Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025032.D
Acq On : 9 Dec 2016 8:56
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 23:55:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 10 06:05:39 2016
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02022

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	112784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	491243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	413289	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	924955	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1181014	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1238148	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	15518	7.11	ng/uL	0.00
5) Phenol-d5	7.39	99	193313	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	118414	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	136695	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	159722	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	73324	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	85907	19.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	176615	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	191008	23.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	559933	19.70	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	639010	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	95795	19.61	ng/ul	0.00
57) Fluorene-d10	15.85	176	538693	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	117081	20.47	ng/ul	0.00
70) Anthracene-d10	17.70	188	814705	20.87	ng/ul	0.00
76) Pyrene-d10	19.98	212	984630	20.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1043198	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	19747	6.94	ng/uL#	84
4) Benzaldehyde	7.37	77	148978	20.34	ng/ul	92
6) Phenol	7.41	94	197355	19.76	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.65	93	137853	18.86	ng/ul	89
10) 2-Chlorophenol	7.80	128	142541	20.84	ng/ul#	86
11) 2-Methylphenol	8.67	108	150485	20.47	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.76	45	245543	19.76	ng/ul	96
14) Acetophenone	9.07	105	246018	19.88	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.04	70	134724	18.85	ng/ul#	87
16) 4-Methylphenol	9.00	108	163484	19.98	ng/ul	98
17) Hexachloroethane	9.33	117	63321	20.90	ng/ul#	85
20) Nitrobenzene	9.46	77	213557	19.98	ng/ul#	96
21) Isophorone	9.98	82	371212	18.35	ng/ul	97
23) 2-Nitrophenol	10.18	139	93934	21.35	ng/ul#	88
24) 2,4-Dimethylphenol	10.22	107	204304	20.31	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.45	93	196189	19.03	ng/ul	91
27) 2,4-Dichlorophenol	10.71	162	171893	21.23	ng/ul	91
28) Naphthalene	11.12	128	451925	19.79	ng/ul	97
30) 4-Chloroaniline	11.23	127	194954	23.27	ng/ul	97
31) Hexachlorobutadiene	11.39	225	140521	20.19	ng/ul#	84
32) Caprolactam	11.99	113	60801	18.08	ng/ul	98
33) 4-Chloro-3-methylphenol	12.33	107	203686	20.41	ng/ul	99
34) 2-Methylnaphthalene	12.70	142	360459	20.00	ng/ul	99

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Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTD02022

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	259237	20.81	ng/ul#	90
37) Hexachlorocyclopentadiene	13.04	237	123165	16.84	ng/ul	93
38) 2,4,6-Trichlorophenol	13.30	196	168968	21.59	ng/ul	98
39) 2,4,5-Trichlorophenol	13.37	196	183830	21.43	ng/ul	92
40) 1,1'-Biphenyl	13.70	154	499780	19.95	ng/ul	98
41) 2-Chloronaphthalene	13.75	162	408329	20.47	ng/ul	98
42) 2-Nitroaniline	13.96	65	166123	21.28	ng/ul	95
44) Dimethylphthalate	14.30	163	542534	19.42	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	120022	19.99	ng/ul#	93
47) Acenaphthylene	14.59	152	613274	20.26	ng/ul	98
48) 3-Nitroaniline	14.77	138	116277	22.37	ng/ul#	98
49) Acenaphthene	14.92	153	427693	20.62	ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	80275	20.58	ng/ul#	75
52) 4-Nitrophenol	15.07	109	123174	20.96	ng/ul	99
53) Dibenzofuran	15.26	168	670779	20.45	ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	182109	20.13	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.48	232	184980	20.41	ng/ul	92
56) Diethylphthalate	15.65	149	555453	18.78	ng/ul	96
58) Fluorene	15.91	166	542305	20.31	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.89	204	305351	20.31	ng/ul#	85
60) 4-Nitroaniline	15.93	138	121354	19.35	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.98	198	123003	20.76	ng/ul#	97
64) N-Nitrosodiphenylamine	16.11	169	500853	21.05	ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	234041	22.40	ng/ul	99
66) Hexachlorobenzene	16.90	284	255930	21.76	ng/ul	93
67) Atrazine	17.04	200	236611	20.92	ng/ul	97
68) Pentachlorophenol	17.25	266	150178	21.26	ng/ul	95
69) Phenanthrene	17.65	178	916615	20.76	ng/ul	99
71) Anthracene	17.74	178	944946	20.82	ng/ul	99
72) Carbazole	18.01	167	802085	21.18	ng/ul	97
73) Di-n-butylphthalate	18.53	149	957934	20.04	ng/ul	99
74) Fluoranthene	19.64	202	1141718	21.76	ng/ul	97
77) Pyrene	20.00	202	1145722	20.18	ng/ul#	96
78) Butylbenzylphthalate	20.86	149	448532	20.18	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.78	252	470926	22.87	ng/ul	94
80) Benzo(a)anthracene	21.88	228	1245998	20.31	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	609108	19.91	ng/ul	99
82) Chrysene	21.95	228	1176810	20.50	ng/ul	97
84) Di-n-octyl phthalate	23.00	149	1066716	21.22	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1262116	20.56	ng/ul	99
86) Benzo(k)fluoranthene	24.28	252	1203912	20.63	ng/ul	99
88) Benzo(a)pyrene	25.15	252	1208826	20.48	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.24	276	1516799m	20.67	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	1244737m	20.14	ng/ul	
91) Benzo(g,h,i)perylene	30.47	276	1182136m	19.31	ng/ul	

