

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
 Data File : BG025039.D
 Acq On : 9 Dec 2016 16:05
 Operator : UM/SJ
 Sample : H5863-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y8MSD

Manual Integrations
 APPROVED

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Quant Time: Dec 12 02:29:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	29.30	278	154665m>	4.10	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	420148m>	11.24	ng/ul	

y MP
 12/13/2016

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	88369	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	362120	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	298351	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	612553	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	727666	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	755954	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	8911	5.21	ng/uL	0.00
5) Phenol-d5	7.39	99	193732	25.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	134665	28.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	152865	28.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	148190	23.26	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	86174	33.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	104301	32.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	183982	29.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	82046	13.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	670352	32.66	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	717790	31.93	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	66896	18.97	ng/ul	0.01
57) Fluorene-d10	15.85	176	603817	31.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	115636	30.53	ng/ul	0.00
70) Anthracene-d10	17.71	188	831681	32.17	ng/ul	0.00
76) Pyrene-d10	19.98	212	853750	28.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	885090	28.90	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.42	94	245944	31.43	ng/ul	94
10) 2-Chlorophenol	7.81	128	148716	27.75	ng/ul	87
11) 2-Methylphenol	8.69	108	7126	1.24	ng/ul#	65
15) N-Nitroso-di-n-propylamine	9.04	70	162865	29.08	ng/ul	88
16) 4-Methylphenol	9.01	108	11589	1.81	ng/ul	80
24) 2,4-Dimethylphenol	10.23	107	14534	1.96	ng/ul#	75
28) Naphthalene	11.12	128	22148	1.32	ng/ul#	89
33) 4-Chloro-3-methylphenol	12.33	107	205565	27.94	ng/ul	99
34) 2-Methylnaphthalene	12.72	142	26324	1.98	ng/ul	92
44) Dimethylphthalate	14.30	163	116432	5.77	ng/ul#	96
49) Acenaphthene	14.93	153	471096	31.47	ng/ul	94
52) 4-Nitrophenol	15.08	109	85659	20.19	ng/ul	92
54) 2,4-Dinitrotoluene	15.23	165	205445	31.46	ng/ul#	90
68) Pentachlorophenol	17.25	266	139138	29.74	ng/ul	93
69) Phenanthrene	17.65	178	66441	2.27	ng/ul#	85
74) Fluoranthene	19.64	202	348060	10.02	ng/ul#	98
77) Pyrene	20.01	202	1317022	37.65	ng/ul	98
80) Benzo(a)anthracene	21.89	228	306202m	8.10	ng/ul	
82) Chrysene	21.95	228	501215	14.17	ng/ul	95
85) Benzo(b)fluoranthene	24.23	252	1051302	28.05	ng/ul#	98
86) Benzo(k)fluoranthene	24.30	252	260588	7.31	ng/ul#	99
88) Benzo(a)pyrene	25.17	252	417375	11.58	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.24	276	527430m	11.77	ng/ul	

M.P
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M.D
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Quantitation Report (Qedit)

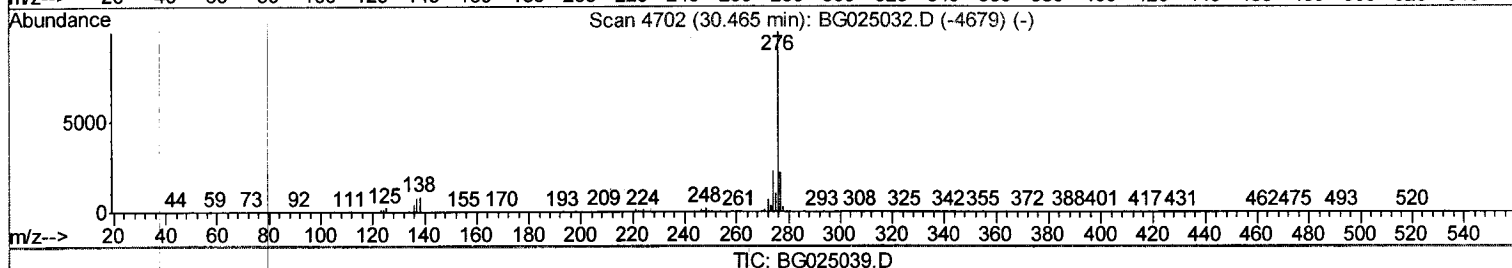
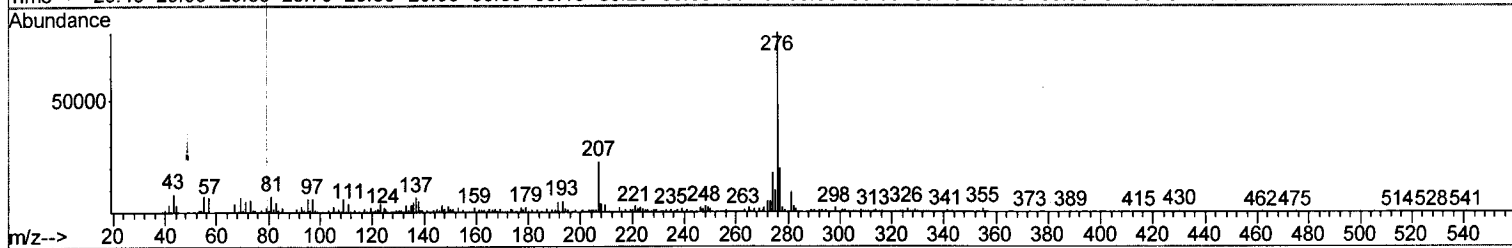
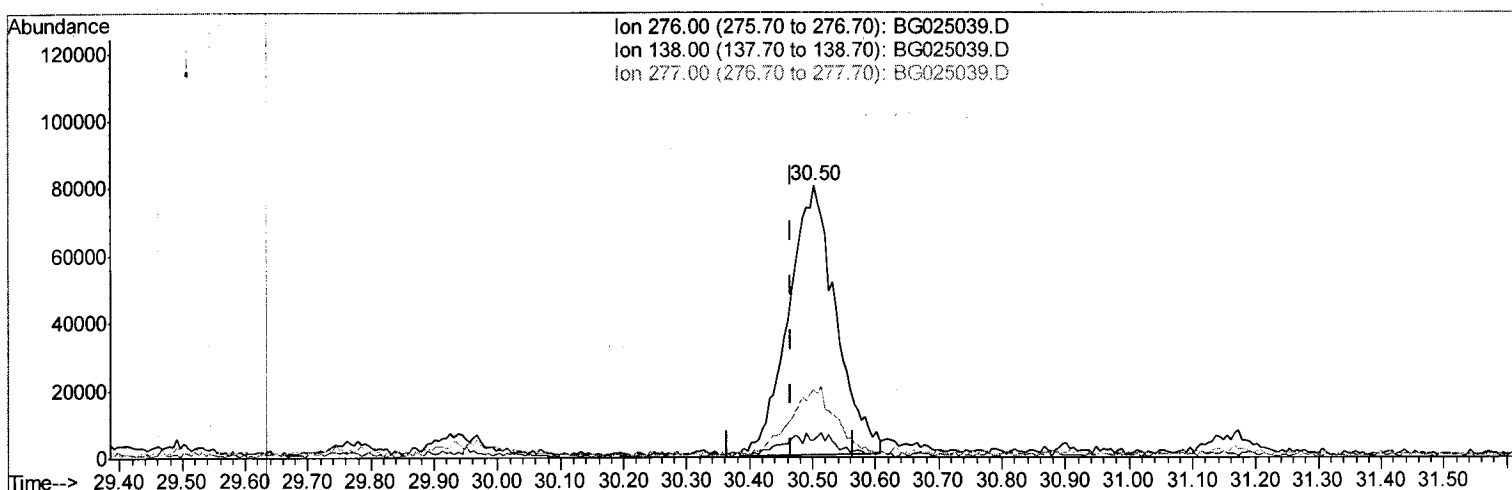
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(91) Benzo(g,h,i)perylene

