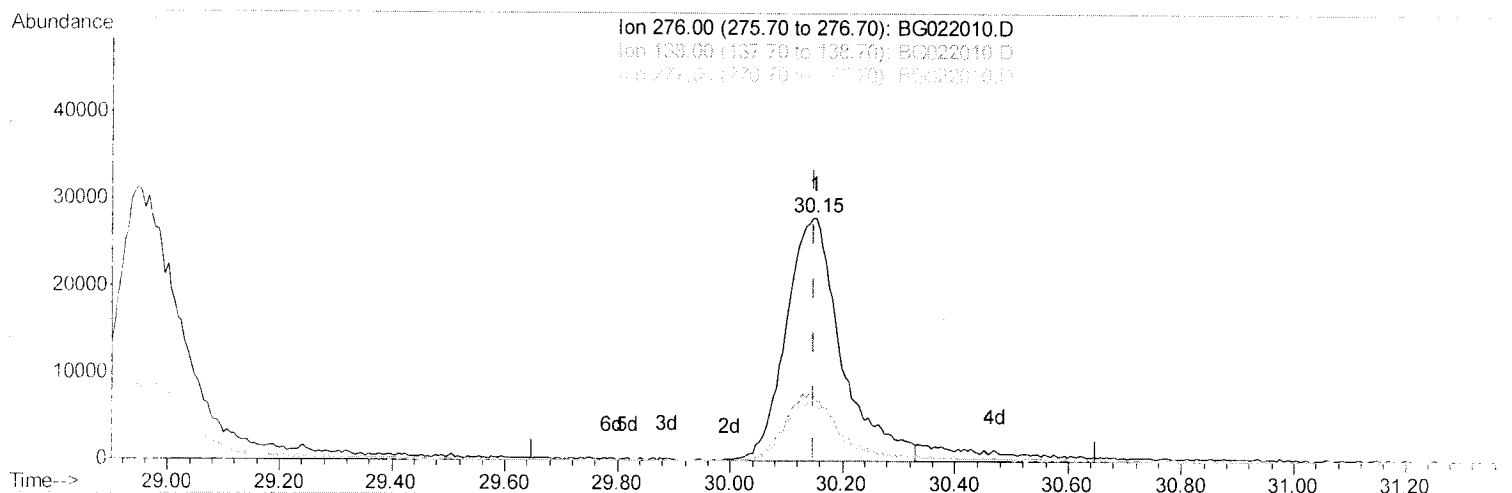
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022010.D
 Acq On : 22 May 2016 13:22
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
 SSTD02010

Manual Integrations
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Quant Time: May 24 08:41:03 2016
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 Response via : Initial Calibration



(41) Benzo(g,h,i)perylene

30.152min (+0.003) 19.99ng/ul m

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05/25/16

response 192449

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	24.71#
277.00	24.70	23.65
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34242	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	179630	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	100593	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	210247	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	195694	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	182148	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.54	96	6121	8.20	ng/uL	0.00
3) Phenol-d5	7.31	99	63048	20.85	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	33643	20.89	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	54508	21.96	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	53351	19.81	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	27539	21.85	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	27441	20.41	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	51839	21.81	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	62551	33.42	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	155013	19.99	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	216604	21.68	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	25946m	19.02	ng/ul	0.00
21) Fluorene-d10	15.77	176	143103	20.50	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	19290	18.49	ng/ul	0.00
26) Anthracene-d10	17.63	188	206893	21.36	ng/ul	0.00
30) Pyrene-d10	19.91	212	216878	21.00	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	176703	21.84	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Naphthalene	11.03	128	186175	21.31	ng/ul	99
13) 2-Methylnaphthalene	12.63	142	133361	21.06	ng/ul	97
14) 1-Methylnaphthalene	12.84	142	135043	20.84	ng/ul#	97
18) Acenaphthylene	14.51	152	221460	21.29	ng/ul	98
19) Acenaphthene	14.85	153	150594	21.08	ng/ul	96
22) Fluorene	15.83	166	164849	20.84	ng/ul	97
25) Phenanthrene	17.57	178	243652	21.68	ng/ul	98
27) Anthracene	17.66	178	244431	21.64	ng/ul	99
28) Fluoranthene	19.57	202	267640	22.92	ng/ul#	94
31) Pyrene	19.93	202	273997m	20.33	ng/ul	94
32) Benzo(a)anthracene	21.79	228	233780	21.54	ng/ul	97
33) Chrysene	21.86	228	219492	20.78	ng/ul	99
35) Benzo(b)fluoranthene	24.08	252	227439	21.72	ng/ul#	96
36) Benzo(k)fluoranthene	24.15	252	214739	20.85	ng/ul#	96
38) Benzo(a)pyrene	24.98	252	217682	21.74	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.95	276	232227	20.40	ng/ul#	90
40) Dibenzo(a,h)anthracene	29.01	278	200497m	21.27	ng/ul	90
41) Benzo(g,h,i)perylene	30.15	276	192449m	19.99	ng/ul	90

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