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

M.D 12/13/2016.

Quantitation Report (Qedit)

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Data File : BG025032.D
Acq On : 9 Dec 2016 8:56
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 23:44:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 10 06:05:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations APPROVED
Sohil
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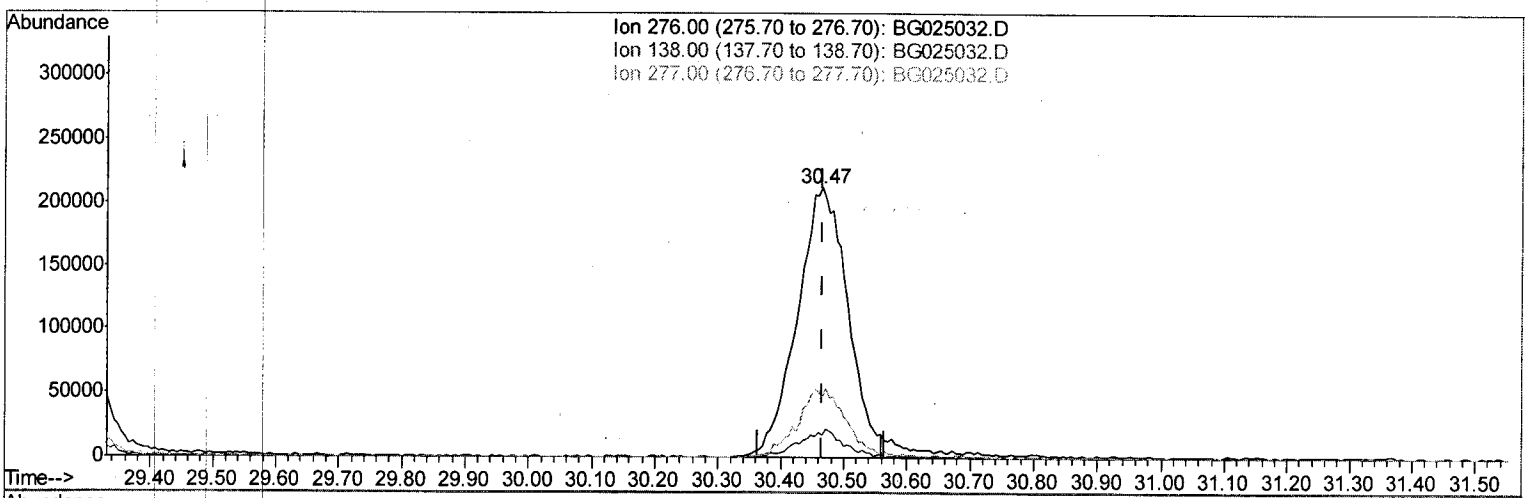