30.502min (+0.036) 11.24ng/ul m

response 420148

> M.D
 12/13/2016

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	6.48#
277.00	22.00	25.10
0.00	0.00	0.00

Quantitation Report (Qedit)

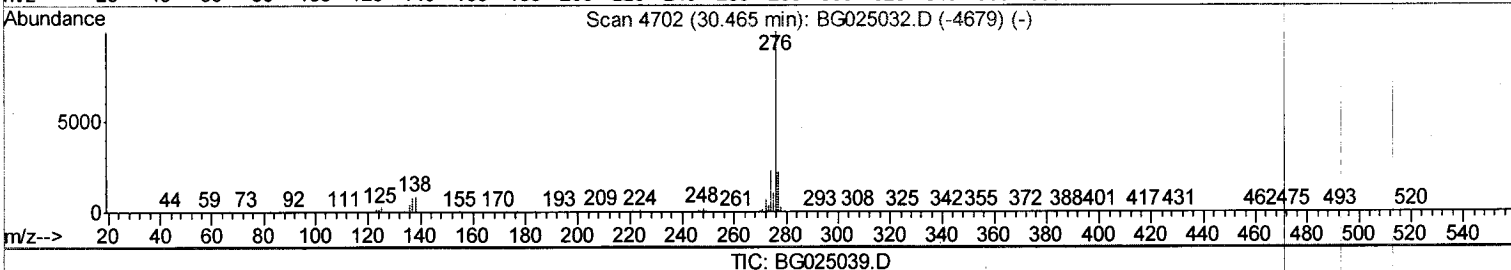
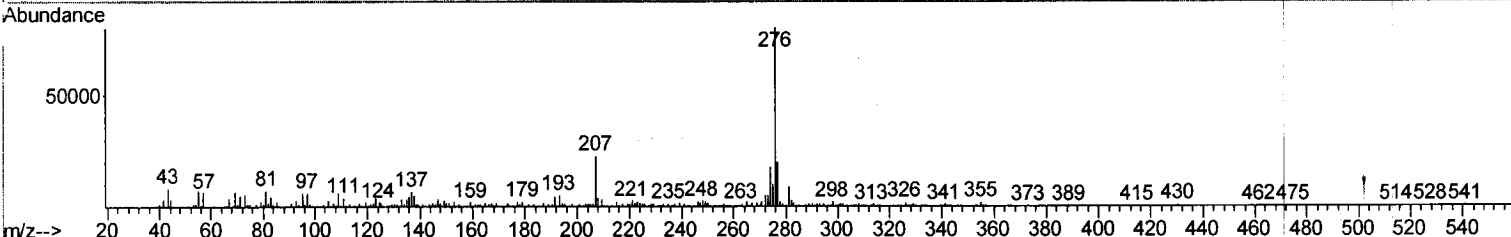
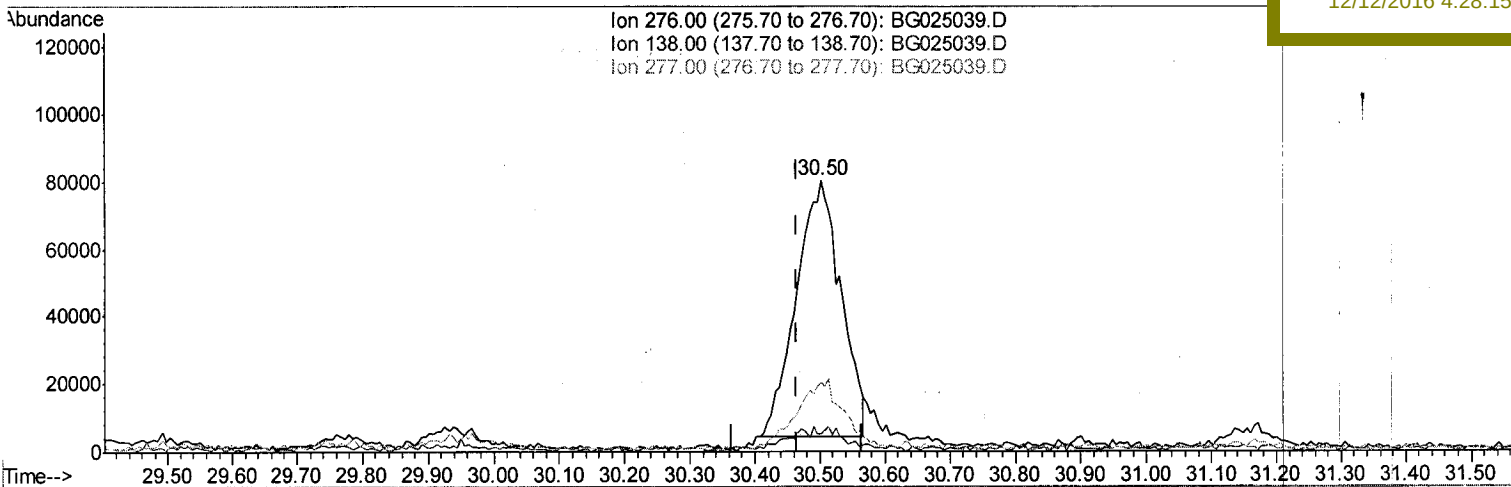
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Sohil
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(91) Benzo(g,h,i)perylene

30.502min (+0.036) 9.68ng/ul

response 361790

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	6.48#
277.00	22.00	25.10
0.00	0.00	0.00

Quantitation Report (Qedit)

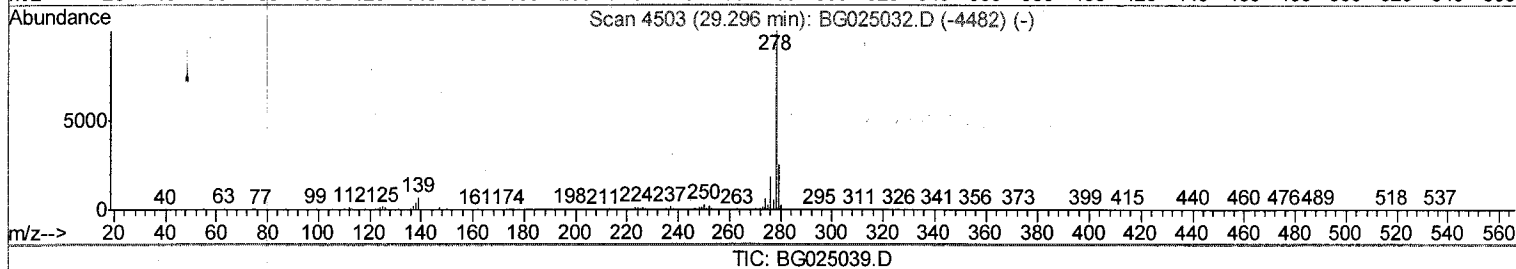
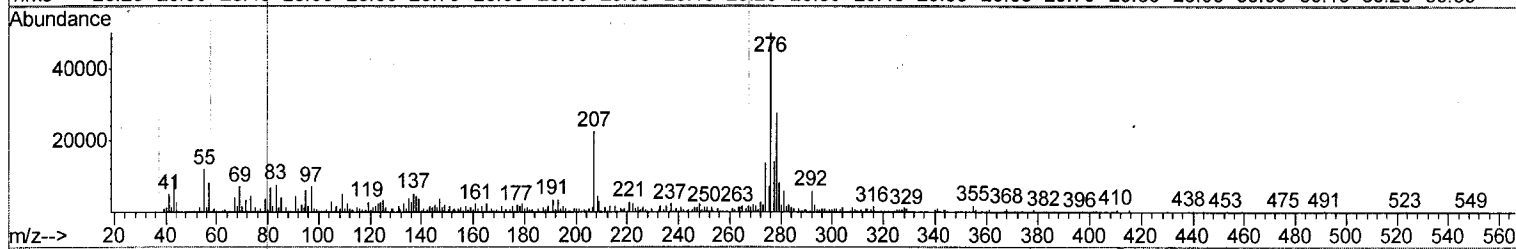
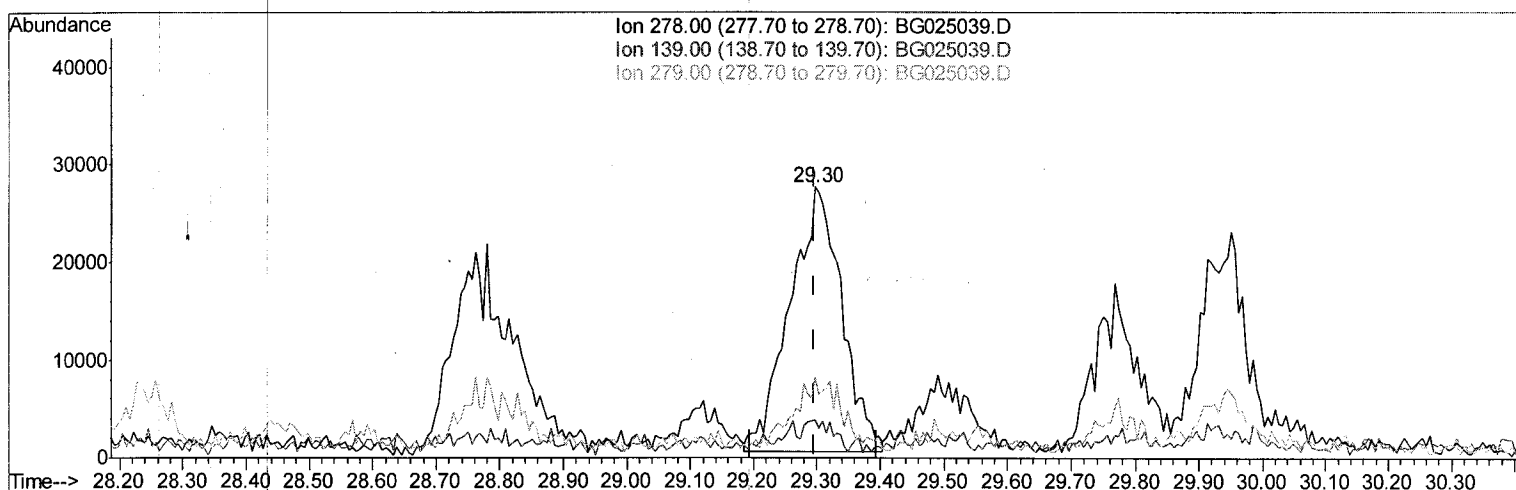
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(90) Dibenzo(a,h)anthracene