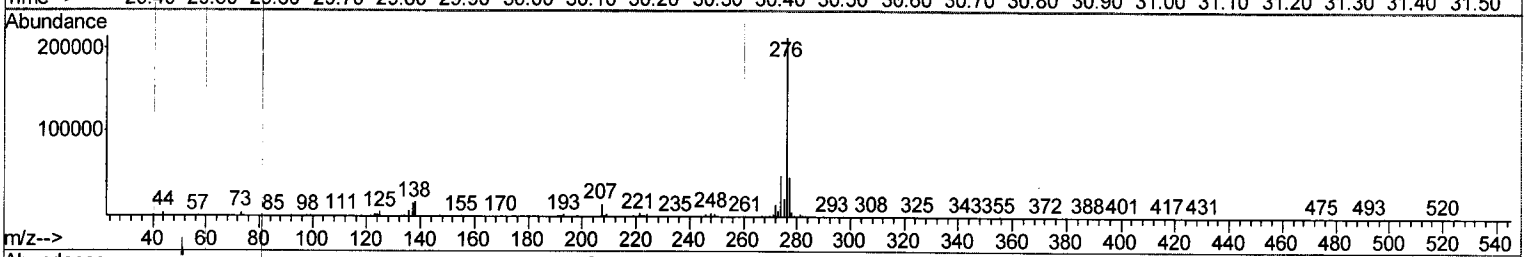

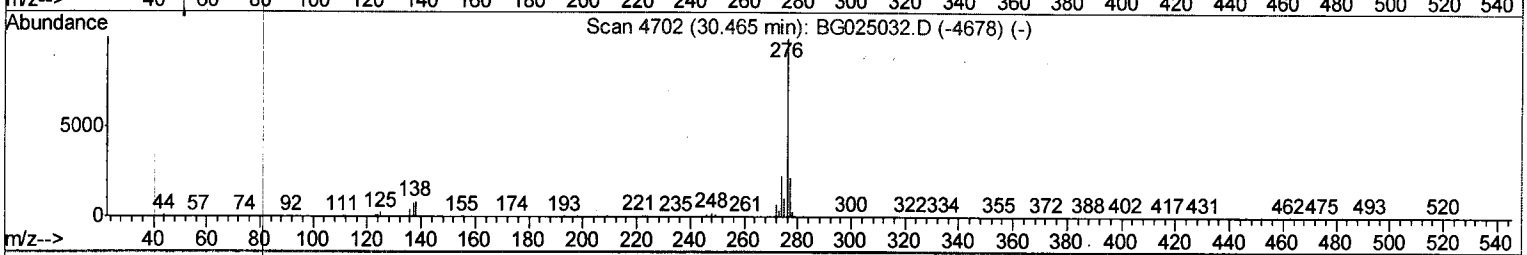

TIC: BG025032.D

(91) Benzo(g,h,i)perylene
30.465min (0.000) 19.31ng/ul m
response 1182136

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.20#
277.00	22.00	22.10
0.00	0.00	0.00

M.D
12/13/2016.

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Manual Integrations APPROVED
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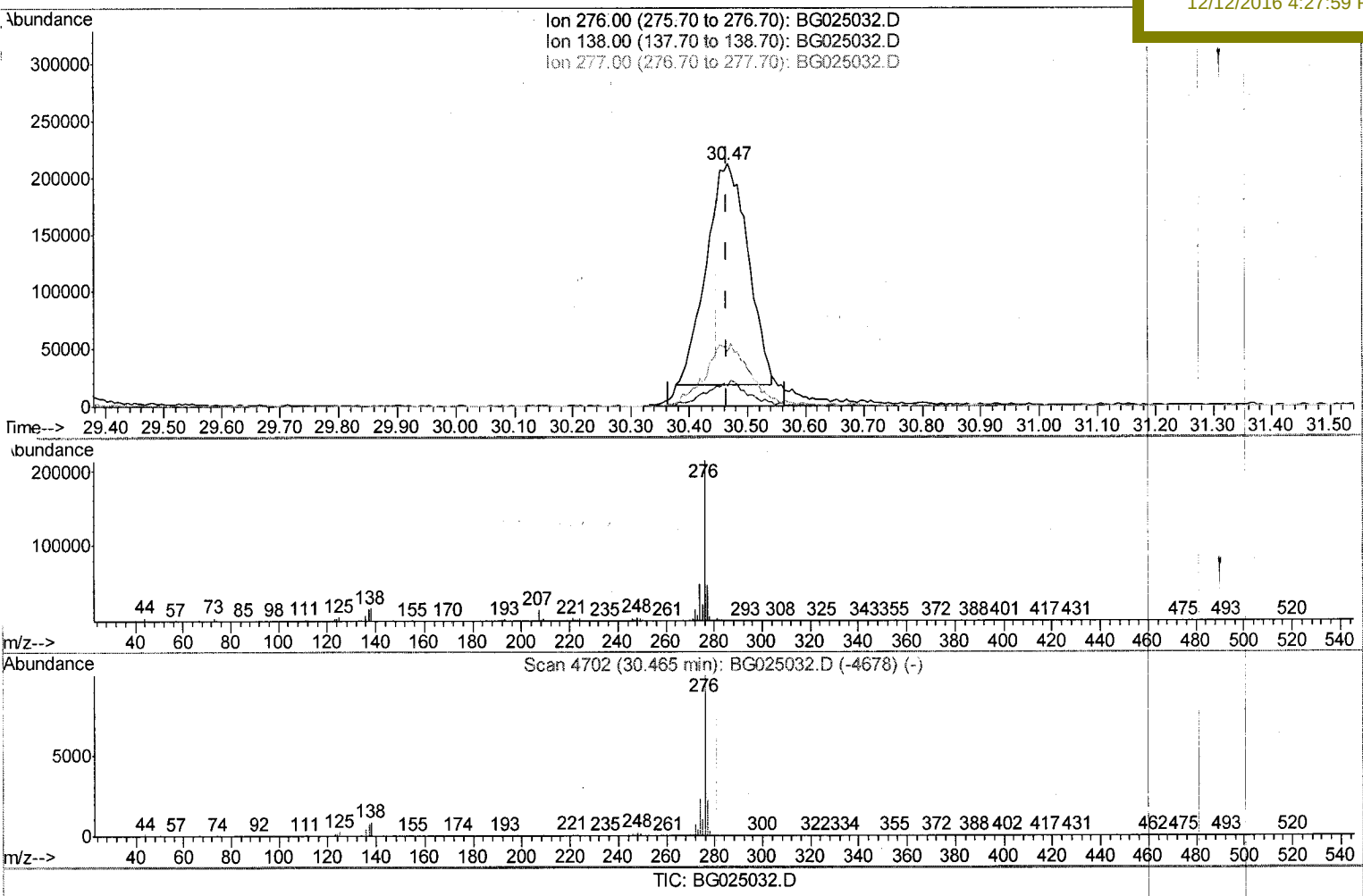
12/12/2016 4:27:59 PM



TIC: BG025032.D

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

30.465min (0.000) 15.74ng/ul

response 963962

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.20#
277.00	22.00	22.10
0.00	0.00	0.00