29.297min (+0.001) 4.10ng/ul m

response 154665

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	14.22#
279.00	26.10	29.76
0.00	0.00	0.00

> M.P
 12/13/2016

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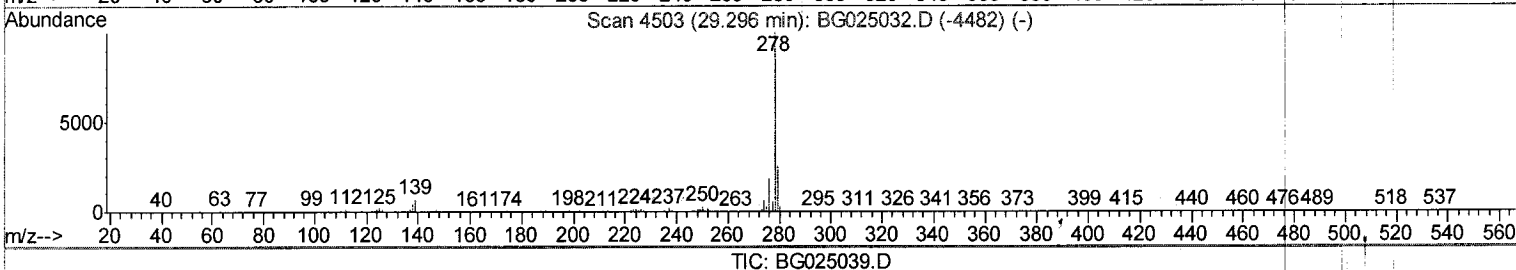
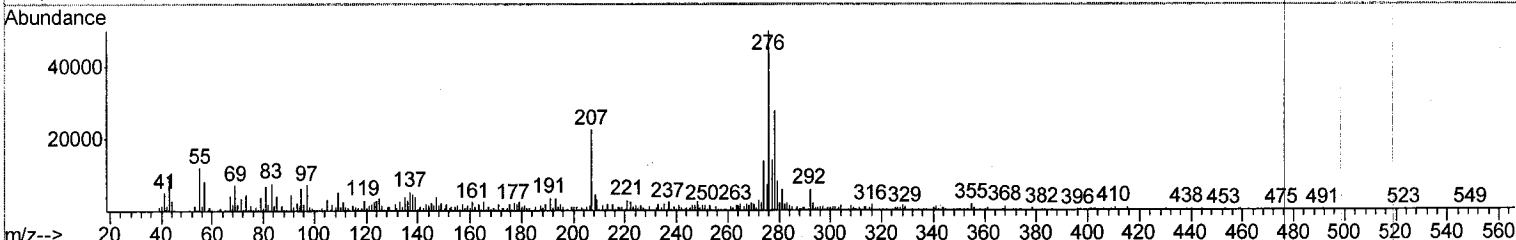
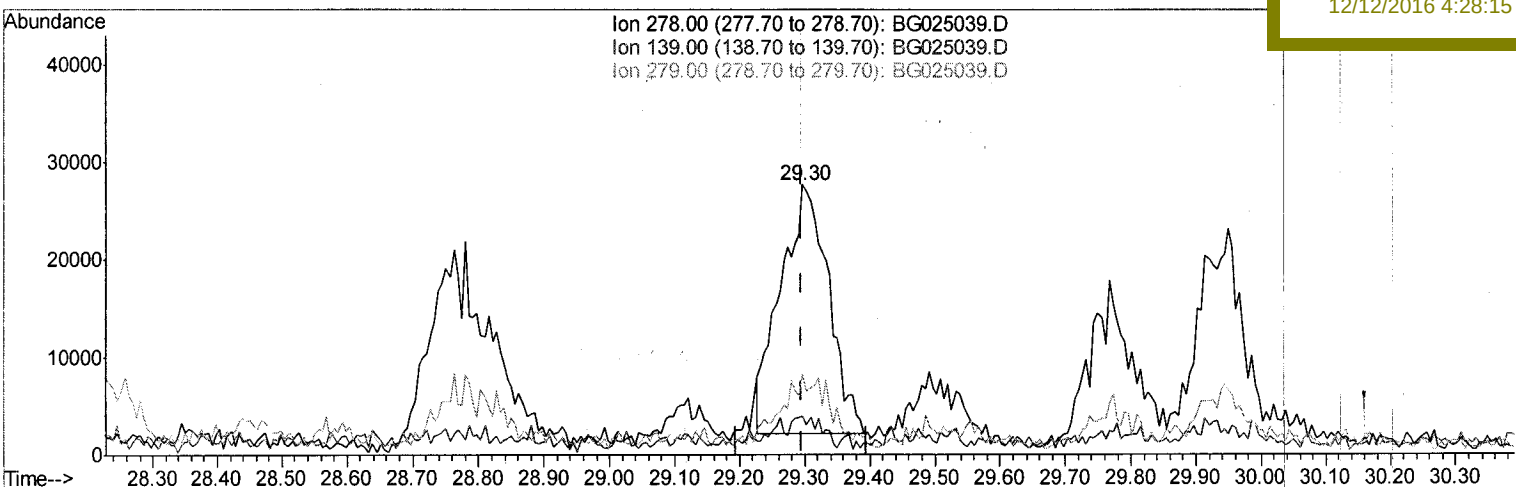
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(90) Dibenzo(a,h)anthracene

29.297min (+0.001) 3.45ng/ul

response 130060

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	16.20#
279.00	26.10	29.76
0.00	0.00	0.00

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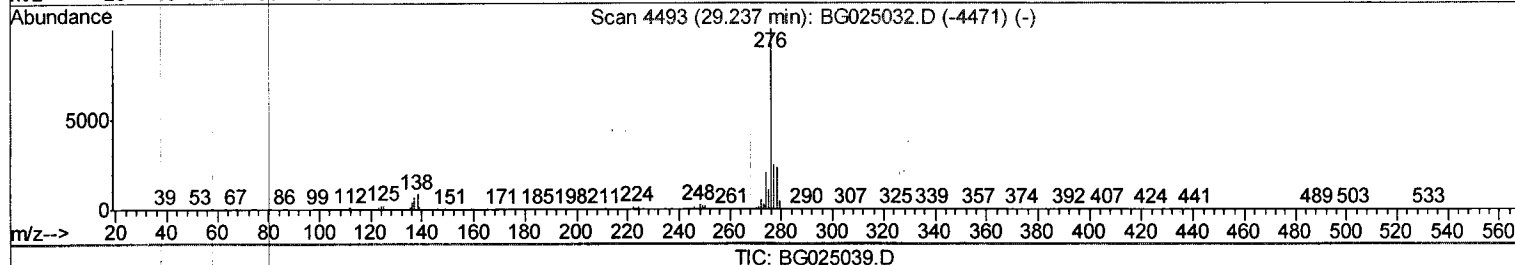
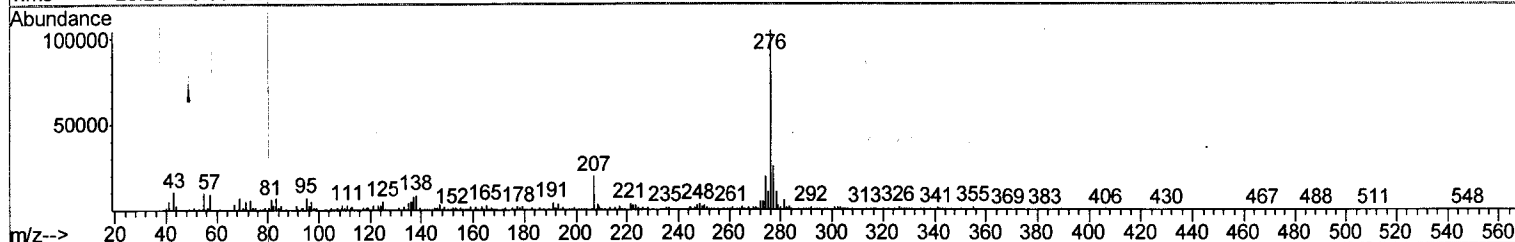
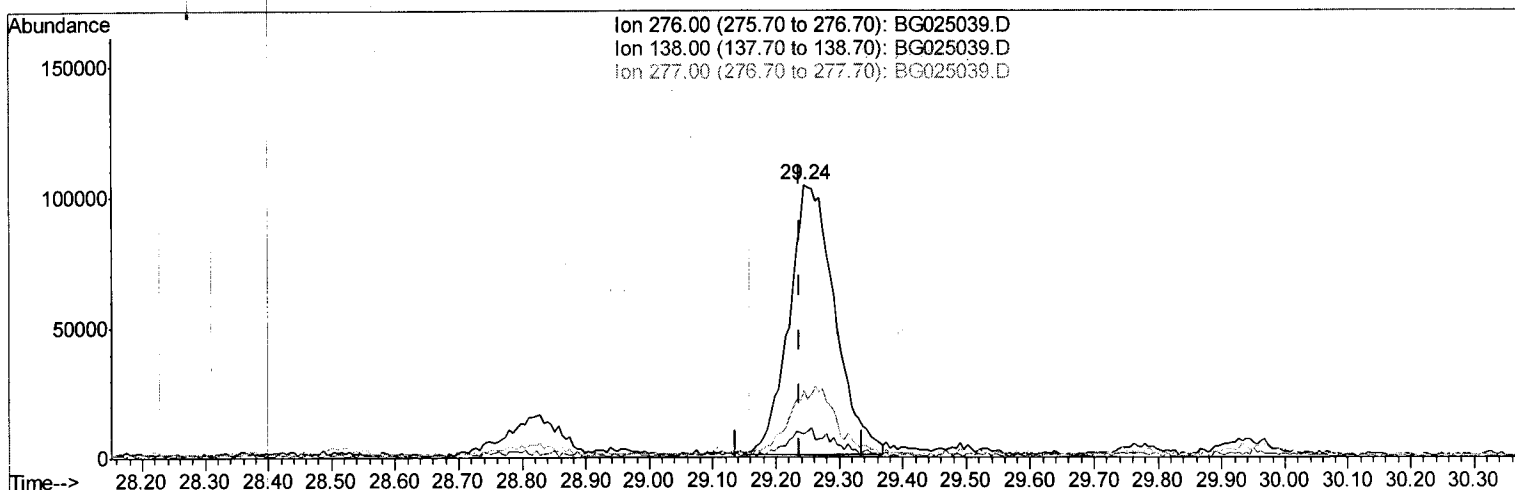
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(89) Indeno(1,2,3-cd)pyrene