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Manual Integrations APPROVED
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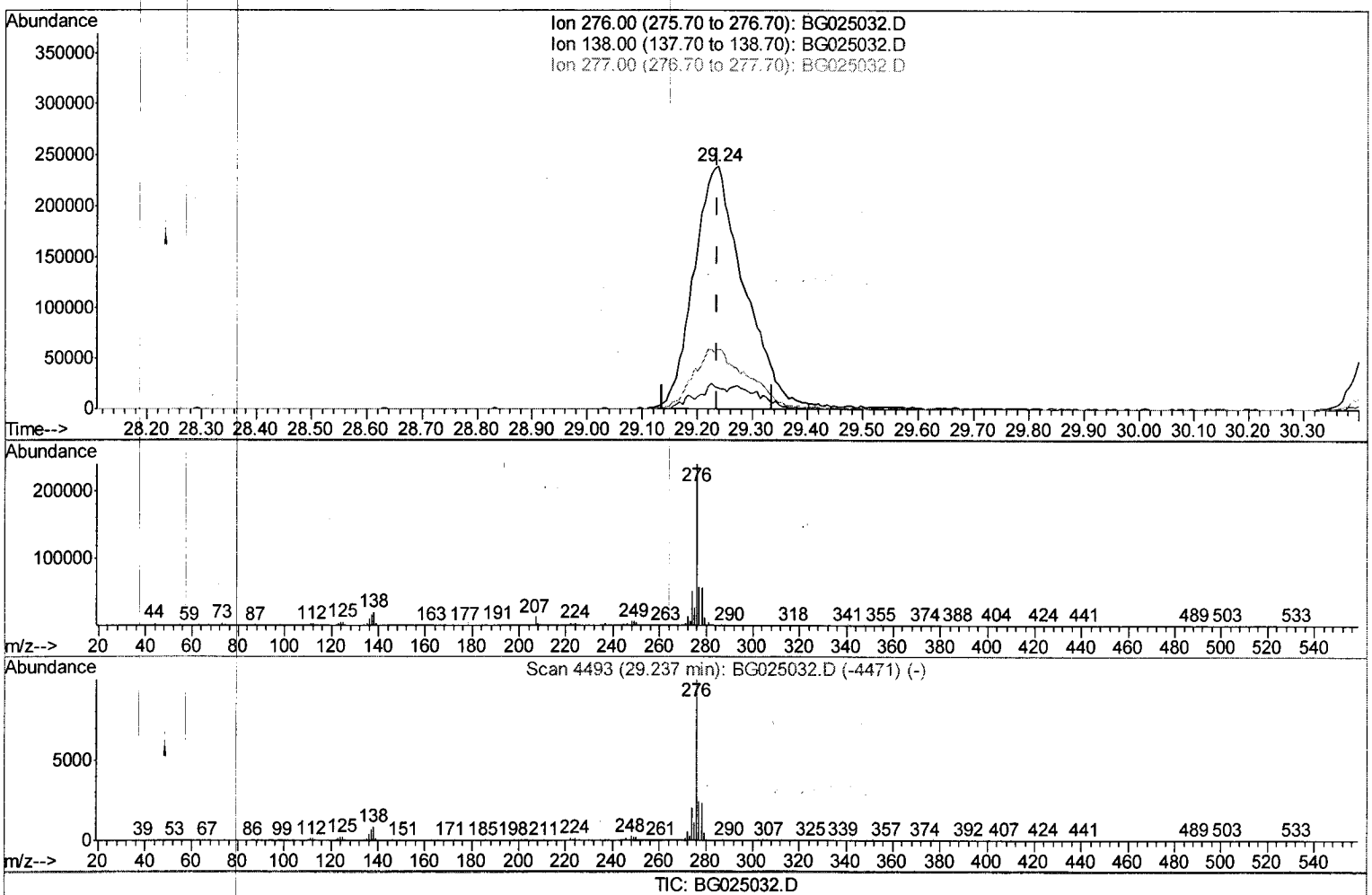
12/12/2016 4:27:59 PM



TIC: BG025032.D

(89) Indeno(1,2,3-cd)pyrene
29.237min (0.000) 20.67ng/ul m
response 1516799

M.D 12/13/2016

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	8.57
277.00	23.30	24.37
0.00	0.00	0.00

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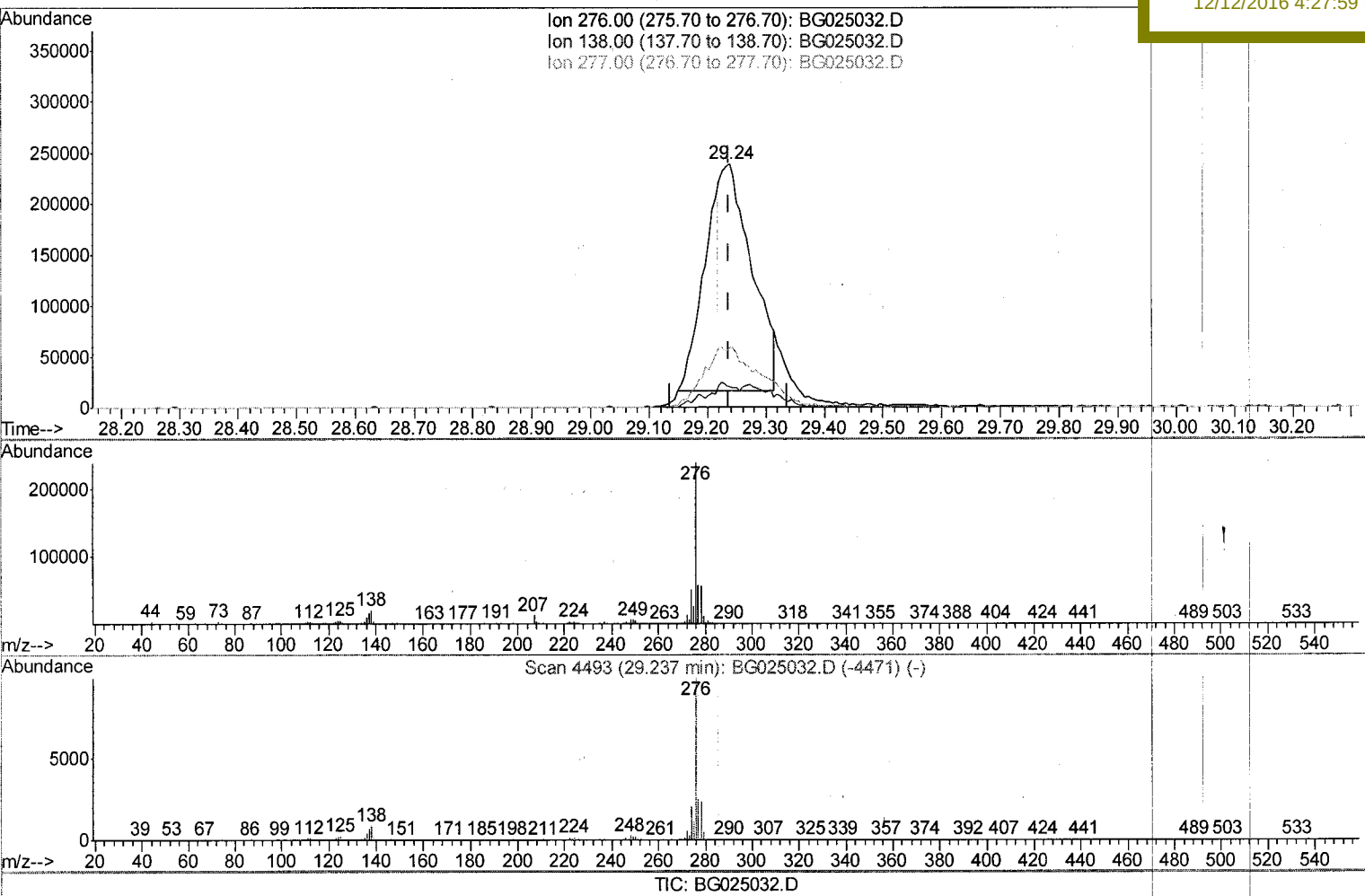

TIC: BG025032.D

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

29.237min (0.000) 16.69ng/ul

response 1224223

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	8.57
277.00	23.30	24.37
0.00	0.00	0.00

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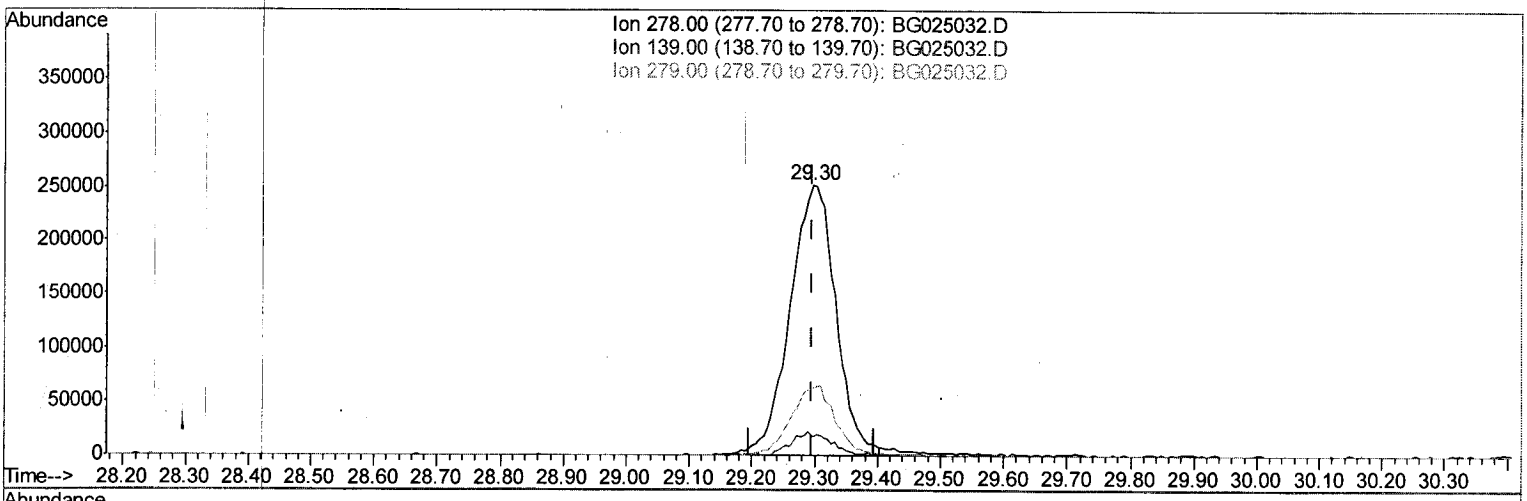