29.244min (+0.007) 11.77ng/ul m

response 527430

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	8.66
277.00	23.30	24.47
0.00	0.00	0.00

M.D
 12/13/2016

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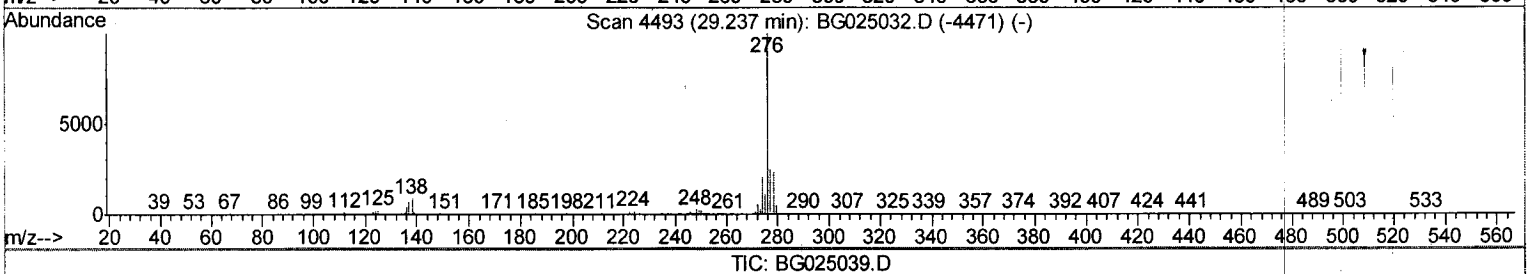
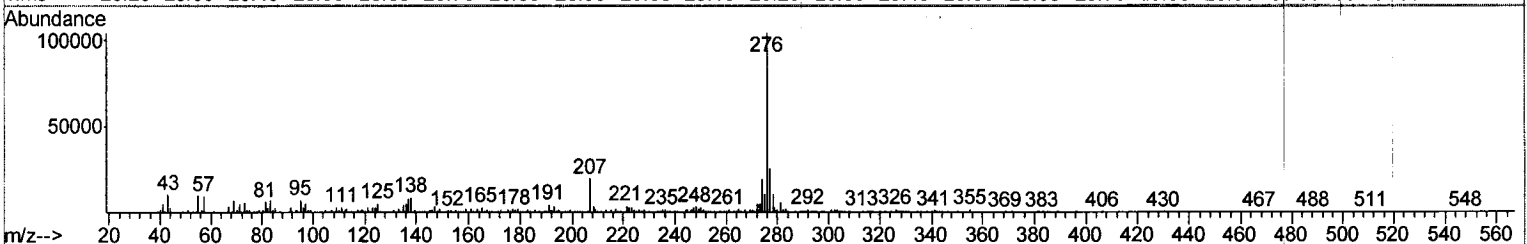
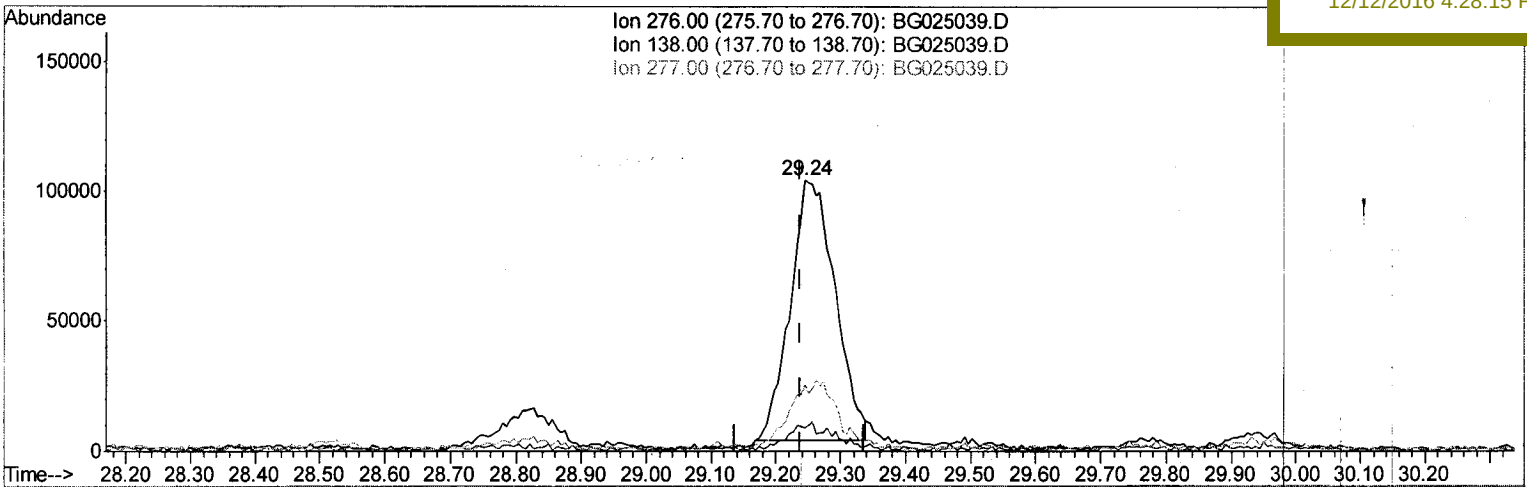
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(89) Indeno(1,2,3-cd)pyrene

29.244min (+0.007) 10.67ng/ul

response 478013

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	8.66
277.00	23.30	24.47
0.00	0.00	0.00

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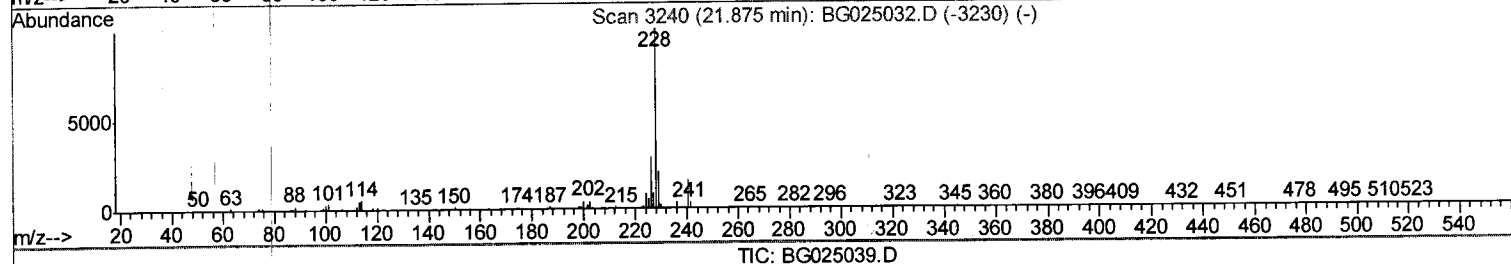
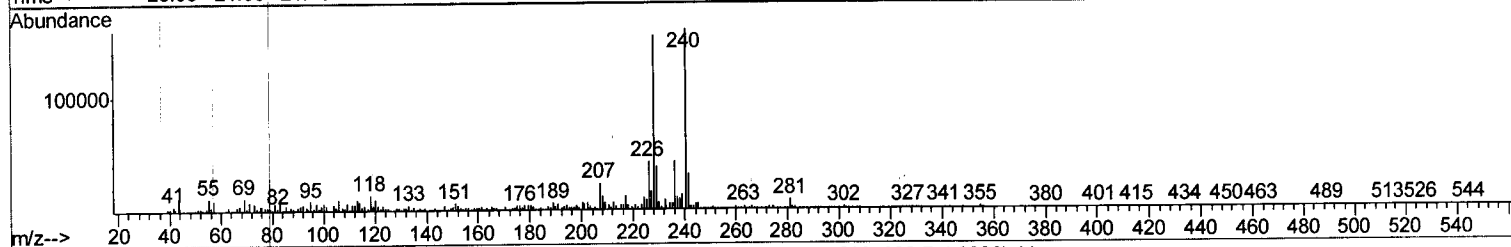
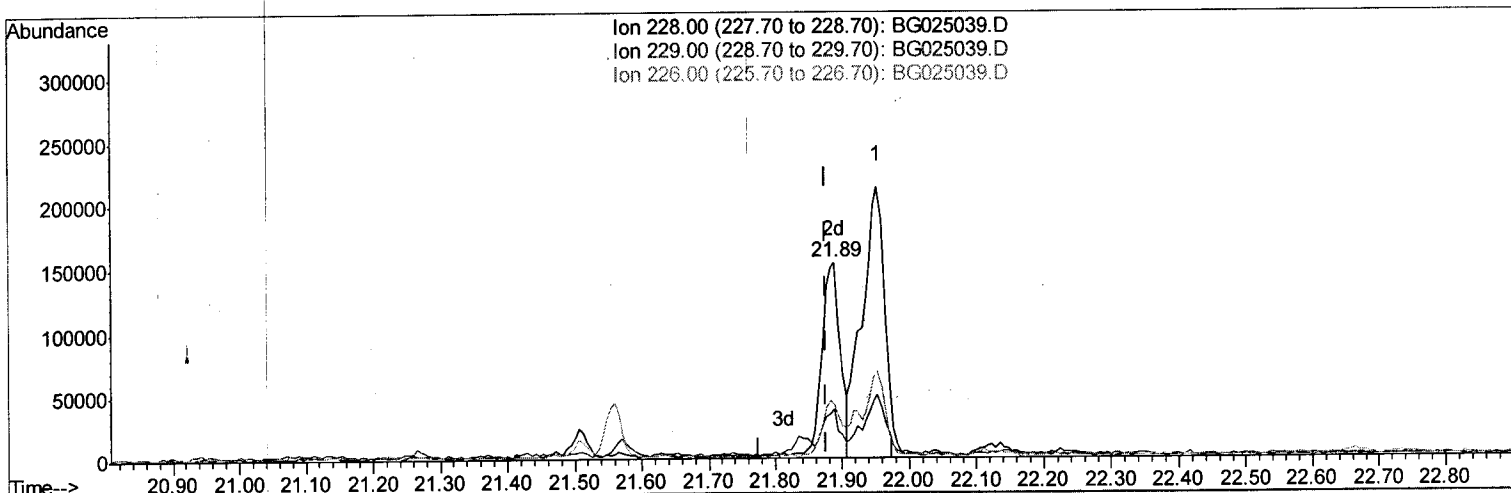
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(80) Benzo(a)anthracene