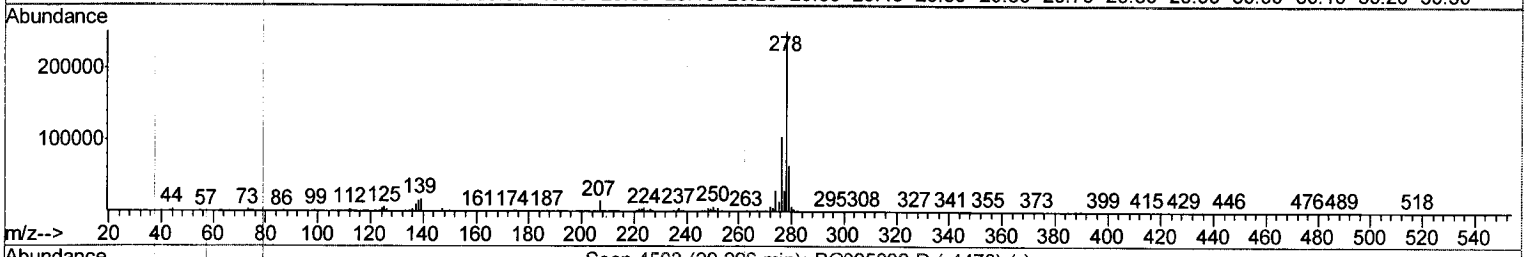

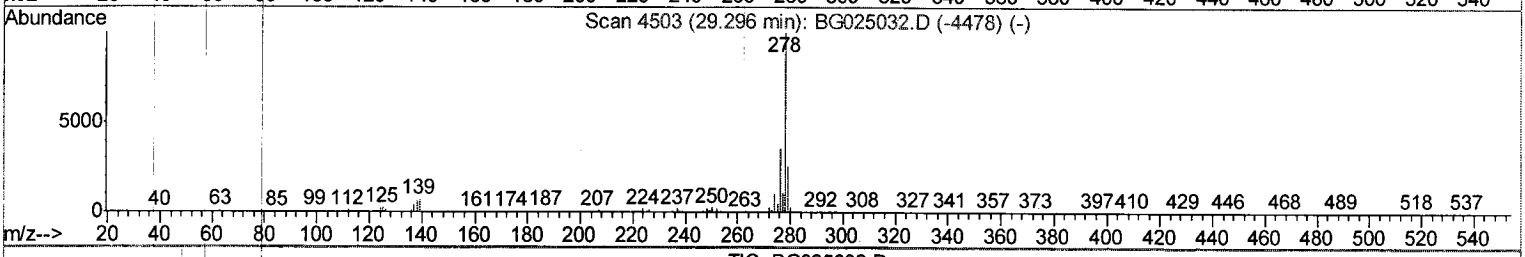

TIC: BG025032.D

(90) Dibenzo(a,h)anthracene

29.296min (0.000) 20.14ng/ul m

response 1244737

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.05
279.00	26.10	25.13
0.00	0.00	0.00