21.888min (+0.013) 8.10ng/ul m

response 306202

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	25.09#
226.00	27.40	27.56
0.00	0.00	0.00

M.D
 12/13/2016

Quantitation Report (Qedit)

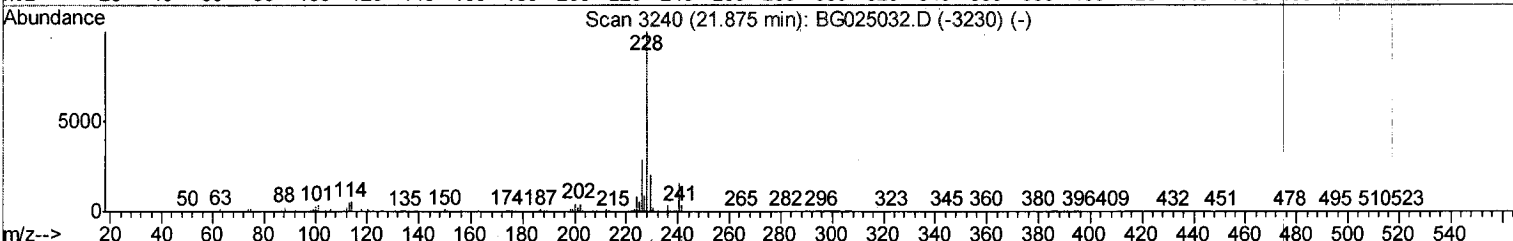
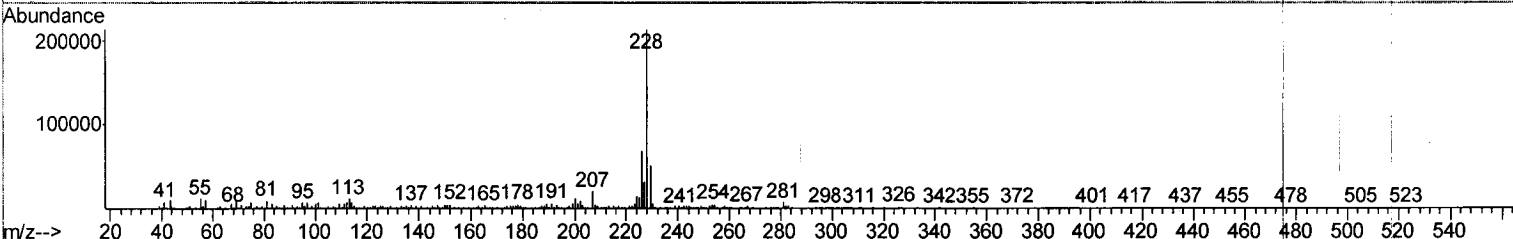
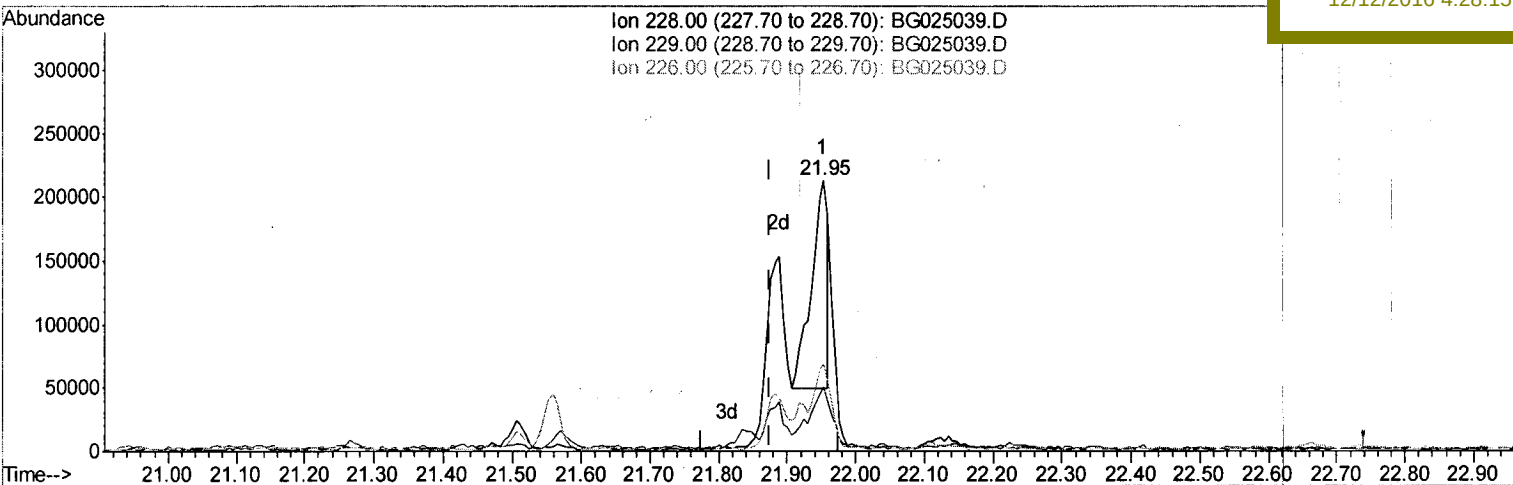
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TIC: BG025039.D

(80) Benzo(a)anthracene
 21.953min (+0.078) 7.22ng/ul
 response 273140

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	23.87
226.00	27.40	32.22
0.00	0.00	0.00

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