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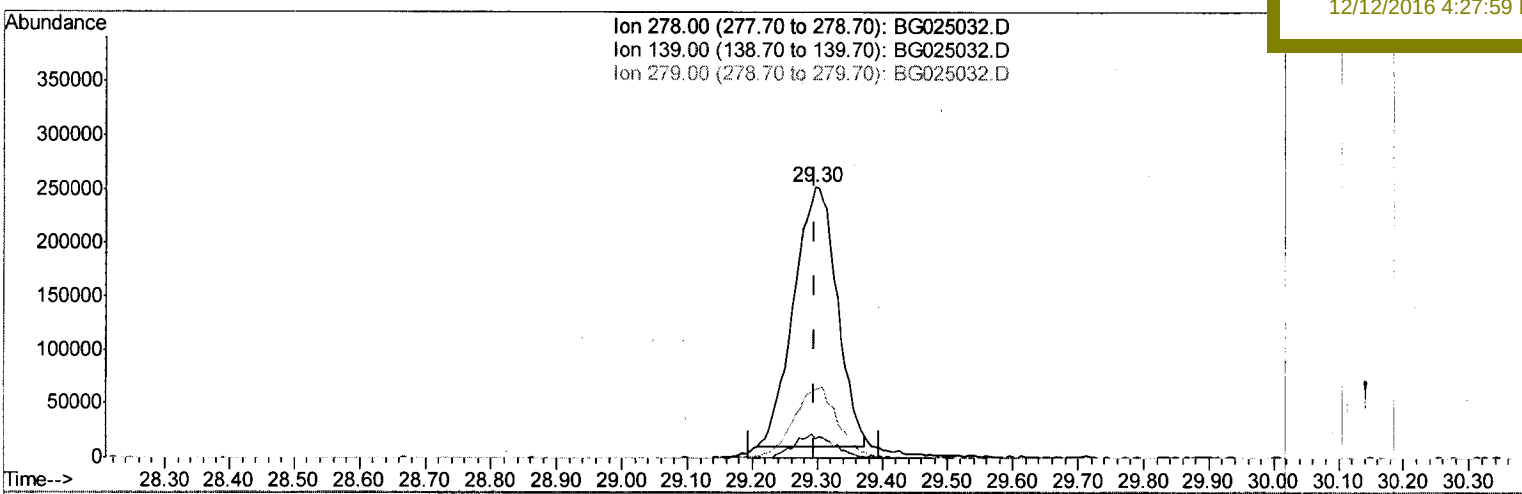

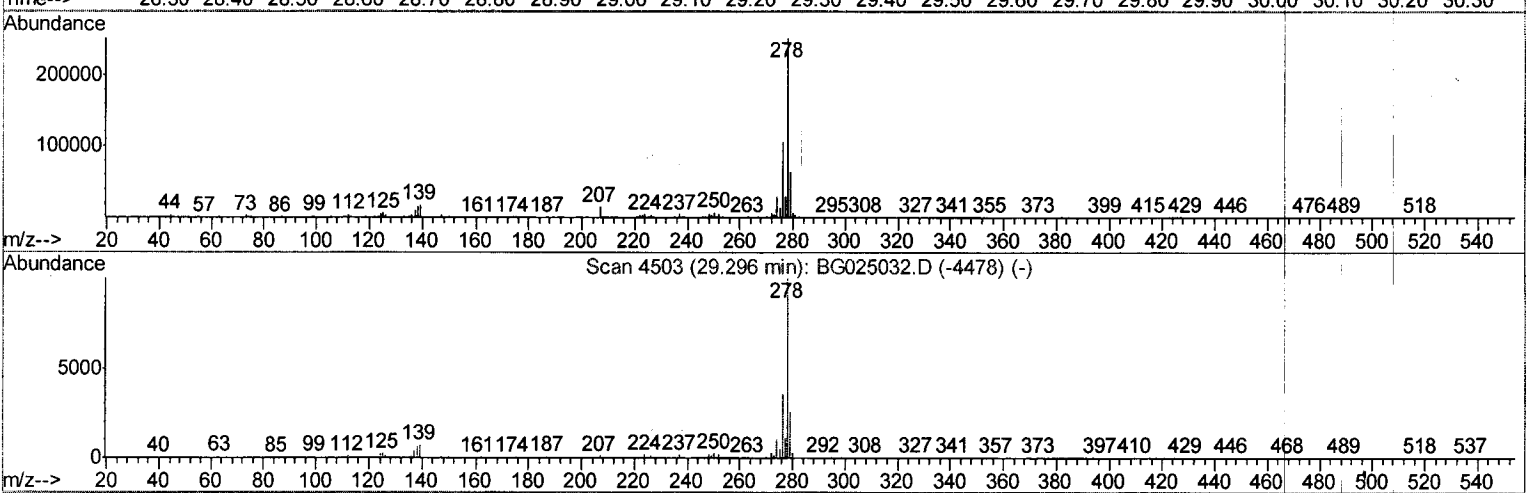

TIC: BG025032.D

(90) Dibenzo(a,h)anthracene

29.296min (0.000) 17.95ng/ul

response 1109409

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.05
279.00	26.10	25.13
0.00	0.00	0.00